Appendix A

Notice of Preparation and Comments Received

ESA

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER PROJECT

FILE NO:	PDC23-006/PD23-002/ER 23-005
PROJECT APPLICANT:	Kaiser Foundation Hospitals (Kaiser Permanente)
APNs:	706-05-011; 706-05-025; 706-05-017; 706-05-037; 706-05-020; 706-05-032; and 706-05-035

Project Description: The project applicant proposes to demolish the existing 250,000-square-foot (sf) hospital and construct a new 685,000-sf hospital (including basement), a new central utility plant (energy center), and a parking structure at their San José Medical Center campus ("SJMC campus" or "campus"). The existing hospital would continue to function at full capacity while the new hospital is under construction. Projected future campus improvements would include demolition of two one-story medical offices (both approximately 10,100 sf) and construction of a 250,000-sf outpatient facility and a parking garage. As part of the proposed project, the project applicant is seeking a revised Planned Development (PD) zoning and PD permit.

Location: The SJMC campus is located at 250 Hospital Parkway in the Edenvale planning area of San José on an approximately 40-acre site comprised of seven parcels and bounded by Highway 85 and the Valley Transit Authority (VTA) Cottle Light Rail Station and parking lot to the north; Cottle Road to the west; Santa Teresa Boulevard to the south; and Camino Verde Drive, International Circle, and Liska Lane to the east. The site is located in a Planned Development Agriculture Base (A[PD]) Zoning District.

Environmental Impact Report: As the Lead Agency, the City of San José will prepare an Environmental Impact Report (EIR) for the project summarized above. The City welcomes your input regarding the scope and content of the environmental information that is relevant to your area of interest, or to your agency's statutory responsibilities in connection with the proposed project. If you are affiliated with a public agency, this EIR may be used by your agency when considering subsequent approvals related to the project.

A **joint community and environmental public scoping meeting** for this project will be held:

When: June 5, 2023 from 6:00 p.m. to 7:30 p.m.
Where: Via Zoom (see instructions below and on www.sanjoseca.gov/activeeirs)

The live meeting will be recorded. You will be muted upon entry to the meeting. Please do not unmute yourself until the presenter has called on you to speak. If you have not participated in a

Zoom meeting before, we encourage you to download the Zoom application to your phone, tablet, or computer and feel free to log in early to troubleshoot any technical issues that may arise. Participants who are unable to install Zoom on their computer or mobile device can join a meeting through their computer's web browser. Meeting function may be limited on a web browser. Zoom currently works best with Google Chrome, Apple Safari, Mozilla Firefox, and Chromium Edge.

Electronic Device Instructions

For participants who would like to join electronically from a PC, Mac, iPad, iPhone or Android device, please click this URL: https://sanjoseca.zoom.us/j/86540068374.

Please ensure your device has audio input and output capabilities. During the session, if you would like to comment, please use the 'raise hand' feature in Zoom conference call to speak.

Telephone Device Instructions

For one tap mobile please dial: +12133388477,,86540068374# US (Los Angeles) or +14086380968,,86540068374# US (San Jose)

For participants who would like to join via telephone please dial: +1 408 638 0968 or +1 213 338 8477 or 888 475 4499 (Toll Free) or 877 853 5257 (Toll Free) and when prompted, enter meeting ID: 865 4006 8374. International numbers available: https://sanjoseca.zoom.us/u/kd5PvPtaeo. You may also click *9 to indicate you wish to speak.

Public Comments Prior to Meeting

If you would like to submit your comments prior to the meeting, please e-mail Cort.Hitchens@sanjoseca.gov. Comments submitted prior to this meeting will be considered as if you were present in the meeting.

The project description, location, and probable environmental effects to be analyzed in the EIR for the project can be found on the City's Active EIRs website at www.sanjoseca.gov/activeeirs, including the EIR Scoping Meeting information. The deadline for your response is 30 days from publication of this notice, and responses provided before the 30-day deadline are always welcome. The City will accept comments on the scope of the EIR until **5:00 p.m. on June 19, 2023**. If you have comments on the scope of the environmental issues to be addressed in the EIR, please identify a contact person if you represent an organization, and send your response via mail or email to:

City of San José, Department of Planning, Building and Code Enforcement
Attn: Cort Hitchens, Environmental Project Manager
200 East Santa Clara Street, 3rd Floor Tower
San José, CA 95113-1905
E-mail: Cort.Hitchens@sanjoseca.gov

Christopher Burton, Director
Planning, Building and Code Enforcement

	May 15, 2023
Deputy	Date

NOTICE OF PREPARATION OF
A DRAFT ENVIRONMENTAL IMPACT REPORT
FOR THE KAISER SAN JOSE MEDICAL CENTER PROJECT

May 17, 2023

Introduction

The purpose of an Environmental Impact Report (EIR) is to inform decision-makers and the general public of the environmental effects of the proposed project that an agency may implement or approve. The EIR process is intended to provide information sufficient to evaluate a project and its potential for significant impacts on the environment; to examine methods of reducing adverse impacts; and to consider alternatives to the project.

The EIR for the proposed project will be prepared and processed in accordance with the California Environmental Quality Act (CEQA). In accordance with the requirements of CEQA, the EIR will include the following:

- A summary of the project and its impacts;
- A project description;
- A description of the existing environmental setting, environmental impacts, and mitigation measures for the project; and
- Environmental consequences, including (a) any significant environmental effects that cannot be avoided if the project is implemented; (b) any significant irreversible and irretrievable commitments of resources; (c) the growth inducing impacts of the proposed project; and (d) cumulative impacts.

The EIR also will discuss a range of reasonable alternatives to the project that could feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and will evaluate the comparative merits of the alternatives (CEQA Guidelines Section 15126.6[a]).

Project Location

The 40-acre San José Medical Center campus ("SJMC campus" or "campus") is located at 250 Hospital Parkway (APNs 706-05-011; 706-05-025; 706-05-017; 706-05-037; 706-05-020; 706-05-032; and 706-05-035).[1] The project site is bounded by Highway 85 and the Valley Transit Authority (VTA) Cottle Light Rail Station and parking lot to the north; Cottle Road to the west; Santa Teresa Boulevard to the south; and Camino Verde Drive, International Circle, and Liska Lane to the east. The majority of the campus is developed and includes an existing hospital and emergency center, medical office buildings, one administrative building, two parking structures,

[1] Other addresses assigned to the campus include 255, 256, 258, 260, 270, 274, 275, 276, and 280 Hospital Parkway and 1275 International Circle.

surface parking, and support uses. The campus provides both outpatient and inpatient clinical services. **Figure 1** presents an aerial of the SJMC campus site location and vicinity.

Project Description

Kaiser Foundation Hospitals (Kaiser Permanente), the project applicant, proposes to demolish the existing 250,000-square-foot (sf) hospital and construct a new 685,000-sf hospital, a new central utility plant (energy center), and a six-level parking structure at their SJMC campus. In addition, approximately 200 surface parking would be constructed at the demolished existing hospital site. Projected future campus improvements are expected to include demolition of two one-story 10,100 sf medical office buildings, construction of a 250,000-sf outpatient facility, a six-level parking garage, and surface parking. **Figure 2** illustrates both near-term and projected future campus improvements.

The new 685,000-sf, 110-foot-tall, six-story hospital including basement level would be constructed in the southwest corner of the campus where there is currently surface parking. The proposed hospital would have 302 beds, which is 55 beds more than the existing hospital. **Figure 3** illustrates the proposed site plan. The new hospital would be 435,000 sf larger than the existing hospital. Factors informing the size of the new hospital include the need to comply with applicable building codes and regulations that require taller floor heights and additional space to meet current building code clearances for beds and other mobile equipment, as well as the need to right-size the facility to include private patient rooms and improve staff and patient safety, daylighting, lines of sight from nursing stations, HVAC efficiency, acoustics, and operational efficiencies. Other amenities of the new hospital would include a healing garden, outdoor seating areas, and an outdoor dining area adjacent to the hospital café. The new hospital, would have approximately 2,877 employees, consisting of nurses, physicians, and support staff, of which including approximately 1,785 that would support during the day shift and 1,092 evening/night shifts (combined).

While the new hospital is under construction, the existing hospital would continue to function in full capacity. Once the new hospital is operational, Kaiser Permanente would begin the decommissioning and demolition process. The EIR will provide a project-level analysis of the hospital demolition. Approximately 200 surface parking spaces would be constructed at the demolished hospital site.

A 35-foot-tall, 35,000-sf energy center would house the main electrical, mechanical, and plumbing equipment to supply the new hospital and would be located south of the new hospital along Santa Teresa Boulevard (see Figure 3). The energy center would be designed to be an all-electric facility in alignment with San Jose's Greenhouse Gas Reduction Strategy and Climate Smart initiative to reduce the effects of greenhouse gases on the climate and environment.

An six-level, 419,320-sf parking garage would be constructed on the south end of the site and east of the new hospital where there is currently surface parking (see Figure 3). The parking garage would provide 1,231 spaces and would replace the loss of 606 parking spaces displaced

by the new hospital and parking garage. The parking garage would be accessed from driveways on Camino Verde Drive and International Circle on the west and north sides, respectively.

Project construction would begin in early 2025, with the new hospital, energy center, and parking garage complete before 2030. Construction activities would include, but not be limited to, demolition; site preparation, excavation and grading activities; new building construction; paving; installation of utilities; building interior finishing; exterior hardscaping and landscaping; and improvements within the City right-of-way.

The project applicant also anticipates future campus improvements beyond 2030, which would include the following components (see Figure 1):

- Demolition of two one-story medical office buildings totaling 20,200 sf (280 Hospital Parkway Buildings C and D, #4 on Figure 1) for the construction of approximately 116 surface parking spaces;
- Demolition of the existing surface parking lot at the northeast corner of the site between the administration building (258 International Circle, #6), and the facility engineering building (255 International Circle, #10) and construction of a six-story parking garage with approximately 930 parking spaces (#3);
- Construction of a four- to six-story 250,000 sf medical office building at the southeast corner of the central portion of the campus on the existing surface parking lot (#2); and

The sizing, timing, and exact locations of the projected future campus improvements, which are included in the revised Planned Development zoning required as an approval for the proposed project, are anticipated to be built out in the next approximately 20 years and subject to change. Specific details regarding the design of these campus improvements are not currently known; hence they will be analyzed at a program level in this EIR.

The project site is designated Public/Quasi-Public and Neighborhood/Community Commercial under the Envision San José 2040 General Plan. The site is located in an Agriculture Planned Development (A[PD]) zoning district. The proposed hospital replacement and longer-term future expansions would require a revision to the existing PD to allow for site layout modifications and increased overall building capacity within the PD boundary.

Project Approvals Anticipated to Be Required

1. Revised Planned Development zoning
2. Planned Development permit
3. Demolition permits
4. Storm water pollution prevention plans
5. Building permits
6. Grading permits
7. Encroachment permits and other Department of Public Works clearances, including for work in the public right-of-way

Potential Environmental Impacts of the Project

The EIR will identify the significant environmental effects anticipated to result from development of the project as proposed. Mitigation measures will be identified for significant impacts, as feasible and warranted. The EIR will provide project-level analysis of near-term projects and activities proposed for the initial phase of implementation that are planned for completion by approximately 2030. The EIR will also provide a program-level analysis of campus improvements that could occur after 2030. No analysis of aesthetics for the proposed project is required pursuant to CEQA section 21099(d). The EIR will discuss the project's significant environmental impacts on the following specific environmental categories:

- **Air Quality** – The EIR will address the regional air quality conditions in the Bay Area and discuss the proposed project's construction and operational impacts to local and regional air quality in accordance with the Bay Area Air Quality Management District (BAAQMD) CEQA Guidelines and thresholds. A health risk assessment (HRA) will be prepared to quantitatively evaluate construction-period toxic air contaminants (TAC) impacts to air quality-sensitive receptors onsite within 1,000 feet of the project site.

- **Biological Resources** – Habitats in the project area are low in species diversity and include predominately urban adapted birds and animals. The EIR will address the loss of trees within, and adjacent to, the construction zone. In addition, the EIR will identify and discuss the project's biological impacts during construction and operation and the project's consistency with the Santa Clara County Habitat Conservation Plan.

- **Cultural Resources** – The EIR will include an evaluation for historic architectural resources on the project site, including an assessment of the historical significance of all buildings on the project site that are 45-years of age or older. The EIR will analyze whether the project would have significant impacts on historic architectural resources and identify mitigation and/or avoidance measures, as appropriate.

  Research suggests that the project area has a moderate potential for both prehistoric (Native American) and historical (Post-European) archaeological resources. The EIR will address the impacts to known and unknown buried cultural resources on and within the project area.

- **Energy** – Implementation of the proposed project would result in an increased demand for energy on-site. The EIR will discuss the increase in energy usage on-site and energy efficiency measures proposed by the project.

- **Geology, Soils, and Paleontological Resources** – The EIR will describe the existing geologic and soil conditions and discuss the possible geological impacts associated with seismic activity and the existing onsite soil conditions. Paleontological sensitivity will also be assessed and the EIR will discuss potential impacts during construction.

- **Greenhouse Gas Emissions** – The EIR will address the project's contribution to regional and global greenhouse gas (GHG) emissions based on established thresholds and consistency with policies adopted by the City of San José for reducing GHG emissions.

- **Hazards and Hazardous Materials** – The EIR will address existing hazards and hazardous materials conditions on and near the project site and will address the potential for hazardous materials impacts which may result from implementation of the proposed project.

- **Hydrology and Water Quality** – The EIR will address the project's impact to the storm drainage system. In addition, the EIR will address the possible flooding issues (the site is not within a 100-year flood zone) and the project's effect on storm water runoff quality consistent with the requirements of the Regional Water Quality Control Board (RWQCB).

- **Land Use and Planning** – The project site is located within a developed, urbanized area of San José surrounded by residential and commercial land uses. The EIR will describe the existing land uses adjacent to and within the project area. Land use impacts that would occur as a result of the proposed project will be analyzed, including the consistency of the project with land use plans, policies, or regulations adopted for the purpose of avoiding or mitigating an environmental effect.

- **Noise and Vibration** – Noise levels in the project area are primarily influenced by vehicular noise on surrounding roadways, primarily Highway 85. The EIR will discuss noise and vibration that would result from the construction and operation of the proposed project (including noise from project-generated traffic) and its impact on nearby sensitive receptors. Noise levels will be evaluated for consistency with applicable noise standards and guidelines. Additionally, the EIR will evaluate the effects of vibration on adjacent buildings during project construction.

- **Population and Housing** – The EIR will discuss the consistency of the project with planned growth within the City. The project would involve the demolition of SJMC campus structures and is not anticipated to displace any residents.

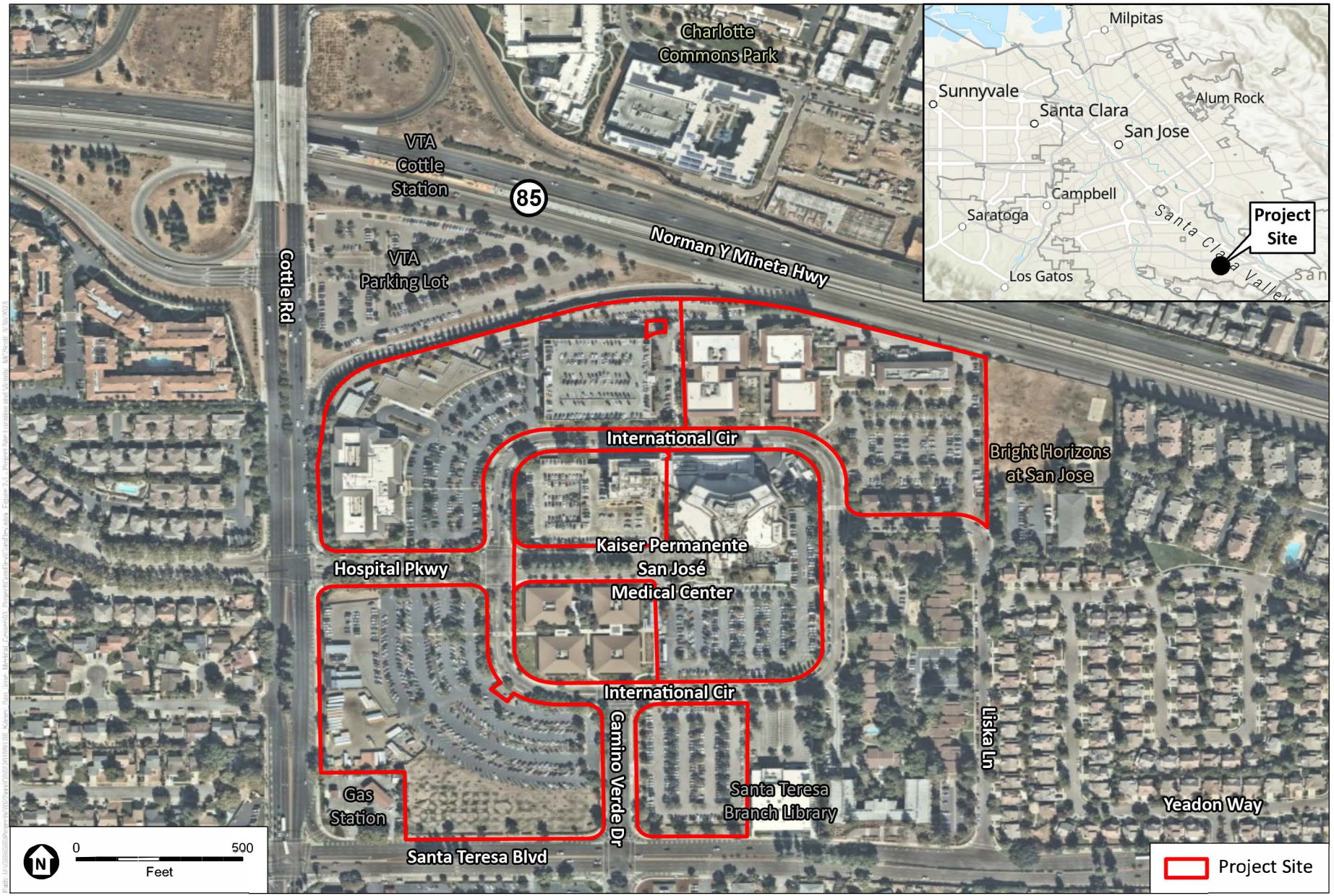
- **Public Services** – The EIR will address the availability of public facilities and services and the project's potential to result in adverse physical impacts to the service facilities.

- **Transportation** – The EIR will evaluate the project's transportation impacts pursuant to Senate Bill 743 and the City's Transportation Analysis Policy (Council Policy 5-1). The project's consistency with programs, plans, ordinances, or policies addressing the circulation system (including transit, roadway, bicycle, and pedestrian facilities) will also be discussed in the EIR. The project's impact on Vehicle Miles Traveled (VMT) will be discussed, and mitigation measures identified, as needed, to comply with Policy 5-1.

- **Tribal Cultural Resources** – The EIR will assess potential impacts to tribal cultural resources in conjunction with the culturally affiliated Native American tribes and the City during consultation according to the requirements of PRC section 21080.3.1.

- **Utilities and Service Systems** – Implementation of the proposed project could result in an increased demand on utilities and service systems compared to existing conditions. The EIR will examine the impacts of the project on utilities and service systems, including the sanitary sewer and storm drainage systems, water supply, and solid waste management. The EIR will rely on a water supply assessment prepared for the proposed project.

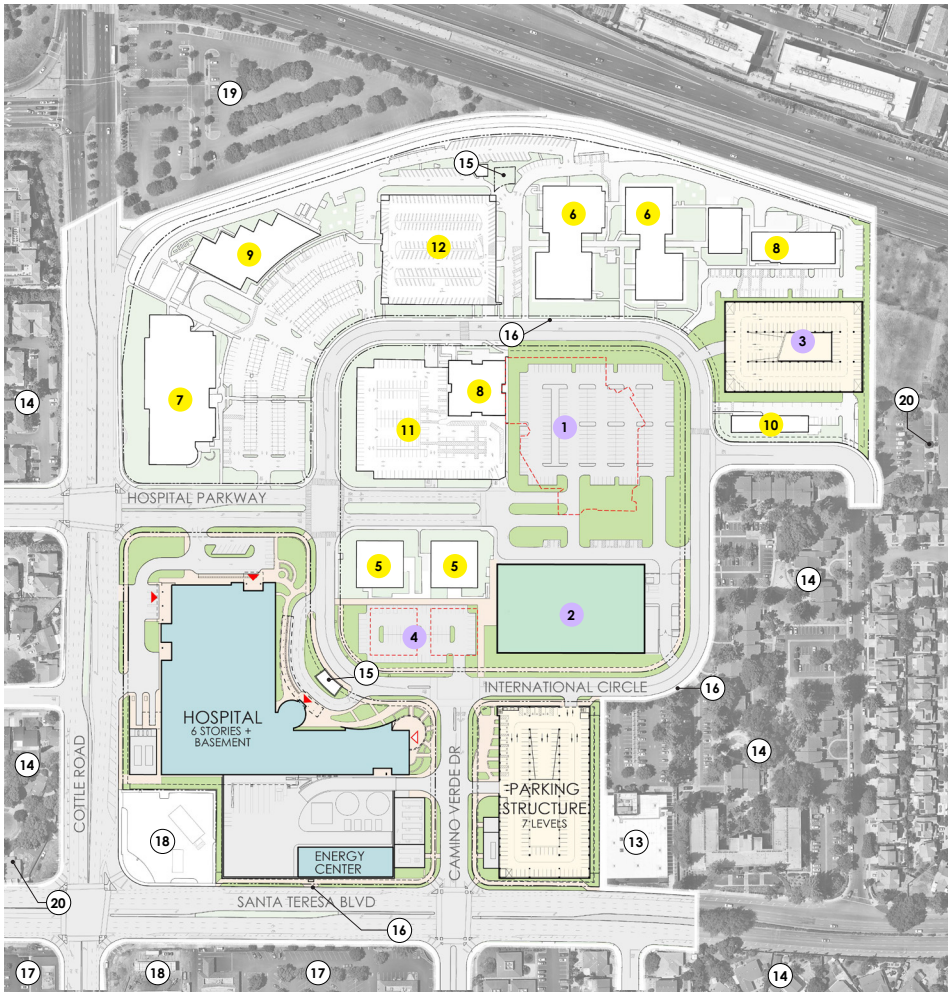
- **Other CEQA Sections** – The EIR will also address the project's impacts on agriculture and forestry resources, mineral resources, and wildfire. The project's significant unavoidable impacts and potentially significant cumulative impacts when considered with other past, present, and reasonably foreseeable future projects in the development area will also be identified in the EIR. The EIR will also provide alternatives to the proposed project that could reduce project impacts identified in the EIR.



SOURCE: ESA, 2023

Kaiser Permanente San José Medical Center

Figure 1
Campus Site Location and Vicinity



LEGEND

NEAR-TERM PROJECT

1 DEMOLISH EXISTING HOSPITAL + ADD SURFACE PARKING

PROJECTED FUTURE CAMPUS IMPROVEMENTS

2 MEDICAL OFFICE BUILDING, 4-6 STORIES (DEMOLISH EXISTING SURFACE PARKING)
3 PARKING STRUCTURE, UP TO 6 LEVELS (DEMOLISH EXISTING SURFACE PARKING)
4 DEMOLISH SINGLE-STORY MEDICAL OFFICE BUILDINGS AND ADD SURFACE PARKING

NOTE: THIS SITE PLAN SHOWS THE POTENTIAL FUTURE SCOPE, AFTER THE NEW HOSPITAL IS OPEN, SUBMITTED FOR PROGRAM LEVEL APPROVAL

OTHER KAISER PERMANENTE EXISTING BUILDINGS

5 EXISTING MEDICAL OFFICE BUILDING, 1-STORY
6 EXISTING MEDICAL OFFICE BUILDING, 2-STORY
7 EXISTING MEDICAL OFFICE BUILDING, 3-STORY
8 EXISTING MEDICAL OFFICE BUILDING, 8-STORY
9 EXISTING OUTPATIENT SURGERY BUILDING, 1-STORY
10 EXISTING FACILITY ENGINEERING BUILDING, 2-STORY
11 EXISTING PARKING STRUCTURE, 2-LEVEL
12 EXISTING PARKING STRUCTURE, 5-LEVEL

SURROUNDING USE, OTHER NOTES

13 PUBLIC LIBRARY
14 RESIDENTIAL
15 EXISTING UTILITY, OWNED BY OTHERS
16 BUS STOP
17 COMMERCIAL / RETAIL
18 GAS STATION
19 VTA LIGHT RAIL PARKING
20 DAY CARE

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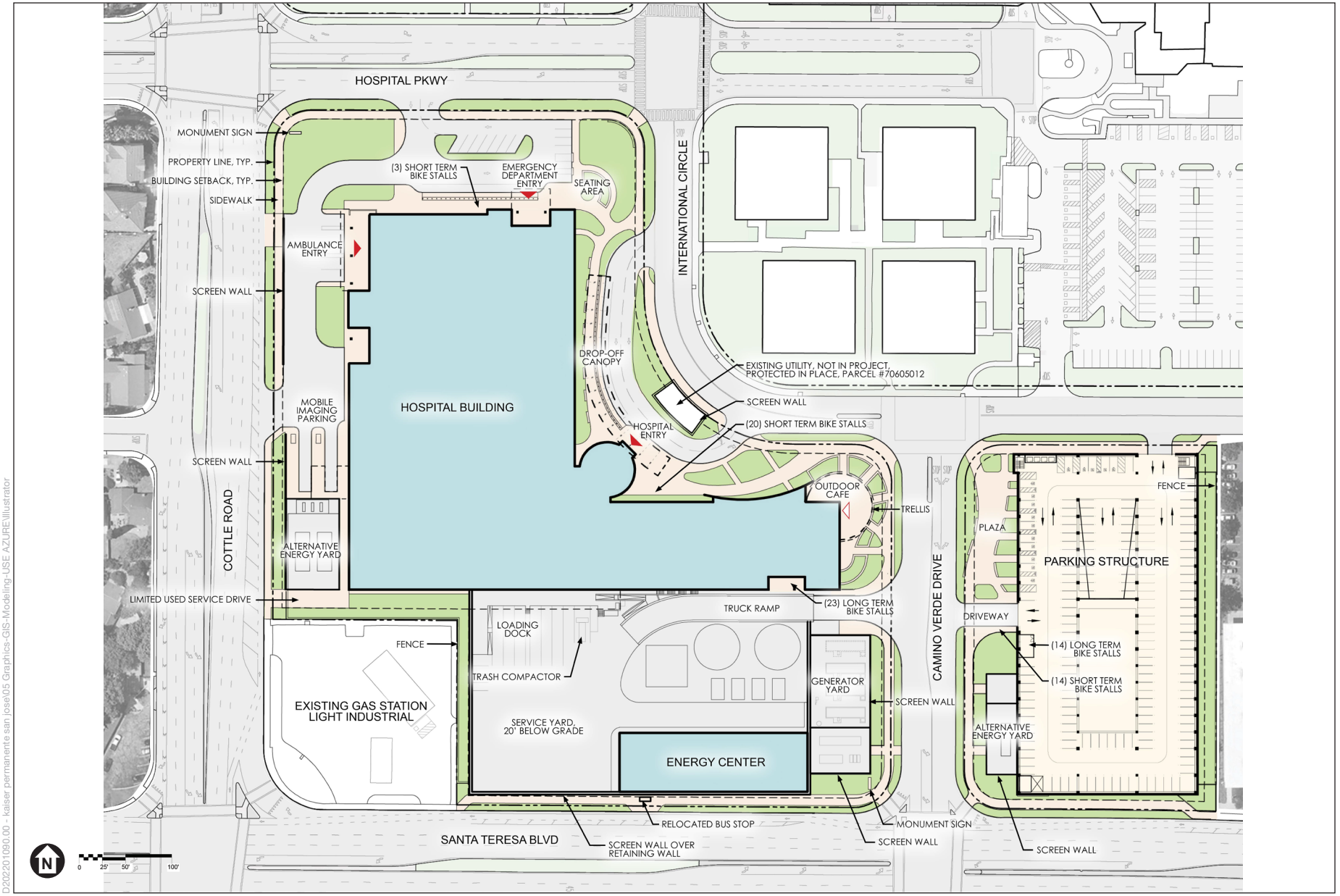
SOURCE: Stantec, 2023; SANDIS, 2023

Kaiser Permanente San José Medical Center

Figure 2

Proposed Campus Plan (Project-Level and Projected Future Campus Improvements)

ESA



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SOURCE: Stantec, 2023; SANDIS, 2023

Kaiser Permanente San José Medical Center

Figure 3

Proposed New Hospital, Energy Center, and Parking Garage Site Plan (Project-Level)

ESA

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER PROJECT

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The project description, location, and probable environmental effects to be analyzed in the EIR for the project can be found on the City's Active EIRs website at www.sanjoseca.gov/activeeirs, including the EIR Scoping Meeting information. The deadline for your response is 30 days from publication of this notice, and responses provided before the 30-day deadline are always

welcome. The City will accept comments on the scope of the EIR until **5:00 p.m. on July 20, 2023**. If you have comments on the scope of the environmental issues to be addressed in the EIR, please identify a contact person if you represent an organization, and send your response via mail or email to:

City of San José, Department of Planning, Building and Code Enforcement
Attn: Cort Hitchens, Environmental Project Manager
200 East Santa Clara Street, 3rd Floor Tower
San José, CA 95113-1905
E-mail: Cort.Hitchens@sanjoseca.gov

From:	Pearse, Brent
To:	Wang, Angela; Hitchens, Cort
Cc:	Banwait, Manjit
Subject:	Fw: VTA Comments on San Jose Kaiser Hospital Expansion TIA NF
Date:	Tuesday, May 23, 2023 3:47:35 PM
Attachments:	Outlook-1uqhfbdh.png Outlook-a5yi0qvf.png

[External Email]

FYI, more comments forthcoming on NOP.

Brent Pearse (He/Him)
Transportation Planner
Direct **408-550-4559**
Office **408-546-7985**

From: Pearse, Brent <Brent.Pearse@vta.org>
Sent: Thursday, May 18, 2023 3:58 PM
To: Banwait, Manjit <Manjit.Banwait@sanjoseca.gov>; 'Balance, Renzel' <Renzel.Balance@sanjoseca.gov>
Cc: Lapustea, Florin <Florin.Lapustea@sanjoseca.gov>
Subject: VTA Comments on San Jose Kaiser Hospital Expansion TIA NF

Hello,

Thank you for referring this TIA notification to VTA. We have the following comments.

Intersections
In the Assumptions Memo on page 8, it says "Study intersections 1 through 5 will be compared to the City's acceptable intersection operations standard of LOS D, as established in the City's Handbook. Study intersections 6 and 7 will be compared to the thresholds established in the VTA TIA Guidelines…" VTA recommends comparing study intersections 2, 3, and 5 to the VTA thresholds since they are CMP intersections, while the others can be compared to the City's standard.

Roadway modifications
It is unclear from the site plan provided if any intersection modification to Camino Verde Drive/Santa Teresa Boulevard and Cottle Road/Hospital Parkway intersections will occur. VTA strongly recommends the project modify the intersections and remove the pork-chop islands to reduce speeding and create a safer environment for bicycles and pedestrians. This should also ensure safer walking paths to the Cottle Light Rail Station.

Site Plan

This project site plan turns away from Cottle Road and Santa Teresa Boulevard. This type of site planning invites only automobiles and does not encourage other modes of transportation to access the site. VTA recommends reviewing the site plan for Valley Medical Center on Bascom Avenues in San José that orients itself more directly to the street and integrates with the urban context.

Bicycle Accommodations

VTA recommends that shared-use paths from Cottle Road and Santa Teresa Boulevard lead into the site and directly connect with the lobby, perhaps along Camino Verde Drive and Hospital Parkway. There is sufficient space along both sidewalks. This will encourage safe bicycle access to the main entry of the hospital and remove bicycles from the roadway circulation. As the site plan is presented, it will be very challenging and unsafe for bicycles to access the short-term bike stalls in the auto-oriented drop off zone.

Bus Stops

VTA Routes Local Route 27 and Frequent Route 66 serve Kaiser San José hospital. Route 27 connects Campbell, Los Gatos, and South San José. Route 66 connects North Milpitas and Downtown San Jose to South San José. VTA has the following recommendations:

- Bus Stop on International Circle in front of Kaiser Permanente Building 3
  - This stop serves as the terminus for VTA Routes 27 and 66 and serves as a major bus stop with an average daily weekday boarding of 322 passengers.
  - Install a new 17' Brasco shelter (specs attached).
  - Install 160' new PCC bus pad to accommodate two buses (specs attached). New PCC bus pads require obtaining a VTA permit. Contact permits@vta.org.
  - Widen sidewalk to a minimum of eight feet at the existing stop to accommodate ADA wheelchair boarding (existing sidewalk is 7.5').
- Please include on the construction plans a note to contact VTA at Bus.Stop@vta.org or 403-321-5800 at least 72 business hours prior to any construction that may impact bus operations.
- Relocated Bus Stop on Santa Teresa
  - The new placement of this stop could encourage people to unsafely cross the street mid-block
  - VTA recommends fencing or a barrier be installed on the median island.
  - Should a protected bikeway be planned for Santa Teresa Boulevard, the applicant should be conditioned to construct a floating bus island for the newly relocated stop.

VTA would like the opportunity to review updated site plans to ensure the placement of driveways, landscaping, and any other features do not conflict with bus operations. VTA's Transit Passenger Environment Plan provides design guidelines for bus stops. This document can be downloaded at https://www.vta.org/projects/transit-passenger-environment-plan. VTA has a Bus Stop Placement, Closures and Relocations Policy (https://www.vta.org/sites/default/files/2022-02/Bus%20Stop%20Policy.pdf).

Regards,

Brent

Brent Pearse (He/Him)
Transportation Planner
Direct **408-550-4559**
Office **408-546-7985**

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STATE OF CALIFORNIA Gavin Newsom, Governor

NATIVE AMERICAN HERITAGE COMMISSION

RECEIVED
MAY 22 2023
CITY OF SAN JOSE
PLANNING, BUILDING AND CODE ENFORCEMENT

CHAIRPERSON
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Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

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Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
[Vacant]

COMMISSIONER
[Vacant]

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
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(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

May 18, 2023

Cort Hitchens
City of San Jose Department of Planning, Building, and Code Enforcement
200 E Santa Clara St, 3rd Floor Tower
San Jose, CA 95113

Re: 2023050424, Kaiser Permanente San Jose Medical Center Project, Santa Clara County

Dear Mr. Hitchens,

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

a. A brief description of the project.

b. The lead agency contact information.

c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).

d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

a. Alternatives to the project.

b. Recommended mitigation measures.

c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

a. Type of environmental review necessary.

b. Significance of the tribal cultural resources.

c. Significance of the project's impacts on tribal cultural resources.

d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

a. Whether the proposed project has a significant impact on an identified tribal cultural resource.

b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov

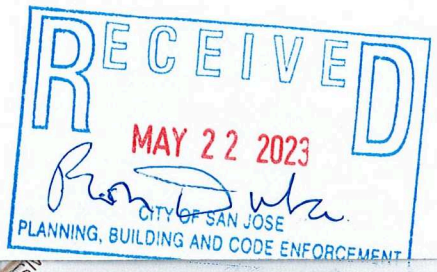
Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

State of California
Native American Heritage Commission
1550 Harbor Blvd., Ste. 100
West Sacramento, CA 95691



CHAIRPERSON
Laura Miranda
Luiseño

Cort Hitchens
City of San Jose Department of Planning, Building
200 E Santa Clara St, 3rd Floor Tower
San Jose, CA 95113

Re: 2023050424, Kaiser Permanente San Jose Mec

95113$1905 C056

Subject: FW: Planning Division Joint Community and Environmental Scoping Meeting Notice - Proposed Kaiser Permanente San Jose Medical Center Project

From: Wang, Angela <Angela.Wang@sanjoseca.gov>
Sent: Thursday, June 1, 2023 4:59 PM
To: Andrew Quan <AQuan@valleywater.org>
Cc: Lisa Brancatelli <LBrancatelli@valleywater.org>; Hitchens, Cort <Cort.Hitchens@sanjoseca.gov>
Subject: RE: Planning Division Joint Community and Environmental Scoping Meeting Notice - Proposed Kaiser Permanente San Jose Medical Center Project

Comments received. Thanks Andrew.

From: Andrew Quan <AQuan@valleywater.org>
Sent: Thursday, June 1, 2023 4:58 PM
To: Wang, Angela <Angela.Wang@sanjoseca.gov>
Cc: Lisa Brancatelli <LBrancatelli@valleywater.org>
Subject: Planning Division Joint Community and Environmental Scoping Meeting Notice - Proposed Kaiser Permanente San Jose Medical Center Project

You don't often get email from aquan@valleywater.org. Learn why this is important

[External Email]

Dear Angela Wang,

The Santa Clara Valley Water District (Valley Water) has reviewed the plans for the proposed project located at 250, 260, 276, and 280 Hospital Parkway and 1275 International Circle in the City of San Jose (APN: 706-05-011, 706-05-017, 706-05-020, 706-05-025, 706-05-032, 706-05-035, 706-05-035, 706-05-037), received by Valley Water on May 16, 2023. Per our review, we request consideration of the following comments:

APN# 70605011:
Santa Clara Valley Water District (District) records indicate that 1 active well is located on the subject property. If the well will continue to be used following permitted activity, it must be protected so that it does not become lost or damaged during completion of permitted activity. If the well will not be used following permitted activity, it must be properly destroyed under permit from the District.

APN# 70605035:
Santa Clara Valley Water District (District) records indicate that 4 active wells are located on the subject property. If the wells will continue to be used following permitted activity, they must be protected so that they do not become lost or damaged during completion of permitted activity. If the wells will not be used following permitted activity, they must be properly destroyed under permit from the District.

While the District has records for most wells located in the County, it is always possible that a well exists that is not in the District's records. If previously unknown wells are found on the subject property during development, they must be properly destroyed under permit from the District or registered with the District and protected from damage.

If you have any questions or need further information, you can reach me at (408) 630-1667, or by e-mail at AQuan@valleywater.org. Please reference Valley Water File No. 34965 on future correspondence regarding this project.

Thank you,

ANDREW QUAN
ASSISTANT ENGINEER II - CIVIL
Community Projects Review Unit
Tel. (408) 630-1667

Santa Clara Valley Water District is now known as:

Valley Water

Clean Water • Healthy Environment • Flood Protection

VALLEY WATER
5750 Almaden Expressway, San Jose CA 95118
www.valleywater.org

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From: Hitchens, Cort
To: Susan Yogi
Subject: FW: PDC23-006 & PD23-002: Community Meeting PPT
Date: Friday, June 2, 2023 1:45:09 PM

Hi Susan,

Just highlighting the neighbor comments (below) that came by phone to be aware of at the community meeting on Monday and moving forward.

Thank you,

Cort Hitchens, Planner
Planning, Building and Code Enforcement
200 E. Santa Clara St. – 3rd Floor
San José, CA 95113
Direct: 408.794.7386

From: Wang, Angela <Angela.Wang@sanjoseca.gov>
Sent: Friday, June 2, 2023 1:34 PM
To: Hitchens, Cort <Cort.Hitchens@sanjoseca.gov>
Subject: RE: PDC23-006 & PD23-002: Community Meeting PPT

FYI: I received two phone calls from residents living adjacent to the site. The main concerns are construction impact (noise and air quality) and tree removal.

I also received VTA and Valley Water's comments and saved them to this folder:

\\Pbce001\#PBCE001\Implementation\PLANNING FILES\Zonings\2023\PDC23-006 (Kaiser Hospital)\6 - Public Comments

Subject: FW: Proposed Kaiser hospital @ Cottle/S Teresa.

From: Wang, Angela <Angela.Wang@sanjoseca.gov>
Sent: Monday, June 5, 2023 1:59 PM
To: T Klopper <surfingtrk@gmail.com>
Cc: Hitchens, Cort <Cort.Hitchens@sanjoseca.gov>
Subject: RE: Proposed Kaiser hospital @ Cottle/S Teresa.

Comments received. Thanks Theo.

There are no such tunnel/bridge proposed. The project applicant proposes to use the existing crosswalks located at the all stopped intersection at International Cir. & Camino Verde Dr. and the signalized crosswalk at Camino Verde Dr. and Santa Teresa Blvd.

The applicant's contact is tina.x.wehrmeister@kp.org.

The community meeting will start at 6pm tonight. Please check the link below for how to join the meeting on line:

https://www.sanjoseca.gov/Home/Components/Calendar/Event/6184/4738

From: T Klopper <surfingtrk@gmail.com>
Sent: Sunday, June 4, 2023 2:28 PM
To: Wang, Angela <Angela.Wang@sanjoseca.gov>
Subject: Proposed Kaiser hospital @ Cottle/S Teresa.

You don't often get email from surfingtrk@gmail.com. Learn why this is important

[External Email]

Hello Ms Wang.

Looking at the drawings of the proposed hospital, I am wondering if the plans include a tunnel under Camino Verde Drive, connecting the parking structure with the new hospital.
If not, shouldn't there be such tunnel connection, or else an enclosed bridge, protecting personnel, visitors, and especially the patients?
If no such connection is in the plans, could you please give me the Kaiser person(s) to contact to propose such addition?

Thanks in advance, and have a nice week.

Theo Klopper.
(Senior citizen and KP member)

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From: Hitchens, Cort
To: "Zachariasen, Judith@DOC"
Cc: OLRA@DOC; OPR State Clearinghouse
Subject: RE: Kaiser Permanente San Jose Medical Center Project - SCH Number 2023050424
Date: Wednesday, June 7, 2023 12:40:16 PM
Attachments: image001.png

Hi Judy,

Received, thank you.

Cort Hitchens, Planner
Planning, Building and Code Enforcement
200 E. Santa Clara St. – 3rd Floor
San José, CA 95113
Direct: 408.794.7386

From: Zachariasen, Judith@DOC <Judith.Zachariasen@conservation.ca.gov>
Sent: Wednesday, June 7, 2023 12:33 PM
To: Hitchens, Cort <Cort.Hitchens@sanjoseca.gov>
Cc: OLRA@DOC <OLRA@conservation.ca.gov>; OPR State Clearinghouse <State.Clearinghouse@opr.ca.gov>
Subject: Kaiser Permanente San Jose Medical Center Project - SCH Number 2023050424

You don't often get email from judith.zachariasen@conservation.ca.gov. Learn why this is important

[External Email]

Dear Cort Hitchens,

The California Geological Survey (CGS) has received the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Kaiser Permanente San Jose Medical Center Project. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Liquefaction Hazards

   The project site is located within an earthquake zone of required investigation (ZORI) for liquefaction mapped by CGS. The DEIR and supporting documents should address this hazard as it relates to the design ofthe proposed structures. Additional information is available at the links below: https://maps.conservation.ca.gov/cgs/EQZApp/app/ https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps

2. Ground Shaking Hazards

   The project area is not located in an Earthquake Fault Zone mapped by CGS. However, several active faults are nearby, and the site could be subject to significant ground shaking. The DEIR and supporting documents shouldaddress this hazard as it relates to the design of

the proposed structures. Additional information about ground shaking hazard can be obtained at the following sites:
https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=14d2f75c7c4f4619936dac0d14e1e468
https://earthquake.usgs.gov/scenarios/catalog/bssc2014/

3. Surface Fault Rupture Hazard

The project area is not located in an Earthquake Fault Zone mapped by CGS. However, the Quaternary-age San Jose Fault has been mapped as inferred through the hospital campus. The DEIR and supporting documents should address this hazard as it relates to the design of the proposed structures. Additional information about surface faults can be obtained at the following sites: https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf

If you have any additional comments or questions, please feel free to call or email.

Thank you,
Judy Zachariasen

E-Sig-DOC-Logo

Judith Zachariasen, PhD, PG, CEG
Senior Engineering Geologist
Fault Zoning Unit Supervisor
Seismic Hazards Program
California Geological Survey

California Department of Conservation
715 P Street, MS 1900, Sacramento, CA 95814
T: (916) 879-2844
E: judith.zachariasen@conservation.ca.gov

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Pacific Gas and Electric Company

Plan Review Team
Land Management

PGEPlanReview@pge.com

June 19, 2023

Cort Hitchens
City of San Jose
200 E Santa Clara St, 3rd Flr
San Jose, CA 95113

Ref: Gas and Electric Transmission and Distribution

Dear Cort Hitchens,

Thank you for submitting the Kaiser Permanente San Jose Medical Center plans for our review. PG&E will review the submitted plans in relationship to any existing Gas and Electric facilities within the project area. If the proposed project is adjacent/or within PG&E owned property and/or easements, we will be working with you to ensure compatible uses and activities near our facilities.

Attached you will find information and requirements as it relates to Gas facilities (Attachment 1) and Electric facilities (Attachment 2). Please review these in detail, as it is critical to ensure your safety and to protect PG&E's facilities and its existing rights.

Below is additional information for your review:

1. This plan review process does not replace the application process for PG&E gas or electric service your project may require. For these requests, please continue to work with PG&E Service Planning: https://www.pge.com/en_US/business/services/building-and-renovation/overview/overview.page.

2. If the project being submitted is part of a larger project, please include the entire scope of your project, and not just a portion of it. PG&E's facilities are to be incorporated within any CEQA document. PG&E needs to verify that the CEQA document will identify any required future PG&E services.

3. An engineering deposit may be required to review plans for a project depending on the size, scope, and location of the project and as it relates to any rearrangement or new installation of PG&E facilities.

Any proposed uses within the PG&E fee strip and/or easement, may include a California Public Utility Commission (CPUC) Section 851 filing. This requires the CPUC to render approval for a conveyance of rights for specific uses on PG&E's fee strip or easement. PG&E will advise if the necessity to incorporate a CPUC Section 851filing is required.

This letter does not constitute PG&E's consent to use any portion of its easement for any purpose not previously conveyed. PG&E will provide a project specific response as required.

Sincerely,

Plan Review Team
Land Management

Attachment 1 – Gas Facilities

There could be gas transmission pipelines in this area which would be considered critical facilities for PG&E and a high priority subsurface installation under California law. Care must be taken to ensure safety and accessibility. So, please ensure that if PG&E approves work near gas transmission pipelines it is done in adherence with the below stipulations. Additionally, the following link provides additional information regarding legal requirements under California excavation laws: https://www.usanorth811.org/images/pdfs/CA-LAW-2018.pdf

1. Standby Inspection: A PG&E Gas Transmission Standby Inspector must be present during any demolition or construction activity that comes within 10 feet of the gas pipeline. This includes all grading, trenching, substructure depth verifications (potholes), asphalt or concrete demolition/removal, removal of trees, signs, light poles, etc. This inspection can be coordinated through the Underground Service Alert (USA) service at 811. A minimum notice of 48 hours is required. Ensure the USA markings and notifications are maintained throughout the duration of your work.

2. Access: At any time, PG&E may need to access, excavate, and perform work on the gas pipeline. Any construction equipment, materials, or spoils may need to be removed upon notice. Any temporary construction fencing installed within PG&E's easement would also need to be capable of being removed at any time upon notice. Any plans to cut temporary slopes exceeding a 1:4 grade within 10 feet of a gas transmission pipeline need to be approved by PG&E Pipeline Services in writing PRIOR to performing the work.

3. Wheel Loads: To prevent damage to the buried gas pipeline, there are weight limits that must be enforced whenever any equipment gets within 10 feet of traversing the pipe.

Ensure a list of the axle weights of all equipment being used is available for PG&E's Standby Inspector. To confirm the depth of cover, the pipeline may need to be potholed by hand in a few areas.

Due to the complex variability of tracked equipment, vibratory compaction equipment, and cranes, PG&E must evaluate those items on a case-by-case basis prior to use over the gas pipeline (provide a list of any proposed equipment of this type noting model numbers and specific attachments).

No equipment may be set up over the gas pipeline while operating. Ensure crane outriggers are at least 10 feet from the centerline of the gas pipeline. Transport trucks must not be parked over the gas pipeline while being loaded or unloaded.

4. Grading: PG&E requires a minimum of 36 inches of cover over gas pipelines (or existing grade if less) and a maximum of 7 feet of cover at all locations. The graded surface cannot exceed a cross slope of 1:4.

5. Excavating: Any digging within 2 feet of a gas pipeline must be dug by hand. Note that while the minimum clearance is only 24 inches, any excavation work within 24 inches of the edge of a pipeline must be done with hand tools. So to avoid having to dig a trench entirely with hand tools, the edge of the trench must be over 24 inches away. (Doing the math for a 24 inch

wide trench being dug along a 36 inch pipeline, the centerline of the trench would need to be at least 54 inches [24/2 + 24 + 36/2 = 54] away, or be entirely dug by hand.)

Water jetting to assist vacuum excavating must be limited to 1000 psig and directed at a 40° angle to the pipe. All pile driving must be kept a minimum of 3 feet away.

Any plans to expose and support a PG&E gas transmission pipeline across an open excavation need to be approved by PG&E Pipeline Services in writing PRIOR to performing the work.

6. Boring/Trenchless Installations: PG&E Pipeline Services must review and approve all plans to bore across or parallel to (within 10 feet) a gas transmission pipeline. There are stringent criteria to pothole the gas transmission facility at regular intervals for all parallel bore installations.

For bore paths that cross gas transmission pipelines perpendicularly, the pipeline must be potholed a minimum of 2 feet in the horizontal direction of the bore path and a minimum of 24 inches in the vertical direction from the bottom of the pipe with minimum clearances measured from the edge of the pipe in both directions. Standby personnel must watch the locator trace (and every ream pass) the path of the bore as it approaches the pipeline and visually monitor the pothole (with the exposed transmission pipe) as the bore traverses the pipeline to ensure adequate clearance with the pipeline. The pothole width must account for the inaccuracy of the locating equipment.

7. Substructures: All utility crossings of a gas pipeline should be made as close to perpendicular as feasible (90° +/- 15°). All utility lines crossing the gas pipeline must have a minimum of 24 inches of separation from the gas pipeline. Parallel utilities, pole bases, water line ‘kicker blocks’, storm drain inlets, water meters, valves, back pressure devices or other utility substructures are not allowed in the PG&E gas pipeline easement.

If previously retired PG&E facilities are in conflict with proposed substructures, PG&E must verify they are safe prior to removal. This includes verification testing of the contents of the facilities, as well as environmental testing of the coating and internal surfaces. Timelines for PG&E completion of this verification will vary depending on the type and location of facilities in conflict.

8. Structures: No structures are to be built within the PG&E gas pipeline easement. This includes buildings, retaining walls, fences, decks, patios, carports, septic tanks, storage sheds, tanks, loading ramps, or any structure that could limit PG&E’s ability to access its facilities.

9. Fencing: Permanent fencing is not allowed within PG&E easements except for perpendicular crossings which must include a 16 foot wide gate for vehicular access. Gates will be secured with PG&E corporation locks.

10. Landscaping: Landscaping must be designed to allow PG&E to access the pipeline for maintenance and not interfere with pipeline coatings or other cathodic protection systems. No trees, shrubs, brush, vines, and other vegetation may be planted within the easement area. Only those plants, ground covers, grasses, flowers, and low-growing plants that grow unsupported to a maximum of four feet (4’) in height at maturity may be planted within the easement area.

11. Cathodic Protection: PG&E pipelines are protected from corrosion with an “Impressed Current” cathodic protection system. Any proposed facilities, such as metal conduit, pipes, service lines, ground rods, anodes, wires, etc. that might affect the pipeline cathodic protection system must be reviewed and approved by PG&E Corrosion Engineering.

12. Pipeline Marker Signs: PG&E needs to maintain pipeline marker signs for gas transmission pipelines in order to ensure public awareness of the presence of the pipelines. With prior written approval from PG&E Pipeline Services, an existing PG&E pipeline marker sign that is in direct conflict with proposed developments may be temporarily relocated to accommodate construction work. The pipeline marker must be moved back once construction is complete.

13. PG&E is also the provider of distribution facilities throughout many of the areas within the state of California. Therefore, any plans that impact PG&E’s facilities must be reviewed and approved by PG&E to ensure that no impact occurs which may endanger the safe operation of its facilities.

Attachment 2 – Electric Facilities

It is PG&E's policy to permit certain uses on a case by case basis within its electric transmission fee strip(s) and/or easement(s) provided such uses and manner in which they are exercised, will not interfere with PG&E's rights or endanger its facilities. Some examples/restrictions are as follows:

1. Buildings and Other Structures: No buildings or other structures including the foot print and eave of any buildings, swimming pools, wells or similar structures will be permitted within fee strip(s) and/or easement(s) areas. PG&E's transmission easement shall be designated on subdivision/parcel maps as "**RESTRICTED USE AREA – NO BUILDING."**

2. Grading: Cuts, trenches or excavations may not be made within 25 feet of our towers. Developers must submit grading plans and site development plans (including geotechnical reports if applicable), signed and dated, for PG&E's review. PG&E engineers must review grade changes in the vicinity of our towers. No fills will be allowed which would impair ground-to-conductor clearances. Towers shall not be left on mounds without adequate road access to base of tower or structure.

3. Fences: Walls, fences, and other structures must be installed at locations that do not affect the safe operation of PG&'s facilities. Heavy equipment access to our facilities must be maintained at all times. Metal fences are to be grounded to PG&E specifications. No wall, fence or other like structure is to be installed within 10 feet of tower footings and unrestricted access must be maintained from a tower structure to the nearest street. Walls, fences and other structures proposed along or within the fee strip(s) and/or easement(s) will require PG&E review; submit plans to PG&E Centralized Review Team for review and comment.

4. Landscaping: Vegetation may be allowed; subject to review of plans. On overhead electric transmission fee strip(s) and/or easement(s), trees and shrubs are limited to those varieties that do not exceed 10 feet in height at maturity. PG&E must have access to its facilities at all times, including access by heavy equipment. No planting is to occur within the footprint of the tower legs. Greenbelts are encouraged.

5. Reservoirs, Sumps, Drainage Basins, and Ponds: Prohibited within PG&E's fee strip(s) and/or easement(s) for electric transmission lines.

6. Automobile Parking: Short term parking of movable passenger vehicles and light trucks (pickups, vans, etc.) is allowed. The lighting within these parking areas will need to be reviewed by PG&E; approval will be on a case by case basis. Heavy equipment access to PG&E facilities is to be maintained at all times. Parking is to clear PG&E structures by at least 10 feet. Protection of PG&E facilities from vehicular traffic is to be provided at developer's expense AND to PG&E specifications. Blocked-up vehicles are not allowed. Carports, canopies, or awnings are not allowed.

7. Storage of Flammable, Explosive or Corrosive Materials: There shall be no storage of fuel or combustibles and no fueling of vehicles within PG&E's easement. No trash bins or incinerators are allowed.

8. Streets and Roads: Access to facilities must be maintained at all times. Street lights may be allowed in the fee strip(s) and/or easement(s) but in all cases must be reviewed by PG&E for proper clearance. Roads and utilities should cross the transmission easement as nearly at right angles as possible. Road intersections will not be allowed within the transmission easement.

9. Pipelines: Pipelines may be allowed provided crossings are held to a minimum and to be as nearly perpendicular as possible. Pipelines within 25 feet of PG&E structures require review by PG&E. Sprinklers systems may be allowed; subject to review. Leach fields and septic tanks are not allowed. Construction plans must be submitted to PG&E for review and approval prior to the commencement of any construction.

10. Signs: Signs are not allowed except in rare cases subject to individual review by PG&E.

11. Recreation Areas: Playgrounds, parks, tennis courts, basketball courts, barbecue and light trucks (pickups, vans, etc.) may be allowed; subject to review of plans. Heavy equipment access to PG&E facilities is to be maintained at all times. Parking is to clear PG&E structures by at least 10 feet. Protection of PG&E facilities from vehicular traffic is to be provided at developer's expense AND to PG&E specifications.

12. Construction Activity: Since construction activity will take place near PG&E's overhead electric lines, please be advised it is the contractor's responsibility to be aware of, and observe the minimum clearances for both workers and equipment operating near high voltage electric lines set out in the High-Voltage Electrical Safety Orders of the California Division of Industrial Safety (https://www.dir.ca.gov/Title8/sb5g2.html), as well as any other safety regulations. Contractors shall comply with California Public Utilities Commission General Order 95 (http://www.cpuc.ca.gov/gos/GO95/go_95_startup_page.html) and all other safety rules. No construction may occur within 25 feet of PG&E's towers. All excavation activities may only commence after 811 protocols has been followed.

Contractor shall ensure the protection of PG&E's towers and poles from vehicular damage by (installing protective barriers) Plans for protection barriers must be approved by PG&E prior to construction.

13. PG&E is also the owner of distribution facilities throughout many of the areas within the state of California. Therefore, any plans that impact PG&E's facilities must be reviewed and approved by PG&E to ensure that no impact occurs that may endanger the safe and reliable operation of its facilities.

From: Hitchens, Cort
To: Susan Yogi
Cc: Eryn Brennan
Subject: FW: Environmental Review Scoping Request for Kaiser San Jose Medical Center Project/PD23-002
Date: Tuesday, June 20, 2023 12:03:00 PM
Attachments: Kaiser Tree Map with Healthy Trees.pdf

Hi Susan,

Please find below and attached additional correspondence on the Kaiser NOP. I believe this commenter spoke about trees at the community meeting, as well.

Thank you,

Cort Hitchens, Planner
Planning, Building and Code Enforcement
200 E. Santa Clara St. – 3rd Floor
San José, CA 95113
Direct: 408.794.7386

From: Emily Becker <emily.deal@gmail.com>
Sent: Tuesday, June 20, 2023 11:18 AM
To: Hitchens, Cort <Cort.Hitchens@sanjoseca.gov>
Subject: Environmental Review Scoping Request for Kaiser San Jose Medical Center Project/PD23-002

You don't often get email from emily.deal@gmail.com. Learn why this is important

[External Email]

Dear Mr. Hitchens,

I am writing to request that the Environmental Review for the Kaiser San Jose Medical Center Project (PD23-002) include an assessment of the impact of retaining some or all of the healthy, mature trees at the perimeter of the project, as indicated in the attached diagram. As you are aware, such mature trees have several advantages, including increased carbon capture, shade, and a greater capacity for wildlife habitat, compared to younger trees that may be planted to replace them. I believe that efforts to retain these trees would be in keeping with San Jose's commitment to combat climate change, as well as to protect, preserve, restore, and expand our Community Forest.

Thank you,

Emily Becker

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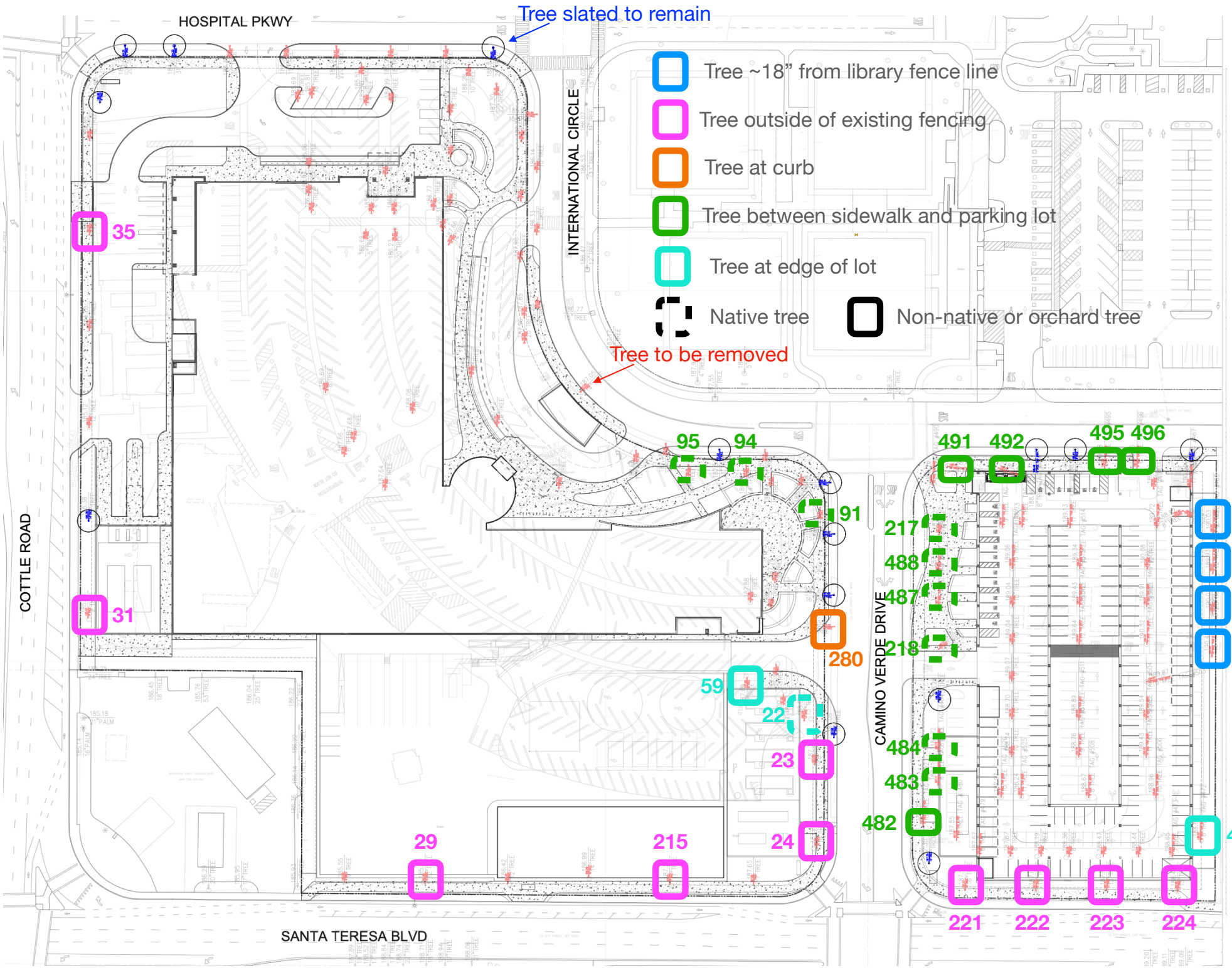
HOSPITAL PKWY
Tree slated to remain
INTERNATIONAL CIRCLE
Tree ~18" from library fence line
Tree outside of existing fencing
Tree at curb
Tree between sidewalk and parking lot
Tree at edge of lot
Native tree
Non-native or orchard tree
Tree to be removed
35
COTTLE ROAD
31
95
94
91
280
59
22
23
24
29
215
491
492
495
496
217
488
487
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484
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482
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224
SANTA TERESA BLVD

Pacific Gas and Electric Company

Plan Review Team
Land Management

PGEPlanReview@pge.com

June 26, 2023

Cort Hitchens
City of San Jose
200 E Santa Clara Sr
San Jose, CA 95113

Re: Kaiser Permanente San Jose Medical Center
250 Hospital Parkway, San Jose, CA 95119

Dear Cort Hitchens,

Thank you for giving us the opportunity to review the subject plans. The proposed Kaiser Permanente San Jose Medical Center is within the same vicinity of PG&E's existing facilities that impact this property.

PG&E operates existing gas and electric distribution facilities currently serving the various Kaiser Medical Center buildings. You must contact PG&E's Service Planning department at www.pge.com/cco for any modification or relocation requests, or for any additional services you may require prior to any proposed demolition or new construction.

You may also contact the Building and Renovation Center (BRSC) for facility map requests by calling 1-877-743-7782.

As a reminder, before any digging or excavation occurs, please contact Underground Service Alert (USA) by dialing 811 a minimum of 2 working days prior to commencing any work. This free and independent service will ensure that all existing underground utilities are identified and marked on-site.

If you have any questions regarding our response, please contact me at alexa.gardea@pge.com.

Sincerely,

Alexa Gardea
Land Management
916-760-5738

From:	Hitchens, Cort
To:	Susan Yogi
Cc:	Eryn Brennan
Subject:	FW: Comments for NOP of the DEIR for the Kaiser Permanente San Jose Medical Center Project, City of San Jose
Date:	Thursday, July 13, 2023 2:54:06 PM
Attachments:	image001.png

Hi Susan,

Please see below for comments from Valley Water on the NOP. No attachment was included, just the emailed comments below.

Thank you,

Cort Hitchens | Planner
City of San José
Planning, Building & Code Enforcement
200 E. Santa Clara Street, 3rd Floor
San José, CA 95113
Direct: (408) 794-7386

From: Andrew Quan <AQuan@valleywater.org>
Sent: Thursday, July 13, 2023 2:22 PM
To: Hitchens, Cort <Cort.Hitchens@sanjoseca.gov>
Cc: Lisa Brancatelli <LBrancatelli@valleywater.org>
Subject: Comments for NOP of the DEIR for the Kaiser Permanente San Jose Medical Center Project, City of San Jose

You don't often get email from aquan@valleywater.org. Learn why this is important

[External Email]

Dear Cort Hitchens,

The Santa Clara Valley Water District (Valley Water) has received the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) for the proposed Kaiser Permanente San Jose Medical Center Project, located at 250 Hospital Parkway, San Jose, received by Valley Water on June 16, 2023.

Valley Water has the following comments on the NOP of the DEIR:

1. According to the Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) 06085C0406H, effective May 18, 2009, the entire site is located within Zone D, representing areas of undetermined flood hazard.

2. Valley Water's ability to meet future water supply demands relies heavily on expanding water conservation measures throughout Santa Clara County. Re-development of the site provides opportunities to minimize water and associated energy use by requiring all available water conservation measures such as incorporating on-site reuse for both storm and graywater, and requiring water conservation measures above State of California standards (i.e., CALGreen).

3. In addition to water conservation, another element of the county's water supply portfolio is natural groundwater recharge, which is precipitation that infiltrates into the groundwater in the recharge areas of the basin. Within these areas, water from the surface passes through permeable sands and gravels to benefit water supply aquifers. The project is in the recharge area of the Santa Clara Subbasin. Natural groundwater recharge has declined over the last 100 years as impermeable surfaces within the built environment have increase stormwater runoff and limit infiltration of precipitation. Precipitation that once supported the groundwater basin through natural recharge is now removed through stormwater infrastructure to San Francisco Bay. New development and redevelopment is subject to stormwater quality requirements; however, not all the methods available support groundwater recharge. To address the long-term cumulative impact to natural groundwater recharge, the City of San Jose should require the project to include stormwater measures that retain stormwater on-site to maintain, and where possible, increase natural groundwater recharge and protect groundwater quality.

4. The project will include a basement and potentially below-ground parking. Groundwater in the project area is typically fairly shallow and dewatering may be required during construction. Impacts to shallow groundwater quality and quantity should be evaluated with measures to minimize the need for dewatering incorporated into the design to the greatest extent possible. Underground structures should be designed for waterproofing that avoids the need for permanent dewatering after construction is complete.

5. The project site is subject to dam inundation as it is within the Leroy Anderson Dam failure inundation zone.

6. Valley Water records indicate that 5 active wells are located on the subject parcels (APN 70605011 and APN 70605035).If the wells will continue to be used following permitted activity, they must be protected so that they do not become lost or damaged during completion of permitted activity. If the wells will not be used following permitted activity, they must be properly destroyed under permit from Valley Water.

   Valley Water records indicate that 1 abandoned well may be located on the subject parcel (APN 70605035). If this well is found on the subject parcel during development, it must be properly destroyed under permit from Valley Water or registered with Valley Water and protected from damage.

   While the District has records for most wells located in the County, it is always possible that a well exists that is not in Valley Water's records. If previously unknown wells are found on the subject property during development, they must be properly destroyed under permit from Valley Water or registered with Valley Water and protected from damage. For more information, please call the Valley Water's

Well Ordinance Program Hotline at 408-630-2660.

7. There is no Valley Water right of way or facilities at the project site; therefore, in accordance with Valley Water's Water Resources Protection Ordinance, a Valley Water encroachment permit is not required for the proposed improvements.

We appreciate the opportunity to comment on the NOP and would also appreciate the opportunity to review the DEIR document when it becomes available. If you have any questions, or need further information, you can reach me at (408) 630-1667, or by e-mail at AQuan@valleywater.org. Please reference Valley Water File No. 34965 on future correspondence regarding this project.

Thank you,

ANDREW QUAN
ASSISTANT ENGINEER II - CIVIL
Community Projects Review Unit
Tel. (408) 630-1667

VALLEY WATER
5750 Almaden Expressway, San Jose CA 95118
www.valleywater.org

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Appendix B

Air Quality Supporting Information

ESA

Data Needs for AQ Analysis - Kaiser San Jose

Please fill out each table to the best of your ability. Only enter data in pink and green shaded cells.
Cells shaded PINK are REQUIRED information.
Cells shaded GREEN have CalEEMod defaults available that will be used in the event no project specific information is available.

PROJECT CHARACTERISTICS

Construction

Construction Start Date	2/3/2025

LAND USE

Please provide details on proposed land uses. Add more rows if necessary.

Proposed Land Uses (i.e. hospital, medical office, parking lot, and parking garage)	Size (square feet)	
Hospital	130909	Foot print only; 650,000 s.f. structure
Medical Office	0	No MOB; potential 250,000 MOB in programmatic analysis
Parking Garage	419,320	7-story garage
Parking Lot	101369	Hospital and Energy Center Paving; 36,000 s.f. energy center
Total site area that would be disturbed during construction	651598	

CONSTRUCTION

CONSTRUCTION PHASING

*This assumes construction will take place in one single phase. If it will be divided up, please add more information about it.**
Please add rows to the table below for each anticipated Construction Phase and subphase of the project.
CalEEMod defaults are available to generate a construction schedule if project specific information is unavailable, as long as a project start date is provided.

Construction Phase	Start Date	End Date	
Demolition	2/3/2025	3/17/2025	Site preparation removing asphalt; hospital would be demolished in future phases (for discussion with ESA)
Site Preparation	2/3/2025	3/17/2025	
Grading (parking structure)	3/17/2025	4/18/2025	Excavation/Lagging
Gradine (hospital)	3/28/2025	6/13/2025	Excavation/Lagging
Trenchine Phase 1 Parking Structure	12/29/2025	3/23/2026	
Trenching Phase 2 Hospital	1/1/2026	1/1/2027	
Building Construction Parking Structure	3/17/2025	5/18/2026	
Building Construction Hospital	6/16/2025	3/15/2028	Does not include commissioning, closeout or startup or punch list
Paving	1/2/2027	7/1/2027	
Architectural Coating Parking Structure	9/6/2025	3/17/2026	
Architectural Coating Hospital	4/9/2026	1/4/2028	

Construction workdays per week - 5, 6, or 7?	5
Weekday construction hours	6:00am to 3:30pm
Weekend construction hours (if applicable)	8:00am - 5:30pm

Add more rows for other Construction Phases if necessary.

CONSTRUCTION EQUIPMENT

Select the type of equipment for each construction phase from the drop down menu in each cell.
Add more rows for other Contruction Phases if necessary. CalEEMod defaults are available in the absence of project specific information.

Construction Phase

Demolition

No building demolition included in current scope of work (for discussion with ESA)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts			8	
Air Compressors				
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws				
Cranes				
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators				
Forklifts				
Generator Sets				
Graders				
Off-Highway Tractors				
Off-Highway Trucks				
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers				
Rough Terrain Forklifts				
Rubber Tired Dozers				
Rubber Tired Loaders				
Scrapers				
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers				
Tractors/Loaders/Backhoes				
Trenchers				
Welders				

Site Preparation

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts				
Air Compressors	2	15	8	
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws	2	5	8	
Cranes				
Crawler Tractors				
Crushing/Proc. Equipment (asphalt grinder)	1	10	8	
Dumpers/Tenders				
Excavators	2	15	8	
Forklifts				
Generator Sets				
Graders	1	5	8	
Off-Highway Tractors				
Off-Highway Trucks				
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers	2	5	8	
Rough Terrain Forklifts	2	25	8	
Rubber Tired Dozers				
Rubber Tired Loaders	2	20	8	
Scrapers	2	10	8	
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers	1	25	8	
Tractors/Loaders/Backhoes	2	20	8	
Trenchers				
Welders				

Grading (parking structure)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts				
Air Compressors				
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws				
Cranes				
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators	1	18	8	
Forklifts				
Generator Sets				
Graders	1	8	8	
Off-Highway Tractors				
Off-Highway Trucks	4	18	8	
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers	1	8	8	
Rough Terrain Forklifts				
Rubber Tired Dozers				
Rubber Tired Loaders				
Scrapers	2	8	8	
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers	1	22	8	
Tractors/Loaders/Backhoes	2	22	8	
Trenchers				
Welders				

Grading (hospital)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts				
Air Compressors	1	40	8	
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws	1	5	8	
Cranes	1	30	8	
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators	2	30	10	
Forklifts				
Generator Sets				
Graders				
Off-Highway Tractors				

Off-Highway Trucks	24	40	8		960 Trucks
Other Construction Equipment					
Other General Industrial Equipment					
Other Material Handling Equipment					
Pavers					
Paving Equipment					
Plate Compactors	4	20	8		
Pressure Washers					
Pumps					
Rollers	2	10	8		
Rough Terrain Forklifts	2	44	8		
Rubber Tired Dozers					
Rubber Tired Loaders	1	30	8		
Scrapers					
Signal Boards					
Skid Steer Loaders					
Surfacing Equipment					
Sweepers/Scrubbers	1	44	8		
Tractors/Loaders/Backhoes	2	40	8		
Trenchers					
Welders					

Trenching (Parking Structure)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts				
Air Compressors	2	4	2	
Bore/Drill Rigs				
Cement and Mortar Mixers	2	7	3	
Concrete/Industrial Saws				
Cranes				
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators	2	10	8	
Forklifts				
Generator Sets				
Graders				
Off-Highway Tractors				
Off-Highway Trucks	2	22	8	
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers	1	4	8	
Rough Terrain Forklifts				
Rubber Tired Dozers				
Rubber Tired Loaders				
Scrapers				
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers	1	22	8	
Tractors/Loaders/Backhoes	2	22	8	
Trenchers				
Welders				

Trenching (Hospital)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts				
Air Compressors	1	80	8	
Bore/Drill Rigs				
Cement and Mortar Mixers	2	80	8	
Concrete/Industrial Saws	1	15	8	
Cranes	1	40	8	
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators	2	60	8	
Forklifts				
Generator Sets				
Graders				
Off-Highway Tractors				
Off-Highway Trucks	2	60	8	
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors	4	80	8	
Pressure Washers				
Pumps				
Rollers	1	12	8	
Rough Terrain Forklifts	2	60	8	
Rubber Tired Dozers				
Rubber Tired Loaders	1	60	8	
Scrapers				
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers	1	90	8	
Tractors/Loaders/Backhoes	2	80	8	
Trenchers				
Welders				

Building Construction (Hospital & Energy Center)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts	6	390	8	
Air Compressors	2	200	8	
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws	2	100	5	
Cranes	1	75	10	
Cranes	1	75	8	
Cranes	1	116.91	8	
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators				
Forklifts				
Generator Sets	1	30	8	
Graders				
Off-Highway Tractors				
Off-Highway Trucks				
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers				
Rough Terrain Forklifts	3.5	649.5	6	
Rubber Tired Dozers				
Rubber Tired Loaders				
Scrapers				
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers	1	704	8	
Tractors/Loaders/Backhoes				
Trenchers				
Welders	8	129.9	8	

Steel
Rebar
Misc

4167 loads of concrete

Steel erection crawler 300 ton crawler,

18 month x 4.33 wks/m * 1.5 davs a week

30 months x 4.33 wk/mth * 5

6 months x 4.33 *5

Trade	Hospital # Trucks	EC # Trucks	
HVAC	300	60	13 months
Electrical	250	40	
Plumbing	150	30	
Framing & drywall	500	50	
Structural Steel	348	5	
Rebar	180	40	150 +20 for elevated decks + 10 for SOG
Floorina	75	4	
ACT	150	5	
Paint	50	5	
Elevators	15		
Misc Metals	60	6	
Metal Deck	12	2	
Fire Proofing	25	0	
Concrete	4227	350	
Total Truck Loads	**6342**	**597**	

Building Construction (Parking Structure)

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts	4	198	8	
Air Compressors	2	110	8	
Bore/Drill Rigs				
Cement and Mortar Mixers	0			
Concrete/Industrial Saws				
Cranes	2	100	8	
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators	2	44	8	
Forklifts				
Generator Sets				
Graders				
Off-Highway Tractors				
Off-Highway Trucks				
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers				
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers				
Rough Terrain Forklifts	2	250		
Rubber Tired Dozers				
Rubber Tired Loaders				
Scrapers				
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers				
Tractors/Loaders/Backhoes				
Trenchers				
Welders	2	88	8	

Trade	# Trucks
Concrete Trucks	2841
Precast Trucks	2500
Steel Trucks	108
Total	5449

Paving Phase

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower
Aerial Lifts				
Air Compressors	2	44	4	
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws				
Cranes				
Crawler Tractors				
Crushing/Proc. Equipment				
Dumpers/Tenders				
Excavators				
Forklifts				
Generator Sets				
Graders	1	30	8	
Off-Highway Tractors				
Off-Highway Trucks				
Other Construction Equipment				
Other General Industrial Equipment				
Other Material Handling Equipment				
Pavers	1	5	8	
Paving Equipment				
Plate Compactors				
Pressure Washers				
Pumps				
Rollers	2	15	8	
Rough Terrain Forklifts				
Rubber Tired Dozers				
Rubber Tired Loaders	2	25	8	
Scrapers	1	30	8	
Signal Boards				
Skid Steer Loaders				
Surfacing Equipment				
Sweepers/Scrubbers				
Tractors/Loaders/Backhoes	1	10	8	
Trenchers	1	22	8	
Welders				

Architectural Coating

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	Horsepower	
Aerial Lifts	2	15	8		
Air Compressors					
Bore/Drill Rigs					
Cement and Mortar Mixers					
Concrete/Industrial Saws					
Cranes					
Crawler Tractors					
Crushing/Proc. Equipment					
Dumpers/Tenders					
Excavators					
Forklifts					
Generator Sets					
Graders					
Off-Highway Tractors					
Off-Highway Trucks					
Other Construction Equipment	2	30	8		Gas powered striping equipment
Other General Industrial Equipment					
Other Material Handling Equipment					
Pavers					
Paving Equipment					
Plate Compactors					
Pressure Washers					
Pumps					
Rollers					
Rough Terrain Forklifts					
Rubber Tired Dozers					
Rubber Tired Loaders					
Scrapers					
Signal Boards					
Skid Steer Loaders					
Surfacing Equipment					
Sweepers/Scrubbers					
Tractors/Loaders/Backhoes					
Trenchers					
Welders					

DUST FROM MATERIAL MOVEMENT

10" Base
6" drain SOG
3.5' backfill basement walls

Only applicable for site preparation and grading subphases. Skip if there are no site preparation or grading subphases throughout the project.

Sub-phase	Volume of Material Imported (cubic yards)	Volume of Material Exported (cubic yards)		
Site Preparation	0	8700	cubic yards	
Grading importing drain rock, baserock, backfill around basement	20584	119247	cubic yards	Hospital = 92,014cy, parking structure = 8,670cy, CUP = 3,116cy, sitework = 9,000cy

Capacity of haul trucks for material import/export (model default is 16 cubic yards/truck)	16	cubic yards

DEMOLITION

Sub-phase	Area	Units (building square footage or tons of debris)	
Building area to be demolished	0	0	
Concrete/asphalt area to be demolished	550000	sf	Existing concrete/asphalt at Hospital/Engergy Center/Parking Stucture

CONSTRUCTION TRIPS AND VEHICLE MILES TRAVELED

Construction phase	Average # of workers/day	# vendor trips/day	# haul trips (trips per day)	<-- Value entered in this column is total # of trucks
Demolition				
Site Prep (parking structure)	20		20	Haul away asphalt
Site Prep (hospital)	30		35	
Grading (parking structure)	25		542	Haul trucks (8,670cy / 16cy/truck)
Grading (hospital)	40		6349	Haul trucks ((92,014cy + 3116cy + 6447cy) / 16cy/truck))
Trenching (parking structure)	20		5	Haul trucks and material trucks
Trenching (hospital)	20		10	Haul trucks and material trucks
Building Construction (parking structure)	80		5449	See truck load breakdown above next to the 'Building Construction Parking Structure' section
Building Construction (hospital & EC)	300		6939	See truck load breakdown above next to the 'Building Conctruction & Energy Center' Equipment section
Paving	20		630	250 concrete trucks, 80 trucks asphalt, 300 trucks for base
Architectural Coating (parking structure)	8		33	33 truck deliveries
Architectural Coating (hospital & EC)	20		120	120 truck deliveries

Construction Trip Distances	Averaze one-way trip length (miles)
Worker	
Vendor	
Haul	

ARCHITECTURAL COATINGS

Please indicate if using Low VOC paints and architectutal coatings.

Sub-phase	VOC of interior building paint (g VOC/Liter paint)	VOC of exterior building paint
Architectural Coating	*Default*	*Default*

OPERATIONAL

Emergency Generators or Fire Pumps - if different from existing hospital

Equip Type	# Equipment	Fuel Type	Horsepower	Tier
Standby Generator	1	Diesel	3356	IV

Boilers - if different from existing hospital

Equip Type	# Equipment	Fuel Type	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

ENERGY USE

Please add an estimate of operational energy use per year in kWh per year.

Electricity		kWh per year
Natural gas		kBTU per year
Propane		kBTU per year

SUSTAINABILITY FEATURES

Please provide a list of any sustainability feautres as part of project design (all-electric buildings, LEED certification, Cool Roofs, outside solar, EV plug-ins at loading docks, stormwater harvesting, etc.).

San Jose Hospital Diesel & Refrigerated Truck Deliveries - Current and Projected
3/20/2023

US Foods (Refrigerator): 52 times per year
Sodexo Magic (Refrigerator): 365 times per year
Cafeteria (Refrigerator): 52 times per year
Prudential Overall Supply: 52 times per year
Cintas: 104 times per year
Cardinal: 365 times per year
Emerald: 365 times per year
Stericycle: 312 per year
Republic: 52 times per year
All-Points: 250 times per year
Clean Harbors: 52 times per year
Praxair: 310 times per year
Matheson Gas: 24 times a year
Guy Brown: 104 times per year
Medline: 52 times per year
Fisher: 52 times per year
Alhambra Water: 52 times per year
UPS: 260 times per year
Fed Ex: 260 times per year
US Mail: 260 times per year

Sarah Patterson

From: Jon Peterson <Jon.Peterson@rsconst.com>
Sent: Saturday, March 18, 2023 11:11 AM
To: Susan Yogi; Jeff Russell; Tina Wehrmeister; Brian Schuster; Lee Ann Knight; Cheri Velzy; Chris Sanchez
Cc: Eryn Brennan; Jyothi Iyer; Hugo Mailloux-Beauchemin; Kelli Quinn
Subject: RE: Kaiser SJMC - AQ Data Request Follow Up

Hello All,

As requested in the meeting, below are the concrete truck counts for the parking structure pour in place option. 2,841 total truck loads.

- Substructure:
  - Mat: 8,670 cy
  - E-pit: 65 cy
  - SOG: 1,536 cy
  - **Total: 10,271 cy / 9 cy / truck = 1,141 trucks**
- Superstructure:
  - CIP walls: 1,086 cy
  - Suspended Slabs, Beams & Columns: 14,209 cy
  - Pan stairs: 11 cy
  - **Total: 15,306 cy / 9 cy / truck = 1,700 trucks**

Thank you,

Jon Peterson
Project Manager
RUDOLPH AND SLETTEN, INC.

(503) 867-0505 mobile

From: Susan Yogi <SYogi@esassoc.com>
Sent: Thursday, March 16, 2023 10:07 AM
To: Jeff Russell <Jeff.Russell@rsconst.com>; Tina Wehrmeister <Tina.X.Wehrmeister@kp.org>; Brian Schuster <BSchuster@esassoc.com>; Jon Peterson <Jon.Peterson@rsconst.com>; Lee Ann Knight <Lee.Ann.Knight@kp.org>; Cheri Velzy <CVelzy@esassoc.com>; Chris Sanchez <CSanchez@esassoc.com>
Cc: Eryn Brennan <EBrennan@esassoc.com>; Jyothi Iyer <JIyer@esassoc.com>; Hugo Mailloux-Beauchemin <Hugo.Mailloux-Beauchemin@rsconst.com>; Kelli Quinn <Kelli.Quinn@rsconst.com>
Subject: [EXTERNAL] RE: Kaiser SJMC - AQ Data Request Follow Up

CAUTION: This email originated from outside of the company's email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina and team,

Below are additional questions for our 4 p.m. call when we go over the construction information. I'm copying Cheri and Chris, who are attending from our air quality and noise side. The items below are regarding the air quality spreadsheet.

Reference Project:

Addendum to the Kaiser Medical Center Precise Plan
Final Environmental Impact Report for the Medical Office Building 2 Project
January 2018

Reference Data:

2.3.5.1 Phase 1
The first phase of development would include demolition of a total of approximately 15,125 square feet of building area, including demolition of the existing Service Building, Laurel Building, and MRI Building. All existing building foundations and surface pavements within the Phase 1 project area would be removed. Existing utilities would be rerouted. A total of 2,000 cubic tons of demolition waste is anticipated to be off-hauled from the project site.
2.3.5.2 Phase 2
Once the MOB2 structure is fully occupied by existing Tower MOB and Oak MOB uses, these buildings, which total approximately 214,144 square feet, would be demolished. All existing building foundations and basements, surface pavements, and utilities serving the Tower MOB and Oak MOB Buildings within the Phase 2 project area would be removed. A total of 25,000 cubic tons of demolition waste is anticipated to be off-hauled from the project site.
pg 3-7

From Appendix A: Air Quality and Greenhouse Gas Emissions Data

Kaiser Redwood City Medical Office Building 2 - Bay Area AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2018	4/20/2018	5	80	
2	Site Preparation	Site Preparation	4/21/2018	6/15/2018	5	40	
3	Grading	Grading	6/16/2018	8/10/2018	5	40	
4	Building Construction	Building Construction	8/11/2018	6/10/2022	5	1000	
5	Paving	Paving	6/11/2022	9/30/2022	5	80	
6	Architectural Coating	Architectural Coating	9/30/2022	1/19/2023	5	80	

Demolition	Cranes	1	8.00	450	0.29
Demolition	Excavators	2	8.00	530	0.38
Demolition	Off-Highway Trucks	1	8.00	455	0.38
Demolition	Rubber Tired Dozers	1	8.00	330	0.40
Demolition	Rubber Tired Loaders	1	8.00	59	0.36
Demolition	Skid Steer Loaders	1	8.00	58	0.37

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	8	18.00	0.00	1,043.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	8	13.00	0.00	2,670.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	8.00	0.00	18,782.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	150.00	66.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	30.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Reference Data:

P1 Demo	15,125	sq ft
P2 Demo	214,144	sq ft
Total Demo	229,269	sq ft

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Day Week	Num Days
1	Demolition	Demolition	1/1/2018	4/20/2018	5	80

Phase Name	Equipment Name	Equipment Count	Hours/day	Horsepower	load factor
Demolition	Cranes	1	8	450	0.29
Demolition	Excavators	2	8	530	0.38
Demolition	Off-Highway Trucks	1	8	455	0.38
Demolition	Rubber Tired Dozers	1	8	330	0.4
Demolition	Rubber Tired Loaders	1	8	59	0.36
Demolition	Skid Steer Loaders	1	8	58	0.37

Phase Name	Worker Trip Number
Demolition	18

Project Assumptions:

CalEEMod Defaults

1	sqft	represents	0.046	short ton	of waste material.
1.2641662	short tons per cubic y `				
16	cubic yard of material per truck				

Project Info

the existing approximately 250,000 -square-foot (sf) hospital [to be demolished]

Demo Scaler 1.0904 project : reference

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Day Week	Num Days	check	check
1	Demolition	Demolition	3/15/2028	7/16/2028	5	88	88	7/16/2028

Phase Name	Equipment Name	Equipment Count	Hours/day	Horsepower	load factor
Demolition	Cranes	1	8	450	0.29
Demolition	Excavators	2	8	530	0.38
Demolition	Off-Highway Trucks	1	8	455	0.38
Demolition	Rubber Tired Dozers	1	8	330	0.4
Demolition	Rubber Tired Loaders	1	8	59	0.36
Demolition	Skid Steer Loaders	1	8	58	0.37

Phase Name	Worker Trip/day	Vendor Trip/day	Total Haul Trips
Demolition	18	0	1138.0

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: County
Region: Santa Clara
Calendar Year: 2024, 2025, 2026, 2027, 2028, 2029
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar	Vehicle C	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy C	NOx_RUI	NOx_IDLI	NOx_STF	NOx_TOT	PM2.5_R	PM2.5_I	PM2.5_S	PM2.5_T	PM2.5_P	PM2.5_B	PM2.5_E	PM2.5_T	PM10_RI	PM10_ID	PM10_SI	PM10_TO	PM10_PI	PM10_BI	PM10_EI	PM10_TO	CO2_RUI	CO2_IDLI
Santa Clara	2024	HHDT	Aggregate	Aggregate	Gasoline	2.58707958	37654.89265	37654.89265	0	16936.9	0	0.25673	0	0.02949	0.28622	0.00015	0	2.7E-05	0.00018	0.00021	0.0014	0.00161	0.00179	0.00016	0	2.9E-05	0.00019	0.00083	0.00401	0.00484	0.00504	90.0948	0
Santa Clara	2024	HHDT	Aggregate	Aggregate	Diesel	8486.693443	31234178	31234178	0	3.9E+07	0	628.488	173.83	124.372	926.69	8.83953	0.07696	0	8.91649	3.01963	0.45233	12.472	21.3885	9.23921	0.08044	0	9.31965	12.0785	27.0067	39.0852	48.4048	562617	34624.2
Santa Clara	2024	HHDT	Aggregate	Aggregate	Electricity	28.33038615	871832.1345	0	871832	118186	1607576	0	0	0	0	0	0	0	0.00825	0.01351	0.02176	0.02176	0	0	0	0	0.033	0.03859	0.0716	0.0716	0	0	
Santa Clara	2024	HHDT	Aggregate	Aggregate	Natural Gas	794.4009638	17032476.39	17032476.39	0	2261912	0	20.3819	3.70342	0	24.0853	0.03237	0.00677	0	0.03913	0.16898	0.89222	1.06119	1.10033	0.0352	0.00736	0	0.04256	0.6759	2.5492	3.2251	3.26766	26051.1	2891.57
Santa Clara	2024	LDA	Aggregate	Aggregate	Gasoline	600108.1665	7734749279	7734749279	0	9.7E+08	0	308.055	0	244.64	552.695	10.0363	0	2.05786	12.0941	17.0522	22.6417	39.6939	51.788	10.9153	0	2.23811	13.1535	68.2088	64.6906	132.899	146.053	2537590	0
Santa Clara	2024	LDA	Aggregate	Aggregate	Diesel	1750.023523	17895996.15	17895996.15	0	2582586	0	4.04188	0	0	4.04188	0.33037	0	0	0.33037	0.03945	0.05337	0.09283	0.4232	0.34531	0	0	0.34531	0.15782	0.15249	0.31031	0.65562	4584.5	0
Santa Clara	2024	LDA	Aggregate	Aggregate	Electricity	57627.40336	858050292.3	0	0	8.6E+08	9.8E+07	3.3E+08	0	0	0	0	0	0	1.89168	1.44998	3.34166	3.34166	0	0	0	0	7.56671	4.14279	11.7095	11.7095	0	0	
Santa Clara	2024	LDA	Aggregate	Aggregate	Plug-in Hybrid	17457.09878	266169544.6	132404328.3	1.3E+08	2.5E+07	4E+07	0.81869	0	2.83143	3.65012	0.18136	0	0.05717	0.23853	0.5868	0.40406	0.99087	1.22939	0.19725	0	0.06217	0.25942	2.34721	1.15446	3.50168	3.7611	44227.8	0
Santa Clara	2024	LDT1	Aggregate	Aggregate	Gasoline	52693.36611	592281866.8	592281866.8	0	8.1E+07	0	71.5817	0	30.4691	102.051	1.13407	0	0.24052	1.37459	1.30576	2.11546	3.42122	4.79581	1.23338	0	0.26158	1.49496	5.22303	6.04419	11.2672	12.7622	228682	0
Santa Clara	2024	LDT1	Aggregate	Aggregate	Diesel	23.46232522	119343.9722	119343.9722	0	23056.3	0	0.20887	0	0	0.20887	0.03149	0	0	0.03149	0.00026	0.00049	0.00075	0.03224	0.03291	0	0	0.03291	0.00105	0.0014	0.00245	0.03537	54.6345	0
Santa Clara	2024	LDT1	Aggregate	Aggregate	Electricity	211.0028132	2779000.029	0	2779000	345069	1072923	0	0	0	0	0	0	0	0.00613	0.00471	0.01084	0.01084	0	0	0	0	0.02451	0.01347	0.03798	0.03798	0	0	
Santa Clara	2024	LDT1	Aggregate	Aggregate	Plug-in Hybrid	67.64577844	1098067.733	490762.8156	607305	97061.2	183424	0.00303	0	0.01097	0.01401	0.00044	0	0.00015	0.00059	0.00242	0.00168	0.0041	0.00469	0.00048	0	0.00016	0.00064	0.00968	0.0048	0.01449	0.01513	164.662	0
Santa Clara	2024	LDT2	Aggregate	Aggregate	Gasoline	285585.4354	3581997167	3581997167	0	4.6E+08	0	233.12	0	152.006	385.127	4.84284	0	1.00127	5.84411	7.89695	12.3487	20.2457	26.0898	5.26702	0	1.08897	6.356	31.5878	35.2821	66.8699	73.2259	1429378	0
Santa Clara	2024	LDT2	Aggregate	Aggregate	Diesel	1015.452853	13166656.49	13166656.49	0	1677895	0	0.57911	0	0	0.57911	0.06986	0	0	0.06986	0.02903	0.04518	0.07421	0.14407	0.07302	0	0	0.07302	0.11611	0.12909	0.2452	0.31822	4458.06	0
Santa Clara	2024	LDT2	Aggregate	Aggregate	Electricity	1597.566708	19269809.31	0	0	1.9E+07	2828372	7439737	0	0	0	0	0	0	0.04248	0.03241	0.07489	0.07489	0	0	0	0	0.16993	0.09259	0.26253	0.26253	0	0	
Santa Clara	2024	LDT2	Aggregate	Aggregate	Plug-in Hybrid	2116.579549	32880924.57	15398684.81	1.7E+07	3036964	5280157	0.09521	0	0.3433	0.43851	0.01692	0	0.0056	0.02252	0.07249	0.05014	0.12263	0.14515	0.0184	0	0.00609	0.02449	0.28996	0.14327	0.43323	0.45772	5158.63	0
Santa Clara	2024	MHDT	Aggregate	Aggregate	Gasoline	1414.551675	21313314.94	2341331.494	0	925468	0	10.7834	0.04704	4.19677	15.0272	0.03516	0	0.00543	0.04059	0.01743	0.40665	0.48407	0.52467	0.03824	0	0.00591	0.04415	0.30971	1.16184	1.47155	1.5157	45650.1	284.957
Santa Clara	2024	MHDT	Aggregate	Aggregate	Diesel	10390.528	135421601.1	135421601.1	0	3.9E+07	0	177.002	45.6397	70.0218	292.664	2.14917	0.09047	0	2.23964	0.44783	2.37961	2.82744	5.06708	2.24635	0.09456	0	2.34091	1.79132	6.79889	8.59021	10.9311	171267	7978.52
Santa Clara	2024	MHDT	Aggregate	Aggregate	Electricity	30.91601406	525516.5085	0	525517	128886	583144	0	0	0	0	0	0	0	0.00174	0.00461	0.00635	0.00635	0	0	0	0	0.00695	0.01317	0.00212	0.02012	0	0	
Santa Clara	2024	MHDT	Aggregate	Aggregate	Natural Gas	90.59448537	1342717.334	1342717.334	0	258218	0	0.18993	0.20251	0	0.39244	0.00174	0.00056	0	0.00231	0.00444	0.02369	0.02813	0.03044	0.0019	0.00061	0	0.00251	0.01776	0.06769	0.08545	0.08796	1457.43	165.168
Santa Clara	2025	HHDT	Aggregate	Aggregate	Gasoline	2.330358956	40856.95689	40856.95689	0	15246.6	0	0.22092	0	0.0216	0.24252	0.00014	0	2.4E-05	0.00016	0.00023	0.00149	0.00171	0.00188	0.00015	0	2.6E-05	0.00018	0.0009	0.00426	0.00516	0.00533	95.0323	0
Santa Clara	2025	HHDT	Aggregate	Aggregate	Diesel	8692.574961	31479675.17	31479675.17	0	4E+07	0	610.236	173.946	128.948	913.13	8.79119	0.07572	0	8.86691	3.04392	0.51512	12.559	21.426	9.18869	0.07914	0	9.26784	12.1757	27.1861	39.3617	48.6296	558252	34743.7
Santa Clara	2025	HHDT	Aggregate	Aggregate	Electricity	63.37120141	2052908.005	0	2052908	257715	3786426	0	0	0	0	0	0	0	0.01935	0.03232	0.05167	0.05167	0	0	0	0	0.0774	0.09233	0.16974	0.16974	0	0	
Santa Clara	2025	HHDT	Aggregate	Aggregate	Natural Gas	832.4050204	17403167.15	17403167.15	0	2357317	0	19.3786	3.7746	0	23.1532	0.03223	0.00723	0	0.03946	0.17265	0.92662	1.09928	1.13873	0.03505	0.00786	0	0.04291	0.69061	2.64749	3.3381	3.38102	26395.6	3014.35
Santa Clara	2025	LDA	Aggregate	Aggregate	Gasoline	598860.2841	7680468398	7680468398	0	9.6E+08	0	276.436	0	232.309	508.746	9.66949	0	1.99916	11.6686	16.9325	22.4808	39.4133	51.082	10.5165	0	2.17427	12.6907	67.7301	64.2309	131.961	144.652	2466819	0
Santa Clara	2025	LDA	Aggregate	Aggregate	Diesel	1620.039911	16278760.38	16278760.38	0	2384304	0	3.24958	0	0	3.24958	0.2734	0	0	0.2734	0.03589	0.04866	0.08455	0.35794	0.28576	0	0	0.28576	0.14355	0.13902	0.28258	0.56834	4126.24	0
Santa Clara	2025	LDA	Aggregate	Aggregate	Electricity	53446.19238	765468838.1	0	0	9.3E+08	1E+08	3.6E+08	0	0	0	0	0	0	2.04291	1.56674	3.60965	3.60965	0	0	0	0	8.17163	4.47641	12.648	12.648	0	0	
Santa Clara	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	19037.66356	286471996.9	139151497.7	1.5E+08	2.7E+07	4.4E+07	0.86041	0	3.08778	3.94819	0.18255	0	0.05978	0.24233	0.63156	0.43635	1.06791	1.31024	0.19854	0	0.06501	0.26356	2.52625	1.24671	3.77296	4.03652	46463.3	0
Santa Clara	2025	LDT1	Aggregate	Aggregate	Gasoline	51680.85517	577652938.4	577652938.4	0	8E+07	0	62.7492	0	28.1808	90.93	1.04356	0	0.22394	1.2675	1.27351	2.06374	3.33724	4.60474	1.13497	0	0.24355	1.37852	5.09403	5.89639	10.9904	12.3689	219047	0
Santa Clara	2025	LDT1	Aggregate	Aggregate	Diesel	21.28272499	105080.5453	105080.5453	0	20518.9	0	0.183	0	0	0.183	0.02759	0	0	0.02759	0.00023	0.00043	0.00066	0.02825	0.02883	0	0	0.02883	0.00093	0.00123	0.00216	0.03099	48.0636	0
Santa Clara	2025	LDT1	Aggregate	Aggregate	Electricity	234.4578241	3235325.212	0	3235325	385099	1249103	0	0	0	0	0	0	0	0.00713	0.00548	0.01262	0.01262	0	0	0	0	0.02853	0.01566	0.0442	0.0442	0	0	
Santa Clara	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	98.11198479	1568156.251	680566.2573	887590	140804	268079	0.00421	0	0.01592	0.02012	0.00061	0	0.00021	0.00082	0.00346	0.00241	0.00587	0.00669	0.00066	0	0.00023	0.00089	0.01383	0.00688	0.02071	0.02161	228.241	0
Santa Clara	2025	LDT2	Aggregate	Aggregate	Gasoline	290874.748	3625353906	3625353906	0	4.7E+08	0	213.678	0	145.514	359.192	4.76335	0	0.99861	5.76197	7.99254	12.5095	20.502	26.264	5.18058	0	1.08608	6.26666	31.9701	35.7414	67.7115	73.9782	1411713	0
Santa Clara	2025	LDT2	Aggregate	Aggregate	Diesel	1049.95238	13412360.92	13412360.92	0	1728178	0	0.5589	0	0	0.5589	0.06988	0	0	0.06988	0.02957	0.04617	0.07573	0.14562	0.07304	0	0	0.07304	0.11828	0.1319	0.25018	0.32322	4450.24	0
Santa Clara	2025	LDT2	Aggregate	Aggregate	Electricity	2157.059035	25561329.25	0	0	2.6E+07	3803947	9868783	0	0	0	0	0	0	0.05635	0.04302	0.09937	0.09937	0	0	0	0	0.22541	0.1229	0.34831	0.34831	0	0	
Santa Clara	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	2561.885139	38977543.74	17789801.4	2.1E+07	3675908	6399330	0.11	0	0.41552	0.52552	0.01882	0	0.00652	0.02535	0.08593	0.05966	0.14559	0.17093	0.02047	0	0.00709	0.02757	0.34372	0.17044	0.51417	0.54174	5956.04	0
Santa Clara	2025	MHDT	Aggregate	Aggregate	Gasoline	1412.262568	23557038.66	2355703.866	0	923892	0	9.09882	0.04574	4.03197	13.1775	0.03499	0	0.00523	0.04022	0.0179	0.40914	0.48704	0.52726	0.03805	0	0.00569	0.04374	0.31161	1.16898	1.48058	1.52432	45365.6	281.724
Santa Clara	2025	MHDT	Aggregate	Aggregate	Diesel	10548.05912	135751393.1	135751393.1	0	3.9E+07	0	162.368	43.9947	71.3041	277.667	1.86461	0.07621	0	1.94082	0.44892	2.3854	2.83432	4.77514	1.94892	0.07966	0	2.02858	1.79568	6.81542	8.61111	10.6397	170789	8022.1
Santa Clara	2025	MHDT	Aggregate	Aggregate	Electricity	90.80851234	1526968.722	0	1526969	373041	1678195	0	0	0	0	0	0	0	0.00505	0.01338	0.01843	0.01843	0	0	0	0	0.0202	0.03824	0.05843	0.05843	0	0	
Santa Clara	2025	MHDT	Aggregate	Aggregate	Natural Gas	98.90627736	1432175.745	1432175.745	0	284519	0	0.18882	0.21949	0	0.40831	0.00194	0.00063	0	0.00257	0.00474	0.02527	0.03001	0.03258	0.00211	0.00069	0	0.00279	0.01894	0.07221	0.09116	0.09395	1545.57	179.963
Santa Clara	2026	HHDT	Aggregate	Aggregate	Gasoline	1.890207523	43737.92788	43737.92788	0	12366.9	0	0.16743	0	0.01061	0.17804	0.00012	0	1.5E-05	0.00013	0.00024	0.00158	0.00182	0.00195	0.00013	0	1.7E-05	0.00014	0.00096	0.0045	0.00547	0.00561	98.0024	0
Santa Clara	2026	HHDT	Aggregate	Aggregate	Diesel	8867.294797	31699572.7	31699572.7	0	4.1E+07	0	592.926	173.072	132.696	898.695	8.80391	0.07423	0	8.87814	3.06584	0.61398	12.6798	21.558	9.20198	0.07759	0	9.27957	12.2633	27.4685	39.7318	49.0114	553197	34748.2
Santa Clara	2026	HHDT	Aggregate	Aggregate	Electricity	110.5302099	3599175.361	0	3599175	450246	6635933	0	0	0	0	0	0	0	0.03395	0.05844	0.09239	0.09239	0	0	0	0	0.13581	0.16696	0.30277	0.30277	0	0	
Santa Clara	2026	HHDT	Aggregate	Aggregate	Natural Gas	863.460788	17670241.42	17670241.42	0	2424149	0	18.2986	3.79241	0	22.091	0.03203	0.0076	0	0.03964	0.1753	0.95816	1.13346	1.1731	0.03484	0.00827	0	0.04311	0.70121	2.73759	3.4388	3.48191	26589.1	3102.33
Santa Clara	2026	LDA	Aggregate	Aggregate	Gasoline	598869.7901	7644918698	7644918698	0	9.6E+08	0	251.826	0	221.994	473.82	9.28851	0	1.94407	11.2326	16.8542	22.3732	39.2274	50.4599	10.1021	0	2.11435	12.2165	67.4166	63.9234	131.34	143.557	2403525	0
Santa Clara	2026	LDA	Aggregate	Aggregate	Diesel	1478.944391	14724709.41	14724709.41	0	2178259	0	2.54727	0	0	2.54727	0.21746	0	0	0.21746	0.03246	0.04409	0.07655	0.29401	0.22729	0	0	0.22729	0.12985	0.12598	0.25583	0.48312	3686.27	0
Santa Clara	2026	LDA	Aggregate	Aggregate	Electricity	54495.23744	779452794.2	0	0	9.5E+08	1E+08	3.7E+08	0	0	0	0	0	0	2.09589	1.60828	3.70417	3.70417	0	0	0	0	8.38354	4.59509	12.9786	12.9786	0	0	
Santa Clara	2026	LDA	Aggregate	Aggregate	Plug-in Hybrid	20380.43428	300645704.8	143136402.1	1.6E+08	2.9E+07	4.8E+07	0.88505	0	3.30557	4.19062	0.17947	0	0.06131	0.24078	0.66281	0.45927	1.12208	1.36286	0.19519	0	0.06668	0.26186	2.65124	1.3122	3.96344	4.22531	47777.9	0
Santa Clara	2026	LDT1	Aggregate	Aggregate	Gasoline	50750.46627	564208285.3	564208285.3	0	7.8E+07	0	55.2615	0	26.1523	81.4138	0.96283	0	0.20923	1.17206	1.24387	2.01597	3.25984	4.4319	1.04716	0	0.22756	1.27472	4.97547	5.75993	10.7354	12.0101	210110	0
Santa Clara	2026	LDT1	Aggregate	Aggregate	Diesel	18.47770915	89025.87049	89025.87049	0	17509.6	0	0.15336	0	0	0.15336	0.02314	0	0	0.02314	0.0002	0.00036	0.00056	0.0237	0.02418	0	0	0.02418	0.00079	0.00104	0.00183	0.02601	40.6264	0
Santa Clara	2026	LDT1	Aggregate	Aggregate	Electricity	263.5822489	3688221.653	0	3688222	435209	1423958	0	0	0	0	0	0	0	0.00813	0.00624	0.01438	0.01438	0	0	0	0	0.03252	0.01784	0.05037	0.05037	0	0	
Santa Clara	2026	LDT1	Aggregate	Aggregate	Plug-in Hybrid	130.6818866	2046634.217	873069.93	1173564	187508	354451	0.0054	0	0.0212	0.02659	0.00075	0	0.00027	0.00102	0.00451	0.00315	0.00766	0.00868	0.00082	0	0.00029	0.00111	0.01805	0.00901	0.02705	0.02816	292.652	0
Santa Clara	2026	LDT2	Aggregate	Aggregate	Gasoline	296178.924	3664765827	3664765827	0	4.8E+08	0	197.456	0	140.242	337.698	4.64457	0	0.989	5.63358	8.07943	12.6591	20.7385	26.3721	5.0514	0	1.07563	6.12703	32.3177	36.1689	68.4866	74.6136	1394182	0
Santa Clara	2026	LDT2	Aggregate	Aggregate	Diesel	1079.589347	13602449.41	13602449.41	0	1771213	0	0.53477	0	0	0.53477	0.06895	0	0	0.06895	0.02999	0.04693	0.07692	0.14587	0.07206	0	0	0.07206	0.11995	0.1341	0.25405	0.32612	4423.55	0
Santa Clara	2026	LDT2	Aggregate	Aggregate	Electricity	2705.078634	31470547.24	0	0	3.1E+07	4747783	1.2E+07	0	0	0	0	0	0	0.06938	0.053	0.12238	0.12238	0	0	0	0	0.27752	0.15142	0.42894	0.42894	0	0	
Santa Clara	2026	LDT2	Aggregate	Aggregate	Plug-in Hybrid	2986.35294	44380006	19885975.39	2.4E+07	4284954	7397927	0.12296	0	0.48437	0.60733	0.02011	0	0.00728	0.02739	0.09784	0.06811	0.16595	0.19334	0.02188	0	0.00791	0.02979	0.39136	0.19461	0.58597	0.61576	6653.56	0
Santa Clara	2026	MHDT	Aggregate	Aggregate	Gasoline	1410.725867	23697046.03	2369724.603	0	922968	0	9.12938	0.04633	4.05007	13.2281	0.03499	0	0.00507	0.04006	0.07837	0.41158	0.48947	0.53	0.03805	0	0.00552	0.04357	0.31346	1.17593	1.48939	1.53267	45613.6	278.739
Santa Clara	2026	MHDT	Aggregate	Aggregate	Diesel	10675.11434	135862074.7	135862074.7	0	4E+07	0	148.198	42.1889	72.0978	262.484	1.61683	0.06349	0	1.68031	0.44929	2.38734	2.83663	4.51694	1.68993	0.06636	0	1.75629	1.79715	6.82097	8.61812	10.3744	169973	8041.9
Santa Clara	2026	MHDT	Aggregate	Aggregate	Electricity	167.5841413	2779164.5	0	2779165	685003	3044223	0	0	0	0	0	0	0	0.00919	0.02435	0.03354	0.03354	0	0	0	0	0.03676	0.06958	0.10635	0.10635	0	0	
Santa Clara	2026	MHDT	Aggregate	Aggregate	Natural Gas	107.6314115	1529352.549	1529352.549	0	312525	0	0.18886	0.23717	0	0.42602	0.00213	0.0007	0	0.00284	0.00506	0.02699	0.03205	0.03488	0.00232	0.00076	0	0.00309	0.02023	0.07711	0.09734	0.10043	1641.49	195.373
Santa Clara	2027	HHDT	Aggregate	Aggregate	Gasoline	1.833105148	48081.3455	48081.3455	0	11993.3	0	0.17546	0	0.00954	0.185	0.00012	0	1.4E-05	0.00013	0.00027	0.00173	0.002	0.00213	0.00013	0	1.5E-05	0.00014	0.00106	0.00495	0.00601	0.00615	106.138	0
Santa Clara	2027	HHDT	Aggregate	Aggregate	Diesel	9011.070537	31862733.2	31862733.2	0	4.1E+07	0	576.673	171.72	135.055	883.448	8.80259	0.07286	0	8.8754	3.08248	9.71914	12.8016	21.677	9.20054	0.07616	0	9.2767	12.3299	27.769	40.0989	49.3756	546553	34649.1
Santa Clara	2027	HHDT	Aggregate	Aggregate	Electricity	177.805179	5801506.113	0	5801506	721430	1.1E+07	0	0	0	0	0	0	0	0.05475	0.09625	0.151	0.151	0	0	0	0	0.21898	0.275	0.49399	0.49399	0	0	
Santa Clara	2027	HHDT	Aggregate	Aggregate	Natural Gas	889.1692008	17865684.81	17865684.81	0	2477798	0	17.1891	3.7886	0	20.9777	0.0318	0.00794	0	0.03974	0.17724	0.98453	1.16177	1.20151	0.03458	0.00864	0	0.04322	0.70897	2.81294	3.5219	3.56512	26665	3171.61
Santa Clara	2027	LDA	Aggregate	Aggregate	Gasoline	599340.5461	7632382492	7632382492	0	9.7E+08	0	232.586	0	213.353	445.939	8.86445	0	1.87851	10.743	16.8265	22.332	39.1585	49.9015	9.6409	0	2.04305	11.684	67.3061	63.8057	131.112	142.796	2351014	0
Santa Clara	2027	LDA	Aggregate	Aggregate	Diesel	1347.747654	13305296.86	13305296.86	0	1985390	0	1.98589	0	0	1.98589	0.17181	0	0	0.17181	0.02933	0.0399	0.06923	0.24104	0.17958	0	0	0.17958	0.11733	0.11399	0.23132	0.4109	3287.6	0
Santa Clara	2027	LDA	Aggregate	Aggregate	Electricity	57294.1868	819320053	0	0	9.7E+08	1E+08	3.8E+08	0	0	0	0	0	0	2.16861	1.66307	3.83013	3.83013	0	0	0	0	8.58385	4.70713	13.291	13.291	0	0	
Santa Clara	2027	LDA	Aggregate	Aggregate	Plug-in Hybrid	21617.53365	313597189.4	146651680.1	1.7E+08	3.1E+07	5E+07	0.90679	0	3.50622	4.41301	0.1744	0	0.06193	0.23633	0.69136	0.48029	1.17165	1.40798	0.18968	0	0.06735	0.25703	2.76545	1.37225	4.1377	4.39473	48940.1	0
Santa Clara	2027	LDT1	Aggregate	Aggregate	Gasoline	49888.15483	552937356.1	552937356.1	0	7.7E+07	0	48.7587	0	24.3633	73.1221	0.8867	0	0.19497	1.08167	1.21902	1.97529	3.19431	4.27598	0.96437	0	0.21205	1.17642	4.87607	5.64368	10.5198	11.6962	202271	0
Santa Clara	2027	LDT1	Aggregate	Aggregate	Diesel	6.227876113	31417.67249	31417.67249	0	6036.24	0	0.04321	0	0	0.04321	0.00678	0	0	0.00678	6.9E-05	0.00013	0.0002	0.00698	0.00709	0	0	0.00709	0.00028	0.00036	0.00064	0.00773	13.6359	0
Santa Clara	2027	LDT1	Aggregate	Aggregate	Electricity	300.4983351	4271470.755	0	4271471	498949	1649140	0	0	0	0	0	0	0	0.00942	0.00723	0.01664	0.01664	0	0	0	0	0.03767	0.02065	0.05831	0.05831	0	0	
Santa Clara	2027	LDT1	Aggregate	Aggregate	Plug-in Hybrid	168.3150499	2599438.171	1094116.956	1501541	241506	453450	0.00677	0	0.0273	0.03406	0.00087	0	0.00033	0.0012	0.00579	0.00403	0.00983	0.01093	0.00095	0	0.00035	0.0013	0.02289	0.01144	0.03433	0.03586	372.2	0
Santa Clara	2027	LDT2	Aggregate	Aggregate	Gasoline	301290.2885	3708037589	3708037589	0	4.9E+08	0	183.695	0	135.861	319.556	4.48602	0	0.96927	5.45528	8.17482	12.8222	20.997	26.4523	4.87895	0	1.05417	5.93312	32.6993	36.6348	69.3341	75.2672	1380443	0
Santa Clara	2027	LDT2	Aggregate	Aggregate	Diesel	1103.123196	13778919.44	13778919.44	0	1806379	0	0.49509	0	0	0.49509	0.0652	0	0	0.0652	0.03038	0.04762	0.078	0.1432	0.06814	0	0	0.06814	0.12151	0.13

Source: EMFAC2021 (v1.0.2) En
Region Type: County
Region: Santa Clara
Calendar Year: 2024, 2025, 202
Season: Summer
Vehicle Classification: EMFAC2(
Units: miles/year for CVMT and

Region	Calendar	Vehicle C	CO2_STR	CO2_TOT	CH4_RUI	CH4_IDLI	CH4_STR	CH4_TOT	N2O_RU	N2O_IDL	N2O_STR	N2O_TO	ROG_RU	ROG_IDL	ROG_STR	ROG_TO	ROG_DIU	ROG_HO	ROG_RUI	ROG_TO	TOG_RUI	TOG_IDL	TOG_STR	TOG_TO	TOG_DIU	TOG_HO	TOG_RUI	TOG_TO	CO_RUN	CO_IDLE	CO_STRE	CO_TOTI	SOx_RUI	SOx_IDLI	SOx_STR	SOx_TOT	NH3_RUI
Santa Clara	2024	HHDT	0.93048	91.0253	0.01066	0	3.6E-06	0.01067	0.00734	0	0.00089	0.00823	0.06463	0	2E-05	0.06465	0.01455	0.00309	0.02608	0.10837	0.09431	0	2.1E-05	0.09433	0.01455	0.00309	0.02608	0.13806	2.28635	0	0.02748	2.31382	0.00089	0	9.2E-06	0.0009	0.00177
Santa Clara	2024	HHDT	0	597241	0.26758	0.73019	0	0.99777	88.6406	5.45506	0	94.0956	5.76084	15.7208	0	21.4816	0	0	0	21.4816	6.55828	17.8969	0	24.4552	0	0	0	24.4552	28.4129	213.175	0	241.587	5.32765	0.32787	0	5.65552	74.0531
Santa Clara	2024	HHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	HHDT	0	28942.6	44.0227	9.91832	0	53.9411	5.31068	0.58947	0	5.90015	0.9544	0.15046	0	1.10485	0	0	0	1.10485	45.2992	10.1323	0	55.4315	0	0	0	55.4315	251.623	20.3355	0	271.958	0	0	0	0	15.9934
Santa Clara	2024	LDA	73329.8	2610920	21.2915	0	64.9379	86.2294	35.4977	0	32.845	68.3427	79.9927	0	291.015	371.008	433.003	104.44	252.05	1160.5	116.725	0	318.625	435.35	433.003	104.44	252.05	1224.84	8304.98	0	2709.97	11015	25.0867	0	0.72494	25.8116	295.954
Santa Clara	2024	LDA	0	4584.5	0.02543	0	0	0.02543	0.72229	0	0	0.72229	0.5474	0	0	0.5474	0	0	0	0.5474	0.62318	0	0	0.62318	0	0	0	0.62318	6.53178	0.04344	0	6.57522	0.04344	0	0	0.04344	0.06115
Santa Clara	2024	LDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LDA	1781.27	46009	0.14034	0	0.9709	1.11123	0.1531	0	0.52898	0.68208	0.43483	0	3.86682	4.30165	4.38614	1.23925	1.08253	11.0096	0.63451	0	4.23368	4.86819	4.38614	1.23925	1.08253	11.5761	83.9181	0	28.2977	112.216	0.43724	0	0.01761	0.45485	5.72178
Santa Clara	2024	LDT1	7564.05	236246	4.34931	0	7.94448	12.2938	5.49125	0	3.22465	8.7159	19.0087	0	39.9592	58.9678	72.0027	16.216	43.5448	190.731	27.7343	0	43.7502	71.4845	72.0027	16.216	43.5448	203.248	1221.13	0	367.426	1588.56	2.26075	0	0.07478	2.33553	23.5552
Santa Clara	2024	LDT1	0	54.6345	0.00182	0	0	0.00182	0.00861	0	0	0.00861	0.03926	0	0	0.03926	0	0	0	0.03926	0.0447	0	0	0.0447	0	0	0	0.0447	0.20965	0	0	0.20965	0.00052	0	0	0.00052	0.00041
Santa Clara	2024	LDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LDT1	7.35039	172.012	0.00052	0	0.00374	0.00426	0.00056	0	0.00203	0.00259	0.00161	0	0.01498	0.0166	0.00964	0.00281	0.00234	0.03138	0.00235	0	0.01641	0.01876	0.00964	0.00281	0.00234	0.03355	0.31494	0	0.10965	0.42459	0.00163	0	7.3E-05	0.0017	0.02272
Santa Clara	2024	LDT2	43871.1	1473249	12.0687	0	35.8588	47.9275	20.9227	0	17.6624	38.5851	46.5983	0	162.922	209.521	193.79	45.1491	113.987	562.447	67.9945	0	178.379	246.374	193.79	45.1491	113.987	599.3	4390.41	0	1474.36	5864.78	14.1309	0	0.43371	14.5646	143.562
Santa Clara	2024	LDT2	0	4458.06	0.00883	0	0	0.00883	0.70237	0	0	0.70237	0.1902	0	0	0.1902	0	0	0	0.1902	0.21653	0	0	0.21653	0	0	0	0.21653	1.88644	0.04224	0	1.92868	0.04224	0	0	0.04224	0.04499
Santa Clara	2024	LDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LDT2	251.057	5409.69	0.01624	0	0.11716	0.1334	0.01762	0	0.06353	0.08116	0.05057	0	0.46883	0.5194	0.34629	0.09503	0.08326	1.04399	0.07379	0	0.51331	0.5871	0.34629	0.09503	0.08326	1.11169	9.8393	0	3.43095	13.2702	0.051	0	0.00248	0.05348	0.71169
Santa Clara	2024	MHDT	463.67	46398.7	0.40312	0.12293	0.45719	0.98323	0.54172	0.00397	0.32027	0.86597	2.00449	0.47963	2.53942	5.02354	1.97862	0.37829	2.90138	10.2818	2.92495	0.69987	2.78034	6.40517	1.97862	0.37829	2.90138	11.6635	41.6703	5.31466	54.6319	101.617	0.4513	0.00282	0.00458	0.45587	1.16087
Santa Clara	2024	MHDT	0	179245	0.22502	0.04224	0	0.26726	26.9831	1.25702	0	28.2401	4.84471	0.90934	0	5.75405	0	0	0	5.75405	5.51533	1.03522	0	6.55055	0	0	0	6.55055	18.0432	25.9939	0	44.0371	1.62179	0.07555	0	1.69734	31.4275
Santa Clara	2024	MHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	MHDT	0	1622.6	1.10375	0.53946	0	1.64321	0.29711	0.03367	0	0.33078	0.01577	0.00771	0	0.02348	0	0	0	0.02348	1.12646	0.55056	0	1.67702	0	0	0	1.67702	4.43412	1.08238	0	5.51651	0	0	0	0	1.5689
Santa Clara	2025	HHDT	0.83654	95.8688	0.00975	0	3.6E-06	0.00975	0.0069	0	0.00067	0.00757	0.05797	0	1.9E-05	0.05799	0.01232	0.00262	0.02209	0.09502	0.08459	0	2.1E-05	0.08461	0.01232	0.00262	0.02209	0.12164	2.25099	0	0.03092	2.28191	0.00094	0	8.3E-06	0.00095	0.00194
Santa Clara	2025	HHDT	0	592995	0.26012	0.74577	0	1.0059	87.9528	5.47388	0	93.4267	5.60037	16.0563	0	21.6567	0	0	0	21.6567	6.3756	18.2789	0	24.6545	0	0	0	24.6545	27.0952	218.099	0	245.194	5.28631	0.329	0	5.61331	74.7819
Santa Clara	2025	HHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2025	HHDT	0	29410	42.8934	10.0703	0	52.9636	5.38092	0.61449	0	5.99542	0.90614	0.15176	0	1.05791	0	0	0	1.05791	44.11	10.2864	0	54.3964	0	0	0	54.3964	249.632	21.4009	0	271.033	0	0	0	0	16.1869
Santa Clara	2025	LDA	71539.2	2538358	19.1464	0	61.0302	80.1766	33.2592	0	31.8467	65.1059	70.6286	0	270.449	341.078	416.728	100.25	244.489	1102.54	103.061	0	296.108	399.169	416.728	100.25	244.489	1160.64	7774.58	0	2551.91	10326.5	24.387	0	0.70724	25.0943	301.496
Santa Clara	2025	LDA	0	4126.24	0.02141	0	0	0.02141	0.65009	0	0	0.65009	0.46105	0	0	0.46105	0	0	0	0.46105	0.52487	0	0	0.52487	0	0	0	0.52487	5.74061	0.0391	0	5.74061	0.0391	0	0	0.0391	0.05563
Santa Clara	2025	LDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2025	LDA	1911.94	48375.2	0.14684	0	1.05418	1.20102	0.1595	0	0.57189	0.73139	0.45699	0	4.21692	4.67391	4.66893	1.34915	1.17782	11.8698	0.66684	0	4.617	5.28384	4.66893	1.34915	1.17782	12.4797	88.0971	0	30.8598	118.957	0.45934	0	0.0189	0.47824	6.07605
Santa Clara	2025	LDT1	7259.79	226307	3.80969	0	7.29097	11.1007	4.93675	0	3.06465	8.0014	16.515	0	36.2547	52.7697	66.4847	15.0704	39.935	174.26	24.0986	0	39.6944	63.793	66.4847	15.0704	39.935	185.283	1100.35	0	335.37	1435.72	2.1655	0	0.07177	2.23727	23.2116
Santa Clara	2025	LDT1	0	48.0636	0.0016	0	0	0.0016	0.00757	0	0	0.00757	0.03441	0	0	0.03441	0	0	0	0.03441	0.03917	0	0	0.03917	0	0	0	0.03917	0.1836	0	0	0.1836	0.00046	0	0	0.00046	0.00036
Santa Clara	2025	LDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2025	LDT1	10.4216	238.663	0.00071	0	0.0054	0.00611	0.00077	0	0.00291	0.00368	0.00224	0	0.02174	0.02397	0.01381	0.00403	0.0033	0.04511	0.00326	0	0.0238	0.02706	0.01381	0.00403	0.0033	0.0482	0.43619	0	0.15907	0.59526	0.00226	0	0.0001	0.00236	0.03151
Santa Clara	2025	LDT2	43538.1	1455251	11.2706	0	34.534	45.8046	19.9069	0	17.3885	37.2954	42.9766	0	155.44	198.416	192.606	44.5944	114.377	549.993	62.7113	0	170.187	232.898	192.606	44.5944	114.377	584.475	4198.48	0	1419.79	5618.27	13.9562	0	0.43042	14.3866	148.34
Santa Clara	2025	LDT2	0	4450.24	0.00891	0	0	0.00891	0.70114	0	0	0.70114	0.1919	0	0	0.1919	0	0	0	0.1919	0.21847	0	0	0.21847	0	0	0	0.21847	1.919	0.04217	0	1.919	0.04217	0	0	0.04217	0.04583
Santa Clara	2025	LDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2025	LDT2	297.94	6253.98	0.01865	0	0.14102	0.15968	0.02014	0	0.07605	0.09619	0.05842	0	0.56747	0.62589	0.41286	0.11528	0.09912	1.25315	0.08525	0	0.62131	0.70656	0.41286	0.11528	0.09912	1.33382	11.3478	0	4.15278	15.5006	0.05888	0	0.00295	0.06183	0.8225
Santa Clara	2025	MHDT	454.408	46101.8	0.33915	0.12418	0.44132	0.90465	0.47526	0.00394	0.31664	0.79584	1.66599	0.48	2.41828	4.56426	1.79547	0.34422	2.62292	9.32687	2.43101	0.70041	2.64771	5.77913	1.79547	0.34422	2.62292	10.5417	34.2688	5.31591	51.7896	91.3743	0.44849	0.00279	0.00449	0.45576	1.16828
Santa Clara	2025	MHDT	0	178811	0.19597	0.0408	0	0.23677	26.9078	1.26389	0	28.1717	4.21915	0.87845	0	5.0976	0	0	0	5.0976	4.80318	1.00005	0	5.80323	0	0	0	5.80323	16.4075	26.4289	0	42.8365	1.61727	0.07596	0	1.69323	31.7075
Santa Clara	2025	MHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2025	MHDT	0	1725.54	1.1863	0.57734	0	1.76364	0.31508	0.03669	0	0.35176	0.01695	0.00825	0	0.0252	0	0	0	0.0252	1.2107	0.58922	0	1.79992	0	0	0	1.79992	4.73006	1.21803	0	5.94809	0	0	0	0	1.67343
Santa Clara	2026	HHDT	0.67692	98.6793	0.00758	0	3.5E-06	0.00759	0.00615	0	0.00039	0.00653	0.04237	0	1.9E-05	0.04239	0.00795	0.00188	0.01587	0.0681	0.06183	0	2.1E-05	0.06185	0.00795	0.00188	0.01587	0.08756	1.66826	0	0.03417	1.70244	0.00097	0	6.7E-06	0.00098	0.00213
Santa Clara	2026	HHDT	0	587945	0.25323	0.75903	0	1.01226	87.1564	5.4746	0	92.631	5.45194	16.3417	0	21.7936	0	0	0	21.7936	6.20662	18.6038	0	24.8104	0	0	0	24.8104	25.8822	222.329	0	248.211	5.23845	0.32904	0	5.56749	75.4462
Santa Clara	2026	HHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	HHDT	0	29691.4	41.4494	10.0672	0	51.5166	5.42035	0.63243	0	6.05278	0.85604	0.15093	0	1.00697	0	0	0	1.00697	42.6027	10.2824	0	52.8851	0	0	0	52.8851	245.977	22.2782	0	268.255	0	0	0	0	16.2649
Santa Clara	2026	LDA	69943.6	2473469	17.4168	0	57.5666	74.9834	31.5096	0	30.9908	62.5004	63.143	0	252.496	315.639	397.267	95.5179	236.87	1045.29	92.1381	0	276.452	368.59	397.267	95.5179	236.87	1098.25	7340.36	0	2415.05	9755.41	23.7613	0	0.69146	24.4528	307.368
Santa Clara	2026	LDA	0	3686.27	0.01752	0	0	0.01752	0.58077	0	0	0.58077	0.37721	0	0	0.37721	0	0	0	0.37721	0.42942	0	0	0.42942	0	0	0	0.42942	4.99011	0.03493	0	5.02504	0.03493	0	0	0.03493	0.05032
Santa Clara	2026	LDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDA	2017.92	49795.9	0.15032	0	1.12319	1.27352	0.16252	0	0.60646	0.76898	0.47008	0	4.51435	4.98443	4.89547	1.4149	1.26044	12.5552	0.68594	0	4.94265	5.62858	4.89547	1.4149	1.26044	13.1994	90.535	0	33.0364	123.571	0.47233	0	0.01995	0.49228	6.30232
Santa Clara	2026	LDT1	6977.5	217088	3.34937	0	6.70469	10.0541	4.46264	0	2.92011	7.38275	14.3959	0	32.9587	47.3546	60.5052	14.0005	36.9535	158.814	21.0064	0	36.0856	57.092	60.5052	14.0005	36.9535	168.551	996.037	0	306.845	1302.88	2.07716	0	0.06898	2.14614	22.9075
Santa Clara	2026	LDT1	0	40.6264	0.00134	0	0	0.00134	0.0064	0	0	0.0064	0.02885	0	0	0.02885	0	0	0	0.02885	0.03284	0	0	0.03284	0	0	0	0.03284	0.15508	0.00038	0	0.15508	0.00038	0	0	0.00038	0.0003
Santa Clara	2026	LDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDT1	13.6605	306.313	0.00091	0	0.00716	0.00807	0.00098	0	0.00384	0.00482	0.00287	0	0.02895	0.03181	0.01828	0.00526	0.00432	0.05967	0.00418	0	0.03169	0.03588	0.01828	0.00526	0.00432	0.06373	0.55377	0	0.21183	0.7706	0.00289	0	0.00013	0.00305	0.04042
Santa Clara	2026	LDT2	43230	1437412	10.5831	0	33.3332	43.9164	19.0655	0	17.1943	36.2597	39.8408	0	148.69	188.531	190.736	43.7734	115.085	538.126	58.1356	0	162.797	220.933	190.736	43.7734	115.085	570.527	4040.47	0	1372.6	5413.07	13.7829	0	0.42737	14.2103	152.693
Santa Clara	2026	LDT2	0	4423.55	0.00892	0	0	0.00892	0.69693	0	0	0.69693	0.19204	0	0	0.19204	0	0	0	0.19204	0.21862	0	0	0.21862	0	0	0	0.21862	1.93949	0.04192	0	1.93949	0.04192	0	0	0.04192	0.04648
Santa Clara	2026	LDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDT2	342.009	6995.57	0.02075	0	0.16356	0.18431	0.02228	0	0.08777	0.11005	0.06531	0	0.66149	0.7268	0.47744	0.13233	0.11503	1.45161	0.0953	0	0.72425	0.81954	0.47744	0.13233	0.11503	1.54435	12.6621	0	4.84084	17.5029	0.06578	0	0.00338	0.06916	0.91964
Santa Clara	2026	MHDT	445.958	45844.1	0.28814	0.12653	0.42755	0.841	0.42077	0.00388	0.31263	0.73729	1.39619	0.48046	2.31229	4.18893	1.63646	0.31826	2.46974	8.61339	2.03731	0.70108	2.53166	5.27006	1.63646	0.31826	2.46974	9.69452	28.3611	5.31861	49.2194	82.8991	0.44604	0.00276	0.00441	0.45521	1.1754
Santa Clara	2026	MHDT	0	178015	0.16988	0.03948	0	0.20937	26.7793	1.26701	0	28.0463	3.65753	0.85004	0	4.50757	0	0	0	4.50757	4.16382	0.96771	0	5.13153	0	0	0	5.13153	14.9108	26.7942	0	41.705	1.60954	0.07615	0	1.68569	31.9163
Santa Clara	2026	MHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	MHDT	0	1836.86	1.27398	0.61691	0	1.89089	0.33463	0.03983	0	0.37446	0.0182	0.00881	0	0.02702	0	0	0	0.02702	1.30019	0.6296	0	1.92979	0	0	0	1.92979	5.0495	1.35836	0	6.40786	0	0	0	0	1.78697
Santa Clara	2027	HHDT	0.65148	106.79	0.00744	0	3.3E-06	0.00745	0.00665	0	0.00036	0.00701	0.04041	0	1.8E-05	0.04043	0.00698	0.00167	0.01403	0.06311	0.05897	0	2E-05	0.05899	0.00698	0.00167	0.01403	0.08167	1.69875	0	0.03704	1.7358	0.00105	0	6.4E-06	0.00106	0.00236
Santa Clara	2027	HHDT	0	581201	0.24637	0.77015	0	1.01651	86.1094	5.45898	0	91.5684	5.30426	16.581	0	21.8853	0	0	0	21.8853	6.03849	18.8762	0	24.9147	0	0	0	24.9147	24.746	225.897	0	250.643	5.17552	0.32811	0	5.50362	75.9631
Santa Clara	2027	HHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2027	HHDT	0	29836.6	39.7654	10.0077	0	49.7731	5.43583	0.64655	0	6.08238	0.80492	0.14935	0	0.95427	0	0	0	0.95427	40.8533	10.2208	0	51.0741	0	0	0	51.0741	241.162	23.0219	0	264.184	0	0	0	0	16.2937
Santa Clara	2027	LDA	68497.6	2419511	16.0229	0	54.4883	70.5112	30.1651	0	30.2627	60.4279	57.1084	0	236.737	293.846	386.916	91.8561	233.48	1006.1	83.3324	0	259.197	342.53	386.916	91.8561	233.48	1054.78	6990.76	0	2295.6	9286.36	23.2422	0	0.67717	23.9193	313.77
Santa Clara	2027	LDA	0	3287.6	0.01429	0	0	0.01429	0.51796	0	0	0.51796	0.30766	0	0	0.30766	0	0	0	0.30766	0.35025	0	0	0.35025	0	0	0	0.35025	4.33512	0	0	4.33512	0.03115	0	0	0.03115	0.04547
Santa Clara	2027	LDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2027	LDA	2113.03	51053.2	0.15338	0	1.18643	1.3398	0.16513	0	0.63795	0.80308	0.48162	0	4.78837	5.26999	5.37189	1.52421	1.47967	13.6458	0.70278	0	5.24267	5.94545	5.37189	1.52421	1.47967	14.3212	92.6988	0	35.0417	127.741	0.48382	0	0.02089	0.50471	6.50537
Santa Clara	2027	LDT1	6716.7	208987	2.95127	0	6.18095	9.13222	4.05239	0	2.79123	6.84363	12.5628	0	30.0341	42.5969	56.7299	13.0253	34.5461	146.898	18.3316	0	32.8836	51.2152	56.7299	13.0253	34.5461	155.516	905.179	0	281.393	1186.57	1.99965	0	0.0664	2.06605	22.7048
Santa Clara	2027	LDT1	0	13.6359	0.00039	0	0	0.00039	0.00215	0	0	0.00215	0.00844	0	0	0.00844	0	0	0	0.00844	0.00961	0	0	0.00961	0	0	0	0.00961	0.06036	0	0	0.06036	0.00013	0	0	0.00013	0.00011
Santa Clara	2027	LDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2027	LDT1	17.3985	383.98	0.00114	0	0.00919	0.01033	0.00122	0	0.00492	0.00614	0.00359	0	0.03728	0.04088	0.02357	0.00673	0.00555	0.07671	0.00524	0	0.04087	0.04606	0.02357	0.00673	0.00555	0.0881	0.69936	0	0.27284	0.9722	0.00362	0	0.00017	0.00328	0.05065
Santa Clara	2027	LDT2	42946.7	1423390	10.0075	0	32.2397	42.2471	18.3747	0	17.0618	35.4365	37.179	0	142.559	179.738	189.11	42.9802	115.208	527.036	54.2515	0	156.084	210.336	189.11	42.9802	115.208	557.634	3917.3	0

Source: EMFAC2021 (v1.0.2) En
Region Type: County
Region: Santa Clara
Calendar Year: 2024, 2025, 202
Season: Summer
Vehicle Classification: EMFAC2(
Units: miles/year for CVMT and

Region	Calendar	Vehicle C	Fuel Consumption
Santa Clara	2024	HHDT	9.5985
Santa Clara	2024	HHDT	53351.3
Santa Clara	2024	HHDT	0
Santa Clara	2024	HHDT	3345.33
Santa Clara	2024	LDA	275318
Santa Clara	2024	LDA	409.531
Santa Clara	2024	LDA	0
Santa Clara	2024	LDA	4851.59
Santa Clara	2024	LDT1	24911.8
Santa Clara	2024	LDT1	4.88048
Santa Clara	2024	LDT1	0
Santa Clara	2024	LDT1	18.1384
Santa Clara	2024	LDT2	155352
Santa Clara	2024	LDT2	398.237
Santa Clara	2024	LDT2	0
Santa Clara	2024	LDT2	570.445
Santa Clara	2024	MHDT	4892.69
Santa Clara	2024	MHDT	16011.9
Santa Clara	2024	MHDT	0
Santa Clara	2024	MHDT	187.548
Santa Clara	2025	HHDT	10.1092
Santa Clara	2025	HHDT	52972
Santa Clara	2025	HHDT	0
Santa Clara	2025	HHDT	3399.34
Santa Clara	2025	LDA	267667
Santa Clara	2025	LDA	368.595
Santa Clara	2025	LDA	0
Santa Clara	2025	LDA	5101.11
Santa Clara	2025	LDT1	23863.7
Santa Clara	2025	LDT1	4.2935
Santa Clara	2025	LDT1	0
Santa Clara	2025	LDT1	25.1667
Santa Clara	2025	LDT2	153454
Santa Clara	2025	LDT2	397.539
Santa Clara	2025	LDT2	0
Santa Clara	2025	LDT2	659.474
Santa Clara	2025	MHDT	4861.37
Santa Clara	2025	MHDT	15973.1
Santa Clara	2025	MHDT	0
Santa Clara	2025	MHDT	199.446
Santa Clara	2026	HHDT	10.4056
Santa Clara	2026	HHDT	52520.9
Santa Clara	2026	HHDT	0
Santa Clara	2026	HHDT	3431.87
Santa Clara	2026	LDA	260824
Santa Clara	2026	LDA	329.293
Santa Clara	2026	LDA	0
Santa Clara	2026	LDA	5250.91
Santa Clara	2026	LDT1	22891.7
Santa Clara	2026	LDT1	3.62914
Santa Clara	2026	LDT1	0
Santa Clara	2026	LDT1	32.3003
Santa Clara	2026	LDT2	151573
Santa Clara	2026	LDT2	395.154
Santa Clara	2026	LDT2	0
Santa Clara	2026	LDT2	737.674
Santa Clara	2026	MHDT	4834.12
Santa Clara	2026	MHDT	15902
Santa Clara	2026	MHDT	0
Santa Clara	2026	MHDT	212.313
Santa Clara	2027	HHDT	11.2609
Santa Clara	2027	HHDT	51918.4
Santa Clara	2027	HHDT	0
Santa Clara	2027	HHDT	3448.66
Santa Clara	2027	LDA	255134
Santa Clara	2027	LDA	293.68
Santa Clara	2027	LDA	0
Santa Clara	2027	LDA	5383.49
Santa Clara	2027	LDT1	22037.5
Santa Clara	2027	LDT1	1.21809
Santa Clara	2027	LDT1	0
Santa Clara	2027	LDT1	40.4902
Santa Clara	2027	LDT2	150095
Santa Clara	2027	LDT2	392.413
Santa Clara	2027	LDT2	0
Santa Clara	2027	LDT2	819.145
Santa Clara	2027	MHDT	4790.34
Santa Clara	2027	MHDT	15775.7
Santa Clara	2027	MHDT	0
Santa Clara	2027	MHDT	224.255
Santa Clara	2028	HHDT	11.5092
Santa Clara	2028	HHDT	51161.1
Santa Clara	2028	HHDT	0
Santa Clara	2028	HHDT	3452.85
Santa Clara	2028	LDA	250109
Santa Clara	2028	LDA	260.157
Santa Clara	2028	LDA	0
Santa Clara	2028	LDA	5491.28
Santa Clara	2028	LDT1	21252.9
Santa Clara	2028	LDT1	0.66286
Santa Clara	2028	LDT1	0
Santa Clara	2028	LDT1	49.6108
Santa Clara	2028	LDT2	148780
Santa Clara	2028	LDT2	389.592
Santa Clara	2028	LDT2	0
Santa Clara	2028	LDT2	902.024
Santa Clara	2028	MHDT	4719.27
Santa Clara	2028	MHDT	15563
Santa Clara	2028	MHDT	0
Santa Clara	2028	MHDT	234.622
Santa Clara	2029	HHDT	12.2796
Santa Clara	2029	HHDT	50314
Santa Clara	2029	HHDT	0
Santa Clara	2029	HHDT	3452.15
Santa Clara	2029	LDA	245651
Santa Clara	2029	LDA	230.483
Santa Clara	2029	LDA	0
Santa Clara	2029	LDA	5572.39
Santa Clara	2029	LDT1	20536.2
Santa Clara	2029	LDT1	0.36042
Santa Clara	2029	LDT1	0
Santa Clara	2029	LDT1	59.6716
Santa Clara	2029	LDT2	147542
Santa Clara	2029	LDT2	386.699
Santa Clara	2029	LDT2	0
Santa Clara	2029	LDT2	985.008
Santa Clara	2029	MHDT	4617.97
Santa Clara	2029	MHDT	15258.5
Santa Clara	2029	MHDT	0
Santa Clara	2029	MHDT	243.104

| | Emission Factors (g
Calendar | Vehicle C |
|---|---|---|
| 2024_HHDT | 2024 | HHDT |
| 2024_LDA | 2024 | LDA |
| 2024_LDT1 | 2024 | LDT1 |
| 2024_LDT2 | 2024 | LDT2 |
| 2024_MHD | 2024 | MHDT |
| 2025_HHDT | 2025 | HHDT |
| 2025_LDA | 2025 | LDA |
| 2025_LDT1 | 2025 | LDT1 |
| 2025_LDT2 | 2025 | LDT2 |
| 2025_MHD | 2025 | MHDT |
| 2026_HHDT | 2026 | HHDT |
| 2026_LDA | 2026 | LDA |
| 2026_LDT1 | 2026 | LDT1 |
| 2026_LDT2 | 2026 | LDT2 |
| 2026_MHD | 2026 | MHDT |
| 2027_HHDT | 2027 | HHDT |
| 2027_LDA | 2027 | LDA |
| 2027_LDT1 | 2027 | LDT1 |
| 2027_LDT2 | 2027 | LDT2 |
| 2027_MHD | 2027 | MHDT |
| 2028_HHDT | 2028 | HHDT |
| 2028_LDA | 2028 | LDA |
| 2028_LDT1 | 2028 | LDT1 |
| 2028_LDT2 | 2028 | LDT2 |
| 2028_MHD | 2028 | MHDT |
| 2029_HHDT | 2029 | HHDT |
| 2029_LDA | 2029 | LDA |
| 2029_LDT1 | 2029 | LDT1 |
| 2029_LDT2 | 2029 | LDT2 |
| 2029_MHD | 2029 | MHDT |

Construction Entrained Dust Calculation
Kaiser San Jose
Santa Clara County

Road Dust Equation

E [lb/VMT] = k*(sL)^0.91 * (W)^1.02 * (1-P/4N)

Where:
E = the particulate emission factor in units of pounds of particulate matter per VMT
k = the U.S. EPA AP-42 particle size multiplier (PM_{10} = 0.0022 lb/VMT),[1]
sL = the roadway-specific silt loading in grams/square meter (g/m^2),[2,3,4,5]
W = the average weight of vehicles traveling the road (California statewide default = 2.4 tons),[5]
P = number of "wet" days, when at least one site per county received at least 0.01 inch of precipitation during the annual averaging period,[9] and
N = the number of days in the annual averaging period (default = 365)

Source: California Air Resources Board (CARB), Miscellaneous Process Methodology 7.9 — Entrained Road Travel, Paved Road Dust. Revised and updated March 2021, https://ww3.arb.ca.gov/ei/areasrc/fullpdf/2021_paved_roads_7_9.pdf

Silt Loading Factor

Source: CARB, 2021.

Table 3.a: California Default Statewide and Local Silt Loading Values

Silt Loadings (g/m2)			
Freeway	**Major**	**Collector**	**Local**
0.015	0.032	0.032	0.32

Table 2. 2017 Roadway Travel Fraction and VMT Estimates for California Entrained Paved			
0.49	0.37	0.06	0.07

Re-entrained PAVED Road Dust Emission Factors

Methodology

Calculation Methodology: USEPA AP-42, Paved Roads, Section 13.2.1, Revised January 2011:
http://www.epa.gov/ttn/chief/ap42/ch13/final/c13s0201.pdf

K-value from CARB, 2021.

Pollutant	Variables					E_{ext} (g/mi)
	k	sL	W	P	N	
PM10	1.00	0.04351	2.4	63	365	**0.13483**
PM2.5	0.15	0.04351	2.4	63	365	**0.02022**

Where:	**Source**
E = particulate emission factor (grams of particulate matter/VMT)	*calculation*
k = particle size multiplier (g/VMT)	*Table 13.2.1-1 Particle Size Multipliers for Paved Road Equation of USEPA, 2011.*
sL = local roadway silt loading (g/m2)	*CARB, 2021.*
W = average weight of vehicles on the road (tons)	*CARB, 2021.*
P = number of wet days with at least 0.254mm of precipitation	*Table 5 of CARB, 2021.*
N = number of days in the averaging period	annual days (365)

Kaiser San Jose
Construction Off-road and Mobile Exhaust Calculations
Demolition of Hospital ONLY

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	squart feet	3.01
Parking Garage	419,320	squart feet	1.38
Parking Lot	101,369	squart feet	2.33

Project Design Features

Architectural Coating	
1%	exterior of hospital painted

Construction Schedule
HIDE ROW
HIDE ROW

							Workdays By Year				Workday Fraction By Year			
							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
1	Demolition	Demolition	3/15/2028	7/16/2028	5	88	0	0	0	88	0.00	0.00	0.00	1.00
		Full Phase	**3/15/2028**	**7/16/2028**	5	88	**0**	**0**	**0**	**88**				
		Full Construction	**2/3/2025**	**7/16/2028**	5	900	**238**	**261**	**261**	**140**				

Off-Road Equipment Info

											Equipment Hours by Year			
Phase Number	Phase Name	Offroad Equipment Type	NAME MATCH Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Horse Power	Load Factor	Total Hours Use	2025	2026	2027	2028
1	Demolition	Cranes	Cranes	Diesel	1	88	8	450	0.29	704	0.0	0.0	0.0	704.0
1	Demolition	Excavators	Excavators	Diesel	2	88	8	530	0.38	1408	0.0	0.0	0.0	1408.0
1	Demolition	Off-Highway Trucks	Off-Highway Tr	Diesel	1	88	8	455	0.38	704	0.0	0.0	0.0	704.0
1	Demolition	Rubber Tired Dozers	Rubber Tired D	Diesel	1	88	8	330	0.4	704	0.0	0.0	0.0	704.0
1	Demolition	Rubber Tired Loaders	Rubber Tired L	Diesel	1	88	8	59	0.36	704	0.0	0.0	0.0	704.0
1	Demolition	Skid Steer Loaders	Skid Steer Load	Diesel	1	88	8	58	0.37	704	0.0	0.0	0.0	704.0

Worker Trips

					Total Miles by Year			
Phase Number	Phase Name	Worker Trips (Total)	Worker Trip	Worker Vehicle				
		Number	Length (mi)	Class	2025	2026	2027	2028
1	Demolition	1584.00	11.7	LD_Mix	0.00	0.00	0.00	18532.80

Vendor Info

					Total Miles by Year			
Phase Number	Phase Name	Vendor Trip (Total)	Vendor Trip	Vendor				
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
1	Demolition	0.00	8.4	HDT_Mix	0.00	0.00	0.00	0.00

Haul Truck Info

					Total Miles by Year			
Phase Number	Phase Name	Hauling Trip (Total)	Hauling Trip	Hauling				
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
1	Demolition	1138.00	20	HHDT	0.00	0.00	0.00	22760.00

Offroad Emissions Estimates

Offroad Emission Factors

Offroad Equipment MATCH	Fuel Type	Horse Power	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
		HP HIGH	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr
Cranes	Diesel	600	0.201	1.95	0.079	0.073	0.198	1.837	0.075	0.069	0.195	1.748	0.072	0.066	0.187	1.601	0.066	0.061
Excavators	Diesel	600	0.115	0.714	0.025	0.023	0.114	0.681	0.024	0.022	0.112	0.62	0.022	0.02	0.11	0.579	0.021	0.019
Off-Highway Trucks	Diesel	600	0.177	1.086	0.038	0.035	0.176	1.011	0.036	0.033	0.176	0.965	0.034	0.031	0.174	0.889	0.032	0.029
Rubber Tired Dozers	Diesel	600	0.371	3.506	0.154	0.142	0.353	3.223	0.142	0.131	0.343	3.091	0.135	0.125	0.342	3.041	0.134	0.123
Rubber Tired Loaders	Diesel	75	1.951	15.449	1.133	1.042	1.951	15.449	1.133	1.042	1.59	12.46	1.012	0.931	1.39	9.088	1.042	0.958
Skid Steer Loaders	Diesel	75	0.139	1.862	0.056	0.052	0.134	1.807	0.051	0.047	0.129	1.753	0.047	0.043	0.126	1.712	0.043	0.039

Offroad Emissions

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Offroad Equipment	Horse Power	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Cranes	450	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	324.3	13.4	12.4
Demolition	Excavators	530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.8	362.0	13.1	11.9
Demolition	Off-Highway Trucks	455	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7	238.6	8.6	7.8
Demolition	Rubber Tired Dozers	330	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.1	623.0	27.5	25.2
Demolition	Rubber Tired Loaders	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.8	299.6	34.4	31.6
Demolition	Skid Steer Loaders	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	57.0	1.4	1.3
Totals	Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	273.42	1904.44	98.32	90.10

Onroad Emissions Estimates

Exhaust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi
Worker	50%	LDA	0.114	0.053	0.001	0.001	0.108	0.049	0.001	0.001	0.104	0.046	0.001	0.001	0.099	0.044	0.001	0.001
Worker	25%	LDT1	0.271	0.142	0.002	0.002	0.253	0.130	0.002	0.002	0.238	0.119	0.002	0.002	0.229	0.109	0.002	0.002
Worker	25%	LDT2	0.135	0.088	0.002	0.001	0.130	0.082	0.002	0.001	0.126	0.076	0.001	0.001	0.121	0.072	0.001	0.001
Vendor	50%	MHDT	0.081	1.628	0.012	0.011	0.073	1.520	0.010	0.010	0.066	1.417	0.009	0.008	0.060	1.315	0.007	0.007
Vendor	50%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Haul	100%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Worker			0.158	0.084	0.002	0.001	0.150	0.077	0.002	0.001	0.143	0.072	0.001	0.001	0.137	0.067	0.001	0.001
Vendor			0.071	2.085	0.018	0.018	0.067	1.995	0.017	0.017	0.063	1.907	0.017	0.016	0.060	1.817	0.016	0.015
Haul			0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023

Fugitive Dust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi
Worker	50%	LDA	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020
Worker	25%	LDT1	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Worker	25%	LDT2	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Vendor	50%	MHDT	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.056	0.135	0.019	0.020
Vendor	50%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Haul	100%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Worker			0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020
Vendor			0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020
Haul			0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020

Onroad Exhaust Emissions - Worker

Phase Name	Vehicle Category	Trip Type	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.599	2.730	0.056	0.051

Onroad Exhaust Emissions - Vendor

Phase Name	Vehicle Category	Trip Type	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Onroad Exhaust Emissions - Haul

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Vehicle Category	Trip Type	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.005	116.416	1.222	1.169
Totals	Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.60	119.15	1.28	1.22

Fugitive Dust Emission - Worker

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.656	5.509	0.197	0.826

Fugitive Dust Emission - Vendor

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Fugitive Dust Emission - Haul

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs

Demolition	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.877	6.765	1.881	1.015
Totals	Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.53	12.27	2.08	1.84

Kaiser San Jose
Construction Off-road and Mobile Exhaust Calculations
Hospital and Parking Garage Construction (no demo)

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	squart feet	3.01
Parking Garage	419,320	squart feet	1.38
Parking Lot	101,369	squart feet	2.33

Project Design Features

Architectural Coating	
1%	exterior of hospital painted

Construction Schedule
HIDE ROW
HIDE ROW

							Workdays By Year				Workday Fraction By Year			
							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
2	Site Preparation	Site Preparation	2/3/2025	3/17/2025	5	31	31	0	0	0	1.00	0.00	0.00	0.00
3	Grading (parking structure)	Grading	3/17/2025	4/18/2025	5	25	25	0	0	0	1.00	0.00	0.00	0.00
4	Grading (hospital)	Grading	3/28/2025	6/13/2025	5	56	56	0	0	0	1.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking	Grading	12/29/2025	3/23/2026	5	61	3	58	0	0	0.05	0.95	0.00	0.00
6	Trenching Phase 2 Hospital	Grading	1/1/2026	1/1/2027	5	262	0	261	1	0	0.00	1.00	0.00	0.00
7	Building Construction Parking	Building Construction	3/17/2025	5/18/2026	5	306	208	98	0	0	0.68	0.32	0.00	0.00
8	Building Construction Hospital	Building Construction	6/16/2025	3/15/2028	5	718	143	261	261	53	0.20	0.36	0.36	0.07
9	Paving	Paving	1/2/2027	7/1/2027	5	129	0	0	129	0	0.00	0.00	1.00	0.00
10	Architectural Coating Parking	Architectural Coating	9/6/2025	3/17/2026	5	137	83	54	0	0	0.61	0.39	0.00	0.00
11	Architectural Coating Hospital	Architectural Coating	4/9/2026	1/4/2028	5	454	0	191	261	2	0.00	0.42	0.57	0.00
		Full Phase	**2/3/2025**	**3/15/2028**	5	813	**238**	**261**	**261**	**53**				
		Full Construction	**2/3/2025**	**7/16/2028**	5	900	**238**	**261**	**261**	**140**				

Off-Road Equipment Info

											Equipment Hours by Year			
Phase Number	Phase Name	Offroad Equipment Type	NAME MATCH Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Horse Power	Load Factor	Total Hours Use	2025	2026	2027	2028
2	Site Preparation	Air Compressors	Air Compressor	Diesel	2	15	8	37	0.48	240	240.0	0.0	0.0	0.0
2	Site Preparation	Concrete/Industrial Saws	Concrete/Indu	Diesel	2	5	8	33	0.73	80	80.0	0.0	0.0	0.0
2	Site Preparation	Crushing/Proc. Equipment (asp	Other Construc	Diesel	1	10	8	82	0.42	80	80.0	0.0	0.0	0.0
2	Site Preparation	Excavators	Excavators	Diesel	2	15	8	36	0.38	240	240.0	0.0	0.0	0.0
2	Site Preparation	Graders	Graders	Diesel	1	5	8	148	0.41	40	40.0	0.0	0.0	0.0
2	Site Preparation	Rollers	Rollers	Diesel	2	5	8	36	0.38	80	80.0	0.0	0.0	0.0
2	Site Preparation	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	25	8	96	0.4	400	400.0	0.0	0.0	0.0
2	Site Preparation	Rubber Tired Loaders	Rubber Tired L	Diesel	2	20	8	150	0.36	320	320.0	0.0	0.0	0.0
2	Site Preparation	Scrapers	Scrapers	Diesel	2	10	8	423	0.48	160	160.0	0.0	0.0	0.0
2	Site Preparation	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	25	8	36	0.46	200	200.0	0.0	0.0	0.0
2	Site Preparation	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	20	8	84	0.37	320	320.0	0.0	0.0	0.0
3	Grading (parking structure)	Excavators	Excavators	Diesel	1	18	8	36	0.38	144	144.0	0.0	0.0	0.0
3	Grading (parking structure)	Graders	Graders	Diesel	1	8	8	148	0.41	64	64.0	0.0	0.0	0.0
3	Grading (parking structure)	Rollers	Rollers	Diesel	1	8	8	36	0.38	64	64.0	0.0	0.0	0.0
3	Grading (parking structure)	Scrapers	Scrapers	Diesel	2	8	8	423	0.48	128	128.0	0.0	0.0	0.0
3	Grading (parking structure)	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	22	8	36	0.46	176	176.0	0.0	0.0	0.0
3	Grading (parking structure)	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	22	8	84	0.37	352	352.0	0.0	0.0	0.0
4	Grading (hospital)	Air Compressors	Air Compressor	Diesel	1	40	8	37	0.48	320	320.0	0.0	0.0	0.0
4	Grading (hospital)	Concrete/Industrial Saws	Concrete/Indu	Diesel	1	5	8	33	0.73	40	40.0	0.0	0.0	0.0
4	Grading (hospital)	Cranes	Cranes	Diesel	1	30	8	367	0.29	240	240.0	0.0	0.0	0.0
4	Grading (hospital)	Excavators	Excavators	Diesel	2	30	10	36	0.38	600	600.0	0.0	0.0	0.0
4	Grading (hospital)	Plate Compactors	Plate Compacto	Diesel	4	20	8	8	0.43	640	640.0	0.0	0.0	0.0
4	Grading (hospital)	Rollers	Rollers	Diesel	2	10	8	36	0.38	160	160.0	0.0	0.0	0.0
4	Grading (hospital)	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	44	8	96	0.4	704	704.0	0.0	0.0	0.0
4	Grading (hospital)	Rubber Tired Loaders	Rubber Tired L	Diesel	1	30	8	150	0.36	240	240.0	0.0	0.0	0.0
4	Grading (hospital)	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	44	8	36	0.46	352	352.0	0.0	0.0	0.0
4	Grading (hospital)	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	40	8	84	0.37	640	640.0	0.0	0.0	0.0
5	Trenching Phase 1 Parking	Air Compressors	Air Compressor	Diesel	2	4	2	37	0.48	16	0.8	15.2	0.0	0.0
5	Trenching Phase 1 Parking	Cement and Mortar Mixers	Cement and M	Diesel	2	7	3	10	0.56	42	2.1	39.9	0.0	0.0
5	Trenching Phase 1 Parking	Excavators	Excavators	Diesel	2	10	8	36	0.38	160	7.9	152.1	0.0	0.0
5	Trenching Phase 1 Parking	Rollers	Rollers	Diesel	1	4	8	36	0.38	32	1.6	30.4	0.0	0.0
5	Trenching Phase 1 Parking	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	22	8	36	0.46	176	8.7	167.3	0.0	0.0
5	Trenching Phase 1 Parking	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	22	8	84	0.37	352	17.3	334.7	0.0	0.0
6	Trenching Phase 2 Hospital	Air Compressors	Air Compressor	Diesel	1	80	8	37	0.48	640	0.0	637.6	2.4	0.0
6	Trenching Phase 2 Hospital	Cement and Mortar Mixers	Cement and M	Diesel	2	80	8	10	0.56	1280	0.0	1275.1	4.9	0.0
6	Trenching Phase 2 Hospital	Concrete/Industrial Saws	Concrete/Indu	Diesel	1	15	8	33	0.73	120	0.0	119.5	0.5	0.0
6	Trenching Phase 2 Hospital	Cranes	Cranes	Diesel	1	40	8	367	0.29	320	0.0	318.8	1.2	0.0
6	Trenching Phase 2 Hospital	Excavators	Excavators	Diesel	2	60	8	36	0.38	960	0.0	956.3	3.7	0.0
6	Trenching Phase 2 Hospital	Plate Compactors	Plate Compacto	Diesel	4	80	8	8	0.43	2560	0.0	2550.2	9.8	0.0
6	Trenching Phase 2 Hospital	Rollers	Rollers	Diesel	1	12	8	36	0.38	96	0.0	95.6	0.4	0.0
6	Trenching Phase 2 Hospital	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	60	8	96	0.4	960	0.0	956.3	3.7	0.0
6	Trenching Phase 2 Hospital	Rubber Tired Loaders	Rubber Tired L	Diesel	1	60	8	150	0.36	480	0.0	478.2	1.8	0.0
6	Trenching Phase 2 Hospital	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	90	8	36	0.46	720	0.0	717.3	2.7	0.0
6	Trenching Phase 2 Hospital	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	80	8	84	0.37	1280	0.0	1275.1	4.9	0.0
7	Building Construction Parking	Aerial Lifts	Aerial Lifts	Diesel	4	198	8	46	0.31	6336	4306.8	2029.2	0.0	0.0
7	Building Construction Parking	Air Compressors	Air Compressor	Diesel	2	110	8	37	0.48	1760	1196.3	563.7	0.0	0.0
7	Building Construction Parking	Cranes	Cranes	Diesel	2	100	8	367	0.29	1600	1087.6	512.4	0.0	0.0
7	Building Construction Parking	Excavators	Excavators	Diesel	2	44	8	36	0.38	704	478.5	225.5	0.0	0.0
7	Building Construction Parking	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	250	8	96	0.4	4000	2719.0	1281.0	0.0	0.0
7	Building Construction Parking	Welders	Welders	Diesel	2	88	8	46	0.45	1408	957.1	450.9	0.0	0.0
8	Building Construction Hospital	Aerial Lifts	Aerial Lifts	Diesel	6	390	8	46	0.31	18720	3728.4	6804.9	6804.9	1381.8
8	Building Construction Hospital	Air Compressors	Air Compressor	Diesel	2	200	8	37	0.48	3200	637.3	1163.2	1163.2	236.2
8	Building Construction Hospital	Concrete/Industrial Saws	Concrete/Indu	Diesel	2	100	5	33	0.73	1000	199.2	363.5	363.5	73.8
8	Building Construction Hospital	Generator Sets	Generator Sets	Diesel	1	30	8	14	0.74	240	47.8	87.2	87.2	17.7
8	Building Construction Hospital	Rough Terrain Forklifts	Rough Terrain I	Diesel	3.5	649.5	6	96	0.4	13639.5	2716.5	4958.1	4958.1	1006.8
8	Building Construction Hospital	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	704	8	36	0.46	5632	1121.7	2047.3	2047.3	415.7
8	Building Construction Hospital	Welders	Welders	Diesel	8	129.9	8	46	0.45	8313.6	1655.8	3022.1	3022.1	613.7
8	Building Construction Hospital	Cranes 1	Cranes	Diesel	1	75	10	367	0.29	750	149.4	272.6	272.6	55.4
8	Building Construction Hospital	Cranes 2	Cranes	Diesel	1	75	8	367	0.29	600	119.5	218.1	218.1	44.3
8	Building Construction Hospital	Cranes 3	Cranes	Diesel	1	116.91	8	367	0.29	935.28	186.3	340.0	340.0	69.0
9	Paving	Air Compressors	Air Compressor	Diesel	2	44	4	37	0.48	352	0.0	0.0	352.0	0.0
9	Paving	Graders	Graders	Diesel	1	30	8	148	0.41	240	0.0	0.0	240.0	0.0
9	Paving	Pavers	Pavers	Diesel	1	5	8	81	0.42	40	0.0	0.0	40.0	0.0
9	Paving	Rollers	Rollers	Diesel	2	15	8	36	0.38	240	0.0	0.0	240.0	0.0
9	Paving	Rubber Tired Loaders	Rubber Tired L	Diesel	2	25	8	150	0.36	400	0.0	0.0	400.0	0.0
9	Paving	Scrapers	Scrapers	Diesel	1	30	8	423	0.48	240	0.0	0.0	240.0	0.0
9	Paving	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	1	10	8	84	0.37	80	0.0	0.0	80.0	0.0
9	Paving	Trenchers	Trenchers	Diesel	1	22	8	40	0.5	176	0.0	0.0	176.0	0.0
10	Architectural Coating Parking	Aerial Lifts	Aerial Lifts	Diesel	2	0.375	8	46	0.31	6.0	3.6	2.4	0.0	0.0
10	Architectural Coating Parking	Other Construction Equipment	Air Compressor	Gasoline	2	26.250	8	6	0.56	420.0	254.5	165.5	0.0	0.0
11	Architectural Coating Hospital	Aerial Lifts	Aerial Lifts	Diesel	2	14.625	8	46	0.31	234.0	0.0	98.4	134.5	1.0
11	Architectural Coating Hospital	Other Construction Equipment	Air Compressor	Gasoline	2	3.750	8	6	0.56	60.0	0.0	25.2	34.5	0.3

Table Name	Column Name	New Value		
tblGrading	AcresOfGrading	1.34		
tblGrading	MaterialExported	4,000.00		
	Demo Debris	7,550.00	CY	from ICF data tracker
	Demo Debris	3775	ton	**USE FUGITIVE DUST FROM CALEEMOD OUTPUTS**

Demolition - 1 cubic yard = 0.5 tons of building debris

Worker Trips

Phase Number	Phase Name	Worker Trips (Total)	Worker Trip	Worker Vehicle	Total Miles by Year			
		Number	Length (mi)	Class	2025	2026	2027	2028
2	Site Preparation	100.00	11.7	LD Mix	1170.00	0.00	0.00	0.00
3	Grading (parking structure)	50.00	11.7	LD Mix	585.00	0.00	0.00	0.00
4	Grading (hospital)	80.00	11.7	LD Mix	936.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking	40.00	11.7	LD Mix	23.02	444.98	0.00	0.00
6	Trenching Phase 2 Hospital	40.00	11.7	LD Mix	0.00	466.21	1.79	0.00
7	Building Construction Parking	160.00	11.7	LD Mix	1272.47	599.53	0.00	0.00
8	Building Construction Hospital	600.00	11.7	LD Mix	1398.13	2551.84	2551.84	518.19
9	Paving	40.00	11.7	LD Mix	0.00	0.00	468.00	0.00
10	Architectural Coating Parking	16.00	11.7	LD Mix	113.41	73.79	0.00	0.00
11	Architectural Coating Hospital	40.00	11.7	LD Mix	0.00	196.89	269.05	2.06

Vendor Info

Phase Number	Phase Name	Vendor Trip (Total)	Vendor Trip	Vendor	Total Miles by Year			
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
2	Site Preparation	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
3	Grading (parking structure)	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
4	Grading (hospital)	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
6	Trenching Phase 2 Hospital	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
7	Building Construction Parking	10898.00	8.4	HDT Mix	62225.44	29317.76	0.00	0.00
8	Building Construction Hospital	13878.00	8.4	HDT Mix	23217.62	42376.22	42376.22	8605.13
9	Paving	1260.00	8.4	HDT Mix	0.00	0.00	10584.00	0.00
10	Architectural Coating Parking	66.00	8.4	HDT Mix	335.88	218.52	0.00	0.00
11	Architectural Coating Hospital	240.00	8.4	HDT Mix	0.00	848.14	1158.98	8.88

Haul Truck Info

Phase Number	Phase Name	Hauling Trip (Total)	Hauling Trip	Hauling	Total Miles by Year			
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
2	Site Preparation	110.00	20	HHDT	2200.00	0.00	0.00	0.00
3	Grading (parking structure)	1083.75	20	HHDT	21675.00	0.00	0.00	0.00
4	Grading (hospital)	12697.13	20	HHDT	253942.50	0.00	0.00	0.00
5	Trenching Phase 1 Parking	10.00	20	HHDT	9.84	190.16	0.00	0.00
6	Trenching Phase 2 Hospital	20.00	20	HHDT	0.00	398.47	1.53	0.00
7	Building Construction Parking	0.00	20	HHDT	0.00	0.00	0.00	0.00

8	Building Construction Hospital	0.00	20	HHDT	0.00	0.00	0.00	0.00
9	Paving	0.00	20	HHDT	0.00	0.00	0.00	0.00
10	Architectural Coating Parking	0.00	20	HHDT	0.00	0.00	0.00	0.00
11	Architectural Coating Hospital	0.00	20	HHDT	0.00	0.00	0.00	0.00

Offroad Emissions Estimates

Offroad Emission Factors

Offroad Equipment MATCH	Fuel Type	Horse Power	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
		HP HIGH	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr
Air Compressors	Diesel	50	0.545	3.756	0.117	0.107	0.512	3.646	0.099	0.091	0.482	3.538	0.081	0.075	0.457	3.44	0.065	0.06
Concrete/Industrial Saws	Diesel	50	0.439	3.635	0.101	0.093	0.413	3.526	0.085	0.078	0.39	3.43	0.071	0.065	0.37	3.344	0.058	0.053
Other Construction Equipment	Diesel	100	0.298	2.891	0.172	0.159	0.282	2.734	0.158	0.145	0.252	2.5	0.132	0.122	0.245	2.433	0.124	0.114
Excavators	Diesel	50	0.402	3.446	0.107	0.098	0.393	3.407	0.099	0.091	0.378	3.367	0.089	0.082	0.366	3.339	0.081	0.075
Graders	Diesel	175	0.34	2.859	0.159	0.146	0.313	2.528	0.14	0.129	0.295	2.284	0.127	0.117	0.281	2.086	0.116	0.106
Rollers	Diesel	50	0.567	3.678	0.166	0.153	0.542	3.614	0.154	0.142	0.529	3.577	0.146	0.134	0.501	3.509	0.132	0.121
Rough Terrain Forklifts	Diesel	100	0.118	1.694	0.036	0.033	0.115	1.643	0.033	0.03	0.113	1.619	0.032	0.029	0.109	1.576	0.029	0.027
Rubber Tired Loaders	Diesel	175	0.225	1.602	0.085	0.078	0.211	1.398	0.073	0.067	0.2	1.24	0.063	0.058	0.191	1.098	0.054	0.05
Scrapers	Diesel	600	0.204	1.909	0.074	0.068	0.196	1.741	0.068	0.062	0.191	1.609	0.063	0.058	0.185	1.493	0.059	0.054
Sweepers/Scrubbers	Diesel	50	0.622	3.851	0.191	0.176	0.584	3.759	0.171	0.157	0.541	3.671	0.149	0.137	0.517	3.613	0.133	0.123
Tractors/Loaders/Backhoes	Diesel	100	0.196	2.01	0.077	0.071	0.184	1.885	0.063	0.058	0.177	1.807	0.054	0.05	0.173	1.749	0.048	0.044
Excavators	Diesel	50	0.402	3.446	0.107	0.098	0.393	3.407	0.099	0.091	0.378	3.367	0.089	0.082	0.366	3.339	0.081	0.075
Graders	Diesel	175	0.34	2.859	0.159	0.146	0.313	2.528	0.14	0.129	0.295	2.284	0.127	0.117	0.281	2.086	0.116	0.106
Rollers	Diesel	50	0.567	3.678	0.166	0.153	0.542	3.614	0.154	0.142	0.529	3.577	0.146	0.134	0.501	3.509	0.132	0.121
Scrapers	Diesel	600	0.204	1.909	0.074	0.068	0.196	1.741	0.068	0.062	0.191	1.609	0.063	0.058	0.185	1.493	0.059	0.054
Sweepers/Scrubbers	Diesel	50	0.622	3.851	0.191	0.176	0.584	3.759	0.171	0.157	0.541	3.671	0.149	0.137	0.517	3.613	0.133	0.123
Tractors/Loaders/Backhoes	Diesel	100	0.196	2.01	0.077	0.071	0.184	1.885	0.063	0.058	0.177	1.807	0.054	0.05	0.173	1.749	0.048	0.044
Air Compressors	Diesel	50	0.545	3.756	0.117	0.107	0.512	3.646	0.099	0.091	0.482	3.538	0.081	0.075	0.457	3.44	0.065	0.06
Concrete/Industrial Saws	Diesel	50	0.439	3.635	0.101	0.093	0.413	3.526	0.085	0.078	0.39	3.43	0.071	0.065	0.37	3.344	0.058	0.053
Cranes	Diesel	600	0.201	1.95	0.079	0.073	0.198	1.837	0.075	0.069	0.195	1.748	0.072	0.066	0.187	1.601	0.066	0.061
Excavators	Diesel	50	0.402	3.446	0.107	0.098	0.393	3.407	0.099	0.091	0.378	3.367	0.089	0.082	0.366	3.339	0.081	0.075
Plate Compactors	Diesel	25	0.547	4.144	0.162	0.149	0.547	4.143	0.162	0.149	0.547	4.143	0.162	0.149	0.547	4.143	0.162	0.149
Rollers	Diesel	50	0.567	3.678	0.166	0.153	0.542	3.614	0.154	0.142	0.529	3.577	0.146	0.134	0.501	3.509	0.132	0.121
Rough Terrain Forklifts	Diesel	100	0.118	1.694	0.036	0.033	0.115	1.643	0.033	0.03	0.113	1.619	0.032	0.029	0.109	1.576	0.029	0.027
Rubber Tired Loaders	Diesel	175	0.225	1.602	0.085	0.078	0.211	1.398	0.073	0.067	0.2	1.24	0.063	0.058	0.191	1.098	0.054	0.05
Sweepers/Scrubbers	Diesel	50	0.622	3.851	0.191	0.176	0.584	3.759	0.171	0.157	0.541	3.671	0.149	0.137	0.517	3.613	0.133	0.123
Tractors/Loaders/Backhoes	Diesel	100	0.196	2.01	0.077	0.071	0.184	1.885	0.063	0.058	0.177	1.807	0.054	0.05	0.173	1.749	0.048	0.044
Air Compressors	Diesel	50	0.545	3.756	0.117	0.107	0.512	3.646	0.099	0.091	0.482	3.538	0.081	0.075	0.457	3.44	0.065	0.06
Cement and Mortar Mixers	Diesel	25	0.553	4.2	0.164	0.151	0.553	4.198	0.163	0.15	0.553	4.198	0.163	0.15	0.553	4.197	0.163	0.15
Concrete/Industrial Saws	Diesel	50	0.439	3.635	0.101	0.093	0.413	3.526	0.085	0.078	0.39	3.43	0.071	0.065	0.37	3.344	0.058	0.053
Cranes	Diesel	600	0.201	1.95	0.079	0.073	0.198	1.837	0.075	0.069	0.195	1.748	0.072	0.066	0.187	1.601	0.066	0.061
Excavators	Diesel	50	0.402	3.446	0.107	0.098	0.393	3.407	0.099	0.091	0.378	3.367	0.089	0.082	0.366	3.339	0.081	0.075
Plate Compactors	Diesel	25	0.547	4.144	0.162	0.149	0.547	4.143	0.162	0.149	0.547	4.143	0.162	0.149	0.547	4.143	0.162	0.149
Rollers	Diesel	50	0.567	3.678	0.166	0.153	0.542	3.614	0.154	0.142	0.529	3.577	0.146	0.134	0.501	3.509	0.132	0.121
Rough Terrain Forklifts	Diesel	100	0.118	1.694	0.036	0.033	0.115	1.643	0.033	0.03	0.113	1.619	0.032	0.029	0.109	1.576	0.029	0.027
Rubber Tired Loaders	Diesel	175	0.225	1.602	0.085	0.078	0.211	1.398	0.073	0.067	0.2	1.24	0.063	0.058	0.191	1.098	0.054	0.05
Sweepers/Scrubbers	Diesel	50	0.622	3.851	0.191	0.176	0.584	3.759	0.171	0.157	0.541	3.671	0.149	0.137	0.517	3.613	0.133	0.123
Tractors/Loaders/Backhoes	Diesel	100	0.196	2.01	0.077	0.071	0.184	1.885	0.063	0.058	0.177	1.807	0.054	0.05	0.173	1.749	0.048	0.044
Aerial Lifts	Diesel	50	0.154	2.877	0.021	0.019	0.152	2.874	0.021	0.019	0.151	2.87	0.02	0.019	0.151	2.871	0.02	0.018
Air Compressors	Diesel	50	0.545	3.756	0.117	0.107	0.512	3.646	0.099	0.091	0.482	3.538	0.081	0.075	0.457	3.44	0.065	0.06
Cranes	Diesel	600	0.201	1.95	0.079	0.073	0.198	1.837	0.075	0.069	0.195	1.748	0.072	0.066	0.187	1.601	0.066	0.061
Excavators	Diesel	50	0.402	3.446	0.107	0.098	0.393	3.407	0.099	0.091	0.378	3.367	0.089	0.082	0.366	3.339	0.081	0.075
Rough Terrain Forklifts	Diesel	100	0.118	1.694	0.036	0.033	0.115	1.643	0.033	0.03	0.113	1.619	0.032	0.029	0.109	1.576	0.029	0.027
Welders	Diesel	50	0.498	3.676	0.113	0.104	0.465	3.57	0.095	0.088	0.435	3.466	0.079	0.073	0.409	3.371	0.064	0.059
Aerial Lifts	Diesel	50	0.154	2.877	0.021	0.019	0.152	2.874	0.021	0.019	0.151	2.87	0.02	0.019	0.151	2.871	0.02	0.018
Air Compressors	Diesel	50	0.545	3.756	0.117	0.107	0.512	3.646	0.099	0.091	0.482	3.538	0.081	0.075	0.457	3.44	0.065	0.06
Concrete/Industrial Saws	Diesel	50	0.439	3.635	0.101	0.093	0.413	3.526	0.085	0.078	0.39	3.43	0.071	0.065	0.37	3.344	0.058	0.053
Generator Sets	Diesel	25	0.542	4.347	0.177	0.163	0.539	4.324	0.174	0.16	0.537	4.305	0.172	0.158	0.535	4.289	0.17	0.156
Rough Terrain Forklifts	Diesel	100	0.118	1.694	0.036	0.033	0.115	1.643	0.033	0.03	0.113	1.619	0.032	0.029	0.109	1.576	0.029	0.027
Sweepers/Scrubbers	Diesel	50	0.622	3.851	0.191	0.176	0.584	3.759	0.171	0.157	0.541	3.671	0.149	0.137	0.517	3.613	0.133	0.123
Welders	Diesel	50	0.498	3.676	0.113	0.104	0.465	3.57	0.095	0.088	0.435	3.466	0.079	0.073	0.409	3.371	0.064	0.059
Cranes	Diesel	600	0.201	1.95	0.079	0.073	0.198	1.837	0.075	0.069	0.195	1.748	0.072	0.066	0.187	1.601	0.066	0.061

Architectural Coating Parking S	Aerial Lifts	46	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Architectural Coating Parking S	Other Construction Equipment	6	572.0	9.6	3.1	2.3	372.2	6.3	2.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Architectural Coating Hospital	Aerial Lifts	46	0.0	0.0	0.0	0.0	0.5	8.9	0.1	0.1	0.6	12.1	0.1	0.1	0.0	0.1	0.0	0.0
Architectural Coating Hospital	Other Construction Equipment	6	0.0	0.0	0.0	0.0	56.8	1.0	0.3	0.2	77.5	1.3	0.4	0.3	0.6	0.0	0.0	0.0
Totals	Site Preparation		50.91	444.72	17.44	16.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		26.16	229.15	9.47	8.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		61.80	549.18	20.06	18.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.58	4.82	0.19	0.18	10.67	89.38	3.22	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	115.09	981.44	34.43	31.63	0.43	3.64	0.12	0.11	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		152.39	1663.31	43.25	39.77	69.52	759.49	18.75	17.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		148.59	1507.44	39.72	36.51	259.53	2678.61	65.34	59.95	248.73	2622.61	59.18	54.40	48.45	518.33	10.66	9.84
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.27	423.88	17.62	16.23	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		572.00	9.97	3.09	2.33	372.23	6.48	2.01	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	57.23	9.85	0.37	0.29	78.17	13.44	0.50	0.40	0.60	0.10	0.00	0.00
			1012.43	4408.59	133.22	121.98	884.25	4525.27	124.12	113.55	382.59	3063.57	77.42	71.13	49.05	518.43	10.67	9.85

Onroad Emissions Estimates

Exhaust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 ROG g/mi	2025 NOX g/mi	2025 PM10 g/mi	2025 PM2.5 g/mi	2026 ROG g/mi	2026 NOX g/mi	2026 PM10 g/mi	2026 PM2.5 g/mi	2027 ROG g/mi	2027 NOX g/mi	2027 PM10 g/mi	2027 PM2.5 g/mi	2028 ROG g/mi	2028 NOX g/mi	2028 PM10 g/mi	2028 PM2.5 g/mi
Worker	50%	LDA	0.114	0.053	0.001	0.001	0.108	0.049	0.001	0.001	0.104	0.046	0.001	0.001	0.099	0.044	0.001	0.001
Worker	25%	LDT1	0.271	0.142	0.002	0.002	0.253	0.130	0.002	0.002	0.238	0.119	0.002	0.002	0.229	0.109	0.002	0.002
Worker	25%	LDT2	0.135	0.088	0.002	0.001	0.130	0.082	0.002	0.001	0.126	0.076	0.001	0.001	0.121	0.072	0.001	0.001
Vendor	50%	MHDT	0.081	1.628	0.012	0.011	0.073	1.520	0.010	0.010	0.066	1.417	0.009	0.008	0.060	1.315	0.007	0.007
Vendor	50%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Haul	100%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Worker			0.158	0.084	0.002	0.001	0.150	0.077	0.002	0.001	0.143	0.072	0.001	0.001	0.137	0.067	0.001	0.001
Vendor			0.071	2.085	0.018	0.018	0.067	1.995	0.017	0.017	0.063	1.907	0.017	0.016	0.060	1.817	0.016	0.015
Haul			0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023

Fugitive Dust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 PM10 BWTW g/mi	2025 PM10 RD g/mi	2025 PM2.5 BWTW g/mi	2025 PM2.5 RD g/mi	2026 PM10 BWTW g/mi	2026 PM10 RD g/mi	2026 PM2.5 BWTW g/mi	2026 PM2.5 RD g/mi	2027 PM10 BWTW g/mi	2027 PM10 RD g/mi	2027 PM2.5 BWTW g/mi	2027 PM2.5 RD g/mi	2028 PM10 BWTW g/mi	2028 PM10 RD g/mi	2028 PM2.5 BWTW g/mi	2028 PM2.5 RD g/mi
Worker	50%	LDA	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020
Worker	25%	LDT1	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Worker	25%	LDT2	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Vendor	50%	MHDT	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.056	0.135	0.019	0.020
Vendor	50%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Haul	100%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Worker			0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020
Vendor			0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020
Haul			0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020

Onroad Exhaust Emissions - Worker

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Vehicle Category	Trip Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs	2028 PM10 lbs	2028 PM2.5 lbs
Site Preparation	Worker	Worker Trip	0.409	0.216	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Worker	Worker Trip	0.204	0.108	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Worker	Worker Trip	0.327	0.173	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Worker	Worker Trip	0.008	0.004	0.000	0.000	0.147	0.076	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.154	0.080	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Worker	Worker Trip	0.444	0.235	0.005	0.004	0.198	0.102	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Worker	Worker Trip	0.488	0.258	0.005	0.005	0.842	0.435	0.009	0.008	0.804	0.403	0.008	0.008	0.157	0.076	0.002	0.001
Paving	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.147	0.074	0.002	0.001	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Worker	Worker Trip	0.040	0.021	0.000	0.000	0.024	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.065	0.034	0.001	0.001	0.085	0.043	0.001	0.001	0.001	0.000	0.000	0.000
			1.920	1.016	0.020	0.018	1.430	0.739	0.015	0.014	1.036	0.520	0.011	0.010	0.157	0.077	0.002	0.001

Onroad Exhaust Emissions - Vendor

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Vehicle Category	Trip Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs	2028 PM10 lbs	2028 PM2.5 lbs
Site Preparation	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Vendor	Vendor Trip	9.787	286.013	2.529	2.419	4.334	128.930	1.130	1.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Vendor	Vendor Trip	3.652	106.717	0.944	0.902	6.265	186.357	1.634	1.563	5.916	178.183	1.556	1.488	1.135	34.479	0.301	0.288
Paving	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.478	44.504	0.389	0.372	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Vendor	Vendor Trip	0.053	1.544	0.014	0.013	0.032	0.961	0.008	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.125	3.730	0.033	0.031	0.162	4.873	0.043	0.041	0.036	0.000	0.000	0.000
			13.491	394.274	3.486	3.334	10.756	319.978	2.806	2.683	7.556	227.560	1.987	1.900	1.136	34.514	0.302	0.289

Onroad Exhaust Emissions - Haul

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Vehicle Category	Trip Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs	2028 PM10 lbs	2028 PM2.5 lbs
Site Preparation	Haul	Hauling Trip	0.300	12.327	0.123	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Haul	Hauling Trip	2.958	121.445	1.207	1.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Haul	Hauling Trip	34.654	1422.842	14.146	13.532	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Haul	Hauling Trip	0.001	0.055	0.001	0.001	0.026	1.035	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.054	2.169	0.022	0.021	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
			37.914	1556.669	15.476	14.804	0.080	3.205	0.032	0.031	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000

Totals	Site Preparation		0.71	12.54	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		3.16	121.55	1.21	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		34.98	1423.02	14.15	13.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.01	0.06	0.00	0.00	0.17	1.11	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	0.21	2.25	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		10.23	286.25	2.53	2.42	4.53	129.03	1.13	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		4.14	106.98	0.95	0.91	7.11	186.79	1.64	1.57	6.72	178.59	1.56	1.50	1.29	34.56	0.30	0.29
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	44.58	0.39	0.37	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		0.09	1.56	0.01	0.01	0.06	0.97	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	0.19	3.76	0.03	0.03	0.25	4.92	0.04	0.04	0.00	0.04	0.00	0.00
			53.325	1951.960	18.982	18.156	12.266	323.922	2.853	2.728	8.592	228.089	1.997	1.910	1.293	34.591	0.303	0.290

Fugitive Dust Emission - Worker

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW lbs	2025 PM10 RD lbs	2025 PM2.5 BWTW lbs	2025 PM2.5 RD lbs	2026 PM10 BWTW lbs	2026 PM10 RD lbs	2026 PM2.5 BWTW lbs	2026 PM2.5 RD lbs	2027 PM10 BWTW lbs	2027 PM10 RD lbs	2027 PM2.5 BWTW lbs	2027 PM2.5 RD lbs	2028 PM10 BWTW lbs	2028 PM10 RD lbs	2028 PM2.5 BWTW lbs	2028 PM2.5 RD lbs
Site Preparation	Worker	Worker Trip	0.041	0.348	0.012	0.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Vendor	Worker Trip	0.112	0.174	0.036	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Worker	Worker Trip	0.033	0.278	0.010	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Worker	Worker Trip	0.001	0.007	0.000	0.001	0.016	0.132	0.005	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.017	0.139	0.005	0.021	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Worker	Worker Trip	0.045	0.378	0.014	0.057	0.021	0.178	0.006	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Worker	Worker Trip	0.050	0.416	0.015	0.062	0.090	0.759	0.027	0.114	0.090	0.759	0.027	0.114	0.018	0.154	0.006	0.023
Paving	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.139	0.005	0.021	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Worker	Worker Trip	0.004	0.034	0.001	0.005	0.003	0.022	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.007	0.059	0.002	0.009	0.010	0.080	0.003	0.012	0.000	0.001	0.000	0.000
			0.286	1.634	0.088	0.245	0.154	1.288	0.046	0.193	0.117	0.978	0.035	0.147	0.018	0.155	0.006	0.023

Fugitive Dust Emission - Vendor

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW lbs	2025 PM10 RD lbs	2025 PM2.5 BWTW lbs	2025 PM2.5 RD lbs	2026 PM10 BWTW lbs	2026 PM10 RD lbs	2026 PM2.5 BWTW lbs	2026 PM2.5 RD lbs	2027 PM10 BWTW lbs	2027 PM10 RD lbs	2027 PM2.5 BWTW lbs	2027 PM2.5 RD lbs	2028 PM10 BWTW lbs	2028 PM10 RD lbs	2028 PM2.5 BWTW lbs	2028 PM2.5 RD lbs
Site Preparation	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Vendor	Vendor Trip	11.908	18.496	3.845	2.774	5.613	8.714	1.812	1.307	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Vendor	Vendor Trip	4.443	6.901	1.434	1.035	8.113	12.596	2.619	1.889	8.116	12.596	2.620	1.889	1.647	2.558	0.532	0.384
Paving	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.027	3.146	0.654	0.472	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Vendor	Vendor Trip	0.064	0.100	0.021	0.015	0.042	0.065	0.014	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.162	0.252	0.052	0.038	0.222	0.344	0.072	0.052	0.002	0.003	0.001	0.000
			16.415	25.497	5.300	3.825	13.929	21.628	4.497	3.244	10.365	16.087	3.347	2.413	1.648	2.560	0.532	0.384

Fugitive Dust Emission - Haul

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW lbs	2025 PM10 RD lbs	2025 PM2.5 BWTW lbs	2025 PM2.5 RD lbs	2026 PM10 BWTW lbs	2026 PM10 RD lbs	2026 PM2.5 BWTW lbs	2026 PM2.5 RD lbs	2027 PM10 BWTW lbs	2027 PM10 RD lbs	2027 PM2.5 BWTW lbs	2027 PM2.5 RD lbs	2028 PM10 BWTW lbs	2028 PM10 RD lbs	2028 PM2.5 BWTW lbs	2028 PM2.5 RD lbs
Site Preparation	Haul	Hauling Trip	0.564	0.654	0.180	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Haul	Hauling Trip	5.560	6.443	1.778	0.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Haul	Hauling Trip	65.139	75.483	20.832	11.322	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Haul	Hauling Trip	0.003	0.003	0.001	0.000	0.049	0.057	0.016	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.102	0.118	0.033	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000

Architectural Coating Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
			71.265	82.582	22.791	12.387	0.151	0.175	0.048	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Totals	Site Preparation		0.61	1.00	0.19	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		5.67	6.62	1.81	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		65.17	75.76	20.84	11.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.00	0.01	0.00	0.00	0.06	0.19	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	0.12	0.26	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		11.95	18.87	3.86	2.83	5.63	8.89	1.82	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		4.49	7.32	1.45	1.10	8.20	13.35	2.65	2.00	8.21	13.35	2.65	2.00	1.66	2.71	0.54	0.41
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.04	3.29	0.66	0.49	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		0.07	0.13	0.02	0.02	0.04	0.09	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	0.17	0.31	0.05	0.05	0.23	0.42	0.07	0.06	0.00	0.00	0.00	0.00
			87.967	109.714	28.179	16.457	14.234	23.091	4.592	3.464	10.482	17.065	3.382	2.560	1.667	2.715	0.538	0.407

lookup for	*lookup for HRA*
Site Prep	*Diesel*
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Parking Ga	*Diesel*
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Paving	*Diesel*

Parking Gc Diesel
Parking Gc Gasoline
New Hospi Diesel
New Hospi Gasoline

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Paving
Parking Garage

New Hospital

Kaiser San Jose
Construction On-site Fugitive Dust Calculations
Demolition + Hospital and Parking Garage Construction

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	squart feet	3.01
Parking Garage	419,320	squart feet	1.38
Parking Lot	101,369	squart feet	2.33

Project Design Features

Architectural Coating	1%	exterior of hospital painted
Demolition Hosp.	250,000	sq ft
Demolition Other	550,000	sq ft

Material Movement

Phase Name	Import (CY)	Export (CY)	Total (CY)
Site Preparation	0	6,700	6700.00
Grading (parking structure)	13,438		19790.68
Grading (hospital)	14,231	105,809	120040.32

Construction Schedule

							Workdays By Year				Workday Fraction By Year			
HIDE ROW							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
HIDE ROW							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
1	Demolition	Demolition	3/15/2028	7/16/2028	5	88	0	0	0	88	0.00	0.00	0.00	1.00
2	Site Preparation	Site Preparation	2/3/2025	3/17/2025	5	31	31	0	0	0	1.00	0.00	0.00	0.00
3	Grading (parking structure)	Grading	3/17/2025	4/18/2025	5	25	25	0	0	0	1.00	0.00	0.00	0.00
4	Grading (hospital)	Grading	3/28/2025	6/13/2025	5	56	56	0	0	0	1.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking Structure	Grading	12/29/2025	3/23/2026	5	61	3	58	0	0	0.05	0.95	0.00	0.00
6	Trenching Phase 2 Hospital	Grading	1/1/2026	1/1/2027	5	262	0	261	1	0	0.00	1.00	0.00	0.00
7	Building Construction Parking	Building Construction	3/17/2025	5/18/2026	5	306	208	98	0	0	0.68	0.32	0.00	0.00
8	Building Construction Hospital	Building Construction	6/16/2025	3/15/2028	5	718	143	261	261	53	0.20	0.36	0.36	0.07
9	Paving	Paving	1/2/2027	7/1/2027	5	129	0	0	129	0	0.00	0.00	1.00	0.00
10	Architectural Coating Parking	Architectural Coating	9/6/2025	3/17/2026	5	137	83	54	0	0	0.61	0.39	0.00	0.00
11	Architectural Coating Hospital	Architectural Coating	4/9/2026	1/4/2028	5	454	0	191	261	2	0.00	0.42	0.57	0.00
		Full Phase	**2/3/2025**	**3/15/2028**	5	813	**238**	**261**	**261**	**53**				
		Full Construction	**2/3/2025**	**7/16/2028**										

Off-Road Equipment Info

Phase Number	Phase Name	Offroad Equipment Type	NAME MATCH Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Horse Power	Load Factor	Total Hours Use	Acre graded/8-hr	Acre Graded
1	Demolition	Cranes	Cranes	Diesel	1	88	8	450	0.29	704	0	0
1	Demolition	Excavators	Excavators	Diesel	2	88	8	530	0.38	1408	0	0
1	Demolition	Off-Hiehwav Trucks	Off-Hiehwav Trucks	Diesel	1	88	8	455	0.38	704	0	0
1	Demolition	Rubber Tired Dozers	Rubber Tired Dozers	Diesel	1	88	8	330	0.4	704	0.5	44
1	Demolition	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	1	88	8	59	0.36	704	0	0
1	Demolition	Skid Steer Loaders	Skid Steer Loaders	Diesel	1	88	8	58	0.37	704	0	0
2	Site Preparation	Air Compressors	Air Compressors	Diesel	2	15	8	37	0.48	240	0	0
2	Site Preparation	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	2	5	8	33	0.73	80	0	0
2	Site Preparation	Crushine/Proc. Equioment (asohalt	Other Construction Equiomen	Diesel	1	10	8	82	0.42	80	0	0
2	Site Preparation	Excavators	Excavators	Diesel	2	15	8	36	0.38	240	0	0
2	Site Preparation	Graders	Graders	Diesel	1	5	8	148	0.41	40	0.5	2.5
2	Site Preparation	Rollers	Rollers	Diesel	2	5	8	36	0.38	80	0	0
2	Site Preparation	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	25	8	96	0.4	400	0	0
2	Site Preparation	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	2	20	8	150	0.36	320	0	0
2	Site Preparation	Scrapers	Scrapers	Diesel	2	10	8	423	0.48	160	1	20
2	Site Preparation	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	25	8	36	0.46	200	0	0
2	Site Preparation	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	20	8	84	0.37	320	0	0
3	Grading (parking structure)	Excavators	Excavators	Diesel	1	18	8	36	0.38	144	0	0
3	Grading (parking structure)	Graders	Graders	Diesel	1	8	8	148	0.41	64	0.5	4
3	Grading (parking structure)	Rollers	Rollers	Diesel	1	8	8	36	0.38	64	0	0
3	Grading (parking structure)	Scrapers	Scrapers	Diesel	2	8	8	423	0.48	128	1	16
3	Grading (parking structure)	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	22	8	36	0.46	176	0	0
3	Grading (parking structure)	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	22	8	84	0.37	352	0	0
4	Grading (hospital)	Air Compressors	Air Compressors	Diesel	1	40	8	37	0.48	320	0	0
4	Grading (hospital)	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	1	5	8	33	0.73	40	0	0
4	Grading (hospital)	Cranes	Cranes	Diesel	1	30	8	367	0.29	240	0	0
4	Grading (hospital)	Excavators	Excavators	Diesel	2	30	10	36	0.38	600	0	0
4	Grading (hospital)	Plate Comoactors	Plate Compactors	Diesel	4	20	8	8	0.43	640	0	0
4	Grading (hospital)	Rollers	Rollers	Diesel	2	10	8	36	0.38	160	0	0
4	Grading (hospital)	Rouah Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	44	8	96	0.4	704	0	0
4	Grading (hospital)	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	1	30	8	150	0.36	240	0	0
4	Grading (hospital)	Sweeoers/Scrubbers	Sweeoers/Scrubbers	Diesel	1	44	8	36	0.46	352	0	0
4	Grading (hospital)	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	40	8	84	0.37	640	0	0
5	Trenching Phase 1 Parking Structure	Air Comoressors	Air Comoressors	Diesel	2	4	2	37	0.48	16	0	0
5	Trenching Phase 1 Parking Structure	Cement and Mortar Mixers	Cement and Mortar Mixers	Diesel	2	7	3	10	0.56	42	0	0
5	Trenching Phase 1 Parking Structure	Excavators	Excavators	Diesel	2	10	8	36	0.38	160	0	0
5	Trenching Phase 1 Parking Structure	Rollers	Rollers	Diesel	1	4	8	36	0.38	32	0	0
5	Trenching Phase 1 Parking Structure	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	22	8	36	0.46	176	0	0
5	Trenching Phase 1 Parking Structure	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	22	8	84	0.37	352	0	0
6	Trenching Phase 2 Hospital	Air Compressors	Air Compressors	Diesel	1	80	8	37	0.48	640	0	0
6	Trenching Phase 2 Hospital	Cement and Mortar Mixers	Cement and Mortar Mixers	Diesel	2	80	8	10	0.56	1280	0	0
6	Trenching Phase 2 Hospital	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	1	15	8	33	0.73	120	0	0
6	Trenching Phase 2 Hospital	Cranes	Cranes	Diesel	1	40	8	367	0.29	320	0	0
6	Trenching Phase 2 Hospital	Excavators	Excavators	Diesel	2	60	8	36	0.38	960	0	0
6	Trenching Phase 2 Hospital	Plate Compactors	Plate Compactors	Diesel	4	80	8	8	0.43	2560	0	0
6	Trenching Phase 2 Hospital	Rollers	Rollers	Diesel	1	12	8	36	0.38	96	0	0
6	Trenching Phase 2 Hospital	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	60	8	96	0.4	960	0	0
6	Trenching Phase 2 Hospital	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	1	60	8	150	0.36	480	0	0
6	Trenching Phase 2 Hospital	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	90	8	36	0.46	720	0	0
6	Trenching Phase 2 Hospital	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	80	8	84	0.37	1280	0	0
7	Building Construction Parking	Aerial Lifts	Aerial Lifts	Diesel	4	198	8	46	0.31	6336	0	0
7	Building Construction Parking	Air Compressors	Air Compressors	Diesel	2	110	8	37	0.48	1760	0	0
7	Building Construction Parking	Cranes	Cranes	Diesel	2	100	8	367	0.29	1600	0	0
7	Building Construction Parking	Excavators	Excavators	Diesel	2	44	8	36	0.38	704	0	0
7	Building Construction Parking	Rouah Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	250	8	96	0.4	4000	0	0
7	Building Construction Parking	Welders	Welders	Diesel	2	88	8	46	0.45	1408	0	0
8	Building Construction Hosoital	Aerial Lifts	Aerial Lifts	Diesel	6	390	8	46	0.31	18720	0	0
8	Building Construction Hospital	Air Compressors	Air Compressors	Diesel	2	200	8	37	0.48	3200	0	0
8	Building Construction Hosoital	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	2	100	5	33	0.73	1000	0	0
8	Building Construction Hospital	Generator Sets	Generator Sets	Diesel	1	30	8	14	0.74	240	0	0
8	Building Construction Hospital	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	3.5	649.5	6	96	0.4	13639.5	0	0
8	Building Construction Hospital	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	704	8	36	0.46	5632	0	0
8	Building Construction Hospital	Welders	Welders	Diesel	8	129.9	8	46	0.45	8313.6	0	0
8	Building Construction Hospital	Cranes 1	Cranes	Diesel	1	75	10	367	0.29	750	0	0
8	Building Construction Hospital	Cranes 2	Cranes	Diesel	1	75	8	367	0.29	600	0	0
8	Building Construction Hospital	Cranes 3	Cranes	Diesel	1	116.91	8	367	0.29	935.28	0	0
9	Paving	Air Compressors	Air Compressors	Diesel	2	44	4	37	0.48	352	0	0
9	Paving	Graders	Graders	Diesel	1	30	8	148	0.41	240	0.5	15
9	Paving	Pavers	Pavers	Diesel	1	5	8	81	0.42	40	0	0
9	Paving	Rollers	Rollers	Diesel	2	15	8	36	0.38	240	0	0
9	Paving	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	2	25	8	150	0.36	400	0	0
9	Paving	Scrapers	Scrapers	Diesel	1	30	8	423	0.48	240	1	30
9	Paving	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	1	10	8	84	0.37	80	0	0
9	Paving	Trenchers	Trenchers	Diesel	1	22	8	40	0.5	176	0	0
10	Architectural Coating Parking	Aerial Lifts	Aerial Lifts	Diesel	2	0.375	8	46	0.31	6.0	0	0
10	Architectural Coating Parking	Other Construction Equioment	Air Comoressors	Gasoline	2	26.250	8	6	0.56	420.0	0	0
11	Architectural Coating Hospital	Aerial Lifts	Aerial Lifts	Diesel	2	14.625	8	46	0.31	234.0	0	0
11	Architectural Coating Hospital	Other Construction Equioment	Air Comoressors	Gasoline	2	3.750	8	6	0.56	60.0	0	0

Demolition Emissions Estimates

Constants

K_{PM10} =	0.35	
$K_{PM2.5}$ =	0.053	
U =	4.6	m/s
M =	2	%
UC_1 =	2.23694	mph/[m/s]
UC_2 =	0.046	short ton/sqft
EF_{I-TSP} =	0.058	lb/short ton

Emission Factors Demo

EF_{PM10} =	0.00	lb/short ton
$EF_{PM2.5}$ =	0.00	lb/short ton

Emission Factors Debris Loading

EF_{PM10} =	0.02	lb/short ton
$EF_{PM2.5}$ =	0.00	lb/short ton

Demolition Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Demolition Hosp.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	266.365
Site Preparation	Site Preparation	Demolition Other	0.000	0.000	586.002	88.738	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Str	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking	Architectural Coating	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Grading Emissions Estimates

Constants

S =	7.1	mph
$F_{PM2.5}$ =	0.031	
F_{PM10} =	0.6	
Wb =	12	ft
UC_1 =	43560	sqft/acre
UC_2 =	5280	ft/mi

Emission Factors

EF_{PM15} =	2.57	lb/VMT
EF_{TSP} =	5.37	lb/VMT
EF_{PM10} =	1.54	lb/VMT
$EF_{PM2.5}$ =	0.17	lb/VMT

Grading Activity

Phase Name	Phase Type	Activity Type	2025 Area Graded Acres	2026 Area Graded Acres	2027 Area Graded Acres	2028 Area Graded Acres	2025 Grading VMT total VMT	2026 Grading VMT total VMT	2027 Grading VMT total VMT	2028 Grading VMT total VMT
Demolition	Demolition	Grading	0.000	0.000	0.000	44.000	0.00	0.00	0.00	30.25
Site Preparation	Site Preparation	Grading	22.500	0.000	0.000	0.000	15.47	0.00	0.00	0.00
Grading (parking structure)	Grading	Grading	20.000	0.000	0.000	0.000	13.75	0.00	0.00	0.00
Grading (hospital)	Grading	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Trenching Phase 1 Parking Stru	Grading	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Trenching Phase 2 Hospital	Grading	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Building Construction Parking	Building Construction	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Building Construction Hospital	Building Construction	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Paving	Paving	Grading	0.000	0.000	45.000	0.000	0.00	0.00	30.94	0.00
Architectural Coating Parking !	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Architectural Coating Hospital	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00

Grading Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.662
Site Preparation	Site Preparation	Grading	0.000	0.000	23.861	2.576	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Grading	0.000	0.000	21.210	2.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	47.723	5.153	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Bulldozing Emissions Estimates

Constants			Emission Factors					
C_{TSP} =	5.7		EF_{TSP} =	3.94	lb/hr	C_{TSP} =	5.7	
C_{PM15} =	1		EF_{PM15} =	1.00	lb/hr	C_{PM15} =	1	
M =	7.9	%	EF_{PM10} =	0.75	lb/hr	M =	7.9	%
s =	6.9	%	$EF_{PM2.5}$ =	0.41	lb/hr	s =	6.9	%
F_{PM10} =	0.75					F_{PM10} =	0.75	
$F_{PM2.5}$ =	0.105					$F_{PM2.5}$ =	0.105	

Dozer Activity

Phase Name	Phase Type	Equipment Type	2025 Dozer Activity Hours	2026 Dozer Activity Hours	2027 Dozer Activity Hours	2028 Dozer Activity Hours
Demolition	Demolition	Rubber Tired Dozers	0.0	0.000	0.000	704.000
Site Preparation	Site Preparation	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Paving	Paving	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Rubber Tired Dozers	0.000	0.000	0.000	0.000

Grading Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	529.944
Site Preparation	Site Preparation	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Truck Loading Emissions Estimates

Constants			Emission Factors		
K_{PM10} =	0.35		EF_{PM10} =	0.00	lb/short ton
$K_{PM2.5}$ =	0.053		$EF_{PM2.5}$ =	0.00	lb/short ton
U =	4.6	m/s			
M =	12	%			
UC_1 =	2.23694	mph/[m/s]			
UC_2 =	1.2641662	short ton/cubic yard			

Truck Loading Activity

Phase Name	Phase Type	Activity Type	2025 Material Movement short ton	2026 Material Movement short ton	2027 Material Movement short ton	2028 Material Movement short ton
Demolition	Demolition	Material Movement	0.000	0.000	0.000	0.000
Site Preparation	Site Preparation	Material Movement	8470	0.000	0.000	0.000
Grading (parking structure)	Grading	Material Movement	25019	0.000	0.000	0.000
Grading (hospital)	Grading	Material Movement	151751	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Material Movement	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Material Movement	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Material Movement	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Material Movement	0.000	0.000	0.000	0.000
Paving	Paving	Material Movement	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000

Truck Loading Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Site Preparation	Site Preparation	Material Movement	0.000	0.000	1.973	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Material Movement	0.000	0.000	5.828	0.883	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Material Movement	0.000	0.000	35.352	5.353	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

4.4.1 Grading Equipment Passes

Fugitive dust emissions from grading equipment passes are estimated using the methodology described in Section 11.9 of USEPA's AP-42 (USEPA 1998b). Section 11.9 provides guidance to estimate the emission factor of PM10 by applying a scaling factor to PM15. Similarly, the emission factor of PM2.5 is scaled from that of total suspended particulates (TSP). The following presents the equations used to calculate the emission factors for PM15 and TSP and the scaling factors for PM10 and PM2.5.

$$EF_{PM15} = 0.051 \times (S)^{2.0}, \text{ and } EF_{PM10} = EF_{PM15} \times F_{PM10}$$

$$EF_{TSP} = 0.04 \times (S)^{2.5}, \text{ and } EF_{PM2.5} = EF_{TSP} \times F_{PM2.5}$$

Where:

EF = emission factor (lb/VMT).

S = mean vehicle speed (mph). The AP-42 default value is 7.1 mph.

$F_{PM2.5}$ = PM2.5 scaling factor. The AP-42 default value is 0.031.

F_{PM10} = PM10 scaling factor. The AP-42 default value is 0.6.

Grading dust emissions are calculated by multiplying the emission factors with the total VMT for the grading equipment (i.e., grader). VMT is estimated based on the dimensions of the grading area and the blade width of the grading equipment.

$$E_p = EF_p \times VMT, \text{ and}$$

$$VMT = As/Wb \times UC_1 \div UC_2$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/VMT).

VMT = vehicle miles traveled (mile).

As = the acreage of the grading site (acre/day).

Wb = Blade width of the grading equipment. The program uses a default blade width of 12 feet based on Caterpillar's 140 Motor Grader (Caterpillar 2021).

UC_1 = unit conversion from acre to square feet (43,560 sqft/acre).

UC_2 = unit conversion from feet to miles (5,280 feet/mile).

p = pollutant (PM10 or PM2.5).

	lookup for HRA
2028 **PM2.5** Lbs	
40.335	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

2028 PM2.5 Lbs	
5.038	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

S = mean vehicle speed (mph). The AP-42 default value is 7.1 mph.

$F_{PM2.5}$ = PM2.5 scaling factor. The AP-42 default value is 0.031.

F_{PM10} = PM10 scaling factor. The AP-42 default value is 0.6.

Grading dust emissions are calculated by multiplying the emission factors with the total VMT for the grading equipment (i.e., grader). VMT is estimated based on the dimensions of the grading area and the blade width of the grading equipment.

$$E_p = EF_p \times VMT, \text{ and}$$

$$VMT = As/Wb \times UC_1 \div UC_2$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/VMT).

VMT = vehicle miles traveled (mile).

As = the acreage of the grading site (acre/day).

Wb = Blade width of the grading equipment. The program uses a default blade width of 12 feet based on Caterpillar's 140 Motor Grader (Caterpillar 2021).

UC_1 = unit conversion from acre to square feet (43,560 sqft/acre).

UC_2 = unit conversion from feet to miles (5,280 feet/mile).

p = pollutant (PM10 or PM2.5).

2028 PM2.5 Lbs	
291.300	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

$$EF_p = k \times (0.0032) \times \frac{\left(\frac{U}{5}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}}$$

Where:

EF = emission factor (lb/short ton).

K = particle size multiplier. The AP-42 default value for PM10 is 0.35 and that for PM2.5 is 0.053.

U = mean wind speed. The program selects wind speed based on the value listed on the **Project Detail** screen. It has been converted internally to miles per hour.

M = material moisture content (percent). The moisture contents of different materials are listed in AP-42 (USEPA 2006a:Table 13.2.4-1). The program uses the moisture content of cover (12%) as default.

p = pollutant (PM10 or PM2.5).

Fugitive dust emissions are calculated by multiplying the emission factor with the throughput of loaded and unloaded material that is entered by the user (i.e., material imported and exported).

$$E_p = EF_p \times TP$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/short ton).

TP = throughput of loaded and unloaded materials (short ton/day). Refer to Appendix D, *Technical Source Documentation for Emissions Calculations*, for suggested material movement quantities by project land use type and size.

p = pollutant (PM10 or PM2.5).

2028 PM2.5 Lbs	
0.000	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

Kaiser San Jose
Construction Off-Gassing Calculations
Hospital and Parking Garage Construction

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	square feet	3.01
Parking Garage	419,320	square feet	1.38
Parking Lot	101,369	square feet	2.33

Project Design Features

Architectural Coating	
1%	exterior of hospital painted

Construction Schedule
HIDE ROW
HIDE ROW

							Workdays By Year				Workday Fraction By Year			
							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
2	Site Preparation	Site Preparation	2/3/2025	3/17/2025	5	31	31	0	0	0	1.00	0.00	0.00	0.00
3	Grading (parking structure)	Grading	3/17/2025	4/18/2025	5	25	25	0	0	0	1.00	0.00	0.00	0.00
4	Grading (hospital)	Grading	3/28/2025	6/13/2025	5	56	56	0	0	0	1.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking Structure	Grading	12/29/2025	3/23/2026	5	61	3	58	0	0	0.05	0.95	0.00	0.00
6	Trenching Phase 2 Hospital	Grading	1/1/2026	1/1/2027	5	262	0	261	1	0	0.00	1.00	0.00	0.00
7	Building Construction Parking Structure	Building Construction	3/17/2025	5/18/2026	5	306	208	98	0	0	0.68	0.32	0.00	0.00
8	Building Construction Hospital	Building Construction	6/16/2025	3/15/2028	5	718	143	261	261	53	0.20	0.36	0.36	0.07
9	Paving	Paving	1/2/2027	7/1/2027	5	129	0	0	129	0	0.00	0.00	1.00	0.00
10	Architectural Coating Parking Structure	Architectural Coating	9/6/2025	3/17/2026	5	137	83	54	0	0	0.61	0.39	0.00	0.00
11	Architectural Coating Hospital	Architectural Coating	4/9/2026	1/4/2028	5	454	0	191	261	2	0.00	0.42	0.57	0.00
		Full Phase	**2/3/2025**	**3/15/2028**	5	813	**238**	**261**	**261**	**53**				
		Full Construction	**2/3/2025**	**7/16/2028**										

Fugitive Off-Gassing Emissions Estimates

Hospital
Total BLDG Square Footage (SF) 650,000.00
Total Surface area painting (SF) 1,300,000.00 *total surface for painting equals ... two times that for nonresidential square footage*
Surface Area Interior (SF) 975,000.00 *75% for the interior surfaces and 25% for the exterior shell.*
Surface Area Exterior (SF) 325,000.00

Mass Timber Assumptions
Hospital Nonresidential Interior — Surface Area Interior (SF) 975,000.00 *area painted*
Hospital Nonresidential Exterior — Surface Area Exterior (SF) 3250 *area painted*

Parking Garage
Parking Garage Paving Off-Gasing — Paving Acreage (acre) 0.00 *parking garage = concrete*
Parking Garage Parking — Paving painted (SF) 25159 *Default percent of parking lot area that is painted: 6%*

Parking Lot
Parking Lot Paving Off-Gasing — Paving Acreage (acre) 1.38
Parking Lot Parking — Paving painted (SF) 3594 *Default percent of parking lot area that is painted: 6%*

Emission Factors Painting

Air District	Surface Type	ROG EF	UOM	ROG EF	UOM
BAAQMD	Nonresidential Exterior	150	g/L	0.00695	lb/sqft
BAAQMD	Nonresidential Interior	100	g/L	0.00464	lb/sqft
BAAQMD	Residential Exterior	150	g/L	0.00695	lb/sqft
BAAQMD	Residential Interior	100	g/L	0.00464	lb/sqft
BAAQMD	Parking	100	g/L	0.00464	lb/sqft

UC1 = 0.002204623 lb/g
UC2 = 3.78541 L/gal
S = 180 sqft/gal

Emission Factors Paving

	ROG EF	UOM
Paving Off-Gasing	2.62	lb/acre

Lookup	Surface Area	UOM	EF	UOM
Architectural Coating Hospital	Hospital Nonresidential Interior	975,000.00	SF	0.00464	lb/SF
Architectural Coating Hospital	Hospital Nonresidential Exterior	3,250.00	SF	0.00695	lb/SF
Paving	Parking Garage Paving Off-Gasing	0.00	acre	2.62000	lb/acre
Architectural Coating Parking Structure	Parking Garage Parking	25,159.20	SF	0.00464	lb/SF
Paving	Parking Lot Paving Off-Gasing	1.38	acre	2.62000	lb/acre
Architectural Coating Hospital	Parking Lot Parking	3,594.17	SF	0.00464	lb/SF

Paving Emissions

Phase Name	Phase Type	Activity Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs
Site Preparation	Site Preparation	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Structure	Grading	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking Structure	Building Construction	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.603	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking Structure	Architectural Coating	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Paving	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Totals	Site Preparation		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Painting Emissions

			ROG_2025	*NOX_2025*	*PM10_2025*	*PM2.5_2025*	*ROG_2026*	*NOX_2026*	*PM10_2026*	*PM2.5_2026*	*ROG_2027*	*NOX_2027*	*PM10_2027*	*PM2.5_2027*	*ROG_2028*	*NOX_2028*
Phase Name	Phase Type	Activity Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs
Site Preparation	Site Preparation	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Structure	Grading	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking Structure	Building Construction	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Painting	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking Structure	Architectural Coating	Painting	70.669	0.000	0.000	0.000	45.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Painting	0.000	0.000	0.000	0.000	1918.284	0.000	0.000	0.000	2621.320	0.000	0.000	0.000	20.087	0.000
Totals	Site Preparation		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		70.67	0.00	0.00	0.00	45.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	1918.28	0.00	0.00	0.00	2621.32	0.00	0.00	0.00	20.09	0.00
	Total		70.67	0.00	0.00	0.00	1964.26	0.00	0.00	0.00	2624.92	0.00	0.00	0.00	20.09	0.00

2028 **PM10** lbs	2028 **PM2.5** lbs
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000

0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

PM10_2028 *PM2.5_2028*

2028 **PM10** lbs	2028 **PM2.5** lbs
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000
0.000	0.000

0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

0.00	0.00

Kaiser San Jose
Mitigated Construction Off-road and Mobile Exhaust Calculations
Demolition of Hospital ONLY

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	squart feet	3.01
Parking Garage	419,320	squart feet	1.38
Parking Lot	101,369	squart feet	2.33

Project Design Features

Architectural Coating	
1%	exterior of hospital painted

Construction Schedule
HIDE ROW
HIDE ROW

							Workdays By Year				Workday Fraction By Year			
							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
1	Demolition	Demolition	3/15/2028	7/16/2028	5	88	0	0	0	88	0.00	0.00	0.00	1.00
		Full Phase	**3/15/2028**	**7/16/2028**	5	88	**0**	**0**	**0**	**88**				
		Full Construction	**2/3/2025**	**7/16/2028**	5	900	**238**	**261**	**261**	**140**				

Off-Road Equipment Info

											Equipment Hours by Year			
Phase Number	Phase Name	Offroad Equipment Type	NAME MATCH Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Horse Power	Load Factor	Total Hours Use	2025	2026	2027	2028
1	Demolition	Cranes	Cranes	Diesel	1	88	8	450	0.29	704	0.0	0.0	0.0	704.0
1	Demolition	Excavators	Excavators	Diesel	2	88	8	530	0.38	1408	0.0	0.0	0.0	1408.0
1	Demolition	Off-Highway Trucks	Off-Highway Tr	Diesel	1	88	8	455	0.38	704	0.0	0.0	0.0	704.0
1	Demolition	Rubber Tired Dozers	Rubber Tired D	Diesel	1	88	8	330	0.4	704	0.0	0.0	0.0	704.0
1	Demolition	Rubber Tired Loaders	Rubber Tired L	Diesel	1	88	8	59	0.36	704	0.0	0.0	0.0	704.0
1	Demolition	Skid Steer Loaders	Skid Steer Load	Diesel	1	88	8	58	0.37	704	0.0	0.0	0.0	704.0

Worker Trips

					Total Miles by Year			
Phase Number	Phase Name	Worker Trips (Total)	Worker Trip	Worker Vehicle				
		Number	Length (mi)	Class	2025	2026	2027	2028
1	Demolition	1584.00	11.7	LD_Mix	0.00	0.00	0.00	18532.80

49
74
119
174
299
599
750
999

Vendor Info

					Total Miles by Year			
Phase Number	Phase Name	Vendor Trip (Total)	Vendor Trip	Vendor				
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
1	Demolition	0.00	8.4	HDT_Mix	0.00	0.00	0.00	0.00

Haul Truck Info

					Total Miles by Year			
Phase Number	Phase Name	Hauling Trip (Total)	Hauling Trip	Hauling				
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
1	Demolition	1138.00	20	HHDT	0.00	0.00	0.00	22760.00

Offroad Emissions Estimates

Offroad Emission Factors

Offroad Equipment MATCH	Fuel Type	Horse Power	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
		HP HIGH	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr
Cranes	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Excavators	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Off-Highway Trucks	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rubber Tired Dozers	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rubber Tired Loaders	Diesel	74	0.09	2.74	0.01	0.01	0.09	2.74	0.01	0.01	0.09	2.74	0.01	0.01	0.09	2.74	0.01	0.01
Skid Steer Loaders	Diesel	74	0.09	2.74	0.01	0.01	0.09	2.74	0.01	0.01	0.09	2.74	0.01	0.01	0.09	2.74	0.01	0.01

Offroad Emissions

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Offroad Equipment	Horse Power	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Cranes	450	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	52.7	2.0	2.0
Demolition	Excavators	530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3	162.5	6.3	6.3
Demolition	Off-Highway Trucks	455	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	69.8	2.7	2.7
Demolition	Rubber Tired Dozers	330	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	53.3	2.0	2.0
Demolition	Rubber Tired Loaders	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	90.3	0.3	0.3
Demolition	Skid Steer Loaders	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	91.3	0.3	0.3
Totals	Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.01	519.83	13.67	13.67

Onroad Emissions Estimates

Exhaust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi
Worker	50%	LDA	0.114	0.053	0.001	0.001	0.108	0.049	0.001	0.001	0.104	0.046	0.001	0.001	0.099	0.044	0.001	0.001
Worker	25%	LDT1	0.271	0.142	0.002	0.002	0.253	0.130	0.002	0.002	0.238	0.119	0.002	0.002	0.229	0.109	0.002	0.002
Worker	25%	LDT2	0.135	0.088	0.002	0.001	0.130	0.082	0.002	0.001	0.126	0.076	0.001	0.001	0.121	0.072	0.001	0.001
Vendor	50%	MHDT	0.081	1.628	0.012	0.011	0.073	1.520	0.010	0.010	0.066	1.417	0.009	0.008	0.060	1.315	0.007	0.007
Vendor	50%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Haul	100%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Worker			0.158	0.084	0.002	0.001	0.150	0.077	0.002	0.001	0.143	0.072	0.001	0.001	0.137	0.067	0.001	0.001
Vendor			0.071	2.085	0.018	0.018	0.067	1.995	0.017	0.017	0.063	1.907	0.017	0.016	0.060	1.817	0.016	0.015
Haul			0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023

Fugitive Dust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi
Worker	50%	LDA	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020
Worker	25%	LDT1	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Worker	25%	LDT2	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Vendor	50%	MHDT	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.056	0.135	0.019	0.020
Vendor	50%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Haul	100%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Worker			0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020
Vendor			0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020
Haul			0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020

Onroad Exhaust Emissions - Worker

Phase Name	Vehicle Category	Trip Type	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.599	2.730	0.056	0.051

Onroad Exhaust Emissions - Vendor

Phase Name	Vehicle Category	Trip Type	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Onroad Exhaust Emissions - Haul

			ROG 2025	*NOX 2025*	*PM10 2025*	*PM2.5 2025*	*ROG 2026*	*NOX 2026*	*PM10 2026*	*PM2.5 2026*	*ROG 2027*	*NOX 2027*	*PM10 2027*	*PM2.5 2027*	*ROG 2028*	*NOX 2028*	*PM10 2028*	*PM2.5 2028*
Phase Name	Vehicle Category	Trip Type	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.005	116.416	1.222	1.169
Totals	Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.60	119.15	1.28	1.22

Fugitive Dust Emission - Worker

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.656	5.509	0.197	0.826

Fugitive Dust Emission - Vendor

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
Demolition	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Fugitive Dust Emission - Haul

			PM10	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*	*PM10*	*PM10*	*PM2.5*	*PM2.5*
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW	2025 PM10 RD	2025 PM2.5 BWTW	2025 PM2.5 RD	2026 PM10 BWTW	2026 PM10 RD	2026 PM2.5 BWTW	2026 PM2.5 RD	2027 PM10 BWTW	2027 PM10 RD	2027 PM2.5 BWTW	2027 PM2.5 RD	2028 PM10 BWTW	2028 PM10 RD	2028 PM2.5 BWTW	2028 PM2.5 RD
			lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs

Demolition	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.877	6.765	1.881	1.015
Totals	Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.53	12.27	2.08	1.84

Kaiser San Jose
Mitigated Construction Off-road and Mobile Exhaust Calculations
Hospital and Parking Garage Construction (no demo)

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	squart feet	3.01
Parking Garage	419,320	squart feet	1.38
Parking Lot	101,369	squart feet	2.33

Project Design Features

Architectural Coating	
1%	exterior of hospital painted

Construction Schedule
HIDE ROW
HIDE ROW

							Workdays By Year				Workday Fraction By Year			
							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
2	Site Preparation	Site Preparation	2/3/2025	3/17/2025	5	31	31	0	0	0	1.00	0.00	0.00	0.00
3	Grading (parking structure)	Grading	3/17/2025	4/18/2025	5	25	25	0	0	0	1.00	0.00	0.00	0.00
4	Grading (hospital)	Grading	3/28/2025	6/13/2025	5	56	56	0	0	0	1.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking	Grading	12/29/2025	3/23/2026	5	61	3	58	0	0	0.05	0.95	0.00	0.00
6	Trenching Phase 2 Hospital	Grading	1/1/2026	1/1/2027	5	262	0	261	1	0	0.00	1.00	0.00	0.00
7	Building Construction Parking	Building Construction	3/17/2025	5/18/2026	5	306	208	98	0	0	0.68	0.32	0.00	0.00
8	Building Construction Hospital	Building Construction	6/16/2025	3/15/2028	5	718	143	261	261	53	0.20	0.36	0.36	0.07
9	Paving	Paving	1/2/2027	7/1/2027	5	129	0	0	129	0	0.00	0.00	1.00	0.00
10	Architectural Coating Parking	Architectural Coating	9/6/2025	3/17/2026	5	137	83	54	0	0	0.61	0.39	0.00	0.00
11	Architectural Coating Hospital	Architectural Coating	4/9/2026	1/4/2028	5	454	0	191	261	2	0.00	0.42	0.57	0.00
		Full Phase	**2/3/2025**	**3/15/2028**	5	813	**238**	**261**	**261**	**53**				
		Full Construction	**2/3/2025**	**7/16/2028**	5	900	**238**	**261**	**261**	**140**				

Off-Road Equipment Info

										Equipment Hours by Year			
Phase Number	Phase Name	Offroad Equipment Type	NAME MATCH Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Horse Power	Load Factor	Total Hours Use	2025	2026	2027	2028
2	Site Preparation	Air Compressors	Air Compressor	Diesel	2	15	8	37	0.48	240	240.0	0.0	0.0	0.0
2	Site Preparation	Concrete/Industrial Saws	Concrete/Indu	Diesel	2	5	8	33	0.73	80	80.0	0.0	0.0	0.0
2	Site Preparation	Crushing/Proc. Equipment (asp	Other Construc	Diesel	1	10	8	82	0.42	80	80.0	0.0	0.0	0.0
2	Site Preparation	Excavators	Excavators	Diesel	2	15	8	36	0.38	240	240.0	0.0	0.0	0.0
2	Site Preparation	Graders	Graders	Diesel	1	5	8	148	0.41	40	40.0	0.0	0.0	0.0
2	Site Preparation	Rollers	Rollers	Diesel	2	5	8	36	0.38	80	80.0	0.0	0.0	0.0
2	Site Preparation	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	25	8	96	0.4	400	400.0	0.0	0.0	0.0
2	Site Preparation	Rubber Tired Loaders	Rubber Tired L	Diesel	2	20	8	150	0.36	320	320.0	0.0	0.0	0.0
2	Site Preparation	Scrapers	Scrapers	Diesel	2	10	8	423	0.48	160	160.0	0.0	0.0	0.0
2	Site Preparation	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	25	8	36	0.46	200	200.0	0.0	0.0	0.0
2	Site Preparation	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	20	8	84	0.37	320	320.0	0.0	0.0	0.0
3	Grading (parking structure)	Excavators	Excavators	Diesel	1	18	8	36	0.38	144	144.0	0.0	0.0	0.0
3	Grading (parking structure)	Graders	Graders	Diesel	1	8	8	148	0.41	64	64.0	0.0	0.0	0.0
3	Grading (parking structure)	Rollers	Rollers	Diesel	1	8	8	36	0.38	64	64.0	0.0	0.0	0.0
3	Grading (parking structure)	Scrapers	Scrapers	Diesel	2	8	8	423	0.48	128	128.0	0.0	0.0	0.0
3	Grading (parking structure)	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	22	8	36	0.46	176	176.0	0.0	0.0	0.0
3	Grading (parking structure)	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	22	8	84	0.37	352	352.0	0.0	0.0	0.0
4	Grading (hospital)	Air Compressors	Air Compressor	Diesel	1	40	8	37	0.48	320	320.0	0.0	0.0	0.0
4	Gradine (hosoital)	Concrete/Industrial Saws	Concrete/Indu	Diesel	1	5	8	33	0.73	40	40.0	0.0	0.0	0.0
4	Grading (hospital)	Cranes	Cranes	Diesel	1	30	8	367	0.29	240	240.0	0.0	0.0	0.0
4	Gradine (hosoital)	Excavators	Excavators	Diesel	2	30	10	36	0.38	600	600.0	0.0	0.0	0.0
4	Grading (hospital)	Plate Compactors	Plate Compacto	Diesel	4	20	8	8	0.43	640	640.0	0.0	0.0	0.0
4	Gradine (hosoital)	Rollers	Rollers	Diesel	2	10	8	36	0.38	160	160.0	0.0	0.0	0.0
4	Grading (hospital)	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	44	8	96	0.4	704	704.0	0.0	0.0	0.0
4	Gradine (hosoital)	Rubber Tired Loaders	Rubber Tired L	Diesel	1	30	8	150	0.36	240	240.0	0.0	0.0	0.0
4	Grading (hospital)	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	44	8	36	0.46	352	352.0	0.0	0.0	0.0
4	Gradine (hosoital)	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	40	8	84	0.37	640	640.0	0.0	0.0	0.0
5	Trenching Phase 1 Parking	Air Compressors	Air Compressor	Diesel	2	4	2	37	0.48	16	0.8	15.2	0.0	0.0
5	Trenching Phase 1 Parking	Cement and Mortar Mixers	Cement and M	Diesel	2	7	3	10	0.56	42	2.1	39.9	0.0	0.0
5	Trenching Phase 1 Parking	Excavators	Excavators	Diesel	2	10	8	36	0.38	160	7.9	152.1	0.0	0.0
5	Trenching Phase 1 Parking	Rollers	Rollers	Diesel	1	4	8	36	0.38	32	1.6	30.4	0.0	0.0
5	Trenching Phase 1 Parking	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	22	8	36	0.46	176	8.7	167.3	0.0	0.0
5	Trenching Phase 1 Parking	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	22	8	84	0.37	352	17.3	334.7	0.0	0.0
6	Trenching Phase 2 Hospital	Air Compressors	Air Compressor	Diesel	1	80	8	37	0.48	640	0.0	637.6	2.4	0.0
6	Trenching Phase 2 Hospital	Cement and Mortar Mixers	Cement and M	Diesel	2	80	8	10	0.56	1280	0.0	1275.1	4.9	0.0
6	Trenching Phase 2 Hospital	Concrete/Industrial Saws	Concrete/Indu	Diesel	1	15	8	33	0.73	120	0.0	119.5	0.5	0.0
6	Trenching Phase 2 Hospital	Cranes	Cranes	Diesel	1	40	8	367	0.29	320	0.0	318.8	1.2	0.0
6	Trenching Phase 2 Hospital	Excavators	Excavators	Diesel	2	60	8	36	0.38	960	0.0	956.3	3.7	0.0
6	Trenching Phase 2 Hospital	Plate Compactors	Plate Compacto	Diesel	4	80	8	8	0.43	2560	0.0	2550.2	9.8	0.0
6	Trenching Phase 2 Hospital	Rollers	Rollers	Diesel	1	12	8	36	0.38	96	0.0	95.6	0.4	0.0
6	Trenching Phase 2 Hospital	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	60	8	96	0.4	960	0.0	956.3	3.7	0.0
6	Trenching Phase 2 Hospital	Rubber Tired Loaders	Rubber Tired L	Diesel	1	60	8	150	0.36	480	0.0	478.2	1.8	0.0
6	Trenching Phase 2 Hospital	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	90	8	36	0.46	720	0.0	717.3	2.7	0.0
6	Trenching Phase 2 Hospital	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	2	80	8	84	0.37	1280	0.0	1275.1	4.9	0.0
7	Building Construction Parking	Aerial Lifts	Aerial Lifts	Diesel	4	198	8	46	0.31	6336	4306.8	2029.2	0.0	0.0
7	Building Construction Parking	Air Compressors	Air Compressor	Diesel	2	110	8	37	0.48	1760	1196.3	563.7	0.0	0.0
7	Building Construction Parking	Cranes	Cranes	Diesel	2	100	8	367	0.29	1600	1087.6	512.4	0.0	0.0
7	Building Construction Parking	Excavators	Excavators	Diesel	2	44	8	36	0.38	704	478.5	225.5	0.0	0.0
7	Building Construction Parking	Rough Terrain Forklifts	Rough Terrain I	Diesel	2	250	8	96	0.4	4000	2719.0	1281.0	0.0	0.0
7	Building Construction Parking	Welders	Welders	Diesel	2	88	8	46	0.45	1408	957.1	450.9	0.0	0.0
8	Building Construction Hospital	Aerial Lifts	Aerial Lifts	Diesel	6	390	8	46	0.31	18720	3728.4	6804.9	6804.9	1381.8
8	Building Construction Hospital	Air Compressors	Air Compressor	Diesel	2	200	8	37	0.48	3200	637.3	1163.2	1163.2	236.2
8	Building Construction Hospital	Concrete/Industrial Saws	Concrete/Indu	Diesel	2	100	5	33	0.73	1000	199.2	363.5	363.5	73.8
8	Building Construction Hospital	Generator Sets	Generator Sets	Diesel	1	30	8	14	0.74	240	47.8	87.2	87.2	17.7
8	Building Construction Hospital	Rough Terrain Forklifts	Rough Terrain I	Diesel	3.5	649.5	6	96	0.4	13639.5	2716.5	4958.1	4958.1	1006.8
8	Building Construction Hospital	Sweepers/Scrubbers	Sweepers/Scru	Diesel	1	704	8	36	0.46	5632	1121.7	2047.3	2047.3	415.7
8	Building Construction Hospital	Welders	Welders	Diesel	8	129.9	8	46	0.45	8313.6	1655.8	3022.1	3022.1	613.7
8	Building Construction Hospital	Cranes 1	Cranes	Diesel	1	75	10	367	0.29	750	149.4	272.6	272.6	55.4
8	Building Construction Hospital	Cranes 2	Cranes	Diesel	1	75	8	367	0.29	600	119.5	218.1	218.1	44.3
8	Building Construction Hospital	Cranes 3	Cranes	Diesel	1	116.91	8	367	0.29	935.28	186.3	340.0	340.0	69.0
9	Paving	Air Compressors	Air Compressor	Diesel	2	44	4	37	0.48	352	0.0	0.0	352.0	0.0
9	Paving	Graders	Graders	Diesel	1	30	8	148	0.41	240	0.0	0.0	240.0	0.0
9	Paving	Pavers	Pavers	Diesel	1	5	8	81	0.42	40	0.0	0.0	40.0	0.0
9	Paving	Rollers	Rollers	Diesel	2	15	8	36	0.38	240	0.0	0.0	240.0	0.0
9	Paving	Rubber Tired Loaders	Rubber Tired L	Diesel	2	25	8	150	0.36	400	0.0	0.0	400.0	0.0
9	Paving	Scrapers	Scrapers	Diesel	1	30	8	423	0.48	240	0.0	0.0	240.0	0.0
9	Paving	Tractors/Loaders/Backhoes	Tractors/Loade	Diesel	1	10	8	84	0.37	80	0.0	0.0	80.0	0.0
9	Paving	Trenchers	Trenchers	Diesel	1	22	8	40	0.5	176	0.0	0.0	176.0	0.0
10	Architectural Coating Parking	Aerial Lifts	Aerial Lifts	Diesel	2	0.375	8	46	0.31	6.0	3.6	2.4	0.0	0.0
10	Architectural Coating Parking	Other Construction Equipment	Air Compressor	Gasoline	2	26.250	8	6	0.56	420.0	254.5	165.5	0.0	0.0
11	Architectural Coating Hospital	Aerial Lifts	Aerial Lifts	Diesel	2	14.625	8	46	0.31	234.0	0.0	98.4	134.5	1.0
11	Architectural Coating Hospital	Other Construction Equipment	Air Compressor	Gasoline	2	3.750	8	6	0.56	60.0	0.0	25.2	34.5	0.3

Table Name	Column Name	New Value		
tblGrading	AcresOfGrading	1.34		
tblGrading	MaterialExported	4,000.00		
	Demo Debris	7,550.00	CY	from ICF data tracker
	Demo Debris	3775	ton	**USE FUGITIVE DUST FROM CALEEMOD OUTPUTS**

Demolition - 1 cubic yard = 0.5 tons of building debris

Worker Trips

Phase Number	Phase Name	Worker Trips (Total)	Worker Trip	Worker Vehicle	Total Miles by Year			
		Number	Length (mi)	Class	2025	2026	2027	2028
2	Site Preparation	100.00	11.7	LD Mix	1170.00	0.00	0.00	0.00
3	Grading (parking structure)	50.00	11.7	LD Mix	585.00	0.00	0.00	0.00
4	Grading (hospital)	80.00	11.7	LD Mix	936.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking	40.00	11.7	LD Mix	23.02	444.98	0.00	0.00
6	Trenching Phase 2 Hospital	40.00	11.7	LD Mix	0.00	466.21	1.79	0.00
7	Building Construction Parking	160.00	11.7	LD Mix	1272.47	599.53	0.00	0.00
8	Building Construction Hospital	600.00	11.7	LD Mix	1398.13	2551.84	2551.84	518.19
9	Paving	40.00	11.7	LD Mix	0.00	0.00	468.00	0.00
10	Architectural Coating Parking	16.00	11.7	LD Mix	113.41	73.79	0.00	0.00
11	Architectural Coating Hospital	40.00	11.7	LD Mix	0.00	196.89	269.05	2.06

Vendor Info

Phase Number	Phase Name	Vendor Trip (Total)	Vendor Trip	Vendor	Total Miles by Year			
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
2	Site Preparation	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
3	Grading (parking structure)	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
4	Grading (hospital)	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
6	Trenching Phase 2 Hospital	0.00	8.4	HDT Mix	0.00	0.00	0.00	0.00
7	Building Construction Parking	10898.00	8.4	HDT Mix	62225.44	29317.76	0.00	0.00
8	Building Construction Hospital	13878.00	8.4	HDT Mix	23217.62	42376.22	42376.22	8605.13
9	Paving	1260.00	8.4	HDT Mix	0.00	0.00	10584.00	0.00
10	Architectural Coating Parking	66.00	8.4	HDT Mix	335.88	218.52	0.00	0.00
11	Architectural Coating Hospital	240.00	8.4	HDT Mix	0.00	848.14	1158.98	8.88

Haul Truck Info

Phase Number	Phase Name	Hauling Trip (Total)	Hauling Trip	Hauling	Total Miles by Year			
		Number	Length (mi)	Vehicle Class	2025	2026	2027	2028
2	Site Preparation	110.00	20	HHDT	2200.00	0.00	0.00	0.00
3	Grading (parking structure)	1083.75	20	HHDT	21675.00	0.00	0.00	0.00
4	Grading (hospital)	12697.13	20	HHDT	253942.50	0.00	0.00	0.00
5	Trenching Phase 1 Parking	10.00	20	HHDT	9.84	190.16	0.00	0.00
6	Trenching Phase 2 Hospital	20.00	20	HHDT	0.00	398.47	1.53	0.00
7	Building Construction Parking	0.00	20	HHDT	0.00	0.00	0.00	0.00

8	Building Construction Hospital	0.00	20 HHDT	0.00	0.00	0.00	0.00
9	Paving	0.00	20 HHDT	0.00	0.00	0.00	0.00
10	Architectural Coating Parking	0.00	20 HHDT	0.00	0.00	0.00	0.00
11	Architectural Coating Hospital	0.00	20 HHDT	0.00	0.00	0.00	0.00

Offroad Emissions Estimates

Offroad Emission Factors

Offroad Equipment MATCH	Fuel Type	Horse Power	2025 ROG	2025 NOX	2025 PM10	2025 PM2.5	2026 ROG	2026 NOX	2026 PM10	2026 PM2.5	2027 ROG	2027 NOX	2027 PM10	2027 PM2.5	2028 ROG	2028 NOX	2028 PM10	2028 PM2.5
		HP HIGH	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr
Air Compressors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Concrete/Industrial Saws	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Other Construction Equipment	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Excavators	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Graders	Diesel	174	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rollers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rough Terrain Forklifts	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rubber Tired Loaders	Diesel	174	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Scrapers	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Sweepers/Scrubbers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Tractors/Loaders/Backhoes	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Excavators	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Graders	Diesel	174	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rollers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Scrapers	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Sweepers/Scrubbers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Tractors/Loaders/Backhoes	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Air Compressors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Concrete/Industrial Saws	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Cranes	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Excavators	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Plate Compactors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rollers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rough Terrain Forklifts	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rubber Tired Loaders	Diesel	174	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Sweepers/Scrubbers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Tractors/Loaders/Backhoes	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Air Compressors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Cement and Mortar Mixers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Excavators	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rollers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Sweepers/Scrubbers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Tractors/Loaders/Backhoes	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Air Compressors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Cement and Mortar Mixers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Concrete/Industrial Saws	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Cranes	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Excavators	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Plate Compactors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rollers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rough Terrain Forklifts	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Rubber Tired Loaders	Diesel	174	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Sweepers/Scrubbers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Tractors/Loaders/Backhoes	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Aerial Lifts	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Air Compressors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Cranes	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Excavators	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rough Terrain Forklifts	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Welders	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Aerial Lifts	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Air Compressors	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Concrete/Industrial Saws	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Generator Sets	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Rough Terrain Forklifts	Diesel	119	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01
Sweepers/Scrubbers	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Welders	Diesel	49	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01	0.09	2.75	0.01	0.01
Cranes	Diesel	599	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26	0.01	0.01	0.05	0.26

Architectural Coating Parking S	Aerial Lifts	46	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Architectural Coating Parking S	Other Construction Equipment	6	0.2	5.2	0.0	0.0	0.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Architectural Coating Hospital	Aerial Lifts	46	0.0	0.0	0.0	0.0	0.3	8.5	0.0	0.0	0.4	11.6	0.0	0.0	0.0	0.1	0.0	0.0
Architectural Coating Hospital	Other Construction Equipment	6	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Totals	Site Preparation		11.60	130.15	2.08	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		5.64	58.32	1.03	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		14.39	200.99	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.12	2.12	0.02	0.02	2.29	40.90	0.36	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	26.19	419.86	4.24	4.24	0.10	1.61	0.02	0.02	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		45.90	787.16	7.26	7.26	21.63	370.87	3.42	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		41.17	831.02	6.07	6.07	75.14	1516.76	11.08	11.08	75.14	1516.76	11.08	11.08	15.26	308.00	2.25	2.25
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.37	130.01	2.24	2.24	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		0.18	5.50	0.02	0.02	0.12	3.58	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	0.30	9.03	0.03	0.03	0.40	12.33	0.04	0.04	0.00	0.09	0.00	0.00
			119.00	2015.24	18.91	18.91	125.66	2361.00	19.15	19.15	88.02	1660.72	13.39	13.39	15.26	308.10	2.25	2.25

Onroad Emissions Estimates

Exhaust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 ROG g/mi	2025 NOX g/mi	2025 PM10 g/mi	2025 PM2.5 g/mi	2026 ROG g/mi	2026 NOX g/mi	2026 PM10 g/mi	2026 PM2.5 g/mi	2027 ROG g/mi	2027 NOX g/mi	2027 PM10 g/mi	2027 PM2.5 g/mi	2028 ROG g/mi	2028 NOX g/mi	2028 PM10 g/mi	2028 PM2.5 g/mi
Worker	50%	LDA	0.114	0.053	0.001	0.001	0.108	0.049	0.001	0.001	0.104	0.046	0.001	0.001	0.099	0.044	0.001	0.001
Worker	25%	LDT1	0.271	0.142	0.002	0.002	0.253	0.130	0.002	0.002	0.238	0.119	0.002	0.002	0.229	0.109	0.002	0.002
Worker	25%	LDT2	0.135	0.088	0.002	0.001	0.130	0.082	0.002	0.001	0.126	0.076	0.001	0.001	0.121	0.072	0.001	0.001
Vendor	50%	MHDT	0.081	1.628	0.012	0.011	0.073	1.520	0.010	0.010	0.066	1.417	0.009	0.008	0.060	1.315	0.007	0.007
Vendor	50%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Haul	100%	HHDT	0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023
Worker			0.158	0.084	0.002	0.001	0.150	0.077	0.002	0.001	0.143	0.072	0.001	0.001	0.137	0.067	0.001	0.001
Vendor			0.071	2.085	0.018	0.018	0.067	1.995	0.017	0.017	0.063	1.907	0.017	0.016	0.060	1.817	0.016	0.015
Haul			0.062	2.541	0.025	0.024	0.061	2.470	0.025	0.024	0.061	2.397	0.025	0.024	0.060	2.320	0.024	0.023

Fugitive Dust Emission Factors

Vehicle Category	Fleet Mix	EMFAC Category	2025 PM10 BWTW g/mi	2025 PM10 RD g/mi	2025 PM2.5 BWTW g/mi	2025 PM2.5 RD g/mi	2026 PM10 BWTW g/mi	2026 PM10 RD g/mi	2026 PM2.5 BWTW g/mi	2026 PM2.5 RD g/mi	2027 PM10 BWTW g/mi	2027 PM10 RD g/mi	2027 PM2.5 BWTW g/mi	2027 PM2.5 RD g/mi	2028 PM10 BWTW g/mi	2028 PM10 RD g/mi	2028 PM2.5 BWTW g/mi	2028 PM2.5 RD g/mi
Worker	50%	LDA	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020	0.015	0.135	0.004	0.020
Worker	25%	LDT1	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Worker	25%	LDT2	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020	0.017	0.135	0.005	0.020
Vendor	50%	MHDT	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.057	0.135	0.019	0.020	0.056	0.135	0.019	0.020
Vendor	50%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Haul	100%	HHDT	0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020
Worker			0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020	0.016	0.135	0.005	0.020
Vendor			0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020	0.087	0.135	0.028	0.020
Haul			0.116	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020	0.117	0.135	0.037	0.020

Onroad Exhaust Emissions - Worker

			ROG 2025	NOX 2025	PM10 2025	PM2.5 2025	ROG 2026	NOX 2026	PM10 2026	PM2.5 2026	ROG 2027	NOX 2027	PM10 2027	PM2.5 2027	ROG 2028	NOX 2028	PM10 2028	PM2.5 2028
Phase Name	Vehicle Category	Trip Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs	2028 PM10 lbs	2028 PM2.5 lbs
Site Preparation	Worker	Worker Trip	0.409	0.216	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Worker	Worker Trip	0.204	0.108	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Worker	Worker Trip	0.327	0.173	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Worker	Worker Trip	0.008	0.004	0.000	0.000	0.147	0.076	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.154	0.080	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Worker	Worker Trip	0.444	0.235	0.005	0.004	0.198	0.102	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Worker	Worker Trip	0.488	0.258	0.005	0.005	0.842	0.435	0.009	0.008	0.804	0.403	0.008	0.008	0.157	0.076	0.002	0.001
Paving	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.147	0.074	0.002	0.001	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Worker	Worker Trip	0.040	0.021	0.000	0.000	0.024	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.065	0.034	0.001	0.001	0.085	0.043	0.001	0.001	0.001	0.000	0.000	0.000
			1.920	1.016	0.020	0.018	1.430	0.739	0.015	0.014	1.036	0.520	0.011	0.010	0.157	0.077	0.002	0.001

Onroad Exhaust Emissions - Vendor

			ROG 2025	NOX 2025	PM10 2025	PM2.5 2025	ROG 2026	NOX 2026	PM10 2026	PM2.5 2026	ROG 2027	NOX 2027	PM10 2027	PM2.5 2027	ROG 2028	NOX 2028	PM10 2028	PM2.5 2028
Phase Name	Vehicle Category	Trip Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs	2028 PM10 lbs	2028 PM2.5 lbs
Site Preparation	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Vendor	Vendor Trip	9.787	286.013	2.529	2.419	4.334	128.930	1.130	1.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Vendor	Vendor Trip	3.652	106.717	0.944	0.902	6.265	186.357	1.634	1.563	5.916	178.183	1.556	1.488	1.135	34.479	0.301	0.288
Paving	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.478	44.504	0.389	0.372	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Vendor	Vendor Trip	0.053	1.544	0.014	0.013	0.032	0.961	0.008	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.125	3.730	0.033	0.031	0.162	4.873	0.043	0.041	0.001	0.036	0.000	0.000
			13.491	394.274	3.486	3.334	10.756	319.978	2.806	2.683	7.556	227.560	1.987	1.900	1.136	34.514	0.302	0.289

Onroad Exhaust Emissions - Haul

			ROG 2025	NOX 2025	PM10 2025	PM2.5 2025	ROG 2026	NOX 2026	PM10 2026	PM2.5 2026	ROG 2027	NOX 2027	PM10 2027	PM2.5 2027	ROG 2028	NOX 2028	PM10 2028	PM2.5 2028
Phase Name	Vehicle Category	Trip Type	2025 ROG lbs	2025 NOX lbs	2025 PM10 lbs	2025 PM2.5 lbs	2026 ROG lbs	2026 NOX lbs	2026 PM10 lbs	2026 PM2.5 lbs	2027 ROG lbs	2027 NOX lbs	2027 PM10 lbs	2027 PM2.5 lbs	2028 ROG lbs	2028 NOX lbs	2028 PM10 lbs	2028 PM2.5 lbs
Site Preparation	Haul	Hauling Trip	0.300	12.327	0.123	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Haul	Hauling Trip	2.958	121.445	1.207	1.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Haul	Hauling Trip	34.654	1422.842	14.146	13.532	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Haul	Hauling Trip	0.001	0.055	0.001	0.001	0.026	1.035	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.054	2.169	0.022	0.021	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
			37.914	1556.669	15.476	14.804	0.080	3.205	0.032	0.031	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000

Totals																		
	Site Preparation		0.71	12.54	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		3.16	121.55	1.21	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		34.98	1423.02	14.15	13.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.01	0.06	0.00	0.00	0.17	1.11	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	0.21	2.25	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		10.23	286.25	2.53	2.42	4.53	129.03	1.13	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		4.14	106.98	0.95	0.91	7.11	186.79	1.64	1.57	6.72	178.59	1.56	1.50	1.29	34.56	0.30	0.29
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	44.58	0.39	0.37	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		0.09	1.56	0.01	0.01	0.06	0.97	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	0.19	3.76	0.03	0.03	0.25	4.92	0.04	0.04	0.00	0.04	0.00	0.00
			53.325	1951.960	18.982	18.156	12.266	323.922	2.853	2.728	8.592	228.089	1.997	1.910	1.293	34.591	0.303	0.290

Fugitive Dust Emission - Worker

			PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW lbs	2025 PM10 RD lbs	2025 PM2.5 BWTW lbs	2025 PM2.5 RD lbs	2026 PM10 BWTW lbs	2026 PM10 RD lbs	2026 PM2.5 BWTW lbs	2026 PM2.5 RD lbs	2027 PM10 BWTW lbs	2027 PM10 RD lbs	2027 PM2.5 BWTW lbs	2027 PM2.5 RD lbs	2028 PM10 BWTW lbs	2028 PM10 RD lbs	2028 PM2.5 BWTW lbs	2028 PM2.5 RD lbs
Site Preparation	Worker	Worker Trip	0.041	0.348	0.012	0.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Vendor	Worker Trip	0.112	0.174	0.036	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Worker	Worker Trip	0.033	0.278	0.010	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Worker	Worker Trip	0.001	0.007	0.000	0.001	0.016	0.132	0.005	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.017	0.139	0.005	0.021	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Worker	Worker Trip	0.045	0.378	0.014	0.057	0.021	0.178	0.006	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Worker	Worker Trip	0.050	0.416	0.015	0.062	0.090	0.759	0.027	0.114	0.090	0.759	0.027	0.114	0.018	0.154	0.006	0.023
Paving	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.139	0.005	0.021	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Worker	Worker Trip	0.004	0.034	0.001	0.005	0.003	0.022	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Worker	Worker Trip	0.000	0.000	0.000	0.000	0.007	0.059	0.002	0.009	0.010	0.080	0.003	0.012	0.000	0.001	0.000	0.000
			0.286	1.634	0.088	0.245	0.154	1.288	0.046	0.193	0.117	0.978	0.035	0.147	0.018	0.155	0.006	0.023

Fugitive Dust Emission - Vendor

			PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW lbs	2025 PM10 RD lbs	2025 PM2.5 BWTW lbs	2025 PM2.5 RD lbs	2026 PM10 BWTW lbs	2026 PM10 RD lbs	2026 PM2.5 BWTW lbs	2026 PM2.5 RD lbs	2027 PM10 BWTW lbs	2027 PM10 RD lbs	2027 PM2.5 BWTW lbs	2027 PM2.5 RD lbs	2028 PM10 BWTW lbs	2028 PM10 RD lbs	2028 PM2.5 BWTW lbs	2028 PM2.5 RD lbs
Site Preparation	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Vendor	Vendor Trip	11.908	18.496	3.845	2.774	5.613	8.714	1.812	1.307	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Vendor	Vendor Trip	4.443	6.901	1.434	1.035	8.113	12.596	2.619	1.889	8.116	12.596	2.620	1.889	1.647	2.558	0.532	0.384
Paving	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.027	3.146	0.654	0.472	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Vendor	Vendor Trip	0.064	0.100	0.021	0.015	0.042	0.065	0.014	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Vendor	Vendor Trip	0.000	0.000	0.000	0.000	0.162	0.252	0.052	0.038	0.222	0.344	0.072	0.052	0.002	0.003	0.001	0.000
			16.415	25.497	5.300	3.825	13.929	21.628	4.497	3.244	10.365	16.087	3.347	2.413	1.648	2.560	0.532	0.384

Fugitive Dust Emission - Haul

			PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5	PM10	PM10	PM2.5	PM2.5
Phase Name	Vehicle Category	Trip Type	2025 PM10 BWTW lbs	2025 PM10 RD lbs	2025 PM2.5 BWTW lbs	2025 PM2.5 RD lbs	2026 PM10 BWTW lbs	2026 PM10 RD lbs	2026 PM2.5 BWTW lbs	2026 PM2.5 RD lbs	2027 PM10 BWTW lbs	2027 PM10 RD lbs	2027 PM2.5 BWTW lbs	2027 PM2.5 RD lbs	2028 PM10 BWTW lbs	2028 PM10 RD lbs	2028 PM2.5 BWTW lbs	2028 PM2.5 RD lbs
Site Preparation	Haul	Hauling Trip	0.564	0.654	0.180	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Haul	Hauling Trip	5.560	6.443	1.778	0.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Haul	Hauling Trip	65.139	75.483	20.832	11.322	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Haul	Hauling Trip	0.003	0.003	0.001	0.000	0.049	0.057	0.016	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.102	0.118	0.033	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking S	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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Architectural Coating Hospital	Haul	Hauling Trip	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
			71.265	82.582	22.791	12.387	0.151	0.175	0.048	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Totals	Site Preparation		0.61	1.00	0.19	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (parking structure)		5.67	6.62	1.81	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grading (hospital)		65.17	75.76	20.84	11.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 1 Parking Structure		0.00	0.01	0.00	0.00	0.06	0.19	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Trenching Phase 2 Hospital		0.00	0.00	0.00	0.00	0.12	0.26	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Parking Structure		11.95	18.87	3.86	2.83	5.63	8.89	1.82	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Building Construction Hospital		4.49	7.32	1.45	1.10	8.20	13.35	2.65	2.00	8.21	13.35	2.65	2.00	1.66	2.71	0.54	0.41
	Paving		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.04	3.29	0.66	0.49	0.00	0.00	0.00	0.00
	Architectural Coating Parking Structure		0.07	0.13	0.02	0.02	0.04	0.09	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coating Hospital		0.00	0.00	0.00	0.00	0.17	0.31	0.05	0.05	0.23	0.42	0.07	0.06	0.00	0.00	0.00	0.00
			87.967	109.714	28.179	16.457	14.234	23.091	4.592	3.464	10.482	17.065	3.382	2.560	1.667	2.715	0.538	0.407

lookup for	*lookup for HRA*
Site Prep	*Diesel*
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New Hospi Gasoline

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New Hospital
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Parking Garage

New Hospital

Kaiser San Jose
Mitigated Construction On-site Fugitive Dust Calculations
Demolition + Hospital and Parking Garage Construction

Project Information

Land Uses	Size	Metric	Lot Acreage
Hospital	650000	squart feet	3.01
Parking Garage	419,320	squart feet	1.38
Parking Lot	101.369	squart feet	2.33

Project Design Features

Architectural Coating	1%	exterior of hospital painted
Demolition Hosp.	250,000	sq ft
Demolition Other	550,000	sq ft

Project Mitigation Feature

Water 2x	61%	reduction dust
Water 2x	36%	reduction demo debris
	CalEEMod Default	

Material Movement

Phase Name	Import (CY)	Export (CY)	Total (CY)
Site Preparation	0	6,700	6700.00
Grading (parking structure)	6,353	13,438	19790.68
Grading (hospital)	14,231	105,809	120040.32

Construction Schedule

HIDE ROW
HIDE ROW

							Workdays By Year				Workday Fraction By Year			
							1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2025	1/1/2026	1/1/2027	1/1/2028
							12/31/2025	12/31/2026	12/31/2027	12/31/2028	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days	Num Days	2025	2026	2027	2028	2025	2026	2027	2028
1	Demolition	Demolition	3/15/2028	7/16/2028	5	88	0	0	0	88	0.00	0.00	0.00	1.00
2	Site Preparation	Site Preparation	2/3/2025	3/17/2025	5	31	31	0	0	0	1.00	0.00	0.00	0.00
3	Grading (parking structure)	Grading	3/17/2025	4/18/2025	5	25	25	0	0	0	1.00	0.00	0.00	0.00
4	Grading (hospital)	Grading	3/28/2025	6/13/2025	5	56	56	0	0	0	1.00	0.00	0.00	0.00
5	Trenching Phase 1 Parking Structure	Grading	12/29/2025	3/23/2026	5	61	3	58	0	0	0.05	0.95	0.00	0.00
6	Trenching Phase 2 Hospital	Grading	1/1/2026	1/1/2027	5	262	0	261	1	0	0.00	1.00	0.00	0.00
7	Building Construction Parking	Building Construction	3/17/2025	5/18/2026	5	306	208	98	0	0	0.68	0.32	0.00	0.00
8	Building Construction Hospital	Building Construction	6/16/2025	3/15/2028	5	718	143	261	261	53	0.20	0.36	0.36	0.07
9	Paving	Paving	1/2/2027	7/1/2027	5	129	0	0	129	0	0.00	0.00	1.00	0.00
10	Architectural Coating Parking	Architectural Coating	9/6/2025	3/17/2026	5	137	83	54	0	0	0.61	0.39	0.00	0.00
11	Architectural Coating Hospital	Architectural Coating	4/9/2026	1/4/2028	5	454	0	191	261	2	0.00	0.42	0.57	0.00
		Full Phase	**2/3/2025**	**3/15/2028**	5	813	**238**	**261**	**261**	**53**				
		Full Construction	**2/3/2025**	**7/16/2028**										

Off-Road Equipment Info

Phase Number	Phase Name	Offroad Equipment Type	NAME MATCH Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Horse Power	Load Factor	Total Hours Use	Acre graded/8-hr	Acre Graded
1	Demolition	Cranes	Cranes	Diesel	1	88	8	450	0.29	704	0	0
1	Demolition	Excavators	Excavators	Diesel	2	88	8	530	0.38	1408	0	0
1	Demolition	Off-Highway Trucks	Off-Highway Trucks	Diesel	1	88	8	455	0.38	704	0	0
1	Demolition	Rubber Tired Dozers	Rubber Tired Dozers	Diesel	1	88	8	330	0.4	704	0.5	44
1	Demolition	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	1	88	8	59	0.36	704	0	0
1	Demolition	Skid Steer Loaders	Skid Steer Loaders	Diesel	1	88	8	58	0.37	704	0	0
2	Site Preparation	Air Compressors	Air Compressors	Diesel	2	15	8	37	0.48	240	0	0
2	Site Preparation	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	2	5	8	33	0.73	80	0	0
2	Site Preparation	Crushing/Proc. Equipment (asphalt	Other Construction Equipmen	Diesel	1	10	8	82	0.42	80	0	0
2	Site Preparation	Excavators	Excavators	Diesel	2	15	8	36	0.38	240	0	0
2	Site Preparation	Graders	Graders	Diesel	1	5	8	148	0.41	40	0.5	2.5
2	Site Preparation	Rollers	Rollers	Diesel	2	5	8	36	0.38	80	0	0
2	Site Preparation	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	25	8	96	0.4	400	0	0
2	Site Preparation	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	2	20	8	150	0.36	320	0	0
2	Site Preparation	Scrapers	Scrapers	Diesel	2	10	8	423	0.48	160	1	20
2	Site Preparation	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	25	8	36	0.46	200	0	0
2	Site Preparation	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	20	8	84	0.37	320	0	0
3	Grading (parking structure)	Excavators	Excavators	Diesel	1	18	8	36	0.38	144	0	0
3	Grading (parking structure)	Graders	Graders	Diesel	1	8	8	148	0.41	64	0.5	4
3	Grading (parking structure)	Rollers	Rollers	Diesel	1	8	8	36	0.38	64	0	0
3	Grading (parking structure)	Scrapers	Scrapers	Diesel	2	8	8	423	0.48	128	1	16
3	Grading (parking structure)	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	22	8	36	0.46	176	0	0
3	Grading (parking structure)	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	22	8	84	0.37	352	0	0
4	Grading (hospital)	Air Compressors	Air Compressors	Diesel	1	40	8	37	0.48	320	0	0
4	Grading (hospital)	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	1	5	8	33	0.73	40	0	0
4	Grading (hospital)	Cranes	Cranes	Diesel	1	30	8	367	0.29	240	0	0
4	Grading (hospital)	Excavators	Excavators	Diesel	2	30	10	36	0.38	600	0	0
4	Grading (hospital)	Plate Compactors	Plate Compactors	Diesel	4	20	8	8	0.43	640	0	0
4	Grading (hospital)	Rollers	Rollers	Diesel	2	10	8	36	0.38	160	0	0
4	Grading (hospital)	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	44	8	96	0.4	704	0	0
4	Grading (hospital)	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	1	30	8	150	0.36	240	0	0
4	Grading (hospital)	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	44	8	36	0.46	352	0	0
4	Grading (hospital)	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	40	8	84	0.37	640	0	0
5	Trenching Phase 1 Parking Structure	Air Compressors	Air Compressors	Diesel	2	4	2	37	0.48	16	0	0
5	Trenching Phase 1 Parking Structure	Cement and Mortar Mixers	Cement and Mortar Mixers	Diesel	2	7	3	10	0.56	42	0	0
5	Trenching Phase 1 Parking Structure	Excavators	Excavators	Diesel	2	10	8	36	0.38	160	0	0
5	Trenching Phase 1 Parking Structure	Rollers	Rollers	Diesel	1	4	8	36	0.38	32	0	0
5	Trenching Phase 1 Parking Structure	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	22	8	36	0.46	176	0	0
5	Trenching Phase 1 Parking Structure	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	22	8	84	0.37	352	0	0
6	Trenching Phase 2 Hospital	Air Compressors	Air Compressors	Diesel	1	80	8	37	0.48	640	0	0
6	Trenching Phase 2 Hospital	Cement and Mortar Mixers	Cement and Mortar Mixers	Diesel	2	80	8	10	0.56	1280	0	0
6	Trenching Phase 2 Hospital	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	1	15	8	33	0.73	120	0	0
6	Trenching Phase 2 Hospital	Cranes	Cranes	Diesel	1	40	8	367	0.29	320	0	0
6	Trenching Phase 2 Hospital	Excavators	Excavators	Diesel	2	60	8	36	0.38	960	0	0
6	Trenching Phase 2 Hospital	Plate Compactors	Plate Compactors	Diesel	4	80	8	8	0.43	2560	0	0
6	Trenching Phase 2 Hospital	Rollers	Rollers	Diesel	1	12	8	36	0.38	96	0	0
6	Trenching Phase 2 Hospital	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	60	8	96	0.4	960	0	0
6	Trenching Phase 2 Hospital	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	1	60	8	150	0.36	480	0	0
6	Trenching Phase 2 Hospital	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	90	8	36	0.46	720	0	0
6	Trenching Phase 2 Hospital	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	2	80	8	84	0.37	1280	0	0
7	Building Construction Parking	Aerial Lifts	Aerial Lifts	Diesel	4	198	8	46	0.31	6336	0	0
7	Building Construction Parking	Air Compressors	Air Compressors	Diesel	2	110	8	37	0.48	1760	0	0
7	Building Construction Parking	Cranes	Cranes	Diesel	2	100	8	367	0.29	1600	0	0
7	Building Construction Parking	Excavators	Excavators	Diesel	2	44	8	36	0.38	704	0	0
7	Building Construction Parking	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	2	250	8	96	0.4	4000	0	0
7	Building Construction Parking	Welders	Welders	Diesel	2	88	8	46	0.45	1408	0	0
8	Building Construction Hospital	Aerial Lifts	Aerial Lifts	Diesel	6	390	8	46	0.31	18720	0	0
8	Building Construction Hospital	Air Compressors	Air Compressors	Diesel	2	200	8	37	0.48	3200	0	0
8	Building Construction Hospital	Concrete/Industrial Saws	Concrete/Industrial Saws	Diesel	2	100	5	33	0.73	1000	0	0
8	Building Construction Hospital	Generator Sets	Generator Sets	Diesel	1	30	8	14	0.74	240	0	0
8	Building Construction Hospital	Rough Terrain Forklifts	Rough Terrain Forklifts	Diesel	3.5	649.5	6	96	0.4	13639.5	0	0
8	Building Construction Hospital	Sweepers/Scrubbers	Sweepers/Scrubbers	Diesel	1	704	8	36	0.46	5632	0	0
8	Building Construction Hospital	Welders	Welders	Diesel	8	129.9	8	46	0.45	8313.6	0	0
8	Building Construction Hospital	Cranes 1	Cranes	Diesel	1	75	10	367	0.29	750	0	0
8	Building Construction Hospital	Cranes 2	Cranes	Diesel	1	75	8	367	0.29	600	0	0
8	Building Construction Hospital	Cranes 3	Cranes	Diesel	1	116.91	8	367	0.29	935.28	0	0
9	Paving	Air Compressors	Air Compressors	Diesel	2	44	4	37	0.48	352	0	0
9	Paving	Graders	Graders	Diesel	1	30	8	148	0.41	240	0.5	15
9	Paving	Pavers	Pavers	Diesel	1	5	8	81	0.42	40	0	0
9	Paving	Rollers	Rollers	Diesel	2	15	8	36	0.38	240	0	0
9	Paving	Rubber Tired Loaders	Rubber Tired Loaders	Diesel	2	25	8	150	0.36	400	0	0
9	Paving	Scrapers	Scrapers	Diesel	1	30	8	423	0.48	240	1	30
9	Paving	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	Diesel	1	10	8	84	0.37	80	0	0
9	Paving	Trenchers	Trenchers	Diesel	1	22	8	40	0.5	176	0	0
10	Architectural Coating Parking	Aerial Lifts	Aerial Lifts	Diesel	2	0.375	8	46	0.31	6.0	0	0
10	Architectural Coating Parking	Other Construction Equipment	Air Compressors	Gasoline	2	26.250	8	6	0.56	420.0	0	0
11	Architectural Coating Hospital	Aerial Lifts	Aerial Lifts	Diesel	2	14.625	8	46	0.31	234.0	0	0
11	Architectural Coating Hospital	Other Construction Equipment	Air Compressors	Gasoline	2	3.750	8	6	0.56	60.0	0	0

Demolition Emissions Estimates

Constants		
K_{PM10} =	0.35	
$K_{PM2.5}$ =	0.053	
U =	3.4	m/s
M =	2	%
UC_1 =	2.23694	mph/[m/s]
UC_2 =	0.046	short ton/sqft
EF_{I-TSP} =	0.058	lb/short ton

Emission Factors Demo, mitigated		
EF_{PM10} =	0.00	lb/short ton
$EF_{PM2.5}$ =	0.00	lb/short ton

Emission Factors Debris Loading		
EF_{PM10} =	0.01	lb/short ton
$EF_{PM2.5}$ =	0.00	lb/short ton

Demolition Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Demolition Hosp.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	163.628
Site Preparation	Site Preparation	Demolition Other	0.000	0.000	359.982	54.512	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Str	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking	Architectural Coating	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Grading Emissions Estimates

Constants		
S =	7.1	mph
$F_{PM2.5}$ =	0.031	
F_{PM10} =	0.6	
Wb =	12	ft
UC_1 =	43560	sqft/acre
UC_2 =	5280	ft/mi

Emission Factors, mitigated		
EF_{PM15} =	1.00	lb/VMT
EF_{TSP} =	2.10	lb/VMT
EF_{PM10} =	0.60	lb/VMT
$EF_{PM2.5}$ =	0.06	lb/VMT

Grading Activity

Phase Name	Phase Type	Activity Type	2025 Area Graded Acres	2026 Area Graded Acres	2027 Area Graded Acres	2028 Area Graded Acres	2025 Grading VMT total VMT	2026 Grading VMT total VMT	2027 Grading VMT total VMT	2028 Grading VMT total VMT
Demolition	Demolition	Grading	0.000	0.000	0.000	44.000	0.00	0.00	0.00	30.25
Site Preparation	Site Preparation	Grading	22.500	0.000	0.000	0.000	15.47	0.00	0.00	0.00
Grading (parking structure)	Grading	Grading	20.000	0.000	0.000	0.000	13.75	0.00	0.00	0.00
Grading (hospital)	Grading	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Trenching Phase 1 Parking Stru	Grading	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Trenching Phase 2 Hospital	Grading	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Building Construction Parking	Building Construction	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Building Construction Hospital	Building Construction	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Paving	Paving	Grading	0.000	0.000	45.000	0.000	0.00	0.00	30.94	0.00
Architectural Coating Parking !	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Architectural Coating Hospital	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00

Grading Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.198
Site Preparation	Site Preparation	Grading	0.000	0.000	9.306	1.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Grading	0.000	0.000	8.272	0.893	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.612	2.010	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Grading	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Bulldozing Emissions Estimates

Constants

C_{TSP} =	5.7	
C_{PM15} =	1	
M =	7.9	%
s =	6.9	%
F_{PM10} =	0.75	
$F_{PM2.5}$ =	0.105	

Emission Factors, mitigated

EF_{TSP} =	1.54	lb/hr
EF_{PM15} =	0.39	lb/hr
EF_{PM10} =	0.29	lb/hr
$EF_{PM2.5}$ =	0.16	lb/hr

C_{TSP} =	5.7	
C_{PM15} =	1	
M =	7.9	%
s =	6.9	%
F_{PM10} =	0.75	
$F_{PM2.5}$ =	0.105	

Dozer Activity

Phase Name	Phase Type	Equipment Type	2025 Dozer Activity Hours	2026 Dozer Activity Hours	2027 Dozer Activity Hours	2028 Dozer Activity Hours
Demolition	Demolition	Rubber Tired Dozers	0.0	0.000	0.000	704.000
Site Preparation	Site Preparation	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Paving	Paving	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Rubber Tired Dozers	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Rubber Tired Dozers	0.000	0.000	0.000	0.000

Grading Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	206.678
Site Preparation	Site Preparation	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Bulldozing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Truck Loading Emissions Estimates

Constants

K_{PM10} =	0.35	
$K_{PM2.5}$ =	0.053	
U =	3.4	m/s
M =	12	%
UC_1 =	2.23694	mph/[m/s]
UC_2 =	1.2641662	short ton/cubic yard

Emission Factors, mitigated

EF_{PM10} =	0.00	lb/short ton
$EF_{PM2.5}$ =	0.00	lb/short ton

Truck Loading Activity

Phase Name	Phase Type	Activity Type	2025 Material Movement short ton	2026 Material Movement short ton	2027 Material Movement short ton	2028 Material Movement short ton
Demolition	Demolition	Material Movement	0.000	0.000	0.000	0.000
Site Preparation	Site Preparation	Material Movement	8470	0.000	0.000	0.000
Grading (parking structure)	Grading	Material Movement	25019	0.000	0.000	0.000
Grading (hospital)	Grading	Material Movement	151751	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Material Movement	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Material Movement	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Material Movement	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Material Movement	0.000	0.000	0.000	0.000
Paving	Paving	Material Movement	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000

Truck Loading Emissions

Phase Name	Phase Type	Activity Type	2025 ROG Lbs	2025 NOX Lbs	2025 PM10 Lbs	2025 PM2.5 Lbs	2026 ROG Lbs	2026 NOX Lbs	2026 PM10 Lbs	2026 PM2.5 Lbs	2027 ROG Lbs	2027 NOX Lbs	2027 PM10 Lbs	2027 PM2.5 Lbs	2028 ROG Lbs	2028 NOX Lbs	2028 PM10 Lbs
Demolition	Demolition	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Site Preparation	Site Preparation	Material Movement	0.000	0.000	0.519	0.079	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (parking structure)	Grading	Material Movement	0.000	0.000	1.534	0.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grading (hospital)	Grading	Material Movement	0.000	0.000	9.307	1.409	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 1 Parking Stru	Grading	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Trenching Phase 2 Hospital	Grading	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Parking	Building Construction	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Building Construction Hospital	Building Construction	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Paving	Paving	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Parking !	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating Hospital	Architectural Coating	Material Movement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

4.4.1 Grading Equipment Passes

Fugitive dust emissions from grading equipment passes are estimated using the methodology described in Section 11.9 of USEPA's AP-42 (USEPA 1998b). Section 11.9 provides guidance to estimate the emission factor of PM10 by applying a scaling factor to PM15. Similarly, the emission factor of PM2.5 is scaled from that of total suspended particulates (TSP). The following presents the equations used to calculate the emission factors for PM15 and TSP and the scaling factors for PM10 and PM2.5.

$$EF_{PM15} = 0.051 \times (S)^{2.0}, \text{ and } EF_{PM10} = EF_{PM15} \times F_{PM10}$$

$$EF_{TSP} = 0.04 \times (S)^{2.5}, \text{ and } EF_{PM2.5} = EF_{TSP} \times F_{PM2.5}$$

Where:

EF = emission factor (lb/VMT).

S = mean vehicle speed (mph). The AP-42 default value is 7.1 mph.

$F_{PM2.5}$ = PM2.5 scaling factor. The AP-42 default value is 0.031.

F_{PM10} = PM10 scaling factor. The AP-42 default value is 0.6.

Grading dust emissions are calculated by multiplying the emission factors with the total VMT for the grading equipment (i.e., grader). VMT is estimated based on the dimensions of the grading area and the blade width of the grading equipment.

$$E_p = EF_p \times VMT, \text{ and}$$

$$VMT = As/Wb \times UC_1 \div UC_2$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/VMT).

VMT = vehicle miles traveled (mile).

As = the acreage of the grading site (acre/day).

Wb = Blade width of the grading equipment. The program uses a default blade width of 12 feet based on Caterpillar's 140 Motor Grader (Caterpillar 2021).

UC_1 = unit conversion from acre to square feet (43,560 sqft/acre).

UC_2 = unit conversion from feet to miles (5,280 feet/mile).

lookup for HRA	
2028	
PM2.5	
lbs	
24.778	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

p = pollutant (PM10 or PM2.5).

2028 PM2.5 Lbs	
1.965	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

S = mean vehicle speed (mph). The AP-42 default value is 7.1 mph.

$F_{PM2.5}$ = PM2.5 scaling factor. The AP-42 default value is 0.031.

F_{PM10} = PM10 scaling factor. The AP-42 default value is 0.6.

Grading dust emissions are calculated by multiplying the emission factors with the total VMT for the grading equipment (i.e., grader). VMT is estimated based on the dimensions of the grading area and the blade width of the grading equipment.

$$E_p = EF_p \times VMT, \text{ and}$$

$$VMT = As/Wb \times UC_1 \div UC_2$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/VMT).

VMT = vehicle miles traveled (mile).

As = the acreage of the grading site (acre/day).

Wb = Blade width of the grading equipment. The program uses a default blade width of 12 feet based on Caterpillar's 140 Motor Grader (Caterpillar 2021).

UC_1 = unit conversion from acre to square feet (43,560 sqft/acre).

UC_2 = unit conversion from feet to miles (5,280 feet/mile).

p = pollutant (PM10 or PM2.5).

2028 PM2.5 Lbs	
113.607	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

$$EF_p = k \times (0.0032) \times \frac{\left(\frac{U}{5}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}}$$

Where:

EF = emission factor (lb/short ton).

K = particle size multiplier. The AP-42 default value for PM10 is 0.35 and that for PM2.5 is 0.053.

U = mean wind speed. The program selects wind speed based on the value listed on the **Project Detail** screen. It has been converted internally to miles per hour.

M = material moisture content (percent). The moisture contents of different materials are listed in AP-42 (USEPA 2006a:Table 13.2.4-1). The program uses the moisture content of cover (12%) as default.

p = pollutant (PM10 or PM2.5).

Fugitive dust emissions are calculated by multiplying the emission factor with the throughput of loaded and unloaded material that is entered by the user (i.e., material imported and exported).

$$E_p = EF_p \times TP$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/short ton).

TP = throughput of loaded and unloaded materials (short ton/day). Refer to Appendix D, *Technical Source Documentation for Emissions Calculations*, for suggested material movement quantities by project land use type and size.

p = pollutant (PM10 or PM2.5).

2028 PM2.5 Lbs	
0.000	*Hospital Demolition*
0.000	*Site Prep*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Parking Garage*
0.000	*New Hospital*
0.000	*Paving*
0.000	*Parking Garage*
0.000	*New Hospital*

Emission Calculations for the Construction Trailer Area

Bright Horizons Construction Trailer Area - Construction Data Received

Construction Schedule

	Start	End	Workdays
Overall construction schedule	10/1/2024	12/31/2024	66
Site Prep/Trenching	10/1/2024	10/21/2024	15
Trailer Installation	10/22/2024	12/17/2024	41

Equipment needed for Site Prep/Trenching at Bright Horizons Construction Trailer Area

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used
Air Compressors	1	5	8
Concrete/Industrial Saws	2	3	8
Graders	1	5	8
Off-Highway Trucks	1	5	8
Paving Equipment	1	3	8
Plate Compactors	2	15	8
Rollers	1	4	8
Rough Terrain Forklifts	2	15	8
Rubber Tired Loaders	2	10	8
Sweepers/Scrubbers	1	45	8
Tractors/Loaders/Backhoes	2	15	8

Equipment needed for Trailer Installation at Bright Horizons Construction Trailer Area

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used
Air Compressors	1	30	8
Cranes	1	3	8
Generator Sets	2	40	8
Other Construction Equipment	2	30	8
Rough Terrain Forklifts	1	15	8
Sweepers/Scrubbers	1	30	8

Construction Worker and Truck Trips

Construction phase	Average # of workers/day	# vendor truck trips/day	# haul trips (trips per day)
Site Prep/Trenching	10	10	5
Trailer Installation	10	10	5

Exhaust Emissions From Construction Equipment & Vehicles

Site Prep/Trenching

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	hrs in 2024
Air Compressors	1	5	8	40
Concrete/Industrial Saws	2	3	8	48
Graders	1	5	8	40
Off-Highway Trucks	1	5	8	40
Paving Equipment	1	3	8	24
Plate Compactors	2	15	8	240
Rollers	1	4	8	32
Rough Terrain Forklifts	2	15	8	240
Rubber Tired Loaders	2	10	8	160
Sweepers/Scrubbers	1	45	8	360
Tractors/Loaders/Backhoes	2	15	8	240

Trailer Installation

Equipment Type	Number of Equipment	Number of Days Used	Hours/Day Used	hrs in 2024
Air Compressors	1	30	8	240
Cranes	1	3	8	24
Generator Sets	2	40	8	640
Other Construction Equipment	2	30	8	480
Rough Terrain Forklifts	1	15	8	120
Sweepers/Scrubbers	1	30	8	240

GHG	CO_2	CH_4
GWP	1	25

Construction Equipment Offroad Emissions - Unmitigated

1 ton = 907185 g 1 MT = 1000000 g

Equipment Type	Fuel	Hp	Load Factor	Year	hrs	OFFROAD Emission Factors (g/hp-hr)							CAP Emissions (tons per year)				GHG Emissions (MT per year)			
						ROG	NOx	Ex PM_{10}	Ex $PM_{2.5}$	CO_2	CH_4	N_2O	ROG	NOx	Ex PM_{10}	Ex $PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Air Compressors	Diesel	37	0.48	2024	280	0.581	3.865	0.136	0.125	568.361	0.023	0.005	0.003	0.021	0.001	0.001	2.8	0.0001	0.0000	2.8
Cranes	Diesel	367	0.29	2024	24	0.21	2.131	0.086	0.079	527.532	0.021	0.004	0.001	0.006	0.000	0.000	1.3	0.0001	0.0000	1.4
Concrete/Industrial Saws	Diesel	33	0.73	2024	48	0.47	3.744	0.117	0.108	574.905	0.023	0.005	0.001	0.005	0.000	0.000	0.7	0.0000	0.0000	0.7
Generator Sets	Diesel	14	0.74	2024	640	0.546	4.373	0.18	0.166	568.315	0.023	0.005	0.004	0.032	0.001	0.001	3.8	0.0002	0.0000	3.8
Graders	Diesel	148	0.41	2024	40	0.361	3.176	0.175	0.161	530.17	0.022	0.004	0.001	0.008	0.000	0.000	1.3	0.0001	0.0000	1.3
Off-Highway Trucks	Diesel	376	0.38	2024	40	0.183	1.236	0.044	0.041	527.763	0.021	0.004	0.001	0.008	0.000	0.000	3.0	0.0001	0.0000	3.0
Other Construction Equipment	Diesel	82	0.42	2024	480	0.343	3.241	0.209	0.192	528.454	0.021	0.004	0.006	0.059	0.004	0.003	8.7	0.0003	0.0001	8.8
Paving Equipment	Diesel	89	0.36	2024	24	0.226	2.41	0.109	0.1	528.115	0.021	0.004	0.000	0.002	0.000	0.000	0.4	0.0000	0.0000	0.4
Plate Compactors	Diesel	8	0.43	2024	240	0.547	4.143	0.162	0.149	568.353	0.023	0.005	0.000	0.004	0.000	0.000	0.5	0.0000	0.0000	0.5
Rollers	Diesel	36	0.38	2024	32	0.618	3.814	0.192	0.177	586.798	0.024	0.005	0.000	0.002	0.000	0.000	0.3	0.0000	0.0000	0.3
Rough Terrain Forklifts	Diesel	96	0.4	2024	360	0.125	1.794	0.043	0.04	528.511	0.021	0.004	0.002	0.027	0.001	0.001	7.3	0.0003	0.0001	7.3
Rubber Tired Loaders	Diesel	150	0.36	2024	160	0.248	1.902	0.102	0.094	526.332	0.021	0.004	0.002	0.018	0.001	0.001	4.5	0.0002	0.0000	4.6
Sweepers/Scrubbers	Diesel	36	0.46	2024	600	0.745	4.075	0.238	0.219	587.008	0.024	0.005	0.008	0.045	0.003	0.002	5.8	0.0002	0.0000	5.9
Tractors/Loaders/Backhoes	Diesel	84	0.37	2024	240	0.215	2.192	0.097	0.089	529.933	0.021	0.004	0.002	0.018	0.001	0.001	4.0	0.0002	0.0000	4.0

Construction Equipment Offroad Emissions - Mitigated

1 ton = 907185 g 1 MT = 1000000 g

Equipment Type	Fuel	Hp	Load Factor	Year	hrs	Tier 4F OFFROAD Emission Factors (g/hp-hr)							CAP Emissions (tons per year)				GHG Emissions (MT per year)			
						ROG	NOx	Ex PM_{10}	Ex $PM_{2.5}$	CO_2	CH_4	N_2O	ROG	NOx	Ex PM_{10}	Ex $PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Air Compressors	Diesel	37	0.48	2024	280	0.09	2.75	0.01	0.01	568.361	0.023	0.005	0.000	0.015	0.000	0.000	2.8	0.0001	0.0000	2.8
Plate Compactors	Diesel	8	0.43	2024	240	0.09	2.75	0.01	0.01	568.353	0.023	0.005	0.000	0.003	0.000	0.000	0.5	0.0000	0.0000	0.5
Concrete/Industrial Saws	Diesel	33	0.73	2024	48	0.09	2.75	0.01	0.01	574.905	0.023	0.005	0.000	0.004	0.000	0.000	0.7	0.0000	0.0000	0.7
Rollers	Diesel	36	0.38	2024	32	0.09	2.75	0.01	0.01	586.798	0.024	0.005	0.000	0.001	0.000	0.000	0.3	0.0000	0.0000	0.3
Graders	Diesel	148	0.41	2024	40	0.05	0.26	0.01	0.01	530.17	0.022	0.004	0.000	0.001	0.000	0.000	1.3	0.0001	0.0000	1.3
Off-Highway Trucks	Diesel	376	0.38	2024	40	0.05	0.26	0.01	0.01	527.763	0.021	0.004	0.000	0.002	0.000	0.000	3.0	0.0001	0.0000	3.0
Rough Terrain Forklifts	Diesel	96	0.4	2024	360	0.05	0.26	0.01	0.01	528.511	0.021	0.004	0.001	0.004	0.000	0.000	7.3	0.0003	0.0001	7.3
Paving Equipment	Diesel	89	0.36	2024	24	0.05	0.26	0.01	0.01	528.115	0.021	0.004	0.000	0.000	0.000	0.000	0.4	0.0000	0.0000	0.4
Plate Compactors	Diesel	8	0.43	2024	240	0.09	2.75	0.01	0.01	568.353	0.023	0.005	0.000	0.003	0.000	0.000	0.5	0.0000	0.0000	0.5
Rollers	Diesel	36	0.38	2024	32	0.09	2.75	0.01	0.01	586.798	0.024	0.005	0.000	0.001	0.000	0.000	0.3	0.0000	0.0000	0.3
Rough Terrain Forklifts	Diesel	96	0.4	2024	360	0.05	0.26	0.01	0.01	528.511	0.021	0.004	0.001	0.004	0.000	0.000	7.3	0.0003	0.0001	7.3
Rubber Tired Loaders	Diesel	150	0.36	2024	160	0.05	0.26	0.01	0.01	526.332	0.021	0.004	0.000	0.002	0.000	0.000	4.5	0.0002	0.0000	4.6
Sweepers/Scrubbers	Diesel	36	0.46	2024	600	0.09	2.75	0.01	0.01	587.008	0.024	0.005	0.001	0.030	0.000	0.000	5.8	0.0002	0.0000	5.9
Tractors/Loaders/Backhoes	Diesel	84	0.37	2024	240	0.05	0.26	0.01	0.01	529.933	0.021	0.004	0.000	0.002	0.000	0.000	4.0	0.0002	0.0000	4.0

Construction Vehicles Onroad Emissions

1 ton = 907185 g 1 MT = 1000000 g

Trip Type	One-way trips per day	Days per year	Miles per trip	EMFAC2021 Emission Factors (g/mile)								CAP Emissions (tons per year)					GHG Emissions (MT per year)			
				ROG	NOx	Ex PM_{10}	Ex $PM_{2.5}$	Tot $PM_{2.5}$	CO_2	CH_4	N_2O	ROG	NOx	Ex PM_{10}	Ex $PM_{2.5}$	Tot $PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Worker trips	20	66	11.7	0.158	0.106	0.002	0.002	0.038	297.666	0.014	0.010	0.003	0.002	0.000	0.000	0.001	4.6	0.0002	0.0002	4.6
Vendor truck trips	20	66	8.4	0.074	2.249	0.019	0.020	0.127	1502.227	0.084	0.221	0.001	0.027	0.000	0.000	0.002	16.7	0.0009	0.0024	17.4
Haul truck trips	10	66	20	0.060	2.702	0.025	0.026	0.162	1721.246	0.151	0.275	0.001	0.039	0.000	0.000	0.002	22.7	0.0020	0.0036	23.9

Total Emissions

Unmitigated	**ROG**	**NOx**	**Ex PM_{10}**	**Ex $PM_{2.5}$**
CAP Emissions (tons in 2024)	0.04	0.32	0.01	0.01
No. of Workdays	66			
CAP Emissions (pounds per day)	1.1	9.8	0.4	0.4

1 ton = 2000 pounds

Mitigated	**ROG**	**NOx**	**Ex PM_{10}**	**Ex $PM_{2.5}$**
CAP Emissions (tons in 2024)	0.01	0.14	0.00	0.00

1 ton = 2000 pounds

No. of Workdays	66			
CAP Emissions (pounds per day)	0.3	4.2	0.0	0.0

Total $PM_{2.5}$ - diesel trucks	0.004	tons per year
Ex PM_{10} - diesel trucks	0.001	tons per year
Construction equipment PM_{10} - unmitigated	0.012	tons
Construction equipment $PM_{2.5}$ - unmitigated	0.011	tons
Construction equipment PM_{10} - mitigated	0.001	tons
Construction equipment $PM_{2.5}$ - mitigated	0.001	tons
Construction equipment - Diesel	44.4	$MTCO_2e$
Construction Vehicles - Diesel	39.4	$MTCO_2e$
Construction Vehicles - Gasoline	4.6	$MTCO_2e$

Construction On-site Fugitive Dust Calculations

Additional Staging Area

Off-Road Equipment Info

Phase Name	Offroad Equipment Type	Fuel Type	Amount	Days Used	Hours/Day Usage	Total Hours Use	Acre graded/8-hr	Acre Graded
Staging Area Site Prep/Trenching	Air Compressors	Diesel	1	5	8	40	0	0
Staging Area Site Prep/Trenching	Concrete/Industrial Saws	Diesel	2	3	8	48	0	0
Staging Area Site Prep/Trenching	Graders	Diesel	1	5	8	40	0.5	2.5
Staging Area Site Prep/Trenching	Off-Highway Trucks	Diesel	1	5	8	40	0	0
Staging Area Site Prep/Trenching	Paving Equipment	Diesel	1	3	8	24	0	0
Staging Area Site Prep/Trenching	Plate Compactors	Diesel	2	15	8	240	0	0
Staging Area Site Prep/Trenching	Rollers	Diesel	1	4	8	240	0	0
Staging Area Site Prep/Trenching	Rough Terrain Forklifts	Diesel	2	15	8	80	0	0
Staging Area Site Prep/Trenching	Rubber Tired Loaders	Diesel	2	10	8	80	0	0
Staging Area Site Prep/Trenching	Sweepers/Scrubbers	Diesel	1	45	8	240	0	0
Staging Area Site Prep/Trenching	Tractors/Loaders/Backhoes	Diesel	2	15	8	40	0	0
Staging Area Trailer Construction	Air Compressors	Diesel	1	30	8	80	0	0
Staging Area Trailer Construction	Cranes	Diesel	1	3	8	400	0	0
Staging Area Trailer Construction	Generator Sets	Diesel	2	40	8	320	0	0
Staging Area Trailer Construction	Other Construction Equipment	Diesel	2	30	8	160	0	0
Staging Area Trailer Construction	Rough Terrain Forklifts	Diesel	1	15	8	200	0	0
Staging Area Trailer Construction	Sweepers/Scrubbers	Diesel	1	30	8	320	0	0

Grading Emissions Estimates - Unmitigated

Constants		
S =	7.1	mph
$F_{PM2.5}$ =	0.031	
F_{PM10} =	0.6	
Wb =	12	ft
UC_1 =	43560	sqft/acre
UC_2 =	5280	ft/mi

Emission Factors		
EF_{PM15} =	2.57	lb/VMT
EF_{TSP} =	5.37	lb/VMT
EF_{PM10} =	1.54	lb/VMT
$EF_{PM2.5}$ =	0.17	lb/VMT

Grading Activity

Phase Name	Activity Type	2024 **Area Graded** Acres	2024 **Grading VMT** total VMT
Staging Area Site Prep/Trenching	Grading	2.500	1.72

Grading Emissions

Phase Name	Activity Type	2024 **PM10** Lbs	2024 **PM2.5** Lbs
Staging Area Site Prep/Trenching	Grading	2.651	0.286

0.001325625 0.000143136 tons

Project Mitigation Feature

Water 2x	61%	reduction dust
Water 2x	36%	reduction demo debris

CalEEMod Default

S = mean vehicle speed (mph). The AP-42 default value is 7.1 mph.

$F_{PM2.5}$ = PM2.5 scaling factor. The AP-42 default value is 0.031.

F_{PM10} = PM10 scaling factor. The AP-42 default value is 0.6.

Grading dust emissions are calculated by multiplying the emission factors with the total VMT for the grading equipment (i.e., grader). VMT is estimated based on the dimensions of the grading area and the blade width of the grading equipment.

$$E_p = EF_p \times VMT, \text{ and}$$

$$VMT = As/Wb \times UC_1 \div UC_2$$

Where:

E = emissions (lb/day).

EF = emission factor (lb/VMT).

VMT = vehicle miles traveled (mile).

As = the acreage of the grading site (acre/day).

Wb = Blade width of the grading equipment. The program uses a default blade width of 12 feet based on Caterpillar's 140 Motor Grader (Caterpillar 2021).

UC_1 = unit conversion from acre to square feet (43,560 sqft/acre).

UC_2 = unit conversion from feet to miles (5,280 feet/mile).

p = pollutant (PM10 or PM2.5).

Grading Emissions Estimates - Mitigated

Constants		
S =	7.1	mph
$F_{PM2.5}$ =	0.031	
F_{PM10} =	0.6	
Wb =	12	ft
UC_1 =	43560	sqft/acre
UC_2 =	5280	ft/mi

Emission Factors		
EF_{PM15} =	1.00	lb/VMT
EF_{TSP} =	2.10	lb/VMT
EF_{PM10} =	0.60	lb/VMT
$EF_{PM2.5}$ =	0.06	lb/VMT

Grading Activity

Phase Name	Activity Type	2024 **Area Graded** Acres	2024 **Grading VMT** total VMT
Staging Area Site Prep/Trenching	Grading	2.500	1.72

Grading Emissions

Phase Name	Activity Type	2024 **PM10** Lbs	2024 **PM2.5** Lbs
Staging Area Site Prep/Trenching	Grading	1.034	0.112

0.000516994 5.58232E-05 tons

Construction Schedule

Construction Year
2025
2026
2027
2028

Unmitigated Construction

Hospital Demolition

Off-road

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	1.95	13.60	0.70	0.64

On-road

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	0.06	0.85	0.01	0.01

Off-Gassing

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00

Total

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	2.01	14.45	0.71	0.65

New Hospital and Parking Garage

Off-road

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	4.25	18.52	0.56	0.51
2026	3.39	17.34	0.48	0.44
2027	1.47	11.74	0.30	0.27
2028	0.35	3.70	0.08	0.07

On-road

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.22	8.20	0.08	0.08
2026	0.05	1.24	0.01	0.01
2027	0.03	0.87	0.01	0.01
2028	0.01	0.25	0.00	0.00

Off-Gassing

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.30	0.00	0.00	0.00
2026	7.53	0.00	0.00	0.00
2027	10.06	0.00	0.00	0.00
2028	0.14	0.00	0.00	0.00

Mitigated Construction

Hospital Demolition

Off-road

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	71.01	519.83	13.67	13.67

On-road

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	8.60	119.15	1.28	1.22

Off-Gassing

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00

Total

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00
2028	79.62	638.98	14.95	14.89

New Hospital and Parking Garage

Off-road

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	119.00	2015.24	18.91	18.91
2026	125.66	2361.00	19.15	19.15
2027	88.02	1660.72	13.39	13.39
2028	15.26	308.10	2.25	2.25

On-road

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	53.32	1951.96	18.98	18.16
2026	12.27	323.92	2.85	2.73
2027	8.59	228.09	2.00	1.91
2028	1.29	34.59	0.30	0.29

Off-Gassing

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	70.67	0.00	0.00	0.00
2026	1964.26	0.00	0.00	0.00
2027	2624.92	0.00	0.00	0.00
2028	20.09	0.00	0.00	0.00

Total

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	4.77	26.73	0.64	0.59
2026	10.96	18.58	0.49	0.45
2027	11.56	12.61	0.30	0.28
2028	0.50	3.95	0.08	0.07

Total

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	243.00	3967.20	37.89	37.06
2026	2102.19	2684.92	22.00	21.87
2027	2721.53	1888.81	15.38	15.30
2028	36.64	342.69	2.55	2.54

Total Construction

Off-road

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	4.3	18.5	0.6	0.5
2026	3.4	17.3	0.5	0.4
2027	1.5	11.7	0.3	0.3
2028	2.3	17.3	0.8	0.7

Total Construction

Off-road

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	119.00	2015.24	18.91	18.91
2026	125.66	2361.00	19.15	19.15
2027	88.02	1660.72	13.39	13.39
2028	86.27	827.93	15.92	15.92

On-road

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.22	8.20	0.08	0.08
2026	0.05	1.24	0.01	0.01
2027	0.03	0.87	0.01	0.01
2028	0.07	1.10	0.01	0.01

On-road

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	53.32	1951.96	18.98	18.16
2026	12.27	323.92	2.85	2.73
2027	8.59	228.09	2.00	1.91
2028	9.90	153.74	1.58	1.51

Off-Gassing

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	0.30	0.00	0.00	0.00
2026	7.53	0.00	0.00	0.00
2027	10.06	0.00	0.00	0.00
2028	0.14	0.00	0.00	0.00

Off-Gassing

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	70.67	0.00	0.00	0.00
2026	1964.26	0.00	0.00	0.00
2027	2624.92	0.00	0.00	0.00
2028	20.09	0.00	0.00	0.00

Total

	ROG ppd	NOX ppd	PM10 ppd	PM2.5 ppd
2025	4.8	26.7	0.6	0.6
2026	11.0	18.6	0.5	0.4
2027	11.6	12.6	0.3	0.3
2028	2.5	18.4	0.8	0.7
Max	11.56	26.73	0.79	0.72
Threshold	54.00	54.00	82.00	54.00
Exceedance?	No	No	No	No

Total

	ROG total lbs	NOX total lbs	PM10 total lbs	PM2.5 total lbs
2025	243.00	3967.20	37.89	37.06
2026	2102.19	2684.92	22.00	21.87
2027	2721.53	1888.81	15.38	15.30
2028	116.26	981.67	17.50	17.43

KaiserSanJose_Existing Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	KaiserSanJose_Existing
Operational Year	2010
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	12.4
Location	37.239893680501694, -121.80038619093426
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1906
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	250	1000sqft	5.74	250,000	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.52	9.09	5.12	12.6	0.03	0.42	0.00	0.42	0.41	0.00	0.41	1,515	11,499	13,015	153	0.27	0.39	16,920
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.54	6.34	4.95	4.16	0.03	0.38	0.00	0.38	0.38	0.00	0.38	1,515	11,455	12,970	153	0.27	0.39	16,875
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.01	7.70	5.03	8.31	0.03	0.40	0.00	0.40	0.39	0.00	0.39	1,515	11,477	12,992	153	0.27	0.39	16,897
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	1.40	0.92	1.52	0.01	0.07	0.00	0.07	0.07	0.00	0.07	251	1,900	2,151	25.3	0.04	0.06	2,798

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	2.98	8.82	0.16	8.42	< 0.005	0.04	—	0.04	0.03	—	0.03	—	44.7	44.7	< 0.005	< 0.005	—	44.9
Energy	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	11,341	11,341	1.40	0.12	—	11,411
Water	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Waste	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Total	3.52	9.09	5.12	12.6	0.03	0.42	0.00	0.42	0.41	0.00	0.41	1,515	11,499	13,015	153	0.27	0.39	16,920
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	—	6.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	11,341	11,341	1.40	0.12	—	11,411
Water	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Waste	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Total	0.54	6.34	4.95	4.16	0.03	0.38	0.00	0.38	0.38	0.00	0.38	1,515	11,455	12,970	153	0.27	0.39	16,875
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.47	7.42	0.08	4.15	< 0.005	0.02	—	0.02	0.02	—	0.02	—	22.0	22.0	< 0.005	< 0.005	—	22.1
Energy	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	11,341	11,341	1.40	0.12	—	11,411
Water	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Waste	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Total	2.01	7.70	5.03	8.31	0.03	0.40	0.00	0.40	0.39	0.00	0.39	1,515	11,477	12,992	153	0.27	0.39	16,897
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.27	1.35	0.01	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.65	3.65	< 0.005	< 0.005	—	3.66

Energy	0.10	0.05	0.90	0.76	0.01	0.07	—	0.07	0.07	—	0.07	—	1,878	1,878	0.23	0.02	—	1,889
Water	—	—	—	—	—	—	—	—	—	—	—	9.95	18.8	28.7	1.02	0.02	—	61.7
Waste	—	—	—	—	—	—	—	—	—	—	—	241	0.00	241	24.1	0.00	—	843
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Total	0.37	1.40	0.92	1.52	0.01	0.07	0.00	0.07	0.07	0.00	0.07	251	1,900	2,151	25.3	0.04	0.06	2,798

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	5,433	5,433	0.88	0.11	—	5,487
Total	—	—	—	—	—	—	—	—	—	—	—	—	5,433	5,433	0.88	0.11	—	5,487
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	5,433	5,433	0.88	0.11	—	5,487
Total	—	—	—	—	—	—	—	—	—	—	—	—	5,433	5,433	0.88	0.11	—	5,487
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Hospital	—	—	—	—	—	—	—	—	—	—	—	—	900	900	0.15	0.02	—	908
Total	—	—	—	—	—	—	—	—	—	—	—	—	900	900	0.15	0.02	—	908

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	5,908	5,908	0.52	0.01	—	5,924
Total	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	5,908	5,908	0.52	0.01	—	5,924
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	5,908	5,908	0.52	0.01	—	5,924
Total	0.54	0.27	4.95	4.16	0.03	0.38	—	0.38	0.38	—	0.38	—	5,908	5,908	0.52	0.01	—	5,924
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.10	0.05	0.90	0.76	0.01	0.07	—	0.07	0.07	—	0.07	—	978	978	0.09	< 0.005	—	981
Total	0.10	0.05	0.90	0.76	0.01	0.07	—	0.07	0.07	—	0.07	—	978	978	0.09	< 0.005	—	981

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	5.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.98	2.76	0.16	8.42	< 0.005	0.04	—	0.04	0.03	—	0.03	—	44.7	44.7	< 0.005	< 0.005	—	44.9
Total	2.98	8.82	0.16	8.42	< 0.005	0.04	—	0.04	0.03	—	0.03	—	44.7	44.7	< 0.005	< 0.005	—	44.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	6.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.27	0.25	0.01	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.65	3.65	< 0.005	< 0.005	—	3.66
Total	0.27	1.35	0.01	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.65	3.65	< 0.005	< 0.005	—	3.66

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Total	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Total	—	—	—	—	—	—	—	—	—	—	—	60.1	114	174	6.18	0.15	—	373
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	9.95	18.8	28.7	1.02	0.02	—	61.7
Total	—	—	—	—	—	—	—	—	—	—	—	9.95	18.8	28.7	1.02	0.02	—	61.7

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091
Total	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091
Total	—	—	—	—	—	—	—	—	—	—	—	1,455	0.00	1,455	145	0.00	—	5,091
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	241	0.00	241	24.1	0.00	—	843
Total	—	—	—	—	—	—	—	—	—	—	—	241	0.00	241	24.1	0.00	—	843

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	375,000	125,000	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hospital	9,722,381	204	0.0330	0.0040	18,433,684

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hospital	31,370,134	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hospital	2,700	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	14.1	annual days of extreme heat
Extreme Precipitation	6.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	11.3	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score

Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	1	1	3
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	14.5
AQ-DPM	48.5
Drinking Water	46.8
Lead Risk Housing	39.6
Pesticides	0.00
Toxic Releases	21.3
Traffic	73.0
Effect Indicators	—
CleanUp Sites	59.4
Groundwater	39.4
Haz Waste Facilities/Generators	99.5
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	36.9
Cardio-vascular	55.1
Low Birth Weights	28.5
Socioeconomic Factor Indicators	—

Education	21.4
Housing	52.1
Linguistic	52.5
Poverty	15.3
Unemployment	30.9

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	74.20762223
Employed	58.03926601
Median HI	89.86269729
Education	—
Bachelor's or higher	72.69344283
High school enrollment	23.00782754
Preschool enrollment	63.77518286
Transportation	—
Auto Access	53.75336841
Active commuting	53.72770435
Social	—
2-parent households	51.00731426
Voting	34.9544463
Neighborhood	—
Alcohol availability	72.16732965
Park access	81.35506224
Retail density	53.35557552

Supermarket access	13.08866932
Tree canopy	57.19235211
Housing	—
Homeownership	68.17656872
Housing habitability	75.34967278
Low-inc homeowner severe housing cost burden	80.11035545
Low-inc renter severe housing cost burden	50.67368151
Uncrowded housing	49.1979982
Health Outcomes	—
Insured adults	77.62094187
Arthritis	56.7
Asthma ER Admissions	65.9
High Blood Pressure	69.1
Cancer (excluding skin)	40.8
Asthma	58.2
Coronary Heart Disease	69.4
Chronic Obstructive Pulmonary Disease	65.3
Diagnosed Diabetes	70.5
Life Expectancy at Birth	63.1
Cognitively Disabled	62.4
Physically Disabled	67.1
Heart Attack ER Admissions	67.4
Mental Health Not Good	66.0
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	44.1
Physical Health Not Good	69.2

Stroke	75.8
Health Risk Behaviors	—
Binge Drinking	47.1
Current Smoker	70.0
No Leisure Time for Physical Activity	70.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	53.3
Elderly	46.6
English Speaking	70.1
Foreign-born	49.2
Outdoor Workers	62.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	45.7
Traffic Density	53.6
Traffic Access	66.9
Other Indices	—
Hardship	35.5
Other Decision Support	—
2016 Voting	78.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	74.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No

Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	KaiserSanJose
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	12.4
Location	37.2378392043297, -121.80230084839675
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1906
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	685	1000sqft	8.26	685,000	0.00	—	—	—

Unenclosed Parking with Elevator	419	1000sqft	2.59	419,320	0.00	—	—	—
General Light Industry	35.0	1000sqft	0.80	35,000	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.82	25.6	0.42	49.6	< 0.005	0.09	0.00	0.09	0.07	0.00	0.07	4,191	10,872	15,063	421	0.65	10.2	25,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.00	17.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,191	10,668	14,859	421	0.65	10.2	25,588
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.35	21.5	0.21	24.4	< 0.005	0.04	0.00	0.04	0.03	0.00	0.03	4,191	10,769	14,959	421	0.65	10.2	25,689
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.79	3.92	0.04	4.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	694	1,783	2,477	69.7	0.11	1.69	4,253

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	8.82	25.6	0.42	49.6	< 0.005	0.09	—	0.09	0.07	—	0.07	—	204	204	0.01	< 0.005	—	204
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,328	10,328	1.67	0.20	—	10,430
Water	—	—	—	—	—	—	—	—	—	—	—	180	340	521	18.5	0.45	—	1,117
Waste	—	—	—	—	—	—	—	—	—	—	—	4,010	0.00	4,010	401	0.00	—	14,031
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2
Total	8.82	25.6	0.42	49.6	< 0.005	0.09	0.00	0.09	0.07	0.00	0.07	4,191	10,872	15,063	421	0.65	10.2	25,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,328	10,328	1.67	0.20	—	10,430
Water	—	—	—	—	—	—	—	—	—	—	—	180	340	521	18.5	0.45	—	1,117
Waste	—	—	—	—	—	—	—	—	—	—	—	4,010	0.00	4,010	401	0.00	—	14,031
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2
Total	0.00	17.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,191	10,668	14,859	421	0.65	10.2	25,588
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	4.35	21.5	0.21	24.4	< 0.005	0.04	—	0.04	0.03	—	0.03	—	100	100	< 0.005	< 0.005	—	101
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,328	10,328	1.67	0.20	—	10,430
Water	—	—	—	—	—	—	—	—	—	—	—	180	340	521	18.5	0.45	—	1,117
Waste	—	—	—	—	—	—	—	—	—	—	—	4,010	0.00	4,010	401	0.00	—	14,031
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2

Total	4.35	21.5	0.21	24.4	< 0.005	0.04	0.00	0.04	0.03	0.00	0.03	4,191	10,769	14,959	421	0.65	10.2	25,689
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.79	3.92	0.04	4.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,710	1,710	0.28	0.03	—	1,727
Water	—	—	—	—	—	—	—	—	—	—	—	29.8	56.4	86.2	3.07	0.07	—	185
Waste	—	—	—	—	—	—	—	—	—	—	—	664	0.00	664	66.4	0.00	—	2,323
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.69	1.69
Total	0.79	3.92	0.04	4.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	694	1,783	2,477	69.7	0.11	1.69	4,253

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	9,454	9,454	1.53	0.19	—	9,548

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	660	660	0.11	0.01	—	667
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	213	213	0.03	< 0.005	—	216
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,328	10,328	1.67	0.20	—	10,430
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	9,454	9,454	1.53	0.19	—	9,548
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	660	660	0.11	0.01	—	667
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	213	213	0.03	< 0.005	—	216
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,328	10,328	1.67	0.20	—	10,430
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	1,565	1,565	0.25	0.03	—	1,581
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	109	109	0.02	< 0.005	—	110
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	35.3	35.3	0.01	< 0.005	—	35.7
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,710	1,710	0.28	0.03	—	1,727

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	8.82	8.14	0.42	49.6	< 0.005	0.09	—	0.09	0.07	—	0.07	—	204	204	0.01	< 0.005	—	204
Total	8.82	25.6	0.42	49.6	< 0.005	0.09	—	0.09	0.07	—	0.07	—	204	204	0.01	< 0.005	—	204
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	—	2.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.79	0.73	0.04	4.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Total	0.79	3.92	0.04	4.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.6	16.6	< 0.005	< 0.005	—	16.7

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	165	311	476	16.9	0.41	—	1,021
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	15.5	29.3	44.8	1.60	0.04	—	96.1

Total	—	—	—	—	—	—	—	—	—	—	—	180	340	521	18.5	0.45	—	1,117
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	165	311	476	16.9	0.41	—	1,021
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	15.5	29.3	44.8	1.60	0.04	—	96.1
Total	—	—	—	—	—	—	—	—	—	—	—	180	340	521	18.5	0.45	—	1,117
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	27.3	51.5	78.8	2.80	0.07	—	169
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	2.57	4.85	7.42	0.26	0.01	—	15.9
Total	—	—	—	—	—	—	—	—	—	—	—	29.8	56.4	86.2	3.07	0.07	—	185

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	3,987	0.00	3,987	398	0.00	—	13,949
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
Total	—	—	—	—	—	—	—	—	—	—	—	4,010	0.00	4,010	401	0.00	—	14,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	3,987	0.00	3,987	398	0.00	—	13,949
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
Total	—	—	—	—	—	—	—	—	—	—	—	4,010	0.00	4,010	401	0.00	—	14,031
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	660	0.00	660	66.0	0.00	—	2,309
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	3.87	0.00	3.87	0.39	0.00	—	13.5

Total	—	—	—	—	—	—	—	—	—	—	—	664	0.00	664	66.4	0.00	—	2,323

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.07	1.07
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.11	9.11
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.07	1.07
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.11	9.11
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.18	0.18
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.51	1.51
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.69	1.69

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,085,077	360,564	6,769

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hospital	16,916,943	204	0.0330	0.0040	0.00
Unenclosed Parking with Elevator	1,181,644	204	0.0330	0.0040	0.00
General Light Industry	381,855	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hospital	85,954,168	0.00
Unenclosed Parking with Elevator	0.00	0.00
General Light Industry	8,093,750	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hospital	7,398	—
Unenclosed Parking with Elevator	0.00	—
General Light Industry	43.4	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0

Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Light Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	14.1	annual days of extreme heat
Extreme Precipitation	6.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	11.3	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	1	1	3
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	14.5
AQ-DPM	48.5
Drinking Water	46.8
Lead Risk Housing	39.6
Pesticides	0.00
Toxic Releases	21.3
Traffic	73.0
Effect Indicators	—
CleanUp Sites	59.4
Groundwater	39.4

Haz Waste Facilities/Generators	99.5
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	36.9
Cardio-vascular	55.1
Low Birth Weights	28.5
Socioeconomic Factor Indicators	—
Education	21.4
Housing	52.1
Linguistic	52.5
Poverty	15.3
Unemployment	30.9

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	74.20762223
Employed	58.03926601
Median HI	89.86269729
Education	—
Bachelor's or higher	72.69344283
High school enrollment	23.00782754
Preschool enrollment	63.77518286
Transportation	—
Auto Access	53.75336841

Active commuting	53.72770435
Social	—
2-parent households	51.00731426
Voting	34.9544463
Neighborhood	—
Alcohol availability	72.16732965
Park access	81.35506224
Retail density	53.35557552
Supermarket access	13.08866932
Tree canopy	57.19235211
Housing	—
Homeownership	68.17656872
Housing habitability	75.34967278
Low-inc homeowner severe housing cost burden	80.11035545
Low-inc renter severe housing cost burden	50.67368151
Uncrowded housing	49.1979982
Health Outcomes	—
Insured adults	77.62094187
Arthritis	56.7
Asthma ER Admissions	65.9
High Blood Pressure	69.1
Cancer (excluding skin)	40.8
Asthma	58.2
Coronary Heart Disease	69.4
Chronic Obstructive Pulmonary Disease	65.3
Diagnosed Diabetes	70.5
Life Expectancy at Birth	63.1

Cognitively Disabled	62.4
Physically Disabled	67.1
Heart Attack ER Admissions	67.4
Mental Health Not Good	66.0
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	44.1
Physical Health Not Good	69.2
Stroke	75.8
Health Risk Behaviors	—
Binge Drinking	47.1
Current Smoker	70.0
No Leisure Time for Physical Activity	70.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	53.3
Elderly	46.6
English Speaking	70.1
Foreign-born	49.2
Outdoor Workers	62.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	45.7
Traffic Density	53.6
Traffic Access	66.9
Other Indices	—
Hardship	35.5

Other Decision Support	—
2016 Voting	78.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	74.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Acreage measured on google earth. Landscaping set to 0 because existing landscaping = to new landscaping at site
Operations: Architectural Coatings	—
Operations: Energy Use	No Natural Gas use

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: County
Region: Santa Clara
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consur	NOx_RUNEX	NOx_IDLEX	NOx_STRE	NOx_TOTE	PM2.5_RU	PM2.5_IDI	PM2.5_STI	PM2.5_TO	PM2.5_PN	PM2.5_PN	PM2.5_TO	PM10_RUI	PM10_IDL
Santa Clar	2028	HHDT	Aggregate	Aggregate	Gasoline	1.470835	50457.08	50457.08	0	9623.107162	0	0.175804504	0	0.008486	0.18429	0.0001	0	7.93E-06	0.000108	0.000278	0.001803	0.002189	0.000109	0
Santa Clar	2028	HHDT	Aggregate	Aggregate	Diesel	9119.079	3.2E+08	3.2E+08	0	41955993.34	0	581.1733049	178.2070859	135.9758	895.3562	8.782357	0.080993	0	8.86335	3.092905	9.803762	21.76002	9.179456	0.084655
Santa Clar	2028	HHDT	Aggregate	Aggregate	Electricity	270.954	8822041	0	8822041	1086930.266	16268209.3	0	0	0	0	0	0	0	0	0.083159	0.148301	0.23146	0	0
Santa Clar	2028	HHDT	Aggregate	Aggregate	Natural Ga	909.887	17994114	17994114	0	2521034.727	0	16.76659589	3.773866817	0	20.54046	0.03157	0.00825	0	0.039821	0.178516	1.00521	1.223547	0.034335	0.008973
Santa Clar	2028	LDA	Aggregate	Aggregate	Gasoline	600154.7	7.63E+09	7.63E+09	0	966975546.9	0	254.3372074	0	231.6935	486.0307	8.380181	0	1.801039	10.18122	16.81365	22.31064	49.3055	9.114211	0
Santa Clar	2028	LDA	Aggregate	Aggregate	Diesel	1207.848	11971333	11971333	0	1789191.798	0	1.562110131	0	0	1.56211	0.127325	0	0	0.127325	0.026392	0.035922	0.189639	0.133082	0
Santa Clar	2028	LDA	Aggregate	Aggregate	Electricity	69984.64	9.95E+08	0	9.95E+08	116686505.3	384244567.9	0	0	0	0	0	0	0	0	2.194127	1.685133	3.87926	0	0
Santa Clar	2028	LDA	Aggregate	Aggregate	Plug-in Hy	22751.93	3.25E+08	1.49E+08	1.75E+08	32645487.51	52963807.97	1.081293083	0	4.156693	5.237986	0.167311	0	0.061698	0.229009	0.716168	0.498651	1.443828	0.181966	0
Santa Clar	2028	LDT1	Aggregate	Aggregate	Gasoline	49081.01	5.43E+08	5.43E+08	0	75826141.74	0	50.42090301	0	25.56235	75.98325	0.813632	0	0.181488	0.995119	1.196113	1.937485	4.128717	0.884899	0
Santa Clar	2028	LDT1	Aggregate	Aggregate	Diesel	3.376419	17895.85	17895.85	0	3338.126034	0	0.021763504	0	0	0.021764	0.003264	0	0	0.003264	3.95E-05	7.11E-05	0.003374	0.003411	0
Santa Clar	2028	LDT1	Aggregate	Aggregate	Electricity	344.7167	4972096	0	4972096	575260.2017	1919639.306	0	0	0	0	0	0	0	0	0.010962	0.008406	0.019368	0	0
Santa Clar	2028	LDT1	Aggregate	Aggregate	Plug-in Hy	210.9723	3206283	1340198	1866085	302712.6106	563613.2255	0.009694026	0	0.038544	0.048238	0.000975	0	0.000374	0.001349	0.007069	0.004953	0.013371	0.00106	0
Santa Clar	2028	LDT2	Aggregate	Aggregate	Gasoline	306289.6	3.75E+09	3.75E+09	0	495595922.1	0	201.1964597	0	148.7387	349.9351	4.286733	0	0.94072	5.227453	8.265415	12.97871	26.47158	4.662213	0
Santa Clar	2028	LDT2	Aggregate	Aggregate	Diesel	1124.634	13936704	13936704	0	1837777.893	0	0.492942185	0	0	0.492942	0.063547	0	0	0.063547	0.030725	0.048227	0.1425	0.06642	0
Santa Clar	2028	LDT2	Aggregate	Aggregate	Electricity	3966.166	44619529	0	44619529	6900622.844	17226820.9	0	0	0	0	0	0	0	0	0.098369	0.075226	0.173595	0	0
Santa Clar	2028	LDT2	Aggregate	Aggregate	Plug-in Hy	3889.8	55706504	24289175	31417329	5581259.659	9488969.783	0.175690312	0	0.710652	0.886342	0.02147	0	0.008349	0.029819	0.122812	0.085851	0.238482	0.023351	0
Santa Clar	2028	LHDT1	Aggregate	Aggregate	Gasoline	19758.18	2.41E+08	2.41E+08	0	96258136.19	0	28.13346018	0.229417922	58.45107	86.81394	0.367125	0	0.023911	0.391036	0.531286	7.252053	8.174375	0.399282	0
Santa Clar	2028	LHDT1	Aggregate	Aggregate	Diesel	11024.69	1.39E+08	1.39E+08	0	45347293.06	0	148.9599222	6.257204641	0	155.2171	4.059413	0.1051	0	4.164512	0.460985	4.194962	8.820459	4.242961	0.109852
Santa Clar	2028	LHDT1	Aggregate	Aggregate	Electricity	1021.234	19936551	0	19936551	4676048.18	13058563.58	0	0	0	0	0	0	0	0	0.043953	0.299976	0.343929	0	0
Santa Clar	2028	LHDT2	Aggregate	Aggregate	Gasoline	2498.391	29351788	29351788	0	12171691.62	0	3.165338776	0.028248191	7.295075	10.48866	0.04018	0	0.002308	0.042488	0.06471	1.030501	1.137698	0.0437	0
Santa Clar	2028	LHDT2	Aggregate	Aggregate	Diesel	5257.65	64944412	64944412	0	21626021.43	0	61.9273763	2.984680864	0	64.91206	1.893781	0.051168	0	1.944949	0.214767	2.280108	4.439825	1.97941	0.053482
Santa Clar	2028	LHDT2	Aggregate	Aggregate	Electricity	258.9077	4826870	0	4826870	1122973.864	3113598.946	0	0	0	0	0	0	0	0	0.010641	0.084732	0.095374	0	0
Santa Clar	2028	MCY	Aggregate	Aggregate	Gasoline	29377.66	58460479	58460479	0	20388094.6	0	33.8767017	0	2.52746	36.40416	0.118855	0	0.072675	0.19153	0.064442	0.270655	0.526627	0.127274	0
Santa Clar	2028	MDV	Aggregate	Aggregate	Gasoline	168553.5	2.01E+09	2.01E+09	0	271174058.1	0	136.0488601	0	94.42243	230.4713	2.247815	0	0.512949	2.760764	4.439947	7.067358	14.26807	2.444704	0
Santa Clar	2028	MDV	Aggregate	Aggregate	Diesel	2426.785	28406416	28406416	0	3898126.531	0	1.02123736	0	0	1.021237	0.114221	0	0	0.114221	0.062625	0.102132	0.278978	0.119385	0
Santa Clar	2028	MDV	Aggregate	Aggregate	Electricity	4086.684	45949103	0	45949103	7109872.781	17740146.09	0	0	0	0	0	0	0	0	0.1013	0.077494	0.178795	0	0
Santa Clar	2028	MDV	Aggregate	Aggregate	Plug-in Hy	2378.288	33025147	14451587	18573560	3412474.634	5609768.81	0.104532321	0	0.434504	0.539037	0.013868	0	0.005522	0.01939	0.072808	0.050906	0.143104	0.015083	0
Santa Clar	2028	MH	Aggregate	Aggregate	Gasoline	2135.932	6687930	6687930	0	69872.91437	0	1.957237265	0	0.034148	1.991385	0.010682	0	2.69E-05	0.010709	0.022117	0.116157	0.148983	0.011618	0
Santa Clar	2028	MH	Aggregate	Aggregate	Diesel	1038.172	3240187	3240187	0	33948.23004	0	12.89097679	0	0	12.89098	0.252892	0	0	0.252892	0.014287	0.055986	0.323165	0.264327	0
Santa Clar	2028	MHDT	Aggregate	Aggregate	Gasoline	1401.234	23605884	23605884	0	9167735.767	0	6.310508824	0.039690743	3.785453	10.13565	0.034772	0	0.004851	0.039623	0.078063	0.40999	0.527676	0.037817	0
Santa Clar	2028	MHDT	Aggregate	Aggregate	Diesel	10803.08	1.34E+08	1.34E+08	0	40283644.53	0	127.4885191	39.98892613	71.4047	238.8821	1.221782	0.051721	0	1.273503	0.444411	2.361452	4.079367	1.277026	0.05406
Santa Clar	2028	MHDT	Aggregate	Aggregate	Electricity	455.7542	7445656	0	7445656	1854846.593	8133259.457	0	0	0	0	0	0	0	0	0.024622	0.065244	0.089866	0	0
Santa Clar	2028	MHDT	Aggregate	Aggregate	Natural Ga	123.908	1698749	1698749	0	366894.4164	0	0.195968233	0.269314089	0	0.465282	0.00248	0.00083	0	0.00331	0.005618	0.029976	0.038903	0.002697	0.000903
Santa Clar	2028	OBUS	Aggregate	Aggregate	Gasoline	397.1145	5435425	5435425	0	2598167.491	0	2.139668815	0.008580217	1.122644	3.270893	0.00616	0	0.000762	0.006922	0.017975	0.093944	0.118841	0.006699	0
Santa Clar	2028	OBUS	Aggregate	Aggregate	Diesel	1000.421	18520583	18520583	0	3008051.304	0	21.00419651	2.078606222	4.85038	27.93318	0.340789	0.002014	0	0.342804	0.061246	0.370237	0.774287	0.356198	0.002105
Santa Clar	2028	OBUS	Aggregate	Aggregate	Electricity	11.18613	290203.6	0	290203.6	73186.55446	321501.1588	0	0	0	0	0	0	0	0	0.00096	0.002508	0.003468	0	0
Santa Clar	2028	OBUS	Aggregate	Aggregate	Natural Ga	10.8368	205645.8	205645.8	0	28162.6725	0	0.0268943	0.00525518	0	0.032149	0.000318	1.62E-05	0	0.000334	0.00068	0.003661	0.004675	0.000346	1.76E-05
Santa Clar	2028	SBUS	Aggregate	Aggregate	Gasoline	192.6095	3082462	3082462	0	251933.2076	0	1.501800695	0.05933436	0.206084	1.767219	0.002981	0	0.000164	0.003145	0.006796	0.053417	0.063358	0.003242	0
Santa Clar	2028	SBUS	Aggregate	Aggregate	Diesel	672.4071	4892551	4892551	0	3183820.732	0	16.13879018	4.625416997	1.860702	22.62491	0.085833	0.003441	0	0.089274	0.016179	0.084785	0.190238	0.089714	0.003597
Santa Clar	2028	SBUS	Aggregate	Aggregate	Electricity	19.56942	205825.6	0	205825.6	73981.97233	216828.1403	0	0	0	0	0	0	0	0	0.000585	0.001783	0.002368	0	0
Santa Clar	2028	SBUS	Aggregate	Aggregate	Natural Ga	27.79861	218255.4	218255.4	0	131625.3158	0	0.120754881	0.052433708	0	0.173189	0.000813	0.000123	0	0.000936	0.000722	0.003782	0.00544	0.000884	0.000134
Santa Clar	2028	UBUS	Aggregate	Aggregate	Gasoline	46.62731	1592254	1592254	0	60988.51935	0	0.031800733	0	0.020248	0.052048	0.002102	0	8.99E-06	0.002111	0.00351	0.055902	0.061523	0.002286	0
Santa Clar	2028	UBUS	Aggregate	Aggregate	Diesel	397.7907	14452621	14452621	0	520310.1817	0	6.087076155	0	0	6.087076	0.110663	0	0	0.110663	0.130968	0.613355	0.854985	0.115666	0
Santa Clar	2028	UBUS	Aggregate	Aggregate	Electricity	30.09259	1031694	0	1031694	39361.10253	1798493.896	0	0	0	0	0	0	0	0	0.010164	0.021892	0.032056	0	0
Santa Clar	2028	UBUS	Aggregate	Aggregate	Natural Ga	63.25774	2388108	2388108	0	82741.1196	0	0.159999488	0	0	0.159999	0.000759	0	0	0.000759	0.022229	0.101349	0.124337	0.000793	0

	LB/VMT	LB/VMT DUST	LB/VMT TOTAL
NOX	0.000330605	0	0.000330605
ROG	0.000280326	0	0.000280326
PM10	5.06837E-05	0.000297243	0.000347927
PM2.5	1.86528E-05	4.45864E-05	6.32392E-05
CO2	0.721099361	0	0.721099361
CH4	2.96066E-05	0	2.96066E-05
N2O	3.6681E-05	0	3.6681E-05

Source: EMFAC2021 (v1.0.2) Emi
Region Type: County
Region: Santa Clara
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC20(
Units: miles/year for CVMT and

Region	Calendar Y	Vehicle Ca	PM10_STR	PM10_TO	PM10_PM	PM10_PM	PM10_TO	CO2_RUNI	CO2_IDLE	CO2_STRE	CO2_TOTE	CH4_RUNI	CH4_IDLE	CH4_STRE	CH4_TOTE	N2O_RUN	N2O_IDLE	N2O_STRE	N2O_TOTI	ROG_RUN	ROG_IDLE	ROG_STRE	ROG_TOTI	ROG_DIUI	ROG_HOT	ROG_RUN
Santa Clar	2028	HHDT	8.63E-06	0.000118	0.001112	0.00515	0.00638	108.5502	0	0.522648	109.0728	0.006008	0	3.17E-06	0.006012	0.00694	0	0.000299	0.00724	0.030274	0	1.72E-05	0.030291	0.002908	0.000921	0.008286
Santa Clar	2028	HHDT	0	9.264112	12.37162	28.01075	49.64648	538290.4	34843.34	0	573133.7	0.239224	0.736085	0	0.975308	84.80787	5.489583	0	90.29745	5.150421	15.8477	0	20.99812	0	0	0
Santa Clar	2028	HHDT	0	0	0.332638	0.423716	0.756354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	HHDT	0	0.043308	0.714064	2.872029	3.629402	26646.6	3226.313	0	29872.91	37.99436	9.919704	0	47.91406	5.432084	0.657705	0	6.089789	0.756839	0.147482	0	0.904321	0	0	0
Santa Clar	2028	LDA	1.958794	11.073	67.25458	63.74467	142.0723	2137012	0	68281.07	2205293	13.91652	0	61.08541	75.00193	32.65881	0	31.97281	64.63162	49.69235	0	268.1882	317.8806	294.9764	81.53881	223.4515
Santa Clar	2028	LDA	0	0.133082	0.105569	0.102635	0.341286	2912.322	0	0	2912.322	0.011694	0	0	0.011694	0.458838	0	0	0.458838	0.251763	0	0	0.251763	0	0	0
Santa Clar	2028	LDA	0	0	8.77651	4.814666	13.59118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LDA	0.067102	0.249068	2.864671	1.424718	4.538457	45990.63	0	2219.969	48210.6	0.14463	0	1.500528	1.645158	0.188053	0	0.722203	0.910257	0.46759	0	6.235741	6.70333	4.286386	1.496682	1.661689
Santa Clar	2028	LDT1	0.197384	1.082283	4.784452	5.535671	11.40241	182395.6	0	6609.23	189004.8	2.45834	0	6.784392	9.242732	4.142706	0	2.882149	7.024856	10.51767	0	33.19782	43.71549	42.46086	11.33105	32.63272
Santa Clar	2028	LDT1	0	0.003411	0.000158	0.000203	0.003772	7.420331	0	0	7.420331	0.000245	0	0	0.000245	0.001169	0	0	0.001169	0.005284	0	0	0.005284	0	0	0
Santa Clar	2028	LDT1	0	0	0.043846	0.024017	0.067864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LDT1	0.000407	0.001467	0.028275	0.014152	0.043894	412.5542	0	21.83523	434.3895	0.001291	0	0.013858	0.015149	0.001672	0	0.006644	0.008316	0.004192	0	0.057822	0.062014	0.022185	0.007682	0.006628
Santa Clar	2028	LDT2	1.023119	5.685332	33.06166	37.08204	75.82903	1287140	0	43350.8	1330491	8.907047	0	36.91628	45.82332	19.96304	0	18.31694	38.27997	33.2296	0	165.0079	198.2375	149.2296	38.95542	111.7948
Santa Clar	2028	LDT2	0	0.06642	0.122901	0.137792	0.327113	4361.289	0	0	4361.289	0.008763	0	0	0.008763	0.687123	0	0	0.687123	0.18866	0	0	0.18866	0	0	0
Santa Clar	2028	LDT2	0	0	0.393477	0.214931	0.608408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LDT2	0.00908	0.032431	0.491247	0.245288	0.768966	7474.717	0	439.0683	7913.785	0.023348	0	0.254963	0.278312	0.030173	0	0.121999	0.152172	0.075975	0	1.066098	1.142073	0.452235	0.159007	0.144387
Santa Clar	2028	LHDT1	0.026005	0.425287	2.125144	20.72015	23.27058	217586.5	819.453	2695.642	221101.6	1.328741	0.734554	2.984653	5.047948	1.626977	0.020178	4.959769	6.606924	6.319188	2.630263	14.4926	23.44205	16.79572	4.020601	23.74352
Santa Clar	2028	LHDT1	0	4.352813	1.843939	11.98561	18.18236	95376.67	498.7317	0	95875.4	0.957967	0.02026	0	0.978227	15.02663	0.078575	0	15.10521	20.62448	0.436175	0	21.06065	0	0	0
Santa Clar	2028	LHDT1	0	0	0.17581	0.857075	1.032885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LHDT2	0.00251	0.04621	0.258838	2.944287	3.249336	30014.72	120.1241	332.2991	30467.14	0.112034	0.09041	0.362121	0.564565	0.203091	0.002438	0.605693	0.811222	0.48225	0.324134	1.735353	2.541736	2.058722	0.482	2.786757
Santa Clar	2028	LHDT2	0	2.032891	0.859068	6.514595	9.406554	52653.53	381.891	0	53035.42	0.444599	0.009662	0	0.45426	8.295584	0.060167	0	8.355751	9.571948	0.208011	0	9.779959	0	0	0
Santa Clar	2028	LHDT2	0	0	0.042566	0.242092	0.284658	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	MCY	0.077554	0.204828	0.257767	0.7733	1.235894	11994.88	0	998.7711	12993.65	9.539399	0	3.693225	13.23262	2.424755	0	0.153375	2.578131	60.24571	0	26.86494	87.11066	42.8594	79.97148	85.12287
Santa Clar	2028	MDV	0.557879	3.002582	17.75979	20.19245	40.95482	836871.2	0	28787.24	865658.5	5.684728	0	22.89073	28.57546	12.19644	0	10.53478	22.73123	22.40512	0	108.3673	130.7724	95.15186	24.04285	71.87118
Santa Clar	2028	MDV	0	0.119385	0.250502	0.291806	0.661693	11919.89	0	0	11919.89	0.013188	0	0	0.013188	1.877984	0	0	1.877984	0.283931	0	0	0.283931	0	0	0
Santa Clar	2028	MDV	0	0	0.405202	0.221412	0.626614	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	MDV	0.006005	0.021088	0.291232	0.145445	0.457766	4447.331	0	328.4978	4775.828	0.013844	0	0.155365	0.169209	0.017833	0	0.074102	0.091935	0.045203	0	0.65183	0.697033	0.325076	0.112008	0.113284
Santa Clar	2028	MH	2.92E-05	0.011647	0.088466	0.331877	0.43199	14345.68	0	2.384208	14348.06	0.067965	0	0.002736	0.070701	0.141637	0	0.003748	0.145385	0.269664	0	0.010984	0.280647	2.828391	0.700816	0.017013
Santa Clar	2028	MH	0	0.264327	0.057147	0.159959	0.481433	3870.466	0	0	3870.466	0.018029	0	0	0.018029	0.609794	0	0	0.609794	0.388145	0	0	0.388145	0	0	0
Santa Clar	2028	MHDT	0.005276	0.043094	0.312252	1.1714	1.526746	44052.03	258.946	435.7139	44746.69	0.20599	0.135064	0.427222	0.768277	0.364782	0.003479	0.310852	0.679113	0.9713	0.515398	2.267097	3.753795	1.070575	0.250028	2.082857
Santa Clar	2028	MHDT	0	1.331086	1.777644	6.747007	9.855736	166229.7	8075.335	0	174305	0.128108	0.035813	0	0.163921	26.18955	1.272272	0	27.46182	2.758133	0.771034	0	3.529167	0	0	0
Santa Clar	2028	MHDT	0	0	0.098489	0.186411	0.2849	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	MHDT	0	0.0036	0.022471	0.085644	0.111715	1806.53	223.3364	0	2029.867	1.424083	0.688758	0	2.112842	0.368273	0.045529	0	0.413802	0.020347	0.009841	0	0.030188	0	0	0
Santa Clar	2028	OBUS	0.000829	0.007528	0.071898	0.268413	0.347839	10121.95	52.9817	87.66365	10262.59	0.058146	0.027973	0.09868	0.184798	0.107635	0.000697	0.085087	0.193419	0.279931	0.106922	0.523959	0.910812	0.488866	0.101789	0.543811
Santa Clar	2028	OBUS	0	0.358304	0.244985	1.057821	1.66111	24798.85	484.4194	0	25283.26	0.032959	0.006764	0	0.039723	3.907068	0.07632	0	3.983389	0.709596	0.145631	0	0.855227	0	0	0
Santa Clar	2028	OBUS	0	0	0.003839	0.007165	0.011004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	OBUS	0	0.000364	0.00272	0.010459	0.013542	215.3387	4.107825	0	219.4465	0.187963	0.013452	0	0.201415	0.043898	0.000837	0	0.044736	0.002686	0.000192	0	0.002878	0	0	0
Santa Clar	2028	SBUS	0.000178	0.00342	0.027183	0.152621	0.183224	2702.953	176.7324	15.67878	2895.364	0.03033	0.171432	0.020626	0.222388	0.083479	0.005535	0.018814	0.107828	0.146553	0.738811	0.116945	1.002309	0.144411	0.034279	0.094845
Santa Clar	2028	SBUS	0	0.09331	0.064717	0.242243	0.400271	6078.688	530.223	0	6608.911	0.012505	0.0019	0	0.014405	0.9577	0.083537	0	1.041237	0.269231	0.0409	0	0.31013	0	0	0
Santa Clar	2028	SBUS	0	0	0.002338	0.005095	0.007433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	SBUS	0	0.001018	0.002887	0.010806	0.014711	295.5125	41.00541	0	336.518	0.783224	0.148163	0	0.931387	0.060242	0.008359	0	0.068601	0.011191	0.002117	0	0.013308	0	0	0
Santa Clar	2028	UBUS	9.78E-06	0.002296	0.014041	0.15972	0.176056	1492.823	0	2.368317	1495.191	0.002599	0	0.001898	0.004497	0.005639	0	0.003599	0.009238	0.006789	0	0.006371	0.01316	0.00538	0.001519	0.006094
Santa Clar	2028	UBUS	0	0.115666	0.523873	1.752442	2.391981	17692.65	0	0	17692.65	0.050781	0	0	0.050781	2.787484	0	0	2.787484	1.093309	0	0	1.093309	0	0	0
Santa Clar	2028	UBUS	0	0	0.040656	0.062549	0.103205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	UBUS	0	0.000793	0.088918	0.289568	0.379279	3477.071	0	0	3477.071	11.4044	0	0	11.4044	0.708824	0	0	0.708824	0.162946	0	0	0.162946	0	0	0

Source: EMFAC2021 (v1.0.2) Emi
Region Type: County
Region: Santa Clara
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC20(
Units: miles/year for CVMT and

Region	Calendar Y	Vehicle Ca	ROG_TOTA	TOG_RUN	TOG_IDLE	TOG_STRE	TOG_TOTA	TOG_DIUR	TOG_HOT	TOG_RUN	TOG_TOTA	CO_RUNE	CO_IDLEX	CO_STREX	CO_TOTEX	SOx_RUNE	SOx_IDLEX	SOx_STRE	SOx_TOTE	NH3_RUN	Fuel Consumption
Santa Clar	2028	HHDT	0.042406	0.044175	0	1.88E-05	0.044194	0.002908	0.000921	0.008286	0.056309	1.363774	0	0.043043	1.406817	0.001073	0	5.17E-06	0.001078	0.002503	11.50159
Santa Clar	2028	HHDT	20.99812	5.863362	18.0414	0	23.90477	0	0	0	23.90477	23.64609	231.9942	0	255.6403	5.097288	0.329946	0	5.427233	76.31289	51197.81
Santa Clar	2028	HHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	HHDT	0.904321	39.01981	10.13034	0	49.15015	0	0	0	49.15015	235.6088	23.66484	0	259.2736	0	0	0	0	16.28135	3452.853
Santa Clar	2028	LDA	917.8473	72.51095	0	293.6324	366.1433	294.9764	81.53881	223.4515	966.11	5071.442	0	2779.398	7850.84	21.12654	0	0.675028	21.80157	319.7951	232545.4
Santa Clar	2028	LDA	0.251763	0.286616	0	0	0.286616	0	0	0	0.286616	3.71387	0	0	3.71387	0.027596	0	0	0.027596	0.040908	260.1566
Santa Clar	2028	LDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LDA	14.14809	0.682306	0	6.827351	7.509657	4.286386	1.496682	1.661689	14.95441	71.13104	0	48.2167	119.3477	0.454664	0	0.021947	0.476611	6.674862	5083.747
Santa Clar	2028	LDT1	130.1401	15.34736	0	36.34744	51.69479	42.46086	11.33105	32.63272	138.1194	628.8029	0	331.328	960.1309	1.803166	0	0.065339	1.868505	22.51945	19930.32
Santa Clar	2028	LDT1	0.005284	0.006016	0	0	0.006016	0	0	0	0.006016	0.037037	0	0	0.037037	7.03E-05	0	0	7.03E-05	6.12E-05	0.662855
Santa Clar	2028	LDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LDT1	0.098509	0.006117	0	0.063308	0.069425	0.022185	0.007682	0.006628	0.10592	0.638913	0	0.4471	1.086013	0.004079	0	0.000216	0.004294	0.062047	45.80583
Santa Clar	2028	LDT2	498.2174	48.48856	0	180.6629	229.1514	149.2296	38.95542	111.7948	529.1313	2888.948	0	1649.902	4538.85	12.72469	0	0.428567	13.15326	160.9637	140298.6
Santa Clar	2028	LDT2	0.18866	0.214777	0	0	0.214777	0	0	0	0.214777	1.952517	0	0	1.952517	0.041325	0	0	0.041325	0.047624	389.5922
Santa Clar	2028	LDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LDT2	1.897702	0.110862	0	1.167243	1.278105	0.452235	0.159007	0.144387	2.033735	11.56804	0	8.243404	19.81144	0.073895	0	0.004341	0.078236	1.123701	834.4987
Santa Clar	2028	LHDT1	68.00189	9.220944	3.838073	15.86757	28.92659	16.79572	4.020601	23.74352	73.48643	237.5157	26.81109	344.7669	609.0937	2.151064	0.008101	0.026649	2.185815	11.95393	23314.89
Santa Clar	2028	LHDT1	21.06065	23.47959	0.496557	0	23.97615	0	0	0	23.97615	53.80476	3.615247	0	57.42	0.903742	0.004726	0	0.908468	29.65211	8564.512
Santa Clar	2028	LHDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	LHDT2	7.869216	0.703698	0.472975	1.899993	3.076666	2.058722	0.482	2.786757	8.404145	22.87501	3.397165	42.43622	68.70839	0.296726	0.001188	0.003285	0.301199	1.455966	3212.722
Santa Clar	2028	LHDT2	9.779959	10.89703	0.236807	0	11.13383	0	0	0	11.13383	24.13735	1.724103	0	25.86145	0.498919	0.003619	0	0.502538	14.19707	4737.633
Santa Clar	2028	LHDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	MCY	295.0644	73.4477	0	29.21991	102.6676	42.8594	79.97148	85.12287	310.6214	738.7455	0	176.9972	915.7427	0.118582	0	0.009874	0.128455	0.576962	1370.164
Santa Clar	2028	MDV	321.8383	32.6935	0	118.6485	151.342	95.15186	24.04285	71.87118	342.4079	1668.477	0	952.0218	2620.499	8.273324	0	0.284591	8.557915	85.77347	91282.6
Santa Clar	2028	MDV	0.283931	0.323236	0	0	0.323236	0	0	0	0.323236	5.960868	0	0	5.960868	0.112947	0	0	0.112947	0.097069	1064.799
Santa Clar	2028	MDV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	MDV	1.247401	0.065961	0	0.713672	0.779633	0.325076	0.112008	0.113284	1.33	6.882858	0	5.040154	11.92301	0.043966	0	0.003248	0.047214	0.669066	503.6051
Santa Clar	2028	MH	3.826867	0.393492	0	0.012026	0.405518	2.828391	0.700816	0.017013	3.951738	5.70068	0	0.238294	5.938974	0.141822	0	2.36E-05	0.141845	0.331748	1512.986
Santa Clar	2028	MH	0.388145	0.441877	0	0	0.441877	0	0	0	0.441877	1.256564	0	0	1.256564	0.036675	0	0	0.036675	0.6205	345.7472
Santa Clar	2028	MHDT	7.157255	1.417318	0.752068	2.482186	4.651572	1.070575	0.250028	2.082857	8.055032	19.12572	7.68026	48.59157	75.39755	0.435499	0.00256	0.004307	0.442367	1.170946	4718.482
Santa Clar	2028	MHDT	3.529167	3.139924	0.877764	0	4.017688	0	0	0	4.017688	12.39976	27.89223	0	40.29199	1.574096	0.076469	0	1.650564	31.85021	15570.6
Santa Clar	2028	MHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	MHDT	0.030188	1.453382	0.702928	0	2.15631	0	0	0	2.15631	5.603417	1.614332	0	7.21775	0	0	0	0	1.984903	234.6217
Santa Clar	2028	OBUS	2.045277	0.408475	0.15602	0.573669	1.138164	0.488866	0.101789	0.543811	2.272629	6.09349	0.827179	10.81892	17.73959	0.100066	0.000524	0.000867	0.101456	0.269619	1082.178
Santa Clar	2028	OBUS	0.855227	0.807821	0.16579	0	0.973611	0	0	0	0.973611	2.667014	2.492794	0	5.159809	0.23483	0.004587	0	0.239417	4.424516	2258.544
Santa Clar	2028	OBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	OBUS	0.002878	0.19183	0.013729	0	0.205559	0	0	0	0.205559	0.761761	0.031427	0	0.793188	0	0	0	0	0.240287	25.36467
Santa Clar	2028	SBUS	1.275843	0.21385	1.078071	0.12804	1.419961	0.144411	0.034279	0.094845	1.693495	3.775401	5.709753	2.715529	12.20068	0.026721	0.001747	0.000155	0.028624	0.152902	305.3125
Santa Clar	2028	SBUS	0.31013	0.306498	0.046561	0	0.35306	0	0	0	0.35306	0.863354	1.237624	0	2.100978	0.057562	0.005021	0	0.062582	0.88199	590.3714
Santa Clar	2028	SBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	SBUS	0.013308	0.799338	0.151212	0	0.950549	0	0	0	0.950549	2.597456	0.228407	0	2.825864	0	0	0	0	0.25502	38.89634
Santa Clar	2028	UBUS	0.026154	0.009907	0	0.006975	0.016882	0.00538	0.001519	0.006094	0.029876	1.020238	0	0.426406	1.446644	0.014758	0	2.34E-05	0.014781	0.078982	157.6661
Santa Clar	2028	UBUS	1.093309	1.244649	0	0	1.244649	0	0	0	1.244649	1.250922	0	0	1.250922	0.167647	0	0	0.167647	3.504882	1580.478
Santa Clar	2028	UBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2028	UBUS	0.162946	11.63903	0	0	11.63903	0	0	0	11.63903	133.0783	0	0	133.0783	0	0	0	0	2.553465	401.8964

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: County
Region: Santa Clara
Calendar Year: 2030
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consur	NOx_RUN	NOx_IDLE	NOx_STRE	NOx_TOTE	PM2.5_RU	PM2.5_IDI	PM2.5_STI	PM2.5_TO	PM2.5_PM	PM2.5_PM	PM2.5_TO	PM10_RUI	PM10_IDL	PM10_STR
Santa Clar	2030	HHDT	Aggregate	Aggregate	Gasoline	1.487616	56521.9	56521.9	0	9732.898	0	0.181408	0	0.005738	0.187146	0.000104	0	7.23E-06	0.000112	0.000312	0.002023	0.002446	0.000113	0	7.86E-06
Santa Clar	2030	HHDT	Aggregate	Aggregate	Diesel	9231.234	3.2E+08	3.2E+08	0	42599806	0	551.1842	174.7234	135.6882	861.5957	8.724638	0.077467	0	8.802105	3.096143	9.915219	21.81347	9.119127	0.08097	0
Santa Clar	2030	HHDT	Aggregate	Aggregate	Electricity	530.2501	17085941	0	17085941	2079107	31524036.67	0	0	0	0	0	0	0	0	0.160701	0.292201	0.452902	0	0	0
Santa Clar	2030	HHDT	Aggregate	Aggregate	Natural Ga	938.2726	18076633	18076633	0	2585792	0	14.56849	3.725938	0	18.29443	0.031035	0.008807	0	0.039841	0.179335	1.030578	1.249754	0.033753	0.009578	0
Santa Clar	2030	LDA	Aggregate	Aggregate	Gasoline	602124.6	7.63E+09	7.63E+09	0	9.7E+08	0	228.128	0	218.6274	446.7554	7.4405	0	1.638435	9.078935	16.81862	22.30926	48.20682	8.092222	0	1.781948
Santa Clar	2030	LDA	Aggregate	Aggregate	Diesel	966.5715	9680996	9680996	0	1446793	0	0.90304	0	0	0.90304	0.07001	0	0	0.07001	0.021343	0.029045	0.120398	0.073176	0	0
Santa Clar	2030	LDA	Aggregate	Aggregate	Electricity	74807.28	1.03E+09	0	1.03E+09	1.24E+08	399499801.6	0	0	0	0	0	0	0	0	2.281238	1.752962	4.034201	0	0	0
Santa Clar	2030	LDA	Aggregate	Aggregate	Plug-in Hy	24661.52	3.42E+08	1.53E+08	1.89E+08	35385452	57097196.06	1.107603	0	4.505568	5.613171	0.151577	0	0.060008	0.211585	0.754358	0.527272	1.493215	0.164853	0	0.065264
Santa Clar	2030	LDT1	Aggregate	Aggregate	Gasoline	47587.45	5.25E+08	5.25E+08	0	73570683	0	38.99754	0	22.41957	61.41712	0.682817	0	0.156731	0.839548	1.156507	1.870997	3.867052	0.742626	0	0.170459
Santa Clar	2030	LDT1	Aggregate	Aggregate	Diesel	0.768467	5918.329	5918.329	0	911.0545	0	0.003532	0	0	0.003532	0.000528	0	0	0.000528	1.3E-05	2.14E-05	0.000562	0.000552	0	0
Santa Clar	2030	LDT1	Aggregate	Aggregate	Electricity	459.5988	6776066	0	6776066	773521.2	2616120.553	0	0	0	0	0	0	0	0	0.014939	0.011447	0.026385	0	0	0
Santa Clar	2030	LDT1	Aggregate	Aggregate	Plug-in Hy	311.9596	4618208	1909600	2708608	447613.7	818080.3279	0.013813	0	0.056994	0.070807	0.001206	0	0.000484	0.00169	0.010181	0.007149	0.01902	0.001312	0	0.000527
Santa Clar	2030	LDT2	Aggregate	Aggregate	Gasoline	315384	3.82E+09	3.82E+09	0	5.09E+08	0	179.1008	0	142.7226	321.8234	3.889052	0	0.876916	4.765968	8.42392	13.25553	26.44542	4.229699	0	0.953726
Santa Clar	2030	LDT2	Aggregate	Aggregate	Diesel	1158.99	14194502	14194502	0	1887453	0	0.470304	0	0	0.470304	0.062403	0	0	0.062403	0.031294	0.049185	0.142881	0.065224	0	0
Santa Clar	2030	LDT2	Aggregate	Aggregate	Electricity	5453.194	59579551	0	59579551	9413435	23002624.24	0	0	0	0	0	0	0	0	0.13135	0.100541	0.231891	0	0	0
Santa Clar	2030	LDT2	Aggregate	Aggregate	Plug-in Hy	4846.712	67227246	28750447	38476799	6954280	11621140.08	0.20796	0	0.885476	1.093436	0.022298	0	0.00923	0.031528	0.148211	0.103916	0.283655	0.024251	0	0.010039
Santa Clar	2030	LHDT1	Aggregate	Aggregate	Gasoline	19753.02	2.38E+08	2.38E+08	0	96233009	0	21.6508	0.218115	54.86174	76.73066	0.348582	0	0.020634	0.369216	0.524539	7.159961	8.053716	0.379115	0	0.022441
Santa Clar	2030	LHDT1	Aggregate	Aggregate	Diesel	11269.28	1.4E+08	1.4E+08	0	46353342	0	121.6277	5.868633	0	127.4964	3.669483	0.106767	0	3.77625	0.462125	4.205341	8.443716	3.835401	0.111594	0
Santa Clar	2030	LHDT1	Aggregate	Aggregate	Electricity	2074.538	38409866	0	38409866	9503261	25161755.43	0	0	0	0	0	0	0	0	0.084679	0.577936	0.662615	0	0	0
Santa Clar	2030	LHDT2	Aggregate	Aggregate	Gasoline	2461.018	28513876	28513876	0	11989619	0	2.416531	0.026288	6.748284	9.191103	0.037787	0	0.001974	0.039761	0.062862	1.001083	1.103706	0.041097	0	0.002147
Santa Clar	2030	LHDT2	Aggregate	Aggregate	Diesel	5433.248	65342722	65342722	0	22348299	0	53.93989	2.86005	0	56.79994	1.79559	0.052732	0	1.848322	0.216084	2.294092	4.358498	1.876778	0.055117	0
Santa Clar	2030	LHDT2	Aggregate	Aggregate	Electricity	523.4249	9275031	0	9275031	2269827	5982727.239	0	0	0	0	0	0	0	0	0.020448	0.162817	0.183265	0	0	0
Santa Clar	2030	MCY	Aggregate	Aggregate	Gasoline	29945.67	59010489	59010489	0	20782296	0	33.16593	0	2.361439	35.52737	0.121218	0	0.073237	0.194455	0.065048	0.273201	0.532704	0.129881	0	0.078262
Santa Clar	2030	MDV	Aggregate	Aggregate	Gasoline	174344	2.07E+09	2.07E+09	0	2.8E+08	0	115.7783	0	88.60314	204.3815	2.056678	0	0.479086	2.535764	4.561128	7.271313	14.3682	2.236825	0	0.52105
Santa Clar	2030	MDV	Aggregate	Aggregate	Diesel	2406.787	27649686	27649686	0	3842268	0	0.805291	0	0	0.805291	0.09292	0	0	0.09292	0.060957	0.099665	0.253543	0.097122	0	0
Santa Clar	2030	MDV	Aggregate	Aggregate	Electricity	5418.753	58947285	0	58947285	9342134	22758517.32	0	0	0	0	0	0	0	0	0.129957	0.099539	0.229496	0	0	0
Santa Clar	2030	MDV	Aggregate	Aggregate	Plug-in Hy	2963.422	40094521	17170320	22924201	4252051	6923792.091	0.124198	0	0.541406	0.665604	0.01417	0	0.005984	0.020155	0.088393	0.062003	0.170551	0.015411	0	0.006508
Santa Clar	2030	MH	Aggregate	Aggregate	Gasoline	2034.688	6530274	6530274	0	66560.91	0	1.4778	0	0.033316	1.511116	0.009836	0	2.39E-05	0.00986	0.021595	0.113419	0.144874	0.010698	0	2.6E-05
Santa Clar	2030	MH	Aggregate	Aggregate	Diesel	1064.938	3300184	3300184	0	34823.48	0	12.37594	0	0	12.37594	0.226212	0	0	0.226212	0.014551	0.057022	0.297786	0.236441	0	0
Santa Clar	2030	MHDT	Aggregate	Aggregate	Gasoline	1369.784	22820203	22820203	0	8961968	0	4.590883	0.036752	3.430245	8.057881	0.033658	0	0.004611	0.038269	0.075465	0.396344	0.510078	0.036606	0	0.005015
Santa Clar	2030	MHDT	Aggregate	Aggregate	Diesel	10679.13	1.3E+08	1.3E+08	0	39824235	0	104.5265	36.3331	67.76046	208.62	0.931293	0.03548	0	0.966772	0.429042	2.279829	3.675643	0.973402	0.037084	0
Santa Clar	2030	MHDT	Aggregate	Aggregate	Electricity	991.1386	16086856	0	16086856	4028313	17546174.06	0	0	0	0	0	0	0	0	0.053198	0.140976	0.194174	0	0	0
Santa Clar	2030	MHDT	Aggregate	Aggregate	Natural Ga	136.8437	1809580	1809580	0	411987.8	0	0.193013	0.294104	0	0.487118	0.002716	0.00093	0	0.003646	0.005984	0.031924	0.041554	0.002954	0.001011	0
Santa Clar	2030	OBUS	Aggregate	Aggregate	Gasoline	373.8509	4910872	4910872	0	2445963	0	1.642802	0.007761	1.023026	2.673589	0.005819	0	0.000735	0.006553	0.01624	0.084878	0.107672	0.006328	0	0.000799
Santa Clar	2030	OBUS	Aggregate	Aggregate	Diesel	1041.415	18745960	18745960	0	3130650	0	20.25795	2.003478	4.716497	26.97793	0.31225	0.001777	0	0.314027	0.061992	0.376252	0.752271	0.326368	0.001858	0
Santa Clar	2030	OBUS	Aggregate	Aggregate	Electricity	23.4704	595996.4	0	595996.4	153557.8	660272.8553	0	0	0	0	0	0	0	0	0.001971	0.005151	0.007121	0	0	0
Santa Clar	2030	OBUS	Aggregate	Aggregate	Natural Ga	12.4197	230401.8	230401.8	0	32276.33	0	0.026048	0.005994	0	0.032041	0.000376	1.92E-05	0	0.000395	0.000762	0.004101	0.005258	0.000409	2.09E-05	0
Santa Clar	2030	SBUS	Aggregate	Aggregate	Gasoline	198.1997	3155247	3155247	0	259245.2	0	1.412921	0.059196	0.2171	1.689218	0.003089	0	0.000171	0.00326	0.006956	0.054679	0.064895	0.00336	0	0.000186
Santa Clar	2030	SBUS	Aggregate	Aggregate	Diesel	659.3029	4742283	4742283	0	3121773	0	13.27518	4.125677	1.895284	19.29614	0.073392	0.002759	0	0.07615	0.015682	0.082181	0.174014	0.07671	0.002883	0
Santa Clar	2030	SBUS	Aggregate	Aggregate	Electricity	42.27556	445609.2	0	445609.2	160994.7	469429.5229	0	0	0	0	0	0	0	0	0.001273	0.003861	0.005134	0	0	0
Santa Clar	2030	SBUS	Aggregate	Aggregate	Natural Ga	29.19835	223511.7	223511.7	0	138253	0	0.117644	0.054934	0	0.172578	0.000832	0.000132	0	0.000965	0.000739	0.003873	0.005577	0.000905	0.000144	0
Santa Clar	2030	UBUS	Aggregate	Aggregate	Gasoline	46.8994	1601546	1601546	0	61344.41	0	0.03086	0	0.019951	0.050811	0.002114	0	9.04E-06	0.002123	0.003531	0.056228	0.061882	0.002299	0	9.84E-06
Santa Clar	2030	UBUS	Aggregate	Aggregate	Diesel	338.5092	12137940	12137940	0	442770	0	5.304838	0	0	5.304838	0.09646	0	0	0.09646	0.113652	0.515122	0.725234	0.100821	0	0
Santa Clar	2030	UBUS	Aggregate	Aggregate	Electricity	78.67225	2921754	0	2921754	102903.3	5093330.84	0	0	0	0	0	0	0	0	0.024457	0.061998	0.086455	0	0	0
Santa Clar	2030	UBUS	Aggregate	Aggregate	Natural Ga	76.82557	2917022	2917022	0	100487.8	0	0.188225	0	0	0.188225	0.000905	0	0	0.000905	0.026205	0.123795	0.150906	0.000946	0	0

	LB/VMT	LB/VMT DI	LB/VMT TOTAL
NOX	0.000298343	0	0.000298
ROG	0.000257948	0	0.000258
PM10	5.02129E-05	0.000297	0.000347
PM2.5	1.82235E-05	4.46E-05	6.28E-05
CO2	0.692295144	0	0.692295
CH4	2.71749E-05	0	2.72E-05
N2O	3.47847E-05	0	3.48E-05

Source: EMFAC2021 (v1.0.2) Emi
Region Type: County
Region: Santa Clara
Calendar Year: 2030
Season: Annual
Vehicle Classification: EMFAC20(
Units: miles/year for CVMT and

Region	Calendar Y	Vehicle Ca	PM10_TO	PM10_PM	PM10_PM	PM10_TO	CO2_RUN	CO2_IDLE	CO2_STRE	CO2_TOTE	CH4_RUN	CH4_IDLE	CH4_STRE	CH4_TOTE	N2O_RUN	N2O_IDLE	N2O_STRE	N2O_TOTE	ROG_RUN	ROG_IDLE	ROG_STRE	ROG_TOTE	ROG_DIUF	ROG_HOT	ROG_RUN	ROG_TOTA
Santa Clar	2030	HHDT	0.000121	0.001246	0.00578	0.007147	119.9221	0	0.515435	120.4375	0.006376	0	2.4E-06	0.006379	0.007451	0	0.000206	0.007657	0.03123	0	1.3E-05	0.031243	0.002197	0.000693	0.006226	0.040359
Santa Clar	2030	HHDT	9.200097	12.38457	28.3292	49.91387	519497.1	34199.81	0	553696.9	0.227513	0.746461	0	0.973974	81.84698	5.388193	0	87.23518	4.898301	16.0711	0	20.9694	0	0	0	20.9694
Santa Clar	2030	HHDT	0	0.642804	0.834859	1.477663	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	HHDT	0.043331	0.717339	2.944508	3.705178	26359.7	3304.755	0	29664.46	34.08285	9.711594	0	43.79445	5.373597	0.673696	0	6.047293	0.660925	0.143433	0	0.804358	0	0	0	0.804358
Santa Clar	2030	LDA	9.87417	67.2745	63.74074	140.8894	2065837	0	65923.11	2131760	12.27623	0	55.3836	67.65983	30.89862	0	30.89052	61.78915	42.50553	0	239.0754	281.5809	278.5154	74.13023	211.0754	845.3019
Santa Clar	2030	LDA	0.073176	0.085372	0.082986	0.241533	2281.684	0	0	2281.684	0.006957	0	0	0.006957	0.35948	0	0	0.35948	0.149778	0	0	0.149778	0	0	0	0.149778
Santa Clar	2030	LDA	0	9.124954	5.008464	14.13342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LDA	0.230118	3.017431	1.506492	4.75404	47107.55	0	2357.106	49464.65	0.147137	0	1.614877	1.762013	0.190075	0	0.771984	0.962059	0.478967	0	6.759112	7.238079	4.894536	1.602273	1.965794	15.70068
Santa Clar	2030	LDT1	0.913085	4.62603	5.345706	10.88482	170706.5	0	6153.358	176859.8	1.931993	0	5.807143	7.739137	3.465188	0	2.662164	6.127352	8.07258	0	27.74417	35.81675	38.69694	9.935844	29.33597	113.7855
Santa Clar	2030	LDT1	0.000552	5.22E-05	6.12E-05	0.000665	2.337447	0	0	2.337447	4.06E-05	0	0	4.06E-05	0.000368	0	0	0.000368	0.000875	0	0	0.000875	0	0	0	0.000875
Santa Clar	2030	LDT1	0	0.059755	0.032705	0.092459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LDT1	0.001838	0.040726	0.020424	0.062989	587.7702	0	31.94554	619.7157	0.001832	0	0.020393	0.022225	0.002362	0	0.009733	0.012095	0.005973	0	0.0855	0.091474	0.033068	0.011392	0.009894	0.145827
Santa Clar	2030	LDT2	5.183425	33.69568	37.87294	76.75205	1266723	0	42844.98	1309568	8.165664	0	34.77037	42.93604	18.91568	0	18.24966	37.16534	29.70476	0	153.0134	182.7182	143.8197	36.68936	107.4928	470.7201
Santa Clar	2030	LDT2	0.065224	0.125174	0.140527	0.330925	4292.91	0	0	4292.91	0.008749	0	0	0.008749	0.67635	0	0	0.67635	0.18837	0	0	0.18837	0	0	0	0.18837
Santa Clar	2030	LDT2	0	0.525402	0.287259	0.812661	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LDT2	0.03429	0.592843	0.296904	0.924037	8846.772	0	538.0506	9384.823	0.027466	0	0.31561	0.343076	0.035284	0	0.150072	0.185356	0.089929	0	1.328364	1.418293	0.598943	0.205069	0.199502	2.421806
Santa Clar	2030	LHDT1	0.401556	2.098157	20.45703	22.95674	210355.3	807.9132	2663.103	213826.3	0.975297	0.706125	2.756459	4.437881	1.28782	0.019695	4.771501	6.079016	4.391334	2.501481	13.11524	20.00805	14.63151	3.492357	20.68421	58.81613
Santa Clar	2030	LHDT1	3.946995	1.848501	12.01526	17.81076	95076.17	501.2411	0	95577.42	0.87225	0.020709	0	0.892959	14.97929	0.078971	0	15.05826	18.77904	0.445852	0	19.22489	0	0	0	19.22489
Santa Clar	2030	LHDT1	0	0.338717	1.651246	1.989963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LHDT2	0.043244	0.251449	2.860236	3.154929	28593.48	116.8153	323.4312	29033.73	0.085489	0.084956	0.330079	0.500523	0.161889	0.002322	0.572282	0.736494	0.353751	0.301718	1.559805	2.215274	1.835566	0.421522	2.473538	6.945899
Santa Clar	2030	LHDT2	1.931895	0.864336	6.55455	9.350781	52465.44	388.9969	0	52854.43	0.421167	0.009984	0	0.431151	8.265951	0.061287	0	8.327237	9.067474	0.214958	0	9.282433	0	0	0	9.282433
Santa Clar	2030	LHDT2	0	0.081792	0.465191	0.546982	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	MCY	0.208143	0.260192	0.780575	1.248909	12071.39	0	981.2255	13052.62	9.301	0	3.602189	12.90319	2.404652	0	0.145256	2.549908	57.92572	0	25.98668	83.9124	42.16039	81.44327	86.67381	294.1899
Santa Clar	2030	MDV	2.757875	18.24451	20.77518	41.77757	829532.4	0	28597.32	858129.7	5.047809	0	21.17677	26.22458	11.23262	0	10.46437	21.69699	19.28477	0	98.00018	117.2849	90.41514	22.48547	67.92201	298.1076
Santa Clar	2030	MDV	0.097122	0.243828	0.284757	0.625707	11243.93	0	0	11243.93	0.011366	0	0	0.011366	1.771486	0	0	1.771486	0.244702	0	0	0.244702	0	0	0	0.244702
Santa Clar	2030	MDV	0	0.519826	0.284398	0.804224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	MDV	0.02192	0.353573	0.177152	0.552645	5283.578	0	401.3775	5684.956	0.016354	0	0.192422	0.208775	0.020948	0	0.091243	0.11219	0.053707	0	0.812201	0.865908	0.391773	0.133335	0.134494	1.52551
Santa Clar	2030	MH	0.010724	0.086381	0.324053	0.421158	14002.74	0	2.249452	14004.99	0.048248	0	0.002545	0.050793	0.120621	0	0.003706	0.124326	0.169637	0	0.00994	0.179577	2.268252	0.547664	0.013328	3.008821
Santa Clar	2030	MH	0.236441	0.058205	0.162921	0.457567	3944.751	0	0	3944.751	0.017572	0	0	0.017572	0.621497	0	0	0.621497	0.378324	0	0	0.378324	0	0	0	0.378324
Santa Clar	2030	MHDT	0.041621	0.30186	1.132412	1.475893	41879.88	249.1283	413.8447	42542.85	0.154417	0.133155	0.401099	0.688671	0.290729	0.003287	0.290228	0.584244	0.700202	0.505045	2.083354	3.288601	0.909654	0.20851	1.745544	6.152309
Santa Clar	2030	MHDT	1.010485	1.716167	6.513796	9.240448	158623	7859.089	0	166482.1	0.097539	0.033533	0	0.131072	24.99112	1.238203	0	26.22932	2.099998	0.721955	0	2.821953	0	0	0	2.821953
Santa Clar	2030	MHDT	0	0.212793	0.402788	0.615581	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	MHDT	0.003965	0.023937	0.091211	0.119113	1910.987	244.8411	0	2155.828	1.521112	0.743745	0	2.264857	0.389567	0.049912	0	0.43948	0.021734	0.010627	0	0.03236	0	0	0	0.03236
Santa Clar	2030	OBUS	0.007127	0.06496	0.242509	0.314596	8983.294	49.35906	81.36627	9114.02	0.044897	0.026231	0.090932	0.16206	0.084232	0.000626	0.076821	0.161679	0.213892	0.100679	0.483274	0.797846	0.469715	0.094875	0.523062	1.885497
Santa Clar	2030	OBUS	0.328226	0.247967	1.075005	1.651198	24542.67	494.1565	0	25036.83	0.030093	0.006987	0	0.037079	3.866708	0.077855	0	3.944563	0.647887	0.150418	0	0.798306	0	0	0	0.798306
Santa Clar	2030	OBUS	0	0.007884	0.014716	0.022599	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	OBUS	0.00043	0.003048	0.011718	0.015195	236.6727	4.671478	0	241.3442	0.212826	0.015056	0	0.227882	0.048247	0.000952	0	0.0492	0.003041	0.000215	0	0.003256	0	0	0	0.003256
Santa Clar	2030	SBUS	0.003545	0.027825	0.156225	0.187595	2747.059	180.7017	15.94113	2943.702	0.02755	0.176523	0.021159	0.225232	0.080637	0.005524	0.019666	0.105827	0.132628	0.760254	0.119564	1.012445	0.169137	0.037871	0.112369	1.331822
Santa Clar	2030	SBUS	0.079593	0.06273	0.234803	0.377126	5846.924	513.7156	0	6360.64	0.010946	0.001862	0	0.012807	0.921185	0.080936	0	1.002121	0.235657	0.040078	0	0.275735	0	0	0	0.275735
Santa Clar	2030	SBUS	0	0.005092	0.011032	0.016124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	SBUS	0.001049	0.002957	0.011067	0.015073	299.6064	43.16348	0	342.7698	0.785514	0.153896	0	0.93941	0.061077	0.008799	0	0.069876	0.011223	0.002199	0	0.013422	0	0	0	0.013422
Santa Clar	2030	UBUS	0.002309	0.014123	0.160652	0.177084	1501.547	0	2.359908	1503.906	0.002483	0	0.001952	0.004434	0.005528	0	0.003573	0.009101	0.006463	0	0.006534	0.012997	0.005489	0.001636	0.006144	0.026266
Santa Clar	2030	UBUS	0.100821	0.45461	1.471777	2.027207	15263.38	0	0	15263.38	0.043895	0	0	0.043895	2.404752	0	0	2.404752	0.945037	0	0	0.945037	0	0	0	0.945037
Santa Clar	2030	UBUS	0	0.097828	0.177138	0.274966	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	UBUS	0.000946	0.104822	0.353701	0.459469	4168.808	0	0	4168.808	13.61823	0	0	13.61823	0.849839	0	0	0.849839	0.194578	0	0	0.194578	0	0	0	0.194578

Source: EMFAC2021 (v1.0.2) Emi
Region Type: County
Region: Santa Clara
Calendar Year: 2030
Season: Annual
Vehicle Classification: EMFAC20(
Units: miles/year for CVMT and

Region	Calendar Y	Vehicle Ca	TOG_RUN	TOG_IDLE	TOG_STRE	TOG_TOTA	TOG_DIUF	TOG_HOT	TOG_RUN	TOG_TOT/	CO_RUNE	CO_IDLEX	CO_STREX	CO_TOTEX	SOx_RUNE	SOx_IDLEX	SOx_STRE	SOx_TOTE	NH3_RUN	Fuel Consumption
Santa Clar	2030	HHDT	0.04557	0	1.43E-05	0.045585	0.002197	0.000693	0.006226	0.054701	1.6286	0	0.047659	1.676259	0.001186	0	5.1E-06	0.001191	0.002804	12.69999
Santa Clar	2030	HHDT	5.576343	18.29572	0	23.87207	0	0	0	23.87207	21.81298	235.7852	0	257.5982	4.919327	0.323852	0	5.243179	76.52467	49461.53
Santa Clar	2030	HHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	HHDT	34.98224	9.916718	0	44.89895	0	0	0	44.89895	222.3913	24.65677	0	247.0481	0	0	0	0	16.16481	3428.759
Santa Clar	2030	LDA	62.02397	0	261.7574	323.7814	278.5154	74.13023	211.0754	887.5024	4739.07	0	2551.872	7290.942	20.4229	0	0.651717	21.07461	330.4912	224791.4
Santa Clar	2030	LDA	0.170512	0	0	0.170512	0	0	0	0.170512	2.604492	0	0	2.604492	0.02162	0	0	0.02162	0.033082	203.822
Santa Clar	2030	LDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LDA	0.698907	0	7.400377	8.099284	4.894536	1.602273	1.965794	16.56189	72.85106	0	52.26357	125.1146	0.465706	0	0.023302	0.489008	6.912212	5215.986
Santa Clar	2030	LDT1	11.77949	0	30.37637	42.15586	38.69694	9.935844	29.33597	120.1246	528.1679	0	280.7998	808.9676	1.687607	0	0.060832	1.748439	22.22498	18649.65
Santa Clar	2030	LDT1	0.000996	0	0	0.000996	0	0	0	0.000996	0.006218	0	0	0.006218	2.21E-05	0	0	2.21E-05	2.02E-05	0.208803
Santa Clar	2030	LDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LDT1	0.008716	0	0.093612	0.102328	0.033068	0.011392	0.009894	0.156681	0.910042	0	0.661116	1.571158	0.005811	0	0.000316	0.006127	0.088409	65.34825
Santa Clar	2030	LDT2	43.34512	0	167.5304	210.8755	143.8197	36.68936	107.4928	498.8775	2777.219	0	1576.432	4353.652	12.52285	0	0.423566	12.94642	167.7708	138092.4
Santa Clar	2030	LDT2	0.214447	0	0	0.214447	0	0	0	0.214447	1.965888	0	0	1.965888	0.040678	0	0	0.040678	0.048505	383.484
Santa Clar	2030	LDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LDT2	0.131225	0	1.454391	1.585616	0.598943	0.205069	0.199502	2.589129	13.68847	0	10.27133	23.9598	0.087459	0	0.005319	0.092779	1.330436	989.6178
Santa Clar	2030	LHDT1	6.407824	3.650156	14.35953	24.41751	14.63151	3.492357	20.68421	63.2256	201.474	26.82977	343.9203	572.2241	2.079576	0.007987	0.026327	2.11389	11.80213	22547.71
Santa Clar	2030	LHDT1	21.37868	0.507573	0	21.88626	0	0	0	21.88626	48.38094	3.695453	0	52.07639	0.900895	0.00475	0	0.905645	30.70601	8537.893
Santa Clar	2030	LHDT1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	LHDT2	0.516192	0.440267	1.70779	2.664248	1.835566	0.421522	2.473538	7.394874	20.71464	3.348874	42.00852	66.07203	0.282676	0.001155	0.003197	0.287028	1.414402	3061.57
Santa Clar	2030	LHDT2	10.32272	0.244716	0	10.56743	0	0	0	10.56743	22.90978	1.781686	0	24.69146	0.497137	0.003686	0	0.500823	14.59891	4721.466
Santa Clar	2030	LHDT2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	MCY	71.02241	0	28.2707	99.29311	42.16039	81.44327	86.67381	309.5706	718.555	0	179.3937	897.9488	0.119338	0	0.0097	0.129038	0.585711	1376.382
Santa Clar	2030	MDV	28.14029	0	107.2979	135.4381	90.41514	22.48547	67.92201	316.2608	1585.56	0	906.2596	2491.82	8.200772	0	0.282714	8.483486	90.17339	90488.7
Santa Clar	2030	MDV	0.278577	0	0	0.278577	0	0	0	0.278577	5.533753	0	0	5.533753	0.106542	0	0	0.106542	0.094484	1004.416
Santa Clar	2030	MDV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	MDV	0.07837	0	0.889258	0.967627	0.391773	0.133335	0.134494	1.62723	8.175607	0	6.28019	14.4558	0.052234	0	0.003968	0.056202	0.794935	599.4715
Santa Clar	2030	MH	0.247534	0	0.010883	0.258417	2.268252	0.547664	0.013328	3.087661	2.819288	0	0.214402	3.03369	0.138431	0	2.22E-05	0.138454	0.323928	1476.809
Santa Clar	2030	MH	0.430697	0	0	0.430697	0	0	0	0.430697	1.209209	0	0	1.209209	0.037379	0	0	0.037379	0.658687	352.383
Santa Clar	2030	MHDT	1.021733	0.736961	2.281011	4.039704	0.909654	0.20851	1.745544	6.903412	13.20283	7.522004	43.8115	64.53633	0.414025	0.002463	0.004091	0.420579	1.131973	4486.091
Santa Clar	2030	MHDT	2.390688	0.821891	0	3.212579	0	0	0	3.212579	10.41061	27.5714	0	37.98201	1.502065	0.074421	0	1.576486	30.94104	14871.78
Santa Clar	2030	MHDT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	MHDT	1.552407	0.759046	0	2.311453	0	0	0	2.311453	5.962511	1.814303	0	7.776813	0	0	0	0	2.114404	249.1808
Santa Clar	2030	OBUS	0.312111	0.146911	0.529124	0.988147	0.469715	0.094875	0.523062	2.075798	4.709311	0.778848	9.91322	15.40138	0.088809	0.000488	0.000804	0.090101	0.243599	961.062
Santa Clar	2030	OBUS	0.737571	0.17124	0	0.90881	0	0	0	0.90881	2.534639	2.590792	0	5.125431	0.232404	0.004679	0	0.237084	4.48617	2236.53
Santa Clar	2030	OBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	OBUS	0.217205	0.015366	0	0.232571	0	0	0	0.232571	0.859486	0.037588	0	0.897074	0	0	0	0	0.269213	27.89571
Santa Clar	2030	SBUS	0.19353	1.10936	0.130907	1.433798	0.169137	0.037871	0.112369	1.753175	3.407517	5.875471	2.723331	12.00632	0.027157	0.001786	0.000158	0.029101	0.156513	310.4097
Santa Clar	2030	SBUS	0.268277	0.045626	0	0.313903	0	0	0	0.313903	0.775664	1.275561	0	2.051225	0.055367	0.004865	0	0.060231	0.898053	568.1935
Santa Clar	2030	SBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	SBUS	0.801675	0.157062	0	0.958737	0	0	0	0.958737	2.582023	0.247435	0	2.829458	0	0	0	0	0.261162	39.61897
Santa Clar	2030	UBUS	0.00943	0	0.007154	0.016585	0.005489	0.001636	0.006144	0.029854	1.037249	0	0.414619	1.451867	0.014844	0	2.33E-05	0.014868	0.079443	158.5851
Santa Clar	2030	UBUS	1.075853	0	0	1.075853	0	0	0	1.075853	1.089729	0	0	1.089729	0.144628	0	0	0.144628	2.943553	1363.472
Santa Clar	2030	UBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clar	2030	UBUS	13.89841	0	0	13.89841	0	0	0	13.89841	157.1035	0	0	157.1035	0	0	0	0	3.119002	481.8506

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		HC	1.868588
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		CO	34.64319
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		NOx	26.62392
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		SOx	0.049333
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		PM	0.012693
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		TOG	2.693944
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		ROG	2.36638
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		CO2	5170.947
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		CH4	0.109912
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		PM10	0.012617
2028	Annual	Santa Clara	HHDT	Dsl			IDLEX		PM2_5	0.012071
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		HC	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		CO	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		NOx	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		SOx	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		PM	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		TOG	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		ROG	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		CO2	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		CH4	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		PM10	0
2028	Annual	Santa Clara	HHDT	Elec			IDLEX		PM2_5	0
2028	Annual	Santa Clara	HHDT	NG			IDLEX		HC	30.50613
2028	Annual	Santa Clara	HHDT	NG			IDLEX		CO	92.18193
2028	Annual	Santa Clara	HHDT	NG			IDLEX		NOx	12.08261
2028	Annual	Santa Clara	HHDT	NG			IDLEX		PM	0.036641
2028	Annual	Santa Clara	HHDT	NG			IDLEX		TOG	30.46178
2028	Annual	Santa Clara	HHDT	NG			IDLEX		ROG	0.451044
2028	Annual	Santa Clara	HHDT	NG			IDLEX		CO2	10714.97
2028	Annual	Santa Clara	HHDT	NG			IDLEX		CH4	29.81983
2028	Annual	Santa Clara	HHDT	NG			IDLEX		PM10	0.032757
2028	Annual	Santa Clara	HHDT	NG			IDLEX		PM2_5	0.030119
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		HC	2.5056
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		CO	26.3
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		NOx	45.51956
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		SOx	0.034369
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		PM	0.803967
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		TOG	3.612324
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		ROG	3.173065
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		CO2	3601.12
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		CH4	0.147383
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		PM10	0.799143
2028	Annual	Santa Clara	LHDT1	Dsl			IDLEX		PM2_5	0.764572
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		HC	20.43245
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		CO	154.5393
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		NOx	1.322367
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		SOx	0.046682
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		TOG	22.12268
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		ROG	15.16086
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		CO2	4370.365
2028	Annual	Santa Clara	LHDT1	Gas			IDLEX		CH4	2.026344
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		HC	2.5056
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		CO	26.3

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		NOx	45.52924
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		SOx	0.055184
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		PM	0.820752
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		TOG	3.612324
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		ROG	3.173065
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		CO2	5782.089
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		CH4	0.147383
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		PM10	0.815827
2028	Annual	Santa Clara	LHDT2	Dsl			IDLEX		PM2_5	0.780535
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		HC	19.91279
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		CO	154.8559
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		NOx	1.287662
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		SOx	0.054118
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		TOG	21.56004
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		ROG	14.77527
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		CO2	5116.684
2028	Annual	Santa Clara	LHDT2	Gas			IDLEX		CH4	1.976243
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		HC	0.461287
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		CO	21.12417
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		NOx	30.29214
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		SOx	0.057918
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		PM	0.041264
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		TOG	0.665037
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		ROG	0.584174
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		CO2	6070.735
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		CH4	0.027133
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		PM10	0.041017
2028	Annual	Santa Clara	MHDT	Dsl			IDLEX		PM2_5	0.039242
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		HC	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		CO	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		NOx	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		SOx	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		PM	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		TOG	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		ROG	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		CO2	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		CH4	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		PM10	0
2028	Annual	Santa Clara	MHDT	Elec			IDLEX		PM2_5	0
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		HC	36.80522
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		CO	406.9545
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		NOx	2.103096
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		SOx	0.135606
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		TOG	39.84986
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		ROG	27.30944
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		CO2	12832.93
2028	Annual	Santa Clara	MHDT	Gas			IDLEX		CH4	3.38559
2028	Annual	Santa Clara	MHDT	NG			IDLEX		HC	40.98828
2028	Annual	Santa Clara	MHDT	NG			IDLEX		CO	89.74443
2028	Annual	Santa Clara	MHDT	NG			IDLEX		NOx	15.47814
2028	Annual	Santa Clara	MHDT	NG			IDLEX		PM	0.056372
2028	Annual	Santa Clara	MHDT	NG			IDLEX		TOG	40.9063
2028	Annual	Santa Clara	MHDT	NG			IDLEX		ROG	0.572688

calendar_y	season_m	sub_area	vehicle_cl	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_rate
2028	Annual	Santa Clar	MHDT	NG			IDLEX		CO2	11958.4
2028	Annual	Santa Clar	MHDT	NG			IDLEX		CH4	40.08169
2028	Annual	Santa Clar	MHDT	NG			IDLEX		PM10	0.050396
2028	Annual	Santa Clar	MHDT	NG			IDLEX		PM2_5	0.046338

https://www.baaqmd.gov/~/media/files/engineering/bact-tbact-workshop/combustion/96-1-5.pdf?la=en

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Best Available Control Technology (BACT) Guideline

Source Category

Source:	**IC Engine-Compression Ignition: Stationary Emergency, non-Agricultural, non-direct drive fire pump**	**Revision:**	**0**
		Document #:	**96.1.5**
Class:	**≥ 1000 BHP Output**	**Date:**	**12/22/2020***

Determination

Pollutant	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice 3. TBACT	TYPICAL TECHNOLOGY
POC (NMHC)	1. n/s[a] 2. 0.14 g/bhp-hr[b]	1. n/s[a] 2. Any engine certified or verified to achieve the applicable standard
NOx	1. n/s[a] 2. 0.5 g/bhp-hr[b]	1. n/s[a] 2. Any engine certified or verified to achieve the applicable standard
SO_2	1. n/s[a] 2. Fuel sulfur content not to exceed 0.0015% (wt) or 15 ppm (wt)	1. n/s[a] 2. CARB Diesel Fuel (Ultra Low Sulfur Diesel)
CO	1. n/s[a] 2. 2.6 g/bhp-hr[b]	1. n/s[a] 2. Any engine certified or verified to achieve the applicable standard
PM_{10}	1. n/s[a] 2. 0.02 g/bhp-hr[b] 3. 0.02 g/bhp-hr	1. n/s[a] 2. Any engine or technology demonstrated, certified or verified to achieve the applicable standard 3. Any engine or technology demonstrated, certified or verified to achieve the applicable standard
NPOC	1. n/s 2. n/s	1. n/s 2. n/s

* Applies to open permit applications with a complete date on or after 1/1/2020.

NMHC	0.14	g/bhp-hr
NOX	0.5	g/bhp-hr
PM10	0.02	g/bhp-hr

Kaiser San Jose

Estimated Generator Emissions - Operations

List of Assumptions/References/Notes

Annual O&M Use	50	hr/yr
Annual Non-O&M Use	100	hr/yr
Annual Total Use	150	hr/yr

Emissions Calculation Inputs

from RFI 4-6-23

Equip Type	# Equipment	Fuel Type	Horsepow	Tier
Standby Generator	3	Diesel	3356	IV

Emissions Calculations

	Engine Size	Load Factor	Emission Factors (g/hp-hr)							Emission Totals (lb/yr)						
Equipment Name	(hp)	(unitless)	ROG	NOX	PM10	PM2.5	CO2	CH4	N2O	ROG	NOX	PM10	PM2.5	CO2	CH4	N2O
Standy Generator 1	3356	0.74	0.14	0.5	0.02	0.02	521.64	0.021	0.004	115.0	410.6	16.4	16.4	428402.8	17.2	3.3
Standy Generator 2	3356	0.74	0.14	0.5	0.02	0.02	521.64	0.021	0.004	115.0	410.6	16.4	16.4	428402.8	17.2	3.3
Standy Generator 3	3356	0.74	0.14	0.5	0.02	0.02	521.64	0.021	0.004	115.0	410.6	16.4	16.4	428402.8	17.2	3.3
									Totals	**344.9**	**1231.9**	**49.3**	**49.3**	**1285208.5**	**51.7**	**9.9**

Kaiser San Jose
Truck Delivery Emissions Estimates
Emissions for the New Hospital only

List of Assumptions/References/Notes

Only diesel vehicles were considered in the HRA. Fuel fleet % are based on the EMFAC2021 for Santa Clara County in 2028
Current Kaiser San Jose delivery vehicle fleet mix and count are assumed to be directly proportional to the increase in square-footage of the New Hospital to the exiting hospital

Existing	250,000	sq ft
Proposed	685,000	sq ft
Increase Factor	2.74	

Emissions Calculation Inputs

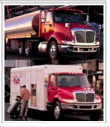
San Jose Hospital Diesel & Refrigerated Truck Deliveries - Current and Projected

3/20/2023

Truck Description	Count	UOM	EMFAC Vehicle Class	TRU %	TRU Type
US Foods (Refrigerator)	52	times per year	HHDT	100%	Instate Trailer
Sodexo Magic (Refrigerator)	365	times per year	HHDT	100%	Instate Trailer
Cafeteria (Refrigerator)	52	times per year	MHDT	100%	Instate Truck
Prudential Overall Supply	52	times per year	MHDT	0%	NA
Cintas	104	times per year	LHDT2	0%	NA
Cardinal	365	times per year	HHDT	0%	NA
Emerald	365	times per year	MHDT	0%	NA
Stericycle	312	times per year	HHDT	0%	NA
Republic	52	times per year	HHDT	0%	NA
All-Points	250	times per year	HHDT	0%	NA
Clean Harbors	52	times per year	MHDT	0%	NA
Praxair	310	times per year	MHDT	0%	NA
Matheson Gas	24	times per year	MHDT	0%	NA
Guy Brown	104	times per year	MHDT	0%	NA
Medline	52	times per year	HHDT	0%	NA
Fisher	52	times per year	MHDT	0%	NA
Alhambra Water	52	times per year	MHDT	0%	NA
UPS	260	times per year	LHDT2	0%	NA
Fed Ex	260	times per year	LHDT2	0%	NA
US Mail	260	times per year	LHDT1	0%	NA

On-site Truck Idling Duration	10	min	*5 minutes for arrival, 5 minutes for departure*
On-site TRU Run Duration	40	min	*no regulatory limitation on TRU idling*

Truck Types

LHDT1	Class 2b Heavy Duty Vehicles (8501-10,000 lbs. GVWR)	Utility vehicles, the largest SUVs, many "Dually" pickups, and some heavy duty vans	
LHDT2	Class 3 Heavy Duty Vehicles (10,001-14,000 lbs. GVWR)	Multi-stop vehicles and motorhomes	
MHDT	Class 7 Heavy Duty Vehicles (26,001-33,000 lbs. GVWR)	Fuel trucks, dump trucks, and beverage delivery	
HHDT	Class 8a Heavy Duty Vehicles (33,001-60,000 lbs. GVWR)	Tractor trailer trucks (single)	

Emissions Calculations

On-site Idling Emissions

EMFAC Vehicle Class	Trip/year	hour/year	Fleet % Diesel	DPM EF (g/hr)	$PM_{2.5}$ EF (g/hr)	DPM (lb/yr)	$PM_{2.5}$ (lb/yr)
LHDT1	713	118.8	35%	0.7991	0.7646	0.0729	0.2003
LHDT2	1710	285.0	66%	0.8158	0.7805	0.3359	0.4904
MHDT	2913	485.5	80%	0.0410	0.0373	0.0353	0.0399
HHDT	3968	661.3	92%	0.0126	0.0127	0.0170	0.0185
					Total	0.4610	0.7492

On-site TRU Idling Emissions

EMFAC Vehicle Class	Trip/year	hour/year	Fleet % Diesel	DPM EF (g/hr)	$PM_{2.5}$ EF (g/hr)	DPM (lb/yr)	$PM_{2.5}$ (lb/yr)
Instate Trailer	1143	762.0	100%	0.5741	0.5282	0.9644	0.8874
Instate Truck	143	95.3	100%	1.8159	1.6702	0.3817	0.3510
					Total	1.3461	1.2384

Kaiser San Jose
Estimated Mobile Source Emissions - Operations

List of Assumptions/References/Notes
see traffic study

Emissions Calculation Inputs

Table 4-2: Hospital VMT Analysis Results

Metric	Existing No Project	Existing Plus Hospital	Absolute Difference	Percent Difference	Exceed VMT Threshold?
Daily Work VMT from Employees	228,928	229,412	484	0.21%	yes
Daily Other VMT from Patients and Visitors	73,883	74,387	504	0.68%	yes
Total Daily Hospital VMT	302,811	303,799	988	0.33%	n/a
Number of Hospital Employees	15,063	15,063	0	0.00%	n/a
Daily Work VMT/Job	15.2	15.23	0.03	0.20%	n/a
Daily Other VMT/Job	4.9	4.94	0.04	0.82%	n/a
Daily VMT/Job	20.1	20.17	0.07	0.35%	n/a

Notes:

1. The region is defined as the County of Santa Clara.

Table 4-3: Hospital and MOB VMT Analysis Results

Metric	Existing No Project	Existing Plus Hospital and MOB	Absolute Difference	Percent Difference	Exceed VMT Threshold?
Daily Work VMT from Employees	228,928	230,358	1,430	0.62%	yes
Daily Other VMT from Patients and Visitors	73,883	75,253	1,370	1.85%	yes
Total Daily Hospital VMT	302,811	305,611	2,800	0.92%	n/a
Number of Hospital Employees	15,063	15,063	0	0.00%	n/a
Daily Work VMT/Job	15.2	15.29	0.09	0.59%	n/a
Daily Other VMT/Job	4.9	5	0.1	2.04%	n/a
Daily VMT/Job	20.1	20.29	0.19	0.95%	n/a

Notes:

1. The region is defined as the County of Santa Clara.

Source: City of San José Model, August 2023.

Emissions Calculations

	Emission Factors (lb/vmt)							Emission Totals (lb/yr)						
Scenario Name	ROG	NOX	PM10	PM2.5	CO2	CH4	N2O	ROG	NOX	PM10	PM2.5	CO2	CH4	N2O
Hospital VMT Analysis Results	2.80E-04	3.31E-04	3.48E-04	6.32E-05	7.21E-01	2.96E-05	3.67E-05	101.1	119.2	125.5	22.8	260042.9	10.7	13.2
Hospital and MOB VMT Analysis Results	2.58E-04	2.98E-04	3.47E-04	6.28E-05	6.92E-01	2.72E-05	3.48E-05	263.6	304.9	355.1	64.2	707525.6	27.8	35.5

	Emission Totals (ppd)							Emission Totals (tpy)						
Scenario Name	ROG	NOX	PM10	PM2.5	CO2	CH4	N2O	ROG	NOX	PM10	PM2.5	CO2	CH4	N2O
Hospital VMT Analysis Results	0.28	0.33	0.34	0.06	712.45	0.03	0.04	0.05	0.06	0.06	0.01	130.02	0.01	0.01
Hospital and MOB VMT Analysis Results	0.72	0.84	0.97	0.18	1938.43	0.08	0.10	0.13	0.15	0.18	0.03	353.76	0.01	0.02

Kaiser San Jose

Estimated Area Source Emissions - Operations

List of Assumptions/References/Notes

see CalEEMod

Emissions Calculation Inputs

see CalEEMod

Emissions Calculations

Existing Hospital

Scenario Name	Emission Totals (lb/yr)				Emission Totals (tpy)			
	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
Consumer Products	1953.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00
Architectural Coatings	260.80	0.00	0.00	0.00	0.13	0.00	0.00	0.00
Landscape Equipment	496.00	29.59	7.45	5.63	0.25	0.01	0.00	0.00

New Hospital

Scenario Name	Emission Totals (lb/yr)				Emission Totals (tpy)			
	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
Consumer Products	5627.64	0.00	0.00	0.00	2.81	0.00	0.00	0.00
Architectural Coatings	757.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00
Landscape Equipment	1465.11	75.05	15.84	11.98	0.73	0.04	0.01	0.01

Net New

Scenario Name	Emission Totals (ppd)				Emission Totals (tpy)			
	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
Consumer Products	10.07	0.00	0.00	0.00	1.84	0.00	0.00	0.00
Architectural Coatings	1.36	0.00	0.00	0.00	0.25	0.00	0.00	0.00
Landscape Equipment	2.66	0.12	0.02	0.02	0.48	0.02	0.00	0.00

Kaiser San José
Health Risk Assessment

Kaiser San José
Summary of Health Risk Assessment Results

Construction

Receptor	Cancer Risk			HI & $PM_{2.5}$ Concentration		HI	Annual $PM_{2.5}$ Concentration
	UTM X	UTM Y	(# in one million)	UTM X	UTM Y	(unitless)	($\mu g/m^3$)
Unmitigated							
Resident - child	606072	4122060	**19.58**	606512	4122120	0.075	**0.532**
Worker	606292	4122000	3.20	606352	4122200	0.073	**0.560**
School	606832	4121580	1.15	606912	4121640	0.002	0.009
Daycare	606672	4122160	**27.86**	606672	4122160	0.026	0.123
Mitigated							
Resident - child	606072	4122060	2.53	606512	4122120	0.010	0.168
Worker	606292	4122000	0.51	606352	4122200	0.010	0.190
School	606832	4121580	0.18	606912	4121640	0.000	0.003
Daycare	606652	4122160	2.02	606672	4122160	0.002	0.009

Operation

Receptor	UTM X	UTM Y	Cancer Risk	HI & $PM_{2.5}$ Concentration		HI	Annual $PM_{2.5}$ Concentration
			(# in one million)	UTM X	UTM Y	(unitless)	($\mu g/m^3$)
Resident - child	606472	4121800	5.61	606472	4121800	0.002	0.008
Worker	606452	4121880	1.27	606452	4121880	0.001	0.005
School	606832	4121580	1.23	606832	4121580	0.000	0.002
Daycare	606052	4121880	1.65	606052	4121880	0.000	0.001

Construction + Operation

Receptor	UTM X	UTM Y	Cancer Risk	HI & $PM_{2.5}$ Concentration		HI	Annual $PM_{2.5}$ Concentration
			(# in one million)	UTM X	UTM Y	(unitless)	($\mu g/m^3$)
Unmitigated							
Resident - child	606072	4122060	**19.84**	606072	4121800	0.075	**0.532**
Worker	606292	4122000	4.46	606512	4121800	0.073	**0.560**
School	606832	4121580	1.83	606512	4121800	0.002	0.009
Daycare	606672	4122160	**27.99**	606672	4122160	0.026	0.123
Mitigated							
Resident - child	606072	4122060	2.79	606512	4122120	0.010	0.168
Worker	606292	4122000	1.77	606352	4122200	0.010	0.190
School	606832	4121580	0.86	606912	4121640	0.000	0.003
Daycare	606652	4122160	2.15	606672	4122160	0.002	0.009

Kaiser San José
Construction Health Risk Assessment

Particulate Matter Emissions Summary

Construction

Source	AERMOD Source	Construction Year	Start Date	End Date	Unmitigated (tpy)		Tier 4 (tpy)	
					DPM	$PM_{2.5}$	DPM	$PM_{2.5}$
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	0.012	0.011	0.001	0.001
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	0.000	0.000	0.000	0.000
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	0.065	0.061	0.009	0.009
		2026	1/1/2026	12/31/2026	0.061	0.057	0.010	0.010
		2027	1/1/2027	12/31/2027	0.039	0.036	0.007	0.007
		2028	1/1/2028	3/15/2028	0.005	0.005	0.001	0.001
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	0.000	0.050	0.000	0.029
		2026	1/1/2026	12/31/2026	0.000	0.000	0.000	0.000
		2027	1/1/2027	12/31/2027	0.000	0.003	0.000	0.001
		2028	1/1/2028	3/15/2028	0.000	0.000	0.000	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	0.049	0.045	0.007	0.007
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	0.000	0.020	0.000	0.012
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	0.00000	0.00000	0.00000	0.00000
		2025	2/3/2025	12/31/2025	0.00032	0.00108	0.00032	0.00108
		2026	1/1/2026	12/31/2026	0.00009	0.00034	0.00009	0.00034
		2027	1/1/2027	12/31/2027	0.00006	0.00025	0.00006	0.00025
		2028	1/1/2028	3/15/2028	0.00003	0.00012	0.00003	0.00012

Modeled trip length =	866.5	m
Worker trip modeled fraction	0.046	
Vendor trip modeled fraction	0.0641	
Haul trip modeled fraction	0.0269	

Kaiser San José
Construction Health Risk Calculations - Residential Unmitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

					Exposure Duration (Days)						DPM		$PM_{2.5}$	
			Start Date		10/1/2024	12/31/2024	1/1/2027				Emissions (tons)	Emission Rate (g/s)	Emissions (tons)	Emission Rate (g/s)
			Stop Date		12/30/2024	12/31/2026								
Source	AERMOD Source	Year	Start Date	End Date	3rd Trimester	0<2	2<16	Exposure Duration	Calendar Days	Workdays	Uncontrolled	Uncontrolled	Uncontrolled	Uncontrolled
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.01	0.005	0.01	0.004
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	0	332	0	331	331	238	0.07	0.007	0.06	0.006
	PAREA1	2026	1/1/2026	12/31/2026	0	365	0	364	364	261	0.06	0.006	0.06	0.005
	PAREA1	2027	1/1/2027	12/31/2027	0	0	364	364	364	261	0.04	0.004	0.04	0.003
	PAREA1	2028	1/1/2028	3/15/2028	0	0	74	74	74	53	0.01	0.003	0.00	0.002
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	0	332	0	331	331	238	0.00	0.000	0.05	0.005
	PAREA2	2026	1/1/2026	12/31/2026	0	365	0	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2027	1/1/2027	12/31/2027	0	0	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2028	1/1/2028	3/15/2028	0	0	74	74	74	53	0.00	0.000	0.00	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	0	0	123	123	123	88	0.05	0.014	0.05	0.013
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	0	0	123	123	123	88	0.00	0.000	0.02	0.006
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
	SLINE1	2025	2/3/2025	12/31/2025	0	332	0	331	331	238	0.00	0.000	0.00	0.000
	SLINE1	2026	1/1/2026	12/31/2026	0	365	0	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2027	1/1/2027	12/31/2027	0	0	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2028	1/1/2028	3/15/2028	0	0	74	74	74	53	0.00	0.000	0.00	0.000

Cancer Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<16	
Daily Breathing Rate	DBR	L/kg-day	361	1090	572	
Fraction Of Time At Home	FAH	unitless	1	1	1	Daycare unmitigated risk is at 1
Exposure Frequency	EF	days/year	0.96	0.96	0.96	
Age Sensitivity Factor	ASF	unitless	10	10	3	
Inhalation Absorption Factor	A	unitless	1	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February 2015
Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).
Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.
Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF ($m^3/kg\text{-}day$) = DBR*FAH*EF*ED*ASF*A*CF/AT

AERMOD Source	3rd Trimester	0<2	2<16
PAREA6	0.012	0.000	0.000
PAREA7	0.012	0.000	0.000
PAREA1	0.000	0.136	0.000
PAREA1	0.000	0.149	0.000
PAREA1	0.000	0.000	0.023
PAREA1	0.000	0.000	0.005
PAREA2	0.000	0.136	0.000
PAREA2	0.000	0.149	0.000
PAREA2	0.000	0.000	0.023
PAREA2	0.000	0.000	0.005
PAREA3	0.000	0.000	0.008
PAREA4	0.000	0.000	0.008
SLINE1	0.012	0.000	0.000
SLINE1	0.000	0.136	0.000
SLINE1	0.000	0.149	0.000
SLINE1	0.000	0.000	0.023
SLINE1	0.000	0.000	0.005

Risk Calculation Part 1, R1 = IF*CPF*CF

3rd Trimester	0<2	2<16
1.36E-05	0.00E+00	0.00E+00
1.36E-05	0.00E+00	0.00E+00
0.00E+00	1.49E-04	0.00E+00
0.00E+00	1.64E-04	0.00E+00
0.00E+00	0.00E+00	2.58E-05
0.00E+00	0.00E+00	5.24E-06
0.00E+00	1.49E-04	0.00E+00
0.00E+00	1.64E-04	0.00E+00
0.00E+00	0.00E+00	2.58E-05
0.00E+00	0.00E+00	5.24E-06
0.00E+00	0.00E+00	8.71E-06
0.00E+00	0.00E+00	8.71E-06
1.36E-05	0.00E+00	0.00E+00
0.00E+00	1.49E-04	0.00E+00
0.00E+00	1.64E-04	0.00E+00
0.00E+00	0.00E+00	2.58E-05
0.00E+00	0.00E+00	5.24E-06

MEIR - Resident Infant	Cancer Risk	UTM X	UTM Y		HI	UTM X	UTM Y		$PM_{2.5}$ Conc.	UTM X	UTM Y	
	19.58	606072.2	4122060.0		0.0748	606512.2	4122120.0		0.532	606512.2	4122120.0	Residence

Annual $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																	$PM_{2.5}$ Conc.
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	$\mu g/m^3$
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	Max. Annual
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
606512.2	4122120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.532

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																	Risk Calculation Part 2 Cancer Risk = $\sum$R1*C_{DPM}		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	3rd Trimester	0<2	2<9
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
605632	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.40E-10	7.73E-08	6.21E-09
605652	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.44E-10	7.82E-08	6.26E-09
605672	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.47E-10	7.92E-08	6.33E-09
605692	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.50E-10	8.02E-08	6.39E-09
605712	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-10	8.14E-08	6.47E-09
605732	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-10	8.26E-08	6.54E-09
605752	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-10	8.40E-08	6.63E-09
605772	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-10	8.56E-08	6.74E-09
605792	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.65E-10	8.74E-08	6.85E-09
605812	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.68E-10	8.95E-08	6.98E-09
605832	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.71E-10	9.18E-08	7.13E-09
605852	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.74E-10	9.44E-08	7.31E-09
605872	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-10	9.74E-08	7.51E-09
605892	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.84E-10	1.01E-07	7.72E-09
605912	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.89E-10	1.04E-07	7.97E-09
605932	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.96E-10	1.08E-07	8.26E-09
605952	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-10	1.13E-07	8.57E-09
605972	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.14E-10	1.18E-07	8.92E-09
605992	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-10	1.24E-07	9.30E-09
606012	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.40E-10	1.30E-07	9.72E-09

606032	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-10	1.36E-07	1.02E-08
606052	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-10	1.44E-07	1.07E-08
606072	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.97E-10	1.52E-07	1.13E-08
606092	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.61E-07	1.19E-08
606112	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.71E-07	1.26E-08
606132	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.82E-07	1.33E-08
606152	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.93E-07	1.41E-08
606172	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	2.07E-07	1.49E-08
606192	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	2.21E-07	1.58E-08
606212	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	2.37E-07	1.69E-08
606232	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.55E-07	1.80E-08
606252	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.74E-07	1.92E-08
606272	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	2.95E-07	2.05E-08
606292	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	3.18E-07	2.19E-08
606312	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	3.43E-07	2.35E-08
606332	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	3.71E-07	2.52E-08
606352	4121420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	4.00E-07	2.70E-08
606372	4121420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	4.31E-07	2.89E-08
606392	4121420	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	4.64E-07	3.10E-08
606412	4121420	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	4.98E-07	3.32E-08
606432	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	5.33E-07	3.54E-08
606452	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	5.72E-07	3.79E-08
606472	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	6.11E-07	4.04E-08
606492	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	6.49E-07	4.29E-08
606512	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-09	6.86E-07	4.52E-08
606532	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-09	7.23E-07	4.77E-08
606552	4121420	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-09	7.62E-07	5.03E-08
606572	4121420	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	8.00E-07	5.29E-08
606592	4121420	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	8.32E-07	5.51E-08
606612	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-09	8.65E-07	5.74E-08
606632	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	8.97E-07	5.97E-08
606652	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-09	9.26E-07	6.19E-08
606672	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	9.53E-07	6.39E-08
606692	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	9.77E-07	6.58E-08
606712	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-09	9.98E-07	6.76E-08
606732	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-09	1.02E-06	6.92E-08
606752	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	1.03E-06	7.06E-08
606772	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-09	1.04E-06	7.19E-08
606792	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-09	1.05E-06	7.29E-08
606812	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-09	1.06E-06	7.37E-08
606832	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-09	1.06E-06	7.44E-08
606852	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-09	1.06E-06	7.49E-08
606872	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-09	1.05E-06	7.53E-08
606892	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-09	1.05E-06	7.54E-08
606912	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-09	1.03E-06	7.53E-08
606932	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-09	1.02E-06	7.51E-08
606952	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	1.01E-06	7.50E-08
606972	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-09	9.90E-07	7.43E-08
606992	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-09	9.69E-07	7.36E-08
607012	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-09	9.48E-07	7.28E-08
607032	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-09	9.28E-07	7.22E-08
607052	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-09	9.03E-07	7.12E-08
605632	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.69E-10	8.18E-08	6.54E-09
605652	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.72E-10	8.28E-08	6.60E-09
605672	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.76E-10	8.39E-08	6.67E-09
605692	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-10	8.50E-08	6.74E-09
605712	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-10	8.61E-08	6.81E-09
605732	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-10	8.75E-08	6.89E-09
605752	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.90E-10	8.90E-08	6.99E-09
605772	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-10	9.06E-08	7.09E-09
605792	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-10	9.25E-08	7.21E-09
605812	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-10	9.46E-08	7.35E-09
605832	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.03E-10	9.70E-08	7.50E-09
605852	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.07E-10	9.97E-08	7.68E-09
605872	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-10	1.03E-07	7.88E-09
605892	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-10	1.06E-07	8.11E-09
605912	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.21E-10	1.10E-07	8.37E-09
605932	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-10	1.14E-07	8.66E-09
605952	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-10	1.19E-07	8.99E-09
605972	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-10	1.25E-07	9.35E-09
605992	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-10	1.31E-07	9.76E-09
606012	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-10	1.37E-07	1.02E-08
606032	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-10	1.44E-07	1.07E-08
606052	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-09	1.52E-07	1.12E-08
606072	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.61E-07	1.18E-08
606092	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.71E-07	1.25E-08
606112	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.82E-07	1.33E-08
606132	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.94E-07	1.41E-08
606152	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	2.07E-07	1.49E-08
606172	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	2.22E-07	1.59E-08
606192	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-09	2.39E-07	1.69E-08
606212	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	2.57E-07	1.81E-08
606232	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	2.77E-07	1.93E-08
606252	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	2.99E-07	2.07E-08
606272	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	3.22E-07	2.22E-08
606292	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	3.49E-07	2.38E-08
606312	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	3.78E-07	2.56E-08
606332	4121440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	4.08E-07	2.75E-08
606352	4121440	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	4.41E-07	2.95E-08
606372	4121440	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	4.77E-07	3.17E-08
606392	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	5.14E-07	3.41E-08
606412	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-09	5.54E-07	3.66E-08
606432	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	5.96E-07	3.92E-08
606452	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	6.41E-07	4.21E-08
606472	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	6.84E-07	4.48E-08
606492	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	7.26E-07	4.75E-08
606512	4121440	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	7.71E-07	5.04E-08
606532	4121440	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-09	8.15E-07	5.33E-08
606552	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-09	8.57E-07	5.61E-08
606572	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-09	8.96E-07	5.87E-08
606592	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-09	9.33E-07	6.13E-08
606612	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-09	9.69E-07	6.39E-08
606632	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-09	1.00E-06	6.63E-08
606652	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-09	1.03E-06	6.86E-08
606672	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-09	1.06E-06	7.07E-08
606692	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-09	1.08E-06	7.26E-08
606712	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-09	1.10E-06	7.45E-08

606732	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-09	1.12E-06	7.61E-08
606752	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-09	1.13E-06	7.74E-08
606772	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-09	1.14E-06	7.86E-08
606792	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-09	1.15E-06	7.96E-08
606812	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-09	1.15E-06	8.03E-08
606832	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-09	1.15E-06	8.08E-08
606852	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-09	1.14E-06	8.11E-08
606872	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-09	1.13E-06	8.11E-08
606892	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-09	1.12E-06	8.10E-08
606912	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-09	1.10E-06	8.07E-08
606932	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.68E-09	1.09E-06	8.01E-08
606952	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.94E-09	1.07E-06	7.97E-08
606972	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-09	1.04E-06	7.87E-08
606992	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-09	1.02E-06	7.77E-08
607012	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.64E-09	9.89E-07	7.67E-08
607032	4121440	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.89E-09	9.62E-07	7.57E-08
607052	4121440	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-09	9.35E-07	7.46E-08
605632	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.99E-10	8.68E-08	6.89E-09
605652	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.02E-10	8.79E-08	6.96E-09
605672	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.06E-10	8.90E-08	7.04E-09
605692	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-10	9.02E-08	7.12E-09
605712	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-10	9.15E-08	7.19E-09
605732	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.19E-10	9.29E-08	7.29E-09
605752	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.22E-10	9.46E-08	7.39E-09
605772	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-10	9.64E-08	7.50E-09
605792	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.30E-10	9.84E-08	7.63E-09
605812	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.33E-10	1.01E-07	7.77E-09
605832	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-10	1.03E-07	7.93E-09
605852	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-10	1.06E-07	8.12E-09
605872	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-10	1.09E-07	8.32E-09
605892	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-10	1.13E-07	8.56E-09
605912	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.55E-10	1.17E-07	8.83E-09
605932	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.61E-10	1.21E-07	9.13E-09
605952	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-10	1.27E-07	9.48E-09
605972	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.77E-10	1.32E-07	9.86E-09
605992	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.88E-10	1.39E-07	1.03E-08
606012	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-09	1.46E-07	1.08E-08
606032	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.53E-07	1.13E-08
606052	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.62E-07	1.19E-08
606072	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.72E-07	1.25E-08
606092	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.83E-07	1.33E-08
606112	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.95E-07	1.41E-08
606132	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	2.09E-07	1.50E-08
606152	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	2.24E-07	1.60E-08
606172	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.40E-07	1.70E-08
606192	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	2.59E-07	1.82E-08
606212	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	2.80E-07	1.95E-08
606232	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	3.03E-07	2.09E-08
606252	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	3.28E-07	2.25E-08
606272	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	3.56E-07	2.42E-08
606292	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	3.86E-07	2.61E-08
606312	4121460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	4.19E-07	2.81E-08
606332	4121460	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	4.54E-07	3.03E-08
606352	4121460	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	4.93E-07	3.26E-08
606372	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	5.33E-07	3.51E-08
606392	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	5.77E-07	3.79E-08
606412	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	6.23E-07	4.07E-08
606432	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	6.71E-07	4.37E-08
606452	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	7.22E-07	4.69E-08
606472	4121460	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	7.68E-07	4.98E-08
606492	4121460	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	8.16E-07	5.29E-08
606512	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	8.66E-07	5.62E-08
606532	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-09	9.16E-07	5.94E-08
606552	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-09	9.65E-07	6.27E-08
606572	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-09	1.01E-06	6.58E-08
606592	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	1.05E-06	6.87E-08
606612	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-09	1.09E-06	7.15E-08
606632	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	1.13E-06	7.40E-08
606652	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-09	1.16E-06	7.64E-08
606672	4121460	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-09	1.19E-06	7.86E-08
606692	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-09	1.21E-06	8.06E-08
606712	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-09	1.23E-06	8.24E-08
606732	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-09	1.24E-06	8.39E-08
606752	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-09	1.25E-06	8.52E-08
606772	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-09	1.26E-06	8.63E-08
606792	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-09	1.26E-06	8.70E-08
606992	4121460	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-09	1.06E-06	8.19E-08
607012	4121460	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-09	1.03E-06	8.06E-08
607032	4121460	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-09	9.94E-07	7.92E-08
607052	4121460	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.66E-09	9.62E-07	7.79E-08
605632	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-10	9.22E-08	7.28E-09
605652	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-10	9.35E-08	7.36E-09
605672	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-10	9.47E-08	7.44E-09
605692	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.44E-10	9.61E-08	7.53E-09
605712	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.49E-10	9.74E-08	7.61E-09
605732	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.53E-10	9.91E-08	7.72E-09
605752	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.57E-10	1.01E-07	7.83E-09
605772	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.61E-10	1.03E-07	7.95E-09
605792	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.65E-10	1.05E-07	8.08E-09
605812	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.70E-10	1.07E-07	8.23E-09
605832	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-10	1.10E-07	8.40E-09
605852	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.77E-10	1.13E-07	8.59E-09
605872	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-10	1.16E-07	8.80E-09
605892	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.86E-10	1.20E-07	9.05E-09
605912	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.92E-10	1.24E-07	9.33E-09
605932	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.98E-10	1.29E-07	9.65E-09
605952	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-09	1.35E-07	1.00E-08
605972	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	1.41E-07	1.04E-08
605992	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.48E-07	1.09E-08
606012	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.55E-07	1.14E-08
606032	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.64E-07	1.20E-08
606052	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.73E-07	1.26E-08
606072	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	1.84E-07	1.33E-08
606092	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.96E-07	1.41E-08
606112	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	2.09E-07	1.50E-08
606132	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	2.24E-07	1.59E-08
606152	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	2.41E-07	1.70E-08

606172	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	2.60E-07	1.82E-08
606192	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.81E-07	1.96E-08
606212	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.34E-09	3.05E-07	2.11E-08
606232	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.39E-09	3.31E-07	2.27E-08
606252	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.45E-09	3.60E-07	2.45E-08
606272	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.50E-09	3.92E-07	2.64E-08
606292	4121480	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.56E-09	4.28E-07	2.86E-08
606312	4121480	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.63E-09	4.66E-07	3.09E-08
606332	4121480	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.69E-09	5.07E-07	3.34E-08
606352	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.76E-09	5.52E-07	3.62E-08
606372	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.82E-09	5.99E-07	3.91E-08
606392	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.89E-09	6.50E-07	4.22E-08
606412	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.95E-09	7.05E-07	4.56E-08
606432	4121480	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.02E-09	7.61E-07	4.91E-08
606452	4121480	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.10E-09	8.16E-07	5.25E-08
606472	4121480	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.17E-09	8.71E-07	5.60E-08
606492	4121480	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.25E-09	9.26E-07	5.95E-08
606512	4121480	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.34E-09	9.81E-07	6.30E-08
606532	4121480	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.44E-09	1.04E-06	6.66E-08
606552	4121480	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.56E-09	1.09E-06	7.02E-08
606572	4121480	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.68E-09	1.14E-06	7.35E-08
606592	4121480	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.81E-09	1.18E-06	7.67E-08
606612	4121480	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.95E-09	1.23E-06	7.98E-08
606632	4121480	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.10E-09	1.27E-06	8.27E-08
606652	4121480	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.26E-09	1.30E-06	8.53E-08
606672	4121480	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.43E-09	1.33E-06	8.76E-08
606692	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.61E-09	1.35E-06	8.96E-08
606712	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.80E-09	1.37E-06	9.13E-08
606732	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.01E-09	1.38E-06	9.26E-08
606752	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.21E-09	1.38E-06	9.36E-08
606772	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.44E-09	1.38E-06	9.44E-08
606792	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.67E-09	1.37E-06	9.48E-08
606992	4121480	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.39E-09	1.10E-06	8.59E-08
607012	4121480	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.69E-09	1.06E-06	8.45E-08
607032	4121480	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.97E-09	1.02E-06	8.28E-08
607052	4121480	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	8.24E-09	9.84E-07	8.11E-08
605632	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.62E-10	9.83E-08	7.71E-09
605652	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-10	9.96E-08	7.80E-09
605672	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-10	1.01E-07	7.89E-09
605692	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-10	1.02E-07	7.98E-09
605712	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-10	1.04E-07	8.08E-09
605732	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.89E-10	1.06E-07	8.19E-09
605752	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.94E-10	1.08E-07	8.31E-09
605772	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-10	1.09E-07	8.42E-09
605792	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-09	1.12E-07	8.56E-09
605812	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	1.14E-07	8.71E-09
605832	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	1.17E-07	8.88E-09
605852	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.20E-07	9.08E-09
605872	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.24E-07	9.31E-09
605892	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.27E-07	9.56E-09
605912	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.32E-07	9.85E-09
605932	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.37E-07	1.02E-08
605952	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.43E-07	1.06E-08
605972	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.50E-07	1.10E-08
605992	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.57E-07	1.15E-08
606012	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.66E-07	1.21E-08
606032	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	1.75E-07	1.27E-08
606052	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.84E-07	1.33E-08
606072	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.96E-07	1.41E-08
606092	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	2.10E-07	1.50E-08
606112	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	2.25E-07	1.60E-08
606132	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	2.41E-07	1.70E-08
606152	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	2.60E-07	1.82E-08
606172	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	2.82E-07	1.96E-08
606192	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.32E-09	3.05E-07	2.11E-08
606212	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.37E-09	3.32E-07	2.28E-08
606232	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.43E-09	3.63E-07	2.46E-08
606252	4121500	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.49E-09	3.96E-07	2.66E-08
606272	4121500	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.55E-09	4.33E-07	2.89E-08
606292	4121500	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.61E-09	4.74E-07	3.14E-08
606312	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.68E-09	5.18E-07	3.40E-08
606332	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.75E-09	5.67E-07	3.70E-08
606352	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.82E-09	6.19E-07	4.02E-08
606372	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.89E-09	6.74E-07	4.35E-08
606392	4121500	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.96E-09	7.34E-07	4.72E-08
606432	4121500	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.11E-09	8.65E-07	5.53E-08
606452	4121500	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.18E-09	9.32E-07	5.94E-08
606472	4121500	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.27E-09	9.97E-07	6.35E-08
606492	4121500	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.36E-09	1.06E-06	6.74E-08
606512	4121500	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.46E-09	1.12E-06	7.14E-08
606532	4121500	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.56E-09	1.18E-06	7.52E-08
606552	4121500	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.68E-09	1.24E-06	7.90E-08
606572	4121500	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.81E-09	1.29E-06	8.27E-08
606592	4121500	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.95E-09	1.34E-06	8.62E-08
606612	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.10E-09	1.38E-06	8.94E-08
606632	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.27E-09	1.42E-06	9.23E-08
606652	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.44E-09	1.45E-06	9.49E-08
606672	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.63E-09	1.48E-06	9.72E-08
606692	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.82E-09	1.50E-06	9.90E-08
606712	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.03E-09	1.51E-06	1.01E-07
606732	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.25E-09	1.51E-06	1.02E-07
606752	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.48E-09	1.51E-06	1.02E-07
606772	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.72E-09	1.50E-06	1.03E-07
606792	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.99E-09	1.49E-06	1.03E-07
606992	4121500	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.97E-09	1.13E-06	8.99E-08
607012	4121500	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	8.27E-09	1.09E-06	8.79E-08
607032	4121500	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	8.57E-09	1.04E-06	8.60E-08
607052	4121500	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	8.89E-09	1.00E-06	8.41E-08
605632	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.97E-10	1.05E-07	8.18E-09
605652	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-09	1.07E-07	8.28E-09
605672	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	1.08E-07	8.39E-09
605692	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.10E-07	8.49E-09
605712	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.11E-07	8.60E-09
605732	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.13E-07	8.72E-09
605752	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.15E-07	8.84E-09
605772	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.17E-07	8.97E-09
605792	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.20E-07	9.11E-09

605812	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.22E-07	9.27E-09
605832	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.25E-07	9.46E-09
605852	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.29E-07	9.67E-09
605872	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.32E-07	9.91E-09
605892	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.37E-07	1.02E-08
605912	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.41E-07	1.05E-08
605932	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.47E-07	1.08E-08
605952	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	1.53E-07	1.12E-08
605972	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.60E-07	1.17E-08
605992	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.68E-07	1.22E-08
606012	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.78E-07	1.28E-08
606032	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	1.88E-07	1.35E-08
606052	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	1.98E-07	1.42E-08
606072	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	2.11E-07	1.50E-08
606092	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	2.26E-07	1.60E-08
606112	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.43E-07	1.71E-08
606132	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	2.62E-07	1.83E-08
606152	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	2.84E-07	1.97E-08
606172	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	3.09E-07	2.12E-08
606192	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	3.36E-07	2.29E-08
606212	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	3.68E-07	2.49E-08
606232	4121520	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	4.02E-07	2.70E-08
606252	4121520	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	4.42E-07	2.94E-08
606272	4121520	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	4.83E-07	3.19E-08
606292	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	5.31E-07	3.48E-08
606312	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	5.85E-07	3.80E-08
606332	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-09	6.43E-07	4.15E-08
606352	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	7.05E-07	4.52E-08
606372	4121520	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	7.72E-07	4.93E-08
606432	4121520	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	9.88E-07	6.25E-08
606452	4121520	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-09	1.06E-06	6.71E-08
606472	4121520	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-09	1.14E-06	7.19E-08
606492	4121520	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	1.22E-06	7.68E-08
606512	4121520	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	1.29E-06	8.15E-08
606532	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-09	1.36E-06	8.58E-08
606552	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-09	1.42E-06	8.99E-08
606572	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-09	1.47E-06	9.38E-08
606592	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	1.52E-06	9.74E-08
606612	4121520	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-09	1.57E-06	1.01E-07
606632	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-09	1.60E-06	1.04E-07
606652	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-09	1.63E-06	1.06E-07
606672	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	1.65E-06	1.08E-07
606692	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-09	1.67E-06	1.10E-07
606712	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-09	1.67E-06	1.11E-07
606732	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-09	1.67E-06	1.12E-07
606752	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-09	1.66E-06	1.12E-07
606772	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-09	1.64E-06	1.12E-07
606792	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-09	1.61E-06	1.12E-07
606852	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-09	1.51E-06	1.08E-07
606872	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-09	1.46E-06	1.07E-07
606892	4121520	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.95E-09	1.42E-06	1.05E-07
606912	4121520	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-09	1.37E-06	1.03E-07
606932	4121520	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	1.32E-06	1.01E-07
606992	4121520	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.60E-09	1.16E-06	9.37E-08
607012	4121520	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.93E-09	1.11E-06	9.13E-08
607032	4121520	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-09	1.06E-06	8.90E-08
607052	4121520	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.60E-09	1.01E-06	8.69E-08
605632	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.12E-07	8.70E-09
605652	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.14E-07	8.81E-09
605672	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.16E-07	8.92E-09
605692	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	1.18E-07	9.04E-09
605712	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.20E-07	9.17E-09
605732	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.22E-07	9.30E-09
605752	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.24E-07	9.44E-09
605772	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.26E-07	9.58E-09
605792	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	1.29E-07	9.75E-09
605812	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	1.32E-07	9.91E-09
605832	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.35E-07	1.01E-08
605852	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.39E-07	1.04E-08
605872	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.42E-07	1.06E-08
605892	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.47E-07	1.09E-08
605912	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.52E-07	1.12E-08
605932	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	1.58E-07	1.16E-08
605952	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	1.65E-07	1.20E-08
605972	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	1.72E-07	1.25E-08
605992	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	1.81E-07	1.30E-08
606012	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.91E-07	1.37E-08
606032	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	2.02E-07	1.44E-08
606052	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	2.14E-07	1.51E-08
606072	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.27E-07	1.60E-08
606092	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-09	2.44E-07	1.71E-08
606112	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	2.64E-07	1.84E-08
606132	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	2.85E-07	1.97E-08
606152	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	3.09E-07	2.12E-08
606172	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	3.38E-07	2.30E-08
606192	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	3.69E-07	2.50E-08
606212	4121540	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	4.05E-07	2.72E-08
606232	4121540	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	4.47E-07	2.97E-08
606252	4121540	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	4.93E-07	3.24E-08
606272	4121540	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	5.43E-07	3.54E-08
606292	4121540	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-09	6.00E-07	3.88E-08
606312	4121540	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	6.62E-07	4.25E-08
606332	4121540	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	7.31E-07	4.67E-08
606352	4121540	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	8.05E-07	5.11E-08
606472	4121540	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-09	1.31E-06	8.21E-08
606492	4121540	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-09	1.40E-06	8.75E-08
606512	4121540	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-09	1.48E-06	9.27E-08
606532	4121540	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-09	1.56E-06	9.78E-08
606552	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-09	1.63E-06	1.03E-07
606572	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-09	1.69E-06	1.07E-07
606592	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	1.75E-06	1.11E-07
606612	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	1.79E-06	1.14E-07
606632	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-09	1.82E-06	1.17E-07
606652	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	1.84E-06	1.19E-07
606672	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-09	1.86E-06	1.21E-07
606692	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-09	1.86E-06	1.22E-07
606712	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-09	1.85E-06	1.23E-07

606732	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-09	1.84E-06	1.23E-07
606752	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-09	1.81E-06	1.23E-07
606772	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-09	1.78E-06	1.22E-07
606792	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.75E-09	1.74E-06	1.21E-07
606852	4121540	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.77E-09	1.59E-06	1.16E-07
606872	4121540	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.14E-09	1.54E-06	1.14E-07
606892	4121540	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.52E-09	1.48E-06	1.11E-07
606912	4121540	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-09	1.42E-06	1.09E-07
606992	4121540	0.001	0.000	0.004	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.31E-09	1.18E-06	9.73E-08
607012	4121540	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-09	1.12E-06	9.46E-08
607032	4121540	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.06E-06	9.20E-08
607052	4121540	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.01E-06	8.95E-08
605632	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.20E-07	9.26E-09
605652	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.22E-07	9.39E-09
605672	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	1.24E-07	9.53E-09
605692	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.27E-07	9.66E-09
605712	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.29E-07	9.80E-09
605732	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.31E-07	9.95E-09
605752	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.34E-07	1.01E-08
605772	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.36E-07	1.03E-08
605792	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	1.39E-07	1.05E-08
605812	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	1.42E-07	1.06E-08
605832	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	1.46E-07	1.09E-08
605852	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	1.50E-07	1.11E-08
605872	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.54E-07	1.14E-08
605892	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.59E-07	1.17E-08
605912	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	1.64E-07	1.20E-08
605932	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	1.71E-07	1.24E-08
605952	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	1.78E-07	1.29E-08
605972	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	1.86E-07	1.34E-08
605992	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	1.95E-07	1.39E-08
606012	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.07E-07	1.47E-08
606032	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	2.19E-07	1.54E-08
606052	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	2.32E-07	1.63E-08
606072	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	2.46E-07	1.72E-08
606092	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	2.66E-07	1.84E-08
606112	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	2.87E-07	1.98E-08
606132	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	3.11E-07	2.13E-08
606152	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	3.39E-07	2.30E-08
606172	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	3.71E-07	2.50E-08
606192	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	4.09E-07	2.73E-08
606212	4121560	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	4.51E-07	2.99E-08
606232	4121560	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-09	4.99E-07	3.28E-08
606252	4121560	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	5.55E-07	3.61E-08
606272	4121560	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	6.16E-07	3.98E-08
606292	4121560	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	6.84E-07	4.38E-08
606312	4121560	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	7.58E-07	4.82E-08
606332	4121560	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	8.43E-07	5.32E-08
606412	4121560	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	1.23E-06	7.61E-08
606492	4121560	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-09	1.63E-06	1.01E-07
606512	4121560	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-09	1.71E-06	1.06E-07
606532	4121560	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-09	1.80E-06	1.12E-07
606552	4121560	0.000	0.000	0.006	0.006	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-09	1.87E-06	1.17E-07
606572	4121560	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	1.94E-06	1.22E-07
606592	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	1.99E-06	1.26E-07
606612	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-09	2.03E-06	1.29E-07
606632	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.89E-09	2.06E-06	1.32E-07
606652	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-09	2.08E-06	1.34E-07
606672	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-09	2.08E-06	1.35E-07
606692	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-09	2.07E-06	1.36E-07
606712	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-09	2.05E-06	1.36E-07
606732	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-09	2.02E-06	1.35E-07
606752	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.53E-09	1.98E-06	1.34E-07
606772	4121560	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-09	1.93E-06	1.33E-07
606872	4121560	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	1.61E-06	1.20E-07
606892	4121560	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-09	1.54E-06	1.17E-07
606912	4121560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-09	1.46E-06	1.14E-07
606992	4121560	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.19E-06	1.01E-07
607012	4121560	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.13E-06	9.79E-08
607032	4121560	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.07E-06	9.50E-08
607052	4121560	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.01E-06	9.20E-08
605632	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.29E-07	9.88E-09
605652	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	1.32E-07	1.00E-08
605672	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	1.34E-07	1.02E-08
605692	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	1.36E-07	1.03E-08
605712	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	1.39E-07	1.05E-08
605732	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.42E-07	1.07E-08
605752	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.45E-07	1.09E-08
605772	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	1.48E-07	1.10E-08
605792	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	1.51E-07	1.12E-08
605812	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	1.54E-07	1.15E-08
605832	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	1.58E-07	1.17E-08
605852	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	1.63E-07	1.20E-08
605872	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	1.67E-07	1.23E-08
605892	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.73E-07	1.26E-08
605912	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.79E-07	1.30E-08
605932	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-09	1.86E-07	1.34E-08
605952	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.94E-07	1.39E-08
605972	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-09	2.03E-07	1.45E-08
605992	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	2.13E-07	1.51E-08
606012	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	2.25E-07	1.58E-08
606032	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	2.38E-07	1.66E-08
606052	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.52E-07	1.75E-08
606072	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	2.69E-07	1.86E-08
606092	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	2.91E-07	2.00E-08
606112	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	3.15E-07	2.15E-08
606132	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	3.42E-07	2.32E-08
606152	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	3.74E-07	2.52E-08
606172	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	4.12E-07	2.74E-08
606192	4121580	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	4.56E-07	3.02E-08
606212	4121580	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	5.05E-07	3.31E-08
606232	4121580	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	5.63E-07	3.65E-08
606252	4121580	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-09	6.30E-07	4.05E-08
606272	4121580	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	7.03E-07	4.48E-08
606292	4121580	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	7.85E-07	4.97E-08
606312	4121580	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	8.75E-07	5.50E-08
606332	4121580	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	9.77E-07	6.10E-08

606392	4121580	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	1.32E-06	8.11E-08
606512	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	2.01E-06	1.24E-07
606532	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-09	2.09E-06	1.29E-07
606552	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	2.17E-06	1.34E-07
606572	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	2.23E-06	1.39E-07
606592	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-09	2.28E-06	1.43E-07
606612	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-09	2.31E-06	1.46E-07
606632	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-09	2.33E-06	1.48E-07
606652	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-09	2.33E-06	1.50E-07
606672	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.66E-09	2.31E-06	1.50E-07
606692	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	2.28E-06	1.50E-07
606712	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-09	2.25E-06	1.49E-07
606732	4121580	0.000	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.60E-09	2.20E-06	1.48E-07
606752	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-09	2.14E-06	1.46E-07
606772	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-09	2.07E-06	1.43E-07
606832	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.53E-09	1.83E-06	1.33E-07
606852	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-09	1.75E-06	1.30E-07
606872	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-09	1.66E-06	1.26E-07
606892	4121580	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-09	1.58E-06	1.22E-07
606912	4121580	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.31E-09	1.50E-06	1.19E-07
606992	4121580	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.19E-06	1.04E-07
607012	4121580	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.12E-06	1.01E-07
607032	4121580	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.06E-06	9.73E-08
607052	4121580	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	9.96E-07	9.42E-08
605632	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.39E-07	1.06E-08
605652	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	1.42E-07	1.07E-08
605672	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	1.45E-07	1.09E-08
605692	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	1.48E-07	1.11E-08
605712	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	1.50E-07	1.13E-08
605732	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	1.53E-07	1.15E-08
605752	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	1.57E-07	1.17E-08
605772	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.60E-07	1.19E-08
605792	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-09	1.64E-07	1.21E-08
605812	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.68E-07	1.23E-08
605832	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-09	1.72E-07	1.26E-08
605852	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	1.77E-07	1.29E-08
605872	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.82E-07	1.32E-08
605892	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.88E-07	1.36E-08
605912	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	1.94E-07	1.40E-08
605932	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.02E-07	1.45E-08
605952	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	2.11E-07	1.50E-08
605972	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	2.21E-07	1.56E-08
605992	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	2.32E-07	1.63E-08
606012	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	2.44E-07	1.71E-08
606032	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.59E-07	1.80E-08
606052	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	2.76E-07	1.90E-08
606072	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	2.95E-07	2.02E-08
606092	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	3.19E-07	2.17E-08
606112	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	3.47E-07	2.34E-08
606132	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	3.78E-07	2.53E-08
606152	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	4.16E-07	2.76E-08
606172	4121600	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	4.60E-07	3.03E-08
606192	4121600	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-09	5.11E-07	3.34E-08
606212	4121600	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	5.72E-07	3.70E-08
606232	4121600	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	6.41E-07	4.11E-08
606252	4121600	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	7.20E-07	4.57E-08
606272	4121600	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-09	8.08E-07	5.10E-08
606292	4121600	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-09	9.09E-07	5.68E-08
606312	4121600	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-09	1.02E-06	6.34E-08
606332	4121600	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	1.15E-06	7.07E-08
606572	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	2.58E-06	1.60E-07
606592	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-09	2.61E-06	1.63E-07
606612	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	2.63E-06	1.65E-07
606632	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-09	2.63E-06	1.67E-07
606652	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-09	2.61E-06	1.67E-07
606672	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-09	2.57E-06	1.67E-07
606692	4121600	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-09	2.52E-06	1.65E-07
606712	4121600	0.000	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-09	2.45E-06	1.63E-07
606732	4121600	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-09	2.38E-06	1.61E-07
606752	4121600	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.41E-09	2.29E-06	1.57E-07
606772	4121600	0.001	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-09	2.20E-06	1.54E-07
606872	4121600	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-09	1.71E-06	1.32E-07
606892	4121600	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.68E-09	1.61E-06	1.28E-07
606912	4121600	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.52E-06	1.24E-07
606932	4121600	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.43E-06	1.19E-07
606992	4121600	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.18E-06	1.07E-07
607012	4121600	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.11E-06	1.03E-07
607032	4121600	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.04E-06	9.94E-08
607052	4121600	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	9.77E-07	9.62E-08
605632	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	1.50E-07	1.13E-08
605652	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	1.53E-07	1.15E-08
605672	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.56E-07	1.17E-08
605692	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-09	1.60E-07	1.19E-08
605712	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.63E-07	1.21E-08
605732	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-09	1.67E-07	1.24E-08
605752	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.70E-07	1.26E-08
605772	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	1.74E-07	1.28E-08
605792	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	1.79E-07	1.31E-08
605812	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	1.83E-07	1.34E-08
605832	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	1.88E-07	1.37E-08
605852	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	1.94E-07	1.40E-08
605872	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	2.00E-07	1.44E-08
605892	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	2.06E-07	1.48E-08
605912	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.14E-07	1.52E-08
605932	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	2.22E-07	1.58E-08
605952	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	2.32E-07	1.63E-08
605972	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	2.43E-07	1.70E-08
605992	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	2.55E-07	1.77E-08
606012	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	2.69E-07	1.86E-08
606032	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	2.85E-07	1.96E-08
606052	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	3.04E-07	2.08E-08
606072	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	3.26E-07	2.21E-08
606092	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	3.53E-07	2.38E-08
606112	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	3.85E-07	2.57E-08
606132	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	4.22E-07	2.80E-08
606152	4121620	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	4.66E-07	3.06E-08
606172	4121620	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	5.19E-07	3.38E-08

606192	4121620	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	5.80E-07	3.74E-08
606212	4121620	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	6.53E-07	4.17E-08
606232	4121620	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	7.34E-07	4.65E-08
606252	4121620	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	8.31E-07	5.22E-08
606272	4121620	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	9.43E-07	5.87E-08
606292	4121620	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	1.07E-06	6.60E-08
606312	4121620	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	1.21E-06	7.42E-08
606392	4121620	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-09	1.85E-06	1.12E-07
606412	4121620	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-09	2.02E-06	1.22E-07
606432	4121620	0.000	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-09	2.20E-06	1.32E-07
606492	4121620	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-09	2.66E-06	1.61E-07
606512	4121620	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	2.78E-06	1.69E-07
606872	4121620	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.73E-06	1.38E-07
606892	4121620	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	1.63E-06	1.33E-07
606912	4121620	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.52E-06	1.28E-07
606932	4121620	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.42E-06	1.23E-07
606992	4121620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.16E-06	1.10E-07
607012	4121620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.09E-06	1.06E-07
607032	4121620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.02E-06	1.02E-07
607052	4121620	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	9.51E-07	9.80E-08
605632	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	1.62E-07	1.21E-08
605652	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.66E-07	1.23E-08
605672	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	1.69E-07	1.26E-08
605692	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	1.73E-07	1.28E-08
605712	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	1.77E-07	1.31E-08
605732	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	1.81E-07	1.34E-08
605752	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	1.86E-07	1.36E-08
605772	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	1.91E-07	1.39E-08
605792	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	1.96E-07	1.42E-08
605812	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	2.01E-07	1.45E-08
605832	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	2.06E-07	1.49E-08
605852	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	2.13E-07	1.53E-08
605872	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	2.19E-07	1.57E-08
605892	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-09	2.27E-07	1.61E-08
605912	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	2.35E-07	1.66E-08
605932	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	2.45E-07	1.72E-08
605952	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	2.55E-07	1.78E-08
605972	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	2.68E-07	1.86E-08
605992	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	2.82E-07	1.94E-08
606012	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	2.98E-07	2.04E-08
606032	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	3.18E-07	2.16E-08
606052	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	3.40E-07	2.29E-08
606072	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	3.66E-07	2.45E-08
606192	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	6.58E-07	4.20E-08
606212	4121640	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	7.44E-07	4.70E-08
606232	4121640	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	8.41E-07	5.27E-08
606252	4121640	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	9.62E-07	5.97E-08
606272	4121640	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	1.11E-06	6.81E-08
606292	4121640	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	1.27E-06	7.74E-08
606312	4121640	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	1.44E-06	8.73E-08
606492	4121640	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-09	3.17E-06	1.90E-07
606512	4121640	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	3.28E-06	1.98E-07
606532	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-09	3.37E-06	2.04E-07
606552	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-09	3.43E-06	2.09E-07
606572	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-09	3.45E-06	2.12E-07
606592	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-09	3.44E-06	2.13E-07
606612	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.75E-09	3.41E-06	2.13E-07
606632	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-09	3.34E-06	2.12E-07
606912	4121640	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.51E-06	1.32E-07
606932	4121640	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.41E-06	1.27E-07
606992	4121640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.13E-06	1.12E-07
607012	4121640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.05E-06	1.08E-07
607032	4121640	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	9.84E-07	1.03E-07
607052	4121640	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	9.19E-07	9.96E-08
605632	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	1.75E-07	1.30E-08
605652	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	1.79E-07	1.33E-08
605672	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	1.84E-07	1.36E-08
605692	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	1.88E-07	1.38E-08
605712	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	1.93E-07	1.41E-08
605732	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	1.98E-07	1.45E-08
605752	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	2.03E-07	1.48E-08
605772	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-09	2.09E-07	1.51E-08
605792	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	2.14E-07	1.55E-08
605812	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	2.20E-07	1.58E-08
605832	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	2.27E-07	1.62E-08
605852	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	2.34E-07	1.67E-08
605872	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	2.42E-07	1.71E-08
605892	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	2.51E-07	1.77E-08
605912	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	2.60E-07	1.82E-08
605932	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	2.71E-07	1.89E-08
605952	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	2.83E-07	1.96E-08
605972	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	2.96E-07	2.04E-08
605992	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	3.12E-07	2.13E-08
606012	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	3.30E-07	2.24E-08
606032	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-09	3.51E-07	2.37E-08
606052	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	3.76E-07	2.51E-08
606072	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	4.05E-07	2.69E-08
606132	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	5.31E-07	3.44E-08
606152	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	5.92E-07	3.80E-08
606172	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	6.68E-07	4.25E-08
606192	4121660	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	7.58E-07	4.77E-08
606212	4121660	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	8.64E-07	5.39E-08
606232	4121660	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	9.88E-07	6.11E-08
606252	4121660	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	1.14E-06	6.98E-08
606272	4121660	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	1.32E-06	8.00E-08
606292	4121660	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	1.52E-06	9.16E-08
606312	4121660	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	1.74E-06	1.04E-07
606372	4121660	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	2.51E-06	1.49E-07
606452	4121660	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-09	3.49E-06	2.06E-07
606492	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-09	3.80E-06	2.27E-07
606512	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-09	3.91E-06	2.34E-07
606532	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-09	3.97E-06	2.39E-07
606552	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-09	3.99E-06	2.42E-07
606572	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-09	3.97E-06	2.43E-07
606592	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.75E-09	3.92E-06	2.42E-07
606612	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-09	3.83E-06	2.40E-07
606632	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-09	3.72E-06	2.36E-07

606652	4121660	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-09	3.57E-06	2.30E-07
606672	4121660	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.26E-09	3.41E-06	2.23E-07
606692	4121660	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-09	3.24E-06	2.16E-07
606712	4121660	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.21E-09	3.06E-06	2.08E-07
606732	4121660	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	2.87E-06	2.00E-07
606752	4121660	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.30E-09	2.69E-06	1.92E-07
606772	4121660	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-09	2.52E-06	1.84E-07
606992	4121660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.09E-06	1.14E-07
607012	4121660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.02E-06	1.09E-07
607032	4121660	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	9.46E-07	1.05E-07
607052	4121660	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	8.82E-07	1.01E-07
605832	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	2.51E-07	1.78E-08
605852	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	2.59E-07	1.83E-08
605872	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	2.68E-07	1.88E-08
605892	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	2.79E-07	1.95E-08
605912	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-09	2.90E-07	2.01E-08
605932	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	3.03E-07	2.09E-08
605952	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	3.17E-07	2.17E-08
605972	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	3.32E-07	2.26E-08
605992	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	3.51E-07	2.37E-08
606012	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	3.71E-07	2.49E-08
606032	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	3.96E-07	2.64E-08
606052	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	4.24E-07	2.81E-08
606072	4121680	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	4.58E-07	3.00E-08
606232	4121680	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	1.19E-06	7.25E-08
606252	4121680	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	1.38E-06	8.36E-08
606272	4121680	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-09	1.62E-06	9.72E-08
606292	4121680	0.000	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	1.89E-06	1.13E-07
606372	4121680	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-09	3.13E-06	1.83E-07
606392	4121680	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-09	3.45E-06	2.02E-07
606432	4121680	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-09	4.00E-06	2.35E-07
606572	4121680	0.000	0.000	0.016	0.013	0.009	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-09	4.58E-06	2.80E-07
606592	4121680	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-09	4.46E-06	2.76E-07
606612	4121680	0.000	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-09	4.31E-06	2.70E-07
606632	4121680	0.000	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.89E-09	4.11E-06	2.62E-07
606652	4121680	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-09	3.90E-06	2.53E-07
606672	4121680	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-09	3.68E-06	2.43E-07
606692	4121680	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.33E-09	3.45E-06	2.33E-07
606712	4121680	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.88E-09	3.22E-06	2.22E-07
606732	4121680	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-09	2.99E-06	2.12E-07
606752	4121680	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-09	2.77E-06	2.02E-07
606772	4121680	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-09	2.57E-06	1.93E-07
606992	4121680	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.05E-06	1.16E-07
607012	4121680	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	9.71E-07	1.11E-07
607032	4121680	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	9.03E-07	1.06E-07
607052	4121680	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	8.40E-07	1.02E-07
605632	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	2.04E-07	1.50E-08
605652	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	2.10E-07	1.54E-08
605672	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	2.16E-07	1.58E-08
605692	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	2.23E-07	1.62E-08
605712	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	2.29E-07	1.66E-08
605732	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	2.36E-07	1.70E-08
605752	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	2.44E-07	1.75E-08
605772	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	2.52E-07	1.80E-08
605792	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	2.60E-07	1.85E-08
605832	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.78E-07	1.96E-08
605852	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	2.88E-07	2.01E-08
605872	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	2.99E-07	2.08E-08
605892	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	3.12E-07	2.15E-08
605912	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	3.25E-07	2.23E-08
605932	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	3.40E-07	2.32E-08
605952	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	3.56E-07	2.42E-08
605972	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	3.75E-07	2.53E-08
605992	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	3.96E-07	2.65E-08
606012	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	4.21E-07	2.79E-08
606032	4121700	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	4.49E-07	2.96E-08
606052	4121700	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	4.83E-07	3.16E-08
606072	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	5.23E-07	3.39E-08
606152	4121700	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	7.94E-07	4.97E-08
606172	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-09	9.10E-07	5.64E-08
606192	4121700	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	1.05E-06	6.45E-08
606212	4121700	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	1.22E-06	7.44E-08
606232	4121700	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-09	1.44E-06	8.67E-08
606252	4121700	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	1.70E-06	1.01E-07
606272	4121700	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	2.02E-06	1.19E-07
606292	4121700	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-09	2.38E-06	1.40E-07
606372	4121700	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-09	3.96E-06	2.30E-07
606392	4121700	0.000	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-09	4.34E-06	2.52E-07
606432	4121700	0.000	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-09	4.97E-06	2.89E-07
606472	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-09	5.42E-06	3.17E-07
606492	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	5.52E-06	3.25E-07
606512	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-09	5.56E-06	3.30E-07
606532	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-09	5.54E-06	3.31E-07
606692	4121700	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-09	3.62E-06	2.48E-07
606712	4121700	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.68E-09	3.34E-06	2.35E-07
606732	4121700	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-09	3.07E-06	2.23E-07
606752	4121700	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	2.81E-06	2.11E-07
606772	4121700	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	2.58E-06	2.00E-07
606992	4121700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	9.96E-07	1.18E-07
607012	4121700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	9.21E-07	1.12E-07
607032	4121700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	8.55E-07	1.07E-07
607052	4121700	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	7.96E-07	1.03E-07
605632	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	2.21E-07	1.62E-08
605652	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	2.28E-07	1.66E-08
605672	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	2.35E-07	1.70E-08
605692	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	2.42E-07	1.75E-08
605712	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	2.50E-07	1.80E-08
605732	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.59E-07	1.85E-08
605752	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	2.68E-07	1.90E-08
605772	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	2.77E-07	1.96E-08
605792	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	2.87E-07	2.02E-08
605832	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	3.09E-07	2.16E-08
605852	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-09	3.21E-07	2.22E-08
605872	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	3.34E-07	2.30E-08
605892	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	3.49E-07	2.39E-08
605912	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	3.65E-07	2.48E-08
605932	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	3.81E-07	2.58E-08

605952	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	4.01E-07	2.69E-08
605972	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	4.23E-07	2.82E-08
605992	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	4.48E-07	2.97E-08
606012	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	4.77E-07	3.13E-08
606032	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-09	5.11E-07	3.33E-08
606052	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	5.50E-07	3.56E-08
606072	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	5.97E-07	3.83E-08
606132	4121720	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	8.22E-07	5.13E-08
606152	4121720	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-09	9.36E-07	5.78E-08
606172	4121720	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-09	1.08E-06	6.63E-08
606192	4121720	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	1.27E-06	7.67E-08
606212	4121720	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	1.50E-06	8.98E-08
606232	4121720	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-09	1.79E-06	1.06E-07
606252	4121720	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	2.15E-06	1.26E-07
606272	4121720	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	2.57E-06	1.50E-07
606292	4121720	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	3.07E-06	1.78E-07
606372	4121720	0.000	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-09	5.08E-06	2.93E-07
606392	4121720	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-09	5.55E-06	3.19E-07
606432	4121720	0.000	0.000	0.021	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	6.22E-06	3.59E-07
606472	4121720	0.000	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-09	6.63E-06	3.86E-07
606492	4121720	0.000	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-09	6.66E-06	3.90E-07
606512	4121720	0.000	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	6.60E-06	3.90E-07
606532	4121720	0.000	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-09	6.49E-06	3.87E-07
606552	4121720	0.000	0.000	0.022	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-09	6.25E-06	3.77E-07
606572	4121720	0.000	0.000	0.020	0.017	0.011	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-09	5.94E-06	3.63E-07
606592	4121720	0.000	0.000	0.019	0.017	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.94E-09	5.61E-06	3.48E-07
606612	4121720	0.000	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-09	5.25E-06	3.32E-07
606632	4121720	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.97E-09	4.86E-06	3.14E-07
606652	4121720	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-09	4.47E-06	2.96E-07
606672	4121720	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.16E-09	4.10E-06	2.79E-07
606692	4121720	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-09	3.74E-06	2.62E-07
606712	4121720	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-09	3.41E-06	2.47E-07
606732	4121720	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	3.10E-06	2.32E-07
606752	4121720	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	2.81E-06	2.19E-07
606772	4121720	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	2.55E-06	2.07E-07
606992	4121720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	9.40E-07	1.19E-07
607012	4121720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	8.70E-07	1.14E-07
607032	4121720	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-08	8.07E-07	1.09E-07
607052	4121720	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	7.50E-07	1.03E-07
605632	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	2.39E-07	1.74E-08
605652	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	2.47E-07	1.79E-08
605672	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	2.55E-07	1.84E-08
605692	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	2.64E-07	1.90E-08
605712	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	2.74E-07	1.95E-08
605732	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	2.84E-07	2.02E-08
605752	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-09	2.94E-07	2.08E-08
605772	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	3.05E-07	2.15E-08
605792	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	3.18E-07	2.22E-08
605832	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	3.44E-07	2.38E-08
605852	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-09	3.58E-07	2.46E-08
605872	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	3.75E-07	2.56E-08
605892	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-09	3.93E-07	2.67E-08
605912	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	4.12E-07	2.78E-08
605932	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	4.32E-07	2.90E-08
605952	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	4.56E-07	3.03E-08
605972	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	4.81E-07	3.18E-08
605992	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-09	5.12E-07	3.36E-08
606012	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	5.48E-07	3.56E-08
606032	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	5.89E-07	3.80E-08
606052	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	6.37E-07	4.08E-08
606072	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	6.95E-07	4.41E-08
606392	4121740	0.000	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-09	7.18E-06	4.10E-07
606432	4121740	0.000	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	7.83E-06	4.50E-07
606472	4121740	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-09	8.13E-06	4.71E-07
606492	4121740	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-09	8.04E-06	4.69E-07
606512	4121740	0.000	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-09	7.84E-06	4.61E-07
606532	4121740	0.000	0.000	0.026	0.022	0.014	0.010	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-09	7.57E-06	4.50E-07
606552	4121740	0.000	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.54E-09	7.14E-06	4.30E-07
606572	4121740	0.000	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.94E-09	6.64E-06	4.06E-07
606592	4121740	0.000	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.42E-09	6.14E-06	3.83E-07
606612	4121740	0.001	0.000	0.019	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-09	5.65E-06	3.60E-07
606632	4121740	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-09	5.13E-06	3.36E-07
606652	4121740	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.22E-09	4.64E-06	3.13E-07
606672	4121740	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-09	4.18E-06	2.91E-07
606692	4121740	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-09	3.78E-06	2.73E-07
606712	4121740	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	3.40E-06	2.55E-07
606732	4121740	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	3.05E-06	2.38E-07
606752	4121740	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	2.74E-06	2.24E-07
606772	4121740	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	2.48E-06	2.12E-07
606792	4121740	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	2.23E-06	2.00E-07
606812	4121740	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	2.01E-06	1.89E-07
606832	4121740	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.82E-06	1.79E-07
606852	4121740	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	1.65E-06	1.70E-07
606872	4121740	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.50E-06	1.62E-07
606892	4121740	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	1.36E-06	1.54E-07
606912	4121740	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	1.24E-06	1.47E-07
606932	4121740	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	1.14E-06	1.40E-07
606952	4121740	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	1.04E-06	1.33E-07
606992	4121740	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	8.85E-07	1.21E-07
607012	4121740	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	8.18E-07	1.15E-07
607032	4121740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	7.57E-07	1.09E-07
607052	4121740	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	7.03E-07	1.04E-07
605632	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	2.58E-07	1.87E-08
605672	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	2.78E-07	1.99E-08
605692	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	2.88E-07	2.06E-08
605712	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	2.99E-07	2.13E-08
605752	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-09	3.24E-07	2.28E-08
605772	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	3.37E-07	2.35E-08
605792	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	3.52E-07	2.44E-08
605832	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	3.84E-07	2.64E-08
605852	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	4.01E-07	2.74E-08
605872	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-09	4.22E-07	2.86E-08
605892	4121760	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	4.44E-07	2.99E-08
605912	4121760	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	4.67E-07	3.12E-08
605932	4121760	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	4.93E-07	3.27E-08
605952	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	5.23E-07	3.44E-08
605972	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	5.54E-07	3.62E-08

605992	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	5.91E-07	3.84E-08
606012	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-09	6.36E-07	4.09E-08
606032	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	6.87E-07	4.38E-08
606052	4121760	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	7.48E-07	4.73E-08
606072	4121760	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	8.21E-07	5.14E-08
606372	4121760	0.000	0.000	0.030	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	8.86E-06	5.02E-07
606432	4121760	0.000	0.000	0.034	0.029	0.019	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	9.96E-06	5.69E-07
606472	4121760	0.000	0.000	0.035	0.029	0.019	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-09	1.00E-05	5.77E-07
606492	4121760	0.000	0.000	0.033	0.029	0.018	0.012	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-09	9.70E-06	5.64E-07
606512	4121760	0.000	0.000	0.032	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-09	9.27E-06	5.44E-07
606532	4121760	0.000	0.000	0.030	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.56E-09	8.74E-06	5.19E-07
606552	4121760	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-09	8.04E-06	4.86E-07
606572	4121760	0.000	0.000	0.025	0.021	0.014	0.009	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.43E-09	7.29E-06	4.49E-07
606592	4121760	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.98E-09	6.59E-06	4.15E-07
606612	4121760	0.001	0.000	0.020	0.017	0.011	0.008	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	5.94E-06	3.85E-07
606632	4121760	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.31E-09	5.30E-06	3.54E-07
606652	4121760	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-09	4.71E-06	3.26E-07
606672	4121760	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.85E-09	4.18E-06	3.01E-07
606692	4121760	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	3.73E-06	2.81E-07
606712	4121760	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	3.32E-06	2.61E-07
606732	4121760	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	2.95E-06	2.44E-07
606752	4121760	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	2.63E-06	2.29E-07
606772	4121760	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	2.37E-06	2.17E-07
606792	4121760	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	2.12E-06	2.04E-07
606812	4121760	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.90E-06	1.93E-07
606832	4121760	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.71E-06	1.83E-07
606852	4121760	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	1.55E-06	1.74E-07
606872	4121760	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	1.40E-06	1.65E-07
606892	4121760	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	1.28E-06	1.57E-07
606912	4121760	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	1.16E-06	1.50E-07
606932	4121760	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	1.07E-06	1.42E-07
606952	4121760	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	9.77E-07	1.35E-07
606992	4121760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-08	8.26E-07	1.22E-07
607012	4121760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	7.62E-07	1.15E-07
607032	4121760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-08	7.06E-07	1.09E-07
607052	4121760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-08	6.56E-07	1.03E-07
605632	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	2.79E-07	2.02E-08
605672	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	3.02E-07	2.16E-08
605692	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-09	3.14E-07	2.23E-08
605712	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	3.27E-07	2.31E-08
605752	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	3.56E-07	2.49E-08
605772	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-09	3.72E-07	2.58E-08
605792	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	3.90E-07	2.69E-08
605832	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	4.29E-07	2.92E-08
605852	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	4.51E-07	3.05E-08
605872	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	4.75E-07	3.19E-08
605892	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	5.02E-07	3.35E-08
605912	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	5.32E-07	3.52E-08
605932	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-09	5.65E-07	3.71E-08
605952	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	6.01E-07	3.92E-08
605992	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	6.86E-07	4.40E-08
606052	4121780	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-09	8.86E-07	5.54E-08
606072	4121780	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-09	9.80E-07	6.06E-08
606132	4121780	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-09	1.44E-06	8.62E-08
606152	4121780	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-09	1.71E-06	1.01E-07
606172	4121780	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-09	2.07E-06	1.21E-07
606192	4121780	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-09	2.57E-06	1.49E-07
606292	4121780	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-09	8.06E-06	4.54E-07
606312	4121780	0.000	0.000	0.032	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-09	9.29E-06	5.22E-07
606372	4121780	0.000	0.000	0.041	0.035	0.022	0.015	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	1.19E-05	6.69E-07
606392	4121780	0.000	0.000	0.043	0.036	0.023	0.016	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-09	1.24E-05	7.00E-07
606432	4121780	0.000	0.000	0.044	0.038	0.024	0.016	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-09	1.27E-05	7.24E-07
606472	4121780	0.000	0.000	0.043	0.036	0.023	0.016	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-09	1.23E-05	7.10E-07
606492	4121780	0.000	0.000	0.040	0.034	0.022	0.015	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-09	1.17E-05	6.77E-07
606512	4121780	0.000	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	1.08E-05	6.36E-07
606532	4121780	0.000	0.000	0.034	0.029	0.018	0.013	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.00E-09	9.90E-06	5.90E-07
606552	4121780	0.000	0.000	0.031	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.47E-09	8.84E-06	5.37E-07
606572	4121780	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-09	7.81E-06	4.86E-07
606592	4121780	0.001	0.000	0.024	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.62E-09	6.90E-06	4.41E-07
606612	4121780	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.37E-09	6.08E-06	4.03E-07
606632	4121780	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-09	5.33E-06	3.67E-07
606652	4121780	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	4.67E-06	3.35E-07
606672	4121780	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	4.09E-06	3.08E-07
606692	4121780	0.001	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	3.61E-06	2.86E-07
606712	4121780	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	3.18E-06	2.66E-07
606732	4121780	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	2.81E-06	2.48E-07
606752	4121780	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	2.49E-06	2.33E-07
606772	4121780	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	2.22E-06	2.21E-07
606792	4121780	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.99E-06	2.09E-07
606812	4121780	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	1.78E-06	1.98E-07
606832	4121780	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	1.60E-06	1.88E-07
606852	4121780	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	1.44E-06	1.78E-07
606872	4121780	0.002	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	1.31E-06	1.69E-07
606892	4121780	0.002	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	1.19E-06	1.60E-07
606912	4121780	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-08	1.08E-06	1.52E-07
606932	4121780	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	9.86E-07	1.44E-07
606952	4121780	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	9.03E-07	1.36E-07
606992	4121780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-08	7.67E-07	1.22E-07
607012	4121780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-08	7.10E-07	1.15E-07
605632	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	3.01E-07	2.17E-08
605672	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	3.28E-07	2.33E-08
605692	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-09	3.42E-07	2.42E-08
605712	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	3.58E-07	2.52E-08
605752	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-09	3.92E-07	2.73E-08
605772	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	4.11E-07	2.84E-08
605792	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	4.33E-07	2.97E-08
605832	4121800	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	4.81E-07	3.25E-08
605852	4121800	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	5.07E-07	3.40E-08
605872	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	5.37E-07	3.58E-08
605892	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	5.71E-07	3.78E-08
605912	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	6.07E-07	3.99E-08
605932	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	6.46E-07	4.21E-08
605952	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	6.92E-07	4.47E-08
605992	4121800	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	8.02E-07	5.10E-08
606052	4121800	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-09	1.06E-06	6.55E-08
606072	4121800	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	1.18E-06	7.23E-08
606152	4121800	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	2.21E-06	1.28E-07

606172	4121800	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-09	2.74E-06	1.58E-07
606192	4121800	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	3.53E-06	2.02E-07
606292	4121800	0.000	0.000	0.042	0.035	0.022	0.015	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-09	1.21E-05	6.75E-07
606312	4121800	0.000	0.000	0.046	0.040	0.025	0.017	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-09	1.35E-05	7.54E-07
606372	4121800	0.000	0.000	0.056	0.048	0.030	0.021	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-09	1.62E-05	9.09E-07
606432	4121800	0.000	0.000	0.057	0.049	0.031	0.021	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-09	1.65E-05	9.35E-07
606472	4121800	0.000	0.000	0.053	0.045	0.028	0.019	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-09	1.53E-05	8.76E-07
606492	4121800	0.000	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.56E-09	1.39E-05	8.07E-07
606512	4121800	0.000	0.000	0.043	0.037	0.023	0.016	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-09	1.24E-05	7.29E-07
606532	4121800	0.000	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.47E-09	1.09E-05	6.50E-07
606552	4121800	0.001	0.000	0.032	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.02E-09	9.40E-06	5.77E-07
606572	4121800	0.001	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	8.10E-06	5.12E-07
606592	4121800	0.001	0.000	0.024	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	8.36E-09	6.98E-06	4.58E-07
606612	4121800	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-09	6.02E-06	4.12E-07
606632	4121800	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	5.19E-06	3.72E-07
606652	4121800	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	4.49E-06	3.39E-07
606672	4121800	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	3.90E-06	3.12E-07
606692	4121800	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	3.40E-06	2.89E-07
606712	4121800	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	2.97E-06	2.69E-07
606732	4121800	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	2.61E-06	2.52E-07
606752	4121800	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	2.31E-06	2.38E-07
606772	4121800	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	2.06E-06	2.26E-07
606792	4121800	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	1.83E-06	2.13E-07
606812	4121800	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	1.63E-06	2.02E-07
606832	4121800	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	1.47E-06	1.91E-07
606852	4121800	0.002	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	1.32E-06	1.81E-07
606872	4121800	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-08	1.20E-06	1.72E-07
606892	4121800	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	1.09E-06	1.63E-07
606912	4121800	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	9.93E-07	1.54E-07
606932	4121800	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	9.09E-07	1.46E-07
605632	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	3.79E-07	2.71E-08
605652	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	3.98E-07	2.83E-08
605672	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	4.19E-07	2.95E-08
605692	4121860	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	4.42E-07	3.09E-08
605712	4121860	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	4.66E-07	3.24E-08
605732	4121860	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	4.93E-07	3.41E-08
605752	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-09	5.23E-07	3.59E-08
605772	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-09	5.56E-07	3.78E-08
605792	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	5.93E-07	4.00E-08
605812	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	6.33E-07	4.23E-08
605832	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-09	6.78E-07	4.50E-08
605852	4121860	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-09	7.29E-07	4.79E-08
605872	4121860	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-09	7.85E-07	5.12E-08
605892	4121860	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-09	8.50E-07	5.50E-08
605912	4121860	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	9.24E-07	5.92E-08
605932	4121860	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-09	1.01E-06	6.39E-08
605952	4121860	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	1.10E-06	6.94E-08
605972	4121860	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-09	1.22E-06	7.58E-08
605992	4121860	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-09	1.35E-06	8.34E-08
606012	4121860	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-09	1.52E-06	9.26E-08
606032	4121860	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-09	1.72E-06	1.04E-07
606052	4121860	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	1.99E-06	1.19E-07
606072	4121860	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	2.34E-06	1.38E-07
606612	4121860	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	4.82E-06	4.08E-07
606632	4121860	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	4.02E-06	3.72E-07
606652	4121860	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	3.40E-06	3.45E-07
606672	4121860	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	2.91E-06	3.23E-07
606692	4121860	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	2.52E-06	3.05E-07
606712	4121860	0.002	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-08	2.19E-06	2.89E-07
606732	4121860	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	1.92E-06	2.74E-07
606752	4121860	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-08	1.70E-06	2.60E-07
606772	4121860	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-08	1.52E-06	2.47E-07
606792	4121860	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-08	1.36E-06	2.33E-07
606812	4121860	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-08	1.22E-06	2.20E-07
606832	4121860	0.003	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-08	1.10E-06	2.07E-07
606852	4121860	0.003	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-08	1.00E-06	1.94E-07
605632	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-09	4.09E-07	2.91E-08
605652	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-09	4.30E-07	3.05E-08
605672	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-09	4.55E-07	3.20E-08
605692	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-09	4.81E-07	3.36E-08
605712	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	5.10E-07	3.53E-08
605732	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	5.41E-07	3.72E-08
605752	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-09	5.76E-07	3.93E-08
605772	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-09	6.15E-07	4.16E-08
605792	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	6.59E-07	4.42E-08
605812	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-09	7.07E-07	4.71E-08
605832	4121880	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-09	7.62E-07	5.03E-08
605852	4121880	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-09	8.23E-07	5.38E-08
605872	4121880	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-09	8.93E-07	5.78E-08
605892	4121880	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	9.76E-07	6.26E-08
605912	4121880	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-09	1.07E-06	6.80E-08
605932	4121880	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	1.18E-06	7.41E-08
605952	4121880	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	1.30E-06	8.12E-08
605972	4121880	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-09	1.46E-06	8.97E-08
605992	4121880	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-09	1.64E-06	1.00E-07
606012	4121880	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	1.87E-06	1.13E-07
606032	4121880	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	2.16E-06	1.29E-07
606052	4121880	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-09	2.54E-06	1.50E-07
606072	4121880	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-09	3.05E-06	1.78E-07
606452	4121880	0.000	0.000	0.104	0.088	0.056	0.038	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.51E-09	3.00E-05	1.71E-06
606472	4121880	0.001	0.000	0.076	0.065	0.041	0.028	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	7.06E-09	2.22E-05	1.29E-06
606492	4121880	0.001	0.000	0.057	0.049	0.031	0.021	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-09	1.66E-05	1.00E-06
606512	4121880	0.001	0.000	0.044	0.037	0.024	0.016	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	8.42E-09	1.27E-05	7.99E-07
606532	4121880	0.001	0.000	0.034	0.029	0.018	0.012	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-09	9.80E-06	6.58E-07
606552	4121880	0.001	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	7.73E-06	5.60E-07
606572	4121880	0.001	0.000	0.022	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	6.24E-06	4.94E-07
606592	4121880	0.001	0.000	0.018	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	5.09E-06	4.44E-07
606612	4121880	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	4.19E-06	4.06E-07
606632	4121880	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	3.49E-06	3.76E-07
606652	4121880	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	2.96E-06	3.53E-07
606672	4121880	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	2.54E-06	3.35E-07
606692	4121880	0.002	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.21E-06	3.18E-07
606712	4121880	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	1.93E-06	3.02E-07
606732	4121880	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-08	1.70E-06	2.87E-07
606752	4121880	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-08	1.51E-06	2.72E-07
606772	4121880	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-08	1.36E-06	2.57E-07
606792	4121880	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	1.22E-06	2.41E-07

606812	4121880	0.003	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-08	1.10E-06	2.26E-07
606832	4121880	0.003	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-08	9.95E-07	2.11E-07
606852	4121880	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-08	9.07E-07	1.97E-07
605632	4121900	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	4.41E-07	3.14E-08
605652	4121900	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-09	4.65E-07	3.29E-08
605672	4121900	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-09	4.93E-07	3.46E-08
605692	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-09	5.24E-07	3.64E-08
605712	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	5.57E-07	3.84E-08
605732	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-09	5.94E-07	4.07E-08
605752	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	6.35E-07	4.31E-08
605772	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-09	6.81E-07	4.59E-08
605792	4121900	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	7.33E-07	4.89E-08
605812	4121900	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-09	7.91E-07	5.24E-08
605832	4121900	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-09	8.58E-07	5.63E-08
605852	4121900	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	9.31E-07	6.05E-08
605872	4121900	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	1.02E-06	6.55E-08
605892	4121900	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-09	1.12E-06	7.15E-08
605912	4121900	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-09	1.24E-06	7.83E-08
605932	4121900	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-09	1.38E-06	8.63E-08
605952	4121900	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	1.55E-06	9.59E-08
605972	4121900	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-09	1.76E-06	1.07E-07
605992	4121900	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-09	2.01E-06	1.21E-07
606012	4121900	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-09	2.33E-06	1.39E-07
606032	4121900	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-09	2.75E-06	1.62E-07
606052	4121900	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-09	3.31E-06	1.93E-07
606072	4121900	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-09	4.06E-06	2.35E-07
606452	4121900	0.001	0.000	0.098	0.084	0.053	0.036	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-09	2.83E-05	1.63E-06
606472	4121900	0.001	0.000	0.070	0.060	0.038	0.026	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	7.71E-09	2.03E-05	1.21E-06
606492	4121900	0.001	0.000	0.051	0.044	0.028	0.019	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	8.43E-09	1.48E-05	9.23E-07
606512	4121900	0.001	0.000	0.038	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-09	1.10E-05	7.35E-07
606532	4121900	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	8.39E-06	6.12E-07
606552	4121900	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	6.56E-06	5.31E-07
606572	4121900	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	5.28E-06	4.80E-07
606592	4121900	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	4.31E-06	4.43E-07
606612	4121900	0.001	0.000	0.012	0.010	0.007	0.005	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	3.57E-06	4.14E-07
606632	4121900	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	2.99E-06	3.90E-07
606652	4121900	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.54E-06	3.70E-07
606672	4121900	0.002	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.21E-06	3.54E-07
606692	4121900	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	1.92E-06	3.37E-07
606712	4121900	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-08	1.69E-06	3.20E-07
606732	4121900	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-08	1.50E-06	3.02E-07
606752	4121900	0.003	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-08	1.34E-06	2.85E-07
606772	4121900	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-08	1.21E-06	2.67E-07
606792	4121900	0.003	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-08	1.09E-06	2.50E-07
606812	4121900	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	9.90E-07	2.32E-07
606832	4121900	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	5.40E-08	9.03E-07	2.15E-07
606852	4121900	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-08	8.28E-07	1.99E-07
605632	4121920	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-09	4.75E-07	3.37E-08
605652	4121920	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-09	5.03E-07	3.54E-08
605672	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-09	5.35E-07	3.74E-08
605692	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	5.70E-07	3.95E-08
605712	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-09	6.09E-07	4.19E-08
605732	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-09	6.52E-07	4.44E-08
605752	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-09	7.00E-07	4.73E-08
605772	4121920	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-09	7.54E-07	5.06E-08
605792	4121920	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-09	8.16E-07	5.42E-08
605812	4121920	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	8.86E-07	5.83E-08
605832	4121920	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-09	9.67E-07	6.30E-08
605852	4121920	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-09	1.06E-06	6.82E-08
605872	4121920	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-09	1.16E-06	7.44E-08
605892	4121920	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-09	1.29E-06	8.19E-08
605912	4121920	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	1.44E-06	9.05E-08
605932	4121920	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-09	1.62E-06	1.00E-07
605952	4121920	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-09	1.84E-06	1.13E-07
605973	4121920	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-09	2.11E-06	1.28E-07
605992	4121920	0.000	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-09	2.45E-06	1.47E-07
606012	4121920	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-09	2.90E-06	1.72E-07
606032	4121920	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-09	3.50E-06	2.05E-07
606052	4121920	0.000	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-09	4.34E-06	2.51E-07
606072	4121920	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-09	5.56E-06	3.18E-07
606452	4121920	0.001	0.000	0.087	0.074	0.047	0.032	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-09	2.52E-05	1.48E-06
606472	4121920	0.001	0.000	0.060	0.051	0.032	0.022	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	8.46E-09	1.74E-05	1.07E-06
606532	4121920	0.001	0.000	0.024	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	6.81E-06	5.70E-07
606572	4121920	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	4.32E-06	4.78E-07
606592	4121920	0.001	0.000	0.012	0.010	0.007	0.005	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	3.56E-06	4.55E-07
606612	4121920	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	2.99E-06	4.35E-07
606632	4121920	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	2.53E-06	4.16E-07
606652	4121920	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	2.17E-06	3.97E-07
606672	4121920	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	1.90E-06	3.80E-07
606692	4121920	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-08	1.66E-06	3.60E-07
606712	4121920	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-08	1.48E-06	3.39E-07
606732	4121920	0.003	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-08	1.32E-06	3.18E-07
606752	4121920	0.003	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-08	1.19E-06	2.97E-07
606772	4121920	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-08	1.07E-06	2.76E-07
606792	4121920	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-08	9.76E-07	2.55E-07
606812	4121920	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-08	8.92E-07	2.35E-07
606832	4121920	0.005	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	6.42E-08	8.17E-07	2.16E-07
606852	4121920	0.005	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	6.77E-08	7.53E-07	1.98E-07
605632	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-09	5.13E-07	3.62E-08
605652	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-09	5.45E-07	3.82E-08
605672	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-09	5.81E-07	4.05E-08
605692	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-09	6.21E-07	4.29E-08
605712	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-09	6.66E-07	4.56E-08
605732	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-09	7.16E-07	4.86E-08
605752	4121940	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-09	7.72E-07	5.20E-08
605772	4121940	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-09	8.35E-07	5.57E-08
605792	4121940	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-09	9.09E-07	6.01E-08
605812	4121940	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-09	9.93E-07	6.50E-08
605832	4121940	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	1.09E-06	7.06E-08
605852	4121940	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	1.20E-06	7.70E-08
605872	4121940	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-09	1.33E-06	8.46E-08
605892	4121940	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-09	1.50E-06	9.40E-08
605912	4121940	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-09	1.68E-06	1.05E-07
605932	4121940	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	1.91E-06	1.17E-07
605952	4121940	0.000	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	2.19E-06	1.33E-07
605972	4121940	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.77E-09	2.55E-06	1.53E-07
605992	4121940	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-09	3.02E-06	1.80E-07

606012	4121940	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-09	3.64E-06	2.14E-07
606032	4121940	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-09	4.51E-06	2.62E-07
606052	4121940	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-09	5.79E-06	3.32E-07
606072	4121940	0.000	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-09	7.82E-06	4.44E-07
606532	4121940	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	5.31E-06	5.49E-07
606572	4121940	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	3.49E-06	5.02E-07
606592	4121940	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	2.94E-06	4.91E-07
606612	4121940	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.50E-06	4.76E-07
606632	4121940	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.14E-06	4.56E-07
606652	4121940	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	1.87E-06	4.36E-07
606672	4121940	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-08	1.65E-06	4.15E-07
606692	4121940	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-08	1.46E-06	3.88E-07
606712	4121940	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-08	1.30E-06	3.61E-07
606732	4121940	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-08	1.17E-06	3.35E-07
606752	4121940	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-08	1.06E-06	3.09E-07
606772	4121940	0.005	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	6.22E-08	9.63E-07	2.83E-07
606792	4121940	0.005	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-08	8.80E-07	2.59E-07
606812	4121940	0.005	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	7.28E-08	8.09E-07	2.36E-07
606832	4121940	0.006	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	7.71E-08	7.46E-07	2.14E-07
606852	4121940	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	8.10E-08	6.90E-07	1.96E-07
605632	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	5.53E-07	3.90E-08
605652	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-09	5.90E-07	4.12E-08
605672	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-09	6.31E-07	4.38E-08
605692	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-09	6.77E-07	4.66E-08
605712	4121960	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	7.28E-07	4.97E-08
605732	4121960	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	7.86E-07	5.31E-08
605752	4121960	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-09	8.52E-07	5.71E-08
605772	4121960	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	9.26E-07	6.15E-08
605792	4121960	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	1.01E-06	6.66E-08
605812	4121960	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-09	1.11E-06	7.25E-08
605832	4121960	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	1.23E-06	7.91E-08
605852	4121960	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	1.36E-06	8.69E-08
605872	4121960	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-09	1.53E-06	9.63E-08
605892	4121960	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-09	1.73E-06	1.08E-07
605912	4121960	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-09	1.96E-06	1.21E-07
605932	4121960	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	2.26E-06	1.38E-07
605952	4121960	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	2.62E-06	1.58E-07
605972	4121960	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-09	3.10E-06	1.85E-07
605992	4121960	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-09	3.73E-06	2.20E-07
606012	4121960	0.000	0.000	0.016	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-09	4.58E-06	2.67E-07
606032	4121960	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-09	5.80E-06	3.34E-07
606052	4121960	0.000	0.000	0.026	0.022	0.014	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-09	7.66E-06	4.36E-07
606072	4121960	0.000	0.000	0.037	0.031	0.020	0.013	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-09	1.06E-05	5.99E-07
606572	4121960	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	2.85E-06	5.61E-07
606592	4121960	0.002	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	2.44E-06	5.55E-07
606612	4121960	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	2.11E-06	5.37E-07
606632	4121960	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	1.83E-06	5.12E-07
606652	4121960	0.003	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-08	1.62E-06	4.84E-07
606672	4121960	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-08	1.44E-06	4.53E-07
606692	4121960	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	1.28E-06	4.17E-07
606712	4121960	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-08	1.15E-06	3.83E-07
606732	4121960	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-08	1.05E-06	3.51E-07
606752	4121960	0.005	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-08	9.55E-07	3.18E-07
606772	4121960	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	7.73E-08	8.74E-07	2.87E-07
606792	4121960	0.006	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-08	8.03E-07	2.60E-07
606812	4121960	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	8.90E-08	7.39E-07	2.33E-07
606832	4121960	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	9.34E-08	6.84E-07	2.09E-07
606852	4121960	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	9.72E-08	6.35E-07	1.90E-07
605632	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-09	5.97E-07	4.19E-08
605652	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-09	6.39E-07	4.45E-08
605672	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	6.85E-07	4.73E-08
605692	4121980	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-09	7.38E-07	5.05E-08
605712	4121980	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-09	7.97E-07	5.41E-08
605732	4121980	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	8.64E-07	5.81E-08
605752	4121980	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-09	9.40E-07	6.27E-08
605772	4121980	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-09	1.03E-06	6.79E-08
605792	4121980	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-09	1.13E-06	7.39E-08
605812	4121980	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	1.25E-06	8.09E-08
605832	4121980	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-09	1.38E-06	8.87E-08
605852	4121980	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-09	1.55E-06	9.81E-08
605872	4121980	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	1.75E-06	1.10E-07
605892	4121980	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-09	1.99E-06	1.24E-07
605912	4121980	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-09	2.29E-06	1.40E-07
605932	4121980	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-09	2.66E-06	1.61E-07
605952	4121980	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.28E-09	3.13E-06	1.88E-07
605972	4121980	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-09	3.74E-06	2.22E-07
605992	4121980	0.000	0.000	0.016	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-09	4.56E-06	2.67E-07
606012	4121980	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-09	5.68E-06	3.29E-07
606032	4121980	0.000	0.000	0.025	0.021	0.014	0.009	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-09	7.29E-06	4.18E-07
606052	4121980	0.000	0.000	0.033	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	9.69E-06	5.50E-07
606072	4121980	0.000	0.000	0.046	0.039	0.025	0.017	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-09	1.34E-05	7.52E-07
606512	4121980	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	3.93E-06	6.38E-07
606532	4121980	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	3.27E-06	6.55E-07
606572	4121980	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.37E-06	6.60E-07
606592	4121980	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.06E-06	6.47E-07
606612	4121980	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-08	1.80E-06	6.18E-07
606632	4121980	0.003	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-08	1.59E-06	5.78E-07
606652	4121980	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	1.42E-06	5.36E-07
606672	4121980	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-08	1.27E-06	4.92E-07
606692	4121980	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-08	1.14E-06	4.44E-07
606712	4121980	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-08	1.04E-06	4.00E-07
606732	4121980	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-08	9.47E-07	3.60E-07
606752	4121980	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	8.77E-08	8.63E-07	3.20E-07
606772	4121980	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	9.65E-08	7.94E-07	2.85E-07
606792	4121980	0.008	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	7.34E-07	2.55E-07
606812	4121980	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	6.79E-07	2.26E-07
606832	4121980	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	6.30E-07	2.01E-07
606852	4121980	0.009	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	5.89E-07	1.81E-07
605632	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-09	6.44E-07	4.50E-08
605652	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	6.91E-07	4.79E-08
605672	4122000	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-09	7.44E-07	5.12E-08
605692	4122000	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	8.04E-07	5.48E-08
605712	4122000	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-09	8.72E-07	5.89E-08
605732	4122000	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-09	9.49E-07	6.36E-08
605752	4122000	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-09	1.04E-06	6.88E-08
605772	4122000	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-09	1.14E-06	7.49E-08
605792	4122000	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-09	1.26E-06	8.19E-08

605812	4122000	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	1.40E-06	9.01E-08
605832	4122000	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-09	1.56E-06	9.94E-08
605852	4122000	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-09	1.75E-06	1.11E-07
605872	4122000	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.15E-09	2.00E-06	1.25E-07
605892	4122000	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-09	2.29E-06	1.41E-07
605912	4122000	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-09	2.64E-06	1.61E-07
605932	4122000	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	3.08E-06	1.86E-07
605952	4122000	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-09	3.67E-06	2.19E-07
605972	4122000	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.75E-09	4.42E-06	2.61E-07
605992	4122000	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	5.40E-06	3.15E-07
606012	4122000	0.000	0.000	0.023	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-09	6.74E-06	3.90E-07
606032	4122000	0.000	0.000	0.030	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-09	8.67E-06	4.97E-07
606052	4122000	0.000	0.000	0.039	0.034	0.021	0.014	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-09	1.14E-05	6.48E-07
606072	4122000	0.000	0.000	0.053	0.045	0.029	0.019	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.50E-09	1.53E-05	8.64E-07
606292	4122000	0.001	0.000	0.129	0.110	0.069	0.047	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-09	3.73E-05	2.09E-06
606312	4122000	0.001	0.000	0.110	0.094	0.059	0.041	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.18E-09	3.19E-05	1.81E-06
606332	4122000	0.001	0.000	0.096	0.082	0.052	0.035	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.51E-09	2.78E-05	1.59E-06
606352	4122000	0.001	0.000	0.083	0.071	0.045	0.031	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-09	2.41E-05	1.41E-06
606512	4122000	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.069	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	3.17E-06	7.75E-07
606532	4122000	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	2.69E-06	8.08E-07
606612	4122000	0.003	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.072	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-08	1.57E-06	7.12E-07
606632	4122000	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	1.39E-06	6.48E-07
606652	4122000	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	5.21E-08	1.25E-06	5.84E-07
606672	4122000	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-08	1.13E-06	5.22E-07
606692	4122000	0.006	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-08	1.02E-06	4.61E-07
606712	4122000	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-08	9.35E-07	4.07E-07
606732	4122000	0.008	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	8.60E-07	3.60E-07
606752	4122000	0.008	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	7.88E-07	3.15E-07
606772	4122000	0.009	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-07	7.27E-07	2.76E-07
606792	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	6.75E-07	2.45E-07
606812	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	6.26E-07	2.15E-07
606832	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	5.84E-07	1.90E-07
606852	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	5.48E-07	1.70E-07
605632	4122020	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-09	6.96E-07	4.85E-08
605652	4122020	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-09	7.49E-07	5.17E-08
605672	4122020	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-09	8.09E-07	5.54E-08
605692	4122020	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-09	8.77E-07	5.95E-08
605712	4122020	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	9.54E-07	6.42E-08
605732	4122020	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-09	1.04E-06	6.95E-08
605752	4122020	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.77E-09	1.14E-06	7.56E-08
605772	4122020	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-09	1.26E-06	8.26E-08
605792	4122020	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-09	1.40E-06	9.07E-08
605812	4122020	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-09	1.56E-06	1.00E-07
605832	4122020	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-09	1.75E-06	1.11E-07
605852	4122020	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-09	1.98E-06	1.24E-07
605872	4122020	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-09	2.26E-06	1.40E-07
605892	4122020	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-09	2.60E-06	1.60E-07
605912	4122020	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-09	3.02E-06	1.84E-07
605932	4122020	0.000	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-09	3.55E-06	2.14E-07
605952	4122020	0.000	0.000	0.015	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-09	4.23E-06	2.52E-07
605972	4122020	0.000	0.000	0.018	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-09	5.11E-06	3.01E-07
605992	4122020	0.000	0.000	0.021	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-09	6.24E-06	3.64E-07
606012	4122020	0.000	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-09	7.76E-06	4.48E-07
606032	4122020	0.000	0.000	0.034	0.029	0.018	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-09	9.88E-06	5.66E-07
606052	4122020	0.000	0.000	0.044	0.038	0.024	0.016	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-09	1.28E-05	7.27E-07
606072	4122020	0.000	0.000	0.058	0.050	0.031	0.021	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-09	1.69E-05	9.53E-07
606272	4122020	0.001	0.000	0.121	0.103	0.065	0.045	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-09	3.50E-05	1.98E-06
606292	4122020	0.001	0.000	0.095	0.081	0.051	0.035	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-09	2.76E-05	1.58E-06
606312	4122020	0.001	0.000	0.079	0.068	0.043	0.029	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-09	2.30E-05	1.33E-06
606332	4122020	0.001	0.000	0.067	0.057	0.036	0.025	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	9.66E-09	1.94E-05	1.15E-06
606352	4122020	0.001	0.000	0.057	0.048	0.031	0.021	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.64E-05	1.01E-06
606512	4122020	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.101	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	2.65E-06	1.02E-06
606532	4122020	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.107	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.27E-06	1.05E-06
606612	4122020	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.084	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-08	1.38E-06	8.05E-07
606632	4122020	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-08	1.24E-06	7.08E-07
606652	4122020	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-08	1.12E-06	6.19E-07
606672	4122020	0.006	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	8.16E-08	1.02E-06	5.39E-07
606692	4122020	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	9.80E-08	9.27E-07	4.65E-07
606712	4122020	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	8.51E-07	4.03E-07
606732	4122020	0.010	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	7.87E-07	3.50E-07
606752	4122020	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	7.24E-07	3.02E-07
606772	4122020	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-07	6.69E-07	2.62E-07
606792	4122020	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	6.25E-07	2.30E-07
606812	4122020	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	5.81E-07	2.01E-07
606832	4122020	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	5.44E-07	1.77E-07
606852	4122020	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	5.11E-07	1.58E-07
605632	4122040	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-09	7.52E-07	5.21E-08
605652	4122040	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-09	8.11E-07	5.58E-08
605672	4122040	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	8.79E-07	5.99E-08
605692	4122040	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-09	9.56E-07	6.46E-08
605712	4122040	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-09	1.04E-06	6.99E-08
605732	4122040	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	1.14E-06	7.59E-08
605752	4122040	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-09	1.26E-06	8.28E-08
605772	4122040	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-09	1.40E-06	9.08E-08
605792	4122040	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	1.55E-06	1.00E-07
605812	4122040	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-09	1.74E-06	1.11E-07
605832	4122040	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.46E-09	1.96E-06	1.24E-07
605852	4122040	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-09	2.22E-06	1.39E-07
605872	4122040	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-09	2.54E-06	1.57E-07
605892	4122040	0.000	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-09	2.94E-06	1.80E-07
605912	4122040	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-09	3.42E-06	2.07E-07
605932	4122040	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-09	4.02E-06	2.41E-07
605952	4122040	0.000	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-09	4.78E-06	2.84E-07
605972	4122040	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.54E-09	5.75E-06	3.38E-07
605992	4122040	0.000	0.000	0.024	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-09	7.01E-06	4.08E-07
606012	4122040	0.000	0.000	0.030	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.93E-09	8.65E-06	5.00E-07
606032	4122040	0.000	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-09	1.08E-05	6.21E-07
606052	4122040	0.000	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.35E-09	1.38E-05	7.86E-07
606072	4122040	0.000	0.000	0.062	0.053	0.033	0.023	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.59E-09	1.80E-05	1.02E-06
606272	4122040	0.001	0.000	0.094	0.080	0.051	0.035	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.80E-09	2.72E-05	1.57E-06
606292	4122040	0.001	0.000	0.072	0.061	0.039	0.026	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	2.08E-05	1.22E-06
606312	4122040	0.001	0.000	0.058	0.050	0.031	0.021	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	1.69E-05	1.02E-06
606332	4122040	0.001	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.40E-05	8.84E-07
606352	4122040	0.001	0.000	0.040	0.034	0.022	0.015	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-05	7.87E-07
606512	4122040	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.150	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.26E-06	1.43E-06
606532	4122040	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.149	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-08	1.96E-06	1.40E-06
606572	4122040	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.125	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-08	1.52E-06	1.17E-06

606592	4122040	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.109	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-08	1.37E-06	1.03E-06
606612	4122040	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	5.41E-08	1.23E-06	8.79E-07
606632	4122040	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.000	6.84E-08	1.11E-06	7.45E-07
606652	4122040	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-08	1.01E-06	6.32E-07
606672	4122040	0.008	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	9.23E-07	5.35E-07
606692	4122040	0.010	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	8.45E-07	4.52E-07
606712	4122040	0.012	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	7.79E-07	3.85E-07
606732	4122040	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-07	7.23E-07	3.31E-07
606752	4122040	0.014	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	6.68E-07	2.82E-07
606772	4122040	0.015	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-07	6.20E-07	2.43E-07
606792	4122040	0.016	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-07	5.81E-07	2.12E-07
606812	4122040	0.016	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-07	5.42E-07	1.84E-07
606832	4122040	0.015	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-07	5.09E-07	1.62E-07
606852	4122040	0.015	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-07	4.80E-07	1.44E-07
605632	4122060	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-09	8.11E-07	5.60E-08
605652	4122060	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-09	8.78E-07	6.01E-08
605672	4122060	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.77E-09	9.54E-07	6.48E-08
605692	4122060	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-09	1.04E-06	7.00E-08
605712	4122060	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	1.14E-06	7.60E-08
605732	4122060	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-09	1.25E-06	8.28E-08
605752	4122060	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	1.38E-06	9.06E-08
605772	4122060	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-09	1.54E-06	9.97E-08
605792	4122060	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.46E-09	1.72E-06	1.10E-07
605812	4122060	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-09	1.93E-06	1.22E-07
605832	4122060	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-09	2.18E-06	1.37E-07
605852	4122060	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	2.48E-06	1.54E-07
605872	4122060	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-09	2.84E-06	1.75E-07
605892	4122060	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.21E-09	3.28E-06	2.00E-07
605912	4122060	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-09	3.81E-06	2.30E-07
605932	4122060	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-09	4.47E-06	2.68E-07
605952	4122060	0.000	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-09	5.30E-06	3.15E-07
605972	4122060	0.000	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-09	6.32E-06	3.72E-07
605992	4122060	0.000	0.000	0.026	0.022	0.014	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-09	7.64E-06	4.46E-07
606012	4122060	0.000	0.000	0.032	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.42E-09	9.33E-06	5.40E-07
606032	4122060	0.000	0.000	0.040	0.034	0.021	0.015	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-09	1.15E-05	6.62E-07
606052	4122060	0.001	0.000	0.050	0.043	0.027	0.018	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-09	1.45E-05	8.26E-07
606072	4122060	0.001	0.000	0.064	0.054	0.034	0.023	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-09	1.85E-05	1.05E-06
606272	4122060	0.001	0.000	0.067	0.057	0.036	0.025	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.95E-05	1.17E-06
606292	4122060	0.001	0.000	0.052	0.044	0.028	0.019	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.50E-05	9.34E-07
606312	4122060	0.001	0.000	0.042	0.036	0.023	0.016	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.22E-05	8.04E-07
606332	4122060	0.001	0.000	0.035	0.030	0.019	0.013	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.03E-05	7.25E-07
606352	4122060	0.001	0.000	0.030	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	8.62E-06	6.79E-07
606572	4122060	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.145	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-08	1.35E-06	1.33E-06
606592	4122060	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-08	1.22E-06	1.11E-06
606612	4122060	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.097	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-08	1.10E-06	9.08E-07
606632	4122060	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.000	9.05E-08	1.00E-06	7.45E-07
606652	4122060	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	9.18E-07	6.14E-07
606672	4122060	0.011	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	8.43E-07	5.09E-07
606692	4122060	0.014	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-07	7.76E-07	4.23E-07
606712	4122060	0.016	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-07	7.18E-07	3.55E-07
606732	4122060	0.018	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-07	6.69E-07	3.02E-07
606752	4122060	0.019	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-07	6.20E-07	2.56E-07
606772	4122060	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-07	5.78E-07	2.20E-07
606792	4122060	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-07	5.43E-07	1.91E-07
606812	4122060	0.019	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-07	5.07E-07	1.66E-07
606832	4122060	0.018	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-07	4.78E-07	1.46E-07
606852	4122060	0.017	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-07	4.52E-07	1.30E-07
607052	4122060	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-08	2.76E-07	5.19E-08
605632	4122080	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-09	8.75E-07	6.02E-08
605652	4122080	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	9.50E-07	6.48E-08
605672	4122080	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-09	1.03E-06	6.99E-08
605692	4122080	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-09	1.13E-06	7.57E-08
605712	4122080	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-09	1.24E-06	8.24E-08
605732	4122080	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-09	1.37E-06	9.00E-08
605752	4122080	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-09	1.51E-06	9.87E-08
605772	4122080	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-09	1.69E-06	1.09E-07
605792	4122080	0.000	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-09	1.88E-06	1.21E-07
605812	4122080	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-09	2.12E-06	1.34E-07
605832	4122080	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-09	2.40E-06	1.51E-07
605852	4122080	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-09	2.73E-06	1.70E-07
605872	4122080	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-09	3.13E-06	1.93E-07
605892	4122080	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.56E-09	3.61E-06	2.20E-07
605912	4122080	0.000	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-09	4.18E-06	2.53E-07
605932	4122080	0.000	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.97E-09	4.88E-06	2.93E-07
605952	4122080	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-09	5.75E-06	3.42E-07
606272	4122080	0.001	0.000	0.045	0.039	0.024	0.017	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.31E-05	8.53E-07
606292	4122080	0.001	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.07E-05	7.44E-07
606312	4122080	0.001	0.000	0.031	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	9.08E-06	6.88E-07
606332	4122080	0.001	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	7.76E-06	6.64E-07
606352	4122080	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	6.60E-06	6.77E-07
606572	4122080	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.154	0.000	0.000	0.000	0.000	0.000	0.000	5.26E-08	1.21E-06	1.41E-06
606592	4122080	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.121	0.000	0.000	0.000	0.000	0.000	0.000	6.86E-08	1.10E-06	1.12E-06
606612	4122080	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.000	0.000	9.21E-08	1.00E-06	8.84E-07
606632	4122080	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	9.15E-07	7.04E-07
606652	4122080	0.013	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	8.41E-07	5.68E-07
606672	4122080	0.017	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-07	7.76E-07	4.63E-07
606692	4122080	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-07	7.17E-07	3.81E-07
606712	4122080	0.024	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-07	6.66E-07	3.17E-07
606732	4122080	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-07	6.20E-07	2.67E-07
606752	4122080	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-07	5.78E-07	2.27E-07
606772	4122080	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-07	5.41E-07	1.95E-07
606792	4122080	0.024	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-07	5.09E-07	1.70E-07
606812	4122080	0.023	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-07	4.78E-07	1.48E-07
606892	4122080	0.014	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	3.82E-07	9.37E-08
606912	4122080	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-07	3.63E-07	8.48E-08
606932	4122080	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	3.46E-07	7.74E-08
605632	4122100	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-09	9.42E-07	6.45E-08
605652	4122100	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-09	1.02E-06	6.96E-08
605672	4122100	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	1.12E-06	7.53E-08
605692	4122100	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-09	1.22E-06	8.17E-08
605712	4122100	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-09	1.35E-06	8.91E-08
605732	4122100	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-09	1.49E-06	9.75E-08
605752	4122100	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-09	1.65E-06	1.07E-07
605772	4122100	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-09	1.84E-06	1.18E-07
605792	4122100	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-09	2.05E-06	1.31E-07
605812	4122100	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-09	2.31E-06	1.46E-07
605832	4122100	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-09	2.61E-06	1.64E-07

605852	4122100	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-09	2.96E-06	1.84E-07
605872	4122100	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-09	3.37E-06	2.08E-07
605892	4122100	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.93E-09	3.89E-06	2.38E-07
605912	4122100	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-09	4.48E-06	2.72E-07
606572	4122100	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.149	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-08	1.10E-06	1.36E-06
606592	4122100	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-08	1.00E-06	1.04E-06
606612	4122100	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	9.13E-07	7.96E-07
606632	4122100	0.014	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-07	8.37E-07	6.22E-07
606652	4122100	0.019	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-07	7.72E-07	4.95E-07
606672	4122100	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-07	7.14E-07	4.00E-07
606692	4122100	0.031	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-07	6.63E-07	3.29E-07
606712	4122100	0.035	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-07	6.19E-07	2.74E-07
606852	4122100	0.020	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-07	4.03E-07	1.04E-07
606872	4122100	0.017	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-07	3.83E-07	9.34E-08
606892	4122100	0.015	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-07	3.63E-07	8.43E-08
606912	4122100	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	3.46E-07	7.68E-08
606932	4122100	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	3.30E-07	7.04E-08
605632	4122120	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-09	1.01E-06	6.91E-08
605652	4122120	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	1.10E-06	7.47E-08
605672	4122120	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-09	1.21E-06	8.09E-08
605692	4122120	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-09	1.32E-06	8.79E-08
605712	4122120	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-09	1.45E-06	9.60E-08
605732	4122120	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-09	1.61E-06	1.05E-07
605752	4122120	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-09	1.78E-06	1.16E-07
605772	4122120	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-09	1.98E-06	1.28E-07
605792	4122120	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.26E-09	2.22E-06	1.41E-07
605812	4122120	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-09	2.49E-06	1.58E-07
605832	4122120	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-09	2.81E-06	1.76E-07
605852	4122120	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.86E-09	3.17E-06	1.98E-07
605872	4122120	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.09E-09	3.60E-06	2.22E-07
605992	4122120	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.76E-09	8.47E-06	5.03E-07
606012	4122120	0.001	0.000	0.034	0.029	0.018	0.013	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-09	9.87E-06	5.83E-07
606032	4122120	0.001	0.000	0.040	0.034	0.021	0.015	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.50E-09	1.15E-05	6.78E-07
606052	4122120	0.001	0.000	0.046	0.040	0.025	0.017	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-09	1.35E-05	7.89E-07
606512	4122120	0.004	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.372	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-08	1.38E-06	3.32E-06
606532	4122120	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.259	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-08	1.23E-06	2.33E-06
606552	4122120	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.183	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-08	1.11E-06	1.65E-06
606572	4122120	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.131	0.000	0.000	0.000	0.000	0.000	0.000	8.89E-08	1.00E-06	1.20E-06
606592	4122120	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	9.16E-07	8.90E-07
606772	4122120	0.038	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-07	4.78E-07	1.48E-07
606792	4122120	0.033	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-07	4.51E-07	1.30E-07
606812	4122120	0.028	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-07	4.26E-07	1.15E-07
606852	4122120	0.020	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-07	3.82E-07	9.25E-08
606872	4122120	0.017	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-07	3.63E-07	8.38E-08
606892	4122120	0.014	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-07	3.46E-07	7.61E-08
606912	4122120	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	3.29E-07	6.98E-08
605632	4122140	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-09	1.09E-06	7.39E-08
605652	4122140	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-09	1.18E-06	7.99E-08
605672	4122140	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-09	1.29E-06	8.67E-08
605692	4122140	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-09	1.42E-06	9.42E-08
605712	4122140	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-09	1.56E-06	1.03E-07
605732	4122140	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-09	1.72E-06	1.13E-07
605752	4122140	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-09	1.91E-06	1.24E-07
605772	4122140	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-09	2.12E-06	1.37E-07
605792	4122140	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	2.37E-06	1.51E-07
605812	4122140	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-09	2.65E-06	1.68E-07
605832	4122140	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-09	2.98E-06	1.88E-07
605852	4122140	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-09	3.35E-06	2.09E-07
605932	4122140	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-09	5.57E-06	3.39E-07
605952	4122140	0.001	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	6.36E-06	3.85E-07
605972	4122140	0.001	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.98E-09	7.25E-06	4.37E-07
605992	4122140	0.001	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.36E-09	8.27E-06	4.97E-07
606012	4122140	0.001	0.000	0.032	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.76E-09	9.43E-06	5.64E-07
606032	4122140	0.001	0.000	0.037	0.031	0.020	0.014	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.20E-09	1.07E-05	6.39E-07
606052	4122140	0.001	0.000	0.041	0.035	0.022	0.015	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.68E-09	1.21E-05	7.18E-07
606072	4122140	0.001	0.000	0.046	0.039	0.025	0.017	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.33E-05	7.92E-07
606132	4122140	0.001	0.000	0.050	0.043	0.027	0.018	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.46E-05	8.93E-07
606152	4122140	0.001	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.40E-05	8.74E-07
606172	4122140	0.001	0.000	0.044	0.038	0.024	0.016	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.29E-05	8.31E-07
606652	4122140	0.062	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	8.38E-07	6.64E-07	3.36E-07
606672	4122140	0.077	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-06	6.18E-07	2.75E-07
606712	4122140	0.072	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	9.70E-07	5.40E-07	1.94E-07
606732	4122140	0.062	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	8.36E-07	5.07E-07	1.67E-07
606752	4122140	0.052	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	7.01E-07	4.77E-07	1.45E-07
606772	4122140	0.043	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-07	4.50E-07	1.28E-07
606792	4122140	0.035	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	4.75E-07	4.25E-07	1.13E-07
606812	4122140	0.029	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-07	4.03E-07	1.02E-07
606832	4122140	0.024	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-07	3.82E-07	9.13E-08
606852	4122140	0.019	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-07	3.63E-07	8.28E-08
605632	4122160	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-09	1.16E-06	7.88E-08
605652	4122160	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-09	1.26E-06	8.52E-08
605672	4122160	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-09	1.38E-06	9.24E-08
605692	4122160	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.90E-09	1.51E-06	1.01E-07
605712	4122160	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-09	1.67E-06	1.10E-07
605732	4122160	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-09	1.84E-06	1.20E-07
605752	4122160	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.43E-09	2.03E-06	1.32E-07
605772	4122160	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-09	2.25E-06	1.45E-07
605792	4122160	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.85E-09	2.50E-06	1.60E-07
605812	4122160	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.08E-09	2.79E-06	1.78E-07
605832	4122160	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-09	3.12E-06	1.97E-07
605912	4122160	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.46E-09	4.96E-06	3.06E-07
605932	4122160	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-09	5.58E-06	3.43E-07
605952	4122160	0.001	0.000	0.022	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-09	6.27E-06	3.85E-07
605972	4122160	0.001	0.000	0.024	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-09	7.04E-06	4.30E-07
605992	4122160	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.99E-09	7.87E-06	4.80E-07
606012	4122160	0.001	0.000	0.030	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-09	8.76E-06	5.33E-07
606032	4122160	0.001	0.000	0.033	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.95E-09	9.65E-06	5.88E-07
606052	4122160	0.001	0.000	0.036	0.031	0.019	0.013	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-05	6.41E-07
606072	4122160	0.001	0.000	0.038	0.033	0.021	0.014	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.12E-05	6.85E-07
606132	4122160	0.001	0.000	0.039	0.033	0.021	0.014	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.13E-05	7.30E-07
606152	4122160	0.001	0.000	0.037	0.031	0.020	0.014	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.07E-05	7.16E-07
606172	4122160	0.001	0.000	0.034	0.029	0.018	0.012	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	9.85E-06	6.92E-07
606512	4122160	0.007	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.272	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-08	1.15E-06	2.43E-06
606532	4122160	0.008	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.170	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.04E-06	1.54E-06
606552	4122160	0.010	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.112	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	9.39E-07	1.03E-06
606652	4122160	0.129	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-06	6.20E-07	2.68E-07
606672	4122160	0.132	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-06	5.78E-07	2.23E-07

606712	4122160	0.090	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-06	5.07E-07	1.63E-07
606732	4122160	0.071	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	9.65E-07	4.77E-07	1.42E-07
606752	4122160	0.056	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-07	4.50E-07	1.25E-07
606772	4122160	0.044	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-07	4.25E-07	1.11E-07
606792	4122160	0.035	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-07	4.03E-07	9.98E-08
606872	4122160	0.015	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-07	3.30E-07	6.85E-08
606892	4122160	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	3.15E-07	6.31E-08
606912	4122160	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	3.01E-07	5.83E-08
605632	4122180	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-09	1.23E-06	8.36E-08
605652	4122180	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-09	1.34E-06	9.05E-08
605672	4122180	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	1.47E-06	9.81E-08
605692	4122180	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-09	1.61E-06	1.07E-07
605712	4122180	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-09	1.76E-06	1.16E-07
605732	4122180	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-09	1.94E-06	1.27E-07
605752	4122180	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-09	2.14E-06	1.39E-07
605772	4122180	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.93E-09	2.37E-06	1.53E-07
605792	4122180	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.17E-09	2.62E-06	1.68E-07
605812	4122180	0.000	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.41E-09	2.91E-06	1.86E-07
605832	4122180	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-09	3.23E-06	2.05E-07
605892	4122180	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.60E-09	4.44E-06	2.78E-07
605912	4122180	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.95E-09	4.93E-06	3.08E-07
605932	4122180	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.33E-09	5.48E-06	3.42E-07
605952	4122180	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.74E-09	6.07E-06	3.78E-07
605972	4122180	0.001	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-09	6.68E-06	4.16E-07
605992	4122180	0.001	0.000	0.025	0.022	0.014	0.009	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-09	7.32E-06	4.56E-07
606012	4122180	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	7.96E-06	4.97E-07
606032	4122180	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	8.54E-06	5.36E-07
606052	4122180	0.001	0.000	0.031	0.026	0.017	0.011	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	9.04E-06	5.71E-07
606132	4122180	0.001	0.000	0.031	0.026	0.017	0.011	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	9.02E-06	6.24E-07
606152	4122180	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	8.49E-06	6.20E-07
606172	4122180	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	7.83E-06	6.15E-07
606332	4122180	0.002	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.221	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-08	3.08E-06	2.10E-06
606352	4122180	0.003	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.345	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-08	2.76E-06	3.16E-06
606672	4122180	0.185	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-06	5.44E-07	1.84E-07
606712	4122180	0.099	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-06	4.78E-07	1.39E-07
606812	4122180	0.025	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-07	3.63E-07	8.07E-08
606832	4122180	0.020	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-07	3.46E-07	7.37E-08
606852	4122180	0.016	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-07	3.29E-07	6.76E-08
606872	4122180	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	3.14E-07	6.24E-08
606892	4122180	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	3.01E-07	5.78E-08
606912	4122180	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	2.88E-07	5.37E-08
605872	4122200	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.71E-09	4.00E-06	2.55E-07
605892	4122200	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-09	4.40E-06	2.79E-07
605912	4122200	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.46E-09	4.83E-06	3.07E-07
605932	4122200	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.89E-09	5.29E-06	3.36E-07
605952	4122200	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-09	5.76E-06	3.66E-07
605972	4122200	0.001	0.000	0.021	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-09	6.24E-06	3.97E-07
605992	4122200	0.001	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	6.71E-06	4.29E-07
606012	4122200	0.001	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	7.14E-06	4.59E-07
606032	4122200	0.001	0.000	0.026	0.022	0.014	0.009	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	7.50E-06	4.87E-07
606052	4122200	0.001	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	7.77E-06	5.12E-07
606072	4122200	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	7.88E-06	5.30E-07
606132	4122200	0.001	0.000	0.025	0.022	0.014	0.009	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	7.37E-06	5.58E-07
606152	4122200	0.001	0.000	0.024	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	6.93E-06	5.64E-07
606172	4122200	0.001	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	6.42E-06	5.75E-07
606332	4122200	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.246	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-08	2.71E-06	2.29E-06
606352	4122200	0.003	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.361	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-08	2.44E-06	3.28E-06
606672	4122200	0.202	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-06	5.13E-07	1.55E-07
606752	4122200	0.049	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-07	4.04E-07	9.64E-08
606772	4122200	0.036	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-07	3.83E-07	8.73E-08
606792	4122200	0.027	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-07	3.63E-07	7.95E-08
606812	4122200	0.021	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-07	3.46E-07	7.28E-08
606832	4122200	0.016	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-07	3.29E-07	6.69E-08
606852	4122200	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	3.14E-07	6.18E-08
606872	4122200	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-07	3.00E-07	5.73E-08
606892	4122200	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	2.88E-07	5.33E-08
605872	4122220	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.18E-09	3.94E-06	2.55E-07
605892	4122220	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.58E-09	4.29E-06	2.77E-07
605912	4122220	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.01E-09	4.66E-06	3.01E-07
605932	4122220	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-09	5.03E-06	3.26E-07
605952	4122220	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-09	5.40E-06	3.52E-07
605972	4122220	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	5.75E-06	3.77E-07
605992	4122220	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	6.08E-06	4.02E-07
606012	4122220	0.001	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	6.36E-06	4.25E-07
606032	4122220	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	6.56E-06	4.46E-07
606052	4122220	0.001	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	6.69E-06	4.65E-07
606132	4122220	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	6.14E-06	5.16E-07
606152	4122220	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	5.78E-06	5.32E-07
606172	4122220	0.002	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	5.37E-06	5.55E-07
606292	4122220	0.003	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.131	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-08	2.96E-06	1.30E-06
606712	4122220	0.084	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-06	4.29E-07	1.05E-07
606732	4122220	0.057	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-07	4.05E-07	9.50E-08
606752	4122220	0.040	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.43E-07	3.84E-07	8.61E-08
606772	4122220	0.029	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-07	3.64E-07	7.86E-08
606792	4122220	0.022	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-07	3.46E-07	7.21E-08
606812	4122220	0.017	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-07	3.30E-07	6.63E-08
605872	4122240	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-09	3.84E-06	2.53E-07
605892	4122240	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-09	4.14E-06	2.73E-07
605912	4122240	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-09	4.43E-06	2.94E-07
605932	4122240	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	4.72E-06	3.14E-07
605952	4122240	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	5.00E-06	3.35E-07
605972	4122240	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	5.25E-06	3.56E-07
605992	4122240	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	5.47E-06	3.76E-07
606012	4122240	0.001	0.000	0.019	0.017	0.010	0.007	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	5.63E-06	3.95E-07
606032	4122240	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	5.74E-06	4.12E-07
606052	4122240	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	5.79E-06	4.28E-07
606132	4122240	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	5.21E-06	4.90E-07
606152	4122240	0.002	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-08	4.90E-06	5.14E-07
606192	4122240	0.002	0.000	0.015	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	4.23E-06	5.95E-07
606292	4122240	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.128	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-08	2.62E-06	1.26E-06
606312	4122240	0.004	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.161	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-08	2.36E-06	1.53E-06
606332	4122240	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.196	0.000	0.000	0.000	0.000	0.000	0.000	5.65E-08	2.13E-06	1.83E-06
606352	4122240	0.005	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.227	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-08	1.93E-06	2.08E-06
606392	4122240	0.007	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.235	0.000	0.000	0.000	0.000	0.000	0.000	9.16E-08	1.56E-06	2.14E-06
606412	4122240	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.214	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.40E-06	1.95E-06
606452	4122240	0.013	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.136	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.14E-06	1.25E-06
606472	4122240	0.017	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-07	1.03E-06	8.70E-07

606712	4122240	0.064	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-07	4.08E-07	9.41E-08
606732	4122240	0.043	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-07	3.86E-07	8.54E-08
606752	4122240	0.030	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-07	3.66E-07	7.80E-08
605852	4122260	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.75E-09	3.46E-06	2.32E-07
605872	4122260	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.20E-09	3.70E-06	2.48E-07
605892	4122260	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-09	3.93E-06	2.66E-07
605912	4122260	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	4.16E-06	2.83E-07
605932	4122260	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	4.38E-06	3.01E-07
605952	4122260	0.001	0.000	0.016	0.013	0.009	0.006	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	4.58E-06	3.18E-07
605972	4122260	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	4.74E-06	3.35E-07
605992	4122260	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	4.88E-06	3.52E-07
606012	4122260	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	4.97E-06	3.67E-07
606032	4122260	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	5.01E-06	3.83E-07
606052	4122260	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	5.01E-06	3.98E-07
606132	4122260	0.002	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	4.49E-06	4.75E-07
606152	4122260	0.002	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	4.22E-06	5.03E-07
606172	4122260	0.002	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	3.95E-06	5.42E-07
606192	4122260	0.002	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	3.67E-06	5.94E-07
606212	4122260	0.002	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	3.38E-06	6.62E-07
606292	4122260	0.004	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.117	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-08	2.33E-06	1.15E-06
606312	4122260	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.137	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-08	2.12E-06	1.31E-06
606332	4122260	0.005	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.154	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-08	1.92E-06	1.45E-06
606352	4122260	0.006	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.165	0.000	0.000	0.000	0.000	0.000	0.000	7.85E-08	1.74E-06	1.54E-06
606392	4122260	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.157	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.42E-06	1.44E-06
606412	4122260	0.010	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.28E-06	1.28E-06
606452	4122260	0.017	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-07	1.05E-06	8.28E-07
606472	4122260	0.022	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-07	9.52E-07	6.19E-07
606712	4122260	0.043	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-07	3.89E-07	8.51E-08
605852	4122280	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-09	3.33E-06	2.28E-07
605872	4122280	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-09	3.51E-06	2.42E-07
605892	4122280	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	3.69E-06	2.57E-07
605912	4122280	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	3.88E-06	2.73E-07
605932	4122280	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	4.05E-06	2.89E-07
605952	4122280	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	4.19E-06	3.04E-07
605972	4122280	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	4.30E-06	3.18E-07
605992	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	4.37E-06	3.33E-07
606012	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	4.41E-06	3.47E-07
606032	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	4.42E-06	3.62E-07
606052	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	4.39E-06	3.77E-07
606172	4122280	0.002	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-08	3.45E-06	5.35E-07
606192	4122280	0.002	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-08	3.21E-06	5.85E-07
606212	4122280	0.003	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-08	2.97E-06	6.48E-07
606232	4122280	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-08	2.73E-06	7.24E-07
606292	4122280	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.102	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-08	2.09E-06	1.00E-06
606312	4122280	0.005	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-08	1.91E-06	1.08E-06
606332	4122280	0.006	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	7.88E-08	1.74E-06	1.14E-06
606352	4122280	0.007	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.123	0.000	0.000	0.000	0.000	0.000	0.000	9.33E-08	1.58E-06	1.15E-06
606372	4122280	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.119	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.43E-06	1.12E-06
606392	4122280	0.010	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.110	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.30E-06	1.03E-06
606412	4122280	0.013	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	1.18E-06	9.03E-07
606432	4122280	0.016	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-07	1.07E-06	7.57E-07
606452	4122280	0.021	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-07	9.74E-07	6.08E-07
606472	4122280	0.028	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-07	8.88E-07	4.76E-07
606492	4122280	0.038	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-07	8.11E-07	3.70E-07
606512	4122280	0.053	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-07	7.44E-07	2.93E-07
606532	4122280	0.076	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-06	6.85E-07	2.39E-07
606552	4122280	0.113	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-06	6.33E-07	2.01E-07
606572	4122280	0.170	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-06	5.86E-07	1.71E-07
606892	4122280	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-08	2.45E-07	4.08E-08
606912	4122280	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	2.35E-07	3.85E-08
605632	4122300	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-09	1.57E-06	1.09E-07
605652	4122300	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-09	1.69E-06	1.16E-07
605672	4122300	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.46E-09	1.81E-06	1.25E-07
605692	4122300	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.74E-09	1.94E-06	1.34E-07
605852	4122300	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-09	3.19E-06	2.24E-07
605872	4122300	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	3.33E-06	2.36E-07
605892	4122300	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	3.45E-06	2.48E-07
605912	4122300	0.001	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	3.60E-06	2.62E-07
605932	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	3.73E-06	2.77E-07
605952	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	3.82E-06	2.91E-07
605972	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	3.89E-06	3.04E-07
605992	4122300	0.001	0.000	0.013	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	3.93E-06	3.17E-07
606012	4122300	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	3.94E-06	3.31E-07
606032	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	3.92E-06	3.45E-07
606052	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	3.88E-06	3.61E-07
606292	4122300	0.005	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-08	1.89E-06	8.53E-07
606312	4122300	0.006	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.091	0.000	0.000	0.000	0.000	0.000	0.000	7.79E-08	1.73E-06	8.87E-07
606332	4122300	0.007	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-08	1.58E-06	8.99E-07
606352	4122300	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.44E-06	8.86E-07
606392	4122300	0.012	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-07	1.20E-06	7.65E-07
606412	4122300	0.015	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	1.09E-06	6.74E-07
606432	4122300	0.019	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-07	9.94E-07	5.72E-07
606452	4122300	0.024	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-07	9.08E-07	4.72E-07
606472	4122300	0.032	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-07	8.30E-07	3.82E-07
606492	4122300	0.042	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-07	7.61E-07	3.07E-07
606512	4122300	0.057	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	7.77E-07	7.00E-07	2.50E-07
606832	4122300	0.005	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-08	2.67E-07	4.61E-08
606852	4122300	0.005	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.17E-08	2.56E-07	4.32E-08
606872	4122300	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-08	2.45E-07	4.07E-08
606892	4122300	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-08	2.36E-07	3.84E-08
606912	4122300	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-08	2.27E-07	3.64E-08
605632	4122320	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-09	1.60E-06	1.12E-07
605652	4122320	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-09	1.71E-06	1.19E-07
605672	4122320	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.76E-09	1.83E-06	1.27E-07
605692	4122320	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.06E-09	1.95E-06	1.36E-07
605772	4122320	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.47E-09	2.48E-06	1.74E-07
605792	4122320	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.90E-09	2.62E-06	1.85E-07
605852	4122320	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	3.02E-06	2.19E-07
605872	4122320	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	3.12E-06	2.29E-07
605892	4122320	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	3.23E-06	2.41E-07
605912	4122320	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	3.33E-06	2.53E-07
605932	4122320	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	3.43E-06	2.67E-07
605952	4122320	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	3.49E-06	2.79E-07
605972	4122320	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	3.52E-06	2.91E-07
605992	4122320	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	3.53E-06	3.04E-07
606012	4122320	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	3.52E-06	3.17E-07
606032	4122320	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	3.49E-06	3.31E-07

606392	4122320	0.014	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.11E-06	5.93E-07
606412	4122320	0.017	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-07	1.01E-06	5.25E-07
606432	4122320	0.021	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	9.28E-07	4.53E-07
606452	4122320	0.027	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-07	8.49E-07	3.81E-07
606472	4122320	0.034	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-07	7.79E-07	3.16E-07
606752	4122320	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	3.08E-07	5.64E-08
606772	4122320	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-08	2.94E-07	5.25E-08
606792	4122320	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.11E-08	2.80E-07	4.91E-08
606812	4122320	0.005	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-08	2.68E-07	4.60E-08
606832	4122320	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-08	2.57E-07	4.32E-08
606852	4122320	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-08	2.46E-07	4.07E-08
606872	4122320	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-08	2.37E-07	3.85E-08
606892	4122320	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-08	2.28E-07	3.64E-08
606912	4122320	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-08	2.19E-07	3.45E-08
605632	4122340	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.51E-09	1.62E-06	1.14E-07
605652	4122340	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-09	1.72E-06	1.21E-07
605672	4122340	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.08E-09	1.83E-06	1.29E-07
605692	4122340	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-09	1.94E-06	1.37E-07
605712	4122340	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	2.05E-06	1.46E-07
605732	4122340	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.11E-09	2.17E-06	1.54E-07
605752	4122340	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.50E-09	2.28E-06	1.63E-07
605772	4122340	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.93E-09	2.40E-06	1.73E-07
605792	4122340	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-09	2.52E-06	1.82E-07
605812	4122340	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-09	2.64E-06	1.93E-07
605832	4122340	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	2.75E-06	2.03E-07
605852	4122340	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	2.85E-06	2.13E-07
605872	4122340	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	2.93E-06	2.23E-07
605892	4122340	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	3.01E-06	2.34E-07
605912	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	3.07E-06	2.44E-07
605932	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	3.14E-06	2.57E-07
605952	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	3.18E-06	2.69E-07
605972	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	3.19E-06	2.80E-07
606692	4122340	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-07	3.46E-07	6.60E-08
606712	4122340	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	3.28E-07	6.09E-08
606732	4122340	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	3.11E-07	5.65E-08
606752	4122340	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.43E-08	2.97E-07	5.26E-08
606772	4122340	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-08	2.83E-07	4.92E-08
606792	4122340	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-08	2.70E-07	4.61E-08
606812	4122340	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-08	2.59E-07	4.33E-08
606832	4122340	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-08	2.48E-07	4.08E-08
606852	4122340	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-08	2.38E-07	3.85E-08
606872	4122340	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-08	2.29E-07	3.64E-08
606892	4122340	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-08	2.20E-07	3.45E-08
606912	4122340	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-08	2.12E-07	3.28E-08
605632	4122360	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.80E-09	1.62E-06	1.16E-07
605652	4122360	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-09	1.72E-06	1.23E-07
605672	4122360	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-09	1.82E-06	1.30E-07
605692	4122360	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.76E-09	1.92E-06	1.38E-07
605712	4122360	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-09	2.02E-06	1.46E-07
605732	4122360	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-09	2.12E-06	1.54E-07
605752	4122360	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-09	2.21E-06	1.62E-07
605772	4122360	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.38E-09	2.31E-06	1.70E-07
605792	4122360	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.88E-09	2.41E-06	1.79E-07
605812	4122360	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	2.50E-06	1.88E-07
605832	4122360	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	2.59E-06	1.98E-07
605852	4122360	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	2.67E-06	2.08E-07
605872	4122360	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	2.74E-06	2.17E-07
605892	4122360	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	2.79E-06	2.27E-07
605912	4122360	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	2.83E-06	2.37E-07
605952	4122360	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	2.90E-06	2.60E-07
606632	4122360	0.026	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-07	3.96E-07	8.02E-08
606652	4122360	0.019	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-07	3.72E-07	7.27E-08
606672	4122360	0.014	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-07	3.52E-07	6.66E-08
606692	4122360	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	3.33E-07	6.13E-08
606712	4122360	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	3.16E-07	5.69E-08
606732	4122360	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.49E-08	3.00E-07	5.29E-08
606772	4122360	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-08	2.73E-07	4.62E-08
606792	4122360	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-08	2.61E-07	4.34E-08
606812	4122360	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-08	2.50E-07	4.09E-08
606832	4122360	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-08	2.40E-07	3.86E-08
606852	4122360	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-08	2.30E-07	3.65E-08
606872	4122360	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	2.21E-07	3.46E-08
606892	4122360	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	2.13E-07	3.28E-08
606912	4122360	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.05E-07	3.13E-08
605632	4122380	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-09	1.62E-06	1.17E-07
605652	4122380	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.43E-09	1.71E-06	1.24E-07
605672	4122380	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.77E-09	1.79E-06	1.31E-07
605692	4122380	0.001	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-09	1.88E-06	1.38E-07
605712	4122380	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-09	1.97E-06	1.46E-07
605732	4122380	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	2.06E-06	1.53E-07
605752	4122380	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-09	2.14E-06	1.60E-07
605772	4122380	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-09	2.22E-06	1.68E-07
605792	4122380	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	2.30E-06	1.76E-07
605812	4122380	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	2.37E-06	1.85E-07
605832	4122380	0.001	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	2.44E-06	1.94E-07
605852	4122380	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	2.50E-06	2.02E-07
605872	4122380	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	2.55E-06	2.11E-07
605892	4122380	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	2.59E-06	2.20E-07
605912	4122380	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	2.62E-06	2.30E-07
606572	4122380	0.033	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-07	4.59E-07	1.03E-07
606592	4122380	0.030	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-07	4.30E-07	9.16E-08
606612	4122380	0.025	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-07	4.04E-07	8.23E-08
606632	4122380	0.019	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-07	3.80E-07	7.45E-08
606652	4122380	0.015	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	3.58E-07	6.79E-08
606752	4122380	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-08	2.77E-07	4.65E-08
606772	4122380	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-08	2.64E-07	4.36E-08
606792	4122380	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-08	2.52E-07	4.10E-08
606812	4122380	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-08	2.42E-07	3.87E-08
606832	4122380	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	2.32E-07	3.66E-08
606852	4122380	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	2.23E-07	3.47E-08
606872	4122380	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	2.14E-07	3.29E-08
606892	4122380	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.06E-07	3.13E-08
605632	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-09	1.61E-06	1.18E-07
605652	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-09	1.68E-06	1.24E-07
605672	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-09	1.76E-06	1.31E-07
605692	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-09	1.84E-06	1.38E-07
605712	4122400	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	1.92E-06	1.45E-07

605732	4122400	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.44E-09	1.99E-06	1.52E-07
605752	4122400	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.92E-09	2.06E-06	1.58E-07
605772	4122400	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	2.13E-06	1.66E-07
605792	4122400	0.001	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	2.19E-06	1.74E-07
605812	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	2.25E-06	1.81E-07
605832	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	2.30E-06	1.89E-07
605852	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	2.35E-06	1.98E-07
605872	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	2.38E-06	2.06E-07
605892	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	2.40E-06	2.14E-07
605912	4122400	0.001	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	2.43E-06	2.24E-07
605932	4122400	0.001	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	2.44E-06	2.34E-07
606512	4122400	0.028	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-07	5.38E-07	1.37E-07
606532	4122400	0.027	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-07	5.02E-07	1.21E-07
606552	4122400	0.026	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-07	4.69E-07	1.07E-07
606572	4122400	0.025	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-07	4.39E-07	9.50E-08
606592	4122400	0.022	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-07	4.12E-07	8.52E-08
606692	4122400	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	3.10E-07	5.42E-08
606712	4122400	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-08	2.94E-07	5.03E-08
606732	4122400	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-08	2.80E-07	4.69E-08
606752	4122400	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-08	2.67E-07	4.39E-08
606772	4122400	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-08	2.55E-07	4.13E-08
606792	4122400	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	2.44E-07	3.88E-08
606812	4122400	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	2.34E-07	3.67E-08
606832	4122400	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-08	2.25E-07	3.48E-08
605632	4122420	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.79E-09	1.58E-06	1.19E-07
605652	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-09	1.65E-06	1.25E-07
605672	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.55E-09	1.72E-06	1.31E-07
605692	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	1.79E-06	1.37E-07
605712	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.44E-09	1.86E-06	1.44E-07
605732	4122420	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.94E-09	1.92E-06	1.50E-07
605752	4122420	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.97E-06	1.56E-07
605772	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	2.03E-06	1.63E-07
605792	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	2.08E-06	1.70E-07
605812	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	2.13E-06	1.78E-07
605832	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	2.17E-06	1.85E-07
605852	4122420	0.001	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	2.20E-06	1.93E-07
605872	4122420	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	2.22E-06	2.01E-07
605892	4122420	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	2.24E-06	2.09E-07
605912	4122420	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	2.25E-06	2.18E-07
606452	4122420	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-07	6.36E-07	1.79E-07
606472	4122420	0.021	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-07	5.91E-07	1.59E-07
606492	4122420	0.022	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-07	5.51E-07	1.41E-07
606512	4122420	0.022	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-07	5.14E-07	1.25E-07
606532	4122420	0.021	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-07	4.81E-07	1.11E-07
606552	4122420	0.020	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-07	4.50E-07	9.87E-08
606632	4122420	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	3.52E-07	6.56E-08
606652	4122420	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	3.33E-07	6.00E-08
606672	4122420	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	3.16E-07	5.53E-08
606692	4122420	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.02E-08	2.99E-07	5.11E-08
606712	4122420	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.49E-08	2.85E-07	4.76E-08
606732	4122420	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-08	2.71E-07	4.44E-08
606752	4122420	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-08	2.59E-07	4.16E-08
606772	4122420	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-08	2.48E-07	3.92E-08
606852	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.10E-07	3.15E-08
606872	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.02E-07	3.00E-08
606892	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	1.95E-07	2.86E-08
606912	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	1.88E-07	2.73E-08
605632	4122440	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-09	1.55E-06	1.19E-07
605652	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.55E-09	1.61E-06	1.24E-07
605672	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	1.68E-06	1.30E-07
605692	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.43E-09	1.73E-06	1.36E-07
605712	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.92E-09	1.79E-06	1.42E-07
605732	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.84E-06	1.48E-07
605752	4122440	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.89E-06	1.54E-07
605772	4122440	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.93E-06	1.61E-07
605792	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.98E-06	1.68E-07
605812	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	2.01E-06	1.75E-07
605832	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	2.04E-06	1.82E-07
605852	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	2.06E-06	1.89E-07
605872	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	2.08E-06	1.96E-07
605892	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	2.09E-06	2.04E-07
606452	4122440	0.017	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-07	6.03E-07	1.59E-07
606472	4122440	0.018	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-07	5.63E-07	1.43E-07
606492	4122440	0.018	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-07	5.26E-07	1.28E-07
606552	4122440	0.016	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	4.32E-07	9.15E-08
606612	4122440	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	3.59E-07	6.76E-08
606632	4122440	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	3.40E-07	6.18E-08
606652	4122440	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	3.22E-07	5.68E-08
606672	4122440	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-08	3.05E-07	5.25E-08
606692	4122440	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-08	2.90E-07	4.85E-08
606712	4122440	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-08	2.76E-07	4.52E-08
606732	4122440	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-08	2.63E-07	4.23E-08
606812	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	2.21E-07	3.34E-08
606832	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.12E-07	3.17E-08
606852	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-08	2.04E-07	3.01E-08
606872	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	1.97E-07	2.87E-08
606892	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	1.90E-07	2.74E-08
606912	4122440	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	1.83E-07	2.62E-08
605632	4122460	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-09	1.52E-06	1.18E-07
605652	4122460	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.96E-09	1.57E-06	1.24E-07
605672	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-09	1.62E-06	1.29E-07
605692	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-09	1.68E-06	1.35E-07
605712	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.72E-06	1.41E-07
605732	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.77E-06	1.46E-07
605752	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.81E-06	1.52E-07
605772	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.84E-06	1.59E-07
605792	4122460	0.001	0.000	0.006	0.006	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.87E-06	1.65E-07
605812	4122460	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.90E-06	1.71E-07
605832	4122460	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.92E-06	1.78E-07
606392	4122460	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	7.05E-07	1.88E-07
606412	4122460	0.014	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-07	6.58E-07	1.73E-07
606432	4122460	0.014	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	6.15E-07	1.58E-07
606552	4122460	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	4.14E-07	8.50E-08
606572	4122460	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	3.90E-07	7.69E-08
606592	4122460	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	3.67E-07	6.99E-08
606612	4122460	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	3.47E-07	6.37E-08
606632	4122460	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	3.28E-07	5.85E-08

606652	4122460	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.71E-08	3.11E-07	5.39E-08
606672	4122460	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-08	2.95E-07	4.98E-08
606752	4122460	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-08	2.44E-07	3.79E-08
606772	4122460	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-08	2.33E-07	3.57E-08
606792	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-08	2.24E-07	3.38E-08
606812	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.15E-07	3.20E-08
606832	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-08	2.07E-07	3.04E-08
606852	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	1.99E-07	2.89E-08
606872	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	1.92E-07	2.76E-08
606892	4122460	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	1.85E-07	2.63E-08
606912	4122460	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.78E-07	2.52E-08
606332	4122480	0.010	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	8.11E-07	2.02E-07
606352	4122480	0.011	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	7.59E-07	1.91E-07
606372	4122480	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	7.12E-07	1.79E-07
606392	4122480	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	6.67E-07	1.67E-07
606412	4122480	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	6.25E-07	1.55E-07
606432	4122480	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	5.85E-07	1.43E-07
606452	4122480	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-07	5.47E-07	1.30E-07
606472	4122480	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	5.11E-07	1.18E-07
606512	4122480	0.012	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-07	4.50E-07	9.63E-08
606532	4122480	0.011	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	4.23E-07	8.73E-08
606552	4122480	0.011	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	3.98E-07	7.92E-08
606572	4122480	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	3.75E-07	7.21E-08
606592	4122480	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	3.54E-07	6.58E-08
606612	4122480	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	3.35E-07	6.04E-08
606672	4122480	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-08	2.86E-07	4.75E-08
606692	4122480	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-08	2.72E-07	4.42E-08
606712	4122480	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-08	2.60E-07	4.12E-08
606732	4122480	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-08	2.48E-07	3.86E-08
606752	4122480	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	2.37E-07	3.63E-08
606772	4122480	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-08	2.27E-07	3.42E-08
606792	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-08	2.18E-07	3.23E-08
606812	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-08	2.09E-07	3.07E-08
606832	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-08	2.01E-07	2.92E-08
606852	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-08	1.94E-07	2.78E-08
606872	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	1.87E-07	2.65E-08
606892	4122480	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	1.80E-07	2.53E-08
606912	4122480	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-08	1.74E-07	2.43E-08
606332	4122500	0.009	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	7.62E-07	1.80E-07
606372	4122500	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	6.73E-07	1.61E-07
606392	4122500	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-07	6.32E-07	1.51E-07
606412	4122500	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	5.94E-07	1.40E-07
606432	4122500	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	5.57E-07	1.29E-07
606472	4122500	0.011	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	4.89E-07	1.08E-07
606492	4122500	0.010	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	4.59E-07	9.82E-08
606512	4122500	0.010	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	4.32E-07	8.95E-08
606532	4122500	0.010	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	4.07E-07	8.16E-08
606632	4122500	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.38E-08	3.07E-07	5.28E-08
606652	4122500	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-08	2.92E-07	4.88E-08
606672	4122500	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-08	2.77E-07	4.53E-08
606692	4122500	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-08	2.64E-07	4.22E-08
606712	4122500	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-08	2.52E-07	3.95E-08
606732	4122500	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-08	2.41E-07	3.70E-08
606752	4122500	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-08	2.31E-07	3.48E-08
606772	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-08	2.21E-07	3.29E-08
606792	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	2.12E-07	3.11E-08
606812	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-08	2.04E-07	2.95E-08
606832	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	1.96E-07	2.81E-08
606852	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	1.89E-07	2.68E-08
606872	4122500	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.82E-07	2.56E-08
606892	4122500	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-07	2.44E-08
606912	4122500	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.70E-07	2.34E-08
606272	4122520	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-08	8.55E-07	1.85E-07
606292	4122520	0.008	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	8.07E-07	1.78E-07
606392	4122520	0.009	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	6.00E-07	1.36E-07
606412	4122520	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	5.65E-07	1.27E-07
606432	4122520	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	5.31E-07	1.18E-07
606472	4122520	0.009	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	4.69E-07	9.95E-08
606552	4122520	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	3.70E-07	6.99E-08
606572	4122520	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-08	3.50E-07	6.41E-08
606592	4122520	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-08	3.31E-07	5.90E-08
606612	4122520	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.18E-08	3.14E-07	5.44E-08
606632	4122520	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.30E-08	2.98E-07	5.03E-08
606652	4122520	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-08	2.83E-07	4.67E-08
606672	4122520	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-08	2.69E-07	4.33E-08
606692	4122520	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-08	2.57E-07	4.04E-08
606712	4122520	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-08	2.45E-07	3.79E-08
606732	4122520	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-08	2.35E-07	3.56E-08
606752	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-08	2.25E-07	3.35E-08
606772	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.15E-07	3.17E-08
606792	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.07E-07	3.00E-08
606812	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	1.99E-07	2.85E-08
606832	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	1.91E-07	2.71E-08
606852	4122520	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.84E-07	2.59E-08
606872	4122520	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.78E-07	2.47E-08
606892	4122520	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.72E-07	2.36E-08
606272	4122540	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	9.22E-08	8.03E-07	1.67E-07
606292	4122540	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	9.73E-08	7.61E-07	1.61E-07
606312	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	7.20E-07	1.54E-07
606332	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	6.81E-07	1.47E-07
606352	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	6.42E-07	1.40E-07
606372	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	6.06E-07	1.32E-07
606392	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	5.71E-07	1.24E-07
606412	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	5.38E-07	1.16E-07
606432	4122540	0.008	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	5.07E-07	1.08E-07
606492	4122540	0.008	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	4.24E-07	8.49E-08
606512	4122540	0.007	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	4.00E-07	7.79E-08
606532	4122540	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-08	3.78E-07	7.16E-08
606552	4122540	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.07E-08	3.57E-07	6.58E-08
606572	4122540	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.49E-08	3.38E-07	6.06E-08
606592	4122540	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.84E-08	3.20E-07	5.59E-08
606612	4122540	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-08	3.04E-07	5.17E-08
606632	4122540	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.42E-08	2.89E-07	4.80E-08
606652	4122540	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-08	2.75E-07	4.46E-08
606672	4122540	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	2.62E-07	4.16E-08
606692	4122540	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.46E-08	2.50E-07	3.89E-08
606712	4122540	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-08	2.39E-07	3.64E-08

606732	4122540	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-08	2.29E-07	3.43E-08
606752	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-08	2.19E-07	3.24E-08
606772	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.10E-07	3.06E-08
606792	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-08	2.02E-07	2.90E-08
606812	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	1.94E-07	2.75E-08
606832	4122540	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	1.87E-07	2.62E-08
606852	4122540	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.80E-07	2.50E-08
606872	4122540	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.74E-07	2.39E-08
606892	4122540	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.68E-07	2.29E-08
605632	4122560	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.29E-06	1.14E-07
605652	4122560	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.32E-06	1.18E-07
605672	4122560	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.34E-06	1.22E-07
605692	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.36E-06	1.26E-07
605712	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.37E-06	1.30E-07
605732	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.39E-06	1.34E-07
605752	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.40E-06	1.38E-07
605772	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.40E-06	1.42E-07
605792	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.40E-06	1.46E-07
605812	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.40E-06	1.50E-07
605832	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.40E-06	1.54E-07
605852	4122560	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	1.39E-06	1.58E-07
606292	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	9.10E-08	7.19E-07	1.47E-07
606312	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-08	6.81E-07	1.40E-07
606332	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-08	6.45E-07	1.34E-07
606352	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	9.96E-08	6.10E-07	1.28E-07
606492	4122560	0.007	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.12E-08	4.08E-07	7.91E-08
606512	4122560	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.75E-08	3.85E-07	7.29E-08
606532	4122560	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-08	3.64E-07	6.73E-08
606552	4122560	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-08	3.45E-07	6.21E-08
606572	4122560	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-08	3.27E-07	5.73E-08
606592	4122560	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-08	3.10E-07	5.31E-08
606612	4122560	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-08	2.94E-07	4.92E-08
606632	4122560	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-08	2.80E-07	4.59E-08
606652	4122560	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-08	2.67E-07	4.27E-08
606672	4122560	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-08	2.55E-07	3.99E-08
606692	4122560	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.05E-08	2.43E-07	3.74E-08
606712	4122560	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-08	2.33E-07	3.51E-08
606732	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-08	2.23E-07	3.31E-08
606752	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.14E-07	3.12E-08
606772	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	2.05E-07	2.95E-08
606792	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	1.97E-07	2.80E-08
606812	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	1.90E-07	2.66E-08
606832	4122560	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-08	1.83E-07	2.54E-08
606852	4122560	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.76E-07	2.42E-08
606872	4122560	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.70E-07	2.32E-08
605632	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.24E-06	1.12E-07
605652	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.26E-06	1.16E-07
605672	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.28E-06	1.20E-07
605692	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.30E-06	1.23E-07
605712	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.31E-06	1.27E-07
605732	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.32E-06	1.31E-07
605752	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.32E-06	1.34E-07
605772	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.33E-06	1.38E-07
605792	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.33E-06	1.42E-07
605812	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	1.32E-06	1.45E-07
605832	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	1.32E-06	1.49E-07
605852	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	1.31E-06	1.52E-07
605872	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-08	1.30E-06	1.55E-07
605892	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	1.28E-06	1.58E-07
605912	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	1.26E-06	1.61E-07
605932	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	1.25E-06	1.64E-07
606252	4122580	0.006	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	7.85E-08	7.51E-07	1.44E-07
606272	4122580	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-08	7.15E-07	1.39E-07
606292	4122580	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	8.46E-08	6.80E-07	1.34E-07
606312	4122580	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-08	6.46E-07	1.29E-07
606472	4122580	0.006	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.29E-08	4.15E-07	7.98E-08
606492	4122580	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.00E-08	3.92E-07	7.40E-08
606512	4122580	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-08	3.71E-07	6.84E-08
606532	4122580	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-08	3.52E-07	6.35E-08
606552	4122580	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.95E-08	3.33E-07	5.87E-08
606572	4122580	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-08	3.16E-07	5.44E-08
606592	4122580	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-08	3.00E-07	5.05E-08
606612	4122580	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-08	2.86E-07	4.71E-08
606632	4122580	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-08	2.72E-07	4.39E-08
606652	4122580	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-08	2.59E-07	4.10E-08
606672	4122580	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-08	2.48E-07	3.84E-08
606692	4122580	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-08	2.37E-07	3.60E-08
606712	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-08	2.27E-07	3.38E-08
606732	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-08	2.17E-07	3.19E-08
606752	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	2.08E-07	3.02E-08
606772	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-08	2.00E-07	2.86E-08
606792	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-08	1.93E-07	2.72E-08
606812	4122580	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.85E-07	2.58E-08
606832	4122580	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.79E-07	2.46E-08
606852	4122580	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.72E-07	2.35E-08
606992	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.96E-09	1.37E-07	1.78E-08
607012	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-09	1.33E-07	1.72E-08
607032	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-09	1.30E-07	1.66E-08
607052	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.43E-09	1.26E-07	1.61E-08
605932	4122600	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-08	1.17E-06	1.56E-07
606252	4122600	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-08	7.09E-07	1.33E-07
606272	4122600	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	7.62E-08	6.76E-07	1.28E-07
606292	4122600	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-08	6.44E-07	1.23E-07
606312	4122600	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	7.99E-08	6.13E-07	1.18E-07
606412	4122600	0.006	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-08	4.71E-07	9.14E-08
606432	4122600	0.006	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-08	4.46E-07	8.58E-08
606452	4122600	0.006	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-08	4.22E-07	8.02E-08
606472	4122600	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-08	4.00E-07	7.48E-08
606492	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.08E-08	3.78E-07	6.94E-08
606512	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.80E-08	3.58E-07	6.45E-08
606532	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.50E-08	3.40E-07	5.99E-08
606552	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.17E-08	3.23E-07	5.57E-08
606572	4122600	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.81E-08	3.07E-07	5.18E-08
606592	4122600	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-08	2.91E-07	4.82E-08
606612	4122600	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-08	2.77E-07	4.50E-08
606632	4122600	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-08	2.64E-07	4.20E-08
606652	4122600	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-08	2.52E-07	3.94E-08

606672	4122600	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-08	2.41E-07	3.69E-08
606692	4122600	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-08	2.31E-07	3.47E-08
606712	4122600	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-08	2.21E-07	3.27E-08
606992	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.52E-09	1.35E-07	1.73E-08
607012	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	1.31E-07	1.67E-08
607032	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.49E-09	1.27E-07	1.62E-08
607052	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.08E-09	1.24E-07	1.57E-08
605632	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.15E-06	1.09E-07
605652	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.16E-06	1.12E-07
605672	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.17E-06	1.15E-07
605692	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.18E-06	1.18E-07
605712	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.19E-06	1.21E-07
605752	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.19E-06	1.27E-07
605772	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.19E-06	1.30E-07
605792	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-08	1.18E-06	1.33E-07
605812	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	1.18E-06	1.36E-07
605832	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	1.17E-06	1.38E-07
605852	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	1.16E-06	1.41E-07
605872	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	1.15E-06	1.43E-07
605892	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	1.13E-06	1.45E-07
605932	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-08	1.10E-06	1.48E-07
606232	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-08	7.02E-07	1.26E-07
606252	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	6.92E-08	6.72E-07	1.22E-07
606272	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-08	6.41E-07	1.18E-07
606292	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-08	6.12E-07	1.14E-07
606312	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	7.33E-08	5.83E-07	1.09E-07
606352	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-08	5.27E-07	9.99E-08
606372	4122620	0.005	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-08	5.01E-07	9.51E-08
606412	4122620	0.005	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-08	4.51E-07	8.51E-08
606432	4122620	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-08	4.28E-07	8.00E-08
606452	4122620	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.77E-08	4.06E-07	7.51E-08
606472	4122620	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-08	3.85E-07	7.02E-08
606492	4122620	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-08	3.65E-07	6.54E-08
606512	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-08	3.46E-07	6.09E-08
606532	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-08	3.28E-07	5.67E-08
606552	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-08	3.12E-07	5.29E-08
606572	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-08	2.97E-07	4.93E-08
606592	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-08	2.83E-07	4.61E-08
606612	4122620	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	2.70E-07	4.31E-08
606632	4122620	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-08	2.57E-07	4.03E-08
606652	4122620	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-08	2.46E-07	3.79E-08
606672	4122620	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-08	2.35E-07	3.55E-08
606692	4122620	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	2.25E-07	3.35E-08
606992	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-09	1.32E-07	1.69E-08
607012	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.61E-09	1.29E-07	1.63E-08
607032	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-09	1.25E-07	1.58E-08
607052	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	1.22E-07	1.53E-08
605632	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.10E-06	1.07E-07
605652	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.11E-06	1.10E-07
605672	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.12E-06	1.12E-07
605692	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.12E-06	1.15E-07
605712	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.13E-06	1.18E-07
605752	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.13E-06	1.23E-07
605772	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.13E-06	1.26E-07
605792	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.12E-06	1.28E-07
605812	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	1.11E-06	1.31E-07
605832	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-08	1.10E-06	1.33E-07
605852	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	1.09E-06	1.35E-07
605872	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	1.08E-06	1.37E-07
605892	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	1.06E-06	1.38E-07
605932	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-08	1.03E-06	1.41E-07
606232	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-08	6.65E-07	1.17E-07
606252	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.46E-08	6.37E-07	1.13E-07
606272	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.58E-08	6.09E-07	1.09E-07
606292	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-08	5.82E-07	1.05E-07
606312	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-08	5.55E-07	1.01E-07
606352	4122640	0.005	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-08	5.04E-07	9.28E-08
606412	4122640	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-08	4.33E-07	7.94E-08
606432	4122640	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-08	4.11E-07	7.49E-08
606452	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-08	3.91E-07	7.04E-08
606472	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.88E-08	3.71E-07	6.60E-08
606492	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-08	3.52E-07	6.17E-08
606512	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-08	3.34E-07	5.77E-08
606532	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-08	3.18E-07	5.38E-08
606552	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.96E-08	3.03E-07	5.04E-08
606572	4122640	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-08	2.88E-07	4.71E-08
606592	4122640	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-08	2.75E-07	4.41E-08
606612	4122640	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-08	2.62E-07	4.13E-08
606632	4122640	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.77E-08	2.50E-07	3.88E-08
606652	4122640	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-08	2.39E-07	3.64E-08
606672	4122640	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-08	2.29E-07	3.44E-08
606732	4122640	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.02E-07	2.90E-08
606752	4122640	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	1.95E-07	2.75E-08
606772	4122640	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	1.87E-07	2.61E-08
606852	4122640	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.62E-07	2.17E-08
606872	4122640	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.57E-07	2.08E-08
606992	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.77E-09	1.30E-07	1.65E-08
607012	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-09	1.26E-07	1.59E-08
607032	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.84E-09	1.23E-07	1.54E-08
607052	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-09	1.20E-07	1.49E-08
605632	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.06E-06	1.05E-07
605652	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.06E-06	1.07E-07
605672	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.07E-06	1.10E-07
605692	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.07E-06	1.12E-07
605712	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.08E-06	1.15E-07
605752	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.07E-06	1.20E-07
605772	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.07E-06	1.22E-07
605792	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	1.06E-06	1.24E-07
605812	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	1.05E-06	1.26E-07
605832	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	1.04E-06	1.27E-07
605852	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	1.03E-06	1.29E-07
605872	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	1.02E-06	1.30E-07
605892	4122660	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	1.00E-06	1.32E-07
605932	4122660	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	9.73E-07	1.34E-07
606252	4122660	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-08	6.05E-07	1.05E-07
606272	4122660	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-08	5.80E-07	1.02E-07
606292	4122660	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-08	5.54E-07	9.79E-08

606312	4122660	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-08	5.30E-07	9.42E-08
606352	4122660	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-08	4.82E-07	8.65E-08
606412	4122660	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.78E-08	4.16E-07	7.44E-08
606432	4122660	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-08	3.96E-07	7.03E-08
606452	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-08	3.76E-07	6.62E-08
606472	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-08	3.58E-07	6.23E-08
606492	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-08	3.41E-07	5.85E-08
606512	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-08	3.23E-07	5.47E-08
606532	4122660	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	3.08E-07	5.12E-08
606552	4122660	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-08	2.93E-07	4.80E-08
606572	4122660	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-08	2.80E-07	4.50E-08
606592	4122660	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-08	2.67E-07	4.22E-08
606612	4122660	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	2.55E-07	3.96E-08
606632	4122660	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-08	2.44E-07	3.73E-08
606652	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-08	2.33E-07	3.51E-08
606672	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.23E-07	3.31E-08
606712	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.06E-07	2.97E-08
606732	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	1.98E-07	2.81E-08
606752	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	1.90E-07	2.67E-08
606772	4122660	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	1.83E-07	2.54E-08
606792	4122660	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.77E-07	2.42E-08
606832	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.64E-07	2.21E-08
606852	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.59E-07	2.11E-08
606872	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.54E-07	2.02E-08
606892	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.49E-07	1.94E-08
606992	4122660	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.44E-09	1.28E-07	1.61E-08
607012	4122660	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.98E-09	1.24E-07	1.56E-08
607032	4122660	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.56E-09	1.21E-07	1.51E-08
605632	4122680	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.01E-06	1.02E-07
605652	4122680	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.02E-06	1.05E-07
605672	4122680	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.02E-06	1.07E-07
605852	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	9.76E-07	1.24E-07
605872	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	9.62E-07	1.24E-07
605892	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	9.48E-07	1.25E-07
605932	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-08	9.18E-07	1.27E-07
605952	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-08	9.01E-07	1.27E-07
605972	4122680	0.003	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-08	8.83E-07	1.27E-07
606252	4122680	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	5.60E-08	5.76E-07	9.79E-08
606272	4122680	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.65E-08	5.52E-07	9.47E-08
606312	4122680	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-08	5.06E-07	8.80E-08
606352	4122680	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.56E-08	4.62E-07	8.09E-08
606372	4122680	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-08	4.40E-07	7.73E-08
606392	4122680	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-08	4.20E-07	7.36E-08
606412	4122680	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-08	4.00E-07	6.98E-08
606432	4122680	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-08	3.81E-07	6.61E-08
606452	4122680	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-08	3.63E-07	6.24E-08
606472	4122680	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-08	3.46E-07	5.89E-08
606492	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-08	3.29E-07	5.54E-08
606512	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-08	3.13E-07	5.19E-08
606532	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-08	2.99E-07	4.88E-08
606552	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-08	2.85E-07	4.58E-08
606572	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	2.72E-07	4.31E-08
606592	4122680	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	2.60E-07	4.05E-08
606612	4122680	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-08	2.48E-07	3.81E-08
606632	4122680	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	2.37E-07	3.59E-08
606652	4122680	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.27E-07	3.38E-08
606732	4122680	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	1.93E-07	2.72E-08
606752	4122680	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.86E-07	2.59E-08
606772	4122680	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.79E-07	2.47E-08
606792	4122680	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.73E-07	2.35E-08
606812	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.67E-07	2.25E-08
606832	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.61E-07	2.15E-08
606852	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.56E-07	2.06E-08
606872	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.51E-07	1.97E-08
606892	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.46E-07	1.90E-08
606992	4122680	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-09	1.26E-07	1.58E-08
607012	4122680	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.70E-09	1.22E-07	1.53E-08
607032	4122680	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.30E-09	1.19E-07	1.48E-08
605632	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	9.71E-07	1.00E-07
605652	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	9.74E-07	1.02E-07
605672	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	9.76E-07	1.04E-07
605692	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	9.77E-07	1.06E-07
605712	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-08	9.76E-07	1.08E-07
605752	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	9.69E-07	1.12E-07
605772	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	9.62E-07	1.13E-07
605792	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	9.55E-07	1.15E-07
605812	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	9.46E-07	1.16E-07
605852	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	9.24E-07	1.18E-07
605872	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	9.11E-07	1.19E-07
605892	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	8.97E-07	1.19E-07
605932	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-08	8.68E-07	1.20E-07
605952	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-08	8.52E-07	1.20E-07
605972	4122700	0.003	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-08	8.34E-07	1.19E-07
605992	4122700	0.003	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	8.17E-07	1.19E-07
606012	4122700	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	8.00E-07	1.18E-07
606032	4122700	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-08	7.81E-07	1.17E-07
606112	4122700	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-08	7.01E-07	1.10E-07
606132	4122700	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-08	6.80E-07	1.08E-07
606412	4122700	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-08	3.85E-07	6.57E-08
606432	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-08	3.67E-07	6.24E-08
606452	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	3.50E-07	5.90E-08
606472	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-08	3.34E-07	5.58E-08
606492	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-08	3.18E-07	5.26E-08
606512	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-08	3.04E-07	4.95E-08
606532	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	2.89E-07	4.66E-08
606552	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	2.76E-07	4.39E-08
606572	4122700	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-08	2.64E-07	4.13E-08
606592	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-08	2.52E-07	3.89E-08
606612	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-08	2.41E-07	3.66E-08
606632	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.31E-07	3.46E-08
606652	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-08	2.21E-07	3.27E-08
606732	4122700	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.89E-07	2.64E-08
606752	4122700	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-07	2.52E-08
606772	4122700	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.75E-07	2.40E-08
606792	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.69E-07	2.29E-08
606812	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.63E-07	2.19E-08
606832	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.58E-07	2.09E-08

606852	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.53E-07	2.01E-08
606872	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.48E-07	1.93E-08
605632	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	9.31E-07	9.76E-08
605652	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	9.33E-07	9.95E-08
605672	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	9.33E-07	1.01E-07
605692	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	9.32E-07	1.03E-07
605712	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	9.30E-07	1.05E-07
605752	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	9.21E-07	1.08E-07
605812	4122720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	8.97E-07	1.11E-07
605872	4122720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	8.63E-07	1.13E-07
605892	4122720	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	8.50E-07	1.14E-07
605952	4122720	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	8.06E-07	1.13E-07
605972	4122720	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	7.90E-07	1.13E-07
605992	4122720	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-08	7.74E-07	1.12E-07
606112	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-08	6.66E-07	1.03E-07
606132	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-08	6.45E-07	1.01E-07
606152	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-08	6.26E-07	9.86E-08
606172	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-08	6.06E-07	9.62E-08
606192	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-08	5.86E-07	9.37E-08
606212	4122720	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-08	5.65E-07	9.11E-08
606232	4122720	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	5.45E-07	8.85E-08
606252	4122720	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	5.24E-07	8.57E-08
606272	4122720	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	5.03E-07	8.29E-08
606292	4122720	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-08	4.83E-07	8.01E-08
606312	4122720	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-08	4.64E-07	7.73E-08
606352	4122720	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.66E-08	4.25E-07	7.13E-08
606372	4122720	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-08	4.07E-07	6.83E-08
606412	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-08	3.71E-07	6.20E-08
606432	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-08	3.54E-07	5.90E-08
606452	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-08	3.38E-07	5.59E-08
606472	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	3.23E-07	5.29E-08
606492	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	3.08E-07	5.01E-08
606512	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	2.94E-07	4.72E-08
606532	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	2.81E-07	4.45E-08
606552	4122720	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	2.69E-07	4.20E-08
606572	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-08	2.57E-07	3.96E-08
606592	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	2.46E-07	3.74E-08
606612	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.35E-07	3.53E-08
606632	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.25E-07	3.34E-08
606652	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.16E-07	3.16E-08
606732	4122720	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.85E-07	2.57E-08
606752	4122720	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.78E-07	2.45E-08
606772	4122720	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.72E-07	2.33E-08
606792	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.66E-07	2.23E-08
606812	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.60E-07	2.13E-08
606832	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.55E-07	2.04E-08
606852	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.50E-07	1.96E-08
607032	4122720	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.86E-09	1.15E-07	1.42E-08
605632	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	8.92E-07	9.51E-08
605652	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	8.93E-07	9.68E-08
605672	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	8.92E-07	9.84E-08
605692	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	8.91E-07	9.99E-08
605712	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	8.87E-07	1.01E-07
605752	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	8.77E-07	1.04E-07
605812	4122740	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	8.52E-07	1.06E-07
605872	4122740	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	8.19E-07	1.08E-07
605892	4122740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	8.06E-07	1.08E-07
605952	4122740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	7.65E-07	1.07E-07
605972	4122740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-08	7.50E-07	1.07E-07
605992	4122740	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-08	7.35E-07	1.06E-07
606112	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-08	6.33E-07	9.68E-08
606132	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-08	6.14E-07	9.46E-08
606152	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-08	5.95E-07	9.24E-08
606172	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-08	5.77E-07	9.02E-08
606192	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-08	5.58E-07	8.79E-08
606212	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-08	5.39E-07	8.55E-08
606232	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-08	5.20E-07	8.31E-08
606252	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-08	5.01E-07	8.05E-08
606272	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-08	4.82E-07	7.80E-08
606292	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.46E-08	4.63E-07	7.54E-08
606312	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.42E-08	4.45E-07	7.27E-08
606352	4122740	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.28E-08	4.09E-07	6.72E-08
606392	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-08	3.75E-07	6.16E-08
606412	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	3.58E-07	5.87E-08
606432	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.42E-07	5.59E-08
606452	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-08	3.27E-07	5.31E-08
606472	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-08	3.13E-07	5.04E-08
606492	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-08	2.99E-07	4.77E-08
606512	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-08	2.85E-07	4.51E-08
606532	4122740	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	2.73E-07	4.26E-08
606552	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	2.61E-07	4.03E-08
606572	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.50E-07	3.80E-08
606592	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.39E-07	3.60E-08
606612	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.29E-07	3.40E-08
606632	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	2.20E-07	3.22E-08
606732	4122740	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.81E-07	2.49E-08
606752	4122740	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.74E-07	2.38E-08
606772	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.68E-07	2.27E-08
606792	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.63E-07	2.17E-08
606812	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.57E-07	2.08E-08
606832	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.52E-07	1.99E-08
606952	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-09	1.27E-07	1.59E-08
606972	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-09	1.23E-07	1.54E-08
606992	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-09	1.20E-07	1.49E-08
607012	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-09	1.17E-07	1.44E-08
607032	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-09	1.14E-07	1.39E-08
607052	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-09	1.11E-07	1.35E-08
605632	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	8.55E-07	9.25E-08
605652	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	8.55E-07	9.40E-08
605672	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	8.54E-07	9.54E-08
605692	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	8.51E-07	9.67E-08
605712	4122760	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	8.47E-07	9.79E-08
605752	4122760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	8.36E-07	9.99E-08
605772	4122760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	8.29E-07	1.01E-07
605812	4122760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-08	8.11E-07	1.02E-07
605832	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	8.01E-07	1.02E-07
605872	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	7.78E-07	1.03E-07

605892	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-08	7.66E-07	1.03E-07
605912	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-08	7.54E-07	1.03E-07
605952	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	7.27E-07	1.02E-07
605972	4122760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-08	7.12E-07	1.01E-07
605992	4122760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	6.98E-07	1.00E-07
606112	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-08	6.02E-07	9.11E-08
606132	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-08	5.85E-07	8.90E-08
606152	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	5.67E-07	8.69E-08
606172	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-08	5.50E-07	8.48E-08
606192	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-08	5.32E-07	8.26E-08
606212	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	5.15E-07	8.04E-08
606232	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	4.97E-07	7.81E-08
606252	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	4.79E-07	7.58E-08
606272	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-08	4.62E-07	7.34E-08
606292	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-08	4.44E-07	7.10E-08
606312	4122760	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-08	4.27E-07	6.86E-08
606352	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-08	3.93E-07	6.35E-08
606392	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-08	3.61E-07	5.83E-08
606412	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.46E-07	5.57E-08
606432	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-08	3.31E-07	5.31E-08
606452	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.17E-07	5.05E-08
606472	4122760	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	3.03E-07	4.80E-08
606492	4122760	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	2.90E-07	4.55E-08
606512	4122760	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-08	2.77E-07	4.31E-08
606532	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-08	2.65E-07	4.08E-08
606552	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.54E-07	3.87E-08
606572	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.43E-07	3.66E-08
606592	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.33E-07	3.47E-08
606612	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.24E-07	3.28E-08
606732	4122760	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.77E-07	2.42E-08
606752	4122760	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.71E-07	2.31E-08
606772	4122760	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.65E-07	2.21E-08
606792	4122760	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.59E-07	2.12E-08
606812	4122760	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.54E-07	2.03E-08
606952	4122760	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.97E-09	1.25E-07	1.56E-08
606972	4122760	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-09	1.21E-07	1.51E-08
606992	4122760	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.14E-09	1.18E-07	1.46E-08
607012	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-09	1.15E-07	1.41E-08
607032	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.45E-09	1.12E-07	1.37E-08
607052	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-09	1.09E-07	1.33E-08
605632	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	8.20E-07	9.00E-08
605652	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	8.19E-07	9.12E-08
605672	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	8.17E-07	9.24E-08
605692	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	8.14E-07	9.35E-08
605712	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	8.09E-07	9.45E-08
605752	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	7.97E-07	9.62E-08
605772	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	7.90E-07	9.68E-08
605792	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-08	7.81E-07	9.73E-08
605812	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	7.72E-07	9.77E-08
605872	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	7.41E-07	9.81E-08
605892	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	7.29E-07	9.78E-08
605912	4122780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	7.17E-07	9.76E-08
605952	4122780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-08	6.92E-07	9.65E-08
605992	4122780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	6.64E-07	9.47E-08
606112	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.77E-08	5.74E-07	8.58E-08
606132	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-08	5.58E-07	8.38E-08
606152	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	5.42E-07	8.19E-08
606172	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	5.25E-07	7.99E-08
606192	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	5.09E-07	7.79E-08
606212	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-08	4.92E-07	7.58E-08
606232	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	4.76E-07	7.37E-08
606252	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-08	4.59E-07	7.15E-08
606272	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-08	4.43E-07	6.93E-08
606292	4122780	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-08	4.26E-07	6.71E-08
606312	4122780	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-08	4.10E-07	6.48E-08
606352	4122780	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-08	3.79E-07	6.01E-08
606372	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	3.63E-07	5.77E-08
606392	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.48E-07	5.53E-08
606412	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.34E-07	5.29E-08
606432	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-08	3.20E-07	5.05E-08
606452	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-08	3.07E-07	4.81E-08
606472	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	2.94E-07	4.58E-08
606492	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-08	2.81E-07	4.35E-08
606512	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.69E-07	4.13E-08
606532	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.58E-07	3.92E-08
606552	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-08	2.47E-07	3.72E-08
606572	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.37E-07	3.52E-08
606592	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	2.27E-07	3.34E-08
606852	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.42E-07	1.83E-08
606872	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-09	1.37E-07	1.76E-08
606892	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-09	1.33E-07	1.69E-08
606912	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-09	1.30E-07	1.64E-08
606932	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.16E-09	1.26E-07	1.58E-08
606952	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.71E-09	1.23E-07	1.53E-08
606972	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.30E-09	1.19E-07	1.48E-08
606992	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.92E-09	1.16E-07	1.43E-08
607012	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.57E-09	1.13E-07	1.39E-08
607032	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-09	1.10E-07	1.34E-08
607052	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-09	1.07E-07	1.30E-08
605632	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	7.87E-07	8.74E-08
605652	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	7.85E-07	8.85E-08
605672	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-08	7.82E-07	8.94E-08
605692	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	7.78E-07	9.04E-08
605712	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	7.73E-07	9.12E-08
605732	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	7.68E-07	9.19E-08
605772	4122800	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	7.54E-07	9.29E-08
605872	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	7.06E-07	9.35E-08
605892	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	6.94E-07	9.32E-08
605912	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	6.83E-07	9.28E-08
605952	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-08	6.59E-07	9.15E-08
605992	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-08	6.33E-07	8.97E-08
606032	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-08	6.06E-07	8.73E-08
606112	4122800	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	5.48E-07	8.09E-08
606352	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-08	3.65E-07	5.70E-08
606372	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-08	3.51E-07	5.49E-08
606392	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-08	3.37E-07	5.26E-08
606412	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.23E-07	5.04E-08

606432	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-08	3.10E-07	4.81E-08
606452	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.97E-07	4.59E-08
606472	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.85E-07	4.38E-08
606492	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.73E-07	4.17E-08
606512	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-08	2.62E-07	3.96E-08
606532	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.51E-07	3.77E-08
606552	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.41E-07	3.58E-08
606572	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.31E-07	3.40E-08
606672	4122800	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.89E-07	2.64E-08
606692	4122800	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.82E-07	2.51E-08
606712	4122800	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.76E-07	2.40E-08
606732	4122800	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.70E-07	2.29E-08
606752	4122800	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.64E-07	2.19E-08
606852	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-09	1.39E-07	1.79E-08
606872	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-09	1.35E-07	1.72E-08
606892	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.84E-09	1.31E-07	1.66E-08
606912	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-09	1.28E-07	1.60E-08
606932	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-09	1.24E-07	1.55E-08
606952	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.46E-09	1.21E-07	1.50E-08
606972	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.07E-09	1.17E-07	1.45E-08
606992	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-09	1.14E-07	1.40E-08
607012	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.38E-09	1.11E-07	1.36E-08
607032	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-09	1.09E-07	1.32E-08
607052	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-09	1.06E-07	1.28E-08
605632	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	7.55E-07	8.47E-08
605652	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	7.53E-07	8.57E-08
605672	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	7.49E-07	8.65E-08
605692	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	7.45E-07	8.73E-08
605712	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	7.40E-07	8.79E-08
605732	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	7.34E-07	8.84E-08
605832	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-08	6.94E-07	8.96E-08
605852	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	6.83E-07	8.94E-08
605872	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	6.73E-07	8.91E-08
605892	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	6.62E-07	8.88E-08
605912	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	6.51E-07	8.83E-08
605952	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	6.29E-07	8.70E-08
606672	4122820	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.85E-07	2.56E-08
606692	4122820	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.78E-07	2.44E-08
606712	4122820	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.72E-07	2.33E-08
606732	4122820	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.66E-07	2.23E-08
606752	4122820	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.60E-07	2.14E-08
606852	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.61E-09	1.37E-07	1.75E-08
606872	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.05E-09	1.33E-07	1.68E-08
606892	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-09	1.29E-07	1.62E-08
606912	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-09	1.25E-07	1.57E-08
606932	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	1.22E-07	1.52E-08
606952	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-09	1.19E-07	1.47E-08
606972	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-09	1.16E-07	1.42E-08
606992	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.51E-09	1.13E-07	1.38E-08
607012	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-09	1.10E-07	1.34E-08
607032	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.91E-09	1.07E-07	1.30E-08
607052	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-09	1.04E-07	1.26E-08
605632	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	7.25E-07	8.21E-08
605652	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	7.22E-07	8.29E-08
605672	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	7.18E-07	8.36E-08
605692	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	7.14E-07	8.42E-08
605712	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	7.08E-07	8.47E-08
605792	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	6.80E-07	8.57E-08
605812	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-08	6.71E-07	8.57E-08
605832	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	6.62E-07	8.56E-08
605852	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	6.53E-07	8.54E-08
605872	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-08	6.43E-07	8.51E-08
605892	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	6.33E-07	8.46E-08
605912	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	6.22E-07	8.41E-08
606092	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	5.15E-07	7.41E-08
606112	4122840	0.002	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	5.02E-07	7.26E-08
606192	4122840	0.002	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-08	4.48E-07	6.61E-08
606212	4122840	0.002	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-08	4.34E-07	6.44E-08
606252	4122840	0.002	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-08	4.07E-07	6.09E-08
606272	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-08	3.93E-07	5.91E-08
606292	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-08	3.80E-07	5.72E-08
606312	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-08	3.66E-07	5.54E-08
606332	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-08	3.53E-07	5.35E-08
606352	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	3.40E-07	5.16E-08
606372	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	3.28E-07	4.97E-08
606392	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	3.15E-07	4.78E-08
606412	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-08	3.03E-07	4.59E-08
606432	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.91E-07	4.39E-08
606452	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.80E-07	4.21E-08
606672	4122840	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.81E-07	2.48E-08
606692	4122840	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.75E-07	2.37E-08
606712	4122840	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.68E-07	2.27E-08
606732	4122840	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.63E-07	2.17E-08
606752	4122840	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.57E-07	2.08E-08
606852	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-09	1.34E-07	1.71E-08
606872	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.74E-09	1.31E-07	1.65E-08
606892	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-09	1.27E-07	1.59E-08
606912	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.81E-09	1.23E-07	1.54E-08
606932	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-09	1.20E-07	1.49E-08
606952	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-09	1.17E-07	1.44E-08
606972	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-09	1.14E-07	1.39E-08
606992	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-09	1.11E-07	1.35E-08
607012	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-09	1.08E-07	1.31E-08
607032	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.75E-09	1.05E-07	1.27E-08
607052	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-09	1.03E-07	1.24E-08
606158	4121900	0.000	0.000	0.076	0.065	0.041	0.028	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	2.21E-05	1.23E-06
606169	4121883	0.000	0.000	0.063	0.054	0.034	0.023	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-09	1.84E-05	1.02E-06
606132	4121801	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-09	1.85E-06	1.09E-07
606385	4122113	0.002	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	3.42E-06	1.87E-07
606405	4122113	0.002	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-08	2.92E-06	1.59E-07
606425	4122113	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.51E-06	1.37E-07
606445	4122113	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	2.25E-06	1.23E-07
606465	4122113	0.003	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-08	1.97E-06	1.07E-07
606385	4122133	0.002	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.90E-06	1.58E-07
606405	4122133	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	2.54E-06	1.39E-07
606425	4122133	0.003	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-08	2.21E-06	1.21E-07
606445	4122133	0.003	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-08	1.99E-06	1.09E-07

606465	4122133	0.003	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-08	1.75E-06	9.56E-08
606385	4122153	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-08	2.56E-06	1.40E-07
606405	4122153	0.003	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-08	2.31E-06	1.26E-07
606425	4122153	0.003	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-08	2.02E-06	1.11E-07
606445	4122153	0.004	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-08	1.78E-06	9.72E-08
606465	4122153	0.004	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-08	1.57E-06	8.58E-08
606385	4122173	0.003	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-08	2.36E-06	1.29E-07
606405	4122173	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-08	2.07E-06	1.13E-07
606425	4122173	0.004	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-08	1.83E-06	9.98E-08
606445	4122173	0.005	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.54E-08	1.62E-06	8.86E-08
606465	4122173	0.006	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-08	1.44E-06	7.85E-08
606385	4122193	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.32E-08	2.10E-06	1.15E-07
606405	4122193	0.005	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-08	1.87E-06	1.02E-07
606425	4122193	0.005	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-08	1.66E-06	9.06E-08
606445	4122193	0.006	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-08	1.48E-06	8.08E-08
606465	4122193	0.008	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.31E-06	7.18E-08

Kaiser San José
Construction Health Risk Calculations - Residential Mitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

				Exposure Duration (Days)						DPM		$PM_{2.5}$	
			Start Date	10/1/2024	12/31/2024	1/1/2027				Emissions (tons)	Emission Rate (g/s)	Emissions (tons)	Emission Rate (g/s)
			Stop Date	12/30/2024	12/31/2026								
Source	AERMOD Source	Year	Start Date	End Date	3rd Trimester	0<2	2<16	Exposure Duration	Calendar Days	Workdays	Tier 4F	Tier 4F	Tier 4F	Tier 4F
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	0	332	0	331	331	238	0.01	0.001	0.01	0.001
	PAREA1	2026	1/1/2026	12/31/2026	0	365	0	364	364	261	0.01	0.001	0.01	0.001
	PAREA1	2027	1/1/2027	12/31/2027	0	0	364	364	364	261	0.01	0.001	0.01	0.001
	PAREA1	2028	1/1/2028	3/15/2028	0	0	74	74	74	53	0.00	0.001	0.00	0.001
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	0	332	0	331	331	238	0.00	0.000	0.00	0.000
	PAREA2	2026	1/1/2026	12/31/2026	0	365	0	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2027	1/1/2027	12/31/2027	0	0	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2028	1/1/2028	3/15/2028	0	0	74	74	74	53	0.00	0.000	0.00	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	0	0	123	123	123	88	0.01	0.002	0.01	0.002
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	0	0	123	123	123	88	0.00	0.000	0.01	0.004
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
	SLINE1	2025	2/3/2025	12/31/2025	0	332	0	331	331	238	0.00	0.000	0.00	0.000
	SLINE1	2026	1/1/2026	12/31/2026	0	365	0	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2027	1/1/2027	12/31/2027	0	0	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2028	1/1/2028	3/15/2028	0	0	74	74	74	53	0.00	0.000	0.00	0.000

Cancer Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<16	
Daily Breathing Rate	DBR	L/kg-day	361	1090	572	95th percentile DBR for all age groups
Fraction Of Time At Home	FAH	unitless	0.85	0.85	0.72	All school and daycare mitigated risk is less than 1
Exposure Frequency	EF	days/year	0.96	0.96	0.96	
Age Sensitivity Factor	ASF	unitless	10	10	3	
Inhalation Absorption Factor	A	unitless	1	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February 2015
Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).
Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.
Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF ($m^3/kg\text{-}day$) = DBR*FAH*EF*ED*ASF*A*CF/AT

AERMOD Source	3rd Trimester	0<2	2<16
PAREA6	0.010	0.000	0.000
PAREA7	0.010	0.000	0.000
PAREA1	0.000	0.115	0.000
PAREA1	0.000	0.127	0.000
PAREA1	0.000	0.000	0.017
PAREA1	0.000	0.000	0.003
PAREA2	0.000	0.115	0.000
PAREA2	0.000	0.127	0.000
PAREA2	0.000	0.000	0.017
PAREA2	0.000	0.000	0.003
PAREA3	0.000	0.000	0.006
PAREA4	0.000	0.000	0.006
SLINE1	0.010	0.000	0.000
SLINE1	0.000	0.115	0.000
SLINE1	0.000	0.127	0.000
SLINE1	0.000	0.000	0.017
SLINE1	0.000	0.000	0.003

Risk Calculation Part 1, R1 = IF*CPF*CF

3rd Trimester	0<2	2<16
1.15E-05	0.00E+00	0.00E+00
1.15E-05	0.00E+00	0.00E+00
0.00E+00	1.27E-04	0.00E+00
0.00E+00	1.40E-04	0.00E+00
0.00E+00	0.00E+00	1.86E-05
0.00E+00	0.00E+00	3.77E-06
0.00E+00	1.27E-04	0.00E+00
0.00E+00	1.40E-04	0.00E+00
0.00E+00	0.00E+00	1.86E-05
0.00E+00	0.00E+00	3.77E-06
0.00E+00	0.00E+00	6.27E-06
0.00E+00	0.00E+00	6.27E-06
1.15E-05	0.00E+00	0.00E+00
0.00E+00	1.27E-04	0.00E+00
0.00E+00	1.40E-04	0.00E+00
0.00E+00	0.00E+00	1.86E-05
0.00E+00	0.00E+00	3.77E-06

MEIR - Resident Infant	Cancer Risk	UTM X	UTM Y	HI	UTM X	UTM Y	$PM_{2.5}$ Conc.	UTM X	UTM Y	
	2.53	606072.2	4122060.0	0.01	606512.2	4122120.0	0.168	606512.2	4122120.0	Residence

Annual $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																	$PM_{2.5}$ Conc.
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	$\mu g/m^3$
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	Max. Annual
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
606512.2	4122120.0	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.052	0.116	0.000	0.000	0.000	0.000	0.000	0.168

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																	Risk Calculation Part 2		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	Cancer Risk = $\sum R1*C_{DPM}$		
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	3rd Trimester	0<2	2<9
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
605632	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-11	1.03E-08	7.52E-10
605652	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-11	1.04E-08	7.59E-10
605672	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-11	1.06E-08	7.67E-10
605692	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-11	1.07E-08	7.76E-10
605712	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-11	1.09E-08	7.86E-10
605732	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-11	1.10E-08	7.95E-10
605752	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-11	1.12E-08	8.07E-10
605772	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-11	1.15E-08	8.20E-10
605792	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-11	1.17E-08	8.35E-10
605812	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-11	1.20E-08	8.52E-10
605832	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-11	1.23E-08	8.71E-10
605852	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-11	1.27E-08	8.93E-10
605872	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-11	1.31E-08	9.18E-10
605892	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-11	1.35E-08	9.45E-10
605912	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-11	1.40E-08	9.76E-10
605932	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-11	1.45E-08	1.01E-09
605952	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-11	1.51E-08	1.05E-09
605972	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-11	1.58E-08	1.09E-09
605992	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-11	1.65E-08	1.14E-09
606012	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-11	1.73E-08	1.19E-09

606032	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-11	1.82E-08	1.25E-09
606052	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.26E-11	1.92E-08	1.31E-09
606072	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-11	2.02E-08	1.38E-09
606092	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-11	2.14E-08	1.46E-09
606112	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.67E-11	2.28E-08	1.55E-09
606132	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-11	2.41E-08	1.63E-09
606152	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-11	2.57E-08	1.73E-09
606172	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-11	2.74E-08	1.84E-09
606192	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.46E-11	2.93E-08	1.95E-09
606212	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.70E-11	3.14E-08	2.08E-09
606232	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.95E-11	3.37E-08	2.22E-09
606252	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-11	3.62E-08	2.37E-09
606272	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-11	3.90E-08	2.54E-09
606292	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.76E-11	4.20E-08	2.72E-09
606312	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-11	4.52E-08	2.91E-09
606332	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.32E-11	4.87E-08	3.13E-09
606352	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.60E-11	5.25E-08	3.36E-09
606372	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.88E-11	5.65E-08	3.60E-09
606392	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-11	6.08E-08	3.86E-09
606412	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-11	6.53E-08	4.13E-09
606432	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-11	6.98E-08	4.41E-09
606452	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	7.48E-08	4.72E-09
606472	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-10	7.99E-08	5.03E-09
606492	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	8.48E-08	5.34E-09
606512	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-10	8.95E-08	5.63E-09
606532	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-10	9.43E-08	5.94E-09
606552	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-10	9.94E-08	6.26E-09
606572	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-10	1.04E-07	6.58E-09
606592	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-10	1.08E-07	6.85E-09
606612	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-10	1.13E-07	7.14E-09
606632	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	1.17E-07	7.41E-09
606652	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-10	1.21E-07	7.68E-09
606672	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-10	1.24E-07	7.92E-09
606692	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-10	1.27E-07	8.15E-09
606712	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-10	1.30E-07	8.36E-09
606732	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-10	1.32E-07	8.55E-09
606752	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-10	1.34E-07	8.71E-09
606772	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-10	1.35E-07	8.85E-09
606792	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-10	1.36E-07	8.97E-09
606812	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-10	1.37E-07	9.06E-09
606832	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-10	1.37E-07	9.13E-09
606852	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-10	1.37E-07	9.17E-09
606872	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-10	1.36E-07	9.20E-09
606892	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-10	1.35E-07	9.20E-09
606912	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-10	1.34E-07	9.18E-09
606932	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-10	1.32E-07	9.14E-09
606952	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-10	1.31E-07	9.11E-09
606972	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-10	1.28E-07	9.01E-09
606992	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-10	1.26E-07	8.90E-09
607012	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-10	1.23E-07	8.79E-09
607032	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-10	1.20E-07	8.69E-09
607052	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-10	1.17E-07	8.55E-09
605632	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-11	1.09E-08	7.92E-10
605652	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-11	1.10E-08	8.00E-10
605672	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-11	1.12E-08	8.09E-10
605692	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.75E-11	1.13E-08	8.18E-10
605712	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-11	1.15E-08	8.28E-10
605732	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-11	1.17E-08	8.39E-10
605752	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-11	1.19E-08	8.51E-10
605772	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-11	1.21E-08	8.65E-10
605792	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-11	1.24E-08	8.79E-10
605812	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-11	1.27E-08	8.97E-10
605832	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-11	1.30E-08	9.16E-10
605852	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.90E-11	1.34E-08	9.39E-10
605872	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-11	1.38E-08	9.65E-10
605892	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.94E-11	1.42E-08	9.93E-10
605912	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-11	1.48E-08	1.03E-09
605932	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-11	1.53E-08	1.06E-09
605952	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-11	1.60E-08	1.10E-09
605972	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-11	1.67E-08	1.15E-09
605992	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-11	1.75E-08	1.20E-09
606012	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-11	1.83E-08	1.25E-09
606032	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-11	1.93E-08	1.32E-09
606052	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.41E-11	2.03E-08	1.38E-09
606072	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.53E-11	2.15E-08	1.46E-09
606092	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-11	2.28E-08	1.54E-09
606112	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.81E-11	2.43E-08	1.64E-09
606132	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-11	2.58E-08	1.73E-09
606152	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.17E-11	2.75E-08	1.84E-09
606172	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.39E-11	2.95E-08	1.96E-09
606192	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-11	3.16E-08	2.09E-09
606212	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.86E-11	3.40E-08	2.24E-09
606232	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-11	3.66E-08	2.40E-09
606252	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-11	3.94E-08	2.57E-09
606272	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-11	4.25E-08	2.75E-09
606292	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.98E-11	4.60E-08	2.96E-09
606312	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-11	4.97E-08	3.18E-09
606332	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-11	5.37E-08	3.42E-09
606352	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-11	5.80E-08	3.68E-09
606372	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-11	6.26E-08	3.95E-09
606392	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-11	6.75E-08	4.25E-09
606412	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.78E-11	7.26E-08	4.56E-09
606432	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	7.80E-08	4.89E-09
606452	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	8.38E-08	5.25E-09
606472	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	8.93E-08	5.59E-09
606492	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-10	9.49E-08	5.93E-09
606512	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-10	1.01E-07	6.29E-09
606532	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-10	1.06E-07	6.65E-09
606552	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-10	1.12E-07	6.99E-09
606572	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-10	1.17E-07	7.32E-09
606592	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-10	1.22E-07	7.64E-09
606612	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	1.26E-07	7.94E-09
606632	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-10	1.30E-07	8.24E-09
606652	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-10	1.34E-07	8.51E-09
606672	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-10	1.38E-07	8.77E-09
606692	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-10	1.41E-07	9.00E-09
606712	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-10	1.43E-07	9.21E-09

606732	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-10	1.46E-07	9.40E-09
606752	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-10	1.47E-07	9.56E-09
606772	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-10	1.49E-07	9.69E-09
606792	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-10	1.49E-07	9.79E-09
606812	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-10	1.49E-07	9.87E-09
606832	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-10	1.49E-07	9.91E-09
606852	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-10	1.48E-07	9.93E-09
606872	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-10	1.47E-07	9.92E-09
606892	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-10	1.45E-07	9.88E-09
606912	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-10	1.43E-07	9.83E-09
606932	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-10	1.41E-07	9.74E-09
606952	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-10	1.38E-07	9.67E-09
606972	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-10	1.35E-07	9.52E-09
606992	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-10	1.32E-07	9.39E-09
607012	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-10	1.28E-07	9.24E-09
607032	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-10	1.25E-07	9.10E-09
607052	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-10	1.21E-07	8.94E-09
605632	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-11	1.16E-08	8.36E-10
605652	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-11	1.17E-08	8.45E-10
605672	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-11	1.19E-08	8.55E-10
605692	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-11	1.20E-08	8.65E-10
605712	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.94E-11	1.22E-08	8.75E-10
605732	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.96E-11	1.24E-08	8.87E-10
605752	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-11	1.27E-08	9.01E-10
605772	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-11	1.29E-08	9.15E-10
605792	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-11	1.32E-08	9.32E-10
605812	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-11	1.35E-08	9.50E-10
605832	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-11	1.38E-08	9.70E-10
605852	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-11	1.42E-08	9.93E-10
605872	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-11	1.46E-08	1.02E-09
605892	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-11	1.51E-08	1.05E-09
605912	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-11	1.57E-08	1.08E-09
605932	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-11	1.63E-08	1.12E-09
605952	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-11	1.70E-08	1.16E-09
605972	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.28E-11	1.77E-08	1.21E-09
605992	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-11	1.86E-08	1.27E-09
606012	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.40E-11	1.95E-08	1.33E-09
606032	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-11	2.05E-08	1.39E-09
606052	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-11	2.17E-08	1.46E-09
606072	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.69E-11	2.30E-08	1.55E-09
606092	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-11	2.44E-08	1.64E-09
606112	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.97E-11	2.60E-08	1.74E-09
606132	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-11	2.78E-08	1.85E-09
606152	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-11	2.97E-08	1.97E-09
606172	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.54E-11	3.19E-08	2.11E-09
606192	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-11	3.43E-08	2.25E-09
606212	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.03E-11	3.71E-08	2.42E-09
606232	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-11	4.00E-08	2.60E-09
606252	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.60E-11	4.33E-08	2.79E-09
606272	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-11	4.69E-08	3.01E-09
606292	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-11	5.09E-08	3.24E-09
606312	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-11	5.52E-08	3.50E-09
606332	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.85E-11	5.97E-08	3.77E-09
606352	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-11	6.47E-08	4.07E-09
606372	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-11	7.00E-08	4.39E-09
606392	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-11	7.57E-08	4.73E-09
606412	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	8.16E-08	5.09E-09
606432	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	8.78E-08	5.46E-09
606452	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-10	9.44E-08	5.86E-09
606472	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-10	1.00E-07	6.23E-09
606492	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-10	1.07E-07	6.62E-09
606512	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-10	1.13E-07	7.02E-09
606532	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-10	1.20E-07	7.42E-09
606552	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-10	1.26E-07	7.83E-09
606572	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-10	1.32E-07	8.21E-09
606592	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	1.37E-07	8.57E-09
606612	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-10	1.42E-07	8.90E-09
606632	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-10	1.47E-07	9.21E-09
606652	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-10	1.51E-07	9.50E-09
606672	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-10	1.54E-07	9.76E-09
606692	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-10	1.57E-07	9.99E-09
606712	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-10	1.59E-07	1.02E-08
606732	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-10	1.61E-07	1.04E-08
606752	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-10	1.63E-07	1.05E-08
606772	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-10	1.63E-07	1.06E-08
606792	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-10	1.63E-07	1.07E-08
606992	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-10	1.37E-07	9.87E-09
607012	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-10	1.33E-07	9.69E-09
607032	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-10	1.29E-07	9.50E-09
607052	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-10	1.25E-07	9.32E-09
605632	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-11	1.23E-08	8.84E-10
605652	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-11	1.24E-08	8.94E-10
605672	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-11	1.26E-08	9.05E-10
605692	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-11	1.28E-08	9.16E-10
605712	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-11	1.30E-08	9.27E-10
605732	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-11	1.32E-08	9.40E-10
605752	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-11	1.35E-08	9.54E-10
605772	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-11	1.37E-08	9.70E-10
605792	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.21E-11	1.40E-08	9.87E-10
605812	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-11	1.43E-08	1.01E-09
605832	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-11	1.47E-08	1.03E-09
605852	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.28E-11	1.51E-08	1.05E-09
605872	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-11	1.56E-08	1.08E-09
605892	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.32E-11	1.61E-08	1.11E-09
605912	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-11	1.67E-08	1.15E-09
605932	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-11	1.73E-08	1.19E-09
605952	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-11	1.81E-08	1.23E-09
605972	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-11	1.89E-08	1.28E-09
605992	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-11	1.98E-08	1.34E-09
606012	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-11	2.08E-08	1.41E-09
606032	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.67E-11	2.19E-08	1.48E-09
606052	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-11	2.32E-08	1.55E-09
606072	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-11	2.45E-08	1.64E-09
606092	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-11	2.61E-08	1.74E-09
606112	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-11	2.79E-08	1.85E-09
606132	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-11	2.98E-08	1.97E-09
606152	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.50E-11	3.20E-08	2.11E-09

606172	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-11	3.45E-08	2.26E-09
606192	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-11	3.73E-08	2.43E-09
606212	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-11	4.04E-08	2.62E-09
606232	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-11	4.38E-08	2.82E-09
606252	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-11	4.76E-08	3.05E-09
606272	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-11	5.18E-08	3.29E-09
606292	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.45E-11	5.64E-08	3.56E-09
606312	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-11	6.13E-08	3.86E-09
606332	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-11	6.67E-08	4.18E-09
606352	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-11	7.25E-08	4.52E-09
606372	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-11	7.87E-08	4.89E-09
606392	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	8.52E-08	5.28E-09
606412	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	9.23E-08	5.71E-09
606432	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-10	9.96E-08	6.15E-09
606452	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-10	1.07E-07	6.58E-09
606472	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-10	1.14E-07	7.01E-09
606492	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-10	1.21E-07	7.45E-09
606512	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-10	1.28E-07	7.89E-09
606532	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-10	1.35E-07	8.33E-09
606552	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-10	1.42E-07	8.77E-09
606572	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	1.48E-07	9.19E-09
606592	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-10	1.54E-07	9.58E-09
606612	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-10	1.60E-07	9.95E-09
606632	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-10	1.65E-07	1.03E-08
606652	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-10	1.69E-07	1.06E-08
606672	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-10	1.72E-07	1.09E-08
606692	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-10	1.75E-07	1.11E-08
606712	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-10	1.77E-07	1.13E-08
606732	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-10	1.78E-07	1.15E-08
606752	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-10	1.79E-07	1.16E-08
606772	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-10	1.79E-07	1.16E-08
606792	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-10	1.78E-07	1.17E-08
606992	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-10	1.42E-07	1.03E-08
607012	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.15E-10	1.37E-07	1.01E-08
607032	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-10	1.32E-07	9.91E-09
607052	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-10	1.27E-07	9.67E-09
605632	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-11	1.31E-08	9.37E-10
605652	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-11	1.33E-08	9.48E-10
605672	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-11	1.34E-08	9.60E-10
605692	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-11	1.36E-08	9.72E-10
605712	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-11	1.39E-08	9.84E-10
605732	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-11	1.41E-08	9.99E-10
605752	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-11	1.44E-08	1.01E-09
605772	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-11	1.46E-08	1.03E-09
605792	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-11	1.49E-08	1.05E-09
605812	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-11	1.53E-08	1.07E-09
605832	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-11	1.56E-08	1.09E-09
605852	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-11	1.61E-08	1.11E-09
605872	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-11	1.66E-08	1.14E-09
605892	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.54E-11	1.71E-08	1.17E-09
605912	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-11	1.77E-08	1.21E-09
605932	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.60E-11	1.84E-08	1.25E-09
605952	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-11	1.92E-08	1.30E-09
605972	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.69E-11	2.01E-08	1.36E-09
605992	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-11	2.10E-08	1.42E-09
606012	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-11	2.22E-08	1.49E-09
606032	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-11	2.34E-08	1.57E-09
606052	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-11	2.47E-08	1.65E-09
606072	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-11	2.62E-08	1.74E-09
606092	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-11	2.80E-08	1.85E-09
606112	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-11	3.00E-08	1.98E-09
606132	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.50E-11	3.21E-08	2.11E-09
606152	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-11	3.46E-08	2.26E-09
606172	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-11	3.74E-08	2.43E-09
606192	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.15E-11	4.05E-08	2.62E-09
606212	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.42E-11	4.41E-08	2.83E-09
606232	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.71E-11	4.80E-08	3.07E-09
606252	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.02E-11	5.23E-08	3.32E-09
606272	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-11	5.71E-08	3.60E-09
606292	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-11	6.25E-08	3.92E-09
606312	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.06E-11	6.82E-08	4.26E-09
606332	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.43E-11	7.46E-08	4.63E-09
606352	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.80E-11	8.14E-08	5.03E-09
606372	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	8.85E-08	5.46E-09
606392	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-10	9.62E-08	5.92E-09
606432	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-10	1.13E-07	6.93E-09
606452	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-10	1.22E-07	7.46E-09
606472	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-10	1.30E-07	7.97E-09
606492	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-10	1.38E-07	8.46E-09
606512	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-10	1.46E-07	8.95E-09
606532	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-10	1.54E-07	9.42E-09
606552	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-10	1.61E-07	9.89E-09
606572	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-10	1.68E-07	1.03E-08
606592	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-10	1.74E-07	1.08E-08
606612	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-10	1.80E-07	1.12E-08
606632	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-10	1.85E-07	1.15E-08
606652	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-10	1.89E-07	1.18E-08
606672	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-10	1.92E-07	1.21E-08
606692	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-10	1.94E-07	1.23E-08
606712	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-10	1.96E-07	1.25E-08
606732	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-10	1.96E-07	1.26E-08
606752	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-10	1.96E-07	1.27E-08
606772	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-10	1.95E-07	1.27E-08
606792	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-10	1.93E-07	1.27E-08
606992	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-10	1.46E-07	1.08E-08
607012	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.46E-10	1.41E-07	1.05E-08
607032	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-10	1.35E-07	1.03E-08
607052	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-10	1.29E-07	1.00E-08
605632	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-11	1.39E-08	9.95E-10
605652	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.41E-11	1.42E-08	1.01E-09
605672	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-11	1.44E-08	1.02E-09
605692	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-11	1.46E-08	1.03E-09
605712	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-11	1.48E-08	1.05E-09
605732	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.54E-11	1.51E-08	1.06E-09
605752	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-11	1.54E-08	1.08E-09
605772	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-11	1.57E-08	1.10E-09
605792	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-11	1.60E-08	1.11E-09

605812	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-11	1.63E-08	1.14E-09
605832	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.69E-11	1.68E-08	1.16E-09
605852	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-11	1.72E-08	1.19E-09
605872	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-11	1.77E-08	1.22E-09
605892	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-11	1.83E-08	1.25E-09
605912	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-11	1.90E-08	1.29E-09
605932	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-11	1.97E-08	1.34E-09
605952	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-11	2.05E-08	1.39E-09
605972	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-11	2.15E-08	1.44E-09
605992	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.97E-11	2.25E-08	1.51E-09
606012	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-11	2.38E-08	1.59E-09
606032	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-11	2.51E-08	1.67E-09
606052	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.18E-11	2.65E-08	1.76E-09
606072	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-11	2.82E-08	1.86E-09
606092	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-11	3.02E-08	1.98E-09
606112	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.54E-11	3.24E-08	2.12E-09
606132	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-11	3.50E-08	2.28E-09
606152	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-11	3.78E-08	2.45E-09
606172	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.12E-11	4.10E-08	2.64E-09
606192	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.36E-11	4.44E-08	2.86E-09
606212	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-11	4.87E-08	3.10E-09
606232	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.93E-11	5.33E-08	3.37E-09
606252	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-11	5.85E-08	3.68E-09
606272	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.60E-11	6.38E-08	3.99E-09
606292	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-11	7.01E-08	4.36E-09
606312	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-11	7.70E-08	4.77E-09
606332	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-11	8.46E-08	5.21E-09
606352	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	9.27E-08	5.68E-09
606372	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-10	1.01E-07	6.19E-09
606432	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-10	1.29E-07	7.85E-09
606452	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-10	1.39E-07	8.44E-09
606472	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-10	1.49E-07	9.04E-09
606492	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-10	1.59E-07	9.65E-09
606512	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-10	1.68E-07	1.02E-08
606532	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-10	1.77E-07	1.08E-08
606552	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-10	1.85E-07	1.13E-08
606572	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-10	1.92E-07	1.17E-08
606592	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	1.98E-07	1.22E-08
606612	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-10	2.04E-07	1.26E-08
606632	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-10	2.08E-07	1.29E-08
606652	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-10	2.12E-07	1.32E-08
606672	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-10	2.15E-07	1.35E-08
606692	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-10	2.16E-07	1.36E-08
606712	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-10	2.17E-07	1.38E-08
606732	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-10	2.16E-07	1.38E-08
606752	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-10	2.15E-07	1.39E-08
606772	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-10	2.12E-07	1.38E-08
606792	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-10	2.09E-07	1.37E-08
606852	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-10	1.95E-07	1.32E-08
606872	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-10	1.89E-07	1.30E-08
606892	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-10	1.84E-07	1.28E-08
606912	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-10	1.77E-07	1.25E-08
606932	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-10	1.70E-07	1.22E-08
606992	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-10	1.50E-07	1.12E-08
607012	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-10	1.43E-07	1.09E-08
607032	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-10	1.37E-07	1.06E-08
607052	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-10	1.31E-07	1.03E-08
605632	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-11	1.49E-08	1.06E-09
605652	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-11	1.51E-08	1.07E-09
605672	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-11	1.54E-08	1.09E-09
605692	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.69E-11	1.56E-08	1.10E-09
605712	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-11	1.59E-08	1.12E-09
605732	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-11	1.62E-08	1.14E-09
605752	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-11	1.65E-08	1.15E-09
605772	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-11	1.68E-08	1.17E-09
605792	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.86E-11	1.72E-08	1.19E-09
605812	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.90E-11	1.76E-08	1.22E-09
605832	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.93E-11	1.80E-08	1.24E-09
605852	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-11	1.86E-08	1.27E-09
605872	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-11	1.91E-08	1.30E-09
605892	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-11	1.97E-08	1.34E-09
605912	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.05E-11	2.04E-08	1.38E-09
605932	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.08E-11	2.12E-08	1.43E-09
605952	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-11	2.21E-08	1.48E-09
605972	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.17E-11	2.31E-08	1.54E-09
605992	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.22E-11	2.42E-08	1.61E-09
606012	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-11	2.56E-08	1.70E-09
606032	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.34E-11	2.71E-08	1.79E-09
606052	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.43E-11	2.86E-08	1.88E-09
606072	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.52E-11	3.04E-08	1.99E-09
606092	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.64E-11	3.27E-08	2.13E-09
606112	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-11	3.52E-08	2.28E-09
606132	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.94E-11	3.80E-08	2.45E-09
606152	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-11	4.12E-08	2.65E-09
606172	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-11	4.49E-08	2.87E-09
606192	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-11	4.91E-08	3.12E-09
606212	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.86E-11	5.38E-08	3.40E-09
606232	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-11	5.92E-08	3.71E-09
606252	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.51E-11	6.52E-08	4.06E-09
606272	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-11	7.17E-08	4.44E-09
606292	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-11	7.91E-08	4.88E-09
606312	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.66E-11	8.72E-08	5.35E-09
606332	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	9.62E-08	5.87E-09
606352	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	1.06E-07	6.43E-09
606472	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-10	1.71E-07	1.03E-08
606492	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-10	1.82E-07	1.10E-08
606512	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-10	1.93E-07	1.17E-08
606532	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-10	2.03E-07	1.23E-08
606552	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-10	2.12E-07	1.29E-08
606572	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	2.20E-07	1.34E-08
606592	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-10	2.27E-07	1.39E-08
606612	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-10	2.32E-07	1.43E-08
606632	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-10	2.36E-07	1.46E-08
606652	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-10	2.39E-07	1.49E-08
606672	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-10	2.41E-07	1.51E-08
606692	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-10	2.41E-07	1.52E-08
606712	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-10	2.40E-07	1.53E-08

606732	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-10	2.38E-07	1.52E-08
606752	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-10	2.35E-07	1.52E-08
606772	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-10	2.31E-07	1.51E-08
606792	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-10	2.26E-07	1.49E-08
606852	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-10	2.06E-07	1.41E-08
606872	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-10	1.99E-07	1.38E-08
606892	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-10	1.92E-07	1.35E-08
606912	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-10	1.84E-07	1.31E-08
606992	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.03E-10	1.52E-07	1.16E-08
607012	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.22E-10	1.45E-07	1.12E-08
607032	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.41E-10	1.38E-07	1.09E-08
607052	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.61E-10	1.31E-07	1.06E-08
605632	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-11	1.60E-08	1.13E-09
605652	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-11	1.62E-08	1.14E-09
605672	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-11	1.65E-08	1.16E-09
605692	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-11	1.68E-08	1.18E-09
605712	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-11	1.71E-08	1.20E-09
605732	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-11	1.74E-08	1.22E-09
605752	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-11	1.78E-08	1.24E-09
605772	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-11	1.82E-08	1.26E-09
605792	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.11E-11	1.86E-08	1.28E-09
605812	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-11	1.90E-08	1.31E-09
605832	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.18E-11	1.95E-08	1.33E-09
605852	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-11	2.00E-08	1.37E-09
605872	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-11	2.06E-08	1.40E-09
605892	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-11	2.13E-08	1.44E-09
605912	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-11	2.20E-08	1.48E-09
605932	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.35E-11	2.30E-08	1.54E-09
605952	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-11	2.39E-08	1.59E-09
605972	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-11	2.50E-08	1.66E-09
605992	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-11	2.62E-08	1.73E-09
606012	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.54E-11	2.77E-08	1.82E-09
606032	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-11	2.93E-08	1.92E-09
606052	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-11	3.10E-08	2.02E-09
606072	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.79E-11	3.30E-08	2.14E-09
606092	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-11	3.56E-08	2.30E-09
606112	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.03E-11	3.84E-08	2.47E-09
606132	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-11	4.15E-08	2.66E-09
606152	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-11	4.52E-08	2.88E-09
606172	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-11	4.94E-08	3.13E-09
606192	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-11	5.44E-08	3.42E-09
606212	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.11E-11	5.99E-08	3.75E-09
606232	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.43E-11	6.62E-08	4.12E-09
606252	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.77E-11	7.35E-08	4.54E-09
606272	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-11	8.15E-08	5.00E-09
606292	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-11	9.03E-08	5.51E-09
606312	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-11	1.00E-07	6.07E-09
606332	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-10	1.11E-07	6.71E-09
606412	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-10	1.61E-07	9.61E-09
606492	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-10	2.12E-07	1.27E-08
606512	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-10	2.23E-07	1.34E-08
606532	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-10	2.34E-07	1.41E-08
606552	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	2.43E-07	1.47E-08
606572	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-10	2.52E-07	1.53E-08
606592	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-10	2.59E-07	1.58E-08
606612	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-10	2.64E-07	1.62E-08
606632	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-10	2.68E-07	1.65E-08
606652	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-10	2.69E-07	1.67E-08
606672	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-10	2.70E-07	1.68E-08
606692	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-10	2.68E-07	1.69E-08
606712	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-10	2.66E-07	1.69E-08
606732	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-10	2.61E-07	1.68E-08
606752	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-10	2.56E-07	1.66E-08
606772	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-10	2.50E-07	1.64E-08
606872	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.18E-10	2.08E-07	1.46E-08
606892	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.40E-10	1.99E-07	1.41E-08
606912	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.62E-10	1.89E-07	1.37E-08
606992	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.46E-10	1.54E-07	1.20E-08
607012	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.69E-10	1.46E-07	1.16E-08
607032	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.90E-10	1.38E-07	1.12E-08
607052	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.09E-10	1.30E-07	1.08E-08
605632	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-11	1.71E-08	1.20E-09
605652	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-11	1.74E-08	1.22E-09
605672	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-11	1.78E-08	1.24E-09
605692	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-11	1.81E-08	1.26E-09
605712	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-11	1.85E-08	1.28E-09
605732	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-11	1.88E-08	1.31E-09
605752	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-11	1.92E-08	1.33E-09
605772	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-11	1.96E-08	1.35E-09
605792	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.36E-11	2.01E-08	1.38E-09
605812	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.41E-11	2.06E-08	1.41E-09
605832	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.45E-11	2.11E-08	1.44E-09
605852	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-11	2.17E-08	1.47E-09
605872	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-11	2.24E-08	1.51E-09
605892	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.57E-11	2.31E-08	1.55E-09
605912	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-11	2.40E-08	1.60E-09
605932	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.64E-11	2.49E-08	1.66E-09
605952	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-11	2.60E-08	1.72E-09
605972	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-11	2.72E-08	1.79E-09
605992	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-11	2.86E-08	1.88E-09
606012	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.84E-11	3.02E-08	1.97E-09
606032	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-11	3.19E-08	2.07E-09
606052	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-11	3.38E-08	2.19E-09
606072	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.08E-11	3.60E-08	2.32E-09
606092	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.18E-11	3.89E-08	2.49E-09
606112	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.32E-11	4.21E-08	2.69E-09
606132	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.47E-11	4.57E-08	2.90E-09
606152	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.65E-11	4.99E-08	3.15E-09
606172	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.86E-11	5.49E-08	3.44E-09
606192	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.11E-11	6.08E-08	3.79E-09
606212	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-11	6.72E-08	4.16E-09
606232	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.71E-11	7.47E-08	4.60E-09
606252	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.07E-11	8.35E-08	5.10E-09
606272	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.46E-11	9.30E-08	5.65E-09
606292	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.88E-11	1.04E-07	6.27E-09
606312	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-10	1.15E-07	6.94E-09
606332	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	1.29E-07	7.71E-09

606392	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-10	1.73E-07	1.03E-08
606512	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-10	2.61E-07	1.56E-08
606532	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-10	2.72E-07	1.63E-08
606552	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-10	2.81E-07	1.69E-08
606572	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-10	2.89E-07	1.75E-08
606592	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-10	2.95E-07	1.79E-08
606612	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-10	3.00E-07	1.83E-08
606632	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-10	3.02E-07	1.85E-08
606652	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-10	3.02E-07	1.87E-08
606672	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-10	3.00E-07	1.87E-08
606692	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-10	2.96E-07	1.86E-08
606712	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-10	2.91E-07	1.85E-08
606732	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-10	2.84E-07	1.83E-08
606752	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-10	2.76E-07	1.80E-08
606772	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-10	2.67E-07	1.76E-08
606832	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.06E-10	2.37E-07	1.62E-08
606852	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.30E-10	2.26E-07	1.58E-08
606872	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.54E-10	2.15E-07	1.53E-08
606892	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.78E-10	2.04E-07	1.47E-08
606912	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.03E-10	1.93E-07	1.42E-08
606992	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.95E-10	1.54E-07	1.23E-08
607012	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.19E-10	1.45E-07	1.18E-08
607032	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.41E-10	1.37E-07	1.14E-08
607052	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.63E-10	1.29E-07	1.10E-08
605632	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.26E-11	1.84E-08	1.29E-09
605652	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-11	1.88E-08	1.31E-09
605672	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.35E-11	1.92E-08	1.33E-09
605692	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-11	1.95E-08	1.36E-09
605712	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.45E-11	2.00E-08	1.38E-09
605732	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.50E-11	2.04E-08	1.40E-09
605752	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.55E-11	2.08E-08	1.43E-09
605772	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-11	2.13E-08	1.46E-09
605792	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-11	2.18E-08	1.49E-09
605812	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-11	2.23E-08	1.52E-09
605832	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.74E-11	2.29E-08	1.55E-09
605852	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-11	2.36E-08	1.59E-09
605872	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-11	2.43E-08	1.63E-09
605892	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-11	2.51E-08	1.68E-09
605912	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.92E-11	2.60E-08	1.73E-09
605932	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-11	2.71E-08	1.79E-09
605952	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-11	2.83E-08	1.86E-09
605972	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.05E-11	2.96E-08	1.94E-09
605992	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-11	3.11E-08	2.03E-09
606012	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-11	3.28E-08	2.13E-09
606032	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-11	3.48E-08	2.24E-09
606052	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-11	3.70E-08	2.38E-09
606072	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-11	3.95E-08	2.52E-09
606092	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-11	4.28E-08	2.72E-09
606112	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-11	4.65E-08	2.94E-09
606132	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-11	5.06E-08	3.18E-09
606152	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-11	5.56E-08	3.47E-09
606172	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-11	6.14E-08	3.81E-09
606192	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-11	6.82E-08	4.21E-09
606212	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-11	7.62E-08	4.67E-09
606232	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.02E-11	8.51E-08	5.19E-09
606252	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.38E-11	9.55E-08	5.78E-09
606272	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-11	1.07E-07	6.45E-09
606292	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	1.20E-07	7.20E-09
606312	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-10	1.35E-07	8.04E-09
606332	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-10	1.51E-07	8.96E-09
606572	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-10	3.35E-07	2.01E-08
606592	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-10	3.39E-07	2.05E-08
606612	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-10	3.41E-07	2.07E-08
606632	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-10	3.40E-07	2.09E-08
606652	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-10	3.37E-07	2.09E-08
606672	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-10	3.32E-07	2.07E-08
606692	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-10	3.26E-07	2.05E-08
606712	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-10	3.17E-07	2.02E-08
606732	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-10	3.07E-07	1.98E-08
606752	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.46E-10	2.96E-07	1.94E-08
606772	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.69E-10	2.84E-07	1.88E-08
606872	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.95E-10	2.20E-07	1.59E-08
606892	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.22E-10	2.08E-07	1.53E-08
606912	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.50E-10	1.96E-07	1.48E-08
606932	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.77E-10	1.85E-07	1.42E-08
606992	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.50E-10	1.52E-07	1.25E-08
607012	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.75E-10	1.43E-07	1.21E-08
607032	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.98E-10	1.34E-07	1.16E-08
607052	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.23E-10	1.26E-07	1.12E-08
605632	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.50E-11	1.98E-08	1.38E-09
605652	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.55E-11	2.02E-08	1.40E-09
605672	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-11	2.07E-08	1.43E-09
605692	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-11	2.11E-08	1.46E-09
605712	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-11	2.16E-08	1.49E-09
605732	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.77E-11	2.21E-08	1.52E-09
605752	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-11	2.26E-08	1.55E-09
605772	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-11	2.32E-08	1.58E-09
605792	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.94E-11	2.38E-08	1.61E-09
605812	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-11	2.44E-08	1.65E-09
605832	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-11	2.51E-08	1.69E-09
605852	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-11	2.58E-08	1.73E-09
605872	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.15E-11	2.67E-08	1.78E-09
605892	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-11	2.76E-08	1.83E-09
605912	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.25E-11	2.86E-08	1.89E-09
605932	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.30E-11	2.98E-08	1.96E-09
605952	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-11	3.11E-08	2.03E-09
605972	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-11	3.26E-08	2.12E-09
605992	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.46E-11	3.42E-08	2.21E-09
606012	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.52E-11	3.61E-08	2.32E-09
606032	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-11	3.84E-08	2.45E-09
606052	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.66E-11	4.09E-08	2.60E-09
606072	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-11	4.38E-08	2.77E-09
606092	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.86E-11	4.74E-08	2.98E-09
606112	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.98E-11	5.16E-08	3.23E-09
606132	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-11	5.66E-08	3.52E-09
606152	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.30E-11	6.24E-08	3.86E-09
606172	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.50E-11	6.94E-08	4.26E-09

606192	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.75E-11	7.75E-08	4.73E-09
606212	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.03E-11	8.70E-08	5.28E-09
606232	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.36E-11	9.77E-08	5.89E-09
606252	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.73E-11	1.10E-07	6.61E-09
606272	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	1.25E-07	7.45E-09
606292	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-10	1.42E-07	8.39E-09
606312	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-10	1.60E-07	9.43E-09
606392	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-10	2.43E-07	1.42E-08
606412	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-10	2.65E-07	1.55E-08
606432	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-10	2.87E-07	1.68E-08
606492	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-10	3.47E-07	2.04E-08
606512	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-10	3.62E-07	2.13E-08
606872	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.43E-10	2.24E-07	1.65E-08
606892	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-10	2.10E-07	1.58E-08
606912	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-10	1.97E-07	1.52E-08
606932	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-10	1.84E-07	1.46E-08
606992	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.15E-10	1.50E-07	1.28E-08
607012	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-10	1.40E-07	1.23E-08
607032	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.66E-10	1.31E-07	1.18E-08
607052	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-10	1.23E-07	1.13E-08
605632	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.79E-11	2.14E-08	1.48E-09
605652	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-11	2.19E-08	1.51E-09
605672	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-11	2.24E-08	1.54E-09
605692	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-11	2.29E-08	1.57E-09
605712	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.02E-11	2.35E-08	1.60E-09
605732	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.08E-11	2.40E-08	1.64E-09
605752	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.14E-11	2.46E-08	1.67E-09
605772	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-11	2.53E-08	1.71E-09
605792	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.25E-11	2.60E-08	1.75E-09
605812	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-11	2.67E-08	1.79E-09
605832	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-11	2.75E-08	1.84E-09
605852	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.43E-11	2.83E-08	1.89E-09
605872	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-11	2.93E-08	1.94E-09
605892	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-11	3.03E-08	2.00E-09
605912	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.60E-11	3.15E-08	2.06E-09
605932	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.65E-11	3.28E-08	2.14E-09
605952	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.70E-11	3.42E-08	2.22E-09
605972	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.76E-11	3.59E-08	2.32E-09
605992	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.82E-11	3.79E-08	2.43E-09
606012	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-11	4.01E-08	2.56E-09
606032	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-11	4.27E-08	2.71E-09
606052	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-11	4.57E-08	2.88E-09
606072	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-11	4.92E-08	3.08E-09
606192	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-11	8.81E-08	5.33E-09
606212	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-11	9.94E-08	5.97E-09
606232	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.73E-11	1.12E-07	6.70E-09
606252	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	1.28E-07	7.59E-09
606272	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	1.47E-07	8.67E-09
606292	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-10	1.68E-07	9.86E-09
606312	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-10	1.90E-07	1.11E-08
606492	4121640	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-10	4.12E-07	2.41E-08
606512	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-10	4.26E-07	2.50E-08
606532	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-10	4.38E-07	2.58E-08
606552	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-10	4.44E-07	2.63E-08
606572	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-10	4.47E-07	2.67E-08
606592	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-10	4.46E-07	2.68E-08
606612	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-10	4.41E-07	2.67E-08
606632	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-10	4.32E-07	2.65E-08
606912	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.64E-10	1.95E-07	1.56E-08
606932	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-10	1.82E-07	1.49E-08
606992	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.85E-10	1.46E-07	1.30E-08
607012	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-10	1.36E-07	1.24E-08
607032	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.42E-10	1.27E-07	1.19E-08
607052	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-10	1.19E-07	1.14E-08
605632	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-11	2.31E-08	1.59E-09
605652	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-11	2.36E-08	1.62E-09
605672	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-11	2.42E-08	1.66E-09
605692	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.28E-11	2.49E-08	1.70E-09
605712	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-11	2.55E-08	1.74E-09
605732	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-11	2.62E-08	1.78E-09
605752	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.47E-11	2.69E-08	1.82E-09
605772	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-11	2.76E-08	1.86E-09
605792	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-11	2.84E-08	1.91E-09
605812	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-11	2.93E-08	1.95E-09
605832	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-11	3.02E-08	2.01E-09
605852	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-11	3.12E-08	2.06E-09
605872	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-11	3.23E-08	2.12E-09
605892	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.93E-11	3.35E-08	2.19E-09
605912	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.99E-11	3.48E-08	2.27E-09
605932	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.06E-11	3.63E-08	2.35E-09
605952	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-11	3.79E-08	2.44E-09
605972	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-11	3.98E-08	2.55E-09
605992	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-11	4.20E-08	2.67E-09
606012	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.32E-11	4.44E-08	2.81E-09
606032	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.40E-11	4.73E-08	2.97E-09
606052	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-11	5.06E-08	3.16E-09
606072	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-11	5.46E-08	3.39E-09
606132	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-11	7.15E-08	4.36E-09
606152	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-11	7.97E-08	4.83E-09
606172	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.31E-11	8.98E-08	5.40E-09
606192	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.54E-11	1.02E-07	6.08E-09
606212	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-11	1.16E-07	6.87E-09
606232	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	1.32E-07	7.80E-09
606252	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	1.52E-07	8.91E-09
606272	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-10	1.75E-07	1.02E-08
606292	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-10	2.02E-07	1.17E-08
606312	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-10	2.30E-07	1.33E-08
606372	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-10	3.30E-07	1.90E-08
606452	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-10	4.54E-07	2.62E-08
606492	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-10	4.94E-07	2.87E-08
606512	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-10	5.07E-07	2.96E-08
606532	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-10	5.14E-07	3.02E-08
606552	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-10	5.17E-07	3.06E-08
606572	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-10	5.14E-07	3.06E-08
606592	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-10	5.07E-07	3.05E-08
606612	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-10	4.96E-07	3.01E-08
606632	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-10	4.80E-07	2.94E-08

606652	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-10	4.61E-07	2.86E-08
606672	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-10	4.41E-07	2.77E-08
606692	4121660	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-10	4.18E-07	2.67E-08
606712	4121660	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.89E-10	3.95E-07	2.56E-08
606732	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-10	3.71E-07	2.45E-08
606752	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-10	3.48E-07	2.35E-08
606772	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-10	3.25E-07	2.24E-08
606992	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-10	1.41E-07	1.31E-08
607012	4121660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.96E-10	1.31E-07	1.25E-08
607032	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-10	1.22E-07	1.20E-08
607052	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.57E-10	1.14E-07	1.15E-08
605832	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-11	3.33E-08	2.20E-09
605852	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.20E-11	3.45E-08	2.26E-09
605872	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.27E-11	3.57E-08	2.34E-09
605892	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.34E-11	3.72E-08	2.42E-09
605912	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-11	3.88E-08	2.51E-09
605932	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-11	4.05E-08	2.60E-09
605952	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-11	4.24E-08	2.71E-09
605972	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-11	4.46E-08	2.83E-09
605992	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-11	4.71E-08	2.97E-09
606012	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-11	5.00E-08	3.13E-09
606032	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-11	5.33E-08	3.32E-09
606052	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.95E-11	5.72E-08	3.54E-09
606072	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-11	6.18E-08	3.80E-09
606232	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-10	1.59E-07	9.29E-09
606252	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-10	1.85E-07	1.07E-08
606272	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-10	2.16E-07	1.25E-08
606292	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-10	2.51E-07	1.44E-08
606372	4121680	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-10	4.10E-07	2.34E-08
606392	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-10	4.51E-07	2.58E-08
606432	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-10	5.22E-07	2.99E-08
606572	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-10	5.93E-07	3.53E-08
606592	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-10	5.77E-07	3.47E-08
606612	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-10	5.56E-07	3.38E-08
606632	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-10	5.31E-07	3.27E-08
606652	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-10	5.04E-07	3.14E-08
606672	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-10	4.75E-07	3.01E-08
606692	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-10	4.45E-07	2.87E-08
606712	4121680	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-10	4.15E-07	2.73E-08
606732	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-10	3.86E-07	2.59E-08
606752	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-10	3.58E-07	2.46E-08
606772	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-10	3.31E-07	2.33E-08
606992	4121680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-10	1.36E-07	1.33E-08
607012	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.91E-10	1.26E-07	1.26E-08
607032	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.17E-07	1.21E-08
607052	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.09E-07	1.15E-08
605632	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-11	2.69E-08	1.84E-09
605652	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.84E-11	2.77E-08	1.89E-09
605672	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-11	2.85E-08	1.94E-09
605692	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.99E-11	2.94E-08	1.99E-09
605712	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-11	3.03E-08	2.04E-09
605732	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-11	3.12E-08	2.09E-09
605752	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.22E-11	3.22E-08	2.15E-09
605772	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.30E-11	3.33E-08	2.21E-09
605792	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.38E-11	3.44E-08	2.28E-09
605832	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-11	3.69E-08	2.42E-09
605852	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-11	3.82E-08	2.50E-09
605872	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-11	3.97E-08	2.58E-09
605892	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-11	4.15E-08	2.68E-09
605912	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-11	4.33E-08	2.78E-09
605932	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-11	4.54E-08	2.90E-09
605952	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.03E-11	4.77E-08	3.03E-09
605972	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-11	5.03E-08	3.17E-09
605992	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.19E-11	5.32E-08	3.33E-09
606012	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-11	5.66E-08	3.52E-09
606032	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-11	6.06E-08	3.74E-09
606052	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.46E-11	6.52E-08	4.00E-09
606072	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-11	7.08E-08	4.31E-09
606152	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	1.08E-07	6.37E-09
606172	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-10	1.23E-07	7.24E-09
606192	4121700	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	1.42E-07	8.29E-09
606212	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	1.66E-07	9.58E-09
606232	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-10	1.94E-07	1.12E-08
606252	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-10	2.28E-07	1.31E-08
606272	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-10	2.69E-07	1.53E-08
606292	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-10	3.16E-07	1.80E-08
606372	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-10	5.18E-07	2.94E-08
606392	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-10	5.67E-07	3.22E-08
606432	4121700	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-10	6.47E-07	3.69E-08
606472	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-10	7.03E-07	4.04E-08
606492	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-10	7.16E-07	4.13E-08
606512	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-10	7.20E-07	4.18E-08
606532	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-10	7.17E-07	4.19E-08
606692	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-10	4.68E-07	3.06E-08
606712	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-10	4.31E-07	2.88E-08
606732	4121700	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-10	3.96E-07	2.72E-08
606752	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-10	3.63E-07	2.56E-08
606772	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.88E-10	3.33E-07	2.41E-08
606992	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.29E-07	1.33E-08
607012	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.19E-07	1.27E-08
607032	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	1.11E-07	1.21E-08
607052	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	1.03E-07	1.16E-08
605632	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.16E-11	2.90E-08	1.98E-09
605652	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.23E-11	3.00E-08	2.03E-09
605672	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.31E-11	3.09E-08	2.09E-09
605692	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-11	3.19E-08	2.15E-09
605712	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.47E-11	3.30E-08	2.21E-09
605732	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.55E-11	3.41E-08	2.28E-09
605752	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-11	3.53E-08	2.35E-09
605772	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.73E-11	3.66E-08	2.42E-09
605792	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.81E-11	3.80E-08	2.50E-09
605832	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.99E-11	4.10E-08	2.67E-09
605852	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.08E-11	4.26E-08	2.76E-09
605872	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-11	4.44E-08	2.86E-09
605892	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-11	4.65E-08	2.98E-09
605912	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.36E-11	4.86E-08	3.10E-09
605932	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-11	5.09E-08	3.23E-09

605952	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.55E-11	5.36E-08	3.38E-09
605972	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-11	5.67E-08	3.55E-09
605992	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-11	6.01E-08	3.74E-09
606012	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-11	6.42E-08	3.96E-09
606032	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.93E-11	6.89E-08	4.22E-09
606052	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-10	7.44E-08	4.52E-09
606072	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	8.10E-08	4.88E-09
606132	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	1.12E-07	6.60E-09
606152	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-10	1.28E-07	7.46E-09
606172	4121720	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-10	1.48E-07	8.56E-09
606192	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-10	1.73E-07	9.93E-09
606212	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-10	2.04E-07	1.16E-08
606232	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-10	2.42E-07	1.38E-08
606252	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-10	2.89E-07	1.63E-08
606272	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-10	3.44E-07	1.94E-08
606292	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-10	4.07E-07	2.30E-08
606372	4121720	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-10	6.65E-07	3.75E-08
606392	4121720	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-10	7.24E-07	4.09E-08
606432	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-10	8.08E-07	4.59E-08
606472	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-10	8.58E-07	4.91E-08
606492	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-10	8.62E-07	4.96E-08
606512	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-10	8.54E-07	4.94E-08
606532	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.60E-10	8.39E-07	4.89E-08
606552	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-10	8.07E-07	4.75E-08
606572	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-10	7.67E-07	4.56E-08
606592	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-10	7.23E-07	4.36E-08
606612	4121720	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-10	6.77E-07	4.15E-08
606632	4121720	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-10	6.27E-07	3.91E-08
606652	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-10	5.77E-07	3.66E-08
606672	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.41E-10	5.29E-07	3.43E-08
606692	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-10	4.83E-07	3.21E-08
606712	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-10	4.40E-07	3.01E-08
606732	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.60E-10	3.99E-07	2.81E-08
606752	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-10	3.63E-07	2.63E-08
606772	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.55E-10	3.29E-07	2.47E-08
606992	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	1.22E-07	1.34E-08
607012	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.13E-07	1.27E-08
607032	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	1.05E-07	1.21E-08
607052	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	9.71E-08	1.15E-08
605632	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-11	3.14E-08	2.13E-09
605652	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-11	3.25E-08	2.20E-09
605672	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.73E-11	3.36E-08	2.26E-09
605692	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.82E-11	3.48E-08	2.33E-09
605712	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-11	3.60E-08	2.41E-09
605732	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-11	3.74E-08	2.49E-09
605752	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.09E-11	3.88E-08	2.57E-09
605772	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.19E-11	4.03E-08	2.65E-09
605792	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-11	4.20E-08	2.75E-09
605832	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-11	4.56E-08	2.96E-09
605852	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-11	4.75E-08	3.06E-09
605872	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-11	4.97E-08	3.19E-09
605892	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-11	5.22E-08	3.33E-09
605912	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.89E-11	5.49E-08	3.48E-09
605932	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-10	5.76E-08	3.63E-09
605952	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	6.09E-08	3.81E-09
605972	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	6.45E-08	4.01E-09
605992	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-10	6.88E-08	4.24E-09
606012	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-10	7.38E-08	4.51E-09
606032	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	7.96E-08	4.82E-09
606052	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-10	8.65E-08	5.20E-09
606072	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	9.46E-08	5.64E-09
606392	4121740	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-10	9.36E-07	5.26E-08
606432	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-10	1.02E-06	5.75E-08
606472	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-10	1.05E-06	6.00E-08
606492	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-10	1.04E-06	5.96E-08
606512	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.60E-10	1.01E-06	5.85E-08
606532	4121740	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-10	9.77E-07	5.69E-08
606552	4121740	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-10	9.21E-07	5.43E-08
606572	4121740	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-10	8.56E-07	5.11E-08
606592	4121740	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-10	7.91E-07	4.79E-08
606612	4121740	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-10	7.28E-07	4.49E-08
606632	4121740	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-10	6.62E-07	4.17E-08
606652	4121740	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-10	5.98E-07	3.85E-08
606672	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-10	5.39E-07	3.57E-08
606692	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-10	4.87E-07	3.32E-08
606712	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.72E-10	4.38E-07	3.08E-08
606732	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-10	3.93E-07	2.86E-08
606752	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-10	3.53E-07	2.67E-08
606772	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-10	3.20E-07	2.51E-08
606792	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.88E-10	2.88E-07	2.35E-08
606812	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.45E-10	2.60E-07	2.21E-08
606832	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.05E-10	2.35E-07	2.08E-08
606852	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-10	2.13E-07	1.96E-08
606872	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.93E-07	1.86E-08
606892	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.76E-07	1.76E-08
606912	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	1.61E-07	1.66E-08
606932	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	1.47E-07	1.58E-08
606952	4121740	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.35E-07	1.50E-08
606992	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	1.15E-07	1.35E-08
607012	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	1.06E-07	1.28E-08
607032	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-09	9.81E-08	1.21E-08
607052	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	9.11E-08	1.15E-08
605632	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-11	3.39E-08	2.30E-09
605672	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.19E-11	3.65E-08	2.45E-09
605692	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-11	3.79E-08	2.53E-09
605712	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-11	3.94E-08	2.62E-09
605752	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.58E-11	4.27E-08	2.81E-09
605772	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-11	4.44E-08	2.91E-09
605792	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.80E-11	4.64E-08	3.03E-09
605832	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-10	5.08E-08	3.28E-09
605852	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	5.31E-08	3.41E-09
605872	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	5.59E-08	3.56E-09
605892	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-10	5.89E-08	3.73E-09
605912	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	6.22E-08	3.91E-09
605932	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-10	6.58E-08	4.11E-09
605952	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-10	6.98E-08	4.33E-09
605972	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	7.42E-08	4.57E-09

605992	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-10	7.95E-08	4.86E-09
606012	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-10	8.57E-08	5.19E-09
606032	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-10	9.31E-08	5.58E-09
606052	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-10	1.02E-07	6.05E-09
606072	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-10	1.12E-07	6.62E-09
606372	4121760	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-10	1.16E-06	6.45E-08
606432	4121760	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-10	1.29E-06	7.27E-08
606472	4121760	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-10	1.29E-06	7.35E-08
606492	4121760	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.60E-10	1.25E-06	7.17E-08
606512	4121760	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.79E-10	1.20E-06	6.90E-08
606532	4121760	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.00E-10	1.13E-06	6.57E-08
606552	4121760	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.23E-10	1.04E-06	6.12E-08
606572	4121760	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.47E-10	9.40E-07	5.64E-08
606592	4121760	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.77E-10	8.49E-07	5.19E-08
606612	4121760	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.12E-10	7.65E-07	4.78E-08
606632	4121760	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.49E-10	6.83E-07	4.37E-08
606652	4121760	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.88E-10	6.07E-07	4.00E-08
606672	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.32E-10	5.39E-07	3.67E-08
606692	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.84E-10	4.82E-07	3.39E-08
606712	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.36E-10	4.28E-07	3.14E-08
606732	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.91E-10	3.81E-07	2.90E-08
606752	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.52E-10	3.40E-07	2.70E-08
606772	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.22E-10	3.05E-07	2.54E-08
606792	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.86E-10	2.73E-07	2.38E-08
606812	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.52E-10	2.45E-07	2.23E-08
606832	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.02E-09	2.21E-07	2.10E-08
606852	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.09E-09	2.00E-07	1.98E-08
606872	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.81E-07	1.88E-08
606892	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.23E-09	1.65E-07	1.77E-08
606912	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.29E-09	1.51E-07	1.68E-08
606932	4121760	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.35E-09	1.38E-07	1.59E-08
606952	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.40E-09	1.26E-07	1.51E-08
606992	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.49E-09	1.07E-07	1.35E-08
607012	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.53E-09	9.87E-08	1.27E-08
607032	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.56E-09	9.15E-08	1.20E-08
607052	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.59E-09	8.51E-08	1.14E-08
605632	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-11	3.66E-08	2.48E-09
605672	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.68E-11	3.96E-08	2.65E-09
605692	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-11	4.12E-08	2.75E-09
605712	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-11	4.30E-08	2.85E-09
605752	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-10	4.69E-08	3.08E-09
605772	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	4.90E-08	3.20E-09
605792	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-10	5.14E-08	3.34E-09
605832	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-10	5.67E-08	3.64E-09
605852	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-10	5.96E-08	3.80E-09
605872	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-10	6.30E-08	3.99E-09
605892	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-10	6.66E-08	4.19E-09
605912	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-10	7.07E-08	4.42E-09
605932	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-10	7.52E-08	4.67E-09
605952	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-10	8.03E-08	4.94E-09
605992	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-10	9.22E-08	5.59E-09
606052	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-10	1.21E-07	7.12E-09
606072	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-10	1.35E-07	7.85E-09
606132	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-10	2.09E-07	1.15E-08
606152	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-10	2.49E-07	1.36E-08
606172	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-10	3.00E-07	1.63E-08
606192	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-10	3.66E-07	1.99E-08
606292	4121780	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-10	1.07E-06	5.88E-08
606312	4121780	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-10	1.22E-06	6.75E-08
606372	4121780	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-10	1.55E-06	8.60E-08
606392	4121780	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-10	1.61E-06	8.98E-08
606432	4121780	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-10	1.65E-06	9.26E-08
606472	4121780	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.61E-10	1.59E-06	9.04E-08
606492	4121780	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.79E-10	1.50E-06	8.61E-08
606512	4121780	0.000	0.000	0.005	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.00E-10	1.40E-06	8.06E-08
606532	4121780	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.24E-10	1.27E-06	7.45E-08
606552	4121780	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.49E-10	1.14E-06	6.76E-08
606572	4121780	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.77E-10	1.01E-06	6.09E-08
606592	4121780	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.12E-10	8.88E-07	5.50E-08
606612	4121780	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.52E-10	7.84E-07	4.98E-08
606632	4121780	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.94E-10	6.87E-07	4.51E-08
606652	4121780	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.40E-10	6.01E-07	4.08E-08
606672	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.91E-10	5.27E-07	3.72E-08
606692	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.51E-10	4.66E-07	3.43E-08
606712	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.13E-10	4.10E-07	3.16E-08
606732	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	7.77E-10	3.62E-07	2.93E-08
606752	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	8.48E-10	3.21E-07	2.72E-08
606772	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	9.30E-10	2.87E-07	2.56E-08
606792	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.01E-09	2.57E-07	2.40E-08
606812	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.09E-09	2.30E-07	2.26E-08
606832	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.17E-09	2.07E-07	2.13E-08
606852	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.25E-09	1.87E-07	2.01E-08
606872	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.32E-09	1.69E-07	1.90E-08
606892	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.39E-09	1.53E-07	1.79E-08
606912	4121780	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.46E-09	1.40E-07	1.69E-08
606932	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.52E-09	1.28E-07	1.60E-08
606952	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.58E-09	1.17E-07	1.51E-08
606992	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.67E-09	9.94E-08	1.34E-08
607012	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.71E-09	9.20E-08	1.27E-08
605632	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.98E-11	3.95E-08	2.67E-09
605672	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-10	4.30E-08	2.87E-09
605692	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-10	4.49E-08	2.98E-09
605712	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-10	4.70E-08	3.10E-09
605752	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-10	5.16E-08	3.37E-09
605772	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-10	5.41E-08	3.52E-09
605792	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-10	5.70E-08	3.68E-09
605832	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-10	6.34E-08	4.05E-09
605852	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-10	6.70E-08	4.25E-09
605872	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-10	7.11E-08	4.48E-09
605892	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-10	7.56E-08	4.73E-09
605912	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-10	8.06E-08	5.01E-09
605932	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-10	8.60E-08	5.30E-09
605952	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-10	9.23E-08	5.64E-09
605992	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-10	1.08E-07	6.48E-09
606052	4121800	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-10	1.46E-07	8.48E-09
606072	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-10	1.66E-07	9.46E-09
606152	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-10	3.39E-07	1.78E-08

606172	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-10	4.11E-07	2.17E-08
606192	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	5.11E-07	2.73E-08
606292	4121800	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-10	1.60E-06	8.77E-08
606312	4121800	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-10	1.78E-06	9.77E-08
606372	4121800	0.000	0.000	0.008	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-10	2.11E-06	1.17E-07
606432	4121800	0.000	0.000	0.008	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-10	2.13E-06	1.20E-07
606472	4121800	0.000	0.000	0.008	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-10	1.97E-06	1.12E-07
606492	4121800	0.000	0.000	0.007	0.006	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-10	1.79E-06	1.03E-07
606512	4121800	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-10	1.60E-06	9.23E-08
606532	4121800	0.000	0.000	0.005	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-10	1.40E-06	8.20E-08
606552	4121800	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-10	1.21E-06	7.24E-08
606572	4121800	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-10	1.04E-06	6.39E-08
606592	4121800	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-10	8.99E-07	5.67E-08
606612	4121800	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-10	7.75E-07	5.06E-08
606632	4121800	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-10	6.69E-07	4.54E-08
606652	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-10	5.79E-07	4.10E-08
606672	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-10	5.02E-07	3.73E-08
606692	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.28E-10	4.38E-07	3.43E-08
606712	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-10	3.84E-07	3.16E-08
606732	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-10	3.37E-07	2.94E-08
606752	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-10	2.98E-07	2.74E-08
606772	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	2.66E-07	2.58E-08
606792	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	2.36E-07	2.42E-08
606812	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	2.11E-07	2.28E-08
606832	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	1.90E-07	2.15E-08
606852	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	1.71E-07	2.02E-08
606872	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	1.55E-07	1.91E-08
606892	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	1.41E-07	1.80E-08
606912	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	1.29E-07	1.70E-08
606932	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	1.18E-07	1.60E-08
605632	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-10	4.96E-08	3.33E-09
605652	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-10	5.21E-08	3.47E-09
605672	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-10	5.48E-08	3.64E-09
605692	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-10	5.79E-08	3.81E-09
605712	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-10	6.11E-08	4.01E-09
605732	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-10	6.47E-08	4.21E-09
605752	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-10	6.87E-08	4.44E-09
605772	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-10	7.30E-08	4.69E-09
605792	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-10	7.79E-08	4.97E-09
605812	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-10	8.32E-08	5.28E-09
605832	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-10	8.93E-08	5.62E-09
605852	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-10	9.60E-08	6.00E-09
605872	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-10	1.04E-07	6.42E-09
605892	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-10	1.12E-07	6.91E-09
605912	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	1.22E-07	7.46E-09
605932	4121860	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-10	1.34E-07	8.08E-09
605952	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-10	1.47E-07	8.81E-09
605972	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-10	1.63E-07	9.66E-09
605992	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-10	1.83E-07	1.07E-08
606012	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-10	2.07E-07	1.20E-08
606032	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-10	2.39E-07	1.36E-08
606052	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-10	2.85E-07	1.58E-08
606072	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-10	3.34E-07	1.83E-08
606612	4121860	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.86E-10	6.21E-07	4.84E-08
606632	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.64E-10	5.18E-07	4.35E-08
606652	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-10	4.38E-07	3.98E-08
606672	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-10	3.76E-07	3.70E-08
606692	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	3.25E-07	3.45E-08
606712	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	2.83E-07	3.24E-08
606732	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.49E-07	3.05E-08
606752	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	2.20E-07	2.87E-08
606772	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	1.97E-07	2.72E-08
606792	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	1.76E-07	2.55E-08
606812	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	1.58E-07	2.39E-08
606832	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	1.43E-07	2.24E-08
606852	4121860	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-09	1.30E-07	2.10E-08
605632	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-10	5.35E-08	3.58E-09
605652	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-10	5.63E-08	3.75E-09
605672	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-10	5.95E-08	3.94E-09
605692	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-10	6.30E-08	4.14E-09
605712	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-10	6.68E-08	4.36E-09
605732	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-10	7.09E-08	4.60E-09
605752	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-10	7.56E-08	4.88E-09
605772	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-10	8.07E-08	5.17E-09
605792	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-10	8.60E-08	5.50E-09
605812	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-10	9.30E-08	5.87E-09
605832	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	1.00E-07	6.28E-09
605852	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-10	1.08E-07	6.74E-09
605872	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-10	1.18E-07	7.26E-09
605892	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-10	1.29E-07	7.88E-09
605912	4121880	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-10	1.42E-07	8.58E-09
605932	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-10	1.56E-07	9.39E-09
605952	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-10	1.74E-07	1.03E-08
605972	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-10	1.95E-07	1.15E-08
605992	4121880	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-10	2.21E-07	1.28E-08
606012	4121880	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	2.54E-07	1.46E-08
606032	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-10	2.98E-07	1.68E-08
606052	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-10	3.59E-07	1.98E-08
606072	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-10	4.30E-07	2.36E-08
606452	4121880	0.000	0.000	0.015	0.014	0.010	0.008	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-10	3.85E-06	2.18E-07
606472	4121880	0.000	0.000	0.011	0.010	0.007	0.006	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-10	2.85E-06	1.64E-07
606492	4121880	0.000	0.000	0.008	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.15E-10	2.14E-06	1.26E-07
606512	4121880	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-10	1.63E-06	9.97E-08
606532	4121880	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-10	1.26E-06	8.11E-08
606552	4121880	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-10	9.95E-07	6.81E-08
606572	4121880	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.17E-10	8.04E-07	5.92E-08
606592	4121880	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-10	6.56E-07	5.24E-08
606612	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-10	5.41E-07	4.72E-08
606632	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-10	4.51E-07	4.31E-08
606652	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-10	3.81E-07	4.00E-08
606672	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	3.29E-07	3.75E-08
606692	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-09	2.85E-07	3.53E-08
606712	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-09	2.49E-07	3.33E-08
606732	4121880	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	2.20E-07	3.14E-08
606752	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	1.96E-07	2.96E-08
606772	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	1.75E-07	2.79E-08
606792	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	1.57E-07	2.61E-08

606812	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-09	1.42E-07	2.44E-08
606832	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-09	1.29E-07	2.27E-08
606852	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	1.18E-07	2.11E-08
605632	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-10	5.76E-08	3.85E-09
605652	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-10	6.09E-08	4.04E-09
605672	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-10	6.45E-08	4.26E-09
605692	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-10	6.85E-08	4.49E-09
605712	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-10	7.29E-08	4.75E-09
605732	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-10	7.78E-08	5.03E-09
605752	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	8.33E-08	5.35E-09
605772	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-10	8.93E-08	5.70E-09
605792	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-10	9.62E-08	6.09E-09
605812	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-10	1.04E-07	6.54E-09
605832	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-10	1.13E-07	7.04E-09
605852	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-10	1.23E-07	7.59E-09
605872	4121900	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-10	1.34E-07	8.23E-09
605892	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-10	1.48E-07	9.02E-09
605912	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-10	1.64E-07	9.90E-09
605932	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	1.84E-07	1.10E-08
605952	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-10	2.07E-07	1.22E-08
605972	4121900	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-10	2.35E-07	1.37E-08
605992	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-10	2.70E-07	1.56E-08
606012	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-10	3.16E-07	1.80E-08
606032	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-10	3.77E-07	2.12E-08
606052	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-10	4.60E-07	2.54E-08
606072	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-10	5.47E-07	3.05E-08
606452	4121900	0.000	0.000	0.014	0.013	0.009	0.008	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-10	3.64E-06	2.08E-07
606472	4121900	0.000	0.000	0.010	0.009	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-10	2.61E-06	1.52E-07
606492	4121900	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-10	1.90E-06	1.15E-07
606512	4121900	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-10	1.41E-06	9.08E-08
606532	4121900	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.53E-10	1.08E-06	7.44E-08
606552	4121900	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-10	8.45E-07	6.34E-08
606572	4121900	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-10	6.80E-07	5.63E-08
606592	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.79E-10	5.56E-07	5.11E-08
606612	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-10	4.60E-07	4.70E-08
606632	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.93E-10	3.86E-07	4.37E-08
606652	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	3.29E-07	4.10E-08
606672	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.85E-07	3.89E-08
606692	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	2.48E-07	3.67E-08
606712	4121900	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	2.19E-07	3.47E-08
606732	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	1.94E-07	3.26E-08
606752	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	1.74E-07	3.06E-08
606772	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	1.56E-07	2.87E-08
606792	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-09	1.41E-07	2.67E-08
606812	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-09	1.28E-07	2.48E-08
606832	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-09	1.17E-07	2.30E-08
606852	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	1.07E-07	2.12E-08
605632	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-10	6.21E-08	4.14E-09
605652	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-10	6.58E-08	4.36E-09
605672	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-10	7.00E-08	4.61E-09
605692	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	7.46E-08	4.88E-09
605712	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-10	7.97E-08	5.18E-09
605732	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-10	8.53E-08	5.51E-09
605752	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-10	9.17E-08	5.88E-09
605772	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-10	9.88E-08	6.29E-09
605792	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-10	1.07E-07	6.76E-09
605812	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-10	1.16E-07	7.28E-09
605832	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-10	1.27E-07	7.89E-09
605852	4121920	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-10	1.39E-07	8.56E-09
605872	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-10	1.53E-07	9.36E-09
605892	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-10	1.71E-07	1.03E-08
605912	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-10	1.91E-07	1.14E-08
605932	4121920	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-10	2.15E-07	1.28E-08
605952	4121920	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-10	2.44E-07	1.44E-08
605973	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-10	2.81E-07	1.64E-08
605992	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-10	3.29E-07	1.89E-08
606012	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-10	3.90E-07	2.22E-08
606032	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-10	4.74E-07	2.66E-08
606052	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-10	5.92E-07	3.28E-08
606072	4121920	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-10	7.50E-07	4.15E-08
606452	4121920	0.000	0.000	0.013	0.012	0.008	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-10	3.23E-06	1.87E-07
606472	4121920	0.000	0.000	0.009	0.008	0.006	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-10	2.23E-06	1.35E-07
606532	4121920	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-10	8.78E-07	6.77E-08
606572	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-10	5.57E-07	5.47E-08
606592	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.81E-10	4.60E-07	5.11E-08
606612	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	3.86E-07	4.83E-08
606632	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-09	3.27E-07	4.56E-08
606652	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	2.81E-07	4.32E-08
606672	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	2.46E-07	4.11E-08
606692	4121920	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	2.16E-07	3.86E-08
606712	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	1.91E-07	3.63E-08
606732	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	1.71E-07	3.39E-08
606752	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-09	1.54E-07	3.16E-08
606772	4121920	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-09	1.39E-07	2.93E-08
606792	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-09	1.27E-07	2.71E-08
606812	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-09	1.16E-07	2.50E-08
606832	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	1.06E-07	2.29E-08
606852	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-09	9.79E-08	2.11E-08
605632	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-10	6.70E-08	4.46E-09
605652	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-10	7.12E-08	4.71E-09
605672	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-10	7.60E-08	4.99E-09
605692	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-10	8.12E-08	5.30E-09
605712	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-10	8.71E-08	5.64E-09
605732	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-10	9.37E-08	6.03E-09
605752	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-10	1.01E-07	6.46E-09
605772	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-10	1.09E-07	6.94E-09
605792	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	1.19E-07	7.49E-09
605812	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-10	1.30E-07	8.13E-09
605832	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-10	1.43E-07	8.85E-09
605852	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-10	1.58E-07	9.67E-09
605872	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-10	1.75E-07	1.07E-08
605892	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-10	1.97E-07	1.19E-08
605912	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-10	2.22E-07	1.33E-08
605932	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-10	2.52E-07	1.49E-08
605952	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-10	2.90E-07	1.70E-08
605972	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-10	3.39E-07	1.96E-08
605992	4121940	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-10	4.02E-07	2.31E-08

606012	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-10	4.86E-07	2.76E-08
606032	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-10	6.03E-07	3.39E-08
606052	4121940	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-10	7.78E-07	4.32E-08
606072	4121940	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-10	1.04E-06	5.76E-08
606532	4121940	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	6.87E-10	6.85E-07	6.33E-08
606572	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	8.76E-10	4.51E-07	5.58E-08
606592	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	1.01E-09	3.80E-07	5.37E-08
606612	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	1.16E-09	3.23E-07	5.16E-08
606632	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.77E-07	4.91E-08
606652	4121940	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	1.55E-09	2.42E-07	4.66E-08
606672	4121940	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	1.81E-09	2.13E-07	4.41E-08
606692	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	2.07E-09	1.89E-07	4.11E-08
606712	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	2.37E-09	1.68E-07	3.82E-08
606732	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	2.70E-09	1.52E-07	3.54E-08
606752	4121940	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3.03E-09	1.38E-07	3.26E-08
606772	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3.36E-09	1.25E-07	2.99E-08
606792	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	3.66E-09	1.14E-07	2.73E-08
606812	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	3.93E-09	1.05E-07	2.49E-08
606832	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	4.16E-09	9.69E-08	2.26E-08
606852	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	4.37E-09	8.97E-08	2.07E-08
605632	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-10	7.22E-08	4.79E-09
605652	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-10	7.71E-08	5.08E-09
605672	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-10	8.25E-08	5.40E-09
605692	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-10	8.85E-08	5.75E-09
605712	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-10	9.52E-08	6.15E-09
605732	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-10	1.03E-07	6.59E-09
605752	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-10	1.11E-07	7.09E-09
605772	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-10	1.21E-07	7.66E-09
605792	4121960	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-10	1.33E-07	8.32E-09
605812	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-10	1.46E-07	9.07E-09
605832	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-10	1.61E-07	9.92E-09
605852	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-10	1.79E-07	1.09E-08
605872	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-10	2.01E-07	1.21E-08
605892	4121960	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-10	2.27E-07	1.36E-08
605912	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-10	2.59E-07	1.54E-08
605932	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-10	2.98E-07	1.75E-08
605952	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-10	3.46E-07	2.02E-08
605972	4121960	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-10	4.10E-07	2.37E-08
605992	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-10	4.93E-07	2.82E-08
606012	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-10	6.07E-07	3.44E-08
606032	4121960	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-10	7.69E-07	4.32E-08
606052	4121960	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-10	1.02E-06	5.65E-08
606072	4121960	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-10	1.39E-06	7.71E-08
606572	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	1.00E-09	3.68E-07	6.07E-08
606592	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	1.17E-09	3.16E-07	5.94E-08
606612	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	1.36E-09	2.73E-07	5.71E-08
606632	4121960	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.37E-07	5.41E-08
606652	4121960	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	1.86E-09	2.10E-07	5.10E-08
606672	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	2.19E-09	1.87E-07	4.77E-08
606692	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	2.54E-09	1.66E-07	4.38E-08
606712	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	2.93E-09	1.50E-07	4.01E-08
606732	4121960	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	3.37E-09	1.36E-07	3.68E-08
606752	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3.78E-09	1.24E-07	3.33E-08
606772	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	4.17E-09	1.14E-07	3.02E-08
606792	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	4.54E-09	1.04E-07	2.73E-08
606812	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	4.80E-09	9.60E-08	2.45E-08
606832	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	5.04E-09	8.89E-08	2.21E-08
606852	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	5.24E-09	8.26E-08	2.00E-08
605632	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-10	7.79E-08	5.16E-09
605652	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-10	8.34E-08	5.48E-09
605672	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-10	8.95E-08	5.84E-09
605692	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-10	9.64E-08	6.25E-09
605712	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-10	1.04E-07	6.70E-09
605732	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-10	1.13E-07	7.22E-09
605752	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-10	1.23E-07	7.80E-09
605772	4121980	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-10	1.35E-07	8.47E-09
605792	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-10	1.48E-07	9.23E-09
605812	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-10	1.64E-07	1.01E-08
605832	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-10	1.82E-07	1.11E-08
605852	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-10	2.03E-07	1.23E-08
605872	4121980	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-10	2.30E-07	1.38E-08
605892	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-10	2.62E-07	1.56E-08
605912	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-10	3.01E-07	1.78E-08
605932	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-10	3.50E-07	2.05E-08
605952	4121980	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-10	4.12E-07	2.39E-08
605972	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-10	4.93E-07	2.84E-08
605992	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-10	6.00E-07	3.42E-08
606012	4121980	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-10	7.48E-07	4.23E-08
606032	4121980	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-10	9.61E-07	5.39E-08
606052	4121980	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-10	1.28E-06	7.11E-08
606072	4121980	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-10	1.75E-06	9.70E-08
606512	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	7.73E-10	5.08E-07	7.00E-08
606532	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	8.76E-10	4.23E-07	7.07E-08
606572	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	1.16E-09	3.07E-07	6.98E-08
606592	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	1.36E-09	2.67E-07	6.80E-08
606612	4121980	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	1.60E-09	2.34E-07	6.47E-08
606632	4121980	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	1.90E-09	2.06E-07	6.04E-08
606652	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	2.27E-09	1.84E-07	5.59E-08
606672	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	2.71E-09	1.65E-07	5.13E-08
606692	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	3.17E-09	1.48E-07	4.62E-08
606712	4121980	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	3.69E-09	1.34E-07	4.17E-08
606732	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	4.26E-09	1.23E-07	3.75E-08
606752	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	4.74E-09	1.12E-07	3.34E-08
606772	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	5.21E-09	1.03E-07	2.98E-08
606792	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	5.65E-09	9.55E-08	2.67E-08
606812	4121980	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	5.93E-09	8.83E-08	2.37E-08
606832	4121980	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	6.14E-09	8.20E-08	2.12E-08
606852	4121980	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	6.30E-09	7.67E-08	1.90E-08
605632	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-10	8.41E-08	5.54E-09
605652	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-10	9.02E-08	5.91E-09
605672	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-10	9.72E-08	6.32E-09
605692	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-10	1.05E-07	6.79E-09
605712	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-10	1.14E-07	7.31E-09
605732	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-10	1.24E-07	7.90E-09
605752	4122000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-10	1.36E-07	8.57E-09
605772	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-10	1.49E-07	9.34E-09
605792	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-10	1.65E-07	1.02E-08

605812	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-10	1.83E-07	1.13E-08
605832	4122000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-10	2.04E-07	1.25E-08
605852	4122000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-10	2.30E-07	1.39E-08
605872	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-10	2.62E-07	1.57E-08
605892	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-10	3.00E-07	1.79E-08
605912	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-10	3.46E-07	2.04E-08
605932	4122000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-10	4.05E-07	2.37E-08
605952	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-10	4.82E-07	2.79E-08
605972	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-10	5.80E-07	3.33E-08
605992	4122000	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-10	7.08E-07	4.03E-08
606012	4122000	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-10	8.84E-07	5.00E-08
606032	4122000	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-10	1.14E-06	6.38E-08
606052	4122000	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-10	1.50E-06	8.35E-08
606072	4122000	0.000	0.000	0.008	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-10	2.01E-06	1.11E-07
606292	4122000	0.000	0.000	0.019	0.017	0.012	0.010	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.26E-10	4.79E-06	2.68E-07
606312	4122000	0.000	0.000	0.016	0.015	0.010	0.009	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.42E-10	4.11E-06	2.31E-07
606332	4122000	0.000	0.000	0.014	0.013	0.009	0.007	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.59E-10	3.57E-06	2.03E-07
606352	4122000	0.000	0.000	0.012	0.011	0.008	0.006	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.79E-10	3.10E-06	1.78E-07
606512	4122000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	8.77E-10	4.10E-07	8.26E-08
606532	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	9.99E-10	3.48E-07	8.52E-08
606612	4122000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	1.92E-09	2.03E-07	7.38E-08
606632	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	2.31E-09	1.81E-07	6.71E-08
606652	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	2.81E-09	1.63E-07	6.05E-08
606672	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	3.41E-09	1.47E-07	5.41E-08
606692	4122000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	4.04E-09	1.33E-07	4.78E-08
606712	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	4.74E-09	1.22E-07	4.23E-08
606732	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	5.49E-09	1.12E-07	3.74E-08
606752	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	6.09E-09	1.03E-07	3.28E-08
606772	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	6.63E-09	9.46E-08	2.88E-08
606792	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.11E-09	8.79E-08	2.56E-08
606812	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.36E-09	8.15E-08	2.25E-08
606832	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	7.51E-09	7.60E-08	2.00E-08
606852	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	7.57E-09	7.13E-08	1.79E-08
605632	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-10	9.08E-08	5.97E-09
605652	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-10	9.78E-08	6.39E-09
605672	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-10	1.06E-07	6.85E-09
605692	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-10	1.15E-07	7.37E-09
605712	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-10	1.25E-07	7.97E-09
605732	4122020	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-10	1.36E-07	8.64E-09
605752	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-10	1.50E-07	9.42E-09
605772	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-10	1.65E-07	1.03E-08
605792	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-10	1.83E-07	1.13E-08
605812	4122020	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-10	2.04E-07	1.26E-08
605832	4122020	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-10	2.29E-07	1.40E-08
605852	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-10	2.59E-07	1.56E-08
605872	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-10	2.96E-07	1.77E-08
605892	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-10	3.41E-07	2.02E-08
605912	4122020	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-10	3.96E-07	2.33E-08
605932	4122020	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-10	4.65E-07	2.71E-08
605952	4122020	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-10	5.54E-07	3.21E-08
605972	4122020	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-10	6.68E-07	3.84E-08
605992	4122020	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-10	8.16E-07	4.65E-08
606012	4122020	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-10	1.02E-06	5.74E-08
606032	4122020	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-10	1.29E-06	7.26E-08
606052	4122020	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-10	1.68E-06	9.37E-08
606072	4122020	0.000	0.000	0.008	0.008	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-10	2.19E-06	1.22E-07
606272	4122020	0.000	0.000	0.018	0.016	0.011	0.009	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.65E-10	4.51E-06	2.53E-07
606292	4122020	0.000	0.000	0.014	0.013	0.009	0.007	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.81E-10	3.55E-06	2.01E-07
606312	4122020	0.000	0.000	0.012	0.011	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.00E-10	2.96E-06	1.69E-07
606332	4122020	0.000	0.000	0.010	0.009	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.21E-10	2.50E-06	1.46E-07
606352	4122020	0.000	0.000	0.008	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	5.45E-10	2.11E-06	1.26E-07
606512	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	1.01E-09	3.43E-07	1.07E-07
606532	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	1.15E-09	2.95E-07	1.09E-07
606612	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	2.34E-09	1.79E-07	8.28E-08
606632	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	2.88E-09	1.61E-07	7.29E-08
606652	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	3.57E-09	1.45E-07	6.38E-08
606672	4122020	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	4.41E-09	1.32E-07	5.56E-08
606692	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	5.29E-09	1.21E-07	4.80E-08
606712	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	6.25E-09	1.11E-07	4.17E-08
606732	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	7.24E-09	1.02E-07	3.63E-08
606752	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	7.97E-09	9.42E-08	3.14E-08
606772	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	8.54E-09	8.72E-08	2.73E-08
606792	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.02E-09	8.14E-08	2.41E-08
606812	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.16E-09	7.57E-08	2.10E-08
606832	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	9.17E-09	7.09E-08	1.86E-08
606852	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	9.04E-09	6.66E-08	1.66E-08
605632	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-10	9.81E-08	6.43E-09
605652	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-10	1.06E-07	6.89E-09
605672	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-10	1.15E-07	7.41E-09
605692	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-10	1.25E-07	8.01E-09
605712	4122040	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-10	1.36E-07	8.68E-09
605732	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-10	1.49E-07	9.44E-09
605752	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-10	1.65E-07	1.03E-08
605772	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-10	1.82E-07	1.13E-08
605792	4122040	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-10	2.03E-07	1.25E-08
605812	4122040	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-10	2.27E-07	1.39E-08
605832	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-10	2.56E-07	1.55E-08
605852	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-10	2.91E-07	1.75E-08
605872	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-10	3.33E-07	1.99E-08
605892	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-10	3.84E-07	2.27E-08
605912	4122040	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-10	4.47E-07	2.63E-08
605932	4122040	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-10	5.25E-07	3.06E-08
605952	4122040	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-10	6.25E-07	3.61E-08
605972	4122040	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-10	7.51E-07	4.31E-08
605992	4122040	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-10	9.14E-07	5.21E-08
606012	4122040	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-10	1.13E-06	6.40E-08
606032	4122040	0.000	0.000	0.005	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-10	1.42E-06	7.97E-08
606052	4122040	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-10	1.81E-06	1.01E-07
606072	4122040	0.000	0.000	0.009	0.008	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.56E-10	2.34E-06	1.30E-07
606272	4122040	0.000	0.000	0.014	0.013	0.009	0.007	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.29E-10	3.50E-06	1.99E-07
606292	4122040	0.000	0.000	0.010	0.010	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.50E-10	2.67E-06	1.55E-07
606312	4122040	0.000	0.000	0.008	0.008	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	5.74E-10	2.17E-06	1.29E-07
606332	4122040	0.000	0.000	0.007	0.006	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	6.01E-10	1.80E-06	1.10E-07
606352	4122040	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	6.31E-10	1.51E-06	9.71E-08
606512	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	1.17E-09	2.93E-07	1.46E-07
606532	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	1.35E-09	2.54E-07	1.44E-07
606572	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	1.89E-09	1.98E-07	1.20E-07

606592	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-09	1.78E-07	1.05E-07
606612	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	1.60E-07	8.99E-08
606632	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	1.44E-07	7.64E-08
606652	4122040	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-09	1.31E-07	6.49E-08
606672	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	5.90E-09	1.20E-07	5.51E-08
606692	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-09	1.10E-07	4.66E-08
606712	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-09	1.01E-07	3.98E-08
606732	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.77E-09	9.43E-08	3.43E-08
606752	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	8.71E-08	2.93E-08
606772	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	8.08E-08	2.53E-08
606792	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	7.58E-08	2.22E-08
606812	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	7.07E-08	1.93E-08
606832	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	6.64E-08	1.70E-08
606852	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	6.26E-08	1.52E-08
605632	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-10	1.06E-07	6.91E-09
605652	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-10	1.15E-07	7.43E-09
605672	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-10	1.24E-07	8.02E-09
605692	4122060	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-10	1.36E-07	8.68E-09
605712	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-10	1.49E-07	9.44E-09
605732	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-10	1.63E-07	1.03E-08
605752	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-10	1.81E-07	1.13E-08
605772	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-10	2.01E-07	1.25E-08
605792	4122060	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-10	2.24E-07	1.38E-08
605812	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-10	2.52E-07	1.54E-08
605832	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-10	2.84E-07	1.72E-08
605852	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-10	3.23E-07	1.94E-08
605872	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-10	3.70E-07	2.21E-08
605892	4122060	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-10	4.27E-07	2.53E-08
605912	4122060	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-10	4.97E-07	2.92E-08
605932	4122060	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-10	5.83E-07	3.40E-08
605952	4122060	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-10	6.91E-07	4.00E-08
605972	4122060	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-10	8.24E-07	4.74E-08
605992	4122060	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-10	9.95E-07	5.69E-08
606012	4122060	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-10	1.22E-06	6.90E-08
606032	4122060	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-10	1.50E-06	8.48E-08
606052	4122060	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-10	1.89E-06	1.06E-07
606072	4122060	0.000	0.000	0.009	0.009	0.006	0.005	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.89E-10	2.40E-06	1.34E-07
606272	4122060	0.000	0.000	0.010	0.009	0.006	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-10	2.51E-06	1.47E-07
606292	4122060	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-10	1.93E-06	1.17E-07
606312	4122060	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.63E-10	1.58E-06	9.97E-08
606332	4122060	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.98E-10	1.33E-06	8.87E-08
606352	4122060	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.36E-10	1.11E-06	8.15E-08
606572	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	1.76E-07	1.36E-07
606592	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	1.59E-07	1.13E-07
606612	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-09	1.44E-07	9.27E-08
606632	4122060	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-09	1.31E-07	7.62E-08
606652	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-09	1.20E-07	6.30E-08
606672	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.23E-09	1.10E-07	5.23E-08
606692	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-07	4.36E-08
606712	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	9.36E-08	3.67E-08
606732	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	8.72E-08	3.13E-08
606752	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	8.09E-08	2.66E-08
606772	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	7.54E-08	2.29E-08
606792	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	7.08E-08	2.00E-08
606812	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	6.61E-08	1.75E-08
606832	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	6.23E-08	1.54E-08
606852	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	5.89E-08	1.38E-08
607052	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-09	3.59E-08	5.63E-09
605632	4122080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-10	1.14E-07	7.43E-09
605652	4122080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-10	1.24E-07	8.01E-09
605672	4122080	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-10	1.35E-07	8.66E-09
605692	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-10	1.47E-07	9.40E-09
605712	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-10	1.62E-07	1.02E-08
605732	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-10	1.78E-07	1.12E-08
605752	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-10	1.97E-07	1.23E-08
605772	4122080	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-10	2.20E-07	1.36E-08
605792	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-10	2.46E-07	1.51E-08
605812	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-10	2.76E-07	1.69E-08
605832	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-10	3.13E-07	1.89E-08
605852	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-10	3.56E-07	2.14E-08
605872	4122080	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-10	4.07E-07	2.43E-08
605892	4122080	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-10	4.70E-07	2.78E-08
605912	4122080	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-10	5.45E-07	3.20E-08
605932	4122080	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-10	6.36E-07	3.72E-08
605952	4122080	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-10	7.49E-07	4.35E-08
606272	4122080	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-10	1.70E-06	1.06E-07
606292	4122080	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.25E-10	1.39E-06	9.14E-08
606312	4122080	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.68E-10	1.17E-06	8.32E-08
606332	4122080	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-10	1.00E-06	7.87E-08
606352	4122080	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-10	8.53E-07	7.81E-08
606572	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-09	1.58E-07	1.43E-07
606592	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-09	1.43E-07	1.14E-07
606612	4122080	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-09	1.31E-07	9.02E-08
606632	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	6.79E-09	1.19E-07	7.20E-08
606652	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.23E-09	1.10E-07	5.82E-08
606672	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.01E-07	4.76E-08
606692	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	9.35E-08	3.93E-08
606712	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	8.68E-08	3.28E-08
606732	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	8.09E-08	2.78E-08
606752	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-08	7.54E-08	2.36E-08
606772	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	7.06E-08	2.04E-08
606792	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	6.64E-08	1.78E-08
606812	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	6.23E-08	1.56E-08
606892	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	4.99E-08	9.99E-09
606912	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.30E-09	4.74E-08	9.07E-09
606932	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-09	4.51E-08	8.30E-09
605632	4122100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-10	1.23E-07	7.97E-09
605652	4122100	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-10	1.34E-07	8.61E-09
605672	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-10	1.46E-07	9.33E-09
605692	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-10	1.59E-07	1.01E-08
605712	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-10	1.75E-07	1.11E-08
605732	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-10	1.94E-07	1.21E-08
605752	4122100	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-10	2.15E-07	1.34E-08
605772	4122100	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-10	2.39E-07	1.48E-08
605792	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-10	2.67E-07	1.64E-08
605812	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-10	3.01E-07	1.83E-08
605832	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-10	3.40E-07	2.06E-08

605852	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-10	3.86E-07	2.32E-08
605872	4122100	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-10	4.39E-07	2.62E-08
605892	4122100	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-10	5.06E-07	3.00E-08
605912	4122100	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-10	5.83E-07	3.44E-08
606572	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	3.62E-09	1.43E-07	1.38E-07
606592	4122100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	4.86E-09	1.30E-07	1.05E-07
606612	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	6.82E-09	1.19E-07	8.11E-08
606632	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	9.88E-09	1.09E-07	6.37E-08
606652	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.01E-07	5.08E-08
606672	4122100	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	1.88E-08	9.32E-08	4.12E-08
606692	4122100	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	2.29E-08	8.66E-08	3.40E-08
606712	4122100	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	2.55E-08	8.07E-08	2.85E-08
606852	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.44E-08	5.26E-08	1.10E-08
606872	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.25E-08	4.99E-08	9.97E-09
606892	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.07E-08	4.73E-08	9.02E-09
606912	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.24E-09	4.51E-08	8.24E-09
606932	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.00E-09	4.30E-08	7.58E-09
605632	4122120	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-10	1.32E-07	8.54E-09
605652	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-10	1.44E-07	9.25E-09
605672	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-10	1.57E-07	1.00E-08
605692	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-10	1.72E-07	1.09E-08
605712	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-10	1.89E-07	1.19E-08
605732	4122120	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-10	2.09E-07	1.31E-08
605752	4122120	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-10	2.32E-07	1.44E-08
605772	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-10	2.58E-07	1.60E-08
605792	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-10	2.88E-07	1.77E-08
605812	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-10	3.24E-07	1.98E-08
605832	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-10	3.65E-07	2.21E-08
605852	4122120	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-10	4.13E-07	2.49E-08
605872	4122120	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-10	4.68E-07	2.80E-08
605992	4122120	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.19E-10	1.10E-06	6.39E-08
606012	4122120	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.38E-10	1.29E-06	7.42E-08
606032	4122120	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.59E-10	1.51E-06	8.65E-08
606052	4122120	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.81E-10	1.77E-06	1.01E-07
606512	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.000	0.000	0.000	0.000	0.000	2.65E-09	1.81E-07	3.35E-07
606532	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	3.09E-09	1.61E-07	2.35E-07
606552	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	3.74E-09	1.45E-07	1.67E-07
606572	4122120	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	4.80E-09	1.31E-07	1.22E-07
606592	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	6.67E-09	1.20E-07	9.05E-08
606772	4122120	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.81E-08	6.23E-08	1.56E-08
606792	4122120	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.41E-08	5.88E-08	1.37E-08
606812	4122120	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.06E-08	5.56E-08	1.22E-08
606852	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.47E-08	4.99E-08	9.88E-09
606872	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.24E-08	4.74E-08	8.97E-09
606892	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.04E-08	4.51E-08	8.18E-09
606912	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.86E-09	4.30E-08	7.51E-09
605632	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-10	1.41E-07	9.13E-09
605652	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-10	1.54E-07	9.90E-09
605672	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-10	1.68E-07	1.07E-08
605692	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-10	1.85E-07	1.17E-08
605712	4122140	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-10	2.03E-07	1.28E-08
605732	4122140	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-10	2.24E-07	1.40E-08
605752	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-10	2.49E-07	1.55E-08
605772	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-10	2.76E-07	1.71E-08
605792	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-10	3.08E-07	1.89E-08
605812	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-10	3.45E-07	2.11E-08
605832	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-10	3.88E-07	2.35E-08
605852	4122140	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-10	4.36E-07	2.63E-08
605932	4122140	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.94E-10	7.24E-07	4.28E-08
605952	4122140	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.12E-10	8.26E-07	4.87E-08
605972	4122140	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.31E-10	9.43E-07	5.53E-08
605992	4122140	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.51E-10	1.08E-06	6.30E-08
606012	4122140	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.73E-10	1.23E-06	7.16E-08
606032	4122140	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.97E-10	1.40E-06	8.12E-08
606052	4122140	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.22E-10	1.58E-06	9.15E-08
606072	4122140	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.50E-10	1.73E-06	1.01E-07
606132	4122140	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	6.51E-10	1.92E-06	1.13E-07
606152	4122140	0.000	0.000	0.007	0.006	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	6.91E-10	1.83E-06	1.10E-07
606172	4122140	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	7.35E-10	1.68E-06	1.04E-07
606652	4122140	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	4.53E-08	8.67E-08	3.47E-08
606672	4122140	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	5.61E-08	8.07E-08	2.85E-08
606712	4122140	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	5.24E-08	7.05E-08	2.03E-08
606732	4122140	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.51E-08	6.62E-08	1.75E-08
606752	4122140	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.78E-08	6.23E-08	1.53E-08
606772	4122140	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	3.12E-08	5.88E-08	1.35E-08
606792	4122140	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.56E-08	5.55E-08	1.20E-08
606812	4122140	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.11E-08	5.27E-08	1.08E-08
606832	4122140	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.72E-08	4.99E-08	9.75E-09
606852	4122140	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.42E-08	4.74E-08	8.88E-09
605632	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-10	1.51E-07	9.74E-09
605652	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-10	1.65E-07	1.06E-08
605672	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-10	1.80E-07	1.15E-08
605692	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-10	1.97E-07	1.25E-08
605712	4122160	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-10	2.17E-07	1.37E-08
605732	4122160	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-10	2.39E-07	1.50E-08
605752	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-10	2.64E-07	1.65E-08
605772	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-10	2.93E-07	1.81E-08
605792	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-10	3.26E-07	2.00E-08
605812	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-10	3.63E-07	2.23E-08
605832	4122160	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-10	4.06E-07	2.47E-08
605912	4122160	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.03E-10	6.44E-07	3.86E-08
605932	4122160	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.21E-10	7.25E-07	4.32E-08
605952	4122160	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.41E-10	8.16E-07	4.85E-08
605972	4122160	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.62E-10	9.16E-07	5.43E-08
605992	4122160	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.85E-10	1.03E-06	6.07E-08
606012	4122160	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.10E-10	1.14E-06	6.75E-08
606032	4122160	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.37E-10	1.26E-06	7.45E-08
606052	4122160	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.67E-10	1.38E-06	8.14E-08
606072	4122160	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.99E-10	1.47E-06	8.68E-08
606132	4122160	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	7.17E-10	1.50E-06	9.18E-08
606152	4122160	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	7.64E-10	1.41E-06	8.91E-08
606172	4122160	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	8.16E-10	1.29E-06	8.52E-08
606512	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	4.95E-09	1.51E-07	2.46E-07
606532	4122160	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	6.04E-09	1.35E-07	1.56E-07
606552	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	7.68E-09	1.23E-07	1.04E-07
606652	4122160	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	9.44E-08	8.10E-08	2.78E-08
606672	4122160	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.67E-08	7.55E-08	2.33E-08

606712	4122160	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-08	6.63E-08	1.71E-08
606732	4122160	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.21E-08	6.23E-08	1.50E-08
606752	4122160	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	5.88E-08	1.33E-08
606772	4122160	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-08	5.56E-08	1.18E-08
606792	4122160	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	5.26E-08	1.06E-08
606872	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	4.30E-08	7.39E-09
606892	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-09	4.11E-08	6.82E-09
606912	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-09	3.92E-08	6.32E-09
605632	4122180	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-10	1.60E-07	1.03E-08
605652	4122180	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-10	1.75E-07	1.12E-08
605672	4122180	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-10	1.91E-07	1.22E-08
605692	4122180	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-10	2.09E-07	1.32E-08
605712	4122180	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-10	2.29E-07	1.45E-08
605732	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-10	2.52E-07	1.58E-08
605752	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-10	2.78E-07	1.74E-08
605772	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-10	3.08E-07	1.91E-08
605792	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-10	3.40E-07	2.10E-08
605812	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-10	3.78E-07	2.32E-08
605832	4122180	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-10	4.19E-07	2.57E-08
605892	4122180	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-10	5.77E-07	3.49E-08
605912	4122180	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-10	6.41E-07	3.87E-08
605932	4122180	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-10	7.12E-07	4.30E-08
605952	4122180	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-10	7.89E-07	4.75E-08
605972	4122180	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.96E-10	8.70E-07	5.23E-08
605992	4122180	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-10	9.55E-07	5.74E-08
606012	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.50E-10	1.04E-06	6.26E-08
606032	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.81E-10	1.12E-06	6.75E-08
606052	4122180	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-10	1.20E-06	7.22E-08
606132	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-10	1.20E-06	7.77E-08
606152	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.45E-10	1.12E-06	7.61E-08
606172	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.07E-10	1.03E-06	7.44E-08
606332	4122180	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	4.01E-07	2.15E-07
606352	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-09	3.61E-07	3.20E-07
606672	4122180	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	7.11E-08	1.93E-08
606712	4122180	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.27E-08	6.25E-08	1.46E-08
606812	4122180	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	4.75E-08	8.66E-09
606832	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	4.51E-08	7.94E-09
606852	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	4.30E-08	7.30E-09
606872	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-09	4.10E-08	6.75E-09
606892	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-09	3.92E-08	6.27E-09
606912	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-09	3.75E-08	5.84E-09
605872	4122200	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-10	5.19E-07	3.19E-08
605892	4122200	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-10	5.71E-07	3.50E-08
605912	4122200	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-10	6.28E-07	3.84E-08
605932	4122200	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-10	6.88E-07	4.21E-08
605952	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-10	7.50E-07	4.59E-08
605972	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-10	8.13E-07	4.98E-08
605992	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-10	8.76E-07	5.37E-08
606012	4122200	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.93E-10	9.35E-07	5.76E-08
606032	4122200	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-10	9.88E-07	6.11E-08
606052	4122200	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-10	1.03E-06	6.43E-08
606072	4122200	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-10	1.03E-06	6.60E-08
606132	4122200	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.69E-10	9.89E-07	6.85E-08
606152	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-10	9.21E-07	6.81E-08
606172	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	8.47E-07	6.81E-08
606332	4122200	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	3.54E-07	2.34E-07
606352	4122200	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-09	3.18E-07	3.32E-07
606672	4122200	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	6.71E-08	1.64E-08
606752	4122200	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-08	5.28E-08	1.03E-08
606772	4122200	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	5.00E-08	9.36E-09
606792	4122200	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	4.75E-08	8.54E-09
606812	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	4.52E-08	7.84E-09
606832	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	4.30E-08	7.23E-09
606852	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-09	4.10E-08	6.69E-09
606872	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	3.92E-08	6.22E-09
606892	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.37E-09	3.75E-08	5.80E-09
605872	4122220	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.41E-10	5.12E-07	3.18E-08
605892	4122220	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-10	5.58E-07	3.46E-08
605912	4122220	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-10	6.06E-07	3.76E-08
605932	4122220	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-10	6.55E-07	4.07E-08
605952	4122220	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-10	7.04E-07	4.39E-08
605972	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-10	7.51E-07	4.70E-08
605992	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-10	7.95E-07	5.00E-08
606012	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.39E-10	8.35E-07	5.29E-08
606032	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.79E-10	8.68E-07	5.55E-08
606052	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-10	8.96E-07	5.80E-08
606132	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.57E-10	8.31E-07	6.23E-08
606152	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	7.73E-07	6.30E-08
606172	4122220	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-09	7.13E-07	6.46E-08
606292	4122220	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	3.88E-07	1.35E-07
606712	4122220	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-08	5.61E-08	1.12E-08
606732	4122220	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-08	5.29E-08	1.02E-08
606752	4122220	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	5.01E-08	9.24E-09
606772	4122220	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	4.76E-08	8.46E-09
606792	4122220	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	4.52E-08	7.77E-09
606812	4122220	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	4.31E-08	7.17E-09
605872	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-10	4.99E-07	3.14E-08
605892	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-10	5.38E-07	3.39E-08
605912	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-10	5.77E-07	3.65E-08
605932	4122240	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-10	6.15E-07	3.90E-08
605952	4122240	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-10	6.52E-07	4.16E-08
605972	4122240	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.11E-10	6.86E-07	4.41E-08
605992	4122240	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.48E-10	7.16E-07	4.65E-08
606012	4122240	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.89E-10	7.42E-07	4.87E-08
606032	4122240	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-10	7.62E-07	5.08E-08
606052	4122240	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.84E-10	7.80E-07	5.29E-08
606132	4122240	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-09	7.11E-07	5.83E-08
606152	4122240	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	6.60E-07	5.99E-08
606192	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	5.61E-07	6.66E-08
606292	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-09	3.43E-07	1.31E-07
606312	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	3.10E-07	1.57E-07
606332	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	2.80E-07	1.86E-07
606352	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	2.52E-07	2.12E-07
606392	4122240	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	2.04E-07	2.16E-07
606412	4122240	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	6.01E-09	1.83E-07	1.97E-07
606452	4122240	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	9.49E-09	1.49E-07	1.27E-07
606472	4122240	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.34E-07	8.88E-08

606712	4122240	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	5.33E-08	1.01E-08
606732	4122240	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	5.04E-08	9.17E-09
606752	4122240	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	4.78E-08	8.40E-09
605852	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-10	4.50E-07	2.87E-08
605872	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-10	4.80E-07	3.08E-08
605892	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-10	5.12E-07	3.29E-08
605912	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-10	5.42E-07	3.50E-08
605932	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-10	5.71E-07	3.72E-08
605952	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.18E-10	5.98E-07	3.93E-08
605972	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-10	6.21E-07	4.12E-08
605992	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.98E-10	6.40E-07	4.32E-08
606012	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-10	6.56E-07	4.50E-08
606032	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.95E-10	6.68E-07	4.67E-08
606052	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-10	6.80E-07	4.86E-08
606132	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	6.19E-07	5.57E-08
606152	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	5.73E-07	5.78E-08
606172	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	5.30E-07	6.10E-08
606192	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	4.89E-07	6.57E-08
606212	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	4.48E-07	7.20E-08
606292	4122260	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-09	3.07E-07	1.19E-07
606312	4122260	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	2.78E-07	1.35E-07
606332	4122260	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	2.52E-07	1.48E-07
606352	4122260	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-09	2.28E-07	1.57E-07
606392	4122260	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	6.08E-09	1.86E-07	1.47E-07
606412	4122260	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-09	1.68E-07	1.30E-07
606452	4122260	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.37E-07	8.46E-08
606472	4122260	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.24E-07	6.35E-08
606712	4122260	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-08	5.08E-08	9.15E-09
605852	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-10	4.33E-07	2.82E-08
605872	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-10	4.57E-07	2.98E-08
605892	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-10	4.81E-07	3.16E-08
605912	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.88E-10	5.06E-07	3.35E-08
605932	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-10	5.29E-07	3.54E-08
605952	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-10	5.48E-07	3.72E-08
605972	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-10	5.63E-07	3.89E-08
605992	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.51E-10	5.76E-07	4.05E-08
606012	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-10	5.85E-07	4.21E-08
606032	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.61E-10	5.92E-07	4.37E-08
606052	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-10	6.00E-07	4.55E-08
606172	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	4.65E-07	5.95E-08
606192	4122280	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-09	4.30E-07	6.41E-08
606212	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-09	3.96E-07	6.99E-08
606232	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	3.63E-07	7.70E-08
606292	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-09	2.75E-07	1.04E-07
606312	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-09	2.51E-07	1.12E-07
606332	4122280	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-09	2.28E-07	1.17E-07
606352	4122280	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-09	2.07E-07	1.18E-07
606372	4122280	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	6.05E-09	1.88E-07	1.14E-07
606392	4122280	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	7.38E-09	1.70E-07	1.05E-07
606412	4122280	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	9.19E-09	1.54E-07	9.23E-08
606432	4122280	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.40E-07	7.75E-08
606452	4122280	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.27E-07	6.25E-08
606472	4122280	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	1.16E-07	4.91E-08
606492	4122280	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-08	1.06E-07	3.84E-08
606512	4122280	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-08	9.72E-08	3.06E-08
606532	4122280	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-08	8.95E-08	2.51E-08
606552	4122280	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.29E-08	8.27E-08	2.11E-08
606572	4122280	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	7.66E-08	1.81E-08
606892	4122280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-09	3.20E-08	4.48E-09
606912	4122280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-09	3.07E-08	4.23E-09
605632	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-10	2.04E-07	1.34E-08
605652	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-10	2.19E-07	1.43E-08
605672	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-10	2.35E-07	1.54E-08
605692	4122300	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-10	2.52E-07	1.65E-08
605852	4122300	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-10	4.15E-07	2.76E-08
605872	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-10	4.33E-07	2.90E-08
605892	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.89E-10	4.50E-07	3.04E-08
605912	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-10	4.69E-07	3.20E-08
605932	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-10	4.88E-07	3.38E-08
605952	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-10	5.01E-07	3.53E-08
605972	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.56E-10	5.11E-07	3.68E-08
605992	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.08E-10	5.19E-07	3.82E-08
606012	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-10	5.24E-07	3.97E-08
606032	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.32E-10	5.28E-07	4.13E-08
606052	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	5.35E-07	4.32E-08
606292	4122300	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	2.49E-07	8.85E-08
606312	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-09	2.27E-07	9.17E-08
606332	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	2.07E-07	9.26E-08
606352	4122300	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	5.91E-09	1.89E-07	9.10E-08
606392	4122300	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	8.73E-09	1.57E-07	7.85E-08
606412	4122300	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.43E-07	6.92E-08
606432	4122300	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.30E-07	5.89E-08
606452	4122300	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.19E-07	4.88E-08
606472	4122300	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-08	1.09E-07	3.96E-08
606492	4122300	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-08	9.95E-08	3.20E-08
606512	4122300	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	9.15E-08	2.61E-08
606832	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	3.48E-08	5.04E-09
606852	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-09	3.34E-08	4.74E-09
606872	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	3.20E-08	4.47E-09
606892	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-09	3.08E-08	4.23E-09
606912	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	2.96E-08	4.01E-09
605632	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-10	2.08E-07	1.37E-08
605652	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-10	2.22E-07	1.47E-08
605672	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-10	2.37E-07	1.56E-08
605692	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-10	2.53E-07	1.67E-08
605772	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-10	3.22E-07	2.14E-08
605792	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-10	3.40E-07	2.27E-08
605852	4122320	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-10	3.94E-07	2.68E-08
605872	4122320	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-10	4.07E-07	2.80E-08
605892	4122320	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-10	4.21E-07	2.93E-08
605912	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-10	4.34E-07	3.07E-08
605932	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.12E-10	4.49E-07	3.23E-08
605952	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-10	4.58E-07	3.37E-08
605972	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-10	4.64E-07	3.49E-08
605992	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-10	4.68E-07	3.63E-08
606012	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-10	4.71E-07	3.77E-08
606032	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	4.73E-07	3.93E-08

606392	4122320	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-09	1.45E-07	6.11E-08
606412	4122320	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.33E-07	5.42E-08
606432	4122320	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.21E-07	4.69E-08
606452	4122320	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.11E-07	3.95E-08
606472	4122320	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	1.02E-07	3.29E-08
606752	4122320	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-09	4.03E-08	6.15E-09
606772	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-09	3.83E-08	5.73E-09
606792	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-09	3.66E-08	5.36E-09
606812	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	3.50E-08	5.04E-09
606832	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	3.35E-08	4.74E-09
606852	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-09	3.22E-08	4.47E-09
606872	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-09	3.09E-08	4.23E-09
606892	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-09	2.97E-08	4.01E-09
606912	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	2.86E-08	3.81E-09
605632	4122340	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-10	2.10E-07	1.40E-08
605652	4122340	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-10	2.23E-07	1.49E-08
605672	4122340	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-10	2.37E-07	1.58E-08
605692	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-10	2.52E-07	1.68E-08
605712	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-10	2.67E-07	1.78E-08
605732	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-10	2.82E-07	1.89E-08
605752	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-10	2.96E-07	1.99E-08
605772	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-10	3.12E-07	2.11E-08
605792	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-10	3.27E-07	2.23E-08
605812	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-10	3.43E-07	2.35E-08
605832	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-10	3.58E-07	2.47E-08
605852	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-10	3.71E-07	2.59E-08
605872	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-10	3.82E-07	2.70E-08
605892	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-10	3.93E-07	2.82E-08
605912	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-10	4.02E-07	2.94E-08
605932	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-10	4.12E-07	3.08E-08
605952	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-10	4.18E-07	3.21E-08
605972	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.72E-10	4.22E-07	3.33E-08
606692	4122340	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-09	4.52E-08	7.17E-09
606712	4122340	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-09	4.28E-08	6.63E-09
606732	4122340	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-09	4.07E-08	6.15E-09
606752	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-09	3.87E-08	5.75E-09
606772	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-09	3.69E-08	5.38E-09
606792	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	3.53E-08	5.05E-09
606812	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-09	3.38E-08	4.75E-09
606832	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-09	3.24E-08	4.49E-09
606852	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-09	3.11E-08	4.24E-09
606872	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-09	2.98E-08	4.01E-09
606892	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	2.87E-08	3.81E-09
606912	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	2.77E-08	3.62E-09
605632	4122360	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-10	2.11E-07	1.42E-08
605652	4122360	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-10	2.23E-07	1.50E-08
605672	4122360	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-10	2.36E-07	1.59E-08
605692	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-10	2.49E-07	1.69E-08
605712	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-10	2.62E-07	1.78E-08
605732	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-10	2.75E-07	1.88E-08
605752	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-10	2.88E-07	1.97E-08
605772	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-10	3.00E-07	2.07E-08
605792	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-10	3.13E-07	2.18E-08
605812	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-10	3.25E-07	2.28E-08
605832	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-10	3.37E-07	2.39E-08
605852	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-10	3.48E-07	2.51E-08
605872	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-10	3.57E-07	2.61E-08
605892	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-10	3.65E-07	2.72E-08
605912	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.57E-10	3.71E-07	2.83E-08
605952	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.72E-10	3.83E-07	3.08E-08
606632	4122360	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-08	5.17E-08	8.66E-09
606652	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	4.86E-08	7.88E-09
606672	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	4.59E-08	7.23E-09
606692	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-09	4.35E-08	6.68E-09
606712	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-09	4.13E-08	6.21E-09
606732	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-09	3.92E-08	5.78E-09
606772	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-09	3.57E-08	5.07E-09
606792	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	3.41E-08	4.77E-09
606812	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-09	3.27E-08	4.50E-09
606832	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-09	3.13E-08	4.25E-09
606852	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	3.01E-08	4.03E-09
606872	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	2.89E-08	3.82E-09
606892	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	2.78E-08	3.63E-09
606912	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.68E-08	3.46E-09
605632	4122380	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-10	2.10E-07	1.43E-08
605652	4122380	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.01E-10	2.22E-07	1.51E-08
605672	4122380	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-10	2.33E-07	1.60E-08
605692	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-10	2.45E-07	1.68E-08
605712	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-10	2.56E-07	1.77E-08
605732	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-10	2.68E-07	1.86E-08
605752	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-10	2.78E-07	1.95E-08
605772	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-10	2.89E-07	2.04E-08
605792	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-10	2.99E-07	2.13E-08
605812	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-10	3.09E-07	2.23E-08
605832	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-10	3.18E-07	2.33E-08
605852	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-10	3.27E-07	2.43E-08
605872	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-10	3.33E-07	2.53E-08
605892	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-10	3.39E-07	2.63E-08
605912	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.09E-10	3.43E-07	2.72E-08
606572	4122380	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	5.99E-08	1.10E-08
606592	4122380	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	5.61E-08	9.87E-09
606612	4122380	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	5.27E-08	8.89E-09
606632	4122380	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	4.96E-08	8.07E-09
606652	4122380	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	4.68E-08	7.37E-09
606752	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-09	3.61E-08	5.10E-09
606772	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	3.44E-08	4.79E-09
606792	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	3.29E-08	4.51E-09
606812	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	3.16E-08	4.26E-09
606832	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	3.03E-08	4.04E-09
606852	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	2.91E-08	3.83E-09
606872	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	2.80E-08	3.64E-09
606892	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	2.70E-08	3.46E-09
605632	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.01E-10	2.08E-07	1.44E-08
605652	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-10	2.19E-07	1.51E-08
605672	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-10	2.29E-07	1.59E-08
605692	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-10	2.39E-07	1.67E-08
605712	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-10	2.49E-07	1.76E-08

605732	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-10	2.59E-07	1.84E-08
605752	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-10	2.67E-07	1.91E-08
605772	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-10	2.76E-07	2.00E-08
605792	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-10	2.85E-07	2.09E-08
605812	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-10	2.93E-07	2.18E-08
605832	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-10	3.00E-07	2.27E-08
605852	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-10	3.06E-07	2.36E-08
605872	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.56E-10	3.11E-07	2.44E-08
605892	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.08E-10	3.15E-07	2.54E-08
605912	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-10	3.18E-07	2.63E-08
605932	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.30E-10	3.21E-07	2.74E-08
606512	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	7.02E-08	1.46E-08
606532	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	6.55E-08	1.29E-08
606552	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	6.12E-08	1.14E-08
606572	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	5.73E-08	1.02E-08
606592	4122400	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	5.38E-08	9.19E-09
606692	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-09	4.05E-08	5.92E-09
606712	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-09	3.84E-08	5.51E-09
606732	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-09	3.66E-08	5.15E-09
606752	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	3.49E-08	4.83E-09
606772	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-09	3.33E-08	4.54E-09
606792	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-09	3.19E-08	4.28E-09
606812	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	3.06E-08	4.06E-09
606832	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	2.94E-08	3.84E-09
605632	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-10	2.06E-07	1.44E-08
605652	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-10	2.15E-07	1.51E-08
605672	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-10	2.24E-07	1.58E-08
605692	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-10	2.33E-07	1.66E-08
605712	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-10	2.42E-07	1.74E-08
605732	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-10	2.50E-07	1.81E-08
605752	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-10	2.57E-07	1.88E-08
605772	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-10	2.64E-07	1.96E-08
605792	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-10	2.71E-07	2.04E-08
605812	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-10	2.77E-07	2.12E-08
605832	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-10	2.83E-07	2.20E-08
605852	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.55E-10	2.87E-07	2.29E-08
605872	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-10	2.91E-07	2.37E-08
605892	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-10	2.94E-07	2.46E-08
605912	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-10	2.96E-07	2.55E-08
606452	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	8.29E-08	1.89E-08
606472	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	7.71E-08	1.69E-08
606492	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	7.18E-08	1.50E-08
606512	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	6.70E-08	1.33E-08
606532	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	6.27E-08	1.19E-08
606552	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	5.86E-08	1.06E-08
606632	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.96E-09	4.60E-08	7.13E-09
606652	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-09	4.34E-08	6.54E-09
606672	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-09	4.12E-08	6.05E-09
606692	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-09	3.91E-08	5.60E-09
606712	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-09	3.72E-08	5.22E-09
606732	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-09	3.54E-08	4.89E-09
606752	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-09	3.38E-08	4.59E-09
606772	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-09	3.23E-08	4.32E-09
606852	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	2.74E-08	3.49E-09
606872	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	2.64E-08	3.33E-09
606892	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.54E-08	3.18E-09
606912	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	2.46E-08	3.04E-09
605632	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-10	2.02E-07	1.44E-08
605652	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-10	2.10E-07	1.50E-08
605672	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-10	2.18E-07	1.57E-08
605692	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-10	2.25E-07	1.64E-08
605712	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-10	2.33E-07	1.71E-08
605732	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.65E-10	2.40E-07	1.78E-08
605752	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-10	2.46E-07	1.85E-08
605772	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-10	2.52E-07	1.92E-08
605792	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-10	2.57E-07	2.00E-08
605812	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-10	2.62E-07	2.07E-08
605832	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-10	2.67E-07	2.15E-08
605852	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-10	2.70E-07	2.23E-08
605872	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.58E-10	2.73E-07	2.30E-08
605892	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-10	2.74E-07	2.38E-08
606452	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	7.86E-08	1.69E-08
606472	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	7.33E-08	1.52E-08
606492	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	6.85E-08	1.36E-08
606552	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	5.63E-08	9.86E-09
606612	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-09	4.69E-08	7.35E-09
606632	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-09	4.43E-08	6.74E-09
606652	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-09	4.20E-08	6.20E-09
606672	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-09	3.98E-08	5.74E-09
606692	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-09	3.78E-08	5.33E-09
606712	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-09	3.60E-08	4.97E-09
606732	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	3.43E-08	4.65E-09
606812	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	2.88E-08	3.70E-09
606832	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.77E-08	3.52E-09
606852	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	2.67E-08	3.35E-09
606872	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	2.57E-08	3.19E-09
606892	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-09	2.48E-08	3.05E-09
606912	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	2.39E-08	2.92E-09
605632	4122460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-10	1.97E-07	1.43E-08
605652	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-10	2.04E-07	1.49E-08
605672	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-10	2.11E-07	1.55E-08
605692	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-10	2.18E-07	1.62E-08
605712	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-10	2.24E-07	1.68E-08
605732	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-10	2.30E-07	1.75E-08
605752	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-10	2.35E-07	1.82E-08
605772	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-10	2.40E-07	1.88E-08
605792	4122460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.06E-10	2.44E-07	1.95E-08
605812	4122460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-10	2.48E-07	2.02E-08
605832	4122460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.98E-10	2.51E-07	2.09E-08
606392	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.57E-09	9.19E-08	1.99E-08
606412	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	8.58E-08	1.84E-08
606432	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	8.01E-08	1.68E-08
606552	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.55E-09	5.40E-08	9.17E-09
606572	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-09	5.08E-08	8.33E-09
606592	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-09	4.79E-08	7.58E-09
606612	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-09	4.52E-08	6.94E-09
606632	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-09	4.28E-08	6.38E-09

606652	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-09	4.06E-08	5.90E-09
606672	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-09	3.86E-08	5.47E-09
606752	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-09	3.19E-08	4.19E-09
606772	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	3.05E-08	3.95E-09
606792	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	2.92E-08	3.74E-09
606812	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	2.80E-08	3.55E-09
606832	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	2.70E-08	3.37E-09
606852	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	2.59E-08	3.21E-09
606872	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	2.50E-08	3.07E-09
606892	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-09	2.41E-08	2.93E-09
606912	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	2.33E-08	2.81E-09
606332	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-09	1.06E-07	2.15E-08
606352	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-09	9.90E-08	2.03E-08
606372	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-09	9.28E-08	1.91E-08
606392	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-09	8.69E-08	1.78E-08
606412	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-09	8.14E-08	1.65E-08
606432	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.24E-09	7.62E-08	1.52E-08
606452	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.32E-09	7.13E-08	1.39E-08
606472	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-09	6.67E-08	1.26E-08
606512	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.74E-09	5.86E-08	1.04E-08
606532	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-09	5.51E-08	9.42E-09
606552	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-09	5.19E-08	8.57E-09
606572	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-09	4.89E-08	7.82E-09
606592	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-09	4.62E-08	7.16E-09
606612	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-09	4.37E-08	6.58E-09
606672	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	3.74E-08	5.22E-09
606692	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	3.55E-08	4.86E-09
606712	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-09	3.39E-08	4.55E-09
606732	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	3.23E-08	4.26E-09
606752	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-09	3.09E-08	4.01E-09
606772	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	2.96E-08	3.79E-09
606792	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	2.84E-08	3.59E-09
606812	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	2.73E-08	3.41E-09
606832	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.63E-08	3.24E-09
606852	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.53E-08	3.09E-09
606872	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	2.44E-08	2.96E-09
606892	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	2.35E-08	2.83E-09
606912	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.40E-10	2.27E-08	2.71E-09
606332	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-09	9.94E-08	1.93E-08
606372	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.45E-09	8.77E-08	1.72E-08
606392	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	8.24E-08	1.61E-08
606412	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.94E-09	7.73E-08	1.50E-08
606432	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-09	7.26E-08	1.38E-08
606472	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-09	6.37E-08	1.16E-08
606492	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.65E-09	5.99E-08	1.06E-08
606512	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-09	5.63E-08	9.65E-09
606532	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-09	5.31E-08	8.82E-09
606632	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-09	4.01E-08	5.78E-09
606652	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-09	3.81E-08	5.36E-09
606672	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-09	3.62E-08	4.98E-09
606692	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-09	3.45E-08	4.65E-09
606712	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-09	3.29E-08	4.36E-09
606732	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	3.15E-08	4.09E-09
606752	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	3.01E-08	3.86E-09
606772	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	2.88E-08	3.65E-09
606792	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	2.77E-08	3.46E-09
606812	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	2.66E-08	3.28E-09
606832	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-09	2.56E-08	3.13E-09
606852	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-09	2.47E-08	2.99E-09
606872	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	2.38E-08	2.85E-09
606892	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-10	2.29E-08	2.73E-09
606912	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-10	2.22E-08	2.62E-09
606272	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-09	1.12E-07	1.99E-08
606292	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-09	1.05E-07	1.91E-08
606392	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-09	7.82E-08	1.46E-08
606412	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-09	7.36E-08	1.36E-08
606432	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-09	6.92E-08	1.27E-08
606472	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.76E-09	6.11E-08	1.07E-08
606552	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.68E-09	4.82E-08	7.59E-09
606572	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-09	4.56E-08	6.98E-09
606592	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-09	4.32E-08	6.44E-09
606612	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.42E-09	4.09E-08	5.95E-09
606632	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-09	3.88E-08	5.51E-09
606652	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	3.69E-08	5.13E-09
606672	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-09	3.51E-08	4.77E-09
606692	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	3.35E-08	4.46E-09
606712	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	3.20E-08	4.19E-09
606732	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	3.06E-08	3.94E-09
606752	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	2.93E-08	3.72E-09
606772	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	2.81E-08	3.52E-09
606792	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	2.70E-08	3.34E-09
606812	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	2.60E-08	3.18E-09
606832	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	2.50E-08	3.02E-09
606852	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-09	2.41E-08	2.89E-09
606872	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.70E-10	2.32E-08	2.76E-09
606892	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-10	2.24E-08	2.64E-09
606272	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-09	1.05E-07	1.80E-08
606292	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-09	9.92E-08	1.73E-08
606312	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-09	9.39E-08	1.66E-08
606332	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-09	8.88E-08	1.58E-08
606352	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-09	8.37E-08	1.50E-08
606372	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-09	7.89E-08	1.42E-08
606392	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-09	7.44E-08	1.34E-08
606412	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-09	7.01E-08	1.25E-08
606432	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-09	6.61E-08	1.16E-08
606492	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-09	5.53E-08	9.18E-09
606512	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-09	5.21E-08	8.44E-09
606532	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-09	4.92E-08	7.77E-09
606552	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	4.65E-08	7.16E-09
606572	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-09	4.40E-08	6.61E-09
606592	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-09	4.17E-08	6.11E-09
606612	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-09	3.96E-08	5.66E-09
606632	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-09	3.77E-08	5.27E-09
606652	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	3.58E-08	4.91E-09
606672	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-09	3.41E-08	4.58E-09
606692	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	3.26E-08	4.29E-09
606712	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	3.11E-08	4.03E-09

606732	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	2.98E-08	3.80E-09
606752	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-09	2.86E-08	3.59E-09
606772	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	2.74E-08	3.40E-09
606792	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.63E-08	3.23E-09
606812	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.53E-08	3.07E-09
606832	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	2.44E-08	2.92E-09
606852	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.98E-10	2.35E-08	2.79E-09
606872	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.14E-10	2.27E-08	2.67E-09
606892	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-10	2.19E-08	2.56E-09
605632	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-10	1.68E-07	1.34E-08
605652	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-10	1.71E-07	1.39E-08
605672	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.43E-10	1.74E-07	1.43E-08
605692	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.80E-10	1.77E-07	1.47E-08
605712	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-10	1.79E-07	1.52E-08
605732	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-10	1.81E-07	1.56E-08
605752	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-10	1.82E-07	1.60E-08
605772	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-10	1.83E-07	1.65E-08
605792	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.12E-10	1.83E-07	1.69E-08
605812	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.71E-10	1.84E-07	1.73E-08
605832	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.83E-07	1.77E-08
605852	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.82E-07	1.81E-08
606292	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-09	9.37E-08	1.58E-08
606312	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-09	8.88E-08	1.52E-08
606332	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.26E-09	8.41E-08	1.45E-08
606352	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-09	7.95E-08	1.38E-08
606492	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-09	5.31E-08	8.57E-09
606512	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-09	5.02E-08	7.92E-09
606532	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-09	4.75E-08	7.32E-09
606552	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-09	4.49E-08	6.77E-09
606572	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-09	4.26E-08	6.26E-09
606592	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-09	4.04E-08	5.81E-09
606612	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-09	3.84E-08	5.40E-09
606632	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	3.65E-08	5.04E-09
606652	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	3.48E-08	4.71E-09
606672	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-09	3.32E-08	4.41E-09
606692	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	3.17E-08	4.13E-09
606712	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	3.03E-08	3.89E-09
606732	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	2.90E-08	3.67E-09
606752	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	2.79E-08	3.47E-09
606772	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	2.67E-08	3.29E-09
606792	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	2.57E-08	3.12E-09
606812	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	2.47E-08	2.97E-09
606832	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	2.38E-08	2.84E-09
606852	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.42E-10	2.30E-08	2.71E-09
606872	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-10	2.22E-08	2.59E-09
605632	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.05E-10	1.62E-07	1.32E-08
605652	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.37E-10	1.64E-07	1.36E-08
605672	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-10	1.67E-07	1.40E-08
605692	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-10	1.69E-07	1.44E-08
605712	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.51E-10	1.70E-07	1.48E-08
605732	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-10	1.72E-07	1.52E-08
605752	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.44E-10	1.73E-07	1.56E-08
605772	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-10	1.73E-07	1.60E-08
605792	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.53E-10	1.73E-07	1.63E-08
605812	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.73E-07	1.67E-08
605832	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.72E-07	1.70E-08
605852	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.71E-07	1.74E-08
605872	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-09	1.70E-07	1.77E-08
605892	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	1.68E-07	1.80E-08
605912	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	1.66E-07	1.82E-08
605932	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	1.64E-07	1.85E-08
606252	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-09	9.79E-08	1.57E-08
606272	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.41E-09	9.32E-08	1.51E-08
606292	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-09	8.86E-08	1.45E-08
606312	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-09	8.41E-08	1.39E-08
606472	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-09	5.40E-08	8.66E-09
606492	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-09	5.11E-08	8.04E-09
606512	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	4.83E-08	7.45E-09
606532	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-09	4.58E-08	6.92E-09
606552	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	4.34E-08	6.41E-09
606572	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-09	4.12E-08	5.95E-09
606592	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-09	3.91E-08	5.54E-09
606612	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-09	3.72E-08	5.17E-09
606632	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	3.55E-08	4.83E-09
606652	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-09	3.38E-08	4.52E-09
606672	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	3.23E-08	4.24E-09
606692	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	3.09E-08	3.98E-09
606712	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	2.95E-08	3.75E-09
606732	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	2.83E-08	3.55E-09
606752	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	2.72E-08	3.36E-09
606772	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	2.61E-08	3.19E-09
606792	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	2.51E-08	3.03E-09
606812	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	2.42E-08	2.88E-09
606832	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-10	2.33E-08	2.75E-09
606852	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-10	2.25E-08	2.63E-09
606992	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-10	1.79E-08	2.00E-09
607012	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-10	1.74E-08	1.93E-09
607032	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-10	1.69E-08	1.87E-09
607052	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-10	1.65E-08	1.81E-09
605932	4122600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-09	1.53E-07	1.75E-08
606252	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-09	9.25E-08	1.44E-08
606272	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-09	8.81E-08	1.39E-08
606292	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-09	8.39E-08	1.34E-08
606312	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-09	7.98E-08	1.28E-08
606412	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-09	6.13E-08	9.90E-09
606432	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	5.80E-08	9.30E-09
606452	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-09	5.49E-08	8.70E-09
606472	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-09	5.20E-08	8.12E-09
606492	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-09	4.92E-08	7.56E-09
606512	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-09	4.67E-08	7.04E-09
606532	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	4.43E-08	6.55E-09
606552	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-09	4.20E-08	6.10E-09
606572	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-09	3.99E-08	5.68E-09
606592	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	3.80E-08	5.30E-09
606612	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-09	3.62E-08	4.95E-09
606632	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	3.45E-08	4.63E-09
606652	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	3.29E-08	4.35E-09

606672	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	3.14E-08	4.08E-09
606692	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	3.01E-08	3.84E-09
606712	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	2.88E-08	3.63E-09
606992	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-10	1.76E-08	1.95E-09
607012	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-10	1.71E-08	1.88E-09
607032	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-10	1.66E-08	1.82E-09
607052	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-10	1.62E-08	1.77E-09
605632	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.58E-10	1.49E-07	1.27E-08
605652	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-10	1.51E-07	1.30E-08
605672	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.32E-10	1.52E-07	1.34E-08
605692	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.73E-10	1.54E-07	1.37E-08
605712	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.18E-10	1.54E-07	1.40E-08
605752	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-10	1.55E-07	1.47E-08
605772	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.73E-10	1.55E-07	1.49E-08
605792	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.55E-07	1.52E-08
605812	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.54E-07	1.55E-08
605832	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	1.53E-07	1.57E-08
605852	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.52E-07	1.60E-08
605872	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	1.50E-07	1.62E-08
605892	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	1.48E-07	1.63E-08
605932	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	1.44E-07	1.66E-08
606232	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-09	9.15E-08	1.38E-08
606252	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-09	8.75E-08	1.33E-08
606272	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-09	8.35E-08	1.28E-08
606292	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-09	7.97E-08	1.24E-08
606312	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-09	7.59E-08	1.19E-08
606352	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-09	6.86E-08	1.08E-08
606372	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-09	6.52E-08	1.03E-08
606412	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-09	5.87E-08	9.24E-09
606432	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-09	5.57E-08	8.70E-09
606452	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-09	5.29E-08	8.17E-09
606472	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	5.01E-08	7.65E-09
606492	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-09	4.75E-08	7.13E-09
606512	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-09	4.50E-08	6.65E-09
606532	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-09	4.28E-08	6.21E-09
606552	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	4.07E-08	5.80E-09
606572	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	3.87E-08	5.42E-09
606592	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-09	3.68E-08	5.07E-09
606612	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	3.51E-08	4.75E-09
606632	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-09	3.35E-08	4.45E-09
606652	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	3.20E-08	4.18E-09
606672	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	3.06E-08	3.93E-09
606692	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	2.94E-08	3.72E-09
606992	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-10	1.73E-08	1.90E-09
607012	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-10	1.68E-08	1.84E-09
607032	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-10	1.63E-08	1.78E-09
607052	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-10	1.59E-08	1.73E-09
605632	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.84E-10	1.43E-07	1.24E-08
605652	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.21E-10	1.45E-07	1.27E-08
605672	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-10	1.46E-07	1.30E-08
605692	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-10	1.47E-07	1.33E-08
605712	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.50E-10	1.47E-07	1.36E-08
605752	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.52E-10	1.47E-07	1.42E-08
605772	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-09	1.47E-07	1.44E-08
605792	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.46E-07	1.47E-08
605812	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	1.45E-07	1.49E-08
605832	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	1.44E-07	1.51E-08
605852	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	1.43E-07	1.53E-08
605872	4122640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	1.41E-07	1.54E-08
605892	4122640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.39E-07	1.56E-08
605932	4122640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	1.35E-07	1.58E-08
606232	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-09	8.66E-08	1.28E-08
606252	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-09	8.30E-08	1.24E-08
606272	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-09	7.93E-08	1.19E-08
606292	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-09	7.58E-08	1.15E-08
606312	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-09	7.23E-08	1.10E-08
606352	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-09	6.56E-08	1.01E-08
606412	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-09	5.64E-08	8.64E-09
606432	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-09	5.36E-08	8.16E-09
606452	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-09	5.09E-08	7.68E-09
606472	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	4.83E-08	7.21E-09
606492	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-09	4.59E-08	6.75E-09
606512	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-09	4.36E-08	6.31E-09
606532	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	4.14E-08	5.90E-09
606552	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	3.94E-08	5.53E-09
606572	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-09	3.75E-08	5.17E-09
606592	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-09	3.58E-08	4.85E-09
606612	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	3.41E-08	4.55E-09
606632	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	3.26E-08	4.28E-09
606652	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	3.12E-08	4.03E-09
606672	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-09	2.99E-08	3.81E-09
606732	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	2.64E-08	3.23E-09
606752	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-09	2.54E-08	3.07E-09
606772	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	2.44E-08	2.92E-09
606852	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.68E-10	2.12E-08	2.43E-09
606872	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-10	2.05E-08	2.33E-09
606992	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-10	1.70E-08	1.86E-09
607012	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-10	1.65E-08	1.80E-09
607032	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-10	1.60E-08	1.74E-09
607052	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-10	1.56E-08	1.69E-09
605632	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-10	1.38E-07	1.22E-08
605652	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.49E-10	1.39E-07	1.24E-08
605672	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-10	1.39E-07	1.27E-08
605692	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.33E-10	1.40E-07	1.30E-08
605712	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.80E-10	1.40E-07	1.32E-08
605752	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-10	1.40E-07	1.37E-08
605772	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.39E-07	1.39E-08
605792	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.39E-07	1.41E-08
605812	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	1.38E-07	1.43E-08
605832	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.36E-07	1.44E-08
605852	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	1.35E-07	1.46E-08
605872	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	1.33E-07	1.47E-08
605892	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	1.31E-07	1.48E-08
605932	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	1.27E-07	1.49E-08
606252	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	7.88E-08	1.15E-08
606272	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	7.54E-08	1.11E-08
606292	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	7.22E-08	1.07E-08

606312	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-09	6.89E-08	1.03E-08
606352	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	6.27E-08	9.43E-09
606412	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-09	5.41E-08	8.11E-09
606432	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-09	5.15E-08	7.67E-09
606452	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	4.90E-08	7.23E-09
606472	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-09	4.66E-08	6.81E-09
606492	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-09	4.43E-08	6.40E-09
606512	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-09	4.21E-08	5.99E-09
606532	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-09	4.01E-08	5.62E-09
606552	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-09	3.82E-08	5.27E-09
606572	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	3.64E-08	4.96E-09
606592	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-09	3.48E-08	4.65E-09
606612	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	3.32E-08	4.38E-09
606632	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	3.17E-08	4.12E-09
606652	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-09	3.04E-08	3.89E-09
606672	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.91E-08	3.68E-09
606712	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	2.68E-08	3.30E-09
606732	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	2.58E-08	3.13E-09
606752	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	2.48E-08	2.98E-09
606772	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	2.39E-08	2.83E-09
606792	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.33E-10	2.30E-08	2.70E-09
606832	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-10	2.15E-08	2.47E-09
606852	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.32E-10	2.07E-08	2.37E-09
606872	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.78E-10	2.01E-08	2.27E-09
606892	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-10	1.94E-08	2.19E-09
606992	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-10	1.67E-08	1.82E-09
607012	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-10	1.62E-08	1.76E-09
607032	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-10	1.58E-08	1.70E-09
605632	4122680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.36E-10	1.32E-07	1.19E-08
605652	4122680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-10	1.33E-07	1.21E-08
605672	4122680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-10	1.33E-07	1.24E-08
605852	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	1.28E-07	1.39E-08
605872	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	1.26E-07	1.40E-08
605892	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	1.24E-07	1.41E-08
605932	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	1.20E-07	1.42E-08
605952	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	1.18E-07	1.41E-08
605972	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	1.15E-07	1.41E-08
606252	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-09	7.50E-08	1.07E-08
606272	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	7.19E-08	1.04E-08
606312	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	6.58E-08	9.61E-09
606352	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-09	6.00E-08	8.84E-09
606372	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	5.73E-08	8.44E-09
606392	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	5.46E-08	8.04E-09
606412	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-09	5.20E-08	7.63E-09
606432	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	4.96E-08	7.23E-09
606452	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-09	4.72E-08	6.83E-09
606472	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	4.50E-08	6.45E-09
606492	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-09	4.29E-08	6.07E-09
606512	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-09	4.08E-08	5.70E-09
606532	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-09	3.89E-08	5.36E-09
606552	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	3.71E-08	5.04E-09
606572	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-09	3.54E-08	4.75E-09
606592	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	3.38E-08	4.47E-09
606612	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-09	3.23E-08	4.21E-09
606632	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-09	3.09E-08	3.97E-09
606652	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	2.96E-08	3.75E-09
606732	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-09	2.52E-08	3.04E-09
606752	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	2.43E-08	2.89E-09
606772	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.59E-10	2.34E-08	2.76E-09
606792	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.84E-10	2.25E-08	2.63E-09
606812	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-10	2.18E-08	2.52E-09
606832	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.53E-10	2.10E-08	2.41E-09
606852	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.98E-10	2.03E-08	2.31E-09
606872	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.48E-10	1.97E-08	2.22E-09
606892	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.04E-10	1.91E-08	2.14E-09
606992	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-10	1.64E-08	1.78E-09
607012	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-10	1.60E-08	1.73E-09
607032	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-10	1.55E-08	1.67E-09
605632	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-10	1.26E-07	1.16E-08
605652	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-10	1.27E-07	1.18E-08
605672	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.44E-10	1.27E-07	1.20E-08
605692	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.89E-10	1.27E-07	1.22E-08
605712	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-10	1.27E-07	1.24E-08
605752	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	1.26E-07	1.27E-08
605772	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.26E-07	1.29E-08
605792	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.25E-07	1.30E-08
605812	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.23E-07	1.31E-08
605852	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	1.21E-07	1.33E-08
605872	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	1.19E-07	1.34E-08
605892	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	1.17E-07	1.34E-08
605932	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	1.13E-07	1.34E-08
605952	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	1.11E-07	1.34E-08
605972	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	1.09E-07	1.33E-08
605992	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	1.07E-07	1.32E-08
606012	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-09	1.04E-07	1.31E-08
606032	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	1.02E-07	1.30E-08
606112	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-09	9.14E-08	1.22E-08
606132	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-09	8.86E-08	1.19E-08
606412	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	5.01E-08	7.20E-09
606432	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-09	4.78E-08	6.83E-09
606452	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	4.56E-08	6.47E-09
606472	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-09	4.35E-08	6.12E-09
606492	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-09	4.14E-08	5.77E-09
606512	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	3.95E-08	5.44E-09
606532	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	3.77E-08	5.13E-09
606552	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	3.60E-08	4.83E-09
606572	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-09	3.44E-08	4.56E-09
606592	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	3.29E-08	4.30E-09
606612	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	3.14E-08	4.05E-09
606632	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	3.01E-08	3.83E-09
606652	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	2.89E-08	3.62E-09
606732	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	2.46E-08	2.95E-09
606752	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-10	2.37E-08	2.81E-09
606772	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.07E-10	2.29E-08	2.68E-09
606792	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.38E-10	2.21E-08	2.56E-09
606812	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-10	2.13E-08	2.45E-09
606832	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.18E-10	2.06E-08	2.35E-09

606852	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-10	1.99E-08	2.26E-09
606872	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-10	1.93E-08	2.17E-09
605632	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.85E-10	1.21E-07	1.13E-08
605652	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.25E-10	1.21E-07	1.15E-08
605672	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.68E-10	1.22E-07	1.16E-08
605692	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.13E-10	1.21E-07	1.18E-08
605712	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.61E-10	1.21E-07	1.20E-08
605752	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.06E-09	1.20E-07	1.23E-08
605812	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.17E-07	1.26E-08
605872	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.44E-09	1.13E-07	1.27E-08
605892	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.52E-09	1.11E-07	1.27E-08
605952	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.75E-09	1.05E-07	1.27E-08
605972	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.83E-09	1.03E-07	1.26E-08
605992	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.90E-09	1.01E-07	1.25E-08
606112	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.35E-09	8.67E-08	1.14E-08
606132	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.40E-09	8.41E-08	1.11E-08
606152	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.46E-09	8.15E-08	1.09E-08
606172	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.51E-09	7.88E-08	1.06E-08
606192	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.55E-09	7.62E-08	1.03E-08
606212	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.58E-09	7.36E-08	1.00E-08
606232	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.60E-09	7.09E-08	9.73E-09
606252	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.61E-09	6.82E-08	9.42E-09
606272	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.61E-09	6.55E-08	9.11E-09
606292	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.60E-09	6.29E-08	8.80E-09
606312	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.58E-09	6.03E-08	8.48E-09
606352	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.51E-09	5.53E-08	7.82E-09
606372	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.47E-09	5.29E-08	7.49E-09
606412	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.35E-09	4.83E-08	6.80E-09
606432	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.29E-09	4.61E-08	6.47E-09
606452	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.22E-09	4.40E-08	6.14E-09
606472	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.16E-09	4.20E-08	5.82E-09
606492	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.09E-09	4.01E-08	5.50E-09
606512	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	3.83E-08	5.20E-09
606532	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	3.66E-08	4.91E-09
606552	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-09	3.50E-08	4.64E-09
606572	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	3.34E-08	4.38E-09
606592	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	3.20E-08	4.14E-09
606612	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-09	3.06E-08	3.91E-09
606632	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	2.94E-08	3.70E-09
606652	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-09	2.82E-08	3.51E-09
606732	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-09	2.41E-08	2.87E-09
606752	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-10	2.32E-08	2.73E-09
606772	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-10	2.24E-08	2.61E-09
606792	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.95E-10	2.16E-08	2.50E-09
606812	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-10	2.09E-08	2.39E-09
606832	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-10	2.02E-08	2.29E-09
606852	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.38E-10	1.96E-08	2.20E-09
607032	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-10	1.51E-08	1.61E-09
605632	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.06E-10	1.16E-07	1.09E-08
605652	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.47E-10	1.16E-07	1.11E-08
605672	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.90E-10	1.16E-07	1.13E-08
605692	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.35E-10	1.16E-07	1.14E-08
605712	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.83E-10	1.16E-07	1.16E-08
605752	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.08E-09	1.14E-07	1.18E-08
605812	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.26E-09	1.11E-07	1.20E-08
605872	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.07E-07	1.21E-08
605892	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.52E-09	1.05E-07	1.21E-08
605952	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.72E-09	9.98E-08	1.20E-08
605972	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.80E-09	9.77E-08	1.19E-08
605992	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.87E-09	9.58E-08	1.18E-08
606112	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.24E-09	8.24E-08	1.07E-08
606132	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.29E-09	7.99E-08	1.05E-08
606152	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.33E-09	7.75E-08	1.02E-08
606172	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.37E-09	7.51E-08	9.95E-09
606192	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.40E-09	7.26E-08	9.69E-09
606212	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.42E-09	7.01E-08	9.42E-09
606232	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.43E-09	6.76E-08	9.15E-09
606252	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.43E-09	6.51E-08	8.86E-09
606272	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.42E-09	6.27E-08	8.58E-09
606292	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.41E-09	6.02E-08	8.29E-09
606312	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.38E-09	5.78E-08	7.99E-09
606352	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.31E-09	5.31E-08	7.38E-09
606392	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.22E-09	4.87E-08	6.77E-09
606412	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.16E-09	4.66E-08	6.45E-09
606432	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.10E-09	4.45E-08	6.14E-09
606452	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.04E-09	4.26E-08	5.84E-09
606472	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.98E-09	4.07E-08	5.54E-09
606492	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.92E-09	3.89E-08	5.25E-09
606512	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	3.71E-08	4.97E-09
606532	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	3.55E-08	4.70E-09
606552	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	3.40E-08	4.45E-09
606572	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	3.25E-08	4.21E-09
606592	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	3.12E-08	3.99E-09
606612	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	2.99E-08	3.77E-09
606632	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	2.86E-08	3.58E-09
606732	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.46E-10	2.36E-08	2.79E-09
606752	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.77E-10	2.27E-08	2.66E-09
606772	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-10	2.19E-08	2.54E-09
606792	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.56E-10	2.12E-08	2.43E-09
606812	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.03E-10	2.05E-08	2.33E-09
606832	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.55E-10	1.98E-08	2.24E-09
606952	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-10	1.65E-08	1.80E-09
606972	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-10	1.61E-08	1.74E-09
606992	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-10	1.56E-08	1.68E-09
607012	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-10	1.52E-08	1.63E-09
607032	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-10	1.48E-08	1.58E-09
607052	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-10	1.44E-08	1.53E-09
605632	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.27E-10	1.11E-07	1.06E-08
605652	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.67E-10	1.11E-07	1.08E-08
605672	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.09E-10	1.11E-07	1.09E-08
605692	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.54E-10	1.11E-07	1.10E-08
605712	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.00E-09	1.10E-07	1.12E-08
605752	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.10E-09	1.09E-07	1.13E-08
605772	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.15E-09	1.08E-07	1.14E-08
605812	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.06E-07	1.15E-08
605832	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.32E-09	1.04E-07	1.15E-08
605872	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.01E-07	1.15E-08

605892	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	9.98E-08	1.15E-08
605912	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	9.82E-08	1.15E-08
605952	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	9.47E-08	1.14E-08
605972	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	9.28E-08	1.13E-08
605992	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	9.09E-08	1.11E-08
606112	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	7.84E-08	1.01E-08
606132	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	7.61E-08	9.84E-09
606152	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-09	7.38E-08	9.61E-09
606172	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	7.16E-08	9.37E-09
606192	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	6.93E-08	9.12E-09
606212	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	6.69E-08	8.87E-09
606232	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-09	6.46E-08	8.62E-09
606252	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	6.23E-08	8.35E-09
606272	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	6.00E-08	8.09E-09
606292	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	5.77E-08	7.82E-09
606312	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	5.55E-08	7.55E-09
606352	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	5.11E-08	6.99E-09
606392	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	4.70E-08	6.42E-09
606412	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	4.49E-08	6.13E-09
606432	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	4.30E-08	5.84E-09
606452	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	4.12E-08	5.56E-09
606472	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	3.94E-08	5.29E-09
606492	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	3.77E-08	5.02E-09
606512	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	3.61E-08	4.76E-09
606532	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	3.45E-08	4.51E-09
606552	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	3.30E-08	4.28E-09
606572	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	3.17E-08	4.05E-09
606592	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	3.04E-08	3.85E-09
606612	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	2.91E-08	3.65E-09
606732	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-10	2.31E-08	2.71E-09
606752	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.32E-10	2.23E-08	2.59E-09
606772	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-10	2.15E-08	2.48E-09
606792	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-10	2.08E-08	2.38E-09
606812	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-10	2.01E-08	2.28E-09
606952	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-10	1.63E-08	1.76E-09
606972	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-10	1.58E-08	1.70E-09
606992	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-10	1.54E-08	1.65E-09
607012	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-10	1.50E-08	1.60E-09
607032	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-10	1.46E-08	1.55E-09
607052	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-10	1.42E-08	1.50E-09
605632	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.46E-10	1.07E-07	1.03E-08
605652	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.85E-10	1.07E-07	1.04E-08
605672	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-10	1.06E-07	1.06E-08
605692	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.71E-10	1.06E-07	1.07E-08
605712	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-09	1.05E-07	1.08E-08
605752	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-09	1.04E-07	1.09E-08
605772	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-09	1.03E-07	1.10E-08
605792	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.02E-07	1.10E-08
605812	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.01E-07	1.10E-08
605872	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	9.65E-08	1.10E-08
605892	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	9.49E-08	1.10E-08
605912	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	9.34E-08	1.09E-08
605952	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	9.01E-08	1.08E-08
605992	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	8.65E-08	1.05E-08
606112	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	7.47E-08	9.50E-09
606132	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	7.26E-08	9.28E-09
606152	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-09	7.05E-08	9.07E-09
606172	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	6.83E-08	8.84E-09
606192	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-09	6.62E-08	8.61E-09
606212	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-09	6.40E-08	8.38E-09
606232	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-09	6.18E-08	8.14E-09
606252	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	5.97E-08	7.89E-09
606272	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-09	5.75E-08	7.65E-09
606292	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-09	5.54E-08	7.40E-09
606312	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	5.33E-08	7.14E-09
606352	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	4.92E-08	6.62E-09
606372	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	4.73E-08	6.36E-09
606392	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	4.53E-08	6.10E-09
606412	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-09	4.34E-08	5.83E-09
606432	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	4.16E-08	5.57E-09
606452	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	3.99E-08	5.31E-09
606472	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	3.82E-08	5.05E-09
606492	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	3.66E-08	4.81E-09
606512	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	3.50E-08	4.57E-09
606532	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	3.36E-08	4.34E-09
606552	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	3.22E-08	4.12E-09
606572	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	3.08E-08	3.91E-09
606592	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	2.96E-08	3.71E-09
606852	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-10	1.85E-08	2.06E-09
606872	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-10	1.79E-08	1.98E-09
606892	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-10	1.74E-08	1.91E-09
606912	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-10	1.69E-08	1.85E-09
606932	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-10	1.64E-08	1.78E-09
606952	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-10	1.60E-08	1.73E-09
606972	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-10	1.56E-08	1.67E-09
606992	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-10	1.51E-08	1.62E-09
607012	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-10	1.47E-08	1.57E-09
607032	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-10	1.44E-08	1.52E-09
607052	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-10	1.40E-08	1.48E-09
605632	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-10	1.02E-07	1.00E-08
605652	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-10	1.02E-07	1.01E-08
605672	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-10	1.02E-07	1.02E-08
605692	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-10	1.01E-07	1.03E-08
605712	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-09	1.01E-07	1.04E-08
605732	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-09	1.00E-07	1.04E-08
605772	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-09	9.81E-08	1.05E-08
605872	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	9.19E-08	1.05E-08
605892	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	9.04E-08	1.04E-08
605912	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	8.89E-08	1.04E-08
605952	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	8.58E-08	1.02E-08
605992	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	8.24E-08	9.99E-09
606032	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	7.89E-08	9.71E-09
606112	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	7.13E-08	8.98E-09
606352	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	4.75E-08	6.29E-09
606372	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	4.56E-08	6.05E-09
606392	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	4.38E-08	5.80E-09
606412	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	4.20E-08	5.56E-09

606432	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	4.03E-08	5.31E-09
606452	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-09	3.86E-08	5.07E-09
606472	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	3.70E-08	4.84E-09
606492	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	3.55E-08	4.61E-09
606512	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	3.40E-08	4.38E-09
606532	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	3.27E-08	4.17E-09
606552	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	3.13E-08	3.97E-09
606572	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	3.01E-08	3.77E-09
606672	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-10	2.46E-08	2.94E-09
606692	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-10	2.37E-08	2.81E-09
606712	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-10	2.29E-08	2.68E-09
606732	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-10	2.21E-08	2.57E-09
606752	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.49E-10	2.13E-08	2.46E-09
606852	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-10	1.82E-08	2.01E-09
606872	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-10	1.76E-08	1.94E-09
606892	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-10	1.71E-08	1.87E-09
606912	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-10	1.66E-08	1.81E-09
606932	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-10	1.62E-08	1.75E-09
606952	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-10	1.57E-08	1.69E-09
606972	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-10	1.53E-08	1.64E-09
606992	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-10	1.49E-08	1.59E-09
607012	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-10	1.45E-08	1.54E-09
607032	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-10	1.42E-08	1.50E-09
607052	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-10	1.38E-08	1.45E-09
605632	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.75E-10	9.82E-08	9.69E-09
605652	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-10	9.79E-08	9.78E-09
605672	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.52E-10	9.75E-08	9.86E-09
605692	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.93E-10	9.70E-08	9.93E-09
605712	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	9.63E-08	9.98E-09
605732	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-09	9.55E-08	1.00E-08
605832	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	9.03E-08	1.01E-08
605852	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	8.89E-08	1.00E-08
605872	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-09	8.76E-08	1.00E-08
605892	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	8.62E-08	9.95E-09
605912	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	8.48E-08	9.88E-09
605952	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	8.18E-08	9.71E-09
606672	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-10	2.41E-08	2.86E-09
606692	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-10	2.32E-08	2.73E-09
606712	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.10E-10	2.24E-08	2.61E-09
606732	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.60E-10	2.16E-08	2.50E-09
606752	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-10	2.09E-08	2.40E-09
606852	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-10	1.78E-08	1.97E-09
606872	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-10	1.73E-08	1.90E-09
606892	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-10	1.68E-08	1.83E-09
606912	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-10	1.64E-08	1.77E-09
606932	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-10	1.59E-08	1.72E-09
606952	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-10	1.55E-08	1.66E-09
606972	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-10	1.51E-08	1.61E-09
606992	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-10	1.47E-08	1.56E-09
607012	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-10	1.43E-08	1.51E-09
607032	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-10	1.40E-08	1.47E-09
607052	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-10	1.36E-08	1.43E-09
605632	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-10	9.43E-08	9.38E-09
605652	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.23E-10	9.39E-08	9.45E-09
605672	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.60E-10	9.34E-08	9.52E-09
605692	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-10	9.28E-08	9.57E-09
605712	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-09	9.22E-08	9.61E-09
605792	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	8.85E-08	9.67E-09
605812	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-09	8.73E-08	9.66E-09
605832	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	8.61E-08	9.63E-09
605852	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	8.49E-08	9.59E-09
605872	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	8.36E-08	9.54E-09
605892	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	8.23E-08	9.48E-09
605912	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-09	8.09E-08	9.41E-09
606092	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	6.69E-08	8.24E-09
606112	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	6.53E-08	8.07E-09
606192	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	5.83E-08	7.33E-09
606212	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-09	5.65E-08	7.14E-09
606252	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	5.29E-08	6.74E-09
606272	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	5.11E-08	6.54E-09
606292	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	4.94E-08	6.34E-09
606312	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	4.76E-08	6.13E-09
606332	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	4.59E-08	5.92E-09
606352	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	4.42E-08	5.71E-09
606372	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	4.26E-08	5.50E-09
606392	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	4.10E-08	5.29E-09
606412	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	3.94E-08	5.07E-09
606432	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-09	3.78E-08	4.86E-09
606452	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-09	3.64E-08	4.66E-09
606672	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-10	2.36E-08	2.78E-09
606692	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-10	2.27E-08	2.66E-09
606712	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-10	2.19E-08	2.54E-09
606732	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-10	2.12E-08	2.44E-09
606752	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.80E-10	2.05E-08	2.34E-09
606852	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-10	1.75E-08	1.93E-09
606872	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-10	1.70E-08	1.86E-09
606892	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-10	1.66E-08	1.80E-09
606912	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-10	1.61E-08	1.74E-09
606932	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-10	1.57E-08	1.68E-09
606952	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-10	1.52E-08	1.63E-09
606972	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-10	1.48E-08	1.58E-09
606992	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-10	1.45E-08	1.53E-09
607012	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-10	1.41E-08	1.49E-09
607032	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-10	1.37E-08	1.44E-09
607052	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-10	1.34E-08	1.40E-09
606158	4121900	0.000	0.000	0.011	0.010	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-10	2.88E-06	1.58E-07
606169	4121883	0.000	0.000	0.009	0.008	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-10	2.41E-06	1.32E-07
606132	4121801	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-10	2.77E-07	1.49E-08
606385	4122113	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	4.44E-07	2.41E-08
606405	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	3.79E-07	2.06E-08
606425	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-09	3.26E-07	1.77E-08
606445	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	2.92E-07	1.59E-08
606465	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	2.56E-07	1.39E-08
606385	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	3.77E-07	2.05E-08
606405	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-09	3.30E-07	1.79E-08
606425	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-09	2.88E-07	1.57E-08
606445	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-09	2.59E-07	1.40E-08

606465	4122133	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-09	2.28E-07	1.24E-08
606385	4122153	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	3.33E-07	1.81E-08
606405	4122153	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	3.00E-07	1.63E-08
606425	4122153	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-09	2.63E-07	1.43E-08
606445	4122153	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	2.32E-07	1.26E-08
606465	4122153	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	2.05E-07	1.11E-08
606385	4122173	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-09	3.08E-07	1.67E-08
606405	4122173	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-09	2.70E-07	1.47E-08
606425	4122173	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	2.38E-07	1.29E-08
606445	4122173	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-09	2.12E-07	1.15E-08
606465	4122173	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	1.87E-07	1.02E-08
606385	4122193	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-09	2.74E-07	1.49E-08
606405	4122193	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	2.44E-07	1.32E-08
606425	4122193	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	2.16E-07	1.17E-08
606445	4122193	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-09	1.93E-07	1.05E-08
606465	4122193	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-09	1.72E-07	9.30E-09

Kaiser San José
Construction Health Risk Calculations - Worker Unmitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

					Start Date	10/1/2024	Days		DPM		$PM_{2.5}$	
					Stop Date	7/16/2028			Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Source	AERMOD Source	Year	Start Date	End Date	Calendar Days	Age 16<70	Exposure Duration	Workdays	Uncontrolled	Uncontrolled	Uncontrolled	Uncontrolled
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	91	91	91	66	0.01	0.00	0.01	0.00
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	91	91	91	66	0.00	0.00	0.00	0.00
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	331	331	331	238	0.07	0.007	0.06	0.006
	PAREA1	2026	1/1/2026	12/31/2026	364	364	364	261	0.06	0.006	0.06	0.005
	PAREA1	2027	1/1/2027	12/31/2027	364	364	364	261	0.04	0.004	0.04	0.003
	PAREA1	2028	1/1/2028	3/15/2028	74	74	74	53	0.01	0.003	0.00	0.002
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	331	331	331	238	0.00	0.000	0.05	0.005
	PAREA2	2026	1/1/2026	12/31/2026	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2027	1/1/2027	12/31/2027	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2028	1/1/2028	3/15/2028	74	74	74	53	0.00	0.000	0.00	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	123	123	123	88	0.05	0.014	0.05	0.013
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	123	123	123	88	0.00	0.000	0.02	0.006
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	91	91	91	66	0.00	0.000	0.00	0.000
	SLINE1	2025	2/3/2025	12/31/2025	331	331	331	238	0.00	0.000	0.00	0.000
	SLINE1	2026	1/1/2026	12/31/2026	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2027	1/1/2027	12/31/2027	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2028	1/1/2028	3/15/2028	74	74	74	53	0.00	0.000	0.00	0.000

Cancer Risk Factors

	Abbreviation	UOM	16<70	
8HR Breathing Rate (95th percentile)	8HR-BR	L/kg-day	230	95th percentile
Worker Adjustment Factor	WAF	unitless	4.20	Worst case
Exposure Frequency	EF	days/year	0.68	
Age Sensitivity Factor	ASF	unitless	1	
Inhalation Absorption Factor	A	unitless	1	
Conversion Factor	CF_1	m^3/L	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	mg/kg-day^{-1}	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February 2015
Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).
Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.
Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*WAF*EF*ED*ASF*A*CF/AT

AERMOD Source	16<70
PAREA6	0.002
PAREA7	0.002
PAREA1	0.009
PAREA1	0.009
PAREA1	0.009
PAREA1	0.002
PAREA2	0.009
PAREA2	0.009
PAREA2	0.009
PAREA2	0.002
PAREA3	0.003
PAREA4	0.003
SLINE1	0.002
SLINE1	0.009
SLINE1	0.009
SLINE1	0.009
SLINE1	0.002

Risk Calculation Part 1, R1 = IF*CPF*CF

16<70
2.59E-06
2.59E-06
9.43E-06
1.04E-05
1.04E-05
2.11E-06
9.43E-06
1.04E-05
1.04E-05
2.11E-06
3.50E-06
3.50E-06
2.59E-06
9.43E-06
1.04E-05
1.04E-05
2.11E-06

WAF Calculation

Basis and Source: OEHHA Air Toxics Hot Spots Program, Feb. 2015.
https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf

Please note that worker adjustment factor does not apply if the source's emission schedule and the offsite worker's schedule do not overlap. Since the worker is not present during the time that the source is emitting, the worker is not exposed to the source's emission (i.e., the DF in Equation 4.2 becomes 0).

$$WAF = \frac{H_{residential}}{H_{source}} \times \frac{D_{residential}}{D_{source}} \times DF \qquad \text{Eq. 4.1}$$

4-44

Where:
WAF = the worker adjustment factor
$H_{residential}$= the number of hours per day the long-term residential concentration is based on (always 24 hours)
H_{source} = the number of hours the source operates per day
$D_{residential}$ = the number of days per week the long-term residential concentration is based on (always 7 days)
D_{source}= the number of days the source operates per week
DF = a discount factor for when the offsite worker's schedule partially overlaps the source's emission schedule. Use 1 if the offsite worker's schedule occurs within the source's emission schedule. If the offsite worker's schedule partially overlaps with the source's emission schedule, then calculate the discount factor using Equation 4.2 below.

$$DF = \frac{H_{coincident}}{H_{worker}} \times \frac{D_{coincident}}{D_{worker}} \qquad \text{Eq. 4.2}$$

Where:
DF = the discount factor for assessing cancer impacts
$H_{coincident}$ = the number of hours per day the offsite worker's schedule and the source's emission schedule overlap
$D_{coincident}$= the number of days per week the offsite worker's schedule and the source's emission schedule overlap
H_{worker} = the number of hours the offsite worker works per day
D_{worker}= the number of days the offsite worker works per week

	Cancer Risk	UTM X	UTM Y		HI	UTM X	UTM Y		$PM_{2.5}$ Conc.	UTM X	UTM Y	
MEIW												
WORKER	3.20	606292.2	4122000.0		0.07	606352.2	4122200.0		0.560	606352.2	4122200.0	Worker

Annual $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																	$PM_{2.5}$ Conc.
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	$\mu g/m^3$
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Max. Annual
606352.2	4122200.0	0.003	0.000	0.008	0.007	0.004	0.003	0.005	0.000	0.000	0.000	0.331	0.227	0.000	0.000	0.000	0.000	0.000	0.560

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

Risk Calculation Par

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum$R1*C_{DPM}	
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	16<70	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028		
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
605632	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.53E-09	7.53E-03
605652	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-09	7.61E-03
605672	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.70E-09	7.70E-03
605692	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-09	7.80E-03
605712	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-09	7.90E-03
605732	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-09	8.01E-03

605752	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-09	8.13E-03
605772	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-09	8.28E-03
605792	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.44E-09	8.44E-03
605812	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-09	8.62E-03
605832	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-09	8.83E-03
605852	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.06E-09	9.06E-03
605872	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.33E-09	9.33E-03
605892	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.62E-09	9.62E-03
605912	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.96E-09	9.96E-03
605932	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
605952	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	1.08E-02
605972	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
605992	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
606012	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606032	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
606052	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
606072	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
606092	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606112	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606132	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
606152	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
606172	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
606192	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
606212	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
606232	4121420	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
606252	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	2.53E-02
606272	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02
606292	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
606312	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
606332	4121420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	3.38E-02
606352	4121420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02
606372	4121420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-08	3.91E-02
606392	4121420	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-08	4.21E-02
606412	4121420	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	4.51E-02
606432	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	4.82E-02
606452	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-08	5.17E-02
606472	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-08	5.52E-02
606492	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.86E-08	5.86E-02
606512	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-08	6.19E-02
606532	4121420	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.52E-08	6.52E-02
606552	4121420	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-08	6.88E-02
606572	4121420	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-08	7.22E-02
606592	4121420	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.51E-08	7.51E-02
606612	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.82E-08	7.82E-02
606632	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.11E-08	8.11E-02
606652	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-08	8.39E-02
606672	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-08	8.64E-02
606692	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-08	8.87E-02
606712	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.08E-08	9.08E-02
606732	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-08	9.26E-02
606752	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.42E-08	9.42E-02
606772	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.54E-08	9.54E-02
606792	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-08	9.64E-02
606812	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.70E-08	9.70E-02
606832	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-08	9.75E-02
606852	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-08	9.76E-02
606872	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-08	9.76E-02
606892	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.72E-08	9.72E-02
606912	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.66E-08	9.66E-02
606932	4121420	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.58E-08	9.58E-02
606952	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-08	9.50E-02
606972	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-08	9.35E-02
606992	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.19E-08	9.19E-02
607012	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.03E-08	9.03E-02
607032	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.88E-08	8.88E-02
607052	4121420	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.69E-08	8.69E-02
605632	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-09	7.96E-03
605652	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.05E-09	8.05E-03
605672	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-09	8.14E-03
605692	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.24E-09	8.24E-03
605712	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-09	8.35E-03
605732	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.46E-09	8.46E-03
605752	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.60E-09	8.60E-03
605772	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.74E-09	8.74E-03
605792	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-09	8.91E-03
605812	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.10E-09	9.10E-03
605832	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.31E-09	9.31E-03
605852	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-09	9.56E-03
605872	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-09	9.83E-03
605892	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
605912	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
605932	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605952	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
605972	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605992	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606012	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
606032	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
606052	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
606072	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606092	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
606112	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
606132	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
606152	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02

606172	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
606192	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
606212	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
606232	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-08	2.55E-02
606252	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.74E-08	2.74E-02
606272	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.95E-08	2.95E-02
606292	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.19E-08	3.19E-02
606312	4121440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.44E-08	3.44E-02
606332	4121440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.71E-08	3.71E-02
606352	4121440	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.01E-08	4.01E-02
606372	4121440	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.32E-08	4.32E-02
606392	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.65E-08	4.65E-02
606412	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.00E-08	5.00E-02
606432	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.37E-08	5.37E-02
606452	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.77E-08	5.77E-02
606472	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.15E-08	6.15E-02
606492	4121440	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.53E-08	6.53E-02
606512	4121440	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.94E-08	6.94E-02
606532	4121440	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.33E-08	7.33E-02
606552	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.71E-08	7.71E-02
606572	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.06E-08	8.06E-02
606592	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.41E-08	8.41E-02
606612	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.74E-08	8.74E-02
606632	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.05E-08	9.05E-02
606652	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.33E-08	9.33E-02
606672	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.59E-08	9.59E-02
606692	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	9.82E-08	9.82E-02
606712	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
606732	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606752	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
606772	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606792	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606812	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606832	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606852	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606872	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606892	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606912	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
606932	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606952	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606972	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	9.85E-08	9.85E-02
606992	4121440	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.66E-08	9.66E-02
607012	4121440	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.45E-08	9.45E-02
607032	4121440	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.25E-08	9.25E-02
607052	4121440	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.04E-08	9.04E-02
605632	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.42E-09	8.42E-03
605652	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-09	8.52E-03
605672	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-09	8.62E-03
605692	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.73E-09	8.73E-03
605712	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.84E-09	8.84E-03
605732	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	8.97E-03
605752	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.12E-09	9.12E-03
605772	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-09	9.28E-03
605792	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.46E-09	9.46E-03
605812	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.66E-09	9.66E-03
605832	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.88E-09	9.88E-03
605852	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
605872	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
605892	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
605912	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.11E-02
605932	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.15E-02
605952	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
605972	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605992	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.31E-02
606012	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
606032	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
606052	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606072	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606092	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
606112	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606132	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606152	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606172	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-08	2.23E-02
606192	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.39E-02
606212	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	2.58E-02
606232	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.78E-02
606252	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.00E-08	3.00E-02
606272	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.25E-08	3.25E-02
606292	4121460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.51E-08	3.51E-02
606312	4121460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.80E-08	3.80E-02
606332	4121460	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.12E-08	4.12E-02
606352	4121460	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.45E-08	4.45E-02
606372	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.81E-08	4.81E-02
606392	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.20E-08	5.20E-02
606412	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.60E-08	5.60E-02
606432	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.03E-08	6.03E-02
606452	4121460	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.48E-08	6.48E-02
606472	4121460	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.89E-08	6.89E-02
606492	4121460	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.32E-08	7.32E-02
606512	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.77E-08	7.77E-02
606532	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.22E-08	8.22E-02
606552	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.66E-08	8.66E-02
606572	4121460	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.08E-08	9.08E-02

606592	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-08	9.47E-02
606612	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-08	9.82E-02
606632	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606652	4121460	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606672	4121460	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
606692	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
606712	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
606732	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606752	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
606772	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
606792	4121460	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
606992	4121460	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
607012	4121460	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.86E-08	9.86E-02
607032	4121460	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.60E-08	9.60E-02
607052	4121460	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-08	9.35E-02
605632	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.93E-09	8.93E-03
605652	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-09	9.04E-03
605672	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-09	9.15E-03
605692	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-09	9.27E-03
605712	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-09	9.39E-03
605732	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.54E-09	9.54E-03
605752	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-09	9.69E-03
605772	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.86E-09	9.86E-03
605792	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.00E-02
605812	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
605832	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
605852	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	1.08E-02
605872	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.11E-02
605892	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
605912	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605932	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
605952	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605972	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
605992	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
606012	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
606032	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
606052	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606072	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
606092	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606112	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606132	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606152	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-08	2.23E-02
606172	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
606192	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-08	2.59E-02
606212	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	2.80E-02
606232	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-08	3.03E-02
606252	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
606272	4121480	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	3.57E-02
606292	4121480	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-08	3.88E-02
606312	4121480	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-08	4.22E-02
606332	4121480	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-08	4.58E-02
606352	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-08	4.97E-02
606372	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-08	5.39E-02
606392	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-08	5.84E-02
606412	4121480	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-08	6.32E-02
606432	4121480	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-08	6.82E-02
606452	4121480	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-08	7.31E-02
606472	4121480	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.79E-08	7.79E-02
606492	4121480	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-08	8.28E-02
606512	4121480	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.77E-08	8.77E-02
606532	4121480	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-08	9.26E-02
606552	4121480	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-08	9.74E-02
606572	4121480	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606592	4121480	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606612	4121480	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
606632	4121480	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
606652	4121480	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
606672	4121480	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606692	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606712	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
606732	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
606752	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606772	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606792	4121480	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606992	4121480	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
607012	4121480	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
607032	4121480	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.94E-08	9.94E-02
607052	4121480	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.63E-08	9.63E-02
605632	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.49E-09	9.49E-03
605652	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.61E-09	9.61E-03
605672	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-09	9.74E-03
605692	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.87E-09	9.87E-03
605712	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.00E-02
605732	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.02E-02
605752	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
605772	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
605792	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
605812	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605832	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.11E-02
605852	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
605872	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
605892	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
605912	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02

605932	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605952	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605972	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
605992	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
606012	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606032	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
606052	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
606072	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606092	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.95E-02
606112	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606132	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-08	2.23E-02
606152	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
606172	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-08	2.59E-02
606192	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.80E-08	2.80E-02
606212	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
606232	4121500	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.31E-08	3.31E-02
606252	4121500	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.60E-08	3.60E-02
606272	4121500	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
606292	4121500	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.28E-08	4.28E-02
606312	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.67E-08	4.67E-02
606332	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.10E-08	5.10E-02
606352	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.56E-08	5.56E-02
606372	4121500	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.04E-08	6.04E-02
606392	4121500	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.57E-08	6.57E-02
606432	4121500	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.72E-08	7.72E-02
606452	4121500	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.32E-08	8.32E-02
606472	4121500	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.89E-08	8.89E-02
606492	4121500	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.44E-08	9.44E-02
606512	4121500	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.99E-08	9.99E-02
606532	4121500	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606552	4121500	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
606572	4121500	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
606592	4121500	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606612	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
606632	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.27E-07	1.27E-01
606652	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606672	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
606692	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
606712	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606732	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606752	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606772	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606792	4121500	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606992	4121500	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
607012	4121500	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
607032	4121500	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
607052	4121500	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	9.87E-08	9.87E-02
605632	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
605652	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.02E-02
605672	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
605692	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
605712	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
605732	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605752	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
605772	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
605792	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
605812	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
605832	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.19E-02
605852	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
605872	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605892	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605912	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
605932	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
605952	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
605972	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605992	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
606012	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
606032	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606052	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
606072	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.95E-02
606092	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.09E-02
606112	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
606132	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-08	2.42E-02
606152	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
606172	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.83E-08	2.83E-02
606192	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.07E-08	3.07E-02
606212	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.35E-08	3.35E-02
606232	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.65E-08	3.65E-02
606252	4121520	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.00E-08	4.00E-02
606272	4121520	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.36E-08	4.36E-02
606292	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.78E-08	4.78E-02
606312	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.25E-08	5.25E-02
606332	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.76E-08	5.76E-02
606352	4121520	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.31E-08	6.31E-02
606372	4121520	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.89E-08	6.89E-02
606432	4121520	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.79E-08	8.79E-02
606452	4121520	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.45E-08	9.45E-02
606472	4121520	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606492	4121520	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606512	4121520	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
606532	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
606552	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606572	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01

606592	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606612	4121520	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606632	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606652	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
606672	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
606692	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606712	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606732	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606752	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606772	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
606792	4121520	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606852	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606872	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606892	4121520	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
606912	4121520	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
606932	4121520	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
606992	4121520	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
607012	4121520	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
607032	4121520	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
607052	4121520	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
605632	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	1.08E-02
605652	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605672	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.11E-02
605692	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
605712	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
605732	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
605752	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605772	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
605792	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
605812	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605832	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
605852	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.31E-02
605872	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605892	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
605912	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605932	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605952	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
605972	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
605992	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606012	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
606032	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	1.88E-02
606052	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606072	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	2.10E-02
606092	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
606112	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	2.43E-02
606132	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
606152	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	2.83E-02
606172	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-08	3.08E-02
606192	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-08	3.36E-02
606212	4121540	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
606232	4121540	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-08	4.04E-02
606252	4121540	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-08	4.44E-02
606272	4121540	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-08	4.88E-02
606292	4121540	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-08	5.38E-02
606312	4121540	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-08	5.92E-02
606332	4121540	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-08	6.53E-02
606352	4121540	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-08	7.17E-02
606472	4121540	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
606492	4121540	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
606512	4121540	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606532	4121540	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
606552	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-07	1.45E-01
606572	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606592	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
606612	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
606632	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606652	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-07	1.65E-01
606672	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
606692	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
606712	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
606732	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
606752	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-07	1.65E-01
606772	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606792	4121540	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
606852	4121540	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606872	4121540	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606892	4121540	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606912	4121540	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
606992	4121540	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
607012	4121540	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
607032	4121540	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
607052	4121540	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
605632	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.15E-02
605652	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
605672	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.19E-02
605692	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
605712	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
605732	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605752	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605772	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605792	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
605812	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605832	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02

605852	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
605872	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605892	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605912	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
605932	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
605952	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605972	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
605992	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606012	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
606032	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	2.02E-02
606052	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.14E-02
606072	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
606092	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	2.44E-02
606112	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-08	2.64E-02
606132	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.84E-02
606152	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-08	3.09E-02
606172	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	3.38E-02
606192	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-08	3.71E-02
606212	4121560	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-08	4.08E-02
606232	4121560	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-08	4.50E-02
606252	4121560	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-08	4.99E-02
606272	4121560	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-08	5.52E-02
606292	4121560	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.11E-08	6.11E-02
606312	4121560	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.76E-08	6.76E-02
606332	4121560	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.49E-08	7.49E-02
606412	4121560	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606492	4121560	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606512	4121560	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606532	4121560	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
606552	4121560	0.000	0.000	0.006	0.006	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
606572	4121560	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-07	1.72E-01
606592	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
606612	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-07	1.81E-01
606632	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-07	1.84E-01
606652	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-07	1.86E-01
606672	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-07	1.87E-01
606692	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-07	1.86E-01
606712	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.85E-01
606732	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-07	1.83E-01
606752	4121560	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-07	1.80E-01
606772	4121560	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606872	4121560	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606892	4121560	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
606912	4121560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606992	4121560	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
607012	4121560	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
607032	4121560	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
607052	4121560	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605632	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
605652	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.26E-02
605672	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
605692	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605712	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
605732	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605752	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
605772	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605792	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605812	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605832	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605852	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605872	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
605892	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
605912	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605932	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-08	1.74E-02
605952	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
605972	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.89E-02
605992	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606012	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606032	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
606052	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-08	2.32E-02
606072	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	2.47E-02
606092	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	2.66E-02
606112	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.88E-02
606132	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-08	3.12E-02
606152	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-08	3.40E-02
606172	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-08	3.73E-02
606192	4121580	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-08	4.12E-02
606212	4121580	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-08	4.55E-02
606232	4121580	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	5.05E-02
606252	4121580	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-08	5.63E-02
606272	4121580	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-08	6.27E-02
606292	4121580	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-08	6.99E-02
606312	4121580	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.77E-08	7.77E-02
606332	4121580	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-08	8.66E-02
606392	4121580	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
606512	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
606532	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-07	1.84E-01
606552	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-07	1.91E-01
606572	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-07	1.97E-01
606592	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
606612	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-07	2.05E-01
606632	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-07	2.07E-01
606652	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-07	2.08E-01

606672	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-07	2.07E-01
606692	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-07	2.05E-01
606712	4121580	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-07	2.03E-01
606732	4121580	0.000	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-07	1.99E-01
606752	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-07	1.95E-01
606772	4121580	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
606832	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	1.71E-01
606852	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	1.64E-01
606872	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01
606892	4121580	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606912	4121580	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606992	4121580	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	1.19E-01
607012	4121580	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
607032	4121580	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
607052	4121580	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605632	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
605652	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605672	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
605692	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605712	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605732	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605752	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
605772	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605792	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
605812	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
605832	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
605852	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
605872	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
605892	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
605912	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
605932	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	1.88E-02
605952	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
605972	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
605992	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.14E-02
606012	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-08	2.25E-02
606032	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
606052	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	2.53E-02
606072	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.70E-02
606092	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
606112	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
606132	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-08	3.43E-02
606152	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-08	3.76E-02
606172	4121600	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.15E-08	4.15E-02
606192	4121600	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-08	4.60E-02
606212	4121600	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-08	5.13E-02
606232	4121600	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-08	5.73E-02
606252	4121600	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.42E-08	6.42E-02
606272	4121600	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-08	7.19E-02
606292	4121600	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.06E-08	8.06E-02
606312	4121600	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-08	9.04E-02
606332	4121600	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606572	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-07	2.28E-01
606592	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-07	2.31E-01
606612	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-07	2.33E-01
606632	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-07	2.34E-01
606652	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-07	2.33E-01
606672	4121600	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-07	2.30E-01
606692	4121600	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-07	2.26E-01
606712	4121600	0.000	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-07	2.22E-01
606732	4121600	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-07	2.16E-01
606752	4121600	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-07	2.09E-01
606772	4121600	0.001	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
606872	4121600	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606892	4121600	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
606912	4121600	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
606932	4121600	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606992	4121600	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
607012	4121600	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
607032	4121600	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
607052	4121600	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605632	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.42E-02
605652	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605672	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
605692	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605712	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
605732	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
605752	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
605772	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
605792	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
605812	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
605832	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
605852	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
605872	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.86E-02
605892	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
605912	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	1.99E-02
605932	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
605952	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
605972	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
605992	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606012	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	2.47E-02
606032	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
606052	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.78E-02
606072	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-08	2.97E-02

606092	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	3.21E-02
606112	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606132	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-08	3.82E-02
606152	4121620	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	4.20E-02
606172	4121620	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.66E-08	4.66E-02
606192	4121620	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-08	5.20E-02
606212	4121620	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-08	5.83E-02
606232	4121620	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-08	6.53E-02
606252	4121620	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-08	7.37E-02
606272	4121620	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-08	8.35E-02
606292	4121620	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.44E-08	9.44E-02
606312	4121620	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
606392	4121620	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-07	1.62E-01
606412	4121620	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
606432	4121620	0.000	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-07	1.92E-01
606492	4121620	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-07	2.33E-01
606512	4121620	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-07	2.44E-01
606872	4121620	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
606892	4121620	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-07	1.58E-01
606912	4121620	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606932	4121620	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
606992	4121620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
607012	4121620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
607032	4121620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
607052	4121620	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
605632	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605652	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
605672	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605692	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
605712	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605732	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
605752	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
605772	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	1.79E-02
605792	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02
605812	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-08	1.88E-02
605832	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
605852	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
605872	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
605892	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
605912	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-08	2.18E-02
605932	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
605952	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
605972	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
605992	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-08	2.59E-02
606012	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
606032	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.90E-02
606052	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-08	3.10E-02
606072	4121640	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-08	3.32E-02
606192	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.88E-08	5.88E-02
606212	4121640	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-08	6.62E-02
606232	4121640	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.46E-08	7.46E-02
606252	4121640	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.51E-08	8.51E-02
606272	4121640	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-08	9.76E-02
606292	4121640	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606312	4121640	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606492	4121640	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-07	2.77E-01
606512	4121640	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	2.87E-01
606532	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-07	2.96E-01
606552	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-07	3.01E-01
606572	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
606592	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
606612	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-07	3.02E-01
606632	4121640	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-07	2.97E-01
606912	4121640	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606932	4121640	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
606992	4121640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	1.19E-01
607012	4121640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
607032	4121640	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
607052	4121640	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
605632	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
605652	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
605672	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
605692	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
605712	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
605732	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.86E-02
605752	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
605772	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.95E-02
605792	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
605812	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
605832	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
605852	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
605872	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
605892	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-08	2.32E-02
605912	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
605932	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
605952	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
605972	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02
605992	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-08	2.86E-02
606012	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-08	3.02E-02
606032	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
606052	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606072	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-08	3.67E-02
606132	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-08	4.77E-02

606152	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-08	5.30E-02
606172	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-08	5.96E-02
606192	4121660	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.74E-08	6.74E-02
606212	4121660	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.66E-08	7.66E-02
606232	4121660	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.73E-08	8.73E-02
606252	4121660	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
606272	4121660	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
606292	4121660	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
606312	4121660	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	1.52E-01
606372	4121660	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
606452	4121660	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
606492	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-07	3.32E-01
606512	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-07	3.41E-01
606532	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-07	3.47E-01
606552	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-07	3.50E-01
606572	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-07	3.50E-01
606592	4121660	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-07	3.46E-01
606612	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-07	3.39E-01
606632	4121660	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-07	3.30E-01
606652	4121660	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-07	3.19E-01
606672	4121660	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-07	3.06E-01
606692	4121660	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-07	2.92E-01
606712	4121660	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-07	2.78E-01
606732	4121660	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-07	2.63E-01
606752	4121660	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-07	2.49E-01
606772	4121660	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-07	2.35E-01
606992	4121660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
607012	4121660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
607032	4121660	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
607052	4121660	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.96E-08	9.96E-02
605832	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
605852	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
605872	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
605892	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.57E-02
605912	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
605932	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.78E-02
605952	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.90E-02
605972	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
605992	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
606012	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	3.38E-02
606032	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-08	3.59E-02
606052	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-08	3.84E-02
606072	4121680	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-08	4.13E-02
606232	4121680	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606252	4121680	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
606272	4121680	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
606292	4121680	0.000	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-07	1.65E-01
606372	4121680	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-07	2.72E-01
606392	4121680	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-07	3.00E-01
606432	4121680	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-07	3.48E-01
606572	4121680	0.000	0.000	0.016	0.013	0.009	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-07	4.03E-01
606592	4121680	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-07	3.94E-01
606612	4121680	0.000	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-07	3.81E-01
606632	4121680	0.000	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-07	3.66E-01
606652	4121680	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-07	3.49E-01
606672	4121680	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-07	3.31E-01
606692	4121680	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-07	3.13E-01
606712	4121680	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-07	2.94E-01
606732	4121680	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-07	2.76E-01
606752	4121680	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-07	2.58E-01
606772	4121680	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-07	2.42E-01
606992	4121680	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
607012	4121680	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
607032	4121680	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
607052	4121680	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.78E-08	9.78E-02
605632	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
605652	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.97E-02
605672	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	2.03E-02
605692	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
605712	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.14E-02
605732	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
605752	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
605772	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-08	2.34E-02
605792	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
605832	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.57E-02
605852	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	2.66E-02
605872	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-08	2.75E-02
605892	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-08	2.86E-02
605912	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-08	2.98E-02
605932	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-08	3.11E-02
605952	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-08	3.25E-02
605972	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
605992	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-08	3.60E-02
606012	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-08	3.81E-02
606032	4121700	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-08	4.06E-02
606052	4121700	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-08	4.35E-02
606072	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606152	4121700	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.05E-08	7.05E-02
606172	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.05E-08	8.05E-02
606192	4121700	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.26E-08	9.26E-02
606212	4121700	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606232	4121700	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606252	4121700	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01

606272	4121700	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606292	4121700	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-07	2.07E-01
606372	4121700	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-07	3.43E-01
606392	4121700	0.000	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-07	3.76E-01
606432	4121700	0.000	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-07	4.31E-01
606472	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-07	4.70E-01
606492	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-07	4.80E-01
606512	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-07	4.85E-01
606532	4121700	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-07	4.84E-01
606692	4121700	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-07	3.30E-01
606712	4121700	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-07	3.07E-01
606732	4121700	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-07	2.85E-01
606752	4121700	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-07	2.65E-01
606772	4121700	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-07	2.46E-01
606992	4121700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
607012	4121700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
607032	4121700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
607052	4121700	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.58E-08	9.58E-02
605632	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-08	2.07E-02
605652	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	2.13E-02
605672	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
605692	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
605712	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
605732	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
605752	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-08	2.49E-02
605772	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.57E-02
605792	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-08	2.66E-02
605832	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-08	2.85E-02
605852	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-08	2.95E-02
605872	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	3.07E-02
605892	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
605912	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-08	3.33E-02
605932	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-08	3.48E-02
605952	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-08	3.65E-02
605972	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-08	3.84E-02
605992	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.05E-08	4.05E-02
606012	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-08	4.30E-02
606032	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-08	4.60E-02
606052	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-08	4.93E-02
606072	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-08	5.35E-02
606132	4121720	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-08	7.29E-02
606152	4121720	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.27E-08	8.27E-02
606172	4121720	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.54E-08	9.54E-02
606192	4121720	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
606212	4121720	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606232	4121720	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
606252	4121720	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-07	1.87E-01
606272	4121720	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-07	2.23E-01
606292	4121720	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-07	2.66E-01
606372	4121720	0.000	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-07	4.39E-01
606392	4121720	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-07	4.79E-01
606432	4121720	0.000	0.000	0.021	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-07	5.38E-01
606472	4121720	0.000	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-07	5.74E-01
606492	4121720	0.000	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.78E-07	5.78E-01
606512	4121720	0.000	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-07	5.74E-01
606532	4121720	0.000	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-07	5.66E-01
606552	4121720	0.000	0.000	0.022	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-07	5.47E-01
606572	4121720	0.000	0.000	0.020	0.017	0.011	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-07	5.22E-01
606592	4121720	0.000	0.000	0.019	0.017	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-07	4.95E-01
606612	4121720	0.000	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.66E-07	4.66E-01
606632	4121720	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-07	4.35E-01
606652	4121720	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-07	4.03E-01
606672	4121720	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-07	3.72E-01
606692	4121720	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-07	3.44E-01
606712	4121720	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-07	3.16E-01
606732	4121720	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-07	2.91E-01
606752	4121720	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-07	2.68E-01
606772	4121720	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-07	2.47E-01
606992	4121720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
607012	4121720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
607032	4121720	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-08	9.90E-02
607052	4121720	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-08	9.35E-02
605632	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
605652	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
605672	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
605692	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
605712	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
605732	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.63E-02
605752	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
605772	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	2.82E-02
605792	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.93E-02
605832	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
605852	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
605872	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-08	3.43E-02
605892	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-08	3.59E-02
605912	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	3.75E-02
605932	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-08	3.93E-02
605952	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-08	4.13E-02
605972	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-08	4.35E-02
605992	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-08	4.62E-02
606012	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-08	4.93E-02
606032	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.28E-08	5.28E-02
606052	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-08	5.70E-02

606072	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-08	6.20E-02
606392	4121740	0.000	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-07	6.19E-01
606432	4121740	0.000	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.76E-07	6.76E-01
606472	4121740	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.03E-07	7.03E-01
606492	4121740	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.97E-07	6.97E-01
606512	4121740	0.000	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-07	6.82E-01
606532	4121740	0.000	0.000	0.026	0.022	0.014	0.010	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-07	6.60E-01
606552	4121740	0.000	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-07	6.25E-01
606572	4121740	0.000	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-07	5.84E-01
606592	4121740	0.000	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-07	5.42E-01
606612	4121740	0.001	0.000	0.019	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-07	5.03E-01
606632	4121740	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-07	4.61E-01
606652	4121740	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-07	4.20E-01
606672	4121740	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-07	3.82E-01
606692	4121740	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-07	3.50E-01
606712	4121740	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-07	3.19E-01
606732	4121740	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-07	2.90E-01
606752	4121740	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-07	2.65E-01
606772	4121740	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-07	2.44E-01
606792	4121740	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
606812	4121740	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-07	2.06E-01
606832	4121740	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-07	1.90E-01
606852	4121740	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606872	4121740	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606892	4121740	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	1.52E-01
606912	4121740	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
606932	4121740	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	1.32E-01
606952	4121740	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
606992	4121740	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
607012	4121740	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
607032	4121740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.66E-08	9.66E-02
607052	4121740	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-08	9.11E-02
605632	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-08	2.42E-02
605672	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-08	2.59E-02
605692	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-08	2.68E-02
605712	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.78E-02
605752	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.99E-02
605772	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-08	3.11E-02
605792	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-08	3.24E-02
605832	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-08	3.52E-02
605852	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-08	3.67E-02
605872	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-08	3.85E-02
605892	4121760	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-08	4.04E-02
605912	4121760	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-08	4.24E-02
605932	4121760	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-08	4.47E-02
605952	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-08	4.72E-02
605972	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-08	4.99E-02
605992	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-08	5.31E-02
606012	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.69E-08	5.69E-02
606032	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-08	6.14E-02
606052	4121760	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-08	6.66E-02
606072	4121760	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-08	7.29E-02
606372	4121760	0.000	0.000	0.030	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-07	7.61E-01
606432	4121760	0.000	0.000	0.034	0.029	0.019	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.58E-07	8.58E-01
606472	4121760	0.000	0.000	0.035	0.029	0.019	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.65E-07	8.65E-01
606492	4121760	0.000	0.000	0.033	0.029	0.018	0.012	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.40E-07	8.40E-01
606512	4121760	0.000	0.000	0.032	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.05E-07	8.05E-01
606532	4121760	0.000	0.000	0.030	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-07	7.61E-01
606552	4121760	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-07	7.04E-01
606572	4121760	0.000	0.000	0.025	0.021	0.014	0.009	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.42E-07	6.42E-01
606592	4121760	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-07	5.84E-01
606612	4121760	0.001	0.000	0.020	0.017	0.011	0.008	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-07	5.31E-01
606632	4121760	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-07	4.79E-01
606652	4121760	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-07	4.30E-01
606672	4121760	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-07	3.87E-01
606692	4121760	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-07	3.51E-01
606712	4121760	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-07	3.17E-01
606732	4121760	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	2.87E-01
606752	4121760	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-07	2.61E-01
606772	4121760	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-07	2.39E-01
606792	4121760	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
606812	4121760	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-07	2.01E-01
606832	4121760	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.85E-01
606852	4121760	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	1.71E-01
606872	4121760	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
606892	4121760	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606912	4121760	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
606932	4121760	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
606952	4121760	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
606992	4121760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
607012	4121760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.98E-08	9.98E-02
607032	4121760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-08	9.39E-02
607052	4121760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-08	8.86E-02
605632	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
605672	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
605692	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-08	2.91E-02
605712	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-08	3.03E-02
605752	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
605772	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-08	3.42E-02
605792	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	3.58E-02
605832	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
605852	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-08	4.11E-02
605872	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-08	4.32E-02

605892	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-08	4.56E-02
605912	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-08	4.81E-02
605932	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.10E-08	5.10E-02
605952	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.41E-08	5.41E-02
605992	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-08	6.14E-02
606052	4121780	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.86E-08	7.86E-02
606072	4121780	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-08	8.67E-02
606132	4121780	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606152	4121780	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
606172	4121780	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-07	1.80E-01
606192	4121780	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-07	2.23E-01
606292	4121780	0.000	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.92E-07	6.92E-01
606312	4121780	0.000	0.000	0.032	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.97E-07	7.97E-01
606372	4121780	0.000	0.000	0.041	0.035	0.022	0.015	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-06	1.02E+00
606392	4121780	0.000	0.000	0.043	0.036	0.023	0.016	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-06	1.06E+00
606432	4121780	0.000	0.000	0.044	0.038	0.024	0.016	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-06	1.10E+00
606472	4121780	0.000	0.000	0.043	0.036	0.023	0.016	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-06	1.07E+00
606492	4121780	0.000	0.000	0.040	0.034	0.022	0.015	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-06	1.01E+00
606512	4121780	0.000	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-07	9.41E-01
606532	4121780	0.000	0.000	0.034	0.029	0.018	0.013	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-07	8.63E-01
606552	4121780	0.000	0.000	0.031	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.76E-07	7.76E-01
606572	4121780	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-07	6.90E-01
606592	4121780	0.001	0.000	0.024	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-07	6.14E-01
606612	4121780	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-07	5.48E-01
606632	4121780	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-07	4.86E-01
606652	4121780	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-07	4.31E-01
606672	4121780	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-07	3.84E-01
606692	4121780	0.001	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-07	3.45E-01
606712	4121780	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-07	3.10E-01
606732	4121780	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-07	2.80E-01
606752	4121780	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-07	2.54E-01
606772	4121780	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-07	2.32E-01
606792	4121780	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-07	2.13E-01
606812	4121780	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	1.96E-01
606832	4121780	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-07	1.81E-01
606852	4121780	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
606872	4121780	0.002	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
606892	4121780	0.002	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606912	4121780	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
606932	4121780	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606952	4121780	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
606992	4121780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
607012	4121780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.73E-08	9.73E-02
605632	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
605672	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
605692	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-08	3.17E-02
605712	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-08	3.31E-02
605752	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-08	3.61E-02
605772	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-08	3.78E-02
605792	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-08	3.96E-02
605832	4121800	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-08	4.38E-02
605852	4121800	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-08	4.61E-02
605872	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-08	4.87E-02
605892	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-08	5.16E-02
605912	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-08	5.48E-02
605932	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-08	5.82E-02
605952	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-08	6.21E-02
605992	4121800	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-08	7.16E-02
606052	4121800	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.38E-08	9.38E-02
606072	4121800	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606152	4121800	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-07	1.91E-01
606172	4121800	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-07	2.37E-01
606192	4121800	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
606292	4121800	0.000	0.000	0.042	0.035	0.022	0.015	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-06	1.04E+00
606312	4121800	0.000	0.000	0.046	0.040	0.025	0.017	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-06	1.16E+00
606372	4121800	0.000	0.000	0.056	0.048	0.030	0.021	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-06	1.39E+00
606432	4121800	0.000	0.000	0.057	0.049	0.031	0.021	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-06	1.42E+00
606472	4121800	0.000	0.000	0.053	0.045	0.028	0.019	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-06	1.32E+00
606492	4121800	0.000	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-06	1.20E+00
606512	4121800	0.000	0.000	0.043	0.037	0.023	0.016	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-06	1.08E+00
606532	4121800	0.000	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-07	9.48E-01
606552	4121800	0.001	0.000	0.032	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.27E-07	8.27E-01
606572	4121800	0.001	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-07	7.19E-01
606592	4121800	0.001	0.000	0.024	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-07	6.27E-01
606612	4121800	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-07	5.47E-01
606632	4121800	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-07	4.80E-01
606652	4121800	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-07	4.22E-01
606672	4121800	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-07	3.74E-01
606692	4121800	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-07	3.33E-01
606712	4121800	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-07	2.99E-01
606732	4121800	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-07	2.69E-01
606752	4121800	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-07	2.45E-01
606772	4121800	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
606792	4121800	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-07	2.05E-01
606812	4121800	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
606832	4121800	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-07	1.74E-01
606852	4121800	0.002	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-07	1.61E-01
606872	4121800	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606892	4121800	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606912	4121800	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	1.30E-01
606932	4121800	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605632	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-08	3.52E-02
605652	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-08	3.69E-02

605672	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	3.87E-02
605692	4121860	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-08	4.08E-02
605712	4121860	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	4.29E-02
605732	4121860	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-08	4.53E-02
605752	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-08	4.79E-02
605772	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-08	5.08E-02
605792	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-08	5.39E-02
605812	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-08	5.74E-02
605832	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-08	6.14E-02
605852	4121860	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.57E-08	6.57E-02
605872	4121860	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.06E-08	7.06E-02
605892	4121860	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-08	7.63E-02
605912	4121860	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.26E-08	8.26E-02
605932	4121860	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.98E-08	8.98E-02
605952	4121860	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.81E-08	9.81E-02
605972	4121860	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
605992	4121860	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606012	4121860	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
606032	4121860	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606052	4121860	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-07	1.74E-01
606072	4121860	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-07	2.04E-01
606612	4121860	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-07	4.71E-01
606632	4121860	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-07	4.06E-01
606652	4121860	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-07	3.56E-01
606672	4121860	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-07	3.17E-01
606692	4121860	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-07	2.85E-01
606712	4121860	0.002	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-07	2.59E-01
606732	4121860	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-07	2.37E-01
606752	4121860	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-07	2.17E-01
606772	4121860	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-07	2.01E-01
606792	4121860	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-07	1.86E-01
606812	4121860	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-07	1.72E-01
606832	4121860	0.003	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
606852	4121860	0.003	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605632	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.80E-08	3.80E-02
605652	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	3.99E-02
605672	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	4.20E-02
605692	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-08	4.43E-02
605712	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-08	4.68E-02
605732	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.96E-08	4.96E-02
605752	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-08	5.27E-02
605772	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-08	5.61E-02
605792	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-08	5.99E-02
605812	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.41E-08	6.41E-02
605832	4121880	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-08	6.88E-02
605852	4121880	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-08	7.41E-02
605872	4121880	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-08	8.01E-02
605892	4121880	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.73E-08	8.73E-02
605912	4121880	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.54E-08	9.54E-02
605932	4121880	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
605952	4121880	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
605972	4121880	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
605992	4121880	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606012	4121880	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	1.64E-01
606032	4121880	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-07	1.88E-01
606052	4121880	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-07	2.21E-01
606072	4121880	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-07	2.65E-01
606452	4121880	0.000	0.000	0.104	0.088	0.056	0.038	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-06	2.58E+00
606472	4121880	0.001	0.000	0.076	0.065	0.041	0.028	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-06	1.92E+00
606492	4121880	0.001	0.000	0.057	0.049	0.031	0.021	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-06	1.45E+00
606512	4121880	0.001	0.000	0.044	0.037	0.024	0.016	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-06	1.12E+00
606532	4121880	0.001	0.000	0.034	0.029	0.018	0.012	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	8.85E-07	8.85E-01
606552	4121880	0.001	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	7.15E-07	7.15E-01
606572	4121880	0.001	0.000	0.022	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-07	5.95E-01
606592	4121880	0.001	0.000	0.018	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-07	5.02E-01
606612	4121880	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-07	4.31E-01
606632	4121880	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-07	3.75E-01
606652	4121880	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-07	3.32E-01
606672	4121880	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-07	2.99E-01
606692	4121880	0.002	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-07	2.72E-01
606712	4121880	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-07	2.48E-01
606732	4121880	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-07	2.28E-01
606752	4121880	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-07	2.11E-01
606772	4121880	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	1.96E-01
606792	4121880	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-07	1.81E-01
606812	4121880	0.003	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-07	1.68E-01
606832	4121880	0.003	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
606852	4121880	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
605632	4121900	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	4.09E-02
605652	4121900	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-08	4.31E-02
605672	4121900	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-08	4.55E-02
605692	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	4.82E-02
605712	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-08	5.11E-02
605732	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.43E-08	5.43E-02
605752	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-08	5.79E-02
605772	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-08	6.19E-02
605792	4121900	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.64E-08	6.64E-02
605812	4121900	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-08	7.16E-02
605832	4121900	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.73E-08	7.73E-02
605852	4121900	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.37E-08	8.37E-02
605872	4121900	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-08	9.11E-02
605892	4121900	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
605912	4121900	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01

605932	4121900	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-07	1.23E-01
605952	4121900	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
605972	4121900	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
605992	4121900	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606012	4121900	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-07	2.04E-01
606032	4121900	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-07	2.40E-01
606052	4121900	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	2.87E-01
606072	4121900	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-07	3.51E-01
606452	4121900	0.001	0.000	0.098	0.084	0.053	0.036	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-06	2.45E+00
606472	4121900	0.001	0.000	0.070	0.060	0.038	0.026	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-06	1.77E+00
606492	4121900	0.001	0.000	0.051	0.044	0.028	0.019	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-06	1.31E+00
606512	4121900	0.001	0.000	0.038	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	9.91E-07	9.91E-01
606532	4121900	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-07	7.78E-01
606552	4121900	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-07	6.30E-01
606572	4121900	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	5.28E-07	5.28E-01
606592	4121900	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-07	4.53E-01
606612	4121900	0.001	0.000	0.012	0.010	0.007	0.005	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-07	3.94E-01
606632	4121900	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-07	3.49E-01
606652	4121900	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-07	3.13E-01
606672	4121900	0.002	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-07	2.86E-01
606692	4121900	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-07	2.62E-01
606712	4121900	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-07	2.41E-01
606732	4121900	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-07	2.23E-01
606752	4121900	0.003	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-07	2.07E-01
606772	4121900	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-07	1.92E-01
606792	4121900	0.003	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-07	1.78E-01
606812	4121900	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-07	1.65E-01
606832	4121900	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
606852	4121900	0.004	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-07	1.43E-01
605632	4121920	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-08	4.40E-02
605652	4121920	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-08	4.65E-02
605672	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-08	4.93E-02
605692	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-08	5.24E-02
605712	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-08	5.58E-02
605732	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-08	5.95E-02
605752	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.38E-08	6.38E-02
605772	4121920	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-08	6.85E-02
605792	4121920	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-08	7.39E-02
605812	4121920	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.00E-08	8.00E-02
605832	4121920	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.69E-08	8.69E-02
605852	4121920	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-08	9.47E-02
605872	4121920	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
605892	4121920	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
605912	4121920	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
605932	4121920	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-07	1.43E-01
605952	4121920	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-07	1.62E-01
605972	4121920	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.85E-01
605992	4121920	0.000	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-07	2.15E-01
606012	4121920	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-07	2.53E-01
606032	4121920	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
606052	4121920	0.000	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-07	3.75E-01
606072	4121920	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-07	4.80E-01
606452	4121920	0.001	0.000	0.087	0.074	0.047	0.032	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-06	2.18E+00
606472	4121920	0.001	0.000	0.060	0.051	0.032	0.022	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-06	1.53E+00
606532	4121920	0.001	0.000	0.024	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-07	6.61E-01
606572	4121920	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-07	4.68E-01
606592	4121920	0.001	0.000	0.012	0.010	0.007	0.005	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-07	4.11E-01
606612	4121920	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-07	3.67E-01
606632	4121920	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-07	3.31E-01
606652	4121920	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-07	3.02E-01
606672	4121920	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-07	2.78E-01
606692	4121920	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-07	2.56E-01
606712	4121920	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-07	2.36E-01
606732	4121920	0.003	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
606752	4121920	0.003	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-07	2.03E-01
606772	4121920	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
606792	4121920	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-07	1.75E-01
606812	4121920	0.004	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-07	1.62E-01
606832	4121920	0.005	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606852	4121920	0.005	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
605632	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-08	4.74E-02
605652	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-08	5.03E-02
605672	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-08	5.35E-02
605692	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-08	5.70E-02
605712	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.09E-08	6.09E-02
605732	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-08	6.53E-02
605752	4121940	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.02E-08	7.02E-02
605772	4121940	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.57E-08	7.57E-02
605792	4121940	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-08	8.21E-02
605812	4121940	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-08	8.94E-02
605832	4121940	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.78E-08	9.78E-02
605852	4121940	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
605872	4121940	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	1.19E-01
605892	4121940	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
605912	4121940	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605932	4121940	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-07	1.68E-01
605952	4121940	0.000	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-07	1.93E-01
605972	4121940	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
605992	4121940	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-07	2.64E-01
606012	4121940	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-07	3.16E-01
606032	4121940	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-07	3.90E-01
606052	4121940	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-07	5.00E-01
606072	4121940	0.000	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-07	6.73E-01

606532	4121940	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-07	5.58E-01
606572	4121940	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-07	4.25E-01
606592	4121940	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-07	3.86E-01
606612	4121940	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-07	3.53E-01
606632	4121940	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-07	3.24E-01
606652	4121940	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-07	2.99E-01
606672	4121940	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-07	2.77E-01
606692	4121940	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-07	2.55E-01
606712	4121940	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-07	2.36E-01
606732	4121940	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-07	2.18E-01
606752	4121940	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
606772	4121940	0.005	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-07	1.87E-01
606792	4121940	0.005	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-07	1.73E-01
606812	4121940	0.005	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
606832	4121940	0.006	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606852	4121940	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
605632	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-08	5.11E-02
605652	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-08	5.44E-02
605672	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-08	5.80E-02
605692	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-08	6.20E-02
605712	4121960	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-08	6.65E-02
605732	4121960	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-08	7.16E-02
605752	4121960	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.73E-08	7.73E-02
605772	4121960	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.38E-08	8.38E-02
605792	4121960	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.14E-08	9.14E-02
605812	4121960	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
605832	4121960	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605852	4121960	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605872	4121960	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
605892	4121960	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-07	1.53E-01
605912	4121960	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-07	1.73E-01
605932	4121960	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-07	1.98E-01
605952	4121960	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-07	2.30E-01
605972	4121960	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-07	2.71E-01
605992	4121960	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-07	3.25E-01
606012	4121960	0.000	0.000	0.016	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-07	3.98E-01
606032	4121960	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-07	5.01E-01
606052	4121960	0.000	0.000	0.026	0.022	0.014	0.010	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-07	6.60E-01
606072	4121960	0.000	0.000	0.037	0.031	0.020	0.013	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-07	9.11E-01
606572	4121960	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-07	4.09E-01
606592	4121960	0.002	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-07	3.81E-01
606612	4121960	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-07	3.54E-01
606632	4121960	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-07	3.27E-01
606652	4121960	0.003	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-07	3.03E-01
606672	4121960	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-07	2.81E-01
606692	4121960	0.003	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-07	2.58E-01
606712	4121960	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-07	2.37E-01
606732	4121960	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
606752	4121960	0.005	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
606772	4121960	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-07	1.86E-01
606792	4121960	0.006	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	1.71E-01
606812	4121960	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01
606832	4121960	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-07	1.45E-01
606852	4121960	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
605632	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-08	5.51E-02
605652	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.88E-08	5.88E-02
605672	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-08	6.29E-02
605692	4121980	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.75E-08	6.75E-02
605712	4121980	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.27E-08	7.27E-02
605732	4121980	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.85E-08	7.85E-02
605752	4121980	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-08	8.52E-02
605772	4121980	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-08	9.29E-02
605792	4121980	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
605812	4121980	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
605832	4121980	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
605852	4121980	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
605872	4121980	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
605892	4121980	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
605912	4121980	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
605932	4121980	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-07	2.33E-01
605952	4121980	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-07	2.74E-01
605972	4121980	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-07	3.26E-01
605992	4121980	0.000	0.000	0.016	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-07	3.96E-01
606012	4121980	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-07	4.92E-01
606032	4121980	0.000	0.000	0.025	0.021	0.014	0.009	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-07	6.29E-01
606052	4121980	0.000	0.000	0.033	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.34E-07	8.34E-01
606072	4121980	0.000	0.000	0.046	0.039	0.025	0.017	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-06	1.15E+00
606512	4121980	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-07	5.08E-01
606532	4121980	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-07	4.73E-01
606572	4121980	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-07	4.19E-01
606592	4121980	0.002	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-07	3.95E-01
606612	4121980	0.002	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-07	3.68E-01
606632	4121980	0.003	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-07	3.40E-01
606652	4121980	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-07	3.13E-01
606672	4121980	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-07	2.88E-01
606692	4121980	0.004	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-07	2.62E-01
606712	4121980	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-07	2.39E-01
606732	4121980	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
606752	4121980	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-07	2.00E-01
606772	4121980	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-07	1.83E-01
606792	4121980	0.008	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-07	1.69E-01
606812	4121980	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
606832	4121980	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01

606852	4121980	0.009	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	1.32E-01
605632	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.93E-08	5.93E-02
605652	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.35E-08	6.35E-02
605672	4122000	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-08	6.82E-02
605692	4122000	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-08	7.34E-02
605712	4122000	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.94E-08	7.94E-02
605732	4122000	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.61E-08	8.61E-02
605752	4122000	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.39E-08	9.39E-02
605772	4122000	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605792	4122000	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
605812	4122000	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
605832	4122000	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
605852	4122000	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
605872	4122000	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
605892	4122000	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
605912	4122000	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-07	2.32E-01
605932	4122000	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-07	2.70E-01
605952	4122000	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-07	3.21E-01
605972	4122000	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-07	3.85E-01
605992	4122000	0.000	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-07	4.68E-01
606012	4122000	0.000	0.000	0.023	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-07	5.83E-01
606032	4122000	0.000	0.000	0.030	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-07	7.48E-01
606052	4122000	0.000	0.000	0.039	0.034	0.021	0.014	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-07	9.82E-01
606072	4122000	0.000	0.000	0.053	0.045	0.029	0.019	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-06	1.32E+00
606292	4122000	0.001	0.000	0.129	0.110	0.069	0.047	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-06	3.20E+00
606312	4122000	0.001	0.000	0.110	0.094	0.059	0.041	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-06	2.74E+00
606332	4122000	0.001	0.000	0.096	0.082	0.052	0.035	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-06	2.39E+00
606352	4122000	0.001	0.000	0.083	0.071	0.045	0.031	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-06	2.09E+00
606512	4122000	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.069	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-07	5.15E-01
606532	4122000	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-07	4.98E-01
606612	4122000	0.003	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.072	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-07	3.92E-01
606632	4122000	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-07	3.57E-01
606652	4122000	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-07	3.24E-01
606672	4122000	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-07	2.94E-01
606692	4122000	0.006	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-07	2.64E-01
606712	4122000	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-07	2.40E-01
606732	4122000	0.008	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-07	2.18E-01
606752	4122000	0.008	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-07	1.98E-01
606772	4122000	0.009	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-07	1.80E-01
606792	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
606812	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	1.52E-01
606832	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606852	4122000	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	1.30E-01
605632	4122020	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-08	6.40E-02
605652	4122020	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-08	6.87E-02
605672	4122020	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-08	7.40E-02
605692	4122020	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.00E-08	8.00E-02
605712	4122020	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-08	8.67E-02
605732	4122020	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.45E-08	9.45E-02
605752	4122020	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605772	4122020	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
605792	4122020	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
605812	4122020	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
605832	4122020	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
605852	4122020	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
605872	4122020	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-07	2.00E-01
605892	4122020	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-07	2.30E-01
605912	4122020	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-07	2.66E-01
605932	4122020	0.000	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-07	3.11E-01
605952	4122020	0.000	0.000	0.015	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-07	3.69E-01
605972	4122020	0.000	0.000	0.018	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-07	4.44E-01
605992	4122020	0.000	0.000	0.021	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.41E-07	5.41E-01
606012	4122020	0.000	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-07	6.71E-01
606032	4122020	0.000	0.000	0.034	0.029	0.018	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-07	8.52E-01
606052	4122020	0.000	0.000	0.044	0.038	0.024	0.016	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-06	1.10E+00
606072	4122020	0.000	0.000	0.058	0.050	0.031	0.021	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-06	1.45E+00
606272	4122020	0.001	0.000	0.121	0.103	0.065	0.045	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-06	3.01E+00
606292	4122020	0.001	0.000	0.095	0.081	0.051	0.035	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-06	2.38E+00
606312	4122020	0.001	0.000	0.079	0.068	0.043	0.029	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-06	1.99E+00
606332	4122020	0.001	0.000	0.067	0.057	0.036	0.025	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-06	1.69E+00
606352	4122020	0.001	0.000	0.057	0.048	0.031	0.021	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-06	1.44E+00
606512	4122020	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.101	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-07	5.83E-01
606532	4122020	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.107	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-07	5.71E-01
606612	4122020	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.084	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-07	4.19E-01
606632	4122020	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-07	3.73E-01
606652	4122020	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-07	3.32E-01
606672	4122020	0.006	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-07	2.97E-01
606692	4122020	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-07	2.64E-01
606712	4122020	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-07	2.38E-01
606732	4122020	0.010	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-07	2.16E-01
606752	4122020	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	1.96E-01
606772	4122020	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-07	1.78E-01
606792	4122020	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	1.64E-01
606812	4122020	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606832	4122020	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
606852	4122020	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
605632	4122040	0.000	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-08	6.91E-02
605652	4122040	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.43E-08	7.43E-02
605672	4122040	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-08	8.03E-02
605692	4122040	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-08	8.70E-02
605712	4122040	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-08	9.47E-02
605732	4122040	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605752	4122040	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01

605772	4122040	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
605792	4122040	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
605812	4122040	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
605832	4122040	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-07	1.74E-01
605852	4122040	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-07	1.97E-01
605872	4122040	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-07	2.25E-01
605892	4122040	0.000	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-07	2.59E-01
605912	4122040	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-07	3.00E-01
605932	4122040	0.000	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-07	3.52E-01
605952	4122040	0.000	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-07	4.17E-01
605972	4122040	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-07	5.00E-01
605992	4122040	0.000	0.000	0.024	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-07	6.07E-01
606012	4122040	0.000	0.000	0.030	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-07	7.48E-01
606032	4122040	0.000	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.36E-07	9.36E-01
606052	4122040	0.000	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-06	1.19E+00
606072	4122040	0.000	0.000	0.062	0.053	0.033	0.023	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-06	1.54E+00
606272	4122040	0.001	0.000	0.094	0.080	0.051	0.035	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-06	2.35E+00
606292	4122040	0.001	0.000	0.072	0.061	0.039	0.026	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-06	1.80E+00
606312	4122040	0.001	0.000	0.058	0.050	0.031	0.021	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-06	1.48E+00
606332	4122040	0.001	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-06	1.24E+00
606352	4122040	0.001	0.000	0.040	0.034	0.022	0.015	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-06	1.06E+00
606512	4122040	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.150	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-07	7.20E-01
606532	4122040	0.002	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.149	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-07	6.93E-01
606572	4122040	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.125	0.000	0.000	0.000	0.000	0.000	0.000	5.75E-07	5.75E-01
606592	4122040	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.109	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-07	5.08E-01
606612	4122040	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	4.41E-07	4.41E-01
606632	4122040	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-07	3.83E-01
606652	4122040	0.006	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-07	3.34E-01
606672	4122040	0.008	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-07	2.94E-01
606692	4122040	0.010	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-07	2.60E-01
606712	4122040	0.012	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-07	2.34E-01
606732	4122040	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-07	2.13E-01
606752	4122040	0.014	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-07	1.93E-01
606772	4122040	0.015	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606792	4122040	0.016	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606812	4122040	0.016	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606832	4122040	0.015	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606852	4122040	0.015	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
605632	4122060	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-08	7.44E-02
605652	4122060	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-08	8.03E-02
605672	4122060	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-08	8.70E-02
605692	4122060	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.46E-08	9.46E-02
605712	4122060	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605732	4122060	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
605752	4122060	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
605772	4122060	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
605792	4122060	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
605812	4122060	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-07	1.72E-01
605832	4122060	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-07	1.93E-01
605852	4122060	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
605872	4122060	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-07	2.50E-01
605892	4122060	0.000	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-07	2.88E-01
605912	4122060	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-07	3.34E-01
605932	4122060	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-07	3.91E-01
605952	4122060	0.000	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-07	4.62E-01
605972	4122060	0.000	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.50E-07	5.50E-01
605992	4122060	0.000	0.000	0.026	0.022	0.014	0.010	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.63E-07	6.63E-01
606012	4122060	0.000	0.000	0.032	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-07	8.07E-01
606032	4122060	0.000	0.000	0.040	0.034	0.021	0.015	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.94E-07	9.94E-01
606052	4122060	0.001	0.000	0.050	0.043	0.027	0.018	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-06	1.25E+00
606072	4122060	0.001	0.000	0.064	0.054	0.034	0.023	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-06	1.59E+00
606272	4122060	0.001	0.000	0.067	0.057	0.036	0.025	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-06	1.70E+00
606292	4122060	0.001	0.000	0.052	0.044	0.028	0.019	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-06	1.32E+00
606312	4122060	0.001	0.000	0.042	0.036	0.023	0.016	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-06	1.10E+00
606332	4122060	0.001	0.000	0.035	0.030	0.019	0.013	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	9.43E-07	9.43E-01
606352	4122060	0.001	0.000	0.030	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	8.20E-07	8.20E-01
606572	4122060	0.003	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.145	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-07	6.30E-01
606592	4122060	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-07	5.34E-01
606612	4122060	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.097	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-07	4.48E-01
606632	4122060	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.000	3.80E-07	3.80E-01
606652	4122060	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-07	3.28E-01
606672	4122060	0.011	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	2.87E-01
606692	4122060	0.014	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-07	2.55E-01
606712	4122060	0.016	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-07	2.30E-01
606732	4122060	0.018	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-07	2.11E-01
606752	4122060	0.019	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-07	1.92E-01
606772	4122060	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606792	4122060	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606812	4122060	0.019	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606832	4122060	0.018	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
606852	4122060	0.017	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
607052	4122060	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-08	5.24E-02
605632	4122080	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-08	8.01E-02
605652	4122080	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-08	8.67E-02
605672	4122080	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-08	9.41E-02
605692	4122080	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605712	4122080	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
605732	4122080	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-07	1.23E-01
605752	4122080	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
605772	4122080	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
605792	4122080	0.000	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-07	1.68E-01
605812	4122080	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
605832	4122080	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-07	2.13E-01

605852	4122080	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-07	2.42E-01
605872	4122080	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-07	2.76E-01
605892	4122080	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-07	3.17E-01
605912	4122080	0.000	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-07	3.67E-01
605932	4122080	0.000	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-07	4.27E-01
605952	4122080	0.000	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-07	5.02E-01
606272	4122080	0.001	0.000	0.045	0.039	0.024	0.017	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-06	1.17E+00
606292	4122080	0.001	0.000	0.037	0.032	0.020	0.014	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-07	9.79E-01
606312	4122080	0.001	0.000	0.031	0.027	0.017	0.012	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-07	8.53E-01
606332	4122080	0.001	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	7.60E-07	7.60E-01
606352	4122080	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-07	6.91E-01
606572	4122080	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.154	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-07	6.53E-01
606592	4122080	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.121	0.000	0.000	0.000	0.000	0.000	0.000	5.32E-07	5.32E-01
606612	4122080	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-07	4.36E-01
606632	4122080	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-07	3.65E-01
606652	4122080	0.013	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-07	3.14E-01
606672	4122080	0.017	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-07	2.78E-01
606692	4122080	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-07	2.51E-01
606712	4122080	0.024	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-07	2.31E-01
606732	4122080	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-07	2.13E-01
606752	4122080	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-07	1.95E-01
606772	4122080	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-07	1.79E-01
606792	4122080	0.024	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	1.64E-01
606812	4122080	0.023	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606892	4122080	0.014	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.93E-08	9.93E-02
606912	4122080	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.99E-08	8.99E-02
606932	4122080	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-08	8.19E-02
605632	4122100	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-08	8.62E-02
605652	4122100	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-08	9.35E-02
605672	4122100	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
605692	4122100	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
605712	4122100	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605732	4122100	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
605752	4122100	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
605772	4122100	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	1.64E-01
605792	4122100	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-07	1.83E-01
605812	4122100	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-07	2.05E-01
605832	4122100	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-07	2.32E-01
605852	4122100	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-07	2.62E-01
605872	4122100	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-07	2.98E-01
605892	4122100	0.000	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-07	3.42E-01
605912	4122100	0.000	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-07	3.93E-01
606572	4122100	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.149	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-07	6.27E-01
606592	4122100	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-07	4.97E-01
606612	4122100	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-07	4.02E-01
606632	4122100	0.014	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-07	3.38E-01
606652	4122100	0.019	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-07	2.98E-01
606672	4122100	0.026	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-07	2.72E-01
606692	4122100	0.031	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-07	2.55E-01
606712	4122100	0.035	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-07	2.40E-01
606852	4122100	0.020	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
606872	4122100	0.017	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606892	4122100	0.015	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-08	9.47E-02
606912	4122100	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-08	8.54E-02
606932	4122100	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-08	7.75E-02
605632	4122120	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-08	9.25E-02
605652	4122120	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
605672	4122120	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
605692	4122120	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
605712	4122120	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
605732	4122120	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
605752	4122120	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
605772	4122120	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
605792	4122120	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-07	1.98E-01
605812	4122120	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-07	2.22E-01
605832	4122120	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-07	2.49E-01
605852	4122120	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-07	2.81E-01
605872	4122120	0.000	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-07	3.18E-01
605992	4122120	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.38E-07	7.38E-01
606012	4122120	0.001	0.000	0.034	0.029	0.018	0.013	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-07	8.59E-01
606032	4122120	0.001	0.000	0.040	0.034	0.021	0.015	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-06	1.00E+00
606052	4122120	0.001	0.000	0.046	0.040	0.025	0.017	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-06	1.17E+00
606512	4122120	0.004	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.372	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-06	1.43E+00
606532	4122120	0.004	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.259	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-06	1.02E+00
606552	4122120	0.005	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.183	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-07	7.48E-01
606572	4122120	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.131	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-07	5.62E-01
606592	4122120	0.009	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-07	4.39E-01
606772	4122120	0.038	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
606792	4122120	0.033	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
606812	4122120	0.028	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
606852	4122120	0.020	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606872	4122120	0.017	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
606892	4122120	0.014	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-08	8.94E-02
606912	4122120	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.02E-08	8.02E-02
605632	4122140	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-08	9.90E-02
605652	4122140	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
605672	4122140	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
605692	4122140	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
605712	4122140	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
605732	4122140	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
605752	4122140	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	1.71E-01
605772	4122140	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-07	1.90E-01
605792	4122140	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-07	2.11E-01

605812	4122140	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-07	2.36E-01
605832	4122140	0.000	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-07	2.65E-01
605852	4122140	0.000	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-07	2.97E-01
605932	4122140	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-07	4.89E-01
605952	4122140	0.001	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-07	5.57E-01
605972	4122140	0.001	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.35E-07	6.35E-01
605992	4122140	0.001	0.000	0.028	0.024	0.015	0.010	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.24E-07	7.24E-01
606012	4122140	0.001	0.000	0.032	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.24E-07	8.24E-01
606032	4122140	0.001	0.000	0.037	0.031	0.020	0.014	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.34E-07	9.34E-01
606052	4122140	0.001	0.000	0.041	0.035	0.022	0.015	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-06	1.05E+00
606072	4122140	0.001	0.000	0.046	0.039	0.025	0.017	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-06	1.16E+00
606132	4122140	0.001	0.000	0.050	0.043	0.027	0.018	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-06	1.28E+00
606152	4122140	0.001	0.000	0.048	0.041	0.026	0.018	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-06	1.24E+00
606172	4122140	0.001	0.000	0.044	0.038	0.024	0.016	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-06	1.15E+00
606652	4122140	0.062	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-07	3.37E-01
606672	4122140	0.077	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-07	3.48E-01
606712	4122140	0.072	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-07	2.98E-01
606732	4122140	0.062	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-07	2.59E-01
606752	4122140	0.052	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-07	2.23E-01
606772	4122140	0.043	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-07	1.90E-01
606792	4122140	0.035	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606812	4122140	0.029	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
606832	4122140	0.024	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606852	4122140	0.019	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
605632	4122160	0.000	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
605652	4122160	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
605672	4122160	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
605692	4122160	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
605712	4122160	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
605732	4122160	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-07	1.65E-01
605752	4122160	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-07	1.82E-01
605772	4122160	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
605792	4122160	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
605812	4122160	0.000	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-07	2.49E-01
605832	4122160	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-07	2.78E-01
605912	4122160	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-07	4.37E-01
605932	4122160	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-07	4.92E-01
605952	4122160	0.001	0.000	0.022	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-07	5.52E-01
605972	4122160	0.001	0.000	0.024	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-07	6.19E-01
605992	4122160	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.92E-07	6.92E-01
606012	4122160	0.001	0.000	0.030	0.026	0.016	0.011	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-07	7.69E-01
606032	4122160	0.001	0.000	0.033	0.028	0.018	0.012	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-07	8.48E-01
606052	4122160	0.001	0.000	0.036	0.031	0.019	0.013	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.22E-07	9.22E-01
606072	4122160	0.001	0.000	0.038	0.033	0.021	0.014	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-07	9.82E-01
606132	4122160	0.001	0.000	0.039	0.033	0.021	0.014	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-06	1.01E+00
606152	4122160	0.001	0.000	0.037	0.031	0.020	0.014	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-07	9.67E-01
606172	4122160	0.001	0.000	0.034	0.029	0.018	0.012	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	9.03E-07	9.03E-01
606512	4122160	0.007	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.272	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-06	1.07E+00
606532	4122160	0.008	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.170	0.000	0.000	0.000	0.000	0.000	0.000	7.05E-07	7.05E-01
606552	4122160	0.010	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.112	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-07	4.99E-01
606652	4122160	0.129	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-07	4.81E-01
606672	4122160	0.132	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-07	4.69E-01
606712	4122160	0.090	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-07	3.32E-01
606732	4122160	0.071	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-07	2.72E-01
606752	4122160	0.056	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
606772	4122160	0.044	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-07	1.86E-01
606792	4122160	0.035	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
606872	4122160	0.015	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.61E-08	8.61E-02
606892	4122160	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-08	7.63E-02
606912	4122160	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-08	6.82E-02
605632	4122180	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
605652	4122180	0.000	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605672	4122180	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
605692	4122180	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-07	1.45E-01
605712	4122180	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
605732	4122180	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-07	1.75E-01
605752	4122180	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-07	1.92E-01
605772	4122180	0.000	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-07	2.12E-01
605792	4122180	0.000	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-07	2.34E-01
605812	4122180	0.000	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-07	2.59E-01
605832	4122180	0.000	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	2.87E-01
605892	4122180	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-07	3.94E-01
605912	4122180	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-07	4.37E-01
605932	4122180	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-07	4.85E-01
605952	4122180	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-07	5.36E-01
605972	4122180	0.001	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.91E-07	5.91E-01
605992	4122180	0.001	0.000	0.025	0.022	0.014	0.009	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.47E-07	6.47E-01
606012	4122180	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-07	7.04E-01
606032	4122180	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.57E-07	7.57E-01
606052	4122180	0.001	0.000	0.031	0.026	0.017	0.011	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	8.02E-07	8.02E-01
606132	4122180	0.001	0.000	0.031	0.026	0.017	0.011	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	8.23E-07	8.23E-01
606152	4122180	0.001	0.000	0.029	0.025	0.016	0.011	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-07	7.89E-01
606172	4122180	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	7.45E-07	7.45E-01
606332	4122180	0.002	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.221	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-06	1.04E+00
606352	4122180	0.003	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.345	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-06	1.45E+00
606672	4122180	0.185	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-07	5.87E-01
606712	4122180	0.099	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-07	3.43E-01
606812	4122180	0.025	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606832	4122180	0.020	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606852	4122180	0.016	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.85E-08	8.85E-02
606872	4122180	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.77E-08	7.77E-02
606892	4122180	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-08	6.91E-02
606912	4122180	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-08	6.20E-02

605872	4122200	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-07	3.56E-01
605892	4122200	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-07	3.91E-01
605912	4122200	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-07	4.30E-01
605932	4122200	0.001	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-07	4.71E-01
605952	4122200	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-07	5.13E-01
605972	4122200	0.001	0.000	0.021	0.018	0.012	0.008	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	5.56E-07	5.56E-01
605992	4122200	0.001	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-07	5.98E-01
606012	4122200	0.001	0.000	0.025	0.021	0.013	0.009	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.37E-07	6.37E-01
606032	4122200	0.001	0.000	0.026	0.022	0.014	0.009	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-07	6.72E-01
606052	4122200	0.001	0.000	0.027	0.023	0.014	0.010	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-07	6.99E-01
606072	4122200	0.001	0.000	0.027	0.023	0.015	0.010	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-07	7.13E-01
606132	4122200	0.001	0.000	0.025	0.022	0.014	0.009	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-07	6.93E-01
606152	4122200	0.001	0.000	0.024	0.020	0.013	0.009	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-07	6.68E-01
606172	4122200	0.001	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-07	6.40E-01
606332	4122200	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.246	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-06	1.10E+00
606352	4122200	0.003	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.361	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-06	1.48E+00
606672	4122200	0.202	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-07	6.19E-01
606752	4122200	0.049	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-07	1.92E-01
606772	4122200	0.036	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-07	1.53E-01
606792	4122200	0.027	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606812	4122200	0.021	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606832	4122200	0.016	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.02E-08	9.02E-02
606852	4122200	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.85E-08	7.85E-02
606872	4122200	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.94E-08	6.94E-02
606892	4122200	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.22E-08	6.22E-02
605872	4122220	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-07	3.53E-01
605892	4122220	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-07	3.84E-01
605912	4122220	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-07	4.17E-01
605932	4122220	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-07	4.50E-01
605952	4122220	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-07	4.84E-01
605972	4122220	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-07	5.17E-01
605992	4122220	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-07	5.47E-01
606012	4122220	0.001	0.000	0.022	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-07	5.74E-01
606032	4122220	0.001	0.000	0.023	0.019	0.012	0.008	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-07	5.96E-01
606052	4122220	0.001	0.000	0.023	0.020	0.012	0.008	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-07	6.12E-01
606132	4122220	0.001	0.000	0.021	0.018	0.011	0.008	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-07	5.98E-01
606152	4122220	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-07	5.82E-01
606172	4122220	0.002	0.000	0.018	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-07	5.66E-01
606292	4122220	0.003	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.131	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-07	7.17E-01
606712	4122220	0.084	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-07	2.87E-01
606732	4122220	0.057	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-07	2.12E-01
606752	4122220	0.040	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606772	4122220	0.029	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	1.30E-01
606792	4122220	0.022	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
606812	4122220	0.017	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.09E-08	9.09E-02
605872	4122240	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-07	3.46E-01
605892	4122240	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-07	3.73E-01
605912	4122240	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-07	4.00E-01
605932	4122240	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-07	4.27E-01
605952	4122240	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-07	4.53E-01
605972	4122240	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-07	4.77E-01
605992	4122240	0.001	0.000	0.019	0.016	0.010	0.007	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-07	4.98E-01
606012	4122240	0.001	0.000	0.019	0.017	0.010	0.007	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-07	5.17E-01
606032	4122240	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-07	5.31E-01
606052	4122240	0.001	0.000	0.020	0.017	0.011	0.007	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	5.40E-07	5.40E-01
606132	4122240	0.001	0.000	0.018	0.015	0.010	0.007	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-07	5.29E-01
606152	4122240	0.002	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-07	5.20E-01
606192	4122240	0.002	0.000	0.015	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-07	5.11E-01
606292	4122240	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.128	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-07	6.81E-01
606312	4122240	0.004	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.161	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-07	7.74E-01
606332	4122240	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.196	0.000	0.000	0.000	0.000	0.000	0.000	8.80E-07	8.80E-01
606352	4122240	0.005	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.227	0.000	0.000	0.000	0.000	0.000	0.000	9.72E-07	9.72E-01
606392	4122240	0.007	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.235	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-07	9.75E-01
606412	4122240	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.214	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-07	8.92E-01
606452	4122240	0.013	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.136	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-07	6.06E-01
606472	4122240	0.017	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-07	4.59E-01
606712	4122240	0.064	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-07	2.30E-01
606732	4122240	0.043	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-07	1.69E-01
606752	4122240	0.030	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	1.32E-01
605852	4122260	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-07	3.13E-01
605872	4122260	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-07	3.35E-01
605892	4122260	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-07	3.57E-01
605912	4122260	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-07	3.79E-01
605932	4122260	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-07	4.00E-01
605952	4122260	0.001	0.000	0.016	0.013	0.009	0.006	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-07	4.19E-01
605972	4122260	0.001	0.000	0.016	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-07	4.37E-01
605992	4122260	0.001	0.000	0.017	0.014	0.009	0.006	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-07	4.52E-01
606012	4122260	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-07	4.64E-01
606032	4122260	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-07	4.73E-01
606052	4122260	0.001	0.000	0.017	0.015	0.009	0.006	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-07	4.79E-01
606132	4122260	0.002	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-07	4.78E-01
606152	4122260	0.002	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-07	4.74E-01
606172	4122260	0.002	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-07	4.72E-01
606192	4122260	0.002	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-07	4.76E-01
606212	4122260	0.002	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-07	4.86E-01
606292	4122260	0.004	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.117	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-07	6.20E-01
606312	4122260	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.137	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-07	6.72E-01
606332	4122260	0.005	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.154	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-07	7.17E-01
606352	4122260	0.006	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.165	0.000	0.000	0.000	0.000	0.000	0.000	7.43E-07	7.43E-01
606392	4122260	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.157	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-07	6.91E-01
606412	4122260	0.010	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-07	6.21E-01
606452	4122260	0.017	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-07	4.43E-01
606472	4122260	0.022	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-07	3.67E-01

606712	4122260	0.043	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	1.70E-01
605852	4122280	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
605872	4122280	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-07	3.21E-01
605892	4122280	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-07	3.38E-01
605912	4122280	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-07	3.57E-01
605932	4122280	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-07	3.74E-01
605952	4122280	0.001	0.000	0.014	0.012	0.008	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.89E-07	3.89E-01
605972	4122280	0.001	0.000	0.015	0.013	0.008	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-07	4.02E-01
605992	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-07	4.12E-01
606012	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-07	4.21E-01
606032	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-07	4.27E-01
606052	4122280	0.001	0.000	0.015	0.013	0.008	0.006	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-07	4.32E-01
606172	4122280	0.002	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-07	4.38E-01
606192	4122280	0.002	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-07	4.44E-01
606212	4122280	0.003	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-07	4.55E-01
606232	4122280	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-07	4.71E-01
606292	4122280	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.102	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-07	5.46E-01
606312	4122280	0.005	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-07	5.70E-01
606332	4122280	0.006	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-07	5.83E-01
606352	4122280	0.007	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.123	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-07	5.82E-01
606372	4122280	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.119	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-07	5.61E-01
606392	4122280	0.010	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.110	0.000	0.000	0.000	0.000	0.000	0.000	5.21E-07	5.21E-01
606412	4122280	0.013	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-07	4.70E-01
606432	4122280	0.016	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-07	4.13E-01
606452	4122280	0.021	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-07	3.60E-01
606472	4122280	0.028	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-07	3.19E-01
606492	4122280	0.038	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-07	2.98E-01
606512	4122280	0.053	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-07	3.02E-01
606532	4122280	0.076	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-07	3.37E-01
606552	4122280	0.113	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-07	4.14E-01
606572	4122280	0.170	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-07	5.47E-01
606892	4122280	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-08	4.25E-02
606912	4122280	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-08	3.96E-02
605632	4122300	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
605652	4122300	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
605672	4122300	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
605692	4122300	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-07	1.78E-01
605852	4122300	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-07	2.93E-01
605872	4122300	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-07	3.07E-01
605892	4122300	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-07	3.20E-01
605912	4122300	0.001	0.000	0.012	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-07	3.35E-01
605932	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-07	3.49E-01
605952	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-07	3.61E-01
605972	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-07	3.70E-01
605992	4122300	0.001	0.000	0.013	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-07	3.78E-01
606012	4122300	0.001	0.000	0.014	0.012	0.007	0.005	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-07	3.84E-01
606032	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-07	3.90E-01
606052	4122300	0.001	0.000	0.013	0.011	0.007	0.005	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-07	3.94E-01
606292	4122300	0.005	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000	0.000	0.000	4.75E-07	4.75E-01
606312	4122300	0.006	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.091	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-07	4.81E-01
606332	4122300	0.007	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-07	4.79E-01
606352	4122300	0.008	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-07	4.68E-01
606392	4122300	0.012	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-07	4.14E-01
606412	4122300	0.015	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-07	3.78E-01
606432	4122300	0.019	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-07	3.42E-01
606452	4122300	0.024	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-07	3.10E-01
606472	4122300	0.032	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-07	2.88E-01
606492	4122300	0.042	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-07	2.81E-01
606512	4122300	0.057	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-07	2.93E-01
606832	4122300	0.005	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-08	4.91E-02
606852	4122300	0.005	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-08	4.53E-02
606872	4122300	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-08	4.22E-02
606892	4122300	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-08	3.94E-02
606912	4122300	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-08	3.69E-02
605632	4122320	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
605652	4122320	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01
605672	4122320	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-07	1.68E-01
605692	4122320	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-07	1.79E-01
605772	4122320	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-07	2.28E-01
605792	4122320	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-07	2.42E-01
605852	4122320	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-07	2.81E-01
605872	4122320	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-07	2.92E-01
605892	4122320	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-07	3.03E-01
605912	4122320	0.001	0.000	0.011	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-07	3.14E-01
605932	4122320	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-07	3.26E-01
605952	4122320	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-07	3.36E-01
605972	4122320	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-07	3.42E-01
605992	4122320	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-07	3.48E-01
606012	4122320	0.001	0.000	0.012	0.010	0.007	0.004	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-07	3.53E-01
606032	4122320	0.001	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-07	3.57E-01
606392	4122320	0.014	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-07	3.44E-01
606412	4122320	0.017	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-07	3.19E-01
606432	4122320	0.021	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-07	2.96E-01
606452	4122320	0.027	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-07	2.76E-01
606472	4122320	0.034	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-07	2.65E-01
606752	4122320	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.43E-08	6.43E-02
606772	4122320	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-08	5.80E-02
606792	4122320	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-08	5.29E-02
606812	4122320	0.005	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-08	4.87E-02
606832	4122320	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	4.51E-02
606852	4122320	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	4.19E-02
606872	4122320	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
606892	4122320	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02

606912	4122320	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-08	3.47E-02
605632	4122340	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605652	4122340	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
605672	4122340	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-07	1.69E-01
605692	4122340	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-07	1.79E-01
605712	4122340	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-07	1.90E-01
605732	4122340	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-07	2.00E-01
605752	4122340	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-07	2.11E-01
605772	4122340	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-07	2.23E-01
605792	4122340	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-07	2.34E-01
605812	4122340	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-07	2.46E-01
605832	4122340	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-07	2.57E-01
605852	4122340	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-07	2.68E-01
605872	4122340	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-07	2.77E-01
605892	4122340	0.001	0.000	0.010	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-07	2.86E-01
605912	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-07	2.95E-01
605932	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-07	3.04E-01
605952	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-07	3.12E-01
605972	4122340	0.001	0.000	0.011	0.009	0.006	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-07	3.17E-01
606692	4122340	0.013	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.29E-08	8.29E-02
606712	4122340	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.21E-08	7.21E-02
606732	4122340	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-08	6.40E-02
606752	4122340	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-08	5.79E-02
606772	4122340	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.28E-08	5.28E-02
606792	4122340	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-08	4.87E-02
606812	4122340	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	4.51E-02
606832	4122340	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	4.20E-02
606852	4122340	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
606872	4122340	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
606892	4122340	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-08	3.47E-02
606912	4122340	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	3.28E-02
605632	4122360	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
605652	4122360	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
605672	4122360	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-07	1.68E-01
605692	4122360	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-07	1.78E-01
605712	4122360	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-07	1.88E-01
605732	4122360	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-07	1.97E-01
605752	4122360	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-07	2.07E-01
605772	4122360	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-07	2.16E-01
605792	4122360	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-07	2.26E-01
605812	4122360	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-07	2.35E-01
605832	4122360	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-07	2.45E-01
605852	4122360	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-07	2.54E-01
605872	4122360	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-07	2.62E-01
605892	4122360	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-07	2.70E-01
605912	4122360	0.001	0.000	0.010	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-07	2.77E-01
605952	4122360	0.001	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-07	2.91E-01
606632	4122360	0.026	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
606652	4122360	0.019	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606672	4122360	0.014	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-08	8.53E-02
606692	4122360	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-08	7.35E-02
606712	4122360	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.51E-08	6.51E-02
606732	4122360	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-08	5.83E-02
606772	4122360	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-08	4.88E-02
606792	4122360	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-08	4.52E-02
606812	4122360	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	4.20E-02
606832	4122360	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-08	3.93E-02
606852	4122360	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-08	3.69E-02
606872	4122360	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-08	3.47E-02
606892	4122360	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	3.28E-02
606912	4122360	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-08	3.11E-02
605632	4122380	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
605652	4122380	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
605672	4122380	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
605692	4122380	0.001	0.000	0.006	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
605712	4122380	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.85E-01
605732	4122380	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-07	1.93E-01
605752	4122380	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-07	2.01E-01
605772	4122380	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-07	2.10E-01
605792	4122380	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-07	2.18E-01
605812	4122380	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-07	2.26E-01
605832	4122380	0.001	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-07	2.34E-01
605852	4122380	0.001	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-07	2.42E-01
605872	4122380	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-07	2.49E-01
605892	4122380	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-07	2.55E-01
605912	4122380	0.001	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-07	2.60E-01
606572	4122380	0.033	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01
606592	4122380	0.030	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
606612	4122380	0.025	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-07	1.23E-01
606632	4122380	0.019	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606652	4122380	0.015	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.85E-08	8.85E-02
606752	4122380	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-08	4.93E-02
606772	4122380	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-08	4.54E-02
606792	4122380	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-08	4.22E-02
606812	4122380	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-08	3.94E-02
606832	4122380	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-08	3.70E-02
606852	4122380	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606872	4122380	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
606892	4122380	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-08	3.12E-02
605632	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
605652	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-07	1.58E-01
605672	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
605692	4122400	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-07	1.73E-01

605712	4122400	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-07	1.81E-01
605732	4122400	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
605752	4122400	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-07	1.95E-01
605772	4122400	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-07	2.03E-01
605792	4122400	0.001	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-07	2.10E-01
605812	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-07	2.17E-01
605832	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
605852	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-07	2.30E-01
605872	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-07	2.35E-01
605892	4122400	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-07	2.41E-01
605912	4122400	0.001	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-07	2.46E-01
605932	4122400	0.001	0.000	0.008	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-07	2.51E-01
606512	4122400	0.028	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-07	1.61E-01
606532	4122400	0.027	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606552	4122400	0.026	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
606572	4122400	0.025	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	1.30E-01
606592	4122400	0.022	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
606692	4122400	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.13E-08	6.13E-02
606712	4122400	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-08	5.51E-02
606732	4122400	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-08	5.01E-02
606752	4122400	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-08	4.61E-02
606772	4122400	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-08	4.26E-02
606792	4122400	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-08	3.97E-02
606812	4122400	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	3.72E-02
606832	4122400	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-08	3.50E-02
605632	4122420	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605652	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
605672	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
605692	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	1.70E-01
605712	4122420	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
605732	4122420	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-07	1.84E-01
605752	4122420	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
605772	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	1.96E-01
605792	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-07	2.02E-01
605812	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-07	2.08E-01
605832	4122420	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-07	2.14E-01
605852	4122420	0.001	0.000	0.008	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
605872	4122420	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
605892	4122420	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-07	2.29E-01
605912	4122420	0.001	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-07	2.33E-01
606452	4122420	0.020	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-07	1.64E-01
606472	4122420	0.021	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
606492	4122420	0.022	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606512	4122420	0.022	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
606532	4122420	0.021	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606552	4122420	0.020	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
606632	4122420	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-08	8.03E-02
606652	4122420	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-08	7.10E-02
606672	4122420	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-08	6.33E-02
606692	4122420	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.67E-08	5.67E-02
606712	4122420	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-08	5.14E-02
606732	4122420	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606752	4122420	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-08	4.33E-02
606772	4122420	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-08	4.02E-02
606852	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-08	3.15E-02
606872	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-08	2.98E-02
606892	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.84E-02
606912	4122420	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-08	2.71E-02
605632	4122440	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
605652	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
605672	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
605692	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
605712	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-07	1.72E-01
605732	4122440	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-07	1.78E-01
605752	4122440	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-07	1.83E-01
605772	4122440	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
605792	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-07	1.94E-01
605812	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-07	2.00E-01
605832	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-07	2.05E-01
605852	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-07	2.09E-01
605872	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-07	2.13E-01
605892	4122440	0.001	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-07	2.17E-01
606452	4122440	0.017	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
606472	4122440	0.018	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
606492	4122440	0.018	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606552	4122440	0.016	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606612	4122440	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.05E-08	8.05E-02
606632	4122440	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-08	7.23E-02
606652	4122440	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-08	6.49E-02
606672	4122440	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.85E-08	5.85E-02
606692	4122440	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-08	5.29E-02
606712	4122440	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	4.82E-02
606732	4122440	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-08	4.43E-02
606812	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-08	3.36E-02
606832	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-08	3.17E-02
606852	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-08	3.01E-02
606872	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-08	2.86E-02
606892	4122440	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02
606912	4122440	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
605632	4122460	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-07	1.45E-01
605652	4122460	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
605672	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
605692	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-07	1.62E-01

605712	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-07	1.67E-01
605732	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-07	1.72E-01
605752	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-07	1.78E-01
605772	4122460	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-07	1.82E-01
605792	4122460	0.001	0.000	0.006	0.006	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-07	1.87E-01
605812	4122460	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-07	1.91E-01
605832	4122460	0.001	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	1.96E-01
606392	4122460	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
606412	4122460	0.014	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
606432	4122460	0.014	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606552	4122460	0.013	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-08	9.41E-02
606572	4122460	0.012	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.69E-08	8.69E-02
606592	4122460	0.011	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.97E-08	7.97E-02
606612	4122460	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.27E-08	7.27E-02
606632	4122460	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-08	6.60E-02
606652	4122460	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-08	5.99E-02
606672	4122460	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-08	5.44E-02
606752	4122460	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
606772	4122460	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02
606792	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606812	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	3.21E-02
606832	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
606852	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.88E-02
606872	4122460	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-08	2.74E-02
606892	4122460	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
606912	4122460	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
606332	4122480	0.010	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-07	1.58E-01
606352	4122480	0.011	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	1.52E-01
606372	4122480	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
606392	4122480	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-07	1.40E-01
606412	4122480	0.012	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
606432	4122480	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-07	1.27E-01
606452	4122480	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606472	4122480	0.013	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606512	4122480	0.012	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.81E-08	9.81E-02
606532	4122480	0.011	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-08	9.13E-02
606552	4122480	0.011	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.49E-08	8.49E-02
606572	4122480	0.010	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-08	7.87E-02
606592	4122480	0.009	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.25E-08	7.25E-02
606612	4122480	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-08	6.66E-02
606672	4122480	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-08	5.09E-02
606692	4122480	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-08	4.67E-02
606712	4122480	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-08	4.31E-02
606732	4122480	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	3.99E-02
606752	4122480	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	3.72E-02
606772	4122480	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-08	3.48E-02
606792	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	3.27E-02
606812	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-08	3.08E-02
606832	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
606852	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
606872	4122480	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-08	2.64E-02
606892	4122480	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.52E-02
606912	4122480	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
606332	4122500	0.009	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606372	4122500	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
606392	4122500	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
606412	4122500	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606432	4122500	0.011	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
606472	4122500	0.011	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606492	4122500	0.010	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.55E-08	9.55E-02
606512	4122500	0.010	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-08	8.94E-02
606532	4122500	0.010	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-08	8.35E-02
606632	4122500	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-08	5.66E-02
606652	4122500	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.20E-08	5.20E-02
606672	4122500	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-08	4.78E-02
606692	4122500	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.42E-08	4.42E-02
606712	4122500	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	4.09E-02
606732	4122500	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-08	3.81E-02
606752	4122500	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-08	3.55E-02
606772	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-08	3.33E-02
606792	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
606812	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-08	2.96E-02
606832	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
606852	4122500	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606872	4122500	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
606892	4122500	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	2.43E-02
606912	4122500	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606272	4122520	0.007	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
606292	4122520	0.008	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
606392	4122520	0.009	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
606412	4122520	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606432	4122520	0.010	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606472	4122520	0.009	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-08	9.35E-02
606552	4122520	0.008	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.16E-08	7.16E-02
606572	4122520	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-08	6.66E-02
606592	4122520	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-08	6.19E-02
606612	4122520	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-08	5.73E-02
606632	4122520	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-08	5.30E-02
606652	4122520	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-08	4.89E-02
606672	4122520	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-08	4.52E-02
606692	4122520	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	4.19E-02
606712	4122520	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
606732	4122520	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02

606752	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606772	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	3.21E-02
606792	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-08	3.02E-02
606812	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-08	2.86E-02
606832	4122520	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-08	2.71E-02
606852	4122520	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	2.58E-02
606872	4122520	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606892	4122520	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606272	4122540	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606292	4122540	0.007	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606312	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-07	1.27E-01
606332	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-07	1.23E-01
606352	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
606372	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606392	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606412	4122540	0.008	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
606432	4122540	0.008	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.71E-08	9.71E-02
606492	4122540	0.008	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.09E-08	8.09E-02
606512	4122540	0.007	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-08	7.58E-02
606532	4122540	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-08	7.10E-02
606552	4122540	0.007	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.63E-08	6.63E-02
606572	4122540	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-08	6.19E-02
606592	4122540	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-08	5.77E-02
606612	4122540	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-08	5.36E-02
606632	4122540	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-08	4.98E-02
606652	4122540	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-08	4.62E-02
606672	4122540	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	4.29E-02
606692	4122540	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	3.99E-02
606712	4122540	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-08	3.73E-02
606732	4122540	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606752	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	3.28E-02
606772	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-08	3.09E-02
606792	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
606812	4122540	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-08	2.76E-02
606832	4122540	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
606852	4122540	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
606872	4122540	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
606892	4122540	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-08	2.28E-02
605632	4122560	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
605652	4122560	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
605672	4122560	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
605692	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
605712	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
605732	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
605752	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
605772	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605792	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
605812	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-07	1.52E-01
605832	4122560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
605852	4122560	0.002	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
606292	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606312	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
606332	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606352	4122560	0.007	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
606492	4122560	0.007	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-08	7.50E-02
606512	4122560	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-08	7.04E-02
606532	4122560	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-08	6.60E-02
606552	4122560	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.18E-08	6.18E-02
606572	4122560	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.78E-08	5.78E-02
606592	4122560	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.40E-08	5.40E-02
606612	4122560	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-08	5.04E-02
606632	4122560	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606652	4122560	0.004	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-08	4.38E-02
606672	4122560	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-08	4.08E-02
606692	4122560	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-08	3.81E-02
606712	4122560	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	3.57E-02
606732	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-08	3.35E-02
606752	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-08	3.15E-02
606772	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-08	2.98E-02
606792	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
606812	4122560	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606832	4122560	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
606852	4122560	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-08	2.42E-02
606872	4122560	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
605632	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
605652	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
605672	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
605692	4122580	0.001	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
605712	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
605732	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
605752	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01
605772	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
605792	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
605812	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
605832	4122580	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01
605852	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
605872	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605892	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
605912	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
605932	4122580	0.002	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606252	4122580	0.006	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606272	4122580	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
606292	4122580	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01

606312	4122580	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
606472	4122580	0.006	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-08	7.41E-02
606492	4122580	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.98E-08	6.98E-02
606512	4122580	0.006	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-08	6.56E-02
606532	4122580	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.18E-08	6.18E-02
606552	4122580	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-08	5.79E-02
606572	4122580	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.43E-08	5.43E-02
606592	4122580	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-08	5.09E-02
606612	4122580	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-08	4.76E-02
606632	4122580	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-08	4.45E-02
606652	4122580	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-08	4.16E-02
606672	4122580	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
606692	4122580	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-08	3.65E-02
606712	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-08	3.42E-02
606732	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-08	3.22E-02
606752	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
606772	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.88E-02
606792	4122580	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
606812	4122580	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-08	2.59E-02
606832	4122580	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606852	4122580	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606992	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
607012	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
607032	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
607052	4122580	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605932	4122600	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
606252	4122600	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606272	4122600	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
606292	4122600	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606312	4122600	0.006	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606412	4122600	0.006	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-08	8.17E-02
606432	4122600	0.006	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.75E-08	7.75E-02
606452	4122600	0.006	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.34E-08	7.34E-02
606472	4122600	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-08	6.93E-02
606492	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-08	6.53E-02
606512	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-08	6.16E-02
606532	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-08	5.80E-02
606552	4122600	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-08	5.46E-02
606572	4122600	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-08	5.13E-02
606592	4122600	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-08	4.81E-02
606612	4122600	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.52E-08	4.52E-02
606632	4122600	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-08	4.23E-02
606652	4122600	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-08	3.97E-02
606672	4122600	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	3.72E-02
606692	4122600	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-08	3.50E-02
606712	4122600	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-08	3.30E-02
606992	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
607012	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
607032	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
607052	4122600	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
605632	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
605652	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
605672	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-07	1.23E-01
605692	4122620	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
605712	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
605752	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	1.30E-01
605772	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
605792	4122620	0.001	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	1.32E-01
605812	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
605832	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
605852	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
605872	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
605892	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
605932	4122620	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
606232	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606252	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606272	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606292	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.81E-08	9.81E-02
606312	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-08	9.47E-02
606352	4122620	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.76E-08	8.76E-02
606372	4122620	0.005	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-08	8.39E-02
606412	4122620	0.005	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-08	7.63E-02
606432	4122620	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.25E-08	7.25E-02
606452	4122620	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-08	6.88E-02
606472	4122620	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.51E-08	6.51E-02
606492	4122620	0.005	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-08	6.14E-02
606512	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-08	5.79E-02
606532	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-08	5.46E-02
606552	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-08	5.15E-02
606572	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-08	4.85E-02
606592	4122620	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-08	4.57E-02
606612	4122620	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-08	4.30E-02
606632	4122620	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-08	4.04E-02
606652	4122620	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.80E-08	3.80E-02
606672	4122620	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	3.57E-02
606692	4122620	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-08	3.37E-02
606992	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
607012	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
607032	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
607052	4122620	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605632	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
605652	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
605672	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	1.19E-01

605692	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
605712	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605752	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-07	1.24E-01
605772	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
605792	4122640	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
605812	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-07	1.27E-01
605832	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-07	1.27E-01
605852	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
605872	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
605892	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
605932	4122640	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
606232	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606252	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.81E-08	9.81E-02
606272	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-08	9.50E-02
606292	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-08	9.18E-02
606312	4122640	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-08	8.86E-02
606352	4122640	0.005	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-08	8.19E-02
606412	4122640	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.15E-08	7.15E-02
606432	4122640	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.80E-08	6.80E-02
606452	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.46E-08	6.46E-02
606472	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-08	6.12E-02
606492	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-08	5.79E-02
606512	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-08	5.47E-02
606532	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-08	5.17E-02
606552	4122640	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-08	4.88E-02
606572	4122640	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-08	4.61E-02
606592	4122640	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-08	4.34E-02
606612	4122640	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	4.09E-02
606632	4122640	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-08	3.86E-02
606652	4122640	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02
606672	4122640	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-08	3.43E-02
606732	4122640	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.90E-02
606752	4122640	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-08	2.75E-02
606772	4122640	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
606852	4122640	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606872	4122640	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606992	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
607012	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
607032	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
607052	4122640	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605632	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
605652	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
605672	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
605692	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
605712	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-07	1.17E-01
605752	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	1.19E-01
605772	4122660	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
605792	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
605812	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
605832	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605852	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605872	4122660	0.002	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605892	4122660	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
605932	4122660	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
606252	4122660	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.20E-08	9.20E-02
606272	4122660	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-08	8.91E-02
606292	4122660	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.61E-08	8.61E-02
606312	4122660	0.005	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.31E-08	8.31E-02
606352	4122660	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-08	7.69E-02
606412	4122660	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-08	6.72E-02
606432	4122660	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-08	6.40E-02
606452	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.08E-08	6.08E-02
606472	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-08	5.77E-02
606492	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-08	5.48E-02
606512	4122660	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-08	5.18E-02
606532	4122660	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.90E-08	4.90E-02
606552	4122660	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-08	4.64E-02
606572	4122660	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-08	4.39E-02
606592	4122660	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-08	4.14E-02
606612	4122660	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-08	3.91E-02
606632	4122660	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-08	3.70E-02
606652	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606672	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-08	3.30E-02
606712	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-08	2.96E-02
606732	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
606752	4122660	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606772	4122660	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
606792	4122660	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-08	2.42E-02
606832	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
606852	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
606872	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	2.02E-02
606892	4122660	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606992	4122660	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
607012	4122660	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
607032	4122660	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605632	4122680	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
605652	4122680	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
605672	4122680	0.001	0.000	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605852	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
605872	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
605892	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-07	1.16E-01
605932	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
605952	4122680	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01

605972	4122680	0.003	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606252	4122680	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-08	8.64E-02
606272	4122680	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.37E-08	8.37E-02
606312	4122680	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.81E-08	7.81E-02
606352	4122680	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-08	7.23E-02
606372	4122680	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-08	6.93E-02
606392	4122680	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.64E-08	6.64E-02
606412	4122680	0.004	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-08	6.33E-02
606432	4122680	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.04E-08	6.04E-02
606452	4122680	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.75E-08	5.75E-02
606472	4122680	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-08	5.47E-02
606492	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-08	5.19E-02
606512	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-08	4.92E-02
606532	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.66E-08	4.66E-02
606552	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.42E-08	4.42E-02
606572	4122680	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	4.19E-02
606592	4122680	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-08	3.96E-02
606612	4122680	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	3.75E-02
606632	4122680	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-08	3.54E-02
606652	4122680	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-08	3.35E-02
606732	4122680	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02
606752	4122680	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	2.58E-02
606772	4122680	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606792	4122680	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606812	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-08	2.25E-02
606832	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606852	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
606872	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606892	4122680	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
606992	4122680	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
607012	4122680	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
607032	4122680	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
605632	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
605652	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
605672	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
605692	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
605712	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
605752	4122700	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605772	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605792	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605812	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
605852	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
605872	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605892	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
605932	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
605952	4122700	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
605972	4122700	0.003	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
605992	4122700	0.003	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606012	4122700	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606032	4122700	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606112	4122700	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.72E-08	9.72E-02
606132	4122700	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.52E-08	9.52E-02
606412	4122700	0.004	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.98E-08	5.98E-02
606432	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-08	5.71E-02
606452	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-08	5.45E-02
606472	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-08	5.18E-02
606492	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-08	4.93E-02
606512	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-08	4.68E-02
606532	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-08	4.44E-02
606552	4122700	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-08	4.22E-02
606572	4122700	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	4.00E-02
606592	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-08	3.79E-02
606612	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-08	3.59E-02
606632	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606652	4122700	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	3.23E-02
606732	4122700	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.63E-02
606752	4122700	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	2.51E-02
606772	4122700	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.39E-02
606792	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-08	2.29E-02
606812	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
606832	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.09E-02
606852	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	2.01E-02
606872	4122700	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
605632	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
605652	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
605672	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605692	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
605712	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
605752	4122720	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
605812	4122720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
605872	4122720	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
605892	4122720	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
605952	4122720	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
605972	4122720	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
605992	4122720	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606112	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-08	9.18E-02
606132	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	8.98E-08	8.98E-02
606152	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-08	8.78E-02
606172	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.58E-08	8.58E-02
606192	4122720	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.37E-08	8.37E-02
606212	4122720	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-08	8.15E-02
606232	4122720	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-08	7.92E-02
606252	4122720	0.004	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.68E-08	7.68E-02

606272	4122720	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-08	7.44E-02
606292	4122720	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-08	7.20E-02
606312	4122720	0.004	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.95E-08	6.95E-02
606352	4122720	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-08	6.44E-02
606372	4122720	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-08	6.19E-02
606412	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.67E-08	5.67E-02
606432	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-08	5.42E-02
606452	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-08	5.17E-02
606472	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-08	4.93E-02
606492	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606512	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-08	4.47E-02
606532	4122720	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-08	4.25E-02
606552	4122720	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-08	4.04E-02
606572	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-08	3.83E-02
606592	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02
606612	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-08	3.45E-02
606632	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	3.28E-02
606652	4122720	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-08	3.12E-02
606732	4122720	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-08	2.55E-02
606752	4122720	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	2.44E-02
606772	4122720	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606792	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
606812	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	2.13E-02
606832	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
606852	4122720	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
607032	4122720	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605632	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.74E-08	9.74E-02
605652	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-08	9.83E-02
605672	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-08	9.90E-02
605692	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.97E-08	9.97E-02
605712	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
605752	4122740	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
605812	4122740	0.002	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
605872	4122740	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-07	1.00E-01
605892	4122740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.97E-08	9.97E-02
605952	4122740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-08	9.76E-02
605972	4122740	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.66E-08	9.66E-02
605992	4122740	0.003	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-08	9.56E-02
606112	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.68E-08	8.68E-02
606132	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.49E-08	8.49E-02
606152	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.30E-08	8.30E-02
606172	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.11E-08	8.11E-02
606192	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.91E-08	7.91E-02
606212	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.70E-08	7.70E-02
606232	4122740	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-08	7.48E-02
606252	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.26E-08	7.26E-02
606272	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-08	7.04E-02
606292	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-08	6.81E-02
606312	4122740	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.57E-08	6.57E-02
606352	4122740	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-08	6.10E-02
606392	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-08	5.63E-02
606412	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-08	5.38E-02
606432	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-08	5.15E-02
606452	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-08	4.92E-02
606472	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606492	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-08	4.48E-02
606512	4122740	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-08	4.27E-02
606532	4122740	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-08	4.06E-02
606552	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	3.87E-02
606572	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
606592	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-08	3.50E-02
606612	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-08	3.33E-02
606632	4122740	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
606732	4122740	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
606752	4122740	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
606772	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
606792	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606812	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606832	4122740	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	1.99E-02
606952	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
606972	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
606992	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
607012	4122740	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
607032	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
607052	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
605632	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-08	9.41E-02
605652	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-08	9.48E-02
605672	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.55E-08	9.55E-02
605692	4122760	0.001	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.60E-08	9.60E-02
605712	4122760	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-08	9.64E-02
605752	4122760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-08	9.69E-02
605772	4122760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-08	9.69E-02
605812	4122760	0.002	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-08	9.67E-02
605832	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-08	9.64E-02
605872	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-08	9.56E-02
605892	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-08	9.50E-02
605912	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.44E-08	9.44E-02
605952	4122760	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-08	9.28E-02
605972	4122760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-08	9.18E-02
605992	4122760	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.08E-08	9.08E-02
606112	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.22E-08	8.22E-02
606132	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.04E-08	8.04E-02
606152	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.86E-08	7.86E-02

606172	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-08	7.67E-02
606192	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-08	7.48E-02
606212	4122760	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.28E-08	7.28E-02
606232	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.08E-08	7.08E-02
606252	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-08	6.87E-02
606272	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-08	6.66E-02
606292	4122760	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.45E-08	6.45E-02
606312	4122760	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-08	6.23E-02
606352	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-08	5.79E-02
606392	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-08	5.35E-02
606412	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-08	5.12E-02
606432	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-08	4.91E-02
606452	4122760	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606472	4122760	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-08	4.49E-02
606492	4122760	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	4.29E-02
606512	4122760	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-08	4.08E-02
606532	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
606552	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-08	3.71E-02
606572	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-08	3.54E-02
606592	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-08	3.37E-02
606612	4122760	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	3.21E-02
606732	4122760	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
606752	4122760	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	2.30E-02
606772	4122760	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
606792	4122760	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
606812	4122760	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	2.03E-02
606952	4122760	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
606972	4122760	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606992	4122760	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
607012	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.42E-02
607032	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
607052	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
605632	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.09E-08	9.09E-02
605652	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-08	9.15E-02
605672	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.20E-08	9.20E-02
605692	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.24E-08	9.24E-02
605712	4122780	0.001	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-08	9.27E-02
605752	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-08	9.29E-02
605772	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-08	9.29E-02
605792	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-08	9.28E-02
605812	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-08	9.25E-02
605872	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.13E-08	9.13E-02
605892	4122780	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.06E-08	9.06E-02
605912	4122780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-08	9.00E-02
605952	4122780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-08	8.83E-02
605992	4122780	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-08	8.63E-02
606112	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.79E-08	7.79E-02
606132	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.62E-08	7.62E-02
606152	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.45E-08	7.45E-02
606172	4122780	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.28E-08	7.28E-02
606192	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.09E-08	7.09E-02
606212	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-08	6.91E-02
606232	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-08	6.72E-02
606252	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.52E-08	6.52E-02
606272	4122780	0.003	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-08	6.32E-02
606292	4122780	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-08	6.12E-02
606312	4122780	0.003	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-08	5.92E-02
606352	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.50E-08	5.50E-02
606372	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-08	5.30E-02
606392	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-08	5.09E-02
606412	4122780	0.003	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-08	4.89E-02
606432	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-08	4.69E-02
606452	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-08	4.49E-02
606472	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	4.29E-02
606492	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-08	4.10E-02
606512	4122780	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
606532	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-08	3.74E-02
606552	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	3.57E-02
606572	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-08	3.40E-02
606592	4122780	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-08	3.25E-02
606852	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02
606872	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
606892	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
606912	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
606932	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
606952	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
606972	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
606992	4122780	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
607012	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
607032	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
607052	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
605632	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-08	8.78E-02
605652	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-08	8.83E-02
605672	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-08	8.86E-02
605692	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.90E-08	8.90E-02
605712	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-08	8.91E-02
605732	4122800	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-08	8.92E-02
605772	4122800	0.002	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-08	8.91E-02
605872	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.72E-08	8.72E-02
605892	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.65E-08	8.65E-02
605912	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.58E-08	8.58E-02
605952	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-08	8.41E-02
605992	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-08	8.21E-02

606032	4122800	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.97E-08	7.97E-02
606112	4122800	0.003	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-08	7.40E-02
606352	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-08	5.25E-02
606372	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	5.05E-02
606392	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-08	4.86E-02
606412	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-08	4.67E-02
606432	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-08	4.48E-02
606452	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	4.29E-02
606472	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-08	4.11E-02
606492	4122800	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-08	3.94E-02
606512	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-08	3.76E-02
606532	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-08	3.60E-02
606552	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-08	3.44E-02
606572	4122800	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	3.28E-02
606672	4122800	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
606692	4122800	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
606712	4122800	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
606732	4122800	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
606752	4122800	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-08	2.18E-02
606852	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	1.79E-02
606872	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
606892	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
606912	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606932	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
606952	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606972	4122800	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
606992	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
607012	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
607032	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
607052	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605632	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-08	8.48E-02
605652	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-08	8.52E-02
605672	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-08	8.54E-02
605692	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-08	8.56E-02
605712	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-08	8.57E-02
605732	4122820	0.001	0.000	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-08	8.57E-02
605832	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.44E-08	8.44E-02
605852	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-08	8.39E-02
605872	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.33E-08	8.33E-02
605892	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.26E-08	8.26E-02
605912	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-08	8.19E-02
605952	4122820	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.02E-08	8.02E-02
606672	4122820	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.52E-02
606692	4122820	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
606712	4122820	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
606732	4122820	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
606752	4122820	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-08	2.12E-02
606852	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606872	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606892	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
606912	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
606932	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606952	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
606972	4122820	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
606992	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
607012	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
607032	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.31E-02
607052	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605632	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-08	8.19E-02
605652	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.22E-08	8.22E-02
605672	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.23E-08	8.23E-02
605692	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.24E-08	8.24E-02
605712	4122840	0.001	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-08	8.25E-02
605792	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.17E-08	8.17E-02
605812	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-08	8.13E-02
605832	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.08E-08	8.08E-02
605852	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	8.02E-08	8.02E-02
605872	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-08	7.96E-02
605892	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-08	7.90E-02
605912	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.82E-08	7.82E-02
606092	4122840	0.002	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.84E-08	6.84E-02
606112	4122840	0.002	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-08	6.71E-02
606192	4122840	0.002	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.11E-08	6.11E-02
606212	4122840	0.002	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-08	5.95E-02
606252	4122840	0.002	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-08	5.63E-02
606272	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-08	5.46E-02
606292	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-08	5.29E-02
606312	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-08	5.12E-02
606332	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-08	4.95E-02
606352	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-08	4.78E-02
606372	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-08	4.62E-02
606392	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-08	4.45E-02
606412	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.28E-08	4.28E-02
606432	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-08	4.11E-02
606452	4122840	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-08	3.95E-02
606672	4122840	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	2.45E-02
606692	4122840	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606712	4122840	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-08	2.25E-02
606732	4122840	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	2.16E-02
606752	4122840	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-08	2.07E-02
606852	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
606872	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
606892	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02

606912	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606932	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
606952	4122840	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
606972	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
606992	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
607012	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
607032	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
607052	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
606158	4121900	0.000	0.000	0.076	0.065	0.041	0.028	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-06	1.89E+00
606169	4121883	0.000	0.000	0.063	0.054	0.034	0.023	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-06	1.57E+00
606132	4121801	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-07	1.61E-01
606385	4122113	0.002	0.000	0.012	0.010	0.006	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-07	2.95E-01
606405	4122113	0.002	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-07	2.53E-01
606425	4122113	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-07	2.19E-01
606445	4122113	0.002	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-07	1.97E-01
606465	4122113	0.003	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-07	1.74E-01
606385	4122133	0.002	0.000	0.010	0.009	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-07	2.52E-01
606405	4122133	0.002	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-07	2.22E-01
606425	4122133	0.003	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-07	1.95E-01
606445	4122133	0.003	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-07	1.76E-01
606465	4122133	0.003	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01
606385	4122153	0.003	0.000	0.009	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-07	2.24E-01
606405	4122153	0.003	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-07	2.04E-01
606425	4122153	0.003	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-07	1.80E-01
606445	4122153	0.004	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-07	1.61E-01
606465	4122153	0.004	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-07	1.45E-01
606385	4122173	0.003	0.000	0.008	0.007	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-07	2.09E-01
606405	4122173	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-07	1.86E-01
606425	4122173	0.004	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
606445	4122173	0.005	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01
606465	4122173	0.006	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606385	4122193	0.004	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-07	1.89E-01
606405	4122193	0.005	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-07	1.71E-01
606425	4122193	0.005	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01
606445	4122193	0.006	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01
606465	4122193	0.008	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	1.32E-01

Kaiser San José
Construction Health Risk Calculations - Worker Mitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

					Start Date	10/1/2024	Days		DPM		$PM_{2.5}$	
					Stop Date	7/16/2028			Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Source	AERMOD Source	Year	Start Date	End Date	Calendar Days	Age 16<70	Exposure Duration	Workdays	Tier 4F	Tier 4F	Tier 4F	Tier 4F
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	91	91	91	66	0.00	0.000	0.00	0.000
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	91	91	91	66	0.00	0.000	0.00	0.000
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	331	331	331	238	0.01	0.001	0.01	0.001
	PAREA1	2026	1/1/2026	12/31/2026	364	364	364	261	0.01	0.001	0.01	0.001
	PAREA1	2027	1/1/2027	12/31/2027	364	364	364	261	0.01	0.001	0.01	0.001
	PAREA1	2028	1/1/2028	3/15/2028	74	74	74	53	0.00	0.001	0.00	0.001
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	331	331	331	238	0.00	0.000	0.03	0.003
	PAREA2	2026	1/1/2026	12/31/2026	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2027	1/1/2027	12/31/2027	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2028	1/1/2028	3/15/2028	74	74	74	53	0.00	0.000	0.00	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	123	123	123	88	0.01	0.002	0.01	0.002
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	123	123	123	88	0.00	0.000	0.01	0.004
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	91	91	91	66	0.00	0.000	0.00	0.000
	SLINE1	2025	2/3/2025	12/31/2025	331	331	331	238	0.00	0.000	0.00	0.000
	SLINE1	2026	1/1/2026	12/31/2026	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2027	1/1/2027	12/31/2027	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2028	1/1/2028	3/15/2028	74	74	74	53	0.00	0.000	0.00	0.000

Cancer Risk Factors

	Abbreviation	UOM	16<70	
8HR Breathing Rate (95th percentile)	8HR-BR	L/kg-day	230	95th percentile
Worker Adjustment Factor	WAF	unitless	4.20	Worst case
Exposure Frequency	EF	days/year	0.68	
Age Sensitivity Factor	ASF	unitless	1	
Inhalation Absorption Factor	A	unitless	1	
Conversion Factor	CF_1	m^3/L	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February 2015
Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).
Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.
Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*WAF*EF*ED*ASF*A*CF/AT

AERMOD Source	16<70
PAREA6	0.002
PAREA7	0.002
PAREA1	0.009
PAREA1	0.009
PAREA1	0.009
PAREA1	0.002
PAREA2	0.009
PAREA2	0.009
PAREA2	0.009
PAREA2	0.002
PAREA3	0.003
PAREA4	0.003
SLINE1	0.002
SLINE1	0.009
SLINE1	0.009
SLINE1	0.009
SLINE1	0.002

Risk Calculation Part 1, R1 = IF*CPF*CF

16<70
2.59E-06
2.59E-06
9.43E-06
1.04E-05
1.04E-05
2.11E-06
9.43E-06
1.04E-05
1.04E-05
2.11E-06
3.50E-06
3.50E-06
2.59E-06
9.43E-06
1.04E-05
1.04E-05
2.11E-06

	Cancer Risk	UTM X	UTM Y		HI	UTM X	UTM Y		$PM_{2.5}$ Conc.	UTM X	UTM Y	
MEIW												
WORKER	0.51	606292.2	4122000.0		0.01	606352.2	4122200.0		0.190	606352.2	4122200.0	Worker

Annual $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

		Project Construction																	
X (UTM)	Y (UTM)	PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	$PM_{2.5}$ Conc.
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	$\mu g/m^3$
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Max. Annual
606352.2	4122200.0	0.000	0.000	0.001	0.001	0.001	0.001	0.003	0.000	0.000	0.000	0.050	0.139	0.000	0.000	0.000	0.000	0.000	0.190

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

		Project Construction																	Risk Calculation Par	
X (UTM)	Y (UTM)	PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	Cancer Risk = $\sum$R1*C_{DPM}	
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	16<70	Total
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
605632	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-09	1.20E-03
605652	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-09	1.21E-03
605672	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-09	1.22E-03
605692	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-09	1.24E-03
605712	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	1.26E-03
605732	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-09	1.27E-03

605752	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-09	1.30E-03
605772	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-09	1.32E-03
605792	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	1.35E-03
605812	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-09	1.38E-03
605832	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	1.41E-03
605852	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.45E-03
605872	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	1.49E-03
605892	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	1.54E-03
605912	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	1.59E-03
605932	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-09	1.66E-03
605952	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	1.72E-03
605972	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-09	1.80E-03
605992	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	1.88E-03
606012	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	1.96E-03
606032	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	2.06E-03
606052	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	2.17E-03
606072	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	2.29E-03
606092	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-09	2.42E-03
606112	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	2.57E-03
606132	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-09	2.72E-03
606152	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-09	2.89E-03
606172	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	3.08E-03
606192	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-09	3.28E-03
606212	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	3.51E-03
606232	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-09	3.76E-03
606252	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.03E-09	4.03E-03
606272	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-09	4.33E-03
606292	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-09	4.65E-03
606312	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-09	5.00E-03
606332	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.38E-09	5.38E-03
606352	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.79E-09	5.79E-03
606372	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-09	6.23E-03
606392	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-09	6.69E-03
606412	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.18E-09	7.18E-03
606432	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-09	7.67E-03
606452	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-09	8.21E-03
606472	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.77E-09	8.77E-03
606492	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.30E-09	9.30E-03
606512	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-09	9.82E-03
606532	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
606552	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
606572	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
606592	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.19E-02
606612	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
606632	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
606652	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
606672	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
606692	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
606712	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
606732	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
606752	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
606772	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
606792	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606812	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606832	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606852	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606872	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606892	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606912	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606932	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
606952	4121420	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
606972	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
606992	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
607012	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
607032	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
607052	4121420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605632	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-09	1.26E-03
605652	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-09	1.28E-03
605672	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-09	1.29E-03
605692	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-09	1.31E-03
605712	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-09	1.33E-03
605732	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	1.35E-03
605752	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	1.37E-03
605772	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	1.39E-03
605792	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	1.42E-03
605812	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.45E-03
605832	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	1.49E-03
605852	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	1.53E-03
605872	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	1.57E-03
605892	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	1.62E-03
605912	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-09	1.68E-03
605932	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	1.74E-03
605952	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-09	1.81E-03
605972	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	1.89E-03
605992	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-09	1.98E-03
606012	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-09	2.07E-03
606032	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-09	2.18E-03
606052	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	2.29E-03
606072	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-09	2.42E-03
606092	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	2.57E-03
606112	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-09	2.73E-03
606132	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	2.90E-03
606152	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-09	3.09E-03

606172	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-09	3.30E-03
606192	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-09	3.53E-03
606212	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-09	3.79E-03
606232	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.07E-09	4.07E-03
606252	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-09	4.38E-03
606272	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-09	4.71E-03
606292	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-09	5.08E-03
606312	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-09	5.49E-03
606332	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-09	5.92E-03
606352	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.38E-09	6.38E-03
606372	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-09	6.88E-03
606392	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-09	7.40E-03
606412	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-09	7.96E-03
606432	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.54E-09	8.54E-03
606452	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-09	9.18E-03
606472	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.78E-09	9.78E-03
606492	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606512	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606532	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606552	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
606572	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
606592	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
606612	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
606632	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
606652	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
606672	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606692	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606712	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
606732	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606752	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
606772	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
606792	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
606812	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
606832	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
606852	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
606872	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
606892	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
606912	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606932	4121440	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
606952	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
606972	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
606992	4121440	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
607012	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
607032	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
607052	4121440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
605632	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-09	1.34E-03
605652	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-09	1.35E-03
605672	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-09	1.37E-03
605692	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-09	1.39E-03
605712	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-09	1.41E-03
605732	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	1.43E-03
605752	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.45E-03
605772	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-09	1.48E-03
605792	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	1.51E-03
605812	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	1.54E-03
605832	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-09	1.58E-03
605852	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	1.62E-03
605872	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	1.67E-03
605892	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	1.72E-03
605912	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-09	1.78E-03
605932	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	1.85E-03
605952	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	1.92E-03
605972	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	2.01E-03
605992	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	2.10E-03
606012	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	2.20E-03
606032	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	2.31E-03
606052	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-09	2.44E-03
606072	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-09	2.58E-03
606092	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-09	2.74E-03
606112	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-09	2.91E-03
606132	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	3.11E-03
606152	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	3.32E-03
606172	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.56E-09	3.56E-03
606192	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-09	3.82E-03
606212	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-09	4.12E-03
606232	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-09	4.44E-03
606252	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-09	4.79E-03
606272	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-09	5.18E-03
606292	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-09	5.61E-03
606312	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-09	6.07E-03
606332	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-09	6.56E-03
606352	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-09	7.10E-03
606372	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-09	7.67E-03
606392	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-09	8.28E-03
606412	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-09	8.92E-03
606432	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.60E-09	9.60E-03
606452	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
606472	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606492	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606512	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606532	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.31E-02
606552	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
606572	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02

606592	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
606612	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
606632	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606652	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
606672	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606692	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
606712	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
606732	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
606752	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
606772	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
606792	4121460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606992	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
607012	4121460	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
607032	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
607052	4121460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605632	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-09	1.42E-03
605652	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-09	1.43E-03
605672	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-09	1.45E-03
605692	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-09	1.47E-03
605712	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-09	1.49E-03
605732	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-09	1.52E-03
605752	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-09	1.54E-03
605772	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	1.57E-03
605792	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	1.60E-03
605812	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-09	1.64E-03
605832	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-09	1.68E-03
605852	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-09	1.72E-03
605872	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-09	1.77E-03
605892	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	1.83E-03
605912	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	1.89E-03
605932	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	1.96E-03
605952	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	2.04E-03
605972	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	2.13E-03
605992	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	2.23E-03
606012	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-09	2.34E-03
606032	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	2.47E-03
606052	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-09	2.60E-03
606072	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	2.75E-03
606092	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	2.92E-03
606112	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-09	3.12E-03
606132	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-09	3.33E-03
606152	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-09	3.57E-03
606172	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	3.84E-03
606192	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	4.14E-03
606212	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-09	4.48E-03
606232	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-09	4.85E-03
606252	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-09	5.25E-03
606272	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-09	5.70E-03
606292	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-09	6.20E-03
606312	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-09	6.73E-03
606332	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.31E-09	7.31E-03
606352	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.93E-09	7.93E-03
606372	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-09	8.59E-03
606392	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.30E-09	9.30E-03
606412	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
606432	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
606452	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606472	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
606492	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
606512	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
606532	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
606552	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606572	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606592	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
606612	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606632	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
606652	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
606672	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.89E-02
606692	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
606712	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.95E-02
606732	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.97E-02
606752	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606772	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606792	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606992	4121480	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
607012	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
607032	4121480	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
607052	4121480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605632	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-09	1.51E-03
605652	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-09	1.53E-03
605672	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-09	1.55E-03
605692	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-09	1.57E-03
605712	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-09	1.59E-03
605732	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-09	1.62E-03
605752	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	1.65E-03
605772	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	1.67E-03
605792	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	1.70E-03
605812	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	1.74E-03
605832	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-09	1.78E-03
605852	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	1.83E-03
605872	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	1.88E-03
605892	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	1.94E-03
605912	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	2.00E-03

605932	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	2.08E-03
605952	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	2.17E-03
605972	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	2.26E-03
605992	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-09	2.37E-03
606012	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-09	2.49E-03
606032	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-09	2.63E-03
606052	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-09	2.77E-03
606072	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-09	2.93E-03
606092	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-09	3.13E-03
606112	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-09	3.35E-03
606132	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-09	3.58E-03
606152	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	3.84E-03
606172	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.15E-09	4.15E-03
606192	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-09	4.49E-03
606212	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-09	4.87E-03
606232	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-09	5.29E-03
606252	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-09	5.76E-03
606272	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-09	6.27E-03
606292	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-09	6.85E-03
606312	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.47E-09	7.47E-03
606332	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.15E-09	8.15E-03
606352	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.87E-09	8.87E-03
606372	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-09	9.64E-03
606392	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
606432	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606452	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
606472	4121500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.42E-02
606492	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
606512	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
606532	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
606552	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606572	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02
606592	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
606612	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
606632	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	2.02E-02
606652	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-08	2.07E-02
606672	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
606692	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	2.13E-02
606712	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606732	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606752	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606772	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	2.16E-02
606792	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606992	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
607012	4121500	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
607032	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
607052	4121500	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605632	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-09	1.60E-03
605652	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-09	1.63E-03
605672	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-09	1.65E-03
605692	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-09	1.67E-03
605712	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-09	1.70E-03
605732	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-09	1.73E-03
605752	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	1.76E-03
605772	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	1.79E-03
605792	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	1.82E-03
605812	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	1.86E-03
605832	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-09	1.91E-03
605852	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	1.95E-03
605872	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	2.01E-03
605892	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-09	2.07E-03
605912	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	2.14E-03
605932	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	2.22E-03
605952	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	2.31E-03
605972	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	2.41E-03
605992	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-09	2.53E-03
606012	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-09	2.67E-03
606032	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	2.81E-03
606052	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-09	2.96E-03
606072	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-09	3.14E-03
606092	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-09	3.36E-03
606112	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	3.61E-03
606132	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	3.88E-03
606152	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-09	4.19E-03
606172	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-09	4.54E-03
606192	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-09	4.93E-03
606212	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-09	5.37E-03
606232	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.86E-09	5.86E-03
606252	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.41E-09	6.41E-03
606272	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-09	6.99E-03
606292	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.66E-09	7.66E-03
606312	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.40E-09	8.40E-03
606332	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.21E-09	9.21E-03
606352	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
606372	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606432	4121520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
606452	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606472	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606492	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
606512	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606532	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
606552	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
606572	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02

606592	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	2.16E-02
606612	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
606632	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
606652	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-08	2.32E-02
606672	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606692	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
606712	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
606732	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
606752	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
606772	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606792	4121520	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606852	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
606872	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.14E-02
606892	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606912	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	2.02E-02
606932	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
606992	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
607012	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
607032	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
607052	4121520	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
605632	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-09	1.71E-03
605652	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-09	1.74E-03
605672	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-09	1.76E-03
605692	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-09	1.79E-03
605712	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-09	1.82E-03
605732	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	1.85E-03
605752	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	1.88E-03
605772	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	1.92E-03
605792	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	1.96E-03
605812	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-09	2.00E-03
605832	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-09	2.05E-03
605852	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	2.10E-03
605872	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	2.16E-03
605892	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	2.22E-03
605912	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-09	2.30E-03
605932	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-09	2.39E-03
605952	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-09	2.48E-03
605972	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	2.59E-03
605992	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-09	2.71E-03
606012	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-09	2.87E-03
606032	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.02E-09	3.02E-03
606052	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-09	3.19E-03
606072	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-09	3.39E-03
606092	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-09	3.63E-03
606112	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.91E-09	3.91E-03
606132	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	4.21E-03
606152	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-09	4.56E-03
606172	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	4.95E-03
606192	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.40E-09	5.40E-03
606212	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.91E-09	5.91E-03
606232	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-09	6.49E-03
606252	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.13E-09	7.13E-03
606272	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-09	7.83E-03
606292	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-09	8.62E-03
606312	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.49E-09	9.49E-03
606332	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606352	4121540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.15E-02
606472	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
606492	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.97E-02
606512	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.09E-02
606532	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
606552	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	2.30E-02
606572	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.39E-02
606592	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	2.47E-02
606612	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	2.53E-02
606632	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-08	2.58E-02
606652	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
606672	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.63E-02
606692	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-08	2.64E-02
606712	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-08	2.64E-02
606732	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
606752	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
606772	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-08	2.56E-02
606792	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	2.51E-02
606852	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606872	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
606892	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
606912	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
606992	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	1.79E-02
607012	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.71E-08	1.71E-02
607032	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
607052	4121540	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
605632	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-09	1.83E-03
605652	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-09	1.86E-03
605672	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-09	1.89E-03
605692	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-09	1.92E-03
605712	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	1.95E-03
605732	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	1.99E-03
605752	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	2.03E-03
605772	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	2.06E-03
605792	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	2.11E-03
605812	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-09	2.15E-03
605832	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	2.20E-03

605852	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-09	2.27E-03
605872	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	2.33E-03
605892	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-09	2.40E-03
605912	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-09	2.48E-03
605932	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.58E-09	2.58E-03
605952	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	2.68E-03
605972	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-09	2.79E-03
605992	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-09	2.93E-03
606012	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-09	3.09E-03
606032	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-09	3.26E-03
606052	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-09	3.45E-03
606072	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-09	3.66E-03
606092	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-09	3.94E-03
606112	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-09	4.25E-03
606132	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-09	4.58E-03
606152	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-09	4.98E-03
606172	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-09	5.44E-03
606192	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.97E-09	5.97E-03
606212	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-09	6.56E-03
606232	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.24E-09	7.24E-03
606252	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.01E-09	8.01E-03
606272	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.86E-09	8.86E-03
606292	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.81E-09	9.81E-03
606312	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	1.08E-02
606332	4121560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
606412	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
606492	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-08	2.29E-02
606512	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
606532	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	2.53E-02
606552	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.63E-02
606572	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
606592	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
606612	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	2.87E-02
606632	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-08	2.91E-02
606652	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-08	2.94E-02
606672	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-08	2.95E-02
606692	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-08	2.94E-02
606712	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
606732	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.88E-02
606752	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	2.83E-02
606772	4121560	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.78E-02
606872	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
606892	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
606912	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.18E-08	2.18E-02
606992	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
607012	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.74E-08	1.74E-02
607032	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
607052	4121560	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
605632	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	1.96E-03
605652	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	1.99E-03
605672	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	2.03E-03
605692	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	2.06E-03
605712	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	2.10E-03
605732	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	2.14E-03
605752	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-09	2.18E-03
605772	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	2.23E-03
605792	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-09	2.28E-03
605812	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	2.33E-03
605832	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-09	2.39E-03
605852	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-09	2.45E-03
605872	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-09	2.52E-03
605892	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-09	2.60E-03
605912	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-09	2.69E-03
605932	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-09	2.79E-03
605952	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-09	2.91E-03
605972	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-09	3.04E-03
605992	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-09	3.19E-03
606012	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-09	3.36E-03
606032	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	3.54E-03
606052	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	3.75E-03
606072	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-09	3.99E-03
606092	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-09	4.30E-03
606112	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-09	4.65E-03
606132	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-09	5.03E-03
606152	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-09	5.49E-03
606172	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.01E-09	6.01E-03
606192	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-09	6.65E-03
606212	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.33E-09	7.33E-03
606232	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-09	8.14E-03
606252	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.07E-09	9.07E-03
606272	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
606292	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
606312	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
606332	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
606392	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.86E-02
606512	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
606532	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.93E-02
606552	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
606572	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	3.13E-02
606592	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
606612	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-08	3.25E-02
606632	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-08	3.28E-02
606652	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02

606672	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	3.27E-02
606692	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-08	3.24E-02
606712	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
606732	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
606752	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-08	3.06E-02
606772	4121580	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-08	2.98E-02
606832	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606852	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.57E-02
606872	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606892	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606912	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
606992	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
607012	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
607032	4121580	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
607052	4121580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
605632	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	2.10E-03
605652	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	2.14E-03
605672	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-09	2.18E-03
605692	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	2.22E-03
605712	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-09	2.27E-03
605732	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	2.31E-03
605752	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-09	2.36E-03
605772	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	2.41E-03
605792	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-09	2.46E-03
605812	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-09	2.52E-03
605832	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	2.59E-03
605852	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.66E-09	2.66E-03
605872	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-09	2.73E-03
605892	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-09	2.82E-03
605912	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	2.92E-03
605932	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	3.03E-03
605952	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-09	3.15E-03
605972	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-09	3.30E-03
605992	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-09	3.46E-03
606012	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-09	3.64E-03
606032	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-09	3.85E-03
606052	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-09	4.09E-03
606072	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-09	4.36E-03
606092	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-09	4.72E-03
606112	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.11E-09	5.11E-03
606132	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	5.55E-03
606152	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.08E-09	6.08E-03
606172	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-09	6.71E-03
606192	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.43E-09	7.43E-03
606212	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-09	8.28E-03
606232	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.24E-09	9.24E-03
606252	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
606272	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606292	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606312	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
606332	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606572	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-08	3.61E-02
606592	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-08	3.67E-02
606612	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-08	3.69E-02
606632	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-08	3.70E-02
606652	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
606672	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.63E-08	3.63E-02
606692	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.57E-08	3.57E-02
606712	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606732	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-08	3.40E-02
606752	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
606772	4121600	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.17E-08	3.17E-02
606872	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
606892	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
606912	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.29E-08	2.29E-02
606932	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.18E-08	2.18E-02
606992	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
607012	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
607032	4121600	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
607052	4121600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
605632	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	2.25E-03
605652	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-09	2.30E-03
605672	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-09	2.35E-03
605692	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-09	2.40E-03
605712	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-09	2.45E-03
605732	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-09	2.50E-03
605752	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-09	2.56E-03
605772	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-09	2.62E-03
605792	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	2.68E-03
605812	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-09	2.75E-03
605832	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-09	2.82E-03
605852	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-09	2.90E-03
605872	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-09	2.99E-03
605892	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-09	3.09E-03
605912	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-09	3.20E-03
605932	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	3.32E-03
605952	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-09	3.46E-03
605972	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-09	3.62E-03
605992	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-09	3.79E-03
606012	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-09	4.00E-03
606032	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.23E-09	4.23E-03
606052	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	4.50E-03
606072	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-09	4.82E-03

606092	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.21E-09	5.21E-03
606112	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-09	5.66E-03
606132	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-09	6.19E-03
606152	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-09	6.81E-03
606172	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.55E-09	7.55E-03
606192	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-09	8.41E-03
606212	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.43E-09	9.43E-03
606232	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	1.06E-02
606252	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.19E-02
606272	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
606292	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606312	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
606392	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
606412	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	2.83E-02
606432	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	3.07E-02
606492	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-08	3.72E-02
606512	4121620	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-08	3.88E-02
606872	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
606892	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606912	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.32E-08	2.32E-02
606932	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
606992	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
607012	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.74E-08	1.74E-02
607032	4121620	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
607052	4121620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
605632	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	2.43E-03
605652	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-09	2.48E-03
605672	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-09	2.54E-03
605692	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	2.59E-03
605712	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-09	2.65E-03
605732	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-09	2.72E-03
605752	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-09	2.78E-03
605772	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-09	2.85E-03
605792	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	2.92E-03
605812	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-09	3.00E-03
605832	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	3.08E-03
605852	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	3.17E-03
605872	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-09	3.27E-03
605892	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-09	3.38E-03
605912	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	3.51E-03
605932	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-09	3.65E-03
605952	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.80E-09	3.80E-03
605972	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	3.98E-03
605992	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-09	4.19E-03
606012	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-09	4.43E-03
606032	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-09	4.70E-03
606052	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-09	5.02E-03
606072	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-09	5.39E-03
606192	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.54E-09	9.54E-03
606212	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
606232	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606252	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
606272	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
606292	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
606312	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
606492	4121640	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-08	4.40E-02
606512	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-08	4.57E-02
606532	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-08	4.69E-02
606552	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-08	4.77E-02
606572	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	4.82E-02
606592	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-08	4.81E-02
606612	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.77E-08	4.77E-02
606632	4121640	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-08	4.69E-02
606912	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606932	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
606992	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02
607012	4121640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
607032	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
607052	4121640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.54E-08	1.54E-02
605632	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-09	2.62E-03
605652	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-09	2.68E-03
605672	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-09	2.74E-03
605692	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	2.81E-03
605712	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-09	2.88E-03
605732	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	2.95E-03
605752	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	3.03E-03
605772	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	3.11E-03
605792	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-09	3.19E-03
605812	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-09	3.28E-03
605832	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-09	3.38E-03
605852	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-09	3.48E-03
605872	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-09	3.60E-03
605892	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-09	3.73E-03
605912	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-09	3.87E-03
605932	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-09	4.02E-03
605952	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-09	4.20E-03
605972	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-09	4.40E-03
605992	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-09	4.63E-03
606012	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	4.89E-03
606032	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-09	5.19E-03
606052	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	5.55E-03
606072	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-09	5.96E-03
606132	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.76E-09	7.76E-03

606152	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-09	8.63E-03
606172	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.70E-09	9.70E-03
606192	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606212	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
606232	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.42E-02
606252	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
606272	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.87E-02
606292	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606312	4121660	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606372	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-08	3.51E-02
606452	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	4.84E-02
606492	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-08	5.27E-02
606512	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-08	5.42E-02
606532	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-08	5.51E-02
606552	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-08	5.55E-02
606572	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.54E-08	5.54E-02
606592	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-08	5.47E-02
606612	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-08	5.37E-02
606632	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-08	5.22E-02
606652	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.03E-08	5.03E-02
606672	4121660	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-08	4.83E-02
606692	4121660	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-08	4.60E-02
606712	4121660	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-08	4.37E-02
606732	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-08	4.14E-02
606752	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
606772	4121660	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
606992	4121660	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
607012	4121660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
607032	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
607052	4121660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605832	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-09	3.72E-03
605852	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	3.84E-03
605872	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	3.98E-03
605892	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-09	4.13E-03
605912	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.30E-09	4.30E-03
605932	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-09	4.48E-03
605952	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.68E-09	4.68E-03
605972	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-09	4.91E-03
605992	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-09	5.18E-03
606012	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-09	5.48E-03
606032	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-09	5.83E-03
606052	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-09	6.24E-03
606072	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-09	6.73E-03
606232	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
606252	4121680	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
606272	4121680	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	2.30E-02
606292	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606372	4121680	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-08	4.36E-02
606392	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-08	4.80E-02
606432	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-08	5.55E-02
606572	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.38E-08	6.38E-02
606592	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-08	6.23E-02
606612	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-08	6.02E-02
606632	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.78E-08	5.78E-02
606652	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.51E-08	5.51E-02
606672	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-08	5.22E-02
606692	4121680	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-08	4.92E-02
606712	4121680	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-08	4.62E-02
606732	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-08	4.32E-02
606752	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-08	4.04E-02
606772	4121680	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-08	3.78E-02
606992	4121680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
607012	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
607032	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
607052	4121680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
605632	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-09	3.04E-03
605652	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-09	3.13E-03
605672	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-09	3.21E-03
605692	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-09	3.31E-03
605712	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-09	3.41E-03
605732	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	3.51E-03
605752	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	3.61E-03
605772	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.73E-09	3.73E-03
605792	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-09	3.85E-03
605832	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-09	4.11E-03
605852	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-09	4.25E-03
605872	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.41E-09	4.41E-03
605892	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-09	4.60E-03
605912	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-09	4.79E-03
605932	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-09	5.01E-03
605952	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-09	5.25E-03
605972	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-09	5.52E-03
605992	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-09	5.83E-03
606012	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.19E-09	6.19E-03
606032	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-09	6.61E-03
606052	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-09	7.10E-03
606072	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.68E-09	7.68E-03
606152	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606172	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
606192	4121700	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606212	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
606232	4121700	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07E-08	2.07E-02
606252	4121700	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	2.43E-02

606272	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.86E-08	2.86E-02
606292	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-08	3.35E-02
606372	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-08	5.49E-02
606392	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.01E-08	6.01E-02
606432	4121700	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-08	6.87E-02
606472	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-08	7.48E-02
606492	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-08	7.63E-02
606512	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-08	7.69E-02
606532	4121700	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-08	7.67E-02
606692	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.19E-08	5.19E-02
606712	4121700	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	4.82E-02
606732	4121700	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-08	4.47E-02
606752	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-08	4.14E-02
606772	4121700	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-08	3.83E-02
606992	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
607012	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
607032	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
607052	4121700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
605632	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.28E-09	3.28E-03
605652	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-09	3.38E-03
605672	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-09	3.48E-03
605692	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	3.59E-03
605712	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-09	3.71E-03
605732	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-09	3.83E-03
605752	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-09	3.95E-03
605772	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-09	4.09E-03
605792	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-09	4.24E-03
605832	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-09	4.56E-03
605852	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-09	4.72E-03
605872	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.92E-09	4.92E-03
605892	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-09	5.14E-03
605912	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-09	5.36E-03
605932	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-09	5.61E-03
605952	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.89E-09	5.89E-03
605972	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-09	6.21E-03
605992	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.57E-09	6.57E-03
606012	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-09	7.00E-03
606032	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-09	7.50E-03
606052	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-09	8.07E-03
606072	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.76E-09	8.76E-03
606132	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
606152	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
606172	4121720	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
606192	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
606212	4121720	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606232	4121720	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.57E-02
606252	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-08	3.06E-02
606272	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02
606292	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.31E-08	4.31E-02
606372	4121720	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-08	7.04E-02
606392	4121720	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.67E-08	7.67E-02
606432	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-08	8.57E-02
606472	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.12E-08	9.12E-02
606492	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.18E-08	9.18E-02
606512	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.11E-08	9.11E-02
606532	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-08	8.97E-02
606552	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-08	8.66E-02
606572	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-08	8.25E-02
606592	4121720	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.81E-08	7.81E-02
606612	4121720	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-08	7.35E-02
606632	4121720	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-08	6.85E-02
606652	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.34E-08	6.34E-02
606672	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.85E-08	5.85E-02
606692	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-08	5.39E-02
606712	4121720	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-08	4.95E-02
606732	4121720	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-08	4.55E-02
606752	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.18E-08	4.18E-02
606772	4121720	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-08	3.84E-02
606992	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
607012	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
607032	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
607052	4121720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605632	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	3.54E-03
605652	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-09	3.66E-03
605672	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-09	3.78E-03
605692	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-09	3.90E-03
605712	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.04E-09	4.04E-03
605732	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-09	4.19E-03
605752	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-09	4.34E-03
605772	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-09	4.49E-03
605792	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-09	4.67E-03
605832	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-09	5.06E-03
605852	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.26E-09	5.26E-03
605872	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.49E-09	5.49E-03
605892	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.76E-09	5.76E-03
605912	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.04E-09	6.04E-03
605932	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-09	6.33E-03
605952	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-09	6.67E-03
605972	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.05E-09	7.05E-03
605992	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-09	7.50E-03
606012	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-09	8.03E-03
606032	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-09	8.63E-03
606052	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.35E-09	9.35E-03

606072	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.02E-02
606392	4121740	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.89E-08	9.89E-02
606432	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606472	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606492	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
606512	4121740	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606532	4121740	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606552	4121740	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.88E-08	9.88E-02
606572	4121740	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.22E-08	9.22E-02
606592	4121740	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.56E-08	8.56E-02
606612	4121740	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.92E-08	7.92E-02
606632	4121740	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.25E-08	7.25E-02
606652	4121740	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.60E-08	6.60E-02
606672	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.00E-08	6.00E-02
606692	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.49E-08	5.49E-02
606712	4121740	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.99E-08	4.99E-02
606732	4121740	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.53E-08	4.53E-02
606752	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.13E-08	4.13E-02
606772	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.79E-08	3.79E-02
606792	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.47E-08	3.47E-02
606812	4121740	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.18E-08	3.18E-02
606832	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.93E-02
606852	4121740	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.70E-02
606872	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
606892	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
606912	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606932	4121740	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
606952	4121740	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.87E-02
606992	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
607012	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
607032	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
607052	4121740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605632	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-09	3.82E-03
605672	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-09	4.10E-03
605692	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-09	4.25E-03
605712	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.41E-09	4.41E-03
605752	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-09	4.76E-03
605772	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	4.95E-03
605792	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-09	5.16E-03
605832	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-09	5.62E-03
605852	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-09	5.87E-03
605872	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-09	6.16E-03
605892	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.48E-09	6.48E-03
605912	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-09	6.82E-03
605932	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-09	7.20E-03
605952	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	7.63E-03
605972	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.09E-09	8.09E-03
605992	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.64E-09	8.64E-03
606012	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-09	9.29E-03
606032	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
606052	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606072	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606372	4121760	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606432	4121760	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606472	4121760	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606492	4121760	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
606512	4121760	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.27E-07	1.27E-01
606532	4121760	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606552	4121760	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
606572	4121760	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606592	4121760	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.21E-08	9.21E-02
606612	4121760	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.36E-08	8.36E-02
606632	4121760	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.53E-08	7.53E-02
606652	4121760	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.75E-08	6.75E-02
606672	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.07E-08	6.07E-02
606692	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	5.48E-08	5.48E-02
606712	4121760	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.95E-08	4.95E-02
606732	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.46E-08	4.46E-02
606752	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	4.05E-08	4.05E-02
606772	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.71E-08	3.71E-02
606792	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.38E-08	3.38E-02
606812	4121760	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3.09E-08	3.09E-02
606832	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.84E-02
606852	4121760	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
606872	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.42E-08	2.42E-02
606892	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
606912	4121760	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.09E-02
606932	4121760	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606952	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
606992	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
607012	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
607032	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
607052	4121760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605632	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-09	4.12E-03
605672	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-09	4.44E-03
605692	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.62E-09	4.62E-03
605712	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-09	4.81E-03
605752	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-09	5.22E-03
605772	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-09	5.45E-03
605792	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-09	5.70E-03
605832	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.26E-09	6.26E-03
605852	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.57E-09	6.57E-03
605872	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-09	6.93E-03

605892	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.32E-09	7.32E-03
605912	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-09	7.74E-03
605932	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-09	8.21E-03
605952	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.75E-09	8.75E-03
605992	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-09	9.99E-03
606052	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606072	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
606132	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
606152	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
606172	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
606192	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.83E-08	3.83E-02
606292	4121780	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606312	4121780	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
606372	4121780	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606392	4121780	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	1.70E-01
606432	4121780	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-07	1.74E-01
606472	4121780	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-07	1.69E-01
606492	4121780	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
606512	4121780	0.000	0.000	0.005	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
606532	4121780	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606552	4121780	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606572	4121780	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-07	1.09E-01
606592	4121780	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.68E-08	9.68E-02
606612	4121780	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.61E-08	8.61E-02
606632	4121780	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-08	7.63E-02
606652	4121780	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.76E-08	6.76E-02
606672	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.01E-08	6.01E-02
606692	4121780	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-08	5.39E-02
606712	4121780	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-08	4.83E-02
606732	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-08	4.34E-02
606752	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
606772	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	3.58E-02
606792	4121780	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	3.27E-02
606812	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.99E-02
606832	4121780	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-08	2.75E-02
606852	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
606872	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-08	2.34E-02
606892	4121780	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606912	4121780	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	2.02E-02
606932	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.87E-02
606952	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606992	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
607012	4121780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605632	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-09	4.45E-03
605672	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-09	4.82E-03
605692	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-09	5.02E-03
605712	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-09	5.24E-03
605752	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-09	5.74E-03
605772	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.01E-09	6.01E-03
605792	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.31E-09	6.31E-03
605832	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-09	6.99E-03
605852	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-09	7.37E-03
605872	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-09	7.80E-03
605892	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.28E-09	8.28E-03
605912	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.81E-09	8.81E-03
605932	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-09	9.37E-03
605952	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.00E-02
605992	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
606052	4121800	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
606072	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
606152	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-08	3.52E-02
606172	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-08	4.26E-02
606192	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.32E-08	5.32E-02
606292	4121800	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-07	1.68E-01
606312	4121800	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-07	1.87E-01
606372	4121800	0.000	0.000	0.008	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-07	2.22E-01
606432	4121800	0.000	0.000	0.008	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-07	2.25E-01
606472	4121800	0.000	0.000	0.008	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-07	2.09E-01
606492	4121800	0.000	0.000	0.007	0.006	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-07	1.90E-01
606512	4121800	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-07	1.70E-01
606532	4121800	0.000	0.000	0.005	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606552	4121800	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-07	1.30E-01
606572	4121800	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606592	4121800	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.86E-08	9.86E-02
606612	4121800	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.60E-08	8.60E-02
606632	4121800	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.52E-08	7.52E-02
606652	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-08	6.60E-02
606672	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-08	5.83E-02
606692	4121800	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-08	5.18E-02
606712	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-08	4.63E-02
606732	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-08	4.16E-02
606752	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-08	3.76E-02
606772	4121800	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-08	3.44E-02
606792	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-08	3.13E-02
606812	4121800	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	2.87E-02
606832	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-08	2.64E-02
606852	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	2.43E-02
606872	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-08	2.25E-02
606892	4121800	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.09E-02
606912	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606932	4121800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
605632	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-09	5.57E-03
605652	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-09	5.83E-03

605672	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.13E-09	6.13E-03
605692	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.46E-09	6.46E-03
605712	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-09	6.81E-03
605732	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.18E-09	7.18E-03
605752	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.61E-09	7.61E-03
605772	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.07E-09	8.07E-03
605792	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-09	8.59E-03
605812	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.16E-09	9.16E-03
605832	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.80E-09	9.80E-03
605852	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
605872	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
605892	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
605912	4121860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
605932	4121860	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605952	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
605972	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
605992	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
606012	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
606032	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-08	2.54E-02
606052	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-08	3.00E-02
606072	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-08	3.51E-02
606612	4121860	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	7.33E-08	7.33E-02
606632	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-08	6.30E-02
606652	4121860	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.50E-08	5.50E-02
606672	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.87E-08	4.87E-02
606692	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-08	4.36E-02
606712	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-08	3.94E-02
606732	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	3.58E-02
606752	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	3.27E-02
606772	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-08	3.01E-02
606792	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
606812	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-08	2.55E-02
606832	4121860	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
606852	4121860	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
605632	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.00E-09	6.00E-03
605652	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-09	6.30E-03
605672	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-09	6.65E-03
605692	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.02E-09	7.02E-03
605712	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.42E-09	7.42E-03
605732	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-09	7.87E-03
605752	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.37E-09	8.37E-03
605772	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.91E-09	8.91E-03
605792	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.53E-09	9.53E-03
605812	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.02E-02
605832	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
605852	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605872	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
605892	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605912	4121880	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605932	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
605952	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.87E-02
605972	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-08	2.09E-02
605992	4121880	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
606012	4121880	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.70E-02
606032	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-08	3.15E-02
606052	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-08	3.78E-02
606072	4121880	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	4.51E-02
606452	4121880	0.000	0.000	0.015	0.014	0.010	0.008	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.08E-07	4.08E-01
606472	4121880	0.000	0.000	0.011	0.010	0.007	0.006	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-07	3.03E-01
606492	4121880	0.000	0.000	0.008	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-07	2.29E-01
606512	4121880	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
606532	4121880	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-07	1.39E-01
606552	4121880	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606572	4121880	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-08	9.29E-02
606592	4121880	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.81E-08	7.81E-02
606612	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.67E-08	6.67E-02
606632	4121880	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.78E-08	5.78E-02
606652	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-08	5.09E-02
606672	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-08	4.56E-02
606692	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-08	4.12E-02
606712	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-08	3.74E-02
606732	4121880	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-08	3.42E-02
606752	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
606772	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.90E-02
606792	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606812	4121880	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	2.47E-02
606832	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-08	2.28E-02
606852	4121880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
605632	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.46E-09	6.46E-03
605652	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-09	6.81E-03
605672	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-09	7.20E-03
605692	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	7.63E-03
605712	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.10E-09	8.10E-03
605732	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.62E-09	8.62E-03
605752	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.20E-09	9.20E-03
605772	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-09	9.84E-03
605792	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-08	1.06E-02
605812	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
605832	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
605852	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
605872	4121900	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605892	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
605912	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02

605932	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
605952	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
605972	4121900	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	2.51E-02
605992	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.88E-02
606012	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-08	3.36E-02
606032	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	3.99E-02
606052	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	4.84E-02
606072	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-08	5.77E-02
606452	4121900	0.000	0.000	0.014	0.013	0.009	0.008	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-07	3.86E-01
606472	4121900	0.000	0.000	0.010	0.009	0.007	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-07	2.79E-01
606492	4121900	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-07	2.06E-01
606512	4121900	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-07	1.56E-01
606532	4121900	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-07	1.22E-01
606552	4121900	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-08	9.83E-02
606572	4121900	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-08	8.21E-02
606592	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.99E-08	6.99E-02
606612	4121900	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-08	6.06E-02
606632	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-08	5.33E-02
606652	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-08	4.76E-02
606672	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.32E-08	4.32E-02
606692	4121900	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-08	3.93E-02
606712	4121900	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-08	3.60E-02
606732	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-08	3.31E-02
606752	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-08	3.05E-02
606772	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	2.82E-02
606792	4121900	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
606812	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
606832	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
606852	4121900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	2.05E-02
605632	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-09	6.96E-03
605652	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.36E-09	7.36E-03
605672	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-09	7.80E-03
605692	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.30E-09	8.30E-03
605712	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.84E-09	8.84E-03
605732	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.44E-09	9.44E-03
605752	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
605772	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605792	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605812	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605832	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
605852	4121920	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605872	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605892	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
605912	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
605932	4121920	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
605952	4121920	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
605972	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-08	3.01E-02
605992	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-08	3.50E-02
606012	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-08	4.14E-02
606032	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-08	5.01E-02
606052	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-08	6.24E-02
606072	4121920	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.89E-08	7.89E-02
606452	4121920	0.000	0.000	0.013	0.012	0.008	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-07	3.45E-01
606472	4121920	0.000	0.000	0.009	0.008	0.006	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-07	2.41E-01
606532	4121920	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
606572	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-08	7.20E-02
606592	4121920	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-08	6.29E-02
606612	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-08	5.59E-02
606632	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	5.00E-08	5.00E-02
606652	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.53E-08	4.53E-02
606672	4121920	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-08	4.16E-02
606692	4121920	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.80E-08	3.80E-02
606712	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606732	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-08	3.21E-02
606752	4121920	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-08	2.96E-02
606772	4121920	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
606792	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.52E-02
606812	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606832	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606852	4121920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	1.99E-02
605632	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-09	7.50E-03
605652	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.95E-09	7.95E-03
605672	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.46E-09	8.46E-03
605692	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.02E-09	9.02E-03
605712	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.65E-09	9.65E-03
605732	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
605752	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
605772	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
605792	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.31E-02
605812	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605832	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
605852	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
605872	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
605892	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-08	2.13E-02
605912	4121940	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.39E-02
605932	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.71E-08	2.71E-02
605952	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-08	3.11E-02
605972	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-08	3.62E-02
605992	4121940	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.28E-08	4.28E-02
606012	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-08	5.15E-02
606032	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.38E-08	6.38E-02
606052	4121940	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.20E-08	8.20E-02
606072	4121940	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01

606532	4121940	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.63E-08	8.63E-02
606572	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	6.48E-08	6.48E-02
606592	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-08	5.84E-02
606612	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-08	5.31E-02
606632	4121940	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-08	4.83E-02
606652	4121940	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-08	4.43E-02
606672	4121940	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	4.09E-02
606692	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-08	3.74E-02
606712	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-08	3.44E-02
606732	4121940	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-08	3.17E-02
606752	4121940	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-08	2.91E-02
606772	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
606792	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606812	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
606832	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606852	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
605632	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.08E-09	8.08E-03
605652	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.60E-09	8.60E-03
605672	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-09	9.17E-03
605692	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.82E-09	9.82E-03
605712	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
605732	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
605752	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
605772	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
605792	4121960	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605812	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605832	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
605852	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
605872	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
605892	4121960	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
605912	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-08	2.78E-02
605932	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-08	3.19E-02
605952	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-08	3.70E-02
605972	4121960	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.37E-08	4.37E-02
605992	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-08	5.24E-02
606012	4121960	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-08	6.44E-02
606032	4121960	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-08	8.13E-02
606052	4121960	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
606072	4121960	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-07	1.46E-01
606572	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.14E-08	6.14E-02
606592	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.69E-08	5.69E-02
606612	4121960	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-08	5.24E-02
606632	4121960	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.82E-08	4.82E-02
606652	4121960	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.45E-08	4.45E-02
606672	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-08	4.10E-02
606692	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-08	3.74E-02
606712	4121960	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.42E-08	3.42E-02
606732	4121960	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
606752	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	2.87E-02
606772	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
606792	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
606812	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
606832	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	2.01E-02
606852	4121960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
605632	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.70E-09	8.70E-03
605652	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-09	9.29E-03
605672	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.95E-09	9.95E-03
605692	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
605712	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.15E-02
605732	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605752	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605772	4121980	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
605792	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
605812	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
605832	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.97E-02
605852	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
605872	4121980	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
605892	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	2.82E-02
605912	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	3.23E-02
605932	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	3.75E-02
605952	4121980	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-08	4.40E-02
605972	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-08	5.25E-02
605992	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.37E-08	6.37E-02
606012	4121980	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-08	7.92E-02
606032	4121980	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606052	4121980	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-07	1.35E-01
606072	4121980	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-07	1.84E-01
606512	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	7.70E-08	7.70E-02
606532	4121980	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-08	7.11E-02
606572	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-08	6.20E-02
606592	4121980	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	5.81E-08	5.81E-02
606612	4121980	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-08	5.39E-02
606632	4121980	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-08	4.95E-02
606652	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-08	4.54E-02
606672	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.15E-08	4.15E-02
606692	4121980	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	3.75E-02
606712	4121980	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606732	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-08	3.10E-02
606752	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	2.80E-02
606772	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.55E-08	2.55E-02
606792	4121980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
606812	4121980	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
606832	4121980	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02

606852	4121980	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
605632	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.38E-09	9.38E-03
605652	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.00E-02
605672	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	1.08E-02
605692	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
605712	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.26E-02
605732	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
605752	4122000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605772	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
605792	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
605812	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
605832	4122000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
605852	4122000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-08	2.49E-02
605872	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	2.83E-02
605892	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	3.23E-02
605912	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-08	3.71E-02
605932	4122000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.33E-08	4.33E-02
605952	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-08	5.14E-02
605972	4122000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.18E-08	6.18E-02
605992	4122000	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.52E-08	7.52E-02
606012	4122000	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-08	9.37E-02
606032	4122000	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606052	4122000	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-07	1.58E-01
606072	4122000	0.000	0.000	0.008	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-07	2.11E-01
606292	4122000	0.000	0.000	0.019	0.017	0.012	0.010	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-07	5.05E-01
606312	4122000	0.000	0.000	0.016	0.015	0.010	0.009	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-07	4.34E-01
606332	4122000	0.000	0.000	0.014	0.013	0.009	0.007	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.78E-07	3.78E-01
606352	4122000	0.000	0.000	0.012	0.011	0.008	0.006	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-07	3.30E-01
606512	4122000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	7.68E-08	7.68E-02
606532	4122000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-08	7.37E-02
606612	4122000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.67E-08	5.67E-02
606632	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	5.14E-08	5.14E-02
606652	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-08	4.65E-02
606672	4122000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	4.19E-02
606692	4122000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	3.75E-02
606712	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-08	3.37E-02
606732	4122000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
606752	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
606772	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
606792	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
606812	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	2.03E-02
606832	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
606852	4122000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
605632	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
605652	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605672	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
605692	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605712	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
605732	4122020	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605752	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
605772	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
605792	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
605812	4122020	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
605832	4122020	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-08	2.49E-02
605852	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	2.80E-02
605872	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-08	3.19E-02
605892	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-08	3.67E-02
605912	4122020	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-08	4.24E-02
605932	4122020	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-08	4.97E-02
605952	4122020	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.91E-08	5.91E-02
605972	4122020	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-08	7.11E-02
605992	4122020	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-08	8.67E-02
606012	4122020	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606032	4122020	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606052	4122020	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-07	1.77E-01
606072	4122020	0.000	0.000	0.008	0.008	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-07	2.31E-01
606272	4122020	0.000	0.000	0.018	0.016	0.011	0.009	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-07	4.76E-01
606292	4122020	0.000	0.000	0.014	0.013	0.009	0.007	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.76E-07	3.76E-01
606312	4122020	0.000	0.000	0.012	0.011	0.007	0.006	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-07	3.14E-01
606332	4122020	0.000	0.000	0.010	0.009	0.006	0.005	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-07	2.67E-01
606352	4122020	0.000	0.000	0.008	0.008	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-07	2.27E-01
606512	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	8.53E-08	8.53E-02
606532	4122020	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	8.30E-08	8.30E-02
606612	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	6.01E-08	6.01E-02
606632	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-08	5.33E-02
606652	4122020	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-08	4.72E-02
606672	4122020	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.19E-08	4.19E-02
606692	4122020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-08	3.70E-02
606712	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
606732	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-08	2.95E-02
606752	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.63E-02
606772	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
606792	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606812	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606832	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
606852	4122020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
605632	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
605652	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605672	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605692	4122040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
605712	4122040	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605732	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
605752	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02

605772	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	1.99E-02
605792	4122040	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
605812	4122040	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-08	2.47E-02
605832	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
605852	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
605872	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	3.58E-02
605892	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-08	4.12E-02
605912	4122040	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-08	4.79E-02
605932	4122040	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-08	5.62E-02
605952	4122040	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-08	6.66E-02
605972	4122040	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.99E-08	7.99E-02
605992	4122040	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.71E-08	9.71E-02
606012	4122040	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-07	1.20E-01
606032	4122040	0.000	0.000	0.005	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606052	4122040	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-07	1.91E-01
606072	4122040	0.000	0.000	0.009	0.008	0.006	0.005	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-07	2.47E-01
606272	4122040	0.000	0.000	0.014	0.013	0.009	0.007	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-07	3.71E-01
606292	4122040	0.000	0.000	0.010	0.010	0.007	0.006	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-07	2.85E-01
606312	4122040	0.000	0.000	0.008	0.008	0.005	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-07	2.33E-01
606332	4122040	0.000	0.000	0.007	0.006	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-07	1.96E-01
606352	4122040	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01
606512	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-07	1.04E-01
606532	4122040	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	9.95E-08	9.95E-02
606572	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	8.22E-08	8.22E-02
606592	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	7.24E-08	7.24E-02
606612	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-08	6.27E-02
606632	4122040	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	5.42E-08	5.42E-02
606652	4122040	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-08	4.70E-02
606672	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.10E-08	4.10E-02
606692	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	3.58E-02
606712	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-08	3.17E-02
606732	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-08	2.83E-02
606752	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.52E-02
606772	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
606792	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
606812	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.86E-02
606832	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606852	4122040	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
605632	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605652	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605672	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
605692	4122060	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605712	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.64E-08	1.64E-02
605732	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	1.79E-02
605752	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
605772	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
605792	4122060	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	2.44E-02
605812	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.73E-08	2.73E-02
605832	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-08	3.08E-02
605852	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
605872	4122060	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-08	3.99E-02
605892	4122060	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-08	4.59E-02
605912	4122060	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-08	5.33E-02
605932	4122060	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-08	6.23E-02
605952	4122060	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.37E-08	7.37E-02
605972	4122060	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.78E-08	8.78E-02
605992	4122060	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-07	1.06E-01
606012	4122060	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
606032	4122060	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01
606052	4122060	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-07	2.00E-01
606072	4122060	0.000	0.000	0.009	0.009	0.006	0.005	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-07	2.53E-01
606272	4122060	0.000	0.000	0.010	0.009	0.006	0.005	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-07	2.69E-01
606292	4122060	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-07	2.09E-01
606312	4122060	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-07	1.73E-01
606332	4122060	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606352	4122060	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-07	1.28E-01
606572	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-08	8.94E-02
606592	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	7.56E-08	7.56E-02
606612	4122060	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-08	6.33E-02
606632	4122060	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-08	5.33E-02
606652	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-08	4.55E-02
606672	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.92E-08	3.92E-02
606692	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606712	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-08	3.01E-02
606732	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.70E-02
606752	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
606772	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606792	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.97E-02
606812	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
606832	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606852	4122060	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
607052	4122060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.72E-09	6.72E-03
605632	4122080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605652	4122080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
605672	4122080	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605692	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
605712	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
605732	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
605752	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-08	2.16E-02
605772	4122080	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.40E-08	2.40E-02
605792	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
605812	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-08	3.00E-02
605832	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-08	3.39E-02

605852	4122080	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-08	3.84E-02
605872	4122080	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.39E-08	4.39E-02
605892	4122080	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	5.05E-02
605912	4122080	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.84E-08	5.84E-02
605932	4122080	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-08	6.81E-02
605952	4122080	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.00E-08	8.00E-02
606272	4122080	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.85E-01
606292	4122080	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
606312	4122080	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-07	1.34E-01
606332	4122080	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-07	1.19E-01
606352	4122080	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
606572	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	9.22E-08	9.22E-02
606592	4122080	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	7.49E-08	7.49E-02
606612	4122080	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-08	6.12E-02
606632	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-08	5.06E-02
606652	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-08	4.27E-02
606672	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
606692	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-08	3.23E-02
606712	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	2.87E-02
606732	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-08	2.57E-02
606752	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
606772	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
606792	4122080	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.89E-02
606812	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
606892	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
606912	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
606932	4122080	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.83E-09	9.83E-03
605632	4122100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
605652	4122100	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
605672	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
605692	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
605712	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
605732	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-08	2.12E-02
605752	4122100	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
605772	4122100	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
605792	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-08	2.91E-02
605812	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-08	3.26E-02
605832	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
605852	4122100	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.16E-08	4.16E-02
605872	4122100	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-08	4.73E-02
605892	4122100	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.44E-08	5.44E-02
605912	4122100	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.26E-08	6.26E-02
606572	4122100	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-08	8.83E-02
606592	4122100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-08	6.96E-02
606612	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-08	5.57E-02
606632	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.59E-08	4.59E-02
606652	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
606672	4122100	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
606692	4122100	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-08	3.05E-02
606712	4122100	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.76E-08	2.76E-02
606852	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
606872	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606892	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606912	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.00E-02
606932	4122100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.23E-09	9.23E-03
605632	4122120	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605652	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
605672	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
605692	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.89E-02
605712	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-08	2.08E-02
605732	4122120	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-08	2.29E-02
605752	4122120	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	2.53E-02
605772	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
605792	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.14E-08	3.14E-02
605812	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-08	3.52E-02
605832	4122120	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.96E-08	3.96E-02
605852	4122120	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.46E-08	4.46E-02
605872	4122120	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	5.05E-02
605992	4122120	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
606012	4122120	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606032	4122120	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01
606052	4122120	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-07	1.88E-01
606512	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-07	2.01E-01
606532	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-07	1.44E-01
606552	4122120	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606572	4122120	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	7.87E-08	7.87E-02
606592	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.09E-08	6.09E-02
606772	4122120	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
606792	4122120	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606812	4122120	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
606852	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
606872	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606892	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
606912	4122120	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.38E-09	9.38E-03
605632	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
605652	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
605672	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.86E-02
605692	4122140	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	2.03E-02
605712	4122140	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-08	2.23E-02
605732	4122140	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-08	2.46E-02
605752	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02
605772	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.01E-08	3.01E-02
605792	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.35E-08	3.35E-02

605812	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-08	3.75E-02
605832	4122140	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-08	4.20E-02
605852	4122140	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-08	4.71E-02
605932	4122140	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.78E-08	7.78E-02
605952	4122140	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.86E-08	8.86E-02
605972	4122140	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
605992	4122140	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.15E-07	1.15E-01
606012	4122140	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.31E-07	1.31E-01
606032	4122140	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
606052	4122140	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.69E-07	1.69E-01
606072	4122140	0.000	0.000	0.007	0.006	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.85E-07	1.85E-01
606132	4122140	0.000	0.000	0.007	0.007	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.06E-07	2.06E-01
606152	4122140	0.000	0.000	0.007	0.006	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.97E-07	1.97E-01
606172	4122140	0.000	0.000	0.006	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.83E-07	1.83E-01
606652	4122140	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	3.60E-08	3.60E-02
606672	4122140	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3.45E-08	3.45E-02
606712	4122140	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.84E-02
606732	4122140	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.49E-08	2.49E-02
606752	4122140	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
606772	4122140	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.89E-02
606792	4122140	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
606812	4122140	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
606832	4122140	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606852	4122140	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
605632	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605652	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
605672	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-08	1.98E-02
605692	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
605712	4122160	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-08	2.38E-02
605732	4122160	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
605752	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-08	2.89E-02
605772	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
605792	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-08	3.54E-02
605812	4122160	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-08	3.95E-02
605832	4122160	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-08	4.40E-02
605912	4122160	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.95E-08	6.95E-02
605932	4122160	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.81E-08	7.81E-02
605952	4122160	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.78E-08	8.78E-02
605972	4122160	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.85E-08	9.85E-02
605992	4122160	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.10E-07	1.10E-01
606012	4122160	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.23E-07	1.23E-01
606032	4122160	0.000	0.000	0.005	0.004	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01
606052	4122160	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01
606072	4122160	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.58E-07	1.58E-01
606132	4122160	0.000	0.000	0.006	0.005	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01
606152	4122160	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01
606172	4122160	0.000	0.000	0.005	0.005	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.43E-07	1.43E-01
606512	4122160	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	1.49E-07	1.49E-01
606532	4122160	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	9.83E-08	9.83E-02
606552	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	6.91E-08	6.91E-02
606652	4122160	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	4.28E-08	4.28E-02
606672	4122160	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	4.04E-08	4.04E-02
606712	4122160	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.93E-02
606732	4122160	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.47E-08	2.47E-02
606752	4122160	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.10E-08	2.10E-02
606772	4122160	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
606792	4122160	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
606872	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.72E-09	9.72E-03
606892	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.83E-09	8.83E-03
606912	4122160	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.08E-09	8.08E-03
605632	4122180	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
605652	4122180	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
605672	4122180	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-08	2.10E-02
605692	4122180	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-08	2.30E-02
605712	4122180	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-08	2.52E-02
605732	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
605752	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
605772	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-08	3.36E-02
605792	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-08	3.71E-02
605812	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.11E-08	4.11E-02
605832	4122180	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-08	4.55E-02
605892	4122180	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.24E-08	6.24E-02
605912	4122180	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.93E-08	6.93E-02
605932	4122180	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.70E-08	7.70E-02
605952	4122180	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.52E-08	8.52E-02
605972	4122180	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.39E-08	9.39E-02
605992	4122180	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.03E-07	1.03E-01
606012	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606032	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.21E-07	1.21E-01
606052	4122180	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.29E-07	1.29E-01
606132	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.33E-07	1.33E-01
606152	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606172	4122180	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	1.18E-07	1.18E-01
606332	4122180	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	1.50E-07	1.50E-01
606352	4122180	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	2.06E-07	2.06E-01
606672	4122180	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	4.65E-08	4.65E-02
606712	4122180	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
606812	4122180	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
606832	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606852	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.84E-09	9.84E-03
606872	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.90E-09	8.90E-03
606892	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.12E-09	8.12E-03
606912	4122180	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.46E-09	7.46E-03

605872	4122200	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-08	5.64E-02
605892	4122200	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.21E-08	6.21E-02
605912	4122200	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-08	6.82E-02
605932	4122200	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.47E-08	7.47E-02
605952	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.14E-08	8.14E-02
605972	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-08	8.83E-02
605992	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.52E-08	9.52E-02
606012	4122200	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606032	4122200	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-07	1.08E-01
606052	4122200	0.000	0.000	0.004	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-07	1.13E-01
606072	4122200	0.000	0.000	0.004	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-07	1.14E-01
606132	4122200	0.000	0.000	0.004	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-07	1.12E-01
606152	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-07	1.07E-01
606172	4122200	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-07	1.01E-01
606332	4122200	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01
606352	4122200	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-07	2.10E-01
606672	4122200	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-08	4.74E-02
606752	4122200	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
606772	4122200	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
606792	4122200	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
606812	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
606832	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.93E-09	9.93E-03
606852	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-09	8.94E-03
606872	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-09	8.13E-03
606892	4122200	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.46E-09	7.46E-03
605872	4122220	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-08	5.59E-02
605892	4122220	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.09E-08	6.09E-02
605912	4122220	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-08	6.61E-02
605932	4122220	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.14E-08	7.14E-02
605952	4122220	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.69E-08	7.69E-02
605972	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.21E-08	8.21E-02
605992	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.71E-08	8.71E-02
606012	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-08	9.17E-02
606032	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-08	9.56E-02
606052	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9.91E-08	9.91E-02
606132	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-08	9.67E-02
606152	4122220	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.28E-08	9.28E-02
606172	4122220	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.92E-08	8.92E-02
606292	4122220	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606712	4122220	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-08	2.43E-02
606732	4122220	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
606752	4122220	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606772	4122220	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606792	4122220	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606812	4122220	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.96E-09	9.96E-03
605872	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.47E-08	5.47E-02
605892	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.90E-08	5.90E-02
605912	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-08	6.33E-02
605932	4122240	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.76E-08	6.76E-02
605952	4122240	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.18E-08	7.18E-02
605972	4122240	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.57E-08	7.57E-02
605992	4122240	0.000	0.000	0.003	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.93E-08	7.93E-02
606012	4122240	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.24E-08	8.24E-02
606032	4122240	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.51E-08	8.51E-02
606052	4122240	0.000	0.000	0.003	0.003	0.002	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	8.76E-08	8.76E-02
606132	4122240	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.56E-08	8.56E-02
606152	4122240	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	8.27E-08	8.27E-02
606192	4122240	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-08	7.92E-02
606292	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	9.90E-08	9.90E-02
606312	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-07	1.11E-01
606332	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-07	1.26E-01
606352	4122240	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-07	1.38E-01
606392	4122240	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-07	1.37E-01
606412	4122240	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-07	1.25E-01
606452	4122240	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-08	8.39E-02
606472	4122240	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-08	6.24E-02
606712	4122240	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	2.01E-02
606732	4122240	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
606752	4122240	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
605852	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-08	4.95E-02
605872	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-08	5.30E-02
605892	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.65E-08	5.65E-02
605912	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.00E-08	6.00E-02
605932	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-08	6.33E-02
605952	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.65E-08	6.65E-02
605972	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-08	6.93E-02
605992	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.18E-08	7.18E-02
606012	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-08	7.40E-02
606032	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-08	7.59E-02
606052	4122260	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-08	7.78E-02
606132	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.74E-08	7.74E-02
606152	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	7.51E-08	7.51E-02
606172	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	7.38E-08	7.38E-02
606192	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	7.33E-08	7.33E-02
606212	4122260	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	7.39E-08	7.39E-02
606292	4122260	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	8.99E-08	8.99E-02
606312	4122260	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	9.65E-08	9.65E-02
606332	4122260	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-07	1.02E-01
606352	4122260	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-07	1.05E-01
606392	4122260	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	9.71E-08	9.71E-02
606412	4122260	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-08	8.67E-02
606452	4122260	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-08	6.02E-02
606472	4122260	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	4.84E-02

606712	4122260	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605852	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-08	4.80E-02
605872	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-08	5.07E-02
605892	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.35E-08	5.35E-02
605912	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-08	5.64E-02
605932	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-08	5.92E-02
605952	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-08	6.16E-02
605972	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.37E-08	6.37E-02
605992	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.55E-08	6.55E-02
606012	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-08	6.71E-02
606032	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.86E-08	6.86E-02
606052	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	7.02E-08	7.02E-02
606172	4122280	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-08	6.82E-02
606192	4122280	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	6.81E-08	6.81E-02
606212	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-08	6.88E-02
606232	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	7.04E-08	7.04E-02
606292	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	7.91E-08	7.91E-02
606312	4122280	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	8.18E-08	8.18E-02
606332	4122280	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	8.32E-08	8.32E-02
606352	4122280	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	8.25E-08	8.25E-02
606372	4122280	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-08	7.90E-02
606392	4122280	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-08	7.29E-02
606412	4122280	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.51E-08	6.51E-02
606432	4122280	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	5.63E-08	5.63E-02
606452	4122280	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-08	4.78E-02
606472	4122280	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-08	4.06E-02
606492	4122280	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-08	3.55E-02
606512	4122280	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-08	3.30E-02
606532	4122280	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-08	3.32E-02
606552	4122280	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-08	3.66E-02
606572	4122280	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-08	4.38E-02
606892	4122280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	5.55E-03
606912	4122280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-09	5.23E-03
605632	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
605652	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	2.44E-02
605672	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.61E-08	2.61E-02
605692	4122300	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	2.80E-02
605852	4122300	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-08	4.63E-02
605872	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.84E-08	4.84E-02
605892	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.05E-08	5.05E-02
605912	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.29E-08	5.29E-02
605932	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-08	5.52E-02
605952	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-08	5.71E-02
605972	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-08	5.87E-02
605992	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.00E-08	6.00E-02
606012	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.13E-08	6.13E-02
606032	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-08	6.25E-02
606052	4122300	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	6.41E-08	6.41E-02
606292	4122300	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	6.87E-08	6.87E-02
606312	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-08	6.90E-02
606332	4122300	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-08	6.82E-02
606352	4122300	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-08	6.62E-02
606392	4122300	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	5.74E-08	5.74E-02
606412	4122300	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-08	5.17E-02
606432	4122300	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.56E-08	4.56E-02
606452	4122300	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	4.00E-02
606472	4122300	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-08	3.54E-02
606492	4122300	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-08	3.22E-02
606512	4122300	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-08	3.08E-02
606832	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-09	6.28E-03
606852	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-09	5.87E-03
606872	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.53E-09	5.53E-03
606892	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-09	5.22E-03
606912	4122300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.94E-09	4.94E-03
605632	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-08	2.32E-02
605652	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
605672	4122320	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.64E-08	2.64E-02
605692	4122320	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	2.82E-02
605772	4122320	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.60E-08	3.60E-02
605792	4122320	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-08	3.81E-02
605852	4122320	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-08	4.43E-02
605872	4122320	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-08	4.60E-02
605892	4122320	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-08	4.78E-02
605912	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-08	4.95E-02
605932	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.15E-08	5.15E-02
605952	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	5.30E-08	5.30E-02
605972	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.41E-08	5.41E-02
605992	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-08	5.52E-02
606012	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-08	5.62E-02
606032	4122320	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.73E-08	5.73E-02
606392	4122320	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-08	4.72E-02
606412	4122320	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-08	4.29E-02
606432	4122320	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	3.87E-02
606452	4122320	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	3.47E-08	3.47E-02
606472	4122320	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
606752	4122320	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-09	7.83E-03
606772	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.21E-09	7.21E-03
606792	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.70E-09	6.70E-03
606812	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.26E-09	6.26E-03
606832	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.87E-09	5.87E-03
606852	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-09	5.52E-03
606872	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-09	5.22E-03
606892	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.94E-09	4.94E-03

606912	4122320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-09	4.70E-03
605632	4122340	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
605652	4122340	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
605672	4122340	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-08	2.65E-02
605692	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.82E-08	2.82E-02
605712	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.99E-02
605732	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
605752	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-08	3.32E-02
605772	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-08	3.51E-02
605792	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
605812	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-08	3.87E-02
605832	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.05E-08	4.05E-02
605852	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-08	4.21E-02
605872	4122340	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-08	4.36E-02
605892	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-08	4.51E-02
605912	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-08	4.64E-02
605932	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-08	4.79E-02
605952	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.91E-08	4.91E-02
605972	4122340	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	5.01E-08	5.01E-02
606692	4122340	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.55E-09	9.55E-03
606712	4122340	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-09	8.59E-03
606732	4122340	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-09	7.83E-03
606752	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-09	7.23E-03
606772	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-09	6.71E-03
606792	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.27E-09	6.27E-03
606812	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.88E-09	5.88E-03
606832	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.54E-09	5.54E-03
606852	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.23E-09	5.23E-03
606872	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	4.95E-03
606892	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.70E-09	4.70E-03
606912	4122340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.47E-09	4.47E-03
605632	4122360	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
605652	4122360	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-08	2.51E-02
605672	4122360	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-08	2.65E-02
605692	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.80E-08	2.80E-02
605712	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-08	2.95E-02
605732	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-08	3.10E-02
605752	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-08	3.25E-02
605772	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-08	3.40E-02
605792	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-08	3.55E-02
605812	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.70E-08	3.70E-02
605832	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-08	3.85E-02
605852	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	4.00E-02
605872	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-08	4.13E-02
605892	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-08	4.25E-02
605912	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-08	4.35E-02
605952	4122360	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-08	4.58E-02
606632	4122360	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606652	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.11E-08	1.11E-02
606672	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.76E-09	9.76E-03
606692	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.72E-09	8.72E-03
606712	4122360	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.94E-09	7.94E-03
606732	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.29E-09	7.29E-03
606772	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.30E-09	6.30E-03
606792	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.91E-09	5.91E-03
606812	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.56E-09	5.56E-03
606832	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-09	5.24E-03
606852	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.97E-09	4.97E-03
606872	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-09	4.71E-03
606892	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-09	4.49E-03
606912	4122360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.28E-09	4.28E-03
605632	4122380	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
605652	4122380	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
605672	4122380	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.63E-08	2.63E-02
605692	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
605712	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.90E-08	2.90E-02
605732	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
605752	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
605772	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-08	3.29E-02
605792	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-08	3.43E-02
605812	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-08	3.55E-02
605832	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.68E-08	3.68E-02
605852	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.80E-08	3.80E-02
605872	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.90E-08	3.90E-02
605892	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	4.00E-02
605912	4122380	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-08	4.09E-02
606572	4122380	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
606592	4122380	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
606612	4122380	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606632	4122380	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.14E-08	1.14E-02
606652	4122380	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-08	1.00E-02
606752	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.36E-09	6.36E-03
606772	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-09	5.95E-03
606792	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.58E-09	5.58E-03
606812	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-09	5.27E-03
606832	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-09	4.99E-03
606852	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-09	4.74E-03
606872	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	4.50E-03
606892	4122380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.29E-09	4.29E-03
605632	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
605652	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
605672	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
605692	4122400	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02

605712	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.84E-08	2.84E-02
605732	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-08	2.96E-02
605752	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	3.07E-02
605772	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-08	3.18E-02
605792	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-08	3.30E-02
605812	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-08	3.41E-02
605832	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-08	3.51E-02
605852	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-08	3.61E-02
605872	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-08	3.69E-02
605892	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.77E-08	3.77E-02
605912	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.85E-08	3.85E-02
605932	4122400	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.94E-08	3.94E-02
606512	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.79E-08	1.79E-02
606532	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
606552	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606572	4122400	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
606592	4122400	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
606692	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-09	7.58E-03
606712	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-09	6.96E-03
606732	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.45E-09	6.45E-03
606752	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.02E-09	6.02E-03
606772	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.64E-09	5.64E-03
606792	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-09	5.31E-03
606812	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-09	5.02E-03
606832	4122400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-09	4.76E-03
605632	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-08	2.34E-02
605652	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	2.45E-02
605672	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-08	2.56E-02
605692	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.67E-08	2.67E-02
605712	4122420	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
605732	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.88E-08	2.88E-02
605752	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.97E-08	2.97E-02
605772	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.07E-08	3.07E-02
605792	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-08	3.16E-02
605812	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-08	3.26E-02
605832	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-08	3.34E-02
605852	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-08	3.43E-02
605872	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-08	3.51E-02
605892	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.58E-08	3.58E-02
605912	4122420	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-08	3.64E-02
606452	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
606472	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.86E-08	1.86E-02
606492	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
606512	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
606532	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
606552	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
606632	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.41E-09	9.41E-03
606652	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-09	8.52E-03
606672	4122420	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-09	7.78E-03
606692	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.12E-09	7.12E-03
606712	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.59E-09	6.59E-03
606732	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-09	6.12E-03
606752	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.72E-09	5.72E-03
606772	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-09	5.37E-03
606852	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-09	4.34E-03
606872	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	4.14E-03
606892	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.95E-09	3.95E-03
606912	4122420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.79E-09	3.79E-03
605632	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-08	2.31E-02
605652	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-08	2.41E-02
605672	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-08	2.50E-02
605692	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.60E-08	2.60E-02
605712	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.70E-02
605732	4122440	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.79E-08	2.79E-02
605752	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-08	2.87E-02
605772	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-08	2.96E-02
605792	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.04E-08	3.04E-02
605812	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.12E-08	3.12E-02
605832	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.20E-08	3.20E-02
605852	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	3.27E-02
605872	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.33E-08	3.33E-02
605892	4122440	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-08	3.38E-02
606452	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.81E-08	1.81E-02
606472	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606492	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
606552	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606612	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.53E-09	9.53E-03
606632	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.71E-09	8.71E-03
606652	4122440	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.96E-09	7.96E-03
606672	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.32E-09	7.32E-03
606692	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.74E-09	6.74E-03
606712	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-09	6.25E-03
606732	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-09	5.83E-03
606812	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.61E-09	4.61E-03
606832	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.38E-09	4.38E-03
606852	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-09	4.17E-03
606872	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.98E-09	3.98E-03
606892	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-09	3.81E-03
606912	4122440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-09	3.65E-03
605632	4122460	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
605652	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-08	2.36E-02
605672	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.45E-08	2.45E-02
605692	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.53E-08	2.53E-02

605712	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
605732	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.70E-08	2.70E-02
605752	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.77E-08	2.77E-02
605772	4122460	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-08	2.85E-02
605792	4122460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-08	2.92E-02
605812	4122460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.99E-08	2.99E-02
605832	4122460	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-08	3.05E-02
606392	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	2.01E-02
606412	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.89E-08	1.89E-02
606432	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.77E-08	1.77E-02
606552	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606572	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606592	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.60E-09	9.60E-03
606612	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-09	8.83E-03
606632	4122460	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.13E-09	8.13E-03
606652	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.48E-09	7.48E-03
606672	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.91E-09	6.91E-03
606752	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-09	5.24E-03
606772	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.93E-09	4.93E-03
606792	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-09	4.67E-03
606812	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-09	4.43E-03
606832	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	4.21E-03
606852	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-09	4.02E-03
606872	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.84E-09	3.84E-03
606892	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.67E-09	3.67E-03
606912	4122460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-09	3.53E-03
606332	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606352	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
606372	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
606392	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
606412	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.73E-08	1.73E-02
606432	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606452	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606472	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
606512	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606532	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
606552	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606572	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.65E-09	9.65E-03
606592	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.93E-09	8.93E-03
606612	4122480	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.27E-09	8.27E-03
606672	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-09	6.56E-03
606692	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-09	6.10E-03
606712	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-09	5.70E-03
606732	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-09	5.34E-03
606752	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-09	5.02E-03
606772	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.74E-09	4.74E-03
606792	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.49E-09	4.49E-03
606812	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.26E-09	4.26E-03
606832	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-09	4.06E-03
606852	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.88E-09	3.88E-03
606872	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.71E-09	3.71E-03
606892	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-09	3.55E-03
606912	4122480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.41E-09	3.41E-03
606332	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-08	1.96E-02
606372	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
606392	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
606412	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
606432	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
606472	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606492	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606512	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-08	1.12E-02
606532	4122500	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
606632	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-09	7.22E-03
606652	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.71E-09	6.71E-03
606672	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-09	6.24E-03
606692	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-09	5.83E-03
606712	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.46E-09	5.46E-03
606732	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-09	5.13E-03
606752	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.83E-09	4.83E-03
606772	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-09	4.57E-03
606792	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.34E-09	4.34E-03
606812	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.12E-09	4.12E-03
606832	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-09	3.93E-03
606852	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	3.75E-03
606872	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	3.59E-03
606892	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-09	3.44E-03
606912	4122500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.31E-09	3.31E-03
606272	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
606292	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-08	1.97E-02
606392	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606412	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
606432	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
606472	4122520	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
606552	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.10E-09	9.10E-03
606572	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-09	8.48E-03
606592	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-09	7.90E-03
606612	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-09	7.35E-03
606632	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-09	6.85E-03
606652	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.39E-09	6.39E-03
606672	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.96E-09	5.96E-03
606692	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-09	5.57E-03
606712	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.24E-09	5.24E-03
606732	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.94E-09	4.94E-03

606752	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.66E-09	4.66E-03
606772	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.42E-09	4.42E-03
606792	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.20E-09	4.20E-03
606812	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.99E-09	3.99E-03
606832	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-09	3.81E-03
606852	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.64E-09	3.64E-03
606872	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.48E-09	3.48E-03
606892	4122520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-09	3.34E-03
606272	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
606292	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606312	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
606332	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
606352	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
606372	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606392	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
606412	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
606432	4122540	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
606492	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
606512	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.80E-09	9.80E-03
606532	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.16E-09	9.16E-03
606552	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.55E-09	8.55E-03
606572	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.99E-09	7.99E-03
606592	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.47E-09	7.47E-03
606612	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.97E-09	6.97E-03
606632	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.52E-09	6.52E-03
606652	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.09E-09	6.09E-03
606672	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-09	5.71E-03
606692	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-09	5.36E-03
606712	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-09	5.04E-03
606732	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.76E-09	4.76E-03
606752	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.51E-09	4.51E-03
606772	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.27E-09	4.27E-03
606792	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.06E-09	4.06E-03
606812	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.87E-09	3.87E-03
606832	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	3.69E-03
606852	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-09	3.53E-03
606872	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.38E-09	3.38E-03
606892	4122540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	3.25E-03
605632	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.01E-08	2.01E-02
605652	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.06E-08	2.06E-02
605672	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
605692	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
605712	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.19E-08	2.19E-02
605732	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.23E-08	2.23E-02
605752	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
605772	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.30E-08	2.30E-02
605792	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.33E-08	2.33E-02
605812	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
605832	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.37E-08	2.37E-02
605852	4122560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.39E-08	2.39E-02
606292	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606312	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
606332	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606352	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
606492	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.84E-09	9.84E-03
606512	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	9.21E-09	9.21E-03
606532	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.63E-09	8.63E-03
606552	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	8.07E-09	8.07E-03
606572	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.56E-09	7.56E-03
606592	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	7.08E-09	7.08E-03
606612	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	6.63E-09	6.63E-03
606632	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.22E-09	6.22E-03
606652	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.83E-09	5.83E-03
606672	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-09	5.48E-03
606692	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-09	5.16E-03
606712	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.86E-09	4.86E-03
606732	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.60E-09	4.60E-03
606752	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.35E-09	4.35E-03
606772	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.14E-09	4.14E-03
606792	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-09	3.93E-03
606812	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	3.75E-03
606832	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	3.59E-03
606852	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-09	3.43E-03
606872	4122560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	3.29E-03
605632	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.95E-02
605652	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.00E-08	2.00E-02
605672	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
605692	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.07E-08	2.07E-02
605712	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.11E-08	2.11E-02
605732	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.14E-08	2.14E-02
605752	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.17E-08	2.17E-02
605772	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.20E-08	2.20E-02
605792	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.22E-08	2.22E-02
605812	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.24E-08	2.24E-02
605832	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.26E-08	2.26E-02
605852	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.27E-08	2.27E-02
605872	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.28E-08	2.28E-02
605892	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.28E-08	2.28E-02
605912	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2.28E-08	2.28E-02
605932	4122580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2.28E-08	2.28E-02
606252	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
606272	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
606292	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02

606312	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
606472	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.85E-09	9.85E-03
606492	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-09	9.25E-03
606512	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.68E-09	8.68E-03
606532	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.16E-09	8.16E-03
606552	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.64E-09	7.64E-03
606572	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-09	7.17E-03
606592	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.73E-09	6.73E-03
606612	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-09	6.33E-03
606632	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-09	5.95E-03
606652	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.59E-09	5.59E-03
606672	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-09	5.27E-03
606692	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.96E-09	4.96E-03
606712	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.69E-09	4.69E-03
606732	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-09	4.44E-03
606752	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.22E-09	4.22E-03
606772	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.01E-09	4.01E-03
606792	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-09	3.82E-03
606812	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-09	3.65E-03
606832	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-09	3.49E-03
606852	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-09	3.34E-03
606992	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.57E-09	2.57E-03
607012	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-09	2.49E-03
607032	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	2.41E-03
607052	4122580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.34E-09	2.34E-03
605932	4122600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-08	2.15E-02
606252	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
606272	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
606292	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
606312	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
606412	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606432	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606452	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.86E-09	9.86E-03
606472	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-09	9.29E-03
606492	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.74E-09	8.74E-03
606512	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.22E-09	8.22E-03
606532	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.73E-09	7.73E-03
606552	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.27E-09	7.27E-03
606572	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.84E-09	6.84E-03
606592	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.44E-09	6.44E-03
606612	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-09	6.06E-03
606632	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.70E-09	5.70E-03
606652	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.37E-09	5.37E-03
606672	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-09	5.07E-03
606692	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.79E-09	4.79E-03
606712	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.54E-09	4.54E-03
606992	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.51E-09	2.51E-03
607012	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.43E-09	2.43E-03
607032	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-09	2.35E-03
607052	4122600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	2.29E-03
605632	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02
605652	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.87E-02
605672	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-08	1.90E-02
605692	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
605712	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-08	1.95E-02
605752	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-08	1.99E-02
605772	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-08	2.01E-02
605792	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-08	2.02E-02
605812	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	2.03E-02
605832	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-08	2.04E-02
605852	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	2.05E-02
605872	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	2.05E-02
605892	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	2.05E-02
605932	4122620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-08	2.03E-02
606232	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606252	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-08	1.48E-02
606272	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.42E-02
606292	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.37E-08	1.37E-02
606312	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-08	1.32E-02
606352	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606372	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-08	1.15E-02
606412	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606432	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.84E-09	9.84E-03
606452	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.31E-09	9.31E-03
606472	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-09	8.79E-03
606492	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.27E-09	8.27E-03
606512	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.79E-09	7.79E-03
606532	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.35E-09	7.35E-03
606552	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.93E-09	6.93E-03
606572	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-09	6.53E-03
606592	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.16E-09	6.16E-03
606612	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.81E-09	5.81E-03
606632	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.48E-09	5.48E-03
606652	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.17E-09	5.17E-03
606672	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	4.89E-03
606692	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-09	4.64E-03
606992	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-09	2.46E-03
607012	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-09	2.38E-03
607032	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	2.31E-03
607052	4122620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-09	2.24E-03
605632	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
605652	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
605672	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02

605692	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
605712	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.87E-08	1.87E-02
605752	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-08	1.91E-02
605772	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
605792	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-08	1.93E-02
605812	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
605832	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
605852	4122640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
605872	4122640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
605892	4122640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-08	1.94E-02
605932	4122640	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02
606232	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
606252	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
606272	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
606292	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-08	1.28E-02
606312	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606352	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606412	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-09	9.79E-03
606432	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-09	9.29E-03
606452	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.80E-09	8.80E-03
606472	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.33E-09	8.33E-03
606492	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.86E-09	7.86E-03
606512	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.42E-09	7.42E-03
606532	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.00E-09	7.00E-03
606552	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-09	6.62E-03
606572	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-09	6.24E-03
606592	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.90E-09	5.90E-03
606612	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.57E-09	5.57E-03
606632	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.27E-09	5.27E-03
606652	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-09	4.99E-03
606672	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-09	4.73E-03
606732	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.05E-09	4.05E-03
606752	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-09	3.86E-03
606772	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	3.69E-03
606852	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-09	3.10E-03
606872	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	2.98E-03
606992	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	2.41E-03
607012	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	2.33E-03
607032	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	2.26E-03
607052	4122640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	2.19E-03
605632	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
605652	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-08	1.74E-02
605672	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
605692	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.78E-08	1.78E-02
605712	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.80E-08	1.80E-02
605752	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.83E-08	1.83E-02
605772	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
605792	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
605812	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
605832	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
605852	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-08	1.85E-02
605872	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
605892	4122660	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.84E-08	1.84E-02
605932	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.82E-08	1.82E-02
606252	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606272	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
606292	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
606312	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606352	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
606412	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.25E-09	9.25E-03
606432	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.79E-09	8.79E-03
606452	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.34E-09	8.34E-03
606472	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-09	7.90E-03
606492	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.49E-09	7.49E-03
606512	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.07E-09	7.07E-03
606532	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.69E-09	6.69E-03
606552	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-09	6.33E-03
606572	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.99E-09	5.99E-03
606592	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-09	5.66E-03
606612	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.36E-09	5.36E-03
606632	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.08E-09	5.08E-03
606652	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-09	4.81E-03
606672	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-09	4.57E-03
606712	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.13E-09	4.13E-03
606732	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.93E-09	3.93E-03
606752	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.75E-09	3.75E-03
606772	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	3.59E-03
606792	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-09	3.43E-03
606832	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.15E-09	3.15E-03
606852	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	3.03E-03
606872	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.91E-09	2.91E-03
606892	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	2.81E-03
606992	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.36E-09	2.36E-03
607012	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.28E-09	2.28E-03
607032	4122660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	2.22E-03
605632	4122680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
605652	4122680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
605672	4122680	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02
605852	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.76E-08	1.76E-02
605872	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.75E-08	1.75E-02
605892	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.74E-08	1.74E-02
605932	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.72E-08	1.72E-02
605952	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.70E-08	1.70E-02

605972	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.69E-08	1.69E-02
606252	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
606272	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
606312	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02
606352	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
606372	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.63E-09	9.63E-03
606392	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.20E-09	9.20E-03
606412	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.76E-09	8.76E-03
606432	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.34E-09	8.34E-03
606452	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-09	7.92E-03
606472	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.52E-09	7.52E-03
606492	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.14E-09	7.14E-03
606512	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.75E-09	6.75E-03
606532	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-09	6.40E-03
606552	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.06E-09	6.06E-03
606572	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.75E-09	5.75E-03
606592	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-09	5.45E-03
606612	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.16E-09	5.16E-03
606632	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.90E-09	4.90E-03
606652	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-09	4.65E-03
606732	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.82E-09	3.82E-03
606752	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.65E-09	3.65E-03
606772	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-09	3.49E-03
606792	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.34E-09	3.34E-03
606812	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.21E-09	3.21E-03
606832	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.08E-09	3.08E-03
606852	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.96E-09	2.96E-03
606872	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.85E-09	2.85E-03
606892	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.74E-09	2.74E-03
606992	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.31E-09	2.31E-03
607012	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-09	2.24E-03
607032	4122680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.17E-09	2.17E-03
605632	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605652	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.62E-08	1.62E-02
605672	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
605692	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
605712	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
605752	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605772	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
605792	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
605812	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-08	1.68E-02
605852	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.67E-08	1.67E-02
605872	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.66E-08	1.66E-02
605892	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.65E-08	1.65E-02
605932	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.63E-08	1.63E-02
605952	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-08	1.61E-02
605972	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
605992	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
606012	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
606032	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
606112	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
606132	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
606412	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.32E-09	8.32E-03
606432	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.93E-09	7.93E-03
606452	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-09	7.54E-03
606472	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-09	7.17E-03
606492	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-09	6.82E-03
606512	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.47E-09	6.47E-03
606532	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.13E-09	6.13E-03
606552	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.82E-09	5.82E-03
606572	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.53E-09	5.53E-03
606592	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.25E-09	5.25E-03
606612	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-09	4.98E-03
606632	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.73E-09	4.73E-03
606652	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	4.50E-03
606732	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.72E-09	3.72E-03
606752	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-09	3.55E-03
606772	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-09	3.40E-03
606792	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.26E-09	3.26E-03
606812	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-09	3.13E-03
606832	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.00E-09	3.00E-03
606852	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-09	2.89E-03
606872	4122700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.78E-09	2.78E-03
605632	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.55E-08	1.55E-02
605652	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.56E-08	1.56E-02
605672	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
605692	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
605712	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.59E-08	1.59E-02
605752	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605812	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.60E-08	1.60E-02
605872	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.58E-08	1.58E-02
605892	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-08	1.57E-02
605952	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605972	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605992	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
606112	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.33E-08	1.33E-02
606132	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
606152	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
606172	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606192	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
606212	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606232	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606252	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-08	1.09E-02

606272	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
606292	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.02E-02
606312	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-09	9.79E-03
606352	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.04E-09	9.04E-03
606372	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-09	8.66E-03
606412	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.91E-09	7.91E-03
606432	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.55E-09	7.55E-03
606452	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.20E-09	7.20E-03
606472	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.85E-09	6.85E-03
606492	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.52E-09	6.52E-03
606512	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.20E-09	6.20E-03
606532	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.89E-09	5.89E-03
606552	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.60E-09	5.60E-03
606572	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.32E-09	5.32E-03
606592	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.06E-09	5.06E-03
606612	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-09	4.81E-03
606632	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.58E-09	4.58E-03
606652	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.36E-09	4.36E-03
606732	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.62E-09	3.62E-03
606752	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.46E-09	3.46E-03
606772	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.32E-09	3.32E-03
606792	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-09	3.18E-03
606812	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	3.05E-03
606832	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.94E-09	2.94E-03
606852	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.83E-09	2.83E-03
607032	4122720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	2.10E-03
605632	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605652	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605672	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.51E-08	1.51E-02
605692	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.52E-08	1.52E-02
605712	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605752	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605812	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-08	1.53E-02
605872	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.50E-08	1.50E-02
605892	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.49E-08	1.49E-02
605952	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605972	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605992	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
606112	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.26E-02
606132	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
606152	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
606172	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
606192	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606212	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606232	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
606252	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.03E-08	1.03E-02
606272	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.99E-09	9.99E-03
606292	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-09	9.64E-03
606312	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.29E-09	9.29E-03
606352	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-09	8.59E-03
606392	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-09	7.90E-03
606412	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-09	7.54E-03
606432	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.21E-09	7.21E-03
606452	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-09	6.88E-03
606472	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.56E-09	6.56E-03
606492	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.25E-09	6.25E-03
606512	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.95E-09	5.95E-03
606532	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.66E-09	5.66E-03
606552	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.39E-09	5.39E-03
606572	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.13E-09	5.13E-03
606592	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.89E-09	4.89E-03
606612	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.65E-09	4.65E-03
606632	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.43E-09	4.43E-03
606732	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.52E-09	3.52E-03
606752	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-09	3.37E-03
606772	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.23E-09	3.23E-03
606792	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-09	3.10E-03
606812	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	2.98E-03
606832	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.87E-09	2.87E-03
606952	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	2.33E-03
606972	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	2.26E-03
606992	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	2.19E-03
607012	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	2.13E-03
607032	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	2.06E-03
607052	4122740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	2.01E-03
605632	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.44E-08	1.44E-02
605652	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605672	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605692	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605712	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605752	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
605772	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.47E-08	1.47E-02
605812	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.46E-08	1.46E-02
605832	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-08	1.45E-02
605872	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.43E-08	1.43E-02
605892	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-08	1.42E-02
605912	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
605952	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.38E-08	1.38E-02
605972	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
605992	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
606112	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.19E-02
606132	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606152	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02

606172	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606192	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
606212	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-08	1.04E-02
606232	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-08	1.01E-02
606252	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.80E-09	9.80E-03
606272	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.48E-09	9.48E-03
606292	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.15E-09	9.15E-03
606312	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.83E-09	8.83E-03
606352	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.18E-09	8.18E-03
606392	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.53E-09	7.53E-03
606412	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.21E-09	7.21E-03
606432	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.89E-09	6.89E-03
606452	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.59E-09	6.59E-03
606472	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.29E-09	6.29E-03
606492	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.00E-09	6.00E-03
606512	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.72E-09	5.72E-03
606532	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.45E-09	5.45E-03
606552	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.19E-09	5.19E-03
606572	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	4.95E-03
606592	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.72E-09	4.72E-03
606612	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	4.50E-03
606732	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.43E-09	3.43E-03
606752	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.29E-09	3.29E-03
606772	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.16E-09	3.16E-03
606792	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	3.03E-03
606812	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.92E-09	2.92E-03
606952	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-09	2.29E-03
606972	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.22E-09	2.22E-03
606992	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.15E-09	2.15E-03
607012	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.09E-09	2.09E-03
607032	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.03E-09	2.03E-03
607052	4122760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.97E-09	1.97E-03
605632	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
605652	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
605672	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605692	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605712	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
605752	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-08	1.41E-02
605772	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605792	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.40E-08	1.40E-02
605812	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.39E-08	1.39E-02
605872	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-08	1.36E-02
605892	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605912	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
605952	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.31E-08	1.31E-02
605992	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
606112	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-08	1.13E-02
606132	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-08	1.10E-02
606152	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.08E-08	1.08E-02
606172	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.05E-08	1.05E-02
606192	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-08	1.02E-02
606212	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.91E-09	9.91E-03
606232	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.61E-09	9.61E-03
606252	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.31E-09	9.31E-03
606272	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.02E-09	9.02E-03
606292	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.71E-09	8.71E-03
606312	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-09	8.41E-03
606352	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-09	7.80E-03
606372	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.50E-09	7.50E-03
606392	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-09	7.19E-03
606412	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-09	6.90E-03
606432	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-09	6.60E-03
606452	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.32E-09	6.32E-03
606472	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.04E-09	6.04E-03
606492	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.77E-09	5.77E-03
606512	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.50E-09	5.50E-03
606532	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.26E-09	5.26E-03
606552	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.02E-09	5.02E-03
606572	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.78E-09	4.78E-03
606592	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-09	4.57E-03
606852	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.65E-09	2.65E-03
606872	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-09	2.56E-03
606892	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.47E-09	2.47E-03
606912	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.39E-09	2.39E-03
606932	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.32E-09	2.32E-03
606952	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.25E-09	2.25E-03
606972	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.18E-09	2.18E-03
606992	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-09	2.11E-03
607012	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-09	2.05E-03
607032	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.99E-09	1.99E-03
607052	4122780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.94E-09	1.94E-03
605632	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
605652	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
605672	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605692	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605712	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605732	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.35E-08	1.35E-02
605772	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-08	1.34E-02
605872	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605892	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605912	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.27E-08	1.27E-02
605952	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
605992	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02

606032	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
606112	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-08	1.07E-02
606352	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.45E-09	7.45E-03
606372	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.17E-09	7.17E-03
606392	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.88E-09	6.88E-03
606412	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.61E-09	6.61E-03
606432	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.33E-09	6.33E-03
606452	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.07E-09	6.07E-03
606472	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-09	5.80E-03
606492	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.55E-09	5.55E-03
606512	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.31E-09	5.31E-03
606532	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-09	5.07E-03
606552	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.85E-09	4.85E-03
606572	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-09	4.63E-03
606672	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.69E-09	3.69E-03
606692	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.54E-09	3.54E-03
606712	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.39E-09	3.39E-03
606732	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.25E-09	3.25E-03
606752	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.13E-09	3.13E-03
606852	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.59E-09	2.59E-03
606872	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.50E-09	2.50E-03
606892	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.42E-09	2.42E-03
606912	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-09	2.35E-03
606932	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.27E-09	2.27E-03
606952	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.20E-09	2.20E-03
606972	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.14E-09	2.14E-03
606992	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.08E-09	2.08E-03
607012	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.02E-09	2.02E-03
607032	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.96E-09	1.96E-03
607052	4122800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-09	1.91E-03
605632	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605652	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605672	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605692	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605712	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.30E-08	1.30E-02
605732	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.29E-08	1.29E-02
605832	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.26E-08	1.26E-02
605852	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605872	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
605892	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.23E-08	1.23E-02
605912	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
605952	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.19E-08	1.19E-02
606672	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.59E-09	3.59E-03
606692	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-09	3.44E-03
606712	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-09	3.30E-03
606732	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.17E-09	3.17E-03
606752	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.05E-09	3.05E-03
606852	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.54E-09	2.54E-03
606872	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.46E-09	2.46E-03
606892	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.38E-09	2.38E-03
606912	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.30E-09	2.30E-03
606932	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.23E-09	2.23E-03
606952	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.16E-09	2.16E-03
606972	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.10E-09	2.10E-03
606992	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.04E-09	2.04E-03
607012	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.98E-09	1.98E-03
607032	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.93E-09	1.93E-03
607052	4122820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.88E-09	1.88E-03
605632	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
605652	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605672	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605692	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.25E-08	1.25E-02
605712	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.24E-08	1.24E-02
605792	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
605812	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.22E-08	1.22E-02
605832	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.21E-08	1.21E-02
605852	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.20E-08	1.20E-02
605872	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.18E-08	1.18E-02
605892	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.17E-08	1.17E-02
605912	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	1.16E-08	1.16E-02
606092	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.96E-09	9.96E-03
606112	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.75E-09	9.75E-03
606192	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.82E-09	8.82E-03
606212	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.57E-09	8.57E-03
606252	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.08E-09	8.08E-03
606272	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-09	7.83E-03
606292	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-09	7.58E-03
606312	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.33E-09	7.33E-03
606332	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.08E-09	7.08E-03
606352	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-09	6.83E-03
606372	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.58E-09	6.58E-03
606392	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.34E-09	6.34E-03
606412	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.09E-09	6.09E-03
606432	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.85E-09	5.85E-03
606452	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.62E-09	5.62E-03
606672	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.50E-09	3.50E-03
606692	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.36E-09	3.36E-03
606712	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.22E-09	3.22E-03
606732	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.10E-09	3.10E-03
606752	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.98E-09	2.98E-03
606852	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.49E-09	2.49E-03
606872	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.41E-09	2.41E-03
606892	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.33E-09	2.33E-03

606912	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.26E-09	2.26E-03
606932	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.19E-09	2.19E-03
606952	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.13E-09	2.13E-03
606972	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.06E-09	2.06E-03
606992	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.01E-09	2.01E-03
607012	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.95E-09	1.95E-03
607032	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.90E-09	1.90E-03
607052	4122840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.85E-09	1.85E-03
606158	4121900	0.000	0.000	0.011	0.010	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-07	3.03E-01
606169	4121883	0.000	0.000	0.009	0.008	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.52E-07	2.52E-01
606132	4121801	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-08	2.89E-02
606385	4122113	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.67E-08	4.67E-02
606405	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.00E-08	4.00E-02
606425	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.44E-08	3.44E-02
606445	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.09E-08	3.09E-02
606465	4122113	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-08	2.72E-02
606385	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-08	3.97E-02
606405	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.49E-08	3.49E-02
606425	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.06E-08	3.06E-02
606445	4122133	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.75E-08	2.75E-02
606465	4122133	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.44E-08	2.44E-02
606385	4122153	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.53E-08	3.53E-02
606405	4122153	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-08	3.19E-02
606425	4122153	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-08	2.81E-02
606445	4122153	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.48E-08	2.48E-02
606465	4122153	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.21E-08	2.21E-02
606385	4122173	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.27E-08	3.27E-02
606405	4122173	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-08	2.89E-02
606425	4122173	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.56E-08	2.56E-02
606445	4122173	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.29E-08	2.29E-02
606465	4122173	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.05E-08	2.05E-02
606385	4122193	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.93E-08	2.93E-02
606405	4122193	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.62E-08	2.62E-02
606425	4122193	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.35E-08	2.35E-02
606445	4122193	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.12E-08	2.12E-02
606465	4122193	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-08	1.92E-02

Kaiser San José
Construction Health Risk Calculations - School & Daycare Unmitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

					Daycare		School				DPM		$PM_{2.5}$	
					Exposure Duration (Days)									
			Start Date		10/1/2024	8/20/2026	2/3/2025							
			Stop Date		8/19/2026	7/16/2028	7/16/2028				Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Source	AERMOD Source	Year	Start Date	End Date	0<2	2<16	2<16	Exposure Duration	Calendar Days	Workdays	Uncontrolled	Uncontrolled	Uncontrolled	Uncontrolled
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.01	0.005	0.01	0.004
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	331	0	331	331	331	238	0.07	0.007	0.06	0.006
	PAREA1	2026	1/1/2026	12/31/2026	231	133	364	364	364	261	0.06	0.006	0.06	0.005
	PAREA1	2027	1/1/2027	12/31/2027	0	364	364	364	364	261	0.04	0.004	0.04	0.003
	PAREA1	2028	1/1/2028	3/15/2028	0	74	74	74	74	53	0.01	0.003	0.00	0.002
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	331	0	331	331	331	238	0.00	0.000	0.05	0.005
	PAREA2	2026	1/1/2026	12/31/2026	231	133	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2027	1/1/2027	12/31/2027	0	364	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2028	1/1/2028	3/15/2028	0	74	74	74	74	53	0.00	0.000	0.00	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	0	123	123	123	123	88	0.05	0.014	0.05	0.013
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	0	123	123	123	123	88	0.00	0.000	0.02	0.006
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
	SLINE1	2025	2/3/2025	12/31/2025	331	0	331	331	331	238	0.00	0.000	0.00	0.000
	SLINE1	2026	1/1/2026	12/31/2026	231	133	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2027	1/1/2027	12/31/2027	0	364	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2028	1/1/2028	3/15/2028	0	74	74	74	74	53	0.00	0.000	0.00	0.000

Cancer Risk Factors

	Abbreviation	UOM	0<2	2<16	
Daily Breathing Rate (8 hour)	DBR	L/kg-day	1200	520	95th percentile for both age groups
Modeling Adjustment Factor	MAF	unitless	4.2	4.2	Worst case
Exposure Frequency	EF	days/year	0.96	0.68	
Age Sensitivity Factor	ASF	unitless	10	3	
Inhalation Absorption Factor	A	unitless	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	mg/kg-day $^{-1}$	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	70.00	

Bright Horizons Daycare	6 weeks to 5 years
Venegas Family Daycare	6 weeks to 5 years
Santa Teresa Elementary	5 to 12 years (grades K to 6)

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February 2015
Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).
Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.
Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*MAF*EF*ED*ASF*A*CF/AT

	Daycare		School
AERMOD Source	0<2	2<16	2<16
PAREA6	0.172	0.000	0.000
PAREA7	0.172	0.000	0.000
PAREA1	0.626	0.000	0.058
PAREA1	0.437	0.023	0.064
PAREA1	0.000	0.064	0.064
PAREA1	0.000	0.013	0.013
PAREA2	0.626	0.000	0.058
PAREA2	0.437	0.023	0.064
PAREA2	0.000	0.064	0.064
PAREA2	0.000	0.013	0.013
PAREA3	0.000	0.022	0.022
PAREA4	0.000	0.022	0.022
SLINE1	0.172	0.000	0.000
SLINE1	0.626	0.000	0.058
SLINE1	0.437	0.023	0.064
SLINE1	0.000	0.064	0.064
SLINE1	0.000	0.013	0.013

Risk Calculation Part 1, R1 = IF*CPF*CF

	Daycare		School
	0<2	2<16	2<16
	1.89E-04	0.00E+00	0.00E+00
	1.89E-04	0.00E+00	0.00E+00
	6.89E-04	0.00E+00	6.40E-05
	4.80E-04	2.57E-05	7.03E-05
	0.00E+00	7.03E-05	7.03E-05
	0.00E+00	1.43E-05	1.43E-05
	6.89E-04	0.00E+00	6.40E-05
	4.80E-04	2.57E-05	7.03E-05
	0.00E+00	7.03E-05	7.03E-05
	0.00E+00	1.43E-05	1.43E-05
	0.00E+00	2.38E-05	2.38E-05
	0.00E+00	2.38E-05	2.38E-05
	1.89E-04	0.00E+00	0.00E+00
	6.89E-04	0.00E+00	6.40E-05
	4.80E-04	2.57E-05	7.03E-05
	0.00E+00	7.03E-05	7.03E-05
	0.00E+00	1.43E-05	1.43E-05

MEIR	Cancer Risk	UTM X	UTM Y
Santa Teresa Elementary	1.15	606832.2	4121580.0
Venegas Family Daycare	2.40	605672.2	4121940.0
Bright Horizons Daycare	27.86	606672.2	4122160.0
Tulip Kids Academy	10.30	606052.2	4121880.0

HI	UTM X	UTM Y
0.002	606912.2	4121640.0
0.000	605672.2	4121940.0
0.026	606672.2	4122160.0
0.002	606052.2	4121880.0

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.009	606912.2	4121640.0
0.003	605672.2	4121940.0
0.123	606672.2	4122160.0
0.013	606052.2	4121880.0

Annual $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

		Project Construction																	
X (UTM)	Y (UTM)	PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	$PM_{2.5}$ Conc.	
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2024	2025	2026	2027	2028	$\mu g/m^3$	
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Max. Annual
606912.2	4121640.0	0.001	0.000	0.005	0.004	0.003	0.002	0.003	0.000	0.000	0.000	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.009 Santa Teresa Elementary
605672.2	4121940.0	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003 Venegas Family Daycare
606672.2	4122160.0	0.122	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.020	0.008	0.000	0.000	0.000	0.000	0.000	0.123 Bright Horizons Daycare
606052.2	4121880.0	0.000	0.000	0.008	0.007	0.004	0.003	0.004	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.013 Tulip Kids Academy

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

		Project Construction																	Risk Calculation Part 2		
X (UTM)	Y (UTM)	PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1		Cancer Risk = ΣR1*C_{DPM}		HI
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2024	2025	2026	2027	2028		2<16	Total	C_{DPM}/REL
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			unitless
606852	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.40E-07	9.40E-01	0.001
606872	4121520	0.000	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.17E-07	9.17E-01	0.001
606892	4121520	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.94E-07	8.94E-01	0.001
606912	4121520	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.67E-07	8.67E-01	0.001
606932	4121520	0.001	0.000	0.005	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	8.39E-07	8.39E-01	0.001
606852	4121540	0.000	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.98E-07	9.98E-01	0.001
606872	4121540	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.69E-07	9.69E-01	0.001

606892	4121540	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	9.38E-07	9.38E-01	0.001
606912	4121540	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.05E-07	9.05E-01	0.001
606872	4121560	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.02E-06	1.02E+00	0.001
606892	4121560	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.77E-07	9.77E-01	0.001
606912	4121560	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-07	9.37E-01	0.001
606832	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.15E-06	1.15E+00	0.001
606852	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.10E-06	1.10E+00	0.001
606872	4121580	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-06	1.06E+00	0.001
606892	4121580	0.001	0.000	0.005	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-06	1.01E+00	0.001
606912	4121580	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-07	9.64E-01	0.001
606872	4121600	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.09E-06	1.09E+00	0.001
606892	4121600	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.04E-06	1.04E+00	0.001
606912	4121600	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.87E-07	9.87E-01	0.001
606932	4121600	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.37E-07	9.37E-01	0.001
606872	4121620	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.12E-06	1.12E+00	0.001
606892	4121620	0.001	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.06E-06	1.06E+00	0.001
606912	4121620	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.00E-06	1.00E+00	0.001
606932	4121620	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	9.46E-07	9.46E-01	0.001
606912	4121640	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1.01E-06	1.01E+00	0.002
606932	4121640	0.001	0.000	0.005	0.004	0.003	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	9.47E-07	9.47E-01	0.001

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum R1*C_{DPM}$		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	0<2	2<16	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
605652	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.11E-06	1.46E-07	2.25E+00
605672	4121940	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2.24E-06	1.54E-07	2.40E+00

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum R1*C_{DPM}$		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	0<2	2<16	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
606652	4122140	0.062	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-05	9.66E-07	1.52E+01
606672	4122140	0.077	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	1.68E-05	7.95E-07	1.77E+01
606652	4122160	0.129	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	2.68E-05	7.78E-07	2.75E+01
606672	4122160	0.132	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.72E-05	6.53E-07	2.79E+01

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum R1*C_{DPM}$		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	0<2	2<16	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
606032	4121860	0.000	0.000	0.006	0.005	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	6.60E-06	4.13E-07	7.01E+00
606052	4121860	0.000	0.000	0.007	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	7.62E-06	4.73E-07	8.10E+00
606032	4121880	0.000	0.000	0.007	0.006	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	8.24E-06	5.13E-07	8.75E+00
606052	4121880	0.000	0.000	0.009	0.007	0.005	0.003	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	9.70E-06	5.98E-07	1.03E+01

Kaiser San José
Construction Health Risk Calculations - School & Daycare Mitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

					Daycare		School				DPM		$PM_{2.5}$	
					Exposure Duration (Days)									
				Start Date	10/1/2024	8/20/2026	2/3/2025							
				Stop Date	8/19/2026	7/16/2028	7/16/2028				Emissions (tons)	Emission Rate (g/s)	Emissions (tons)	Emission Rate (g/s)
Source	AERMOD Source	Year	Start Date	End Date	0<2	2<16	2<16	Exposure Duration	Calendar Days	Workdays	Tier 4F	Tier 4F	Tier 4F	Tier 4F
Additional Staging Area - Exhaust	PAREA6	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
Additional Staging Area - Fugitive Dust	PAREA7	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
New Hospital Building & Parking Structure - Exhaust	PAREA1	2025	2/3/2025	12/31/2025	331	0	331	331	331	238	0.01	0.001	0.01	0.001
	PAREA1	2026	1/1/2026	12/31/2026	231	133	364	364	364	261	0.01	0.001	0.01	0.001
	PAREA1	2027	1/1/2027	12/31/2027	0	364	364	364	364	261	0.01	0.001	0.01	0.001
	PAREA1	2028	1/1/2028	3/15/2028	0	74	74	74	74	53	0.00	0.001	0.00	0.001
New Hospital Building & Parking Structure - Fugitive Dust	PAREA2	2025	2/3/2025	12/31/2025	331	0	331	331	331	238	0.00	0.000	0.03	0.003
	PAREA2	2026	1/1/2026	12/31/2026	231	133	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2027	1/1/2027	12/31/2027	0	364	364	364	364	261	0.00	0.000	0.00	0.000
	PAREA2	2028	1/1/2028	3/15/2028	0	74	74	74	74	53	0.00	0.000	0.00	0.000
Existing Hospital Demolition - Exhaust	PAREA3	2028	3/15/2028	7/16/2028	0	123	123	123	123	88	0.01	0.002	0.01	0.002
Existing Hospital Demolition - Fugitive Dust	PAREA4	2028	3/15/2028	7/16/2028	0	123	123	123	123	88	0.00	0.000	0.01	0.004
Construction Truck Trips - Exhaust & Fugitive Dust	SLINE1	2024	10/1/2024	12/31/2024	91	0	0	91	91	66	0.00	0.000	0.00	0.000
	SLINE1	2025	2/3/2025	12/31/2025	331	0	331	331	331	238	0.00	0.000	0.00	0.000
	SLINE1	2026	1/1/2026	12/31/2026	231	133	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2027	1/1/2027	12/31/2027	0	364	364	364	364	261	0.00	0.000	0.00	0.000
	SLINE1	2028	1/1/2028	3/15/2028	0	74	74	74	74	53	0.00	0.000	0.00	0.000

Cancer Risk Factors

	Abbreviation	UOM	0<2	2<16	
Daily Breathing Rate (8 hour)	DBR	L/kg-day	1200	520	95th percentile for both age groups
Modeling Adjustment Factor	MAF	unitless	4.2	4.2	Worst case
Exposure Frequency	EF	days/year	0.96	0.68	
Age Sensitivity Factor	ASF	unitless	10	3	
Inhalation Absorption Factor	A	unitless	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	mg/kg-day^{-1}	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	70.00	

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February 2015
Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).
Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.
Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*MAF*EF*ED*ASF*A*CF/AT

	Daycare		School
AERMOD Source	0<2	2<16	2<16
PAREA6	0.172	0.000	0.000
PAREA7	0.172	0.000	0.000
PAREA1	0.626	0.000	0.058
PAREA1	0.437	0.023	0.064
PAREA1	0.000	0.064	0.064
PAREA1	0.000	0.013	0.013
PAREA2	0.626	0.000	0.058
PAREA2	0.437	0.023	0.064
PAREA2	0.000	0.064	0.064
PAREA2	0.000	0.013	0.013
PAREA3	0.000	0.022	0.022
PAREA4	0.000	0.022	0.022
SLINE1	0.172	0.000	0.000
SLINE1	0.626	0.000	0.058
SLINE1	0.437	0.023	0.064
SLINE1	0.000	0.064	0.064
SLINE1	0.000	0.013	0.013

Risk Calculation Part 1, R1 = IF*CPF*CF

	Daycare		School
	0<2	2<16	2<16
	1.89E-04	0.00E+00	0.00E+00
	1.89E-04	0.00E+00	0.00E+00
	6.89E-04	0.00E+00	6.40E-05
	4.80E-04	2.57E-05	7.03E-05
	0.00E+00	7.03E-05	7.03E-05
	0.00E+00	1.43E-05	1.43E-05
	6.89E-04	0.00E+00	6.40E-05
	4.80E-04	2.57E-05	7.03E-05
	0.00E+00	7.03E-05	7.03E-05
	0.00E+00	1.43E-05	1.43E-05
	0.00E+00	2.38E-05	2.38E-05
	0.00E+00	2.38E-05	2.38E-05
	1.89E-04	0.00E+00	0.00E+00
	6.89E-04	0.00E+00	6.40E-05
	4.80E-04	2.57E-05	7.03E-05
	0.00E+00	7.03E-05	7.03E-05
	0.00E+00	1.43E-05	1.43E-05

MEIR	Cancer Risk	UTM X	UTM Y	HI	UTM X	UTM Y	$PM_{2.5}$ Conc.	UTM X	UTM Y
Santa Teresa Elementary	0.18	606832.2	4121580.0	0.000	606912.2	4121640.0	0.003	606912.2	4121640.0
Venegas Family Daycare	0.37	605672.2	4121940.0	0.000	605672.2	4121940.0	0.001	605672.2	4121940.0
Bright Horozons Daycare	2.02	606652.2	4122160.0	0.0017	606672.2	4122160.0	0.009	606672.2	4122160.0
Tulip Kids Daycare	1.72	606052.2	4121880.0	0.0003	606052.2	4121880.0	0.005	606052.2	4121880.0

Annual $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																	$PM_{2.5}$ Conc.	
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1		
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	$\mu g/m^3$	
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Max. Annual	
606912.2	4121640.0	0.000	0.000	0.001	0.001	0.000	0.000	0.002	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	Santa Teresa Elementary
605672.2	4121940.0	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	Venegas Family Daycare
606672.2	4122160.0	0.008	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.003	0.005	0.000	0.000	0.000	0.000	0.000	0.009	Bright Horozons Daycare
606052.2	4121880.0	0.000	0.000	0.001	0.001	0.001	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.005	Tulip Kids Daycare

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																	Risk Calculation Part 2		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	Cancer Risk = $\sum$R1*C_{DPM}		HI
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028	2<16	Total	C_{DPM}/REL
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			unitless
606852	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01	0.000
606872	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.45E-07	1.45E-01	0.000
606892	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.41E-07	1.41E-01	0.000

606912	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.36E-07	1.36E-01	0.000
606932	4121520	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.32E-07	1.32E-01	0.000
606852	4121540	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01	0.000
606872	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.53E-07	1.53E-01	0.000
606892	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01	0.000
606912	4121540	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.42E-07	1.42E-01	0.000
606872	4121560	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.60E-07	1.60E-01	0.000
606892	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.54E-07	1.54E-01	0.000
606912	4121560	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01	0.000
606832	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.81E-07	1.81E-01	0.000
606852	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.73E-07	1.73E-01	0.000
606872	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01	0.000
606892	4121580	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.59E-07	1.59E-01	0.000
606912	4121580	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.51E-07	1.51E-01	0.000
606872	4121600	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.71E-07	1.71E-01	0.000
606892	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.63E-07	1.63E-01	0.000
606912	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.55E-07	1.55E-01	0.000
606932	4121600	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.47E-07	1.47E-01	0.000
606872	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.75E-07	1.75E-01	0.000
606892	4121620	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.66E-07	1.66E-01	0.000
606912	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01	0.000
606932	4121620	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01	0.000
606912	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.57E-07	1.57E-01	0.000
606932	4121640	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	1.48E-07	1.48E-01	0.000

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum R1*C_{DPM}$		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	0<2	2<16	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
605652	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.19E-07	2.44E-08	3.43E-01
605672	4121940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.40E-07	2.59E-08	3.65E-01

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum R1*C_{DPM}$		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	0<2	2<16	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
606652	4122140	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	1.13E-06	1.39E-07	1.27E+00
606672	4122140	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-06	1.15E-07	1.39E+00
606652	4122160	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	1.91E-06	1.13E-07	2.02E+00
606672	4122160	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	1.92E-06	9.52E-08	2.02E+00

X (UTM)	Y (UTM)	Project Construction																	Cancer Risk = $\sum R1*C_{DPM}$		
		PAREA6	PAREA7	PAREA1	PAREA1	PAREA1	PAREA1	PAREA2	PAREA2	PAREA2	PAREA2	PAREA3	PAREA4	SLINE1	SLINE1	SLINE1	SLINE1	SLINE1	0<2	2<16	Total
		2024	2024	2025	2026	2027	2028	2025	2026	2027	2028	2028	2028	2024	2025	2026	2027	2028			
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
606032	4121860	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.07E-06	7.25E-08	1.14E+00
606052	4121860	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.28E-06	8.43E-08	1.37E+00
606032	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.34E-06	8.99E-08	1.43E+00
606052	4121880	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.61E-06	1.06E-07	1.72E+00

Kaiser San José
Operational Health Risk Assessment

Kaiser San José
Operational Emissions Summary

On-site Truck Idling Emissions

EMFAC Vehicle Class	Trip/year	hour/year	Fleet % Diesel	DPM EF (g/hr)	$PM_{2.5}$ EF (g/hr)	DPM (lb/yr)	$PM_{2.5}$ (lb/yr)	DPM (tons/yr)	$PM_{2.5}$ (tons/yr)
LHDT1	713	118.8	35%	0.7991	0.7646	0.0729	0.2003	0.0000	0.0001
LHDT2	1710	285.0	66%	0.8158	0.7805	0.3359	0.4904	0.0002	0.0002
MHDT	2913	485.5	80%	0.0410	0.0373	0.0353	0.0399	0.0000	0.0000
HHDT	3968	661.3	92%	0.0126	0.0127	0.0170	0.0185	0.0000	0.0000
					Total	0.4610	0.7492	0.0002	0.0004

On-site TRU Idling Emissions

EMFAC Vehicle Class	Trip/year	hour/year	Fleet % Diesel	DPM EF (g/hr)	$PM_{2.5}$ EF (g/hr)	DPM (lb/yr)	$PM_{2.5}$ (lb/yr)	DPM (tons/yr)	$PM_{2.5}$ (tons/yr)
Instate Trailer	1143	762.0	100%	0.5741	0.5282	0.9644	0.8874	0.0005	0.0004
Instate Truck	143	95.3	100%	1.8159	1.6702	0.3817	0.3510	0.0002	0.0002
					Total	1.3461	1.2384	0.0007	0.0006

Emergency Generator Testing Emissions

Equipment Name	Engine Size (hp)	Load Factor (unitless)	Emission Factors (g/hp-hr)							Emissions (lb/yr)							Emissions (tons/yr)				Emissions (MT/yr)			
			ROG	NO_x	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	ROG	NO_x	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	ROG	NO_x	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Standy Generator 1	3356	0.74	**0.14**	**0.5**	**0.02**	**0.02**	521.64	0.021	0.004	115.0	410.6	16.4	16.4	428402.8	17.2	3.3	0.1	0.2	0.01	0.01	194.3	0.0	0.0	195.0
Standy Generator 2	3356	0.74	**0.14**	**0.5**	**0.02**	**0.02**	521.64	0.021	0.004	115.0	410.6	16.4	16.4	428402.8	17.2	3.3	0.1	0.2	0.01	0.01	194.3	0.0	0.0	195.0
Standy Generator 3	3356	0.74	**0.14**	**0.5**	**0.02**	**0.02**	521.64	0.021	0.004	115.0	410.6	16.4	16.4	428402.8	17.2	3.3	0.1	0.2	0.01	0.01	194.3	0.0	0.0	195.0
									Totals	344.9	1231.9	49.3	49.3	1285208.5	51.7	9.9	0.2	0.6	0.0	0.0	583.0	0.0	0.0	584.9

Kaiser San José

Operational Health Risk Assessment - Residential Unmitigated

Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

				Days			
Operation Source	AERMOD Source	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Age 16<30
Emergency Generator 1	STCK1	Annual		91	730	5110	5110
Emergency Generator 2	STCK2	Annual		91	730	5110	5110
Emergency Generator 3	STCK3	Annual		91	730	5110	5110
Truck Idling at Loading Dock	PAREA5	Annual		91	730	5110	5110
TRU Idling at Loading Dock	VOL1	Annual		91	730	5110	5110

			DPM (tons)	$PM_{2.5}$ (tons)	DPM (g/s)	$PM_{2.5}$ (g/s)
AERMOD Source	Start Date	End Date	Annual O&M	Annual O&M	Annual O&M	Annual O&M
STCK1	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
STCK2	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
STCK3	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
PAREA5	Annual		2.31E-04	3.75E-04	6.63E-06	1.08E-05
VOL1	Annual		6.73E-04	6.19E-04	1.94E-05	1.78E-05

Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30	
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261	95th percentile DBR for age groups < 2, 80th percentile for >2
Fraction Of Time At Home	FAH	unitless	1	1	1	0.73	operational risk less greater 1 for school and daycare
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96	
Age Sensitivity Factor	ASF	unitless	10	10	3	1	
Inhalation Absorption Factor	A	unitless	1	1	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70	70	70	70	

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*FAH*EF*ED*ASF*A*CF/AT

Operational Source	Year	3rd Trimester	0<2	2<16	16<30
All sources	Annual	0.012	0.299	0.329	0.037

Risk Calculation Part 1, R1 = IF*CPF*CF

Year	3rd Trimester	0<2	2<16	16<30
Annual	1.36E-05	3.28E-04	3.62E-04	4.02E-05

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Residence

	Max Risk	UTM X	UTM Y
Cancer	5.61	606472	4121800
HI	0.002	606472	4121800
$PM_{2.5}$	0.01	606472	4121800

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

		Annual O&M						
X (UTM)	Y (UTM	STCK1	STCK2	STCK3	PAREA5	VOL1	Total	Receptor Type
605632	4121420	5.40E-05	5.45E-05	5.50E-05	1.93E-06	1.98E-05	1.85E-04	Residence
605652	4121420	5.46E-05	5.51E-05	5.56E-05	1.95E-06	2.05E-05	1.88E-04	Residence
605672	4121420	5.44E-05	5.49E-05	5.53E-05	1.98E-06	2.11E-05	1.88E-04	Residence
605692	4121420	5.52E-05	5.57E-05	5.62E-05	2.02E-06	2.19E-05	1.91E-04	Residence
605712	4121420	5.61E-05	5.66E-05	5.71E-05	2.06E-06	2.26E-05	1.94E-04	Residence
605732	4121420	5.68E-05	5.73E-05	5.78E-05	2.10E-06	2.34E-05	1.97E-04	Residence
605752	4121420	5.74E-05	5.79E-05	5.84E-05	2.15E-06	2.42E-05	2.00E-04	Residence
605772	4121420	5.80E-05	5.85E-05	5.90E-05	2.20E-06	2.50E-05	2.03E-04	Residence
605792	4121420	5.86E-05	5.91E-05	5.96E-05	2.27E-06	2.59E-05	2.05E-04	Residence
605812	4121420	5.92E-05	5.97E-05	6.02E-05	2.34E-06	2.68E-05	2.08E-04	Residence
605832	4121420	5.99E-05	6.04E-05	6.09E-05	2.43E-06	2.78E-05	2.11E-04	Residence
605852	4121420	6.06E-05	6.12E-05	6.17E-05	2.53E-06	2.87E-05	2.15E-04	Residence
605872	4121420	6.14E-05	6.19E-05	6.25E-05	2.65E-06	2.97E-05	2.18E-04	Residence
605892	4121420	6.13E-05	6.18E-05	6.24E-05	2.77E-06	3.08E-05	2.19E-04	Residence
605912	4121420	6.24E-05	6.29E-05	6.35E-05	2.92E-06	3.19E-05	2.24E-04	Residence
605932	4121420	6.32E-05	6.37E-05	6.43E-05	3.07E-06	3.29E-05	2.27E-04	Residence
605952	4121420	6.42E-05	6.46E-05	6.53E-05	3.25E-06	3.41E-05	2.31E-04	Residence
605972	4121420	6.54E-05	6.59E-05	6.65E-05	3.43E-06	3.52E-05	2.36E-04	Residence
605992	4121420	6.63E-05	6.68E-05	6.74E-05	3.64E-06	3.64E-05	2.40E-04	Residence
606012	4121420	6.74E-05	6.79E-05	6.85E-05	3.86E-06	3.76E-05	2.45E-04	Residence
606032	4121420	6.91E-05	6.95E-05	7.02E-05	4.10E-06	3.88E-05	2.52E-04	Residence
606052	4121420	7.08E-05	7.12E-05	7.18E-05	4.37E-06	4.00E-05	2.58E-04	Residence
606072	4121420	7.26E-05	7.30E-05	7.37E-05	4.68E-06	4.13E-05	2.65E-04	Residence
606092	4121420	7.51E-05	7.56E-05	7.63E-05	5.04E-06	4.27E-05	2.75E-04	Residence
606112	4121420	7.86E-05	7.90E-05	7.98E-05	5.48E-06	4.41E-05	2.87E-04	Residence
606132	4121420	7.99E-05	8.03E-05	8.11E-05	5.98E-06	4.56E-05	2.93E-04	Residence
606152	4121420	8.24E-05	8.29E-05	8.36E-05	6.58E-06	4.71E-05	3.03E-04	Residence
606172	4121420	8.54E-05	8.59E-05	8.67E-05	7.26E-06	4.88E-05	3.14E-04	Residence
606192	4121420	8.92E-05	8.98E-05	9.06E-05	8.04E-06	5.05E-05	3.28E-04	Residence
606212	4121420	9.40E-05	9.45E-05	9.54E-05	8.90E-06	5.24E-05	3.45E-04	Residence
606232	4121420	9.92E-05	9.98E-05	1.01E-04	9.83E-06	5.43E-05	3.64E-04	Residence
606252	4121420	1.05E-04	1.06E-04	1.07E-04	1.08E-05	5.64E-05	3.86E-04	Residence
606272	4121420	1.12E-04	1.13E-04	1.15E-04	1.19E-05	5.86E-05	4.11E-04	Residence
606292	4121420	1.21E-04	1.22E-04	1.23E-04	1.31E-05	6.10E-05	4.39E-04	Residence
606312	4121420	1.30E-04	1.31E-04	1.33E-04	1.43E-05	6.35E-05	4.72E-04	Residence
606332	4121420	1.41E-04	1.43E-04	1.45E-04	1.57E-05	6.62E-05	5.11E-04	Residence

Risk Calculation Part 2						HI	Annual $PM_{2.5}$ Concentration					
	$\sum R1*C_{DPM}$						Annual O&M					
3rd Trimester	0<2	2<16	16<30	Total	C_{DPM}/REL	STCK1	STCK2	STCK3	PAREA5	VOL1	Total
2.51E-09	6.09E-08	6.71E-08	7.45E-09	0.14	0.00	5.40E-05	5.45E-05	5.50E-05	3.13E-06	1.82E-05	1.85E-04
2.55E-09	6.17E-08	6.80E-08	7.55E-09	0.14	0.00	5.46E-05	5.51E-05	5.56E-05	3.18E-06	1.88E-05	1.87E-04
2.55E-09	6.17E-08	6.80E-08	7.55E-09	0.14	0.00	5.44E-05	5.49E-05	5.53E-05	3.22E-06	1.94E-05	1.87E-04
2.59E-09	6.27E-08	6.91E-08	7.68E-09	0.14	0.00	5.52E-05	5.57E-05	5.62E-05	3.28E-06	2.01E-05	1.90E-04
2.64E-09	6.39E-08	7.04E-08	7.82E-09	0.14	0.00	5.61E-05	5.66E-05	5.71E-05	3.34E-06	2.08E-05	1.94E-04
2.68E-09	6.49E-08	7.15E-08	7.94E-09	0.15	0.00	5.68E-05	5.73E-05	5.78E-05	3.41E-06	2.15E-05	1.97E-04
2.71E-09	6.57E-08	7.24E-08	8.04E-09	0.15	0.00	5.74E-05	5.79E-05	5.84E-05	3.49E-06	2.23E-05	1.99E-04
2.75E-09	6.66E-08	7.33E-08	8.14E-09	0.15	0.00	5.80E-05	5.85E-05	5.90E-05	3.58E-06	2.30E-05	2.02E-04
2.79E-09	6.75E-08	7.44E-08	8.26E-09	0.15	0.00	5.86E-05	5.91E-05	5.96E-05	3.69E-06	2.38E-05	2.05E-04
2.83E-09	6.84E-08	7.54E-08	8.37E-09	0.16	0.00	5.92E-05	5.97E-05	6.02E-05	3.81E-06	2.47E-05	2.08E-04
2.87E-09	6.95E-08	7.66E-08	8.50E-09	0.16	0.00	5.99E-05	6.04E-05	6.09E-05	3.95E-06	2.55E-05	2.11E-04
2.91E-09	7.05E-08	7.77E-08	8.63E-09	0.16	0.00	6.06E-05	6.12E-05	6.17E-05	4.11E-06	2.64E-05	2.14E-04
2.96E-09	7.17E-08	7.90E-08	8.77E-09	0.16	0.00	6.14E-05	6.19E-05	6.25E-05	4.30E-06	2.74E-05	2.17E-04
2.97E-09	7.19E-08	7.93E-08	8.80E-09	0.16	0.00	6.13E-05	6.18E-05	6.24E-05	4.51E-06	2.83E-05	2.18E-04
3.03E-09	7.35E-08	8.10E-08	8.99E-09	0.17	0.00	6.24E-05	6.29E-05	6.35E-05	4.74E-06	2.93E-05	2.23E-04
3.08E-09	7.47E-08	8.23E-08	9.14E-09	0.17	0.00	6.32E-05	6.37E-05	6.43E-05	4.99E-06	3.03E-05	2.27E-04
3.14E-09	7.60E-08	8.38E-08	9.30E-09	0.17	0.00	6.42E-05	6.46E-05	6.53E-05	5.28E-06	3.13E-05	2.31E-04
3.21E-09	7.76E-08	8.56E-08	9.50E-09	0.18	0.00	6.54E-05	6.59E-05	6.65E-05	5.58E-06	3.24E-05	2.36E-04
3.26E-09	7.90E-08	8.71E-08	9.67E-09	0.18	0.00	6.63E-05	6.68E-05	6.74E-05	5.91E-06	3.35E-05	2.40E-04
3.33E-09	8.06E-08	8.88E-08	9.86E-09	0.18	0.00	6.74E-05	6.79E-05	6.85E-05	6.27E-06	3.46E-05	2.45E-04
3.41E-09	8.27E-08	9.11E-08	1.01E-08	0.19	0.00	6.91E-05	6.95E-05	7.02E-05	6.66E-06	3.57E-05	2.51E-04
3.50E-09	8.48E-08	9.35E-08	1.04E-08	0.19	0.00	7.08E-05	7.12E-05	7.18E-05	7.10E-06	3.68E-05	2.58E-04
3.60E-09	8.72E-08	9.60E-08	1.07E-08	0.20	0.00	7.26E-05	7.30E-05	7.37E-05	7.60E-06	3.80E-05	2.65E-04
3.73E-09	9.02E-08	9.94E-08	1.10E-08	0.20	0.00	7.51E-05	7.56E-05	7.63E-05	8.19E-06	3.93E-05	2.74E-04
3.89E-09	9.43E-08	1.04E-07	1.15E-08	0.21	0.00	7.86E-05	7.90E-05	7.98E-05	8.90E-06	4.06E-05	2.87E-04
3.97E-09	9.62E-08	1.06E-07	1.18E-08	0.22	0.00	7.99E-05	8.03E-05	8.11E-05	9.72E-06	4.19E-05	2.93E-04
4.10E-09	9.94E-08	1.10E-07	1.22E-08	0.23	0.00	8.24E-05	8.29E-05	8.36E-05	1.07E-05	4.33E-05	3.03E-04
4.26E-09	1.03E-07	1.14E-07	1.26E-08	0.23	0.00	8.54E-05	8.59E-05	8.67E-05	1.18E-05	4.49E-05	3.15E-04
4.45E-09	1.08E-07	1.19E-07	1.32E-08	0.24	0.00	8.92E-05	8.98E-05	9.06E-05	1.31E-05	4.65E-05	3.29E-04
4.68E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	9.40E-05	9.45E-05	9.54E-05	1.45E-05	4.82E-05	3.47E-04
4.93E-09	1.20E-07	1.32E-07	1.46E-08	0.27	0.00	9.92E-05	9.98E-05	1.01E-04	1.60E-05	5.00E-05	3.66E-04
5.23E-09	1.27E-07	1.40E-07	1.55E-08	0.29	0.00	1.05E-04	1.06E-04	1.07E-04	1.76E-05	5.19E-05	3.88E-04
5.57E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.12E-04	1.13E-04	1.15E-04	1.94E-05	5.39E-05	4.14E-04
5.96E-09	1.44E-07	1.59E-07	1.77E-08	0.33	0.00	1.21E-04	1.22E-04	1.23E-04	2.13E-05	5.61E-05	4.43E-04
6.40E-09	1.55E-07	1.71E-07	1.90E-08	0.35	0.00	1.30E-04	1.31E-04	1.33E-04	2.33E-05	5.84E-05	4.76E-04
6.94E-09	1.68E-07	1.85E-07	2.06E-08	0.38	0.00	1.41E-04	1.43E-04	1.45E-04	2.55E-05	6.09E-05	5.16E-04

606352	4121420	1.54E-04	1.56E-04	1.58E-04	1.72E-05	6.92E-05	5.55E-04	Residence	7.52E-09	1.82E-07	2.01E-07	2.23E-08	0.41	0.00	1.54E-04	1.56E-04	1.58E-04	2.79E-05	6.36E-05	5.60E-04
606372	4121420	1.68E-04	1.70E-04	1.73E-04	1.88E-05	7.23E-05	6.02E-04	Residence	8.16E-09	1.98E-07	2.18E-07	2.42E-08	0.45	0.00	1.68E-04	1.70E-04	1.73E-04	3.05E-05	6.65E-05	6.08E-04
606392	4121420	1.84E-04	1.86E-04	1.90E-04	2.05E-05	7.55E-05	6.56E-04	Residence	8.90E-09	2.15E-07	2.37E-07	2.64E-08	0.49	0.00	1.84E-04	1.86E-04	1.90E-04	3.33E-05	6.95E-05	6.63E-04
606412	4121420	2.01E-04	2.04E-04	2.08E-04	2.23E-05	7.88E-05	7.14E-04	Residence	9.69E-09	2.35E-07	2.59E-07	2.87E-08	0.53	0.00	2.01E-04	2.04E-04	2.08E-04	3.63E-05	7.25E-05	7.22E-04
606432	4121420	2.19E-04	2.22E-04	2.27E-04	2.41E-05	8.20E-05	7.74E-04	Residence	1.05E-08	2.54E-07	2.80E-07	3.11E-08	0.58	0.00	2.19E-04	2.22E-04	2.27E-04	3.92E-05	7.55E-05	7.83E-04
606452	4121420	2.42E-04	2.47E-04	2.53E-04	2.60E-05	8.52E-05	8.53E-04	Residence	1.16E-08	2.80E-07	3.09E-07	3.43E-08	0.63	0.00	2.42E-04	2.47E-04	2.53E-04	4.22E-05	7.84E-05	8.62E-04
606472	4121420	2.68E-04	2.74E-04	2.80E-04	2.77E-05	8.81E-05	9.38E-04	Residence	1.27E-08	3.08E-07	3.40E-07	3.77E-08	0.70	0.00	2.68E-04	2.74E-04	2.80E-04	4.50E-05	8.11E-05	9.48E-04
606492	4121420	2.94E-04	3.00E-04	3.08E-04	2.92E-05	9.06E-05	1.02E-03	Residence	1.38E-08	3.35E-07	3.70E-07	4.10E-08	0.76	0.00	2.94E-04	3.00E-04	3.08E-04	4.75E-05	8.33E-05	1.03E-03
606512	4121420	3.18E-04	3.25E-04	3.34E-04	3.05E-05	9.25E-05	1.10E-03	Residence	1.49E-08	3.62E-07	3.98E-07	4.42E-08	0.82	0.00	3.18E-04	3.25E-04	3.34E-04	4.96E-05	8.51E-05	1.11E-03
606532	4121420	3.46E-04	3.54E-04	3.63E-04	3.16E-05	9.40E-05	1.19E-03	Residence	1.61E-08	3.90E-07	4.30E-07	4.78E-08	0.88	0.00	3.46E-04	3.54E-04	3.63E-04	5.13E-05	8.65E-05	1.20E-03
606552	4121420	3.78E-04	3.87E-04	3.98E-04	3.24E-05	9.51E-05	1.29E-03	Residence	1.75E-08	4.24E-07	4.67E-07	5.19E-08	0.96	0.00	3.78E-04	3.87E-04	3.98E-04	5.27E-05	8.75E-05	1.30E-03
606572	4121420	4.09E-04	4.19E-04	4.30E-04	3.29E-05	9.56E-05	1.39E-03	Residence	1.88E-08	4.56E-07	5.02E-07	5.58E-08	1.03	0.00	4.09E-04	4.19E-04	4.30E-04	5.35E-05	8.80E-05	1.40E-03
606592	4121420	4.34E-04	4.45E-04	4.56E-04	3.32E-05	9.56E-05	1.46E-03	Residence	1.99E-08	4.81E-07	5.30E-07	5.88E-08	1.09	0.00	4.34E-04	4.45E-04	4.56E-04	5.39E-05	8.79E-05	1.48E-03
606612	4121420	4.61E-04	4.72E-04	4.84E-04	3.32E-05	9.51E-05	1.54E-03	Residence	2.10E-08	5.08E-07	5.59E-07	6.21E-08	1.15	0.00	4.61E-04	4.72E-04	4.84E-04	5.40E-05	8.75E-05	1.56E-03
606632	4121420	4.86E-04	4.97E-04	5.09E-04	3.31E-05	9.43E-05	1.62E-03	Residence	2.20E-08	5.32E-07	5.86E-07	6.51E-08	1.21	0.00	4.86E-04	4.97E-04	5.09E-04	5.37E-05	8.68E-05	1.63E-03
606652	4121420	5.09E-04	5.20E-04	5.32E-04	3.28E-05	9.32E-05	1.69E-03	Residence	2.29E-08	5.54E-07	6.11E-07	6.78E-08	1.26	0.00	5.09E-04	5.20E-04	5.32E-04	5.33E-05	8.57E-05	1.70E-03
606672	4121420	5.27E-04	5.39E-04	5.51E-04	3.24E-05	9.18E-05	1.74E-03	Residence	2.36E-08	5.72E-07	6.30E-07	7.00E-08	1.30	0.00	5.27E-04	5.39E-04	5.51E-04	5.26E-05	8.44E-05	1.75E-03
606692	4121420	5.43E-04	5.55E-04	5.66E-04	3.19E-05	9.01E-05	1.79E-03	Residence	2.42E-08	5.87E-07	6.47E-07	7.18E-08	1.33	0.00	5.43E-04	5.55E-04	5.66E-04	5.18E-05	8.29E-05	1.80E-03
606712	4121420	5.56E-04	5.67E-04	5.78E-04	3.14E-05	8.83E-05	1.82E-03	Residence	2.47E-08	5.98E-07	6.59E-07	7.32E-08	1.36	0.00	5.56E-04	5.67E-04	5.78E-04	5.10E-05	8.12E-05	1.83E-03
606732	4121420	5.66E-04	5.77E-04	5.88E-04	3.08E-05	8.64E-05	1.85E-03	Residence	2.51E-08	6.07E-07	6.69E-07	7.43E-08	1.38	0.00	5.66E-04	5.77E-04	5.88E-04	5.00E-05	7.94E-05	1.86E-03
606752	4121420	5.73E-04	5.83E-04	5.93E-04	3.02E-05	8.43E-05	1.86E-03	Residence	2.53E-08	6.12E-07	6.75E-07	7.49E-08	1.39	0.00	5.73E-04	5.83E-04	5.93E-04	4.90E-05	7.76E-05	1.88E-03
606772	4121420	5.77E-04	5.87E-04	5.97E-04	2.95E-05	8.22E-05	1.87E-03	Residence	2.54E-08	6.15E-07	6.78E-07	7.53E-08	1.39	0.00	5.77E-04	5.87E-04	5.97E-04	4.80E-05	7.56E-05	1.88E-03
606792	4121420	5.79E-04	5.89E-04	5.98E-04	2.89E-05	8.00E-05	1.87E-03	Residence	2.54E-08	6.16E-07	6.79E-07	7.53E-08	1.40	0.00	5.79E-04	5.89E-04	5.98E-04	4.69E-05	7.36E-05	1.89E-03
606812	4121420	5.78E-04	5.88E-04	5.96E-04	2.82E-05	7.77E-05	1.87E-03	Residence	2.53E-08	6.14E-07	6.76E-07	7.51E-08	1.39	0.00	5.78E-04	5.88E-04	5.96E-04	4.58E-05	7.15E-05	1.88E-03
606832	4121420	5.77E-04	5.86E-04	5.94E-04	2.75E-05	7.55E-05	1.86E-03	Residence	2.52E-08	6.11E-07	6.74E-07	7.48E-08	1.38	0.00	5.77E-04	5.86E-04	5.94E-04	4.47E-05	6.95E-05	1.87E-03
606852	4121420	5.74E-04	5.82E-04	5.90E-04	2.68E-05	7.32E-05	1.85E-03	Residence	2.50E-08	6.06E-07	6.68E-07	7.42E-08	1.37	0.00	5.74E-04	5.82E-04	5.90E-04	4.36E-05	6.74E-05	1.86E-03
606872	4121420	5.71E-04	5.78E-04	5.86E-04	2.62E-05	7.10E-05	1.83E-03	Residence	2.48E-08	6.02E-07	6.63E-07	7.36E-08	1.36	0.00	5.71E-04	5.78E-04	5.86E-04	4.25E-05	6.53E-05	1.84E-03
606892	4121420	5.65E-04	5.72E-04	5.79E-04	2.55E-05	6.88E-05	1.81E-03	Residence	2.46E-08	5.95E-07	6.55E-07	7.28E-08	1.35	0.00	5.65E-04	5.72E-04	5.79E-04	4.14E-05	6.33E-05	1.82E-03
606912	4121420	5.58E-04	5.65E-04	5.71E-04	2.48E-05	6.66E-05	1.79E-03	Residence	2.42E-08	5.87E-07	6.46E-07	7.18E-08	1.33	0.00	5.58E-04	5.65E-04	5.71E-04	4.03E-05	6.12E-05	1.80E-03
606932	4121420	5.52E-04	5.58E-04	5.64E-04	2.41E-05	6.44E-05	1.76E-03	Residence	2.39E-08	5.79E-07	6.38E-07	7.08E-08	1.31	0.00	5.52E-04	5.58E-04	5.64E-04	3.91E-05	5.92E-05	1.77E-03
606952	4121420	5.47E-04	5.53E-04	5.58E-04	2.34E-05	6.23E-05	1.74E-03	Residence	2.37E-08	5.73E-07	6.31E-07	7.01E-08	1.30	0.00	5.47E-04	5.53E-04	5.58E-04	3.80E-05	5.73E-05	1.75E-03
606972	4121420	5.36E-04	5.41E-04	5.45E-04	2.27E-05	6.01E-05	1.70E-03	Residence	2.31E-08	5.60E-07	6.17E-07	6.85E-08	1.27	0.00	5.36E-04	5.41E-04	5.45E-04	3.69E-05	5.53E-05	1.71E-03
606992	4121420	5.25E-04	5.30E-04	5.34E-04	2.20E-05	5.81E-05	1.67E-03	Residence	2.26E-08	5.48E-07	6.04E-07	6.71E-08	1.24	0.00	5.25E-04	5.30E-04	5.34E-04	3.57E-05	5.34E-05	1.68E-03
607012	4121420	5.15E-04	5.20E-04	5.23E-04	2.13E-05	5.61E-05	1.64E-03	Residence	2.22E-08	5.37E-07	5.92E-07	6.57E-08	1.22	0.00	5.15E-04	5.20E-04	5.23E-04	3.46E-05	5.16E-05	1.64E-03
607032	4121420	5.08E-04	5.12E-04	5.15E-04	2.06E-05	5.42E-05	1.61E-03	Residence	2.18E-08	5.29E-07	5.82E-07	6.47E-08	1.20	0.00	5.08E-04	5.12E-04	5.15E-04	3.35E-05	4.98E-05	1.62E-03
607052	4121420	4.96E-04	5.00E-04	5.02E-04	1.99E-05	5.22E-05	1.57E-03	Residence	2.13E-08	5.16E-07	5.69E-07	6.31E-08	1.17	0.00	4.96E-04	5.00E-04	5.02E-04	3.24E-05	4.81E-05	1.58E-03
605632	4121440	5.56E-05	5.61E-05	5.66E-05	2.04E-06	2.04E-05	1.91E-04	Residence	2.59E-09	6.27E-08	6.91E-08	7.67E-09	0.14	0.00	5.56E-05	5.61E-05	5.66E-05	3.32E-06	1.88E-05	1.90E-04
605652	4121440	5.61E-05	5.67E-05	5.71E-05	2.07E-06	2.11E-05	1.93E-04	Residence	2.62E-09	6.34E-08	6.99E-08	7.76E-09	0.14	0.00	5.61E-05	5.67E-05	5.71E-05	3.36E-06	1.95E-05	1.93E-04
605672	4121440	5.58E-05	5.63E-05	5.68E-05	2.10E-06	2.18E-05	1.93E-04	Residence	2.62E-09	6.34E-08	6.98E-08	7.75E-09	0.14	0.00	5.58E-05	5.63E-05	5.68E-05	3.41E-06	2.01E-05	1.92E-04
605692	4121440	5.70E-05	5.76E-05	5.80E-05	2.13E-06	2.26E-05	1.97E-04	Residence	2.68E-09	6.49E-08	7.15E-08	7.94E-09	0.15	0.00	5.70E-05	5.76E-05	5.80E-05	3.46E-06	2.08E-05	1.97E-04
605712	4121440	5.79E-05	5.84E-05	5.89E-05	2.17E-06	2.34E-05	2.01E-04	Residence	2.72E-09	6.60E-08	7.27E-08	8.07E-09	0.15	0.00	5.79E-05	5.84E-05	5.89E-05	3.52E-06	2.16E-05	2.00E-04
605732	4121440	5.85E-05	5.90E-05	5.95E-05	2.21E-06	2.43E-05	2.03E-04	Residence	2.76E-09	6.68E-08	7.37E-08	8.18E-09	0.15	0.00	5.85E-05	5.90E-05	5.95E-05	3.59E-06	2.23E-05	2.03E-04
605752	4121440	5.90E-05	5.95E-05	6.01E-05	2.26E-06	2.52E-05	2.06E-04	Residence	2.79E-09	6.77E-08	7.46E-08	8.28E-09	0.15	0.00	5.90E-05	5.95E-05	6.01E-05	3.67E-06	2.31E-05	2.05E-04
605772	4121440	5.96E-05	6.01E-05	6.06E-05	2.32E-06	2.61E-05	2.09E-04	Residence	2.83E-09	6.86E-08	7.56E-08	8.39E-09	0.16	0.00	5.96E-05	6.01E-05	6.06E-05	3.76E-06	2.40E-05	2.08E-04
605792	4121440	6.02E-05	6.07E-05	6.12E-05	2.38E-06	2.70E-05	2.12E-04	Residence	2.87E-09	6.95E-08	7.66E-08	8.50E-09	0.16	0.00	6.02E-05	6.07E-05	6.12E-05	3.87E-06	2.48E-05	2.11E-04
605812	4121440	6.08E-05	6.14E-05	6.19E-05	2.45E-06	2.80E-05	2.14E-04	Residence	2.91E-09	7.05E-08	7.76E-08	8.62E-09	0.16	0.00	6.08E-05	6.14E-05	6.19E-05	3.99E-06	2.58E-05	2.14E-04
605832	4121440	6.15E-05	6.20E-05	6.26E-05	2.54E-06	2.90E-05	2.18E-04	Residence	2.95E-09	7.15E-08	7.88E-08	8.75E-09	0.16	0.00	6.15E-05	6.20E-05	6.26E-05	4.13E-06	2.67E-05	2.17E-04
605852	4121440	6.22E-05	6.27E-05	6.33E-05	2.64E-06	3.01E-05	2.21E-04	Residence	3.00E-09	7.26E-08	8.00E-08	8.88E-09	0.16	0.00	6.22E-05	6.27E-05	6.33E-05	4.29E-06	2.77E-05	2.20E-04
605872	4121440	6.28E-05	6.34E-05	6.40E-05	2.76E-06	3.12E-05	2.24E-04	Residence	3.04E-09	7.36E-08	8.11E-08	9.01E-09	0.17	0.00	6.28E-05	6.34E-05	6.40E-05	4.48E-06	2.87E-05	2.23E-04
605892	4121440	6.32E-05	6.38E-05	6.45E-05	2.89E-06	3.23E-05	2.27E-04	Residence	3.07E-09	7.45E-08	8.21E-08	9.11E-09	0.17	0.00	6.32E-05	6.38E-05	6.45E-05	4.70E-06	2.97E-05	2.26E-04
605912	4121440	6.39E-05	6.45E-05	6.51E-05	3.04E-06	3.35E-05	2.30E-04	Residence	3.12E-09	7.56E-08	8.33E-08	9.25E-09	0.17	0.00	6.39E-05	6.45E-05	6.51E-05	4.94E-06	3.08E-05	2.29E-04
605932	4121440	6.47E-05	6.52E-05	6.59E-05	3.20E-06	3.47E-05	2.34E-04	Residence	3.17E-09	7.68E-08	8.46E-08	9.39E-09	0.17	0.00	6.47E-05	6.52E-05	6.59E-05	5.21E-06	3.19E-05	2.33E-04
605952	4121440	6.57E-05	6.62E-05	6.69E-05	3.39E-06	3.59E-05	2.38E-04	Residence	3.23E-09	7.82E-08	8.62E-08	9.57E-09	0.18	0.00	6.57E-05	6.62E-05	6.69E-05	5.51E-06	3.31E-05	2.37E-04
605972	4121440	6.68E-05	6.74E-05	6.80E-05	3.59E-06	3.72E-05	2.43E-04	Residence	3.30E-09	7.98E-08	8.80E-08	9.77E-09	0.18	0.00	6.68E-05	6.74E-05	6.80E-05	5.83E-06	3.42E-05	2.42E-04
605992	4121440	6.78E-05	6.83E-05	6.89E-05	3.81E-06	3.85E-05	2.47E-04	Residence	3.35E-09	8.13E-08	8.96E-08	9.94E-09	0.18	0.00	6.78E-05	6.83E-05	6.89E-05	6.19E-06	3.54E-05	2.47E-04
606012	4121440	6.89E-05	6.94E-05	7.00E-05	4.05E-06	3.98E-05	2.52E-04	Residence	3.42E-09	8.29E-08	9.13E-08	1.01E-08	0.19	0.00	6.89E-05	6.94E-05	7.00E-05	6.58E-06	3.67E-05	2.52E-04
606032	4121440	7.05E-05	7.09E-05	7.16E-05	4.31E-06	4.12E-05	2.58E-04	Residence	3.51E-09	8.49E-08	9.36E-08	1.04E-08	0.19	0.00	7.05E-05	7.09E-05	7.16E-05	7.00E-06	3.79E-05	2.58E-04
606052	4121440	7.21E-05	7.25E-05	7.32E-05	4.60E-06	4.26E-05	2.65E-04	Residence	3.59E-09	8.70E-08	9.59E-08	1.07E-08	0.20	0.00	7.21E-05	7.25E-05	7.32E-05	7.48E-06	3.92E-05	2.64E-04
606072	4121440	7.37E-05	7.42E-05	7.49E-05	4.94E-06	4.40E-05	2.72E-04	Residence	3.69E-09	8.93E-08	9.84E-08	1.09E-08	0.20	0.00	7.37E-05	7.42E-05	7.49E-05	8.02E-06	4.05E-05	2.71E-04
606092	4121440	7.68E-05	7.73E-05	7.80E-05	5.33E-06	4.55E-05	2.83E-04	Residence	3.84E-09	9.29E-08	1.02E-07	1.14E-08	0.21	0.00	7.68E-05	7.73E-05	7.80E-05	8.66E-06	4.19E-05	2.83E-04
606112	4121440	8.02E-05	8.07E-05	8.14E-05	5.80E-06	4.71E-05	2.95E-04	Residence	4.00E-09	9.69E-08	1.07E-07	1.19E-08	0.22	0.00	8.02E-05	8.07E-05	8.14E-05	9.42E-06	4.33E-05	2.95E-04
606132	4121440	8.16E-05	8.21E-05	8.28E-05	6.35E-06	4.87E-05	3.02E-04	Residence	4.09E-09	9.91E-08	1.09E-07	1.21E-08	0.22	0.00	8.16E-05	8.21E-05	8.28E-05	1.03E-05	4.48E-05	3.02E-04
606152	4121440	8.39E-05	8.44E-05	8.52E-05	7.01E-06	5.05E-05	3.11E-04	Residence	4.22E-09	1.02E-07	1.13E-07	1.25E-08	0.23	0.00	8.39E-05	8.44E-05	8.52E-05	1.14E-05	4.64E-05	3.11E-04
606172	4121440	8.73E-05	8.78E-05	8.85E-05	7.77E-06	5.23E-05	3.24E-04	Residence	4.39E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	8.73E-05	8.78E-05	8.85E-05	1.26E-05	4.81E-05	3.24E-04
606192	4121440	9.12E-05	9.17E-05	9.24E-05	8.63E-06	5.43E-05	3.38E-04	Residence	4.59E-09	1.11E-07	1.22E-07	1.36E-08	0.25	0.00	9.12E-05	9.17E-05	9.24E-05	1.40E-05	4.99E-05	3.39E-04
606212	4121440	9.56E-05	9.61E-05	9.69E-05	9.60E-06	5.64E-05	3.55E-04	Residence	4.81E-09	1.16E-07	1.28E-07	1.43E-08	0.26	0.00	9.56E-05	9.61E-05	9.69E-05	1.56E-05	5.19E-05	3.56E-04
606232	4121440	1.01E-04	1.02E-04	1.03E-04	1.06E-05	5.86E-05	3.75E-04	Residence	5.09E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.01E-04	1.02E-04	1.03E-04	1.73E-05	5.39E-05	3.77E-04
606252	4121440	1.08E-04	1.08E-04	1.09E-04	1.18E-05	6.10E-05	3.98E-04	Residence	5.39E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.08E-04	1.08E-04	1.09E-04	1.92E-05	5.61E-05	4.00E-04
606272	4121440	1.15E-04	1.16E-04	1.17E-04	1.30E-05	6.35E-05	4.24E-04	Residence	5.74E-09	1.39E-07	1.53E-07	1.70E-08	0.32	0.00	1.15E-04	1.16E-04	1.17E-04	2.11E-05	5.84E-05	4.27E-04
606292	4121440	1.24E-04	1.25E-04	1.26E-04	1.43E-05	6.62E-05	4.55E-04	Residence	6.18E-09	1.50E-07	1.65E-07	1.83E-08	0.34	0.00	1.24E-04	1.25E-04	1.26E-04	2.33E-05	6.09E-05	4.59E-04
606312	4121440	1.34E-04	1.35E-04	1.37E-04	1.58E-05	6.91E-05	4.92E-04	Residence	6.67E-09	1.62E-07	1.78E-07	1.98E-08	0.37	0.00	1.34E-04	1.35E-04	1.37E-04	2.56E-05	6.35E-05	4.96E-04
606332	4121440	1.46E-04	1.47E-04	1.49E-04	1.73E-05	7.22E-05	5.32E-04	Residence	7.21E-09	1.75E-07	1.92E-07	2.14E-08	0.40	0.00	1.46E-04	1.47E-04	1.49E-04	2.82E-05	6.64E-05	5.37E-04
606352	4121440	1.59E-04	1.61E-04	1.63E-04	1.90E-05	7.55E-05	5.77E-04	Residence	7.83E-09	1.90E-07	2.09E-07	2.32E-08	0.43	0.00	1.59E-04	1.61E-04	1.63E-04	3.09E-05	6.95E-05	5.83E-04
606372	4121440	1.74E-04	1.76E-04	1.79E-04	2.09E-05	7.90E-05	6.29E-04	Residence	8.53E-09	2.06E-07	2.28E-07	2.53E-08	0.47	0.00	1.74E-04	1.76E-04	1.79E-04	3.39E-05	7.27E-05	6.35E-04
606392	4121440	1.91E-04	1.93E-04	1.97E-04	2.28E-05	8.27E-05	6.87E-04	Residence	9.32E-09	2.26E-07	2.49E-07	2.76E-08	0.51	0.00	1.91E-04	1.93E-04	1.97E-04	3.71E-05	7.61E-05	6.95E-04
606412	4121440	2.10E-04	2.13E-04	2.18E-04	2.49E-05	8.64E-05	7.53E-04	Residence	1.02E-08	2.47E-07	2.73E-07	3.03E-08	0.56	0.00	2.10E-04	2.13E-04	2.18E-04	4.04E-05	7.95E-05	7.61E-04
606432	4121440	2.32E-04	2.36E-04	2.42E-04	2.69E-05	9.00E-05	8.27E-04	Residence	1.12E-08	2.72E-07	2.99E-07	3.32E-08	0.62	0.00	2.32E-04	2.36E-04	2.42E-04	4.37E-05	8.28E-05	8.36E-04
606452	4121440	2.60E-04	2.65E-04	2.71E-04	2.89E-05	9.34E-05	9.18E-04	Residence	1.25E-08	3.02E-07	3.33E-07	3.69E-08	0.68	0.00	2.60E-04	2.65E-04	2.71E-04	4.70E-05	8.59E-05	9.29E-04
606472	4121440	2.86E-04	2.91E-04	2.99E-04	3.07E-05	9.64E-05	1.00E-03	Residence	1.36E-08	3.30E-07	3.63E-07	4.03E-08	0.75	0.00	2.86E-04	2.91E-04	2.99E-04	4.99E-05	8.86E-05	1.01E-03
606492	4121440	3.13E-04	3.20E-04	3.29E-04	3.23E-05	9.88E-05	1.09E-03	Residence	1.48E-08	3.59E-07	3.96E-07	4.39E-08	0.81	0.00	3.13E-04	3.20E-04	3.29E-04	5.25E-05	9.09E-05	1.11E-03
606512	4121440	3.46E-04	3.54E-04	3.64E-04	3.36E-05	1.01E-04	1.20E-03	Residence	1.63E-08	3.94E-07	4.34E-07	4.82E-08	0.89	0.00	3.46E-04	3.54E-04	3.64E-04	5.46E-05	9.27E-05	1.21E-03
606532	4121440	3.79E-04	3.89E-04	3.99E-04	3.46E-05	1.02E-04	1.30E-03	Residence	1.77E-08	4.28E-07	4.72E-07	5.24E-08	0.97	0.00	3.79E-04	3.89E-04	3.99E-04	5.62E-05	9.39E-05	1.32E-03
606552	4121440	4.12E-04	4.22E-04	4.34E-04	3.53E-05	1.03E-04	1.41E-03	Residence	1.91E-08	4.62E-07	5.09E-07	5.65E-08	1.05	0.00	4.12E-04	4.22E-04	4.34E-04	5.73E-05	9.46E-05	1.42E-03

606572	4121440	4.41E-04	4.52E-04	4.64E-04	3.56E-05	1.03E-04	1.50E-03	Residence	2.03E-08	4.91E-07	5.41E-07	6.01E-08	1.11	0.00	4.41E-04	4.52E-04	4.64E-04	5.79E-05	9.47E-05	1.51E-03
606592	4121440	4.70E-04	4.82E-04	4.95E-04	3.57E-05	1.03E-04	1.59E-03	Residence	2.15E-08	5.21E-07	5.74E-07	6.37E-08	1.18	0.00	4.70E-04	4.82E-04	4.95E-04	5.80E-05	9.43E-05	1.60E-03
606612	4121440	4.98E-04	5.10E-04	5.23E-04	3.56E-05	1.02E-04	1.67E-03	Residence	2.26E-08	5.48E-07	6.04E-07	6.71E-08	1.24	0.00	4.98E-04	5.10E-04	5.23E-04	5.78E-05	9.35E-05	1.68E-03
606632	4121440	5.23E-04	5.36E-04	5.49E-04	3.53E-05	1.00E-04	1.74E-03	Residence	2.36E-08	5.73E-07	6.31E-07	7.01E-08	1.30	0.00	5.23E-04	5.36E-04	5.49E-04	5.73E-05	9.24E-05	1.76E-03
606652	4121440	5.45E-04	5.57E-04	5.70E-04	3.48E-05	9.88E-05	1.81E-03	Residence	2.45E-08	5.93E-07	6.54E-07	7.26E-08	1.34	0.00	5.45E-04	5.57E-04	5.70E-04	5.66E-05	9.09E-05	1.82E-03
606672	4121440	5.64E-04	5.76E-04	5.88E-04	3.43E-05	9.70E-05	1.86E-03	Residence	2.52E-08	6.11E-07	6.73E-07	7.47E-08	1.38	0.00	5.64E-04	5.76E-04	5.88E-04	5.58E-05	8.92E-05	1.87E-03
606692	4121440	5.78E-04	5.90E-04	6.03E-04	3.37E-05	9.50E-05	1.90E-03	Residence	2.58E-08	6.24E-07	6.88E-07	7.64E-08	1.41	0.00	5.78E-04	5.90E-04	6.03E-04	5.48E-05	8.74E-05	1.91E-03
606712	4121440	5.90E-04	6.02E-04	6.14E-04	3.31E-05	9.28E-05	1.93E-03	Residence	2.62E-08	6.35E-07	7.00E-07	7.77E-08	1.44	0.00	5.90E-04	6.02E-04	6.14E-04	5.37E-05	8.53E-05	1.95E-03
606732	4121440	5.99E-04	6.11E-04	6.22E-04	3.24E-05	9.05E-05	1.96E-03	Residence	2.65E-08	6.42E-07	7.08E-07	7.86E-08	1.46	0.00	5.99E-04	6.11E-04	6.22E-04	5.26E-05	8.32E-05	1.97E-03
606752	4121440	6.05E-04	6.16E-04	6.27E-04	3.17E-05	8.80E-05	1.97E-03	Residence	2.67E-08	6.46E-07	7.12E-07	7.91E-08	1.46	0.00	6.05E-04	6.16E-04	6.27E-04	5.15E-05	8.10E-05	1.98E-03
606772	4121440	6.09E-04	6.19E-04	6.29E-04	3.09E-05	8.56E-05	1.97E-03	Residence	2.68E-08	6.48E-07	7.15E-07	7.93E-08	1.47	0.00	6.09E-04	6.19E-04	6.29E-04	5.03E-05	7.87E-05	1.99E-03
606792	4121440	6.10E-04	6.20E-04	6.30E-04	3.02E-05	8.31E-05	1.97E-03	Residence	2.68E-08	6.48E-07	7.14E-07	7.93E-08	1.47	0.00	6.10E-04	6.20E-04	6.30E-04	4.91E-05	7.64E-05	1.99E-03
606812	4121440	6.09E-04	6.19E-04	6.27E-04	2.94E-05	8.06E-05	1.96E-03	Residence	2.66E-08	6.45E-07	7.11E-07	7.90E-08	1.46	0.00	6.09E-04	6.19E-04	6.27E-04	4.78E-05	7.41E-05	1.98E-03
606832	4121440	6.06E-04	6.15E-04	6.23E-04	2.87E-05	7.80E-05	1.95E-03	Residence	2.65E-08	6.41E-07	7.06E-07	7.84E-08	1.45	0.00	6.06E-04	6.15E-04	6.23E-04	4.66E-05	7.18E-05	1.96E-03
606852	4121440	6.01E-04	6.10E-04	6.18E-04	2.79E-05	7.55E-05	1.93E-03	Residence	2.62E-08	6.35E-07	7.00E-07	7.77E-08	1.44	0.00	6.01E-04	6.10E-04	6.18E-04	4.53E-05	6.95E-05	1.94E-03
606872	4121440	5.95E-04	6.03E-04	6.11E-04	2.71E-05	7.30E-05	1.91E-03	Residence	2.59E-08	6.27E-07	6.91E-07	7.67E-08	1.42	0.00	5.95E-04	6.03E-04	6.11E-04	4.40E-05	6.71E-05	1.92E-03
606892	4121440	5.88E-04	5.96E-04	6.02E-04	2.63E-05	7.05E-05	1.88E-03	Residence	2.55E-08	6.19E-07	6.82E-07	7.57E-08	1.40	0.00	5.88E-04	5.96E-04	6.02E-04	4.27E-05	6.49E-05	1.89E-03
606912	4121440	5.80E-04	5.87E-04	5.93E-04	2.55E-05	6.81E-05	1.85E-03	Residence	2.51E-08	6.09E-07	6.71E-07	7.45E-08	1.38	0.00	5.80E-04	5.87E-04	5.93E-04	4.15E-05	6.26E-05	1.86E-03
606932	4121440	5.71E-04	5.77E-04	5.82E-04	2.47E-05	6.57E-05	1.82E-03	Residence	2.47E-08	5.98E-07	6.59E-07	7.32E-08	1.36	0.00	5.71E-04	5.77E-04	5.82E-04	4.02E-05	6.04E-05	1.83E-03
606952	4121440	5.64E-04	5.70E-04	5.75E-04	2.40E-05	6.34E-05	1.80E-03	Residence	2.44E-08	5.90E-07	6.51E-07	7.22E-08	1.34	0.00	5.64E-04	5.70E-04	5.75E-04	3.89E-05	5.83E-05	1.81E-03
606972	4121440	5.50E-04	5.55E-04	5.60E-04	2.32E-05	6.10E-05	1.75E-03	Residence	2.37E-08	5.75E-07	6.33E-07	7.03E-08	1.30	0.00	5.50E-04	5.55E-04	5.60E-04	3.76E-05	5.62E-05	1.76E-03
606992	4121440	5.39E-04	5.44E-04	5.47E-04	2.24E-05	5.88E-05	1.71E-03	Residence	2.32E-08	5.62E-07	6.19E-07	6.88E-08	1.27	0.00	5.39E-04	5.44E-04	5.47E-04	3.64E-05	5.41E-05	1.72E-03
607012	4121440	5.28E-04	5.32E-04	5.35E-04	2.16E-05	5.67E-05	1.67E-03	Residence	2.27E-08	5.49E-07	6.05E-07	6.72E-08	1.24	0.00	5.28E-04	5.32E-04	5.35E-04	3.51E-05	5.21E-05	1.68E-03
607032	4121440	5.17E-04	5.21E-04	5.23E-04	2.09E-05	5.46E-05	1.64E-03	Residence	2.22E-08	5.38E-07	5.92E-07	6.58E-08	1.22	0.00	5.17E-04	5.21E-04	5.23E-04	3.39E-05	5.02E-05	1.65E-03
607052	4121440	5.07E-04	5.10E-04	5.12E-04	2.02E-05	5.26E-05	1.60E-03	Residence	2.17E-08	5.26E-07	5.80E-07	6.44E-08	1.19	0.00	5.07E-04	5.10E-04	5.12E-04	3.28E-05	4.84E-05	1.61E-03
605632	4121460	5.74E-05	5.79E-05	5.84E-05	2.17E-06	2.11E-05	1.97E-04	Residence	2.67E-09	6.47E-08	7.13E-08	7.92E-09	0.15	0.00	5.74E-05	5.79E-05	5.84E-05	3.52E-06	1.94E-05	1.97E-04
605652	4121460	5.76E-05	5.82E-05	5.87E-05	2.20E-06	2.18E-05	1.99E-04	Residence	2.69E-09	6.52E-08	7.19E-08	7.98E-09	0.15	0.00	5.76E-05	5.82E-05	5.87E-05	3.57E-06	2.01E-05	1.98E-04
605672	4121460	5.75E-05	5.81E-05	5.86E-05	2.23E-06	2.26E-05	1.99E-04	Residence	2.70E-09	6.54E-08	7.21E-08	8.00E-09	0.15	0.00	5.75E-05	5.81E-05	5.86E-05	3.62E-06	2.08E-05	1.99E-04
605692	4121460	5.89E-05	5.94E-05	5.99E-05	2.26E-06	2.34E-05	2.04E-04	Residence	2.77E-09	6.70E-08	7.38E-08	8.20E-09	0.15	0.00	5.89E-05	5.94E-05	5.99E-05	3.67E-06	2.16E-05	2.03E-04
605712	4121460	5.97E-05	6.03E-05	6.08E-05	2.30E-06	2.43E-05	2.07E-04	Residence	2.81E-09	6.81E-08	7.51E-08	8.34E-09	0.15	0.00	5.97E-05	6.03E-05	6.08E-05	3.73E-06	2.24E-05	2.07E-04
605732	4121460	6.01E-05	6.07E-05	6.12E-05	2.34E-06	2.52E-05	2.10E-04	Residence	2.84E-09	6.89E-08	7.59E-08	8.43E-09	0.16	0.00	6.01E-05	6.07E-05	6.12E-05	3.80E-06	2.32E-05	2.09E-04
605752	4121460	6.01E-05	6.06E-05	6.11E-05	2.39E-06	2.61E-05	2.10E-04	Residence	2.85E-09	6.91E-08	7.61E-08	8.45E-09	0.16	0.00	6.01E-05	6.06E-05	6.11E-05	3.88E-06	2.40E-05	2.10E-04
605772	4121460	6.07E-05	6.12E-05	6.17E-05	2.44E-06	2.71E-05	2.13E-04	Residence	2.89E-09	7.00E-08	7.72E-08	8.57E-09	0.16	0.00	6.07E-05	6.12E-05	6.17E-05	3.97E-06	2.49E-05	2.13E-04
605792	4121460	6.15E-05	6.20E-05	6.25E-05	2.50E-06	2.81E-05	2.17E-04	Residence	2.94E-09	7.12E-08	7.84E-08	8.71E-09	0.16	0.00	6.15E-05	6.20E-05	6.25E-05	4.07E-06	2.59E-05	2.16E-04
605812	4121460	6.22E-05	6.27E-05	6.32E-05	2.58E-06	2.92E-05	2.20E-04	Residence	2.98E-09	7.23E-08	7.96E-08	8.84E-09	0.16	0.00	6.22E-05	6.27E-05	6.32E-05	4.19E-06	2.69E-05	2.19E-04
605832	4121460	6.30E-05	6.36E-05	6.40E-05	2.67E-06	3.03E-05	2.24E-04	Residence	3.03E-09	7.35E-08	8.09E-08	8.99E-09	0.17	0.00	6.30E-05	6.36E-05	6.40E-05	4.33E-06	2.79E-05	2.23E-04
605852	4121460	6.39E-05	6.44E-05	6.49E-05	2.77E-06	3.15E-05	2.27E-04	Residence	3.08E-09	7.47E-08	8.23E-08	9.14E-09	0.17	0.00	6.39E-05	6.44E-05	6.49E-05	4.50E-06	2.90E-05	2.27E-04
605872	4121460	6.47E-05	6.52E-05	6.58E-05	2.88E-06	3.27E-05	2.31E-04	Residence	3.14E-09	7.60E-08	8.37E-08	9.30E-09	0.17	0.00	6.47E-05	6.52E-05	6.58E-05	4.69E-06	3.01E-05	2.31E-04
605892	4121460	6.55E-05	6.61E-05	6.66E-05	3.02E-06	3.40E-05	2.35E-04	Residence	3.19E-09	7.73E-08	8.52E-08	9.46E-09	0.18	0.00	6.55E-05	6.61E-05	6.66E-05	4.91E-06	3.13E-05	2.34E-04
605912	4121460	6.65E-05	6.70E-05	6.75E-05	3.17E-06	3.53E-05	2.39E-04	Residence	3.25E-09	7.87E-08	8.67E-08	9.62E-09	0.18	0.00	6.65E-05	6.70E-05	6.75E-05	5.16E-06	3.25E-05	2.39E-04
605932	4121460	6.75E-05	6.80E-05	6.85E-05	3.35E-06	3.66E-05	2.44E-04	Residence	3.31E-09	8.02E-08	8.83E-08	9.81E-09	0.18	0.00	6.75E-05	6.80E-05	6.85E-05	5.44E-06	3.37E-05	2.43E-04
605952	4121460	6.86E-05	6.91E-05	6.96E-05	3.54E-06	3.80E-05	2.49E-04	Residence	3.38E-09	8.18E-08	9.01E-08	1.00E-08	0.19	0.00	6.86E-05	6.91E-05	6.96E-05	5.76E-06	3.50E-05	2.48E-04
605972	4121460	6.96E-05	7.02E-05	7.09E-05	3.76E-06	3.94E-05	2.54E-04	Residence	3.44E-09	8.34E-08	9.19E-08	1.02E-08	0.19	0.00	6.96E-05	7.02E-05	7.09E-05	6.11E-06	3.63E-05	2.53E-04
605992	4121460	7.09E-05	7.14E-05	7.22E-05	4.00E-06	4.09E-05	2.59E-04	Residence	3.52E-09	8.52E-08	9.39E-08	1.04E-08	0.19	0.00	7.09E-05	7.14E-05	7.22E-05	6.49E-06	3.76E-05	2.59E-04
606012	4121460	7.19E-05	7.24E-05	7.31E-05	4.25E-06	4.24E-05	2.64E-04	Residence	3.58E-09	8.67E-08	9.55E-08	1.06E-08	0.20	0.00	7.19E-05	7.24E-05	7.31E-05	6.91E-06	3.90E-05	2.63E-04
606032	4121460	7.30E-05	7.36E-05	7.43E-05	4.54E-06	4.39E-05	2.69E-04	Residence	3.65E-09	8.85E-08	9.75E-08	1.08E-08	0.20	0.00	7.30E-05	7.36E-05	7.43E-05	7.37E-06	4.04E-05	2.69E-04
606052	4121460	7.46E-05	7.51E-05	7.58E-05	4.86E-06	4.54E-05	2.76E-04	Residence	3.74E-09	9.06E-08	9.99E-08	1.11E-08	0.21	0.00	7.46E-05	7.51E-05	7.58E-05	7.89E-06	4.18E-05	2.75E-04
606072	4121460	7.70E-05	7.75E-05	7.82E-05	5.22E-06	4.70E-05	2.85E-04	Residence	3.86E-09	9.36E-08	1.03E-07	1.15E-08	0.21	0.00	7.70E-05	7.75E-05	7.82E-05	8.48E-06	4.33E-05	2.84E-04
606092	4121460	7.96E-05	8.00E-05	8.06E-05	5.65E-06	4.87E-05	2.95E-04	Residence	4.00E-09	9.68E-08	1.07E-07	1.18E-08	0.22	0.00	7.96E-05	8.00E-05	8.06E-05	9.18E-06	4.48E-05	2.94E-04
606112	4121460	8.17E-05	8.21E-05	8.26E-05	6.16E-06	5.05E-05	3.03E-04	Residence	4.11E-09	9.96E-08	1.10E-07	1.22E-08	0.23	0.00	8.17E-05	8.21E-05	8.26E-05	1.00E-05	4.64E-05	3.03E-04
606132	4121460	8.44E-05	8.47E-05	8.52E-05	6.77E-06	5.23E-05	3.13E-04	Residence	4.25E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	8.44E-05	8.47E-05	8.52E-05	1.10E-05	4.81E-05	3.13E-04
606152	4121460	8.72E-05	8.75E-05	8.80E-05	7.49E-06	5.43E-05	3.24E-04	Residence	4.40E-09	1.07E-07	1.17E-07	1.30E-08	0.24	0.00	8.72E-05	8.75E-05	8.80E-05	1.22E-05	4.99E-05	3.25E-04
606172	4121460	9.03E-05	9.06E-05	9.12E-05	8.34E-06	5.64E-05	3.37E-04	Residence	4.57E-09	1.11E-07	1.22E-07	1.35E-08	0.25	0.00	9.03E-05	9.06E-05	9.12E-05	1.36E-05	5.19E-05	3.37E-04
606192	4121460	9.41E-05	9.44E-05	9.50E-05	9.31E-06	5.86E-05	3.51E-04	Residence	4.76E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	9.41E-05	9.44E-05	9.50E-05	1.51E-05	5.39E-05	3.52E-04
606212	4121460	9.89E-05	9.92E-05	9.99E-05	1.04E-05	6.10E-05	3.69E-04	Residence	5.01E-09	1.21E-07	1.34E-07	1.48E-08	0.27	0.00	9.89E-05	9.92E-05	9.99E-05	1.69E-05	5.61E-05	3.71E-04
606232	4121460	1.05E-04	1.05E-04	1.06E-04	1.16E-05	6.35E-05	3.90E-04	Residence	5.29E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.05E-04	1.05E-04	1.06E-04	1.88E-05	5.84E-05	3.92E-04
606252	4121460	1.11E-04	1.12E-04	1.13E-04	1.29E-05	6.62E-05	4.14E-04	Residence	5.62E-09	1.36E-07	1.50E-07	1.67E-08	0.31	0.00	1.11E-04	1.12E-04	1.13E-04	2.09E-05	6.09E-05	4.17E-04
606272	4121460	1.19E-04	1.20E-04	1.21E-04	1.43E-05	6.91E-05	4.43E-04	Residence	6.01E-09	1.45E-07	1.60E-07	1.78E-08	0.33	0.00	1.19E-04	1.20E-04	1.21E-04	2.32E-05	6.35E-05	4.46E-04
606292	4121460	1.29E-04	1.29E-04	1.31E-04	1.58E-05	7.21E-05	4.77E-04	Residence	6.46E-09	1.57E-07	1.73E-07	1.92E-08	0.35	0.00	1.29E-04	1.29E-04	1.31E-04	2.57E-05	6.64E-05	4.81E-04
606312	4121460	1.40E-04	1.41E-04	1.42E-04	1.75E-05	7.55E-05	5.16E-04	Residence	6.99E-09	1.69E-07	1.87E-07	2.07E-08	0.38	0.00	1.40E-04	1.41E-04	1.42E-04	2.84E-05	6.94E-05	5.21E-04
606332	4121460	1.52E-04	1.53E-04	1.56E-04	1.93E-05	7.91E-05	5.59E-04	Residence	7.59E-09	1.84E-07	2.02E-07	2.25E-08	0.42	0.00	1.52E-04	1.53E-04	1.56E-04	3.13E-05	7.27E-05	5.65E-04
606352	4121460	1.67E-04	1.68E-04	1.71E-04	2.12E-05	8.29E-05	6.10E-04	Residence	8.28E-09	2.00E-07	2.21E-07	2.45E-08	0.45	0.00	1.67E-04	1.68E-04	1.71E-04	3.45E-05	7.63E-05	6.17E-04
606372	4121460	1.83E-04	1.85E-04	1.88E-04	2.33E-05	8.69E-05	6.67E-04	Residence	9.05E-09	2.19E-07	2.41E-07	2.68E-08	0.50	0.00	1.83E-04	1.85E-04	1.88E-04	3.79E-05	8.00E-05	6.75E-04
606392	4121460	2.02E-04	2.05E-04	2.09E-04	2.56E-05	9.11E-05	7.33E-04	Residence	9.94E-09	2.41E-07	2.65E-07	2.95E-08	0.55	0.00	2.02E-04	2.05E-04	2.09E-04	4.16E-05	8.38E-05	7.42E-04
606412	4121460	2.24E-04	2.27E-04	2.32E-04	2.79E-05	9.52E-05	8.06E-04	Residence	1.09E-08	2.65E-07	2.92E-07	3.24E-08	0.60	0.00	2.24E-04	2.27E-04	2.32E-04	4.53E-05	8.76E-05	8.16E-04
606432	4121460	2.49E-04	2.53E-04	2.59E-04	3.01E-05	9.91E-05	8.90E-04	Residence	1.21E-08	2.92E-07	3.22E-07	3.58E-08	0.66	0.00	2.49E-04	2.53E-04	2.59E-04	4.90E-05	9.12E-05	9.01E-04
606452	4121460	2.78E-04	2.83E-04	2.90E-04	3.23E-05	1.03E-04	9.86E-04	Residence	1.34E-08	3.24E-07	3.57E-07	3.96E-08	0.73	0.00	2.78E-04	2.83E-04	2.90E-04	5.24E-05	9.45E-05	9.98E-04
606472	4121460	3.04E-04	3.10E-04	3.18E-04	3.41E-05	1.06E-04	1.07E-03	Residence	1.45E-08	3.52E-07	3.88E-07	4.31E-08	0.80	0.00	3.04E-04	3.10E-04	3.18E-04	5.54E-05	9.72E-05	1.08E-03
606492	4121460	3.35E-04	3.43E-04	3.52E-04	3.57E-05	1.08E-04	1.17E-03	Residence	1.59E-08	3.85E-07	4.25E-07	4.72E-08	0.87	0.00	3.35E-04	3.43E-04	3.52E-04	5.80E-05	9.93E-05	1.19E-03
606512	4121460	3.70E-04	3.79E-04	3.90E-04	3.69E-05	1.10E-04	1.29E-03	Residence	1.74E-08	4.22E-07	4.65E-07	5.17E-08	0.96	0.00	3.70E-04	3.79E-04	3.90E-04	6.00E-05	1.01E-04	1.30E-03
606532	4121460	4.07E-04	4.18E-04	4.30E-04	3.78E-05	1.11E-04	1.40E-03	Residence	1.90E-08	4.61E-07	5.08E-07	5.64E-08	1.04	0.00	4.07E-04	4.18E-04	4.30E-04	6.14E-05	1.02E-04	1.42E-03
606552	4121460	4.45E-04	4.57E-04	4.70E-04	3.83E-05	1.11E-04	1.52E-03	Residence	2.06E-08	5.00E-07	5.51E-07	6.12E-08	1.13	0.00	4.45E-04	4.57E-04	4.70E-04	6.23E-05	1.02E-04	1.54E-03
606572	4121460	4.82E-04	4.94E-04	5.08E-04	3.85E-05	1.11E-04	1.63E-03	Residence	2.21E-08	5.36E-07	5.91E-07	6.56E-08	1.22	0.00	4.82E-04	4.94E-04	5.08E-04	6.26E-05	1.02E-04	1.65E-03
606592	4121460	5.14E-04	5.27E-04	5.42E-04	3.84E-05	1.10E-04	1.73E-03	Residence	2.35E-08	5.69E-07	6.27E-07	6.96E-08	1.29	0.00	5.14E-04	5.27E-04	5.42E-04	6.25E-05	1.01E-04	1.75E-03
606612	4121460	5.43E-04	5.56E-04	5.71E-04	3.81E-05	1.09E-04	1.82E-03	Residence	2.46E-08	5.97E-07	6.58E-07	7.30E-08	1.35	0.00	5.43E-04	5.56E-04	5.71E-04	6.20E-05	1.00E-04	1.83E-03
606632	4121460	5.67E-04	5.81E-04	5.95E-04	3.77E-05	1.07E-04	1.89E-03	Residence	2.56E-08	6.20E-07	6.84E-07	7.59E-08	1.41	0.00	5.67E-04	5.81E-04	5.95E-04	6.12E-05	9.84E-05	1.90E-03
606652	4121460	5.89E-04	6.02E-04	6.16E-04	3.71E-05	1.05E-04	1.95E-03	Residence	2.64E-08	6.40E-07	7.06E-07	7.83E-08	1.45	0.00	5.89E-04	6.02E-04	6.16E-04	6.03E-05	9.65E-05	1.96E-03
606672	4121460	6.06E-04	6.19E-04	6.33E-04	3.64E-05	1.03E-04	2.00E-03	Residence	2.71E-08	6.56E-07	7.23E-07	8.03E-08	1.49	0.00	6.06E-04	6.19E-04	6.33E-04	5.92E-05	9.43E-05	2.01E-03
606692	4121460	6.20E-04	6.33E-04	6.46E-04	3.57E-05	1.00E-04	2.03E-03	Residence	2.76E-08	6.68E-07	7.36E-07	8.18E-08	1.51	0.00	6.20E-04	6.33E-04	6.46E-04	5.80E-05	9.20E-05	2.05E-03
606712	4121460	6.31E-04	6.43E-04	6.56E-04	3.49E-05	9.74E-05	2.06E-03	Residence	2.80E-08	6.77E-07	7.47E-07	8.29E-08	1.53	0.00	6.31E-04	6.43E-04	6.56E-04	5.67E-05	8.96E-05	2.08E-03
606732	4121460	6.38E-04	6.51E-04	6.63E-04	3.41E-05	9.47E-05	2.08E-03	Residence	2.82E-08	6.83E-07	7.53E-07	8.36E-08	1.55	0.00	6.38E-04	6.51E-04	6.63E-04	5.54E-05	8.71E-05	2.09E-03
606752	4121460	6.43E-04	6.55E-04	6.66E-04	3.33E-05	9.19E-05	2.09E-03	Residence	2.83E-08	6.86E-07	7.56E-07	8.40E-08	1.56	0.00	6.43E-04	6.55E-04	6.66E-04	5.40E-05	8.45E-05	2.10E-03
606772	4121460	6.45E-04	6.57E-04	6.67E-04	3.24E-05	8.90E-05	2.09E-03	Residence	2.84E-08	6.87E-07	7.57E-07	8.40E-08	1.56	0.00	6.45E-04	6.57E-04	6.67E-04	5.27E-05	8.19E-05	2.10E-03

606792	4121460	6.45E-04	6.56E-04	6.65E-04	3.16E-05	8.62E-05	2.08E-03	Residence	2.83E-08	6.84E-07	7.54E-07	8.37E-08	1.55	0.00	6.45E-04	6.56E-04	6.65E-04	5.13E-05	7.93E-05	2.10E-03
606992	4121460	5.52E-04	5.56E-04	5.59E-04	2.27E-05	5.94E-05	1.75E-03	Residence	2.37E-08	5.74E-07	6.33E-07	7.03E-08	1.30	0.00	5.52E-04	5.56E-04	5.59E-04	3.69E-05	5.46E-05	1.76E-03
607012	4121460	5.39E-04	5.43E-04	5.45E-04	2.19E-05	5.71E-05	1.71E-03	Residence	2.31E-08	5.60E-07	6.18E-07	6.86E-08	1.27	0.00	5.39E-04	5.43E-04	5.45E-04	3.55E-05	5.25E-05	1.72E-03
607032	4121460	5.26E-04	5.29E-04	5.31E-04	2.11E-05	5.49E-05	1.66E-03	Residence	2.26E-08	5.46E-07	6.02E-07	6.68E-08	1.24	0.00	5.26E-04	5.29E-04	5.31E-04	3.42E-05	5.05E-05	1.67E-03
607052	4121460	5.15E-04	5.18E-04	5.19E-04	2.03E-05	5.28E-05	1.63E-03	Residence	2.20E-08	5.34E-07	5.88E-07	6.53E-08	1.21	0.00	5.15E-04	5.18E-04	5.19E-04	3.30E-05	4.86E-05	1.63E-03
605632	4121480	5.94E-05	6.00E-05	6.06E-05	2.31E-06	2.18E-05	2.04E-04	Residence	2.77E-09	6.70E-08	7.39E-08	8.20E-09	0.15	0.00	5.94E-05	6.00E-05	6.06E-05	3.76E-06	2.00E-05	2.04E-04
605652	4121480	5.91E-05	5.97E-05	6.03E-05	2.34E-06	2.25E-05	2.04E-04	Residence	2.77E-09	6.70E-08	7.39E-08	8.20E-09	0.15	0.00	5.91E-05	5.97E-05	6.03E-05	3.80E-06	2.07E-05	2.04E-04
605672	4121480	5.97E-05	6.03E-05	6.08E-05	2.37E-06	2.34E-05	2.06E-04	Residence	2.80E-09	6.78E-08	7.47E-08	8.30E-09	0.15	0.00	5.97E-05	6.03E-05	6.08E-05	3.85E-06	2.15E-05	2.06E-04
605692	4121480	6.08E-05	6.14E-05	6.20E-05	2.40E-06	2.43E-05	2.11E-04	Residence	2.86E-09	6.93E-08	7.63E-08	8.48E-09	0.16	0.00	6.08E-05	6.14E-05	6.20E-05	3.91E-06	2.23E-05	2.10E-04
605712	4121480	6.16E-05	6.22E-05	6.28E-05	2.44E-06	2.52E-05	2.14E-04	Residence	2.91E-09	7.04E-08	7.76E-08	8.61E-09	0.16	0.00	6.16E-05	6.22E-05	6.28E-05	3.97E-06	2.32E-05	2.14E-04
605732	4121480	6.17E-05	6.23E-05	6.29E-05	2.48E-06	2.62E-05	2.16E-04	Residence	2.92E-09	7.08E-08	7.80E-08	8.66E-09	0.16	0.00	6.17E-05	6.23E-05	6.29E-05	4.04E-06	2.41E-05	2.15E-04
605752	4121480	6.17E-05	6.23E-05	6.28E-05	2.53E-06	2.72E-05	2.17E-04	Residence	2.94E-09	7.11E-08	7.84E-08	8.70E-09	0.16	0.00	6.17E-05	6.23E-05	6.28E-05	4.11E-06	2.50E-05	2.16E-04
605772	4121480	6.27E-05	6.33E-05	6.38E-05	2.59E-06	2.82E-05	2.21E-04	Residence	2.99E-09	7.25E-08	7.99E-08	8.87E-09	0.16	0.00	6.27E-05	6.33E-05	6.38E-05	4.20E-06	2.60E-05	2.20E-04
605792	4121480	6.34E-05	6.40E-05	6.45E-05	2.65E-06	2.93E-05	2.24E-04	Residence	3.04E-09	7.35E-08	8.10E-08	9.00E-09	0.17	0.00	6.34E-05	6.40E-05	6.45E-05	4.30E-06	2.70E-05	2.23E-04
605812	4121480	6.40E-05	6.46E-05	6.52E-05	2.72E-06	3.05E-05	2.27E-04	Residence	3.08E-09	7.46E-08	8.22E-08	9.13E-09	0.17	0.00	6.40E-05	6.46E-05	6.52E-05	4.42E-06	2.81E-05	2.26E-04
605832	4121480	6.47E-05	6.53E-05	6.58E-05	2.81E-06	3.17E-05	2.30E-04	Residence	3.12E-09	7.56E-08	8.33E-08	9.25E-09	0.17	0.00	6.47E-05	6.53E-05	6.58E-05	4.56E-06	2.92E-05	2.29E-04
605852	4121480	6.54E-05	6.60E-05	6.65E-05	2.91E-06	3.30E-05	2.34E-04	Residence	3.17E-09	7.68E-08	8.46E-08	9.40E-09	0.17	0.00	6.54E-05	6.60E-05	6.65E-05	4.73E-06	3.04E-05	2.33E-04
605872	4121480	6.63E-05	6.68E-05	6.74E-05	3.03E-06	3.44E-05	2.38E-04	Residence	3.23E-09	7.81E-08	8.61E-08	9.56E-09	0.18	0.00	6.63E-05	6.68E-05	6.74E-05	4.92E-06	3.16E-05	2.37E-04
605892	4121480	6.72E-05	6.77E-05	6.82E-05	3.16E-06	3.57E-05	2.42E-04	Residence	3.28E-09	7.95E-08	8.76E-08	9.73E-09	0.18	0.00	6.72E-05	6.77E-05	6.82E-05	5.14E-06	3.29E-05	2.41E-04
605912	4121480	6.82E-05	6.87E-05	6.92E-05	3.32E-06	3.72E-05	2.47E-04	Residence	3.34E-09	8.10E-08	8.93E-08	9.91E-09	0.18	0.00	6.82E-05	6.87E-05	6.92E-05	5.40E-06	3.42E-05	2.46E-04
605932	4121480	6.92E-05	6.97E-05	7.03E-05	3.51E-06	3.87E-05	2.51E-04	Residence	3.41E-09	8.26E-08	9.10E-08	1.01E-08	0.19	0.00	6.92E-05	6.97E-05	7.03E-05	5.70E-06	3.56E-05	2.50E-04
605952	4121480	7.03E-05	7.08E-05	7.14E-05	3.71E-06	4.02E-05	2.56E-04	Residence	3.48E-09	8.42E-08	9.28E-08	1.03E-08	0.19	0.00	7.03E-05	7.08E-05	7.14E-05	6.03E-06	3.70E-05	2.55E-04
605972	4121480	7.15E-05	7.20E-05	7.26E-05	3.94E-06	4.18E-05	2.62E-04	Residence	3.55E-09	8.60E-08	9.48E-08	1.05E-08	0.19	0.00	7.15E-05	7.20E-05	7.26E-05	6.41E-06	3.85E-05	2.61E-04
605992	4121480	7.28E-05	7.33E-05	7.39E-05	4.20E-06	4.34E-05	2.68E-04	Residence	3.63E-09	8.79E-08	9.69E-08	1.08E-08	0.20	0.00	7.28E-05	7.33E-05	7.39E-05	6.82E-06	4.00E-05	2.67E-04
606012	4121480	7.43E-05	7.48E-05	7.53E-05	4.48E-06	4.51E-05	2.74E-04	Residence	3.72E-09	9.00E-08	9.92E-08	1.10E-08	0.20	0.00	7.43E-05	7.48E-05	7.53E-05	7.28E-06	4.15E-05	2.73E-04
606032	4121480	7.59E-05	7.64E-05	7.69E-05	4.79E-06	4.68E-05	2.81E-04	Residence	3.81E-09	9.22E-08	1.02E-07	1.13E-08	0.21	0.00	7.59E-05	7.64E-05	7.69E-05	7.78E-06	4.31E-05	2.80E-04
606052	4121480	7.72E-05	7.77E-05	7.83E-05	5.13E-06	4.86E-05	2.87E-04	Residence	3.89E-09	9.42E-08	1.04E-07	1.15E-08	0.21	0.00	7.72E-05	7.77E-05	7.83E-05	8.34E-06	4.47E-05	2.86E-04
606072	4121480	7.82E-05	7.86E-05	7.91E-05	5.53E-06	5.04E-05	2.92E-04	Residence	3.96E-09	9.58E-08	1.06E-07	1.17E-08	0.22	0.00	7.82E-05	7.86E-05	7.91E-05	8.98E-06	4.63E-05	2.91E-04
606092	4121480	8.02E-05	8.06E-05	8.11E-05	5.99E-06	5.22E-05	3.00E-04	Residence	4.07E-09	9.86E-08	1.09E-07	1.21E-08	0.22	0.00	8.02E-05	8.06E-05	8.11E-05	9.74E-06	4.81E-05	3.00E-04
606112	4121480	8.26E-05	8.29E-05	8.34E-05	6.55E-06	5.42E-05	3.10E-04	Residence	4.20E-09	1.02E-07	1.12E-07	1.25E-08	0.23	0.00	8.26E-05	8.29E-05	8.34E-05	1.06E-05	4.99E-05	3.10E-04
606132	4121480	8.47E-05	8.50E-05	8.55E-05	7.22E-06	5.63E-05	3.19E-04	Residence	4.32E-09	1.05E-07	1.15E-07	1.28E-08	0.24	0.00	8.47E-05	8.50E-05	8.55E-05	1.17E-05	5.18E-05	3.19E-04
606152	4121480	8.76E-05	8.79E-05	8.84E-05	8.02E-06	5.85E-05	3.30E-04	Residence	4.48E-09	1.09E-07	1.20E-07	1.33E-08	0.25	0.00	8.76E-05	8.79E-05	8.84E-05	1.30E-05	5.38E-05	3.31E-04
606172	4121480	9.09E-05	9.12E-05	9.18E-05	8.97E-06	6.09E-05	3.44E-04	Residence	4.66E-09	1.13E-07	1.24E-07	1.38E-08	0.26	0.00	9.09E-05	9.12E-05	9.18E-05	1.46E-05	5.60E-05	3.44E-04
606192	4121480	9.49E-05	9.51E-05	9.58E-05	1.01E-05	6.34E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	9.49E-05	9.51E-05	9.58E-05	1.63E-05	5.83E-05	3.60E-04
606212	4121480	1.00E-04	1.00E-04	1.01E-04	1.13E-05	6.61E-05	3.79E-04	Residence	5.13E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.00E-04	1.00E-04	1.01E-04	1.83E-05	6.08E-05	3.80E-04
606232	4121480	1.06E-04	1.06E-04	1.07E-04	1.26E-05	6.90E-05	4.00E-04	Residence	5.43E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.06E-04	1.06E-04	1.07E-04	2.06E-05	6.35E-05	4.03E-04
606252	4121480	1.13E-04	1.13E-04	1.14E-04	1.41E-05	7.21E-05	4.26E-04	Residence	5.78E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.13E-04	1.13E-04	1.14E-04	2.30E-05	6.63E-05	4.30E-04
606272	4121480	1.21E-04	1.22E-04	1.23E-04	1.57E-05	7.54E-05	4.57E-04	Residence	6.20E-09	1.50E-07	1.65E-07	1.84E-08	0.34	0.00	1.21E-04	1.22E-04	1.23E-04	2.56E-05	6.94E-05	4.61E-04
606292	4121480	1.32E-04	1.32E-04	1.34E-04	1.75E-05	7.90E-05	4.94E-04	Residence	6.70E-09	1.62E-07	1.79E-07	1.99E-08	0.37	0.00	1.32E-04	1.32E-04	1.34E-04	2.84E-05	7.27E-05	4.99E-04
606312	4121480	1.44E-04	1.45E-04	1.46E-04	1.94E-05	8.28E-05	5.37E-04	Residence	7.28E-09	1.76E-07	1.94E-07	2.16E-08	0.40	0.00	1.44E-04	1.45E-04	1.46E-04	3.15E-05	7.62E-05	5.42E-04
606332	4121480	1.57E-04	1.59E-04	1.61E-04	2.15E-05	8.70E-05	5.86E-04	Residence	7.94E-09	1.92E-07	2.12E-07	2.35E-08	0.44	0.00	1.57E-04	1.59E-04	1.61E-04	3.50E-05	8.01E-05	5.92E-04
606352	4121480	1.73E-04	1.75E-04	1.78E-04	2.38E-05	9.15E-05	6.42E-04	Residence	8.71E-09	2.11E-07	2.32E-07	2.58E-08	0.48	0.00	1.73E-04	1.75E-04	1.78E-04	3.87E-05	8.42E-05	6.50E-04
606372	4121480	1.91E-04	1.94E-04	1.97E-04	2.62E-05	9.61E-05	7.05E-04	Residence	9.56E-09	2.31E-07	2.55E-07	2.83E-08	0.52	0.00	1.91E-04	1.94E-04	1.97E-04	4.26E-05	8.84E-05	7.13E-04
606392	4121480	2.13E-04	2.16E-04	2.20E-04	2.88E-05	1.01E-04	7.78E-04	Residence	1.05E-08	2.55E-07	2.82E-07	3.13E-08	0.58	0.00	2.13E-04	2.16E-04	2.20E-04	4.68E-05	9.27E-05	7.88E-04
606412	4121480	2.38E-04	2.42E-04	2.47E-04	3.14E-05	1.05E-04	8.64E-04	Residence	1.17E-08	2.84E-07	3.13E-07	3.47E-08	0.64	0.00	2.38E-04	2.42E-04	2.47E-04	5.10E-05	9.69E-05	8.75E-04
606432	4121480	2.67E-04	2.72E-04	2.78E-04	3.39E-05	1.10E-04	9.60E-04	Residence	1.30E-08	3.15E-07	3.47E-07	3.86E-08	0.71	0.00	2.67E-04	2.72E-04	2.78E-04	5.50E-05	1.01E-04	9.72E-04
606452	4121480	2.96E-04	3.02E-04	3.10E-04	3.61E-05	1.13E-04	1.06E-03	Residence	1.43E-08	3.47E-07	3.83E-07	4.25E-08	0.79	0.00	2.96E-04	3.02E-04	3.10E-04	5.87E-05	1.04E-04	1.07E-03
606472	4121480	3.28E-04	3.35E-04	3.45E-04	3.80E-05	1.16E-04	1.16E-03	Residence	1.58E-08	3.82E-07	4.21E-07	4.67E-08	0.87	0.00	3.28E-04	3.35E-04	3.45E-04	6.17E-05	1.07E-04	1.18E-03
606492	4121480	3.62E-04	3.71E-04	3.82E-04	3.95E-05	1.18E-04	1.27E-03	Residence	1.73E-08	4.18E-07	4.61E-07	5.12E-08	0.95	0.00	3.62E-04	3.71E-04	3.82E-04	6.42E-05	1.09E-04	1.29E-03
606512	4121480	4.00E-04	4.10E-04	4.22E-04	4.06E-05	1.20E-04	1.39E-03	Residence	1.89E-08	4.57E-07	5.04E-07	5.59E-08	1.04	0.00	4.00E-04	4.10E-04	4.22E-04	6.59E-05	1.10E-04	1.41E-03
606532	4121480	4.39E-04	4.51E-04	4.64E-04	4.13E-05	1.20E-04	1.52E-03	Residence	2.05E-08	4.98E-07	5.48E-07	6.09E-08	1.13	0.00	4.39E-04	4.51E-04	4.64E-04	6.71E-05	1.11E-04	1.53E-03
606552	4121480	4.79E-04	4.92E-04	5.07E-04	4.16E-05	1.20E-04	1.64E-03	Residence	2.22E-08	5.39E-07	5.94E-07	6.59E-08	1.22	0.00	4.79E-04	4.92E-04	5.07E-04	6.76E-05	1.10E-04	1.66E-03
606572	4121480	5.17E-04	5.31E-04	5.46E-04	4.16E-05	1.19E-04	1.75E-03	Residence	2.38E-08	5.76E-07	6.35E-07	7.05E-08	1.31	0.00	5.17E-04	5.31E-04	5.46E-04	6.76E-05	1.10E-04	1.77E-03
606592	4121480	5.51E-04	5.66E-04	5.81E-04	4.13E-05	1.18E-04	1.86E-03	Residence	2.52E-08	6.10E-07	6.73E-07	7.47E-08	1.38	0.00	5.51E-04	5.66E-04	5.81E-04	6.71E-05	1.08E-04	1.87E-03
606612	4121480	5.83E-04	5.98E-04	6.14E-04	4.08E-05	1.16E-04	1.95E-03	Residence	2.65E-08	6.41E-07	7.07E-07	7.84E-08	1.45	0.00	5.83E-04	5.98E-04	6.14E-04	6.63E-05	1.07E-04	1.97E-03
606632	4121480	6.11E-04	6.26E-04	6.41E-04	4.02E-05	1.14E-04	2.03E-03	Residence	2.76E-08	6.67E-07	7.35E-07	8.17E-08	1.51	0.00	6.11E-04	6.26E-04	6.41E-04	6.53E-05	1.05E-04	2.05E-03
606652	4121480	6.34E-04	6.48E-04	6.64E-04	3.94E-05	1.11E-04	2.10E-03	Residence	2.84E-08	6.89E-07	7.59E-07	8.42E-08	1.56	0.00	6.34E-04	6.48E-04	6.64E-04	6.41E-05	1.02E-04	2.11E-03
606672	4121480	6.51E-04	6.66E-04	6.81E-04	3.86E-05	1.08E-04	2.14E-03	Residence	2.91E-08	7.05E-07	7.76E-07	8.62E-08	1.60	0.00	6.51E-04	6.66E-04	6.81E-04	6.27E-05	9.96E-05	2.16E-03
606692	4121480	6.65E-04	6.79E-04	6.93E-04	3.77E-05	1.05E-04	2.18E-03	Residence	2.96E-08	7.16E-07	7.89E-07	8.76E-08	1.62	0.00	6.65E-04	6.79E-04	6.93E-04	6.13E-05	9.68E-05	2.19E-03
606712	4121480	6.74E-04	6.87E-04	7.01E-04	3.68E-05	1.02E-04	2.20E-03	Residence	2.98E-08	7.23E-07	7.97E-07	8.85E-08	1.64	0.00	6.74E-04	6.87E-04	7.01E-04	5.98E-05	9.40E-05	2.22E-03
606732	4121480	6.79E-04	6.92E-04	7.04E-04	3.59E-05	9.89E-05	2.21E-03	Residence	3.00E-08	7.26E-07	8.00E-07	8.88E-08	1.64	0.00	6.79E-04	6.92E-04	7.04E-04	5.83E-05	9.10E-05	2.22E-03
606752	4121480	6.80E-04	6.93E-04	7.04E-04	3.49E-05	9.56E-05	2.21E-03	Residence	2.99E-08	7.25E-07	7.99E-07	8.87E-08	1.64	0.00	6.80E-04	6.93E-04	7.04E-04	5.67E-05	8.80E-05	2.22E-03
606772	4121480	6.79E-04	6.91E-04	7.02E-04	3.39E-05	9.24E-05	2.20E-03	Residence	2.98E-08	7.22E-07	7.96E-07	8.84E-08	1.64	0.00	6.79E-04	6.91E-04	7.02E-04	5.50E-05	8.50E-05	2.21E-03
606792	4121480	6.76E-04	6.87E-04	6.97E-04	3.29E-05	8.91E-05	2.18E-03	Residence	2.96E-08	7.17E-07	7.90E-07	8.77E-08	1.62	0.00	6.76E-04	6.87E-04	6.97E-04	5.34E-05	8.20E-05	2.20E-03
606992	4121480	5.62E-04	5.66E-04	5.68E-04	2.29E-05	5.98E-05	1.78E-03	Residence	2.41E-08	5.85E-07	6.44E-07	7.15E-08	1.32	0.00	5.62E-04	5.66E-04	5.68E-04	3.72E-05	5.50E-05	1.79E-03
607012	4121480	5.50E-04	5.53E-04	5.55E-04	2.20E-05	5.74E-05	1.74E-03	Residence	2.36E-08	5.71E-07	6.29E-07	6.98E-08	1.29	0.00	5.50E-04	5.53E-04	5.55E-04	3.58E-05	5.28E-05	1.75E-03
607032	4121480	5.36E-04	5.39E-04	5.40E-04	2.12E-05	5.51E-05	1.69E-03	Residence	2.29E-08	5.55E-07	6.12E-07	6.80E-08	1.26	0.00	5.36E-04	5.39E-04	5.40E-04	3.44E-05	5.07E-05	1.70E-03
607052	4121480	5.21E-04	5.23E-04	5.24E-04	2.03E-05	5.28E-05	1.64E-03	Residence	2.23E-08	5.39E-07	5.94E-07	6.60E-08	1.22	0.00	5.21E-04	5.23E-04	5.24E-04	3.30E-05	4.86E-05	1.65E-03
605632	4121500	6.12E-05	6.18E-05	6.24E-05	2.47E-06	2.25E-05	2.10E-04	Residence	2.85E-09	6.91E-08	7.61E-08	8.45E-09	0.16	0.00	6.12E-05	6.18E-05	6.24E-05	4.01E-06	2.07E-05	2.10E-04
605652	4121500	6.10E-05	6.16E-05	6.22E-05	2.50E-06	2.33E-05	2.10E-04	Residence	2.85E-09	6.91E-08	7.62E-08	8.46E-09	0.16	0.00	6.10E-05	6.16E-05	6.22E-05	4.06E-06	2.14E-05	2.10E-04
605672	4121500	6.21E-05	6.27E-05	6.33E-05	2.53E-06	2.42E-05	2.15E-04	Residence	2.91E-09	7.06E-08	7.78E-08	8.63E-09	0.16	0.00	6.21E-05	6.27E-05	6.33E-05	4.12E-06	2.23E-05	2.14E-04
605692	4121500	6.30E-05	6.37E-05	6.42E-05	2.57E-06	2.52E-05	2.19E-04	Residence	2.96E-09	7.18E-08	7.91E-08	8.79E-09	0.16	0.00	6.30E-05	6.37E-05	6.42E-05	4.17E-06	2.32E-05	2.18E-04
605712	4121500	6.36E-05	6.42E-05	6.48E-05	2.61E-06	2.62E-05	2.21E-04	Residence	3.00E-09	7.27E-08	8.02E-08	8.90E-09	0.16	0.00	6.36E-05	6.42E-05	6.48E-05	4.24E-06	2.41E-05	2.21E-04
605732	4121500	6.31E-05	6.38E-05	6.43E-05	2.65E-06	2.72E-05	2.21E-04	Residence	3.00E-09	7.26E-08	8.00E-08	8.88E-09	0.16	0.00	6.31E-05	6.38E-05	6.43E-05	4.30E-06	2.50E-05	2.21E-04
605752	4121500	6.43E-05	6.50E-05	6.56E-05	2.70E-06	2.83E-05	2.26E-04	Residence	3.06E-09	7.42E-08	8.18E-08	9.08E-09	0.17	0.00	6.43E-05	6.50E-05	6.56E-05	4.38E-06	2.60E-05	2.25E-04
605772	4121500	6.52E-05	6.59E-05	6.66E-05	2.75E-06	2.94E-05	2.30E-04	Residence	3.12E-09	7.55E-08	8.32E-08	9.24E-09	0.17	0.00	6.52E-05	6.59E-05	6.66E-05	4.47E-06	2.71E-05	2.29E-04
605792	4121500	6.58E-05	6.65E-05	6.71E-05	2.81E-06	3.06E-05	2.33E-04	Residence	3.16E-09	7.65E-08	8.43E-08	9.36E-09	0.17	0.00	6.58E-05	6.65E-05	6.71E-05	4.57E-06	2.82E-05	2.32E-04
605812	4121500	6.64E-05	6.71E-05	6.77E-05	2.88E-06	3.19E-05	2.36E-04	Residence	3.20E-09	7.75E-08	8.54E-08	9.48E-09	0.18	0.00	6.64E-05	6.71E-05	6.77E-05	4.69E-06	2.94E-05	2.35E-04
605832	4121500	6.70E-05	6.77E-05	6.83E-05	2.97E-06	3.32E-05	2.39E-04	Residence	3.24E-09	7.86E-08	8.66E-08	9.62E-09	0.18	0.00	6.70E-05	6.77E-05	6.83E-05	4.82E-06	3.06E-05	2.38E-04
605852	4121500	6.77E-05	6.83E-05	6.90E-05	3.07E-06	3.46E-05	2.43E-04	Residence	3.29E-09	7.97E-08	8.79E-08	9.76E-09	0.18	0.00	6.77E-05	6.83E-05	6.90E-05	4.99E-06	3.19E-05	2.42E-04
605872	4121500	6.83E-05	6.91E-05	6.97E-05	3.19E-06	3.61E-05	2.46E-04	Residence	3.34E-09	8.09E-08	8.92E-08	9.90E-09	0.18	0.00	6.83E-05	6.91E-05	6.97E-05	5.18E-06	3.32E-05	2.45E-04
605892	4121500	6.87E-05	6.94E-05	7.02E-05	3.32E-06	3.76E-05	2.49E-04	Residence	3.38E-09	8.19E-08	9.02E-08	1.00E-08	0.19	0.00	6.87E-05	6.94E-05	7.02E-05	5.40E-06	3.46E-05	2.48E-04
605912	4121500	6.95E-05	7.02E-05	7.10E-05	3.49E-06	3.92E-05	2.53E-04	Residence	3.44E-09	8.32E-08	9.17E-08	1.02E-08	0.19	0.00	6.95E-05	7.02E-05	7.10E-05	5.67E-06	3.61E-05	2.52E-04

605932	4121500	7.01E-05	7.08E-05	7.16E-05	3.68E-06	4.09E-05	2.57E-04	Residence	3.48E-09	8.44E-08	9.30E-08	1.03E-08	0.19	0.00	7.01E-05	7.08E-05	7.16E-05	5.97E-06	3.76E-05	2.56E-04
605952	4121500	7.13E-05	7.20E-05	7.28E-05	3.89E-06	4.26E-05	2.63E-04	Residence	3.56E-09	8.62E-08	9.50E-08	1.06E-08	0.20	0.00	7.13E-05	7.20E-05	7.28E-05	6.32E-06	3.92E-05	2.62E-04
605972	4121500	7.21E-05	7.27E-05	7.35E-05	4.14E-06	4.44E-05	2.67E-04	Residence	3.62E-09	8.76E-08	9.66E-08	1.07E-08	0.20	0.00	7.21E-05	7.27E-05	7.35E-05	6.72E-06	4.08E-05	2.66E-04
605992	4121500	7.34E-05	7.40E-05	7.48E-05	4.41E-06	4.62E-05	2.73E-04	Residence	3.70E-09	8.96E-08	9.88E-08	1.10E-08	0.20	0.00	7.34E-05	7.40E-05	7.48E-05	7.17E-06	4.25E-05	2.72E-04
606012	4121500	7.59E-05	7.64E-05	7.68E-05	4.72E-06	4.81E-05	2.82E-04	Residence	3.82E-09	9.26E-08	1.02E-07	1.13E-08	0.21	0.00	7.59E-05	7.64E-05	7.68E-05	7.67E-06	4.43E-05	2.81E-04
606032	4121500	7.72E-05	7.76E-05	7.81E-05	5.06E-06	5.00E-05	2.88E-04	Residence	3.91E-09	9.46E-08	1.04E-07	1.16E-08	0.21	0.00	7.72E-05	7.76E-05	7.81E-05	8.22E-06	4.60E-05	2.87E-04
606052	4121500	7.65E-05	7.70E-05	7.76E-05	5.43E-06	5.20E-05	2.89E-04	Residence	3.91E-09	9.48E-08	1.04E-07	1.16E-08	0.21	0.00	7.65E-05	7.70E-05	7.76E-05	8.82E-06	4.78E-05	2.88E-04
606072	4121500	7.78E-05	7.82E-05	7.87E-05	5.86E-06	5.40E-05	2.95E-04	Residence	3.99E-09	9.68E-08	1.07E-07	1.18E-08	0.22	0.00	7.78E-05	7.82E-05	7.87E-05	9.52E-06	4.97E-05	2.94E-04
606092	4121500	8.07E-05	8.10E-05	8.15E-05	6.37E-06	5.62E-05	3.06E-04	Residence	4.15E-09	1.00E-07	1.11E-07	1.23E-08	0.23	0.00	8.07E-05	8.10E-05	8.15E-05	1.04E-05	5.17E-05	3.05E-04
606112	4121500	8.34E-05	8.37E-05	8.42E-05	6.99E-06	5.84E-05	3.17E-04	Residence	4.30E-09	1.04E-07	1.15E-07	1.27E-08	0.24	0.00	8.34E-05	8.37E-05	8.42E-05	1.14E-05	5.37E-05	3.16E-04
606132	4121500	8.51E-05	8.54E-05	8.59E-05	7.72E-06	6.07E-05	3.25E-04	Residence	4.41E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	8.51E-05	8.54E-05	8.59E-05	1.26E-05	5.59E-05	3.25E-04
606152	4121500	8.72E-05	8.75E-05	8.81E-05	8.61E-06	6.32E-05	3.35E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.34E-08	0.25	0.00	8.72E-05	8.75E-05	8.81E-05	1.40E-05	5.82E-05	3.35E-04
606172	4121500	9.10E-05	9.13E-05	9.19E-05	9.68E-06	6.59E-05	3.50E-04	Residence	4.74E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	9.10E-05	9.13E-05	9.19E-05	1.57E-05	6.06E-05	3.51E-04
606192	4121500	9.49E-05	9.51E-05	9.58E-05	1.09E-05	6.88E-05	3.65E-04	Residence	4.96E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	9.49E-05	9.51E-05	9.58E-05	1.77E-05	6.33E-05	3.67E-04
606212	4121500	9.98E-05	1.00E-04	1.01E-04	1.23E-05	7.19E-05	3.85E-04	Residence	5.22E-09	1.26E-07	1.39E-07	1.55E-08	0.29	0.00	9.98E-05	1.00E-04	1.01E-04	2.00E-05	6.61E-05	3.87E-04
606232	4121500	1.06E-04	1.06E-04	1.07E-04	1.39E-05	7.52E-05	4.08E-04	Residence	5.53E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.06E-04	1.06E-04	1.07E-04	2.25E-05	6.92E-05	4.11E-04
606252	4121500	1.13E-04	1.13E-04	1.14E-04	1.56E-05	7.88E-05	4.35E-04	Residence	5.90E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.13E-04	1.13E-04	1.14E-04	2.53E-05	7.25E-05	4.38E-04
606272	4121500	1.22E-04	1.22E-04	1.23E-04	1.74E-05	8.26E-05	4.67E-04	Residence	6.34E-09	1.54E-07	1.69E-07	1.88E-08	0.35	0.00	1.22E-04	1.22E-04	1.23E-04	2.83E-05	7.60E-05	4.72E-04
606292	4121500	1.33E-04	1.33E-04	1.35E-04	1.95E-05	8.68E-05	5.07E-04	Residence	6.88E-09	1.67E-07	1.84E-07	2.04E-08	0.38	0.00	1.33E-04	1.33E-04	1.35E-04	3.16E-05	7.98E-05	5.12E-04
606312	4121500	1.45E-04	1.46E-04	1.48E-04	2.17E-05	9.13E-05	5.53E-04	Residence	7.49E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.45E-04	1.46E-04	1.48E-04	3.52E-05	8.40E-05	5.59E-04
606332	4121500	1.61E-04	1.62E-04	1.64E-04	2.41E-05	9.62E-05	6.07E-04	Residence	8.23E-09	1.99E-07	2.20E-07	2.44E-08	0.45	0.00	1.61E-04	1.62E-04	1.64E-04	3.92E-05	8.85E-05	6.15E-04
606352	4121500	1.78E-04	1.80E-04	1.83E-04	2.68E-05	1.01E-04	6.70E-04	Residence	9.08E-09	2.20E-07	2.42E-07	2.69E-08	0.50	0.00	1.78E-04	1.80E-04	1.83E-04	4.36E-05	9.32E-05	6.78E-04
606372	4121500	1.98E-04	2.01E-04	2.05E-04	2.96E-05	1.07E-04	7.40E-04	Residence	1.00E-08	2.43E-07	2.68E-07	2.97E-08	0.55	0.00	1.98E-04	2.01E-04	2.05E-04	4.82E-05	9.81E-05	7.50E-04
606392	4121500	2.22E-04	2.25E-04	2.30E-04	3.26E-05	1.12E-04	8.21E-04	Residence	1.11E-08	2.70E-07	2.97E-07	3.30E-08	0.61	0.00	2.22E-04	2.25E-04	2.30E-04	5.29E-05	1.03E-04	8.33E-04
606432	4121500	2.83E-04	2.89E-04	2.96E-04	3.81E-05	1.22E-04	1.03E-03	Residence	1.39E-08	3.38E-07	3.72E-07	4.13E-08	0.77	0.00	2.83E-04	2.89E-04	2.96E-04	6.20E-05	1.12E-04	1.04E-03
606452	4121500	3.19E-04	3.26E-04	3.35E-04	4.05E-05	1.25E-04	1.15E-03	Residence	1.56E-08	3.77E-07	4.15E-07	4.61E-08	0.85	0.00	3.19E-04	3.26E-04	3.35E-04	6.58E-05	1.15E-04	1.16E-03
606472	4121500	3.57E-04	3.66E-04	3.77E-04	4.24E-05	1.28E-04	1.27E-03	Residence	1.72E-08	4.17E-07	4.60E-07	5.11E-08	0.95	0.00	3.57E-04	3.66E-04	3.77E-04	6.89E-05	1.18E-04	1.29E-03
606492	4121500	3.96E-04	4.06E-04	4.18E-04	4.38E-05	1.30E-04	1.39E-03	Residence	1.89E-08	4.58E-07	5.05E-07	5.60E-08	1.04	0.00	3.96E-04	4.06E-04	4.18E-04	7.11E-05	1.20E-04	1.41E-03
606512	4121500	4.37E-04	4.49E-04	4.63E-04	4.47E-05	1.31E-04	1.52E-03	Residence	2.07E-08	5.01E-07	5.52E-07	6.13E-08	1.13	0.00	4.37E-04	4.49E-04	4.63E-04	7.26E-05	1.20E-04	1.54E-03
606532	4121500	4.78E-04	4.91E-04	5.07E-04	4.51E-05	1.31E-04	1.65E-03	Residence	2.24E-08	5.43E-07	5.98E-07	6.64E-08	1.23	0.00	4.78E-04	4.91E-04	5.07E-04	7.33E-05	1.20E-04	1.67E-03
606552	4121500	5.20E-04	5.34E-04	5.51E-04	4.51E-05	1.30E-04	1.78E-03	Residence	2.41E-08	5.85E-07	6.44E-07	7.16E-08	1.32	0.00	5.20E-04	5.34E-04	5.51E-04	7.34E-05	1.19E-04	1.80E-03
606572	4121500	5.60E-04	5.75E-04	5.92E-04	4.49E-05	1.28E-04	1.90E-03	Residence	2.58E-08	6.24E-07	6.88E-07	7.63E-08	1.41	0.00	5.60E-04	5.75E-04	5.92E-04	7.29E-05	1.18E-04	1.92E-03
606592	4121500	5.96E-04	6.12E-04	6.29E-04	4.44E-05	1.26E-04	2.01E-03	Residence	2.72E-08	6.59E-07	7.27E-07	8.07E-08	1.49	0.00	5.96E-04	6.12E-04	6.29E-04	7.21E-05	1.16E-04	2.02E-03
606612	4121500	6.27E-04	6.43E-04	6.60E-04	4.37E-05	1.24E-04	2.10E-03	Residence	2.84E-08	6.89E-07	7.59E-07	8.43E-08	1.56	0.00	6.27E-04	6.43E-04	6.60E-04	7.09E-05	1.14E-04	2.11E-03
606632	4121500	6.53E-04	6.70E-04	6.86E-04	4.28E-05	1.21E-04	2.17E-03	Residence	2.95E-08	7.14E-07	7.87E-07	8.73E-08	1.62	0.00	6.53E-04	6.70E-04	6.86E-04	6.96E-05	1.11E-04	2.19E-03
606652	4121500	6.75E-04	6.91E-04	7.07E-04	4.19E-05	1.17E-04	2.23E-03	Residence	3.03E-08	7.33E-07	8.08E-07	8.97E-08	1.66	0.00	6.75E-04	6.91E-04	7.07E-04	6.80E-05	1.08E-04	2.25E-03
606672	4121500	6.92E-04	7.07E-04	7.22E-04	4.09E-05	1.14E-04	2.28E-03	Residence	3.09E-08	7.48E-07	8.24E-07	9.15E-08	1.69	0.00	6.92E-04	7.07E-04	7.22E-04	6.64E-05	1.05E-04	2.29E-03
606692	4121500	7.02E-04	7.17E-04	7.32E-04	3.98E-05	1.10E-04	2.30E-03	Residence	3.12E-08	7.56E-07	8.33E-07	9.25E-08	1.71	0.00	7.02E-04	7.17E-04	7.32E-04	6.47E-05	1.02E-04	2.32E-03
606712	4121500	7.10E-04	7.24E-04	7.38E-04	3.87E-05	1.07E-04	2.32E-03	Residence	3.14E-08	7.61E-07	8.39E-07	9.31E-08	1.72	0.00	7.10E-04	7.24E-04	7.38E-04	6.29E-05	9.81E-05	2.33E-03
606732	4121500	7.13E-04	7.27E-04	7.40E-04	3.76E-05	1.03E-04	2.32E-03	Residence	3.15E-08	7.62E-07	8.40E-07	9.33E-08	1.73	0.00	7.13E-04	7.27E-04	7.40E-04	6.11E-05	9.47E-05	2.34E-03
606752	4121500	7.13E-04	7.26E-04	7.38E-04	3.64E-05	9.92E-05	2.31E-03	Residence	3.14E-08	7.59E-07	8.37E-07	9.29E-08	1.72	0.00	7.13E-04	7.26E-04	7.38E-04	5.92E-05	9.12E-05	2.33E-03
606772	4121500	7.10E-04	7.22E-04	7.33E-04	3.53E-05	9.54E-05	2.30E-03	Residence	3.11E-08	7.54E-07	8.31E-07	9.23E-08	1.71	0.00	7.10E-04	7.22E-04	7.33E-04	5.73E-05	8.78E-05	2.31E-03
606792	4121500	7.06E-04	7.17E-04	7.27E-04	3.41E-05	9.18E-05	2.28E-03	Residence	3.09E-08	7.48E-07	8.24E-07	9.15E-08	1.69	0.00	7.06E-04	7.17E-04	7.27E-04	5.55E-05	8.44E-05	2.29E-03
606992	4121500	5.71E-04	5.74E-04	5.76E-04	2.30E-05	5.99E-05	1.80E-03	Residence	2.45E-08	5.93E-07	6.53E-07	7.25E-08	1.34	0.00	5.71E-04	5.74E-04	5.76E-04	3.74E-05	5.51E-05	1.81E-03
607012	4121500	5.55E-04	5.58E-04	5.59E-04	2.21E-05	5.74E-05	1.75E-03	Residence	2.37E-08	5.75E-07	6.34E-07	7.04E-08	1.30	0.00	5.55E-04	5.58E-04	5.59E-04	3.58E-05	5.28E-05	1.76E-03
607032	4121500	5.39E-04	5.41E-04	5.42E-04	2.11E-05	5.50E-05	1.70E-03	Residence	2.30E-08	5.58E-07	6.15E-07	6.83E-08	1.26	0.00	5.39E-04	5.41E-04	5.42E-04	3.43E-05	5.06E-05	1.71E-03
607052	4121500	5.25E-04	5.26E-04	5.26E-04	2.03E-05	5.27E-05	1.65E-03	Residence	2.24E-08	5.42E-07	5.97E-07	6.63E-08	1.23	0.00	5.25E-04	5.26E-04	5.26E-04	3.29E-05	4.85E-05	1.66E-03
605632	4121520	6.27E-05	6.34E-05	6.39E-05	2.65E-06	2.32E-05	2.16E-04	Residence	2.93E-09	7.09E-08	7.81E-08	8.67E-09	0.16	0.00	6.27E-05	6.34E-05	6.39E-05	4.30E-06	2.13E-05	2.16E-04
605652	4121520	6.32E-05	6.39E-05	6.45E-05	2.68E-06	2.41E-05	2.18E-04	Residence	2.96E-09	7.18E-08	7.91E-08	8.78E-09	0.16	0.00	6.32E-05	6.39E-05	6.45E-05	4.36E-06	2.22E-05	2.18E-04
605672	4121520	6.43E-05	6.50E-05	6.56E-05	2.72E-06	2.51E-05	2.23E-04	Residence	3.02E-09	7.32E-08	8.06E-08	8.95E-09	0.17	0.00	6.43E-05	6.50E-05	6.56E-05	4.41E-06	2.30E-05	2.22E-04
605692	4121520	6.52E-05	6.59E-05	6.65E-05	2.75E-06	2.61E-05	2.26E-04	Residence	3.07E-09	7.44E-08	8.19E-08	9.10E-09	0.17	0.00	6.52E-05	6.59E-05	6.65E-05	4.47E-06	2.40E-05	2.26E-04
605712	4121520	6.54E-05	6.61E-05	6.67E-05	2.79E-06	2.71E-05	2.28E-04	Residence	3.09E-09	7.50E-08	8.26E-08	9.17E-09	0.17	0.00	6.54E-05	6.61E-05	6.67E-05	4.54E-06	2.50E-05	2.28E-04
605732	4121520	6.50E-05	6.57E-05	6.63E-05	2.83E-06	2.82E-05	2.28E-04	Residence	3.09E-09	7.49E-08	8.25E-08	9.16E-09	0.17	0.00	6.50E-05	6.57E-05	6.63E-05	4.61E-06	2.59E-05	2.27E-04
605752	4121520	6.67E-05	6.74E-05	6.80E-05	2.89E-06	2.94E-05	2.34E-04	Residence	3.18E-09	7.70E-08	8.49E-08	9.42E-09	0.17	0.00	6.67E-05	6.74E-05	6.80E-05	4.69E-06	2.71E-05	2.34E-04
605772	4121520	6.74E-05	6.81E-05	6.89E-05	2.94E-06	3.07E-05	2.38E-04	Residence	3.23E-09	7.82E-08	8.62E-08	9.57E-09	0.18	0.00	6.74E-05	6.81E-05	6.89E-05	4.78E-06	2.82E-05	2.37E-04
605792	4121520	6.80E-05	6.87E-05	6.94E-05	3.00E-06	3.20E-05	2.41E-04	Residence	3.27E-09	7.92E-08	8.73E-08	9.69E-09	0.18	0.00	6.80E-05	6.87E-05	6.94E-05	4.88E-06	2.94E-05	2.40E-04
605812	4121520	6.85E-05	6.93E-05	7.00E-05	3.07E-06	3.34E-05	2.44E-04	Residence	3.31E-09	8.02E-08	8.84E-08	9.82E-09	0.18	0.00	6.85E-05	6.93E-05	7.00E-05	4.99E-06	3.07E-05	2.44E-04
605832	4121520	6.92E-05	6.99E-05	7.06E-05	3.16E-06	3.48E-05	2.48E-04	Residence	3.36E-09	8.13E-08	8.96E-08	9.95E-09	0.18	0.00	6.92E-05	6.99E-05	7.06E-05	5.13E-06	3.20E-05	2.47E-04
605852	4121520	6.98E-05	7.05E-05	7.12E-05	3.25E-06	3.64E-05	2.51E-04	Residence	3.41E-09	8.25E-08	9.09E-08	1.01E-08	0.19	0.00	6.98E-05	7.05E-05	7.12E-05	5.29E-06	3.35E-05	2.50E-04
605872	4121520	7.05E-05	7.12E-05	7.19E-05	3.37E-06	3.80E-05	2.55E-04	Residence	3.46E-09	8.38E-08	9.23E-08	1.02E-08	0.19	0.00	7.05E-05	7.12E-05	7.19E-05	5.48E-06	3.49E-05	2.54E-04
605892	4121520	7.11E-05	7.19E-05	7.26E-05	3.51E-06	3.97E-05	2.59E-04	Residence	3.51E-09	8.50E-08	9.37E-08	1.04E-08	0.19	0.00	7.11E-05	7.19E-05	7.26E-05	5.71E-06	3.65E-05	2.58E-04
605912	4121520	7.20E-05	7.27E-05	7.34E-05	3.68E-06	4.14E-05	2.63E-04	Residence	3.57E-09	8.65E-08	9.53E-08	1.06E-08	0.20	0.00	7.20E-05	7.27E-05	7.34E-05	5.97E-06	3.81E-05	2.62E-04
605932	4121520	7.27E-05	7.34E-05	7.43E-05	3.87E-06	4.33E-05	2.68E-04	Residence	3.63E-09	8.79E-08	9.69E-08	1.08E-08	0.20	0.00	7.27E-05	7.34E-05	7.43E-05	6.29E-06	3.98E-05	2.67E-04
605952	4121520	7.32E-05	7.40E-05	7.48E-05	4.10E-06	4.52E-05	2.71E-04	Residence	3.68E-09	8.91E-08	9.82E-08	1.09E-08	0.20	0.00	7.32E-05	7.40E-05	7.48E-05	6.66E-06	4.16E-05	2.70E-04
605972	4121520	7.40E-05	7.47E-05	7.55E-05	4.35E-06	4.72E-05	2.76E-04	Residence	3.74E-09	9.06E-08	9.99E-08	1.11E-08	0.21	0.00	7.40E-05	7.47E-05	7.55E-05	7.08E-06	4.34E-05	2.75E-04
605992	4121520	7.52E-05	7.58E-05	7.65E-05	4.65E-06	4.93E-05	2.81E-04	Residence	3.82E-09	9.24E-08	1.02E-07	1.13E-08	0.21	0.00	7.52E-05	7.58E-05	7.65E-05	7.55E-06	4.53E-05	2.80E-04
606012	4121520	7.73E-05	7.78E-05	7.82E-05	4.98E-06	5.15E-05	2.90E-04	Residence	3.93E-09	9.52E-08	1.05E-07	1.16E-08	0.22	0.00	7.73E-05	7.78E-05	7.82E-05	8.10E-06	4.73E-05	2.89E-04
606032	4121520	7.85E-05	7.89E-05	7.92E-05	5.35E-06	5.37E-05	2.96E-04	Residence	4.01E-09	9.71E-08	1.07E-07	1.19E-08	0.22	0.00	7.85E-05	7.89E-05	7.92E-05	8.70E-06	4.94E-05	2.95E-04
606052	4121520	7.81E-05	7.85E-05	7.90E-05	5.76E-06	5.58E-05	2.97E-04	Residence	4.03E-09	9.76E-08	1.08E-07	1.19E-08	0.22	0.00	7.81E-05	7.85E-05	7.90E-05	9.36E-06	5.14E-05	2.96E-04
606072	4121520	7.89E-05	7.93E-05	7.98E-05	6.23E-06	5.81E-05	3.02E-04	Residence	4.10E-09	9.93E-08	1.09E-07	1.22E-08	0.23	0.00	7.89E-05	7.93E-05	7.98E-05	1.01E-05	5.35E-05	3.02E-04
606092	4121520	8.15E-05	8.19E-05	8.24E-05	6.79E-06	6.06E-05	3.13E-04	Residence	4.25E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	8.15E-05	8.19E-05	8.24E-05	1.10E-05	5.58E-05	3.13E-04
606112	4121520	8.43E-05	8.46E-05	8.51E-05	7.47E-06	6.32E-05	3.25E-04	Residence	4.40E-09	1.07E-07	1.18E-07	1.30E-08	0.24	0.00	8.43E-05	8.46E-05	8.51E-05	1.21E-05	5.81E-05	3.24E-04
606132	4121520	8.71E-05	8.74E-05	8.80E-05	8.29E-06	6.59E-05	3.37E-04	Residence	4.57E-09	1.11E-07	1.22E-07	1.35E-08	0.25	0.00	8.71E-05	8.74E-05	8.80E-05	1.35E-05	6.06E-05	3.37E-04
606152	4121520	9.00E-05	9.03E-05	9.08E-05	9.29E-06	6.87E-05	3.49E-04	Residence	4.74E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	9.00E-05	9.03E-05	9.08E-05	1.51E-05	6.32E-05	3.49E-04
606172	4121520	9.35E-05	9.38E-05	9.44E-05	1.05E-05	7.18E-05	3.64E-04	Residence	4.94E-09	1.20E-07	1.32E-07	1.46E-08	0.27	0.00	9.35E-05	9.38E-05	9.44E-05	1.71E-05	6.61E-05	3.65E-04
606192	4121520	9.72E-05	9.75E-05	9.82E-05	1.19E-05	7.51E-05	3.80E-04	Residence	5.15E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	9.72E-05	9.75E-05	9.82E-05	1.93E-05	6.91E-05	3.81E-04
606212	4121520	1.02E-04	1.03E-04	1.04E-04	1.35E-05	7.87E-05	4.01E-04	Residence	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.02E-04	1.03E-04	1.04E-04	2.19E-05	7.24E-05	4.03E-04
606232	4121520	1.08E-04	1.09E-04	1.10E-04	1.53E-05	8.25E-05	4.25E-04	Residence	5.76E-09	1.39E-07	1.54E-07	1.71E-08	0.32	0.00	1.08E-04	1.09E-04	1.10E-04	2.49E-05	7.59E-05	4.28E-04
606252	4121520	1.16E-04	1.17E-04	1.18E-04	1.73E-05	8.67E-05	4.55E-04	Residence	6.17E-09	1.49E-07	1.65E-07	1.83E-08	0.34	0.00	1.16E-04	1.17E-04	1.18E-04	2.81E-05	7.98E-05	4.59E-04
606272	4121520	1.24E-04	1.25E-04	1.26E-04	1.94E-05	9.11E-05	4.86E-04	Residence	6.58E-09	1.59E-07	1.76E-07	1.95E-08	0.36	0.00	1.24E-04	1.25E-04	1.26E-04	3.16E-05	8.38E-05	4.90E-04
606292	4121520	1.36E-04	1.36E-04	1.38E-04	2.18E-05	9.60E-05	5.28E-04	Residence	7.16E-09	1.73E-07	1.91E-07	2.12E-08	0.39	0.00	1.36E-04	1.36E-04	1.38E-04	3.55E-05	8.83E-05	5.34E-04
606312	4121520	1.50E-04	1.51E-04	1.53E-04	2.45E-05	1.01E-04	5.81E-04	Residence	7.88E-09	1.91E-07	2.10E-07	2.33E-08	0.43	0.00	1.50E-04	1.51E-04	1.53E-04	3.98E-05	9.33E-05	5.88E-04
606332	4121520	1.67E-04	1.69E-04	1.71E-04	2.74E-05	1.07E-04	6.41E-04	Residence	8.70E-09	2.11E-07	2.32E-07	2.58E-08	0.48	0.00	1.67E-04	1.69E-04	1.71E-04	4.45E-05	9.86E-05	6.50E-04

606352	4121520	1.87E-04	1.89E-04	1.92E-04	3.05E-05	1.13E-04	7.12E-04	Residence	9.66E-09	2.34E-07	2.58E-07	2.86E-08	0.53	0.00	1.87E-04	1.89E-04	1.92E-04	4.95E-05	1.04E-04	7.22E-04
606372	4121520	2.10E-04	2.13E-04	2.17E-04	3.38E-05	1.19E-04	7.93E-04	Residence	1.08E-08	2.60E-07	2.87E-07	3.19E-08	0.59	0.00	2.10E-04	2.13E-04	2.17E-04	5.49E-05	1.10E-04	8.04E-04
606432	4121520	3.01E-04	3.07E-04	3.15E-04	4.31E-05	1.35E-04	1.10E-03	Residence	1.49E-08	3.62E-07	3.99E-07	4.43E-08	0.82	0.00	3.01E-04	3.07E-04	3.15E-04	7.00E-05	1.24E-04	1.12E-03
606452	4121520	3.39E-04	3.47E-04	3.57E-04	4.54E-05	1.39E-04	1.23E-03	Residence	1.67E-08	4.03E-07	4.45E-07	4.94E-08	0.91	0.00	3.39E-04	3.47E-04	3.57E-04	7.38E-05	1.28E-04	1.25E-03
606472	4121520	3.84E-04	3.93E-04	4.05E-04	4.73E-05	1.41E-04	1.37E-03	Residence	1.86E-08	4.50E-07	4.96E-07	5.51E-08	1.02	0.00	3.84E-04	3.93E-04	4.05E-04	7.68E-05	1.30E-04	1.39E-03
606492	4121520	4.32E-04	4.44E-04	4.58E-04	4.85E-05	1.43E-04	1.52E-03	Residence	2.07E-08	5.01E-07	5.52E-07	6.13E-08	1.13	0.00	4.32E-04	4.44E-04	4.58E-04	7.88E-05	1.31E-04	1.54E-03
606512	4121520	4.81E-04	4.94E-04	5.10E-04	4.92E-05	1.43E-04	1.68E-03	Residence	2.28E-08	5.51E-07	6.07E-07	6.74E-08	1.25	0.00	4.81E-04	4.94E-04	5.10E-04	7.99E-05	1.32E-04	1.70E-03
606532	4121520	5.28E-04	5.43E-04	5.60E-04	4.93E-05	1.42E-04	1.82E-03	Residence	2.47E-08	5.98E-07	6.59E-07	7.32E-08	1.36	0.00	5.28E-04	5.43E-04	5.60E-04	8.01E-05	1.31E-04	1.84E-03
606552	4121520	5.71E-04	5.88E-04	6.06E-04	4.91E-05	1.40E-04	1.95E-03	Residence	2.65E-08	6.42E-07	7.07E-07	7.85E-08	1.45	0.00	5.71E-04	5.88E-04	6.06E-04	7.97E-05	1.29E-04	1.97E-03
606572	4121520	6.12E-04	6.29E-04	6.47E-04	4.85E-05	1.38E-04	2.07E-03	Residence	2.81E-08	6.82E-07	7.51E-07	8.34E-08	1.54	0.00	6.12E-04	6.29E-04	6.47E-04	7.88E-05	1.27E-04	2.09E-03
606592	4121520	6.48E-04	6.66E-04	6.85E-04	4.77E-05	1.35E-04	2.18E-03	Residence	2.96E-08	7.17E-07	7.90E-07	8.77E-08	1.62	0.00	6.48E-04	6.66E-04	6.85E-04	7.75E-05	1.24E-04	2.20E-03
606612	4121520	6.79E-04	6.97E-04	7.16E-04	4.67E-05	1.32E-04	2.27E-03	Residence	3.08E-08	7.46E-07	8.22E-07	9.13E-08	1.69	0.00	6.79E-04	6.97E-04	7.16E-04	7.59E-05	1.21E-04	2.29E-03
606632	4121520	7.04E-04	7.21E-04	7.39E-04	4.56E-05	1.28E-04	2.34E-03	Residence	3.17E-08	7.68E-07	8.46E-07	9.39E-08	1.74	0.00	7.04E-04	7.21E-04	7.39E-04	7.41E-05	1.18E-04	2.36E-03
606652	4121520	7.24E-04	7.42E-04	7.59E-04	4.45E-05	1.24E-04	2.39E-03	Residence	3.25E-08	7.86E-07	8.66E-07	9.62E-08	1.78	0.00	7.24E-04	7.42E-04	7.59E-04	7.23E-05	1.14E-04	2.41E-03
606672	4121520	7.37E-04	7.54E-04	7.70E-04	4.32E-05	1.20E-04	2.42E-03	Residence	3.29E-08	7.96E-07	8.77E-07	9.74E-08	1.80	0.00	7.37E-04	7.54E-04	7.70E-04	7.03E-05	1.10E-04	2.44E-03
606692	4121520	7.46E-04	7.62E-04	7.78E-04	4.20E-05	1.15E-04	2.44E-03	Residence	3.31E-08	8.03E-07	8.85E-07	9.82E-08	1.82	0.00	7.46E-04	7.62E-04	7.78E-04	6.82E-05	1.06E-04	2.46E-03
606712	4121520	7.52E-04	7.67E-04	7.81E-04	4.07E-05	1.11E-04	2.45E-03	Residence	3.32E-08	8.05E-07	8.87E-07	9.85E-08	1.82	0.00	7.52E-04	7.67E-04	7.81E-04	6.61E-05	1.02E-04	2.47E-03
606732	4121520	7.52E-04	7.67E-04	7.80E-04	3.93E-05	1.07E-04	2.44E-03	Residence	3.32E-08	8.03E-07	8.85E-07	9.83E-08	1.82	0.00	7.52E-04	7.67E-04	7.80E-04	6.39E-05	9.83E-05	2.46E-03
606752	4121520	7.50E-04	7.63E-04	7.75E-04	3.80E-05	1.03E-04	2.43E-03	Residence	3.29E-08	7.98E-07	8.79E-07	9.76E-08	1.81	0.00	7.50E-04	7.63E-04	7.75E-04	6.17E-05	9.43E-05	2.44E-03
606772	4121520	7.45E-04	7.57E-04	7.68E-04	3.67E-05	9.83E-05	2.41E-03	Residence	3.26E-08	7.90E-07	8.71E-07	9.67E-08	1.79	0.00	7.45E-04	7.57E-04	7.68E-04	5.96E-05	9.04E-05	2.42E-03
606792	4121520	7.38E-04	7.49E-04	7.59E-04	3.53E-05	9.42E-05	2.38E-03	Residence	3.22E-08	7.80E-07	8.60E-07	9.55E-08	1.77	0.00	7.38E-04	7.49E-04	7.59E-04	5.74E-05	8.66E-05	2.39E-03
606852	4121520	7.00E-04	7.08E-04	7.15E-04	3.13E-05	8.24E-05	2.24E-03	Santa Teresa Elementary School	3.03E-08	7.35E-07	8.10E-07	8.99E-08	1.66	0.00	7.00E-04	7.08E-04	7.15E-04	5.09E-05	7.58E-05	2.25E-03
606872	4121520	6.86E-04	6.93E-04	6.98E-04	3.00E-05	7.87E-05	2.19E-03	Santa Teresa Elementary School	2.96E-08	7.18E-07	7.91E-07	8.78E-08	1.63	0.00	6.86E-04	6.93E-04	6.98E-04	4.88E-05	7.24E-05	2.20E-03
606892	4121520	6.72E-04	6.78E-04	6.83E-04	2.88E-05	7.53E-05	2.14E-03	Santa Teresa Elementary School	2.90E-08	7.02E-07	7.74E-07	8.59E-08	1.59	0.00	6.72E-04	6.78E-04	6.83E-04	4.68E-05	6.93E-05	2.15E-03
606912	4121520	6.54E-04	6.60E-04	6.63E-04	2.75E-05	7.19E-05	2.08E-03	Santa Teresa Elementary School	2.82E-08	6.82E-07	7.52E-07	8.35E-08	1.55	0.00	6.54E-04	6.60E-04	6.63E-04	4.47E-05	6.61E-05	2.09E-03
606932	4121520	6.36E-04	6.41E-04	6.43E-04	2.63E-05	6.87E-05	2.02E-03	Santa Teresa Elementary School	2.73E-08	6.62E-07	7.30E-07	8.10E-08	1.50	0.00	6.36E-04	6.41E-04	6.43E-04	4.28E-05	6.32E-05	2.03E-03
606992	4121520	5.77E-04	5.79E-04	5.80E-04	2.30E-05	5.98E-05	1.82E-03	Residence	2.47E-08	5.97E-07	6.58E-07	7.31E-08	1.35	0.00	5.77E-04	5.79E-04	5.80E-04	3.74E-05	5.50E-05	1.83E-03
607012	4121520	5.59E-04	5.60E-04	5.60E-04	2.20E-05	5.72E-05	1.76E-03	Residence	2.38E-08	5.78E-07	6.36E-07	7.07E-08	1.31	0.00	5.59E-04	5.60E-04	5.60E-04	3.57E-05	5.26E-05	1.77E-03
607032	4121520	5.41E-04	5.42E-04	5.41E-04	2.10E-05	5.47E-05	1.70E-03	Residence	2.30E-08	5.58E-07	6.15E-07	6.83E-08	1.26	0.00	5.41E-04	5.42E-04	5.41E-04	3.41E-05	5.03E-05	1.71E-03
607052	4121520	5.26E-04	5.26E-04	5.26E-04	2.01E-05	5.23E-05	1.65E-03	Residence	2.24E-08	5.42E-07	5.97E-07	6.63E-08	1.23	0.00	5.26E-04	5.26E-04	5.26E-04	3.27E-05	4.82E-05	1.66E-03
605632	4121540	6.46E-05	6.53E-05	6.59E-05	2.84E-06	2.39E-05	2.23E-04	Residence	3.02E-09	7.31E-08	8.06E-08	8.94E-09	0.17	0.00	6.46E-05	6.53E-05	6.59E-05	4.62E-06	2.20E-05	2.22E-04
605652	4121540	6.60E-05	6.67E-05	6.73E-05	2.88E-06	2.49E-05	2.28E-04	Residence	3.09E-09	7.48E-08	8.25E-08	9.16E-09	0.17	0.00	6.60E-05	6.67E-05	6.73E-05	4.69E-06	2.29E-05	2.28E-04
605672	4121540	6.68E-05	6.75E-05	6.82E-05	2.92E-06	2.59E-05	2.31E-04	Residence	3.14E-09	7.60E-08	8.37E-08	9.30E-09	0.17	0.00	6.68E-05	6.75E-05	6.82E-05	4.75E-06	2.39E-05	2.31E-04
605692	4121540	6.74E-05	6.82E-05	6.89E-05	2.96E-06	2.70E-05	2.34E-04	Residence	3.18E-09	7.70E-08	8.49E-08	9.42E-09	0.17	0.00	6.74E-05	6.82E-05	6.89E-05	4.82E-06	2.48E-05	2.34E-04
605712	4121540	6.80E-05	6.88E-05	6.95E-05	3.01E-06	2.81E-05	2.37E-04	Residence	3.22E-09	7.80E-08	8.60E-08	9.54E-09	0.18	0.00	6.80E-05	6.88E-05	6.95E-05	4.88E-06	2.59E-05	2.37E-04
605732	4121540	6.71E-05	6.79E-05	6.85E-05	3.05E-06	2.93E-05	2.36E-04	Residence	3.20E-09	7.75E-08	8.54E-08	9.48E-09	0.18	0.00	6.71E-05	6.79E-05	6.85E-05	4.96E-06	2.69E-05	2.35E-04
605752	4121540	6.92E-05	7.00E-05	7.06E-05	3.10E-06	3.06E-05	2.44E-04	Residence	3.30E-09	8.00E-08	8.81E-08	9.79E-09	0.18	0.00	6.92E-05	7.00E-05	7.06E-05	5.04E-06	2.82E-05	2.43E-04
605772	4121540	6.98E-05	7.06E-05	7.13E-05	3.16E-06	3.20E-05	2.47E-04	Residence	3.35E-09	8.11E-08	8.93E-08	9.92E-09	0.18	0.00	6.98E-05	7.06E-05	7.13E-05	5.13E-06	2.94E-05	2.46E-04
605792	4121540	7.03E-05	7.11E-05	7.18E-05	3.22E-06	3.34E-05	2.50E-04	Residence	3.39E-09	8.20E-08	9.04E-08	1.00E-08	0.19	0.00	7.03E-05	7.11E-05	7.18E-05	5.23E-06	3.07E-05	2.49E-04
605812	4121540	7.09E-05	7.17E-05	7.25E-05	3.29E-06	3.49E-05	2.53E-04	Residence	3.43E-09	8.32E-08	9.17E-08	1.02E-08	0.19	0.00	7.09E-05	7.17E-05	7.25E-05	5.35E-06	3.21E-05	2.53E-04
605832	4121540	7.15E-05	7.23E-05	7.31E-05	3.37E-06	3.65E-05	2.57E-04	Residence	3.48E-09	8.43E-08	9.29E-08	1.03E-08	0.19	0.00	7.15E-05	7.23E-05	7.31E-05	5.48E-06	3.36E-05	2.56E-04
605852	4121540	7.20E-05	7.27E-05	7.34E-05	3.47E-06	3.82E-05	2.60E-04	Residence	3.52E-09	8.53E-08	9.40E-08	1.04E-08	0.19	0.00	7.20E-05	7.27E-05	7.34E-05	5.64E-06	3.52E-05	2.59E-04
605872	4121540	7.28E-05	7.36E-05	7.43E-05	3.59E-06	4.00E-05	2.64E-04	Residence	3.58E-09	8.68E-08	9.57E-08	1.06E-08	0.20	0.00	7.28E-05	7.36E-05	7.43E-05	5.83E-06	3.68E-05	2.63E-04
605892	4121540	7.35E-05	7.43E-05	7.50E-05	3.73E-06	4.19E-05	2.68E-04	Residence	3.64E-09	8.82E-08	9.72E-08	1.08E-08	0.20	0.00	7.35E-05	7.43E-05	7.50E-05	6.06E-06	3.85E-05	2.67E-04
605912	4121540	7.43E-05	7.50E-05	7.58E-05	3.89E-06	4.38E-05	2.73E-04	Residence	3.70E-09	8.96E-08	9.88E-08	1.10E-08	0.20	0.00	7.43E-05	7.50E-05	7.58E-05	6.33E-06	4.03E-05	2.72E-04
605932	4121540	7.51E-05	7.58E-05	7.66E-05	4.09E-06	4.59E-05	2.78E-04	Residence	3.76E-09	9.12E-08	1.00E-07	1.12E-08	0.21	0.00	7.51E-05	7.58E-05	7.66E-05	6.65E-06	4.23E-05	2.76E-04
605952	4121540	7.60E-05	7.67E-05	7.74E-05	4.33E-06	4.81E-05	2.83E-04	Residence	3.83E-09	9.28E-08	1.02E-07	1.14E-08	0.21	0.00	7.60E-05	7.67E-05	7.74E-05	7.03E-06	4.42E-05	2.81E-04
605972	4121540	7.68E-05	7.74E-05	7.81E-05	4.60E-06	5.03E-05	2.87E-04	Residence	3.90E-09	9.44E-08	1.04E-07	1.15E-08	0.21	0.00	7.68E-05	7.74E-05	7.81E-05	7.47E-06	4.63E-05	2.86E-04
605992	4121540	7.72E-05	7.77E-05	7.84E-05	4.91E-06	5.27E-05	2.91E-04	Residence	3.95E-09	9.56E-08	1.05E-07	1.17E-08	0.22	0.00	7.72E-05	7.77E-05	7.84E-05	7.98E-06	4.85E-05	2.90E-04
606012	4121540	7.87E-05	7.91E-05	7.96E-05	5.27E-06	5.51E-05	2.98E-04	Residence	4.04E-09	9.78E-08	1.08E-07	1.20E-08	0.22	0.00	7.87E-05	7.91E-05	7.96E-05	8.57E-06	5.07E-05	2.97E-04
606032	4121540	7.97E-05	8.01E-05	8.05E-05	5.68E-06	5.77E-05	3.04E-04	Residence	4.12E-09	9.97E-08	1.10E-07	1.22E-08	0.23	0.00	7.97E-05	8.01E-05	8.05E-05	9.22E-06	5.30E-05	3.03E-04
606052	4121540	7.95E-05	8.00E-05	8.05E-05	6.13E-06	6.02E-05	3.06E-04	Residence	4.15E-09	1.01E-07	1.11E-07	1.23E-08	0.23	0.00	7.95E-05	8.00E-05	8.05E-05	9.95E-06	5.54E-05	3.05E-04
606072	4121540	8.01E-05	8.05E-05	8.10E-05	6.64E-06	6.28E-05	3.11E-04	Residence	4.22E-09	1.02E-07	1.13E-07	1.25E-08	0.23	0.00	8.01E-05	8.05E-05	8.10E-05	1.08E-05	5.78E-05	3.10E-04
606092	4121540	8.28E-05	8.31E-05	8.37E-05	7.26E-06	6.56E-05	3.22E-04	Residence	4.37E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	8.28E-05	8.31E-05	8.37E-05	1.18E-05	6.04E-05	3.22E-04
606112	4121540	8.54E-05	8.57E-05	8.63E-05	8.01E-06	6.86E-05	3.34E-04	Residence	4.53E-09	1.10E-07	1.21E-07	1.34E-08	0.25	0.00	8.54E-05	8.57E-05	8.63E-05	1.30E-05	6.31E-05	3.33E-04
606132	4121540	8.74E-05	8.77E-05	8.83E-05	8.92E-06	7.16E-05	3.44E-04	Residence	4.66E-09	1.13E-07	1.25E-07	1.38E-08	0.26	0.00	8.74E-05	8.77E-05	8.83E-05	1.45E-05	6.59E-05	3.44E-04
606152	4121540	9.05E-05	9.08E-05	9.14E-05	1.00E-05	7.49E-05	3.58E-04	Residence	4.85E-09	1.17E-07	1.29E-07	1.44E-08	0.27	0.00	9.05E-05	9.08E-05	9.14E-05	1.63E-05	6.89E-05	3.58E-04
606172	4121540	9.39E-05	9.43E-05	9.49E-05	1.14E-05	7.85E-05	3.73E-04	Residence	5.06E-09	1.23E-07	1.35E-07	1.50E-08	0.28	0.00	9.39E-05	9.43E-05	9.49E-05	1.85E-05	7.22E-05	3.74E-04
606192	4121540	9.79E-05	9.83E-05	9.89E-05	1.30E-05	8.23E-05	3.90E-04	Residence	5.29E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	9.79E-05	9.83E-05	9.89E-05	2.11E-05	7.57E-05	3.92E-04
606212	4121540	1.03E-04	1.03E-04	1.04E-04	1.49E-05	8.64E-05	4.11E-04	Residence	5.58E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.03E-04	1.03E-04	1.04E-04	2.42E-05	7.95E-05	4.14E-04
606232	4121540	1.10E-04	1.10E-04	1.11E-04	1.70E-05	9.09E-05	4.38E-04	Residence	5.94E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.10E-04	1.10E-04	1.11E-04	2.76E-05	8.37E-05	4.42E-04
606252	4121540	1.17E-04	1.18E-04	1.19E-04	1.93E-05	9.58E-05	4.69E-04	Residence	6.36E-09	1.54E-07	1.70E-07	1.89E-08	0.35	0.00	1.17E-04	1.18E-04	1.19E-04	3.13E-05	8.81E-05	4.74E-04
606272	4121540	1.27E-04	1.27E-04	1.29E-04	2.18E-05	1.01E-04	5.05E-04	Residence	6.85E-09	1.66E-07	1.83E-07	2.03E-08	0.38	0.00	1.27E-04	1.27E-04	1.29E-04	3.55E-05	9.30E-05	5.11E-04
606292	4121540	1.39E-04	1.40E-04	1.42E-04	2.46E-05	1.07E-04	5.52E-04	Residence	7.49E-09	1.81E-07	2.00E-07	2.22E-08	0.41	0.00	1.39E-04	1.40E-04	1.42E-04	4.01E-05	9.83E-05	5.59E-04
606312	4121540	1.54E-04	1.55E-04	1.57E-04	2.78E-05	1.13E-04	6.07E-04	Residence	8.24E-09	1.99E-07	2.20E-07	2.44E-08	0.45	0.00	1.54E-04	1.55E-04	1.57E-04	4.51E-05	1.04E-04	6.16E-04
606332	4121540	1.73E-04	1.74E-04	1.77E-04	3.12E-05	1.20E-04	6.75E-04	Residence	9.15E-09	2.22E-07	2.44E-07	2.71E-08	0.50	0.00	1.73E-04	1.74E-04	1.77E-04	5.07E-05	1.10E-04	6.85E-04
606352	4121540	1.94E-04	1.97E-04	2.00E-04	3.49E-05	1.27E-04	7.53E-04	Residence	1.02E-08	2.47E-07	2.73E-07	3.03E-08	0.56	0.00	1.94E-04	1.97E-04	2.00E-04	5.67E-05	1.17E-04	7.65E-04
606472	4121540	4.15E-04	4.26E-04	4.40E-04	5.27E-05	1.56E-04	1.49E-03	Residence	2.02E-08	4.90E-07	5.39E-07	5.99E-08	1.11	0.00	4.15E-04	4.26E-04	4.40E-04	8.56E-05	1.44E-04	1.51E-03
606492	4121540	4.68E-04	4.81E-04	4.97E-04	5.36E-05	1.57E-04	1.66E-03	Residence	2.25E-08	5.44E-07	5.99E-07	6.66E-08	1.23	0.00	4.68E-04	4.81E-04	4.97E-04	8.72E-05	1.44E-04	1.68E-03
606512	4121540	5.22E-04	5.37E-04	5.55E-04	5.40E-05	1.56E-04	1.82E-03	Residence	2.47E-08	5.99E-07	6.60E-07	7.33E-08	1.36	0.00	5.22E-04	5.37E-04	5.55E-04	8.77E-05	1.44E-04	1.85E-03
606532	4121540	5.76E-04	5.93E-04	6.12E-04	5.38E-05	1.54E-04	1.99E-03	Residence	2.70E-08	6.53E-07	7.20E-07	7.99E-08	1.48	0.00	5.76E-04	5.93E-04	6.12E-04	8.74E-05	1.42E-04	2.01E-03
606552	4121540	6.28E-04	6.46E-04	6.66E-04	5.33E-05	1.52E-04	2.14E-03	Residence	2.91E-08	7.05E-07	7.76E-07	8.62E-08	1.60	0.00	6.28E-04	6.46E-04	6.66E-04	8.66E-05	1.40E-04	2.17E-03
606572	4121540	6.73E-04	6.93E-04	7.13E-04	5.24E-05	1.49E-04	2.28E-03	Residence	3.09E-08	7.49E-07	8.25E-07	9.16E-08	1.70	0.00	6.73E-04	6.93E-04	7.13E-04	8.51E-05	1.37E-04	2.30E-03
606592	4121540	7.11E-04	7.31E-04	7.51E-04	5.13E-05	1.45E-04	2.39E-03	Residence	3.24E-08	7.85E-07	8.65E-07	9.60E-08	1.78	0.00	7.11E-04	7.31E-04	7.51E-04	8.33E-05	1.33E-04	2.41E-03
606612	4121540	7.42E-04	7.62E-04	7.82E-04	5.00E-05	1.40E-04	2.48E-03	Residence	3.36E-08	8.13E-07	8.96E-07	9.95E-08	1.84	0.00	7.42E-04	7.62E-04	7.82E-04	8.13E-05	1.29E-04	2.50E-03
606632	4121540	7.65E-04	7.84E-04	8.04E-04	4.87E-05	1.35E-04	2.54E-03	Residence	3.44E-08	8.34E-07	9.19E-07	1.02E-07	1.89	0.00	7.65E-04	7.84E-04	8.04E-04	7.91E-05	1.25E-04	2.56E-03
606652	4121540	7.82E-04	8.01E-04	8.20E-04	4.72E-05	1.31E-04	2.58E-03	Residence	3.50E-08	8.48E-07	9.34E-07	1.04E-07	1.92	0.00	7.82E-04	8.01E-04	8.20E-04	7.67E-05	1.20E-04	2.60E-03
606672	4121540	7.93E-04	8.11E-04	8.28E-04	4.57E-05	1.26E-04	2.60E-03	Residence	3.53E-08	8.55E-07	9.43E-07	1.05E-07	1.94	0.00	7.93E-04	8.11E-04	8.28E-04	7.43E-05	1.15E-04	2.62E-03
606692	4121540	7.99E-04	8.16E-04	8.32E-04	4.42E-05	1.21E-04	2.61E-03	Residence	3.54E-08	8.58E-07	9.46E-07	1.05E-07	1.94	0.00	7.99E-04	8.16E-04	8.32E-04	7.18E-05	1.11E-04	2.63E-03
606712	4121540	8.01E-04	8.17E-04	8.32E-04	4.27E-05	1.15E-04	2.61E-03	Residence	3.54E-08	8.57E-07	9.44E-07	1.05E-07	1.94	0.00	8.01E-04	8.17E-04	8.32E-04	6.93E-05	1.06E-04	2.63E-03
606732	4121540	7.98E-04	8.13E-04	8.27E-04	4.11E-05	1.11E-04	2.59E-03	Residence	3.51E-08	8.51E-07	9.38E-07	1.04E-07	1.93	0.00	7.98E-04	8.13E-04	8.27E-04	6.68E-05	1.02E-04	2.61E-03
606752	4121540	7.93E-04	8.06E-04	8.18E-04	3.95E-05	1.06E-04	2.56E-03	Residence	3.48E-08	8.42E-07	9.28E-07	1.03E-07	1.91	0.00	7.93E-04	8.06E-04	8.18E-04	6.42E-05	9.72E-05	2.58E-03
606772	4121540	7.84E-04	7.97E-04	8.07E-04	3.79E-05	1.01E-04	2.53E-03	Residence	3.43E-08	8.30E-07	9.15E-07	1.02E-07	1.88	0.00	7.84E-04	7.97E-04	8.07E-04	6.16E-05	9.28E-05	2.54E-03

606792	4121540	7.72E-04	7.83E-04	7.93E-04	3.64E-05	9.63E-05	2.48E-03	Residence	3.36E-08	8.15E-07	8.98E-07	9.97E-08	1.85	0.00	7.72E-04	7.83E-04	7.93E-04	5.91E-05	8.86E-05	2.50E-03
606852	4121540	7.23E-04	7.30E-04	7.36E-04	3.18E-05	8.34E-05	2.30E-03	Santa Teresa Elementary School	3.12E-08	7.57E-07	8.34E-07	9.26E-08	1.71	0.00	7.23E-04	7.30E-04	7.36E-04	5.17E-05	7.67E-05	2.32E-03
606872	4121540	7.06E-04	7.12E-04	7.17E-04	3.04E-05	7.95E-05	2.24E-03	Santa Teresa Elementary School	3.04E-08	7.37E-07	8.13E-07	9.02E-08	1.67	0.00	7.06E-04	7.12E-04	7.17E-04	4.94E-05	7.31E-05	2.26E-03
606892	4121540	6.88E-04	6.93E-04	6.96E-04	2.90E-05	7.57E-05	2.18E-03	Santa Teresa Elementary School	2.96E-08	7.17E-07	7.90E-07	8.77E-08	1.62	0.00	6.88E-04	6.93E-04	6.96E-04	4.72E-05	6.97E-05	2.19E-03
606912	4121540	6.67E-04	6.71E-04	6.74E-04	2.77E-05	7.21E-05	2.11E-03	Santa Teresa Elementary School	2.86E-08	6.94E-07	7.65E-07	8.49E-08	1.57	0.00	6.67E-04	6.71E-04	6.74E-04	4.50E-05	6.64E-05	2.12E-03
606992	4121540	5.80E-04	5.81E-04	5.81E-04	2.29E-05	5.95E-05	1.82E-03	Residence	2.47E-08	5.99E-07	6.60E-07	7.33E-08	1.36	0.00	5.80E-04	5.81E-04	5.81E-04	3.71E-05	5.47E-05	1.83E-03
607012	4121540	5.60E-04	5.61E-04	5.60E-04	2.18E-05	5.68E-05	1.76E-03	Residence	2.39E-08	5.78E-07	6.37E-07	7.07E-08	1.31	0.00	5.60E-04	5.61E-04	5.60E-04	3.54E-05	5.22E-05	1.77E-03
607032	4121540	5.41E-04	5.41E-04	5.40E-04	2.08E-05	5.42E-05	1.70E-03	Residence	2.30E-08	5.58E-07	6.14E-07	6.82E-08	1.26	0.00	5.41E-04	5.41E-04	5.40E-04	3.38E-05	4.99E-05	1.71E-03
607052	4121540	5.24E-04	5.24E-04	5.22E-04	1.98E-05	5.18E-05	1.64E-03	Residence	2.23E-08	5.40E-07	5.95E-07	6.60E-08	1.22	0.00	5.24E-04	5.24E-04	5.22E-04	3.23E-05	4.77E-05	1.65E-03
605632	4121560	6.68E-05	6.75E-05	6.82E-05	3.07E-06	2.47E-05	2.30E-04	Residence	3.12E-09	7.56E-08	8.33E-08	9.25E-09	0.17	0.00	6.68E-05	6.75E-05	6.82E-05	4.98E-06	2.27E-05	2.30E-04
605652	4121560	6.76E-05	6.83E-05	6.90E-05	3.11E-06	2.57E-05	2.34E-04	Residence	3.17E-09	7.68E-08	8.46E-08	9.39E-09	0.17	0.00	6.76E-05	6.83E-05	6.90E-05	5.05E-06	2.36E-05	2.34E-04
605672	4121560	6.86E-05	6.94E-05	7.01E-05	3.15E-06	2.68E-05	2.38E-04	Residence	3.23E-09	7.82E-08	8.62E-08	9.57E-09	0.18	0.00	6.86E-05	6.94E-05	7.01E-05	5.13E-06	2.47E-05	2.38E-04
605692	4121560	6.94E-05	7.01E-05	7.09E-05	3.20E-06	2.80E-05	2.42E-04	Residence	3.28E-09	7.93E-08	8.74E-08	9.71E-09	0.18	0.00	6.94E-05	7.01E-05	7.09E-05	5.20E-06	2.57E-05	2.41E-04
605712	4121560	7.00E-05	7.08E-05	7.16E-05	3.25E-06	2.92E-05	2.45E-04	Residence	3.32E-09	8.04E-08	8.86E-08	9.84E-09	0.18	0.00	7.00E-05	7.08E-05	7.16E-05	5.28E-06	2.68E-05	2.45E-04
605732	4121560	6.94E-05	7.02E-05	7.09E-05	3.29E-06	3.04E-05	2.44E-04	Residence	3.31E-09	8.03E-08	8.85E-08	9.82E-09	0.18	0.00	6.94E-05	7.02E-05	7.09E-05	5.35E-06	2.80E-05	2.44E-04
605752	4121560	7.14E-05	7.22E-05	7.29E-05	3.35E-06	3.19E-05	2.52E-04	Residence	3.41E-09	8.27E-08	9.11E-08	1.01E-08	0.19	0.00	7.14E-05	7.22E-05	7.29E-05	5.44E-06	2.93E-05	2.51E-04
605772	4121560	7.20E-05	7.29E-05	7.36E-05	3.41E-06	3.33E-05	2.55E-04	Residence	3.46E-09	8.38E-08	9.24E-08	1.03E-08	0.19	0.00	7.20E-05	7.29E-05	7.36E-05	5.54E-06	3.07E-05	2.55E-04
605792	4121560	7.25E-05	7.33E-05	7.40E-05	3.47E-06	3.49E-05	2.58E-04	Residence	3.50E-09	8.48E-08	9.35E-08	1.04E-08	0.19	0.00	7.25E-05	7.33E-05	7.40E-05	5.64E-06	3.21E-05	2.58E-04
605812	4121560	7.34E-05	7.43E-05	7.52E-05	3.54E-06	3.66E-05	2.63E-04	Residence	3.57E-09	8.64E-08	9.52E-08	1.06E-08	0.20	0.00	7.34E-05	7.43E-05	7.52E-05	5.76E-06	3.36E-05	2.62E-04
605832	4121560	7.40E-05	7.49E-05	7.56E-05	3.63E-06	3.83E-05	2.67E-04	Residence	3.61E-09	8.75E-08	9.65E-08	1.07E-08	0.20	0.00	7.40E-05	7.49E-05	7.56E-05	5.89E-06	3.52E-05	2.66E-04
605852	4121560	7.39E-05	7.47E-05	7.54E-05	3.72E-06	4.01E-05	2.68E-04	Residence	3.63E-09	8.80E-08	9.70E-08	1.08E-08	0.20	0.00	7.39E-05	7.47E-05	7.54E-05	6.05E-06	3.69E-05	2.67E-04
605872	4121560	7.53E-05	7.61E-05	7.70E-05	3.84E-06	4.21E-05	2.74E-04	Residence	3.72E-09	9.01E-08	9.93E-08	1.10E-08	0.20	0.00	7.53E-05	7.61E-05	7.70E-05	6.24E-06	3.88E-05	2.73E-04
605892	4121560	7.60E-05	7.68E-05	7.76E-05	3.98E-06	4.42E-05	2.79E-04	Residence	3.78E-09	9.15E-08	1.01E-07	1.12E-08	0.21	0.00	7.60E-05	7.68E-05	7.76E-05	6.46E-06	4.07E-05	2.78E-04
605912	4121560	7.67E-05	7.75E-05	7.83E-05	4.15E-06	4.64E-05	2.83E-04	Residence	3.84E-09	9.30E-08	1.02E-07	1.14E-08	0.21	0.00	7.67E-05	7.75E-05	7.83E-05	6.74E-06	4.27E-05	2.82E-04
605932	4121560	7.67E-05	7.74E-05	7.81E-05	4.35E-06	4.87E-05	2.85E-04	Residence	3.87E-09	9.37E-08	1.03E-07	1.15E-08	0.21	0.00	7.67E-05	7.74E-05	7.81E-05	7.06E-06	4.48E-05	2.84E-04
605952	4121560	7.82E-05	7.89E-05	7.95E-05	4.59E-06	5.12E-05	2.92E-04	Residence	3.97E-09	9.61E-08	1.06E-07	1.18E-08	0.22	0.00	7.82E-05	7.89E-05	7.95E-05	7.45E-06	4.71E-05	2.91E-04
605972	4121560	7.88E-05	7.94E-05	8.00E-05	4.87E-06	5.38E-05	2.97E-04	Residence	4.03E-09	9.75E-08	1.07E-07	1.19E-08	0.22	0.00	7.88E-05	7.94E-05	8.00E-05	7.91E-06	4.95E-05	2.96E-04
605992	4121560	7.89E-05	7.95E-05	8.02E-05	5.20E-06	5.64E-05	3.00E-04	Residence	4.07E-09	9.87E-08	1.09E-07	1.21E-08	0.22	0.00	7.89E-05	7.95E-05	8.02E-05	8.46E-06	5.19E-05	2.99E-04
606012	4121560	8.01E-05	8.06E-05	8.11E-05	5.59E-06	5.92E-05	3.07E-04	Residence	4.16E-09	1.01E-07	1.11E-07	1.23E-08	0.23	0.00	8.01E-05	8.06E-05	8.11E-05	9.09E-06	5.45E-05	3.05E-04
606032	4121560	8.10E-05	8.15E-05	8.19E-05	6.03E-06	6.21E-05	3.13E-04	Residence	4.24E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	8.10E-05	8.15E-05	8.19E-05	9.80E-06	5.72E-05	3.11E-04
606052	4121560	8.11E-05	8.16E-05	8.22E-05	6.53E-06	6.51E-05	3.17E-04	Residence	4.29E-09	1.04E-07	1.15E-07	1.27E-08	0.24	0.00	8.11E-05	8.16E-05	8.22E-05	1.06E-05	5.99E-05	3.15E-04
606072	4121560	8.13E-05	8.17E-05	8.23E-05	7.10E-06	6.81E-05	3.20E-04	Residence	4.35E-09	1.05E-07	1.16E-07	1.29E-08	0.24	0.00	8.13E-05	8.17E-05	8.23E-05	1.15E-05	6.26E-05	3.19E-04
606092	4121560	8.41E-05	8.45E-05	8.51E-05	7.79E-06	7.13E-05	3.33E-04	Residence	4.51E-09	1.09E-07	1.21E-07	1.34E-08	0.25	0.00	8.41E-05	8.45E-05	8.51E-05	1.27E-05	6.56E-05	3.32E-04
606112	4121560	8.66E-05	8.70E-05	8.76E-05	8.62E-06	7.47E-05	3.45E-04	Residence	4.67E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	8.66E-05	8.70E-05	8.76E-05	1.40E-05	6.87E-05	3.44E-04
606132	4121560	8.84E-05	8.88E-05	8.94E-05	9.64E-06	7.82E-05	3.54E-04	Residence	4.81E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	8.84E-05	8.88E-05	8.94E-05	1.57E-05	7.20E-05	3.54E-04
606152	4121560	9.14E-05	9.17E-05	9.24E-05	1.09E-05	8.20E-05	3.68E-04	Residence	5.00E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	9.14E-05	9.17E-05	9.24E-05	1.77E-05	7.55E-05	3.69E-04
606172	4121560	9.47E-05	9.51E-05	9.58E-05	1.25E-05	8.61E-05	3.84E-04	Residence	5.21E-09	1.26E-07	1.39E-07	1.54E-08	0.29	0.00	9.47E-05	9.51E-05	9.58E-05	2.02E-05	7.92E-05	3.85E-04
606192	4121560	9.92E-05	9.96E-05	1.00E-04	1.43E-05	9.06E-05	4.04E-04	Residence	5.48E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	9.92E-05	9.96E-05	1.00E-04	2.33E-05	8.34E-05	4.06E-04
606212	4121560	1.04E-04	1.05E-04	1.06E-04	1.65E-05	9.55E-05	4.26E-04	Residence	5.78E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.04E-04	1.05E-04	1.06E-04	2.68E-05	8.78E-05	4.29E-04
606232	4121560	1.11E-04	1.11E-04	1.12E-04	1.89E-05	1.01E-04	4.54E-04	Residence	6.16E-09	1.49E-07	1.64E-07	1.83E-08	0.34	0.00	1.11E-04	1.11E-04	1.12E-04	3.08E-05	9.27E-05	4.58E-04
606252	4121560	1.20E-04	1.20E-04	1.21E-04	2.17E-05	1.07E-04	4.90E-04	Residence	6.64E-09	1.61E-07	1.77E-07	1.97E-08	0.36	0.00	1.20E-04	1.20E-04	1.21E-04	3.52E-05	9.81E-05	4.95E-04
606272	4121560	1.30E-04	1.31E-04	1.32E-04	2.47E-05	1.13E-04	5.31E-04	Residence	7.20E-09	1.74E-07	1.92E-07	2.13E-08	0.40	0.00	1.30E-04	1.31E-04	1.32E-04	4.02E-05	1.04E-04	5.37E-04
606292	4121560	1.43E-04	1.44E-04	1.46E-04	2.81E-05	1.20E-04	5.81E-04	Residence	7.88E-09	1.91E-07	2.10E-07	2.34E-08	0.43	0.00	1.43E-04	1.44E-04	1.46E-04	4.56E-05	1.10E-04	5.89E-04
606312	4121560	1.59E-04	1.61E-04	1.63E-04	3.18E-05	1.27E-04	6.42E-04	Residence	8.71E-09	2.11E-07	2.32E-07	2.58E-08	0.48	0.00	1.59E-04	1.61E-04	1.63E-04	5.17E-05	1.17E-04	6.52E-04
606332	4121560	1.80E-04	1.82E-04	1.85E-04	3.59E-05	1.36E-04	7.19E-04	Residence	9.75E-09	2.36E-07	2.60E-07	2.89E-08	0.54	0.00	1.80E-04	1.82E-04	1.85E-04	5.84E-05	1.25E-04	7.31E-04
606412	4121560	3.05E-04	3.12E-04	3.21E-04	5.25E-05	1.65E-04	1.15E-03	Worker	1.57E-08	3.79E-07	4.18E-07	4.64E-08	0.86	0.00	3.05E-04	3.12E-04	3.21E-04	8.52E-05	1.52E-04	1.17E-03
606492	4121560	5.14E-04	5.30E-04	5.49E-04	5.94E-05	1.73E-04	1.83E-03	Residence	2.48E-08	6.00E-07	6.61E-07	7.34E-08	1.36	0.00	5.14E-04	5.30E-04	5.49E-04	9.65E-05	1.59E-04	1.85E-03
606512	4121560	5.71E-04	5.89E-04	6.09E-04	5.92E-05	1.71E-04	2.00E-03	Residence	2.71E-08	6.57E-07	7.24E-07	8.03E-08	1.49	0.00	5.71E-04	5.89E-04	6.09E-04	9.63E-05	1.57E-04	2.02E-03
606532	4121560	6.29E-04	6.48E-04	6.70E-04	5.87E-05	1.68E-04	2.17E-03	Residence	2.95E-08	7.14E-07	7.87E-07	8.74E-08	1.62	0.00	6.29E-04	6.48E-04	6.70E-04	9.53E-05	1.54E-04	2.20E-03
606552	4121560	6.82E-04	7.03E-04	7.26E-04	5.77E-05	1.64E-04	2.33E-03	Residence	3.16E-08	7.66E-07	8.44E-07	9.37E-08	1.74	0.00	6.82E-04	7.03E-04	7.26E-04	9.37E-05	1.51E-04	2.36E-03
606572	4121560	7.30E-04	7.51E-04	7.74E-04	5.64E-05	1.59E-04	2.47E-03	Residence	3.35E-08	8.11E-07	8.94E-07	9.93E-08	1.84	0.00	7.30E-04	7.51E-04	7.74E-04	9.17E-05	1.46E-04	2.49E-03
606592	4121560	7.70E-04	7.92E-04	8.14E-04	5.50E-05	1.54E-04	2.58E-03	Residence	3.50E-08	8.49E-07	9.36E-07	1.04E-07	1.92	0.00	7.70E-04	7.92E-04	8.14E-04	8.94E-05	1.42E-04	2.61E-03
606612	4121560	8.02E-04	8.24E-04	8.45E-04	5.34E-05	1.49E-04	2.67E-03	Residence	3.63E-08	8.78E-07	9.68E-07	1.07E-07	1.99	0.00	8.02E-04	8.24E-04	8.45E-04	8.68E-05	1.37E-04	2.70E-03
606632	4121560	8.26E-04	8.47E-04	8.68E-04	5.18E-05	1.43E-04	2.74E-03	Residence	3.71E-08	8.99E-07	9.90E-07	1.10E-07	2.04	0.00	8.26E-04	8.47E-04	8.68E-04	8.41E-05	1.31E-04	2.76E-03
606652	4121560	8.43E-04	8.63E-04	8.82E-04	5.00E-05	1.37E-04	2.77E-03	Residence	3.76E-08	9.11E-07	1.00E-06	1.12E-07	2.06	0.00	8.43E-04	8.63E-04	8.82E-04	8.13E-05	1.26E-04	2.79E-03
606672	4121560	8.52E-04	8.71E-04	8.89E-04	4.82E-05	1.31E-04	2.79E-03	Residence	3.78E-08	9.17E-07	1.01E-06	1.12E-07	2.08	0.00	8.52E-04	8.71E-04	8.89E-04	7.84E-05	1.21E-04	2.81E-03
606692	4121560	8.55E-04	8.73E-04	8.89E-04	4.64E-05	1.25E-04	2.79E-03	Residence	3.78E-08	9.16E-07	1.01E-06	1.12E-07	2.08	0.00	8.55E-04	8.73E-04	8.89E-04	7.54E-05	1.15E-04	2.81E-03
606712	4121560	8.53E-04	8.70E-04	8.85E-04	4.45E-05	1.19E-04	2.77E-03	Residence	3.76E-08	9.10E-07	1.00E-06	1.11E-07	2.06	0.00	8.53E-04	8.70E-04	8.85E-04	7.24E-05	1.10E-04	2.79E-03
606732	4121560	8.46E-04	8.61E-04	8.75E-04	4.27E-05	1.14E-04	2.74E-03	Residence	3.71E-08	9.00E-07	9.92E-07	1.10E-07	2.04	0.00	8.46E-04	8.61E-04	8.75E-04	6.94E-05	1.05E-04	2.76E-03
606752	4121560	8.36E-04	8.50E-04	8.61E-04	4.09E-05	1.08E-04	2.70E-03	Residence	3.66E-08	8.86E-07	9.76E-07	1.08E-07	2.01	0.00	8.36E-04	8.50E-04	8.61E-04	6.64E-05	9.97E-05	2.71E-03
606772	4121560	8.23E-04	8.35E-04	8.45E-04	3.90E-05	1.03E-04	2.65E-03	Residence	3.59E-08	8.69E-07	9.58E-07	1.06E-07	1.97	0.00	8.23E-04	8.35E-04	8.45E-04	6.34E-05	9.48E-05	2.66E-03
606872	4121560	7.22E-04	7.27E-04	7.30E-04	3.06E-05	7.98E-05	2.29E-03	Santa Teresa Elementary School	3.11E-08	7.52E-07	8.29E-07	9.20E-08	1.70	0.00	7.22E-04	7.27E-04	7.30E-04	4.98E-05	7.34E-05	2.30E-03
606892	4121560	6.99E-04	7.03E-04	7.05E-04	2.91E-05	7.58E-05	2.21E-03	Santa Teresa Elementary School	3.00E-08	7.27E-07	8.01E-07	8.89E-08	1.65	0.00	6.99E-04	7.03E-04	7.05E-04	4.73E-05	6.97E-05	2.22E-03
606912	4121560	6.76E-04	6.79E-04	6.80E-04	2.77E-05	7.20E-05	2.13E-03	Santa Teresa Elementary School	2.89E-08	7.01E-07	7.72E-07	8.58E-08	1.59	0.00	6.76E-04	6.79E-04	6.80E-04	4.50E-05	6.63E-05	2.15E-03
606992	4121560	5.80E-04	5.80E-04	5.79E-04	2.26E-05	5.90E-05	1.82E-03	Residence	2.47E-08	5.98E-07	6.59E-07	7.32E-08	1.36	0.00	5.80E-04	5.80E-04	5.79E-04	3.67E-05	5.42E-05	1.83E-03
607012	4121560	5.62E-04	5.61E-04	5.59E-04	2.15E-05	5.62E-05	1.76E-03	Residence	2.39E-08	5.78E-07	6.37E-07	7.07E-08	1.31	0.00	5.62E-04	5.61E-04	5.59E-04	3.50E-05	5.17E-05	1.77E-03
607032	4121560	5.41E-04	5.40E-04	5.38E-04	2.05E-05	5.36E-05	1.69E-03	Residence	2.30E-08	5.56E-07	6.13E-07	6.81E-08	1.26	0.00	5.41E-04	5.40E-04	5.38E-04	3.33E-05	4.93E-05	1.70E-03
607052	4121560	5.21E-04	5.19E-04	5.17E-04	1.95E-05	5.11E-05	1.63E-03	Residence	2.21E-08	5.35E-07	5.89E-07	6.54E-08	1.21	0.00	5.21E-04	5.19E-04	5.17E-04	3.17E-05	4.71E-05	1.64E-03
605632	4121580	7.00E-05	7.08E-05	7.15E-05	3.31E-06	2.55E-05	2.41E-04	Residence	3.27E-09	7.92E-08	8.73E-08	9.69E-09	0.18	0.00	7.00E-05	7.08E-05	7.15E-05	5.38E-06	2.34E-05	2.41E-04
605652	4121580	7.06E-05	7.14E-05	7.21E-05	3.37E-06	2.66E-05	2.44E-04	Residence	3.31E-09	8.02E-08	8.84E-08	9.81E-09	0.18	0.00	7.06E-05	7.14E-05	7.21E-05	5.47E-06	2.44E-05	2.44E-04
605672	4121580	7.08E-05	7.16E-05	7.23E-05	3.42E-06	2.77E-05	2.46E-04	Residence	3.33E-09	8.08E-08	8.90E-08	9.88E-09	0.18	0.00	7.08E-05	7.16E-05	7.23E-05	5.55E-06	2.55E-05	2.46E-04
605692	4121580	7.14E-05	7.22E-05	7.29E-05	3.47E-06	2.89E-05	2.49E-04	Residence	3.38E-09	8.18E-08	9.01E-08	1.00E-08	0.19	0.00	7.14E-05	7.22E-05	7.29E-05	5.64E-06	2.66E-05	2.49E-04
605712	4121580	7.18E-05	7.27E-05	7.34E-05	3.52E-06	3.02E-05	2.52E-04	Residence	3.41E-09	8.27E-08	9.11E-08	1.01E-08	0.19	0.00	7.18E-05	7.27E-05	7.34E-05	5.72E-06	2.78E-05	2.51E-04
605732	4121580	7.23E-05	7.31E-05	7.39E-05	3.58E-06	3.16E-05	2.55E-04	Residence	3.45E-09	8.36E-08	9.21E-08	1.02E-08	0.19	0.00	7.23E-05	7.31E-05	7.39E-05	5.81E-06	2.91E-05	2.54E-04
605752	4121580	7.30E-05	7.38E-05	7.46E-05	3.63E-06	3.31E-05	2.58E-04	Residence	3.50E-09	8.48E-08	9.35E-08	1.04E-08	0.19	0.00	7.30E-05	7.38E-05	7.46E-05	5.91E-06	3.05E-05	2.58E-04
605772	4121580	7.36E-05	7.45E-05	7.53E-05	3.70E-06	3.47E-05	2.62E-04	Residence	3.55E-09	8.60E-08	9.48E-08	1.05E-08	0.19	0.00	7.36E-05	7.45E-05	7.53E-05	6.01E-06	3.19E-05	2.61E-04
605792	4121580	7.43E-05	7.52E-05	7.59E-05	3.76E-06	3.64E-05	2.66E-04	Residence	3.60E-09	8.72E-08	9.61E-08	1.07E-08	0.20	0.00	7.43E-05	7.52E-05	7.59E-05	6.12E-06	3.35E-05	2.65E-04
605812	4121580	7.50E-05	7.59E-05	7.67E-05	3.84E-06	3.82E-05	2.70E-04	Residence	3.66E-09	8.86E-08	9.76E-08	1.08E-08	0.20	0.00	7.50E-05	7.59E-05	7.67E-05	6.24E-06	3.52E-05	2.69E-04
605832	4121580	7.58E-05	7.67E-05	7.74E-05	3.92E-06	4.02E-05	2.74E-04	Residence	3.72E-09	9.00E-08	9.92E-08	1.10E-08	0.20	0.00	7.58E-05	7.67E-05	7.74E-05	6.37E-06	3.69E-05	2.73E-04
605852	4121580	7.64E-05	7.72E-05	7.80E-05	4.02E-06	4.22E-05	2.78E-04	Residence	3.77E-09	9.13E-08	1.01E-07	1.12E-08	0.21	0.00	7.64E-05	7.72E-05	7.80E-05	6.53E-06	3.88E-05	2.77E-04
605872	4121580	7.69E-05	7.78E-05	7.86E-05	4.14E-06	4.44E-05	2.82E-04	Residence	3.82E-09	9.26E-08	1.02E-07	1.13E-08	0.21	0.00	7.69E-05	7.78E-05	7.86E-05	6.72E-06	4.08E-05	2.81E-04
605892	4121580	7.74E-05	7.82E-05	7.90E-05	4.27E-06	4.67E-05	2.86E-04	Residence	3.87E-09	9.38E-08	1.03E-07	1.15E-08	0.21	0.00	7.74E-05	7.82E-05	7.90E-05	6.94E-06	4.30E-05	2.84E-04
605912	4121580	7.81E-05	7.89E-05	7.96E-05	4.44E-06	4.92E-05	2.90E-04	Residence	3.94E-09	9.53E-08	1.05E-07	1.17E-08	0.22	0.00	7.81E-05	7.89E-05	7.96E-05	7.21E-06	4.52E-05	2.89E-04

605932	4121580	7.87E-05	7.94E-05	8.00E-05	4.64E-06	5.18E-05	2.95E-04	Residence	3.99E-09	9.68E-08	1.07E-07	1.18E-08	0.22	0.00	7.87E-05	7.94E-05	8.00E-05	7.54E-06	4.76E-05	2.93E-04
605952	4121580	7.94E-05	8.01E-05	8.06E-05	4.89E-06	5.46E-05	3.00E-04	Residence	4.06E-09	9.84E-08	1.08E-07	1.20E-08	0.22	0.00	7.94E-05	8.01E-05	8.06E-05	7.94E-06	5.02E-05	2.98E-04
605972	4121580	8.00E-05	8.06E-05	8.11E-05	5.18E-06	5.75E-05	3.04E-04	Residence	4.13E-09	1.00E-07	1.10E-07	1.22E-08	0.23	0.00	8.00E-05	8.06E-05	8.11E-05	8.43E-06	5.29E-05	3.03E-04
605992	4121580	8.08E-05	8.13E-05	8.18E-05	5.54E-06	6.06E-05	3.10E-04	Residence	4.20E-09	1.02E-07	1.12E-07	1.25E-08	0.23	0.00	8.08E-05	8.13E-05	8.18E-05	9.00E-06	5.57E-05	3.09E-04
606012	4121580	8.14E-05	8.19E-05	8.23E-05	5.95E-06	6.38E-05	3.15E-04	Residence	4.28E-09	1.04E-07	1.14E-07	1.27E-08	0.23	0.00	8.14E-05	8.19E-05	8.23E-05	9.67E-06	5.87E-05	3.14E-04
606032	4121580	8.25E-05	8.30E-05	8.36E-05	6.43E-06	6.71E-05	3.23E-04	Residence	4.38E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	8.25E-05	8.30E-05	8.36E-05	1.05E-05	6.18E-05	3.21E-04
606052	4121580	8.26E-05	8.32E-05	8.38E-05	6.98E-06	7.05E-05	3.27E-04	Residence	4.44E-09	1.07E-07	1.18E-07	1.32E-08	0.24	0.00	8.26E-05	8.32E-05	8.38E-05	1.13E-05	6.49E-05	3.26E-04
606072	4121580	8.30E-05	8.35E-05	8.41E-05	7.61E-06	7.41E-05	3.32E-04	Residence	4.51E-09	1.09E-07	1.20E-07	1.34E-08	0.25	0.00	8.30E-05	8.35E-05	8.41E-05	1.24E-05	6.81E-05	3.31E-04
606092	4121580	8.58E-05	8.63E-05	8.69E-05	8.38E-06	7.79E-05	3.45E-04	Residence	4.68E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	8.58E-05	8.63E-05	8.69E-05	1.36E-05	7.16E-05	3.44E-04
606112	4121580	8.81E-05	8.86E-05	8.92E-05	9.30E-06	8.18E-05	3.57E-04	Residence	4.84E-09	1.17E-07	1.29E-07	1.43E-08	0.27	0.00	8.81E-05	8.86E-05	8.92E-05	1.51E-05	7.52E-05	3.56E-04
606132	4121580	8.99E-05	9.04E-05	9.11E-05	1.04E-05	8.59E-05	3.68E-04	Residence	4.99E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	8.99E-05	9.04E-05	9.11E-05	1.70E-05	7.90E-05	3.67E-04
606152	4121580	9.27E-05	9.32E-05	9.39E-05	1.19E-05	9.03E-05	3.82E-04	Residence	5.18E-09	1.26E-07	1.38E-07	1.54E-08	0.28	0.00	9.27E-05	9.32E-05	9.39E-05	1.93E-05	8.31E-05	3.82E-04
606172	4121580	9.63E-05	9.67E-05	9.75E-05	1.37E-05	9.51E-05	3.99E-04	Residence	5.42E-09	1.31E-07	1.45E-07	1.61E-08	0.30	0.00	9.63E-05	9.67E-05	9.75E-05	2.22E-05	8.75E-05	4.00E-04
606192	4121580	1.01E-04	1.02E-04	1.03E-04	1.58E-05	1.00E-04	4.22E-04	Residence	5.73E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.01E-04	1.02E-04	1.03E-04	2.57E-05	9.24E-05	4.24E-04
606212	4121580	1.06E-04	1.07E-04	1.07E-04	1.84E-05	1.06E-04	4.45E-04	Residence	6.03E-09	1.46E-07	1.61E-07	1.79E-08	0.33	0.00	1.06E-04	1.07E-04	1.07E-04	2.99E-05	9.77E-05	4.48E-04
606232	4121580	1.13E-04	1.13E-04	1.14E-04	2.13E-05	1.12E-04	4.74E-04	Residence	6.43E-09	1.56E-07	1.72E-07	1.91E-08	0.35	0.00	1.13E-04	1.13E-04	1.14E-04	3.46E-05	1.03E-04	4.79E-04
606252	4121580	1.22E-04	1.23E-04	1.24E-04	2.46E-05	1.19E-04	5.13E-04	Residence	6.95E-09	1.68E-07	1.86E-07	2.06E-08	0.38	0.00	1.22E-04	1.23E-04	1.24E-04	3.99E-05	1.10E-04	5.18E-04
606272	4121580	1.33E-04	1.34E-04	1.35E-04	2.82E-05	1.27E-04	5.57E-04	Residence	7.56E-09	1.83E-07	2.02E-07	2.24E-08	0.41	0.00	1.33E-04	1.34E-04	1.35E-04	4.58E-05	1.17E-04	5.65E-04
606292	4121580	1.47E-04	1.48E-04	1.50E-04	3.23E-05	1.36E-04	6.13E-04	Residence	8.31E-09	2.01E-07	2.22E-07	2.46E-08	0.46	0.00	1.47E-04	1.48E-04	1.50E-04	5.25E-05	1.25E-04	6.22E-04
606312	4121580	1.64E-04	1.66E-04	1.69E-04	3.68E-05	1.45E-04	6.80E-04	Residence	9.23E-09	2.23E-07	2.46E-07	2.73E-08	0.51	0.00	1.64E-04	1.66E-04	1.69E-04	5.98E-05	1.33E-04	6.92E-04
606332	4121580	1.87E-04	1.90E-04	1.93E-04	4.17E-05	1.54E-04	7.66E-04	Residence	1.04E-08	2.52E-07	2.77E-07	3.08E-08	0.57	0.00	1.87E-04	1.90E-04	1.93E-04	6.78E-05	1.42E-04	7.80E-04
606392	4121580	2.85E-04	2.90E-04	2.98E-04	5.64E-05	1.80E-04	1.11E-03	Worker	1.51E-08	3.65E-07	4.02E-07	4.46E-08	0.83	0.00	2.85E-04	2.90E-04	2.98E-04	9.17E-05	1.66E-04	1.13E-03
606512	4121580	6.35E-04	6.56E-04	6.80E-04	6.51E-05	1.86E-04	2.22E-03	Residence	3.01E-08	7.30E-07	8.05E-07	8.93E-08	1.65	0.00	6.35E-04	6.56E-04	6.80E-04	1.06E-04	1.72E-04	2.25E-03
606532	4121580	6.95E-04	7.17E-04	7.42E-04	6.40E-05	1.82E-04	2.40E-03	Residence	3.26E-08	7.88E-07	8.69E-07	9.65E-08	1.79	0.00	6.95E-04	7.17E-04	7.42E-04	1.04E-04	1.67E-04	2.43E-03
606552	4121580	7.49E-04	7.73E-04	7.98E-04	6.25E-05	1.76E-04	2.56E-03	Residence	3.47E-08	8.41E-07	9.26E-07	1.03E-07	1.90	0.00	7.49E-04	7.73E-04	7.98E-04	1.02E-04	1.62E-04	2.58E-03
606572	4121580	7.96E-04	8.20E-04	8.45E-04	6.08E-05	1.70E-04	2.69E-03	Residence	3.65E-08	8.85E-07	9.75E-07	1.08E-07	2.00	0.00	7.96E-04	8.20E-04	8.45E-04	9.88E-05	1.57E-04	2.72E-03
606592	4121580	8.35E-04	8.59E-04	8.83E-04	5.89E-05	1.64E-04	2.80E-03	Residence	3.80E-08	9.20E-07	1.01E-06	1.13E-07	2.08	0.00	8.35E-04	8.59E-04	8.83E-04	9.57E-05	1.51E-04	2.82E-03
606612	4121580	8.65E-04	8.88E-04	9.11E-04	5.69E-05	1.57E-04	2.88E-03	Residence	3.90E-08	9.45E-07	1.04E-06	1.16E-07	2.14	0.00	8.65E-04	8.88E-04	9.11E-04	9.25E-05	1.44E-04	2.90E-03
606632	4121580	8.85E-04	9.07E-04	9.29E-04	5.48E-05	1.50E-04	2.93E-03	Residence	3.97E-08	9.61E-07	1.06E-06	1.18E-07	2.18	0.00	8.85E-04	9.07E-04	9.29E-04	8.91E-05	1.38E-04	2.95E-03
606652	4121580	8.97E-04	9.18E-04	9.38E-04	5.27E-05	1.43E-04	2.95E-03	Residence	4.00E-08	9.69E-07	1.07E-06	1.19E-07	2.19	0.00	8.97E-04	9.18E-04	9.38E-04	8.56E-05	1.32E-04	2.97E-03
606672	4121580	9.01E-04	9.21E-04	9.40E-04	5.05E-05	1.36E-04	2.95E-03	Residence	4.00E-08	9.69E-07	1.07E-06	1.19E-07	2.19	0.00	9.01E-04	9.21E-04	9.40E-04	8.21E-05	1.25E-04	2.97E-03
606692	4121580	8.99E-04	9.17E-04	9.34E-04	4.83E-05	1.29E-04	2.93E-03	Residence	3.97E-08	9.62E-07	1.06E-06	1.18E-07	2.18	0.00	8.99E-04	9.17E-04	9.34E-04	7.85E-05	1.19E-04	2.95E-03
606712	4121580	8.95E-04	9.12E-04	9.27E-04	4.62E-05	1.23E-04	2.90E-03	Residence	3.94E-08	9.54E-07	1.05E-06	1.17E-07	2.16	0.00	8.95E-04	9.12E-04	9.27E-04	7.50E-05	1.13E-04	2.92E-03
606732	4121580	8.84E-04	8.99E-04	9.12E-04	4.40E-05	1.16E-04	2.86E-03	Residence	3.87E-08	9.38E-07	1.03E-06	1.15E-07	2.13	0.00	8.84E-04	8.99E-04	9.12E-04	7.15E-05	1.07E-04	2.87E-03
606752	4121580	8.69E-04	8.83E-04	8.93E-04	4.19E-05	1.10E-04	2.80E-03	Residence	3.79E-08	9.19E-07	1.01E-06	1.12E-07	2.08	0.00	8.69E-04	8.83E-04	8.93E-04	6.81E-05	1.02E-04	2.81E-03
606772	4121580	8.52E-04	8.63E-04	8.72E-04	3.99E-05	1.05E-04	2.73E-03	Residence	3.70E-08	8.97E-07	9.89E-07	1.10E-07	2.03	0.00	8.52E-04	8.63E-04	8.72E-04	6.48E-05	9.62E-05	2.75E-03
606832	4121580	7.82E-04	7.88E-04	7.92E-04	3.41E-05	8.87E-05	2.49E-03	Santa Teresa Elementary School	3.37E-08	8.16E-07	9.00E-07	9.99E-08	1.85	0.00	7.82E-04	7.88E-04	7.92E-04	5.53E-05	8.16E-05	2.50E-03
606852	4121580	7.57E-04	7.62E-04	7.65E-04	3.23E-05	8.40E-05	2.40E-03	Santa Teresa Elementary School	3.25E-08	7.88E-07	8.69E-07	9.65E-08	1.79	0.00	7.57E-04	7.62E-04	7.65E-04	5.25E-05	7.73E-05	2.41E-03
606872	4121580	7.32E-04	7.35E-04	7.37E-04	3.06E-05	7.96E-05	2.31E-03	Santa Teresa Elementary School	3.14E-08	7.60E-07	8.38E-07	9.30E-08	1.72	0.00	7.32E-04	7.35E-04	7.37E-04	4.97E-05	7.32E-05	2.33E-03
606892	4121580	7.06E-04	7.08E-04	7.09E-04	2.90E-05	7.55E-05	2.23E-03	Santa Teresa Elementary School	3.02E-08	7.32E-07	8.06E-07	8.95E-08	1.66	0.00	7.06E-04	7.08E-04	7.09E-04	4.71E-05	6.94E-05	2.24E-03
606912	4121580	6.80E-04	6.82E-04	6.81E-04	2.75E-05	7.16E-05	2.14E-03	Santa Teresa Elementary School	2.90E-08	7.04E-07	7.75E-07	8.61E-08	1.59	0.00	6.80E-04	6.82E-04	6.81E-04	4.47E-05	6.58E-05	2.15E-03
606992	4121580	5.77E-04	5.76E-04	5.73E-04	2.22E-05	5.82E-05	1.81E-03	Residence	2.45E-08	5.94E-07	6.54E-07	7.26E-08	1.34	0.00	5.77E-04	5.76E-04	5.73E-04	3.61E-05	5.35E-05	1.82E-03
607012	4121580	5.56E-04	5.54E-04	5.51E-04	2.11E-05	5.54E-05	1.74E-03	Residence	2.36E-08	5.71E-07	6.29E-07	6.98E-08	1.29	0.00	5.56E-04	5.54E-04	5.51E-04	3.43E-05	5.10E-05	1.75E-03
607032	4121580	5.34E-04	5.32E-04	5.29E-04	2.01E-05	5.28E-05	1.67E-03	Residence	2.26E-08	5.48E-07	6.04E-07	6.70E-08	1.24	0.00	5.34E-04	5.32E-04	5.29E-04	3.26E-05	4.85E-05	1.68E-03
607052	4121580	5.13E-04	5.11E-04	5.08E-04	1.91E-05	5.03E-05	1.60E-03	Residence	2.17E-08	5.26E-07	5.80E-07	6.44E-08	1.19	0.00	5.13E-04	5.11E-04	5.08E-04	3.10E-05	4.63E-05	1.61E-03
605632	4121600	7.30E-05	7.38E-05	7.46E-05	3.59E-06	2.63E-05	2.51E-04	Residence	3.41E-09	8.26E-08	9.10E-08	1.01E-08	0.19	0.00	7.30E-05	7.38E-05	7.46E-05	5.83E-06	2.42E-05	2.51E-04
605652	4121600	7.38E-05	7.47E-05	7.55E-05	3.65E-06	2.74E-05	2.55E-04	Residence	3.46E-09	8.38E-08	9.23E-08	1.03E-08	0.19	0.00	7.38E-05	7.47E-05	7.55E-05	5.93E-06	2.53E-05	2.55E-04
605672	4121600	7.43E-05	7.52E-05	7.60E-05	3.71E-06	2.87E-05	2.58E-04	Residence	3.50E-09	8.47E-08	9.34E-08	1.04E-08	0.19	0.00	7.43E-05	7.52E-05	7.60E-05	6.03E-06	2.64E-05	2.58E-04
605692	4121600	7.49E-05	7.58E-05	7.66E-05	3.77E-06	3.00E-05	2.61E-04	Residence	3.54E-09	8.58E-08	9.46E-08	1.05E-08	0.19	0.00	7.49E-05	7.58E-05	7.66E-05	6.13E-06	2.76E-05	2.61E-04
605712	4121600	7.57E-05	7.67E-05	7.75E-05	3.84E-06	3.14E-05	2.65E-04	Residence	3.60E-09	8.71E-08	9.60E-08	1.07E-08	0.20	0.00	7.57E-05	7.67E-05	7.75E-05	6.23E-06	2.89E-05	2.65E-04
605732	4121600	7.65E-05	7.74E-05	7.83E-05	3.90E-06	3.29E-05	2.69E-04	Residence	3.65E-09	8.84E-08	9.74E-08	1.08E-08	0.20	0.00	7.65E-05	7.74E-05	7.83E-05	6.34E-06	3.03E-05	2.69E-04
605752	4121600	7.72E-05	7.82E-05	7.90E-05	3.97E-06	3.45E-05	2.73E-04	Residence	3.70E-09	8.97E-08	9.88E-08	1.10E-08	0.20	0.00	7.72E-05	7.82E-05	7.90E-05	6.44E-06	3.18E-05	2.73E-04
605772	4121600	7.79E-05	7.89E-05	7.98E-05	4.03E-06	3.63E-05	2.77E-04	Residence	3.76E-09	9.10E-08	1.00E-07	1.11E-08	0.21	0.00	7.79E-05	7.89E-05	7.98E-05	6.55E-06	3.34E-05	2.77E-04
605792	4121600	7.86E-05	7.96E-05	8.05E-05	4.11E-06	3.81E-05	2.81E-04	Residence	3.81E-09	9.23E-08	1.02E-07	1.13E-08	0.21	0.00	7.86E-05	7.96E-05	8.05E-05	6.67E-06	3.51E-05	2.80E-04
605812	4121600	7.92E-05	8.03E-05	8.12E-05	4.19E-06	4.01E-05	2.85E-04	Residence	3.86E-09	9.36E-08	1.03E-07	1.15E-08	0.21	0.00	7.92E-05	8.03E-05	8.12E-05	6.80E-06	3.69E-05	2.84E-04
605832	4121600	7.98E-05	8.08E-05	8.18E-05	4.27E-06	4.22E-05	2.89E-04	Residence	3.92E-09	9.49E-08	1.05E-07	1.16E-08	0.22	0.00	7.98E-05	8.08E-05	8.18E-05	6.94E-06	3.88E-05	2.88E-04
605852	4121600	8.04E-05	8.14E-05	8.24E-05	4.37E-06	4.45E-05	2.93E-04	Residence	3.97E-09	9.63E-08	1.06E-07	1.18E-08	0.22	0.00	8.04E-05	8.14E-05	8.24E-05	7.11E-06	4.09E-05	2.92E-04
605872	4121600	8.10E-05	8.20E-05	8.30E-05	4.49E-06	4.69E-05	2.97E-04	Residence	4.03E-09	9.77E-08	1.08E-07	1.20E-08	0.22	0.00	8.10E-05	8.20E-05	8.30E-05	7.29E-06	4.31E-05	2.96E-04
605892	4121600	8.16E-05	8.26E-05	8.35E-05	4.63E-06	4.95E-05	3.02E-04	Residence	4.09E-09	9.91E-08	1.09E-07	1.21E-08	0.22	0.00	8.16E-05	8.26E-05	8.35E-05	7.52E-06	4.55E-05	3.01E-04
605912	4121600	8.21E-05	8.31E-05	8.39E-05	4.79E-06	5.23E-05	3.06E-04	Residence	4.15E-09	1.01E-07	1.11E-07	1.23E-08	0.23	0.00	8.21E-05	8.31E-05	8.39E-05	7.79E-06	4.81E-05	3.05E-04
605932	4121600	8.24E-05	8.33E-05	8.40E-05	4.99E-06	5.52E-05	3.10E-04	Residence	4.20E-09	1.02E-07	1.12E-07	1.25E-08	0.23	0.00	8.24E-05	8.33E-05	8.40E-05	8.12E-06	5.08E-05	3.09E-04
605952	4121600	8.26E-05	8.34E-05	8.41E-05	5.24E-06	5.84E-05	3.14E-04	Residence	4.25E-09	1.03E-07	1.14E-07	1.26E-08	0.23	0.00	8.26E-05	8.34E-05	8.41E-05	8.52E-06	5.37E-05	3.12E-04
605972	4121600	8.28E-05	8.35E-05	8.42E-05	5.55E-06	6.17E-05	3.18E-04	Residence	4.31E-09	1.04E-07	1.15E-07	1.28E-08	0.24	0.00	8.28E-05	8.35E-05	8.42E-05	9.01E-06	5.67E-05	3.16E-04
605992	4121600	8.31E-05	8.38E-05	8.45E-05	5.92E-06	6.52E-05	3.22E-04	Residence	4.37E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	8.31E-05	8.38E-05	8.45E-05	9.61E-06	6.00E-05	3.21E-04
606012	4121600	8.36E-05	8.42E-05	8.49E-05	6.36E-06	6.89E-05	3.28E-04	Residence	4.45E-09	1.08E-07	1.19E-07	1.32E-08	0.24	0.00	8.36E-05	8.42E-05	8.49E-05	1.03E-05	6.34E-05	3.26E-04
606032	4121600	8.41E-05	8.48E-05	8.55E-05	6.88E-06	7.28E-05	3.34E-04	Residence	4.53E-09	1.10E-07	1.21E-07	1.34E-08	0.25	0.00	8.41E-05	8.48E-05	8.55E-05	1.12E-05	6.69E-05	3.33E-04
606052	4121600	8.45E-05	8.51E-05	8.59E-05	7.48E-06	7.68E-05	3.40E-04	Residence	4.61E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	8.45E-05	8.51E-05	8.59E-05	1.22E-05	7.06E-05	3.38E-04
606072	4121600	8.48E-05	8.54E-05	8.61E-05	8.19E-06	8.09E-05	3.45E-04	Residence	4.68E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	8.48E-05	8.54E-05	8.61E-05	1.33E-05	7.44E-05	3.44E-04
606092	4121600	8.75E-05	8.81E-05	8.89E-05	9.04E-06	8.54E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	8.75E-05	8.81E-05	8.89E-05	1.47E-05	7.85E-05	3.58E-04
606112	4121600	8.98E-05	9.04E-05	9.12E-05	1.01E-05	9.00E-05	3.71E-04	Residence	5.04E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	8.98E-05	9.04E-05	9.12E-05	1.64E-05	8.28E-05	3.70E-04
606132	4121600	9.17E-05	9.22E-05	9.30E-05	1.14E-05	9.48E-05	3.83E-04	Residence	5.20E-09	1.26E-07	1.39E-07	1.54E-08	0.29	0.00	9.17E-05	9.22E-05	9.30E-05	1.85E-05	8.72E-05	3.83E-04
606152	4121600	9.46E-05	9.52E-05	9.61E-05	1.30E-05	1.00E-04	3.99E-04	Residence	5.41E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	9.46E-05	9.52E-05	9.61E-05	2.12E-05	9.20E-05	3.99E-04
606172	4121600	9.84E-05	9.90E-05	1.00E-04	1.51E-05	1.06E-04	4.18E-04	Residence	5.67E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	9.84E-05	9.90E-05	1.00E-04	2.45E-05	9.73E-05	4.19E-04
606192	4121600	1.03E-04	1.04E-04	1.05E-04	1.76E-05	1.12E-04	4.41E-04	Residence	5.97E-09	1.45E-07	1.59E-07	1.77E-08	0.33	0.00	1.03E-04	1.04E-04	1.05E-04	2.86E-05	1.03E-04	4.43E-04
606212	4121600	1.09E-04	1.09E-04	1.11E-04	2.07E-05	1.19E-04	4.68E-04	Residence	6.35E-09	1.54E-07	1.70E-07	1.88E-08	0.35	0.00	1.09E-04	1.09E-04	1.11E-04	3.36E-05	1.09E-04	4.72E-04
606232	4121600	1.15E-04	1.16E-04	1.17E-04	2.41E-05	1.27E-04	5.00E-04	Residence	6.78E-09	1.64E-07	1.81E-07	2.01E-08	0.37	0.00	1.15E-04	1.16E-04	1.17E-04	3.92E-05	1.16E-04	5.05E-04
606252	4121600	1.24E-04	1.25E-04	1.27E-04	2.81E-05	1.35E-04	5.39E-04	Residence	7.31E-09	1.77E-07	1.95E-07	2.17E-08	0.40	0.00	1.24E-04	1.25E-04	1.27E-04	4.56E-05	1.24E-04	5.46E-04
606272	4121600	1.36E-04	1.37E-04	1.39E-04	3.25E-05	1.44E-04	5.88E-04	Residence	7.97E-09	1.93E-07	2.13E-07	2.36E-08	0.44	0.00	1.36E-04	1.37E-04	1.39E-04	5.28E-05	1.33E-04	5.97E-04
606292	4121600	1.51E-04	1.52E-04	1.55E-04	3.75E-05	1.55E-04	6.50E-04	Residence	8.81E-09	2.13E-07	2.35E-07	2.61E-08	0.48	0.00	1.51E-04	1.52E-04	1.55E-04	6.09E-05	1.42E-04	6.61E-04
606312	4121600	1.71E-04	1.73E-04	1.76E-04	4.30E-05	1.66E-04	7.28E-04	Residence	9.87E-09	2.39E-07	2.63E-07	2.93E-08	0.54	0.00	1.71E-04	1.73E-04	1.76E-04	6.99E-05	1.52E-04	7.41E-04
606332	4121600	1.96E-04	1.98E-04	2.02E-04	4.90E-05	1.77E-04	8.23E-04	Residence	1.12E-08	2.70E-07	2.98E-07	3.31E-08	0.61	0.00	1.96E-04	1.98E-04	2.02E-04	7.96E-05	1.63E-04	8.39E-04
606572	4121600	8.77E-04	9.03E-04	9.31E-04	6.54E-05	1.82E-04	2.96E-03	Residence	4.01E-08	9.72E-07	1.07E-06	1.19E-07	2.20	0.00	8.77E-04	9.03E-04	9.31E-04	1.06E-04	1.67E-04	2.98E-03
606592	4121600	9.12E-04	9.39E-04	9.65E-04	6.30E-05	1.73E-04	3.05E-03	Residence	4.14E-08	1.00E-06	1.10E-06	1.23E-07	2.27	0.00	9.12E-04	9.39E-04	9.65E-04	1.02E-04	1.59E-04	3.08E-03

606612	4121600	9.36E-04	9.61E-04	9.86E-04	6.05E-05	1.65E-04	3.11E-03	Residence	4.22E-08	1.02E-06	1.13E-06	1.25E-07	2.31	0.00	9.36E-04	9.61E-04	9.86E-04	9.83E-05	1.52E-04	3.13E-03
606632	4121600	9.52E-04	9.76E-04	9.99E-04	5.79E-05	1.57E-04	3.14E-03	Residence	4.26E-08	1.03E-06	1.14E-06	1.26E-07	2.34	0.00	9.52E-04	9.76E-04	9.99E-04	9.41E-05	1.44E-04	3.17E-03
606652	4121600	9.59E-04	9.82E-04	1.00E-03	5.53E-05	1.48E-04	3.15E-03	Residence	4.27E-08	1.03E-06	1.14E-06	1.26E-07	2.34	0.00	9.59E-04	9.82E-04	1.00E-03	8.98E-05	1.37E-04	3.17E-03
606672	4121600	9.58E-04	9.79E-04	9.97E-04	5.27E-05	1.41E-04	3.13E-03	Residence	4.24E-08	1.03E-06	1.13E-06	1.26E-07	2.33	0.00	9.58E-04	9.79E-04	9.97E-04	8.56E-05	1.29E-04	3.15E-03
606692	4121600	9.52E-04	9.70E-04	9.86E-04	5.01E-05	1.33E-04	3.09E-03	Residence	4.19E-08	1.02E-06	1.12E-06	1.24E-07	2.30	0.00	9.52E-04	9.70E-04	9.86E-04	8.14E-05	1.22E-04	3.11E-03
606712	4121600	9.40E-04	9.56E-04	9.69E-04	4.76E-05	1.25E-04	3.04E-03	Residence	4.12E-08	9.98E-07	1.10E-06	1.22E-07	2.26	0.00	9.40E-04	9.56E-04	9.69E-04	7.73E-05	1.15E-04	3.06E-03
606732	4121600	9.22E-04	9.36E-04	9.48E-04	4.51E-05	1.18E-04	2.97E-03	Residence	4.03E-08	9.75E-07	1.07E-06	1.19E-07	2.21	0.00	9.22E-04	9.36E-04	9.48E-04	7.33E-05	1.09E-04	2.99E-03
606752	4121600	9.01E-04	9.13E-04	9.22E-04	4.27E-05	1.12E-04	2.89E-03	Residence	3.92E-08	9.50E-07	1.05E-06	1.16E-07	2.15	0.00	9.01E-04	9.13E-04	9.22E-04	6.94E-05	1.03E-04	2.91E-03
606772	4121600	8.78E-04	8.88E-04	8.95E-04	4.04E-05	1.05E-04	2.81E-03	Residence	3.81E-08	9.22E-07	1.02E-06	1.13E-07	2.09	0.00	8.78E-04	8.88E-04	8.95E-04	6.56E-05	9.70E-05	2.82E-03
606872	4121600	7.38E-04	7.40E-04	7.40E-04	3.04E-05	7.91E-05	2.33E-03	Santa Teresa Elementary School	3.16E-08	7.65E-07	8.43E-07	9.36E-08	1.73	0.00	7.38E-04	7.40E-04	7.40E-04	4.94E-05	7.28E-05	2.34E-03
606892	4121600	7.10E-04	7.11E-04	7.09E-04	2.87E-05	7.48E-05	2.23E-03	Santa Teresa Elementary School	3.03E-08	7.34E-07	8.08E-07	8.98E-08	1.66	0.00	7.10E-04	7.11E-04	7.09E-04	4.67E-05	6.88E-05	2.25E-03
606912	4121600	6.82E-04	6.82E-04	6.80E-04	2.71E-05	7.08E-05	2.14E-03	Santa Teresa Elementary School	2.90E-08	7.03E-07	7.75E-07	8.61E-08	1.59	0.00	6.82E-04	6.82E-04	6.80E-04	4.41E-05	6.51E-05	2.15E-03
606932	4121600	6.54E-04	6.53E-04	6.51E-04	2.57E-05	6.71E-05	2.05E-03	Santa Teresa Elementary School	2.78E-08	6.74E-07	7.42E-07	8.24E-08	1.53	0.00	6.54E-04	6.53E-04	6.51E-04	4.17E-05	6.17E-05	2.06E-03
606992	4121600	5.70E-04	5.68E-04	5.64E-04	2.17E-05	5.72E-05	1.78E-03	Residence	2.41E-08	5.85E-07	6.45E-07	7.16E-08	1.33	0.00	5.70E-04	5.68E-04	5.64E-04	3.53E-05	5.26E-05	1.79E-03
607012	4121600	5.46E-04	5.43E-04	5.39E-04	2.06E-05	5.44E-05	1.70E-03	Residence	2.31E-08	5.60E-07	6.17E-07	6.85E-08	1.27	0.00	5.46E-04	5.43E-04	5.39E-04	3.35E-05	5.00E-05	1.71E-03
607032	4121600	5.23E-04	5.20E-04	5.16E-04	1.95E-05	5.18E-05	1.63E-03	Residence	2.21E-08	5.36E-07	5.90E-07	6.55E-08	1.21	0.00	5.23E-04	5.20E-04	5.16E-04	3.17E-05	4.76E-05	1.64E-03
607052	4121600	5.04E-04	5.01E-04	4.96E-04	1.86E-05	4.93E-05	1.57E-03	Residence	2.13E-08	5.15E-07	5.68E-07	6.31E-08	1.17	0.00	5.04E-04	5.01E-04	4.96E-04	3.02E-05	4.54E-05	1.58E-03
605632	4121620	7.24E-05	7.33E-05	7.40E-05	3.88E-06	2.69E-05	2.50E-04	Residence	3.40E-09	8.23E-08	9.07E-08	1.01E-08	0.19	0.00	7.24E-05	7.33E-05	7.40E-05	6.30E-06	2.48E-05	2.51E-04
605652	4121620	7.31E-05	7.39E-05	7.47E-05	3.95E-06	2.82E-05	2.54E-04	Residence	3.44E-09	8.34E-08	9.19E-08	1.02E-08	0.19	0.00	7.31E-05	7.39E-05	7.47E-05	6.42E-06	2.59E-05	2.54E-04
605672	4121620	7.42E-05	7.50E-05	7.58E-05	4.03E-06	2.95E-05	2.59E-04	Residence	3.51E-09	8.49E-08	9.36E-08	1.04E-08	0.19	0.00	7.42E-05	7.50E-05	7.58E-05	6.54E-06	2.71E-05	2.59E-04
605692	4121620	7.51E-05	7.60E-05	7.68E-05	4.10E-06	3.09E-05	2.63E-04	Residence	3.56E-09	8.63E-08	9.52E-08	1.06E-08	0.20	0.00	7.51E-05	7.60E-05	7.68E-05	6.67E-06	2.84E-05	2.63E-04
605712	4121620	7.60E-05	7.69E-05	7.77E-05	4.18E-06	3.24E-05	2.67E-04	Residence	3.62E-09	8.78E-08	9.67E-08	1.07E-08	0.20	0.00	7.60E-05	7.69E-05	7.77E-05	6.79E-06	2.98E-05	2.67E-04
605732	4121620	7.70E-05	7.79E-05	7.88E-05	4.26E-06	3.41E-05	2.72E-04	Residence	3.69E-09	8.94E-08	9.85E-08	1.09E-08	0.20	0.00	7.70E-05	7.79E-05	7.88E-05	6.92E-06	3.13E-05	2.72E-04
605752	4121620	7.80E-05	7.89E-05	7.98E-05	4.34E-06	3.58E-05	2.77E-04	Residence	3.76E-09	9.10E-08	1.00E-07	1.11E-08	0.21	0.00	7.80E-05	7.89E-05	7.98E-05	7.05E-06	3.30E-05	2.77E-04
605772	4121620	7.87E-05	7.97E-05	8.06E-05	4.42E-06	3.77E-05	2.81E-04	Residence	3.81E-09	9.24E-08	1.02E-07	1.13E-08	0.21	0.00	7.87E-05	7.97E-05	8.06E-05	7.18E-06	3.47E-05	2.81E-04
605792	4121620	7.96E-05	8.06E-05	8.15E-05	4.50E-06	3.97E-05	2.86E-04	Residence	3.88E-09	9.39E-08	1.04E-07	1.15E-08	0.21	0.00	7.96E-05	8.06E-05	8.15E-05	7.31E-06	3.65E-05	2.86E-04
605812	4121620	8.04E-05	8.14E-05	8.23E-05	4.59E-06	4.19E-05	2.91E-04	Residence	3.94E-09	9.54E-08	1.05E-07	1.17E-08	0.22	0.00	8.04E-05	8.14E-05	8.23E-05	7.45E-06	3.85E-05	2.90E-04
605832	4121620	8.11E-05	8.21E-05	8.30E-05	4.68E-06	4.42E-05	2.95E-04	Residence	4.00E-09	9.70E-08	1.07E-07	1.19E-08	0.22	0.00	8.11E-05	8.21E-05	8.30E-05	7.61E-06	4.07E-05	2.95E-04
605852	4121620	8.19E-05	8.29E-05	8.39E-05	4.79E-06	4.67E-05	3.00E-04	Residence	4.07E-09	9.86E-08	1.09E-07	1.21E-08	0.22	0.00	8.19E-05	8.29E-05	8.39E-05	7.78E-06	4.30E-05	2.99E-04
605872	4121620	8.28E-05	8.38E-05	8.47E-05	4.91E-06	4.94E-05	3.06E-04	Residence	4.15E-09	1.00E-07	1.11E-07	1.23E-08	0.23	0.00	8.28E-05	8.38E-05	8.47E-05	7.97E-06	4.55E-05	3.05E-04
605892	4121620	8.37E-05	8.47E-05	8.55E-05	5.05E-06	5.23E-05	3.11E-04	Residence	4.22E-09	1.02E-07	1.13E-07	1.25E-08	0.23	0.00	8.37E-05	8.47E-05	8.55E-05	8.20E-06	4.82E-05	3.10E-04
605912	4121620	8.42E-05	8.51E-05	8.59E-05	5.21E-06	5.55E-05	3.16E-04	Residence	4.28E-09	1.04E-07	1.14E-07	1.27E-08	0.24	0.00	8.42E-05	8.51E-05	8.59E-05	8.47E-06	5.10E-05	3.15E-04
605932	4121620	8.43E-05	8.52E-05	8.59E-05	5.42E-06	5.88E-05	3.20E-04	Residence	4.34E-09	1.05E-07	1.16E-07	1.28E-08	0.24	0.00	8.43E-05	8.52E-05	8.59E-05	8.80E-06	5.41E-05	3.18E-04
605952	4121620	8.46E-05	8.54E-05	8.61E-05	5.67E-06	6.24E-05	3.24E-04	Residence	4.39E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	8.46E-05	8.54E-05	8.61E-05	9.21E-06	5.74E-05	3.23E-04
605972	4121620	8.49E-05	8.57E-05	8.63E-05	5.98E-06	6.62E-05	3.29E-04	Residence	4.46E-09	1.08E-07	1.19E-07	1.32E-08	0.24	0.00	8.49E-05	8.57E-05	8.63E-05	9.71E-06	6.09E-05	3.27E-04
605992	4121620	8.53E-05	8.61E-05	8.69E-05	6.36E-06	7.03E-05	3.35E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.35E-08	0.25	0.00	8.53E-05	8.61E-05	8.69E-05	1.03E-05	6.47E-05	3.33E-04
606012	4121620	8.57E-05	8.65E-05	8.72E-05	6.83E-06	7.46E-05	3.41E-04	Residence	4.62E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	8.57E-05	8.65E-05	8.72E-05	1.11E-05	6.86E-05	3.39E-04
606032	4121620	8.63E-05	8.70E-05	8.77E-05	7.39E-06	7.92E-05	3.48E-04	Residence	4.71E-09	1.14E-07	1.26E-07	1.40E-08	0.26	0.00	8.63E-05	8.70E-05	8.77E-05	1.20E-05	7.28E-05	3.46E-04
606052	4121620	8.71E-05	8.78E-05	8.86E-05	8.05E-06	8.39E-05	3.55E-04	Residence	4.82E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	8.71E-05	8.78E-05	8.86E-05	1.31E-05	7.72E-05	3.54E-04
606072	4121620	8.75E-05	8.82E-05	8.91E-05	8.84E-06	8.88E-05	3.62E-04	Residence	4.92E-09	1.19E-07	1.31E-07	1.46E-08	0.27	0.00	8.75E-05	8.82E-05	8.91E-05	1.44E-05	8.17E-05	3.61E-04
606092	4121620	8.97E-05	9.04E-05	9.13E-05	9.80E-06	9.40E-05	3.75E-04	Residence	5.09E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	8.97E-05	9.04E-05	9.13E-05	1.59E-05	8.65E-05	3.74E-04
606112	4121620	9.19E-05	9.27E-05	9.35E-05	1.10E-05	9.95E-05	3.89E-04	Residence	5.27E-09	1.28E-07	1.41E-07	1.56E-08	0.29	0.00	9.19E-05	9.27E-05	9.35E-05	1.78E-05	9.16E-05	3.87E-04
606132	4121620	9.44E-05	9.51E-05	9.61E-05	1.24E-05	1.05E-04	4.03E-04	Residence	5.47E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	9.44E-05	9.51E-05	9.61E-05	2.02E-05	9.69E-05	4.03E-04
606152	4121620	9.75E-05	9.83E-05	9.93E-05	1.43E-05	1.12E-04	4.21E-04	Residence	5.71E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	9.75E-05	9.83E-05	9.93E-05	2.33E-05	1.03E-04	4.21E-04
606172	4121620	1.01E-04	1.02E-04	1.03E-04	1.68E-05	1.18E-04	4.42E-04	Residence	6.00E-09	1.45E-07	1.60E-07	1.78E-08	0.33	0.00	1.01E-04	1.02E-04	1.03E-04	2.72E-05	1.09E-04	4.43E-04
606192	4121620	1.06E-04	1.07E-04	1.08E-04	1.98E-05	1.26E-04	4.67E-04	Residence	6.33E-09	1.53E-07	1.69E-07	1.88E-08	0.35	0.00	1.06E-04	1.07E-04	1.08E-04	3.21E-05	1.16E-04	4.69E-04
606212	4121620	1.12E-04	1.13E-04	1.14E-04	2.34E-05	1.34E-04	4.96E-04	Residence	6.73E-09	1.63E-07	1.80E-07	1.99E-08	0.37	0.00	1.12E-04	1.13E-04	1.14E-04	3.80E-05	1.24E-04	5.00E-04
606232	4121620	1.18E-04	1.19E-04	1.20E-04	2.76E-05	1.43E-04	5.28E-04	Residence	7.16E-09	1.73E-07	1.91E-07	2.12E-08	0.39	0.00	1.18E-04	1.19E-04	1.20E-04	4.49E-05	1.32E-04	5.34E-04
606252	4121620	1.27E-04	1.28E-04	1.30E-04	3.24E-05	1.54E-04	5.72E-04	Residence	7.76E-09	1.88E-07	2.07E-07	2.30E-08	0.43	0.00	1.27E-04	1.28E-04	1.30E-04	5.27E-05	1.42E-04	5.80E-04
606272	4121620	1.40E-04	1.41E-04	1.43E-04	3.79E-05	1.66E-04	6.28E-04	Residence	8.52E-09	2.06E-07	2.27E-07	2.53E-08	0.47	0.00	1.40E-04	1.41E-04	1.43E-04	6.17E-05	1.52E-04	6.39E-04
606292	4121620	1.57E-04	1.58E-04	1.61E-04	4.41E-05	1.78E-04	6.98E-04	Residence	9.47E-09	2.29E-07	2.53E-07	2.81E-08	0.52	0.00	1.57E-04	1.58E-04	1.61E-04	7.17E-05	1.64E-04	7.11E-04
606312	4121620	1.78E-04	1.80E-04	1.84E-04	5.09E-05	1.92E-04	7.86E-04	Residence	1.07E-08	2.58E-07	2.84E-07	3.16E-08	0.58	0.00	1.78E-04	1.80E-04	1.84E-04	8.28E-05	1.77E-04	8.02E-04
606392	4121620	3.28E-04	3.36E-04	3.47E-04	7.61E-05	2.36E-04	1.32E-03	Worker	1.79E-08	4.35E-07	4.79E-07	5.32E-08	0.98	0.00	3.28E-04	3.36E-04	3.47E-04	1.24E-04	2.17E-04	1.35E-03
606412	4121620	3.87E-04	3.98E-04	4.13E-04	7.96E-05	2.40E-04	1.52E-03	Worker	2.06E-08	4.98E-07	5.49E-07	6.09E-08	1.13	0.00	3.87E-04	3.98E-04	4.13E-04	1.29E-04	2.21E-04	1.55E-03
606432	4121620	4.57E-04	4.72E-04	4.91E-04	8.16E-05	2.41E-04	1.74E-03	Worker	2.36E-08	5.73E-07	6.31E-07	7.01E-08	1.30	0.00	4.57E-04	4.72E-04	4.91E-04	1.33E-04	2.22E-04	1.78E-03
606492	4121620	7.11E-04	7.37E-04	7.68E-04	8.04E-05	2.29E-04	2.53E-03	Residence	3.43E-08	8.30E-07	9.14E-07	1.02E-07	1.88	0.00	7.11E-04	7.37E-04	7.68E-04	1.31E-04	2.11E-04	2.56E-03
606512	4121620	7.92E-04	8.21E-04	8.53E-04	7.84E-05	2.21E-04	2.77E-03	Residence	3.75E-08	9.09E-07	1.00E-06	1.11E-07	2.06	0.00	7.92E-04	8.21E-04	8.53E-04	1.27E-04	2.04E-04	2.80E-03
606872	4121620	7.40E-04	7.40E-04	7.37E-04	2.99E-05	7.82E-05	2.33E-03	Santa Teresa Elementary School	3.15E-08	7.64E-07	8.42E-07	9.35E-08	1.73	0.00	7.40E-04	7.40E-04	7.37E-04	4.87E-05	7.19E-05	2.34E-03
606892	4121620	7.08E-04	7.07E-04	7.04E-04	2.82E-05	7.38E-05	2.22E-03	Santa Teresa Elementary School	3.01E-08	7.29E-07	8.04E-07	8.93E-08	1.65	0.00	7.08E-04	7.07E-04	7.04E-04	4.58E-05	6.79E-05	2.23E-03
606912	4121620	6.77E-04	6.76E-04	6.72E-04	2.66E-05	6.97E-05	2.12E-03	Santa Teresa Elementary School	2.88E-08	6.97E-07	7.68E-07	8.53E-08	1.58	0.00	6.77E-04	6.76E-04	6.72E-04	4.32E-05	6.41E-05	2.13E-03
606932	4121620	6.47E-04	6.45E-04	6.41E-04	2.51E-05	6.59E-05	2.02E-03	Santa Teresa Elementary School	2.74E-08	6.65E-07	7.33E-07	8.14E-08	1.51	0.00	6.47E-04	6.45E-04	6.41E-04	4.08E-05	6.07E-05	2.03E-03
606992	4121620	5.61E-04	5.58E-04	5.53E-04	2.11E-05	5.61E-05	1.75E-03	Residence	2.37E-08	5.75E-07	6.33E-07	7.03E-08	1.30	0.00	5.61E-04	5.58E-04	5.53E-04	3.44E-05	5.16E-05	1.76E-03
607012	4121620	5.36E-04	5.32E-04	5.27E-04	2.00E-05	5.33E-05	1.67E-03	Residence	2.26E-08	5.48E-07	6.04E-07	6.71E-08	1.24	0.00	5.36E-04	5.32E-04	5.27E-04	3.25E-05	4.90E-05	1.68E-03
607032	4121620	5.13E-04	5.09E-04	5.04E-04	1.90E-05	5.07E-05	1.60E-03	Residence	2.16E-08	5.24E-07	5.78E-07	6.41E-08	1.19	0.00	5.13E-04	5.09E-04	5.04E-04	3.08E-05	4.66E-05	1.60E-03
607052	4121620	4.91E-04	4.87E-04	4.83E-04	1.80E-05	4.82E-05	1.53E-03	Residence	2.07E-08	5.02E-07	5.53E-07	6.14E-08	1.14	0.00	4.91E-04	4.87E-04	4.83E-04	2.92E-05	4.44E-05	1.54E-03
605632	4121640	7.75E-05	7.84E-05	7.92E-05	4.21E-06	2.79E-05	2.67E-04	Residence	3.62E-09	8.78E-08	9.67E-08	1.07E-08	0.20	0.00	7.75E-05	7.84E-05	7.92E-05	6.85E-06	2.57E-05	2.68E-04
605652	4121640	7.83E-05	7.92E-05	8.00E-05	4.30E-06	2.92E-05	2.71E-04	Residence	3.68E-09	8.90E-08	9.81E-08	1.09E-08	0.20	0.00	7.83E-05	7.92E-05	8.00E-05	7.00E-06	2.69E-05	2.71E-04
605672	4121640	7.90E-05	7.99E-05	8.08E-05	4.40E-06	3.06E-05	2.75E-04	Residence	3.73E-09	9.02E-08	9.95E-08	1.10E-08	0.20	0.00	7.90E-05	7.99E-05	8.08E-05	7.14E-06	2.81E-05	2.75E-04
605692	4121640	7.97E-05	8.07E-05	8.15E-05	4.49E-06	3.21E-05	2.78E-04	Residence	3.78E-09	9.15E-08	1.01E-07	1.12E-08	0.21	0.00	7.97E-05	8.07E-05	8.15E-05	7.29E-06	2.95E-05	2.79E-04
605712	4121640	8.04E-05	8.14E-05	8.23E-05	4.58E-06	3.37E-05	2.82E-04	Residence	3.83E-09	9.28E-08	1.02E-07	1.14E-08	0.21	0.00	8.04E-05	8.14E-05	8.23E-05	7.44E-06	3.10E-05	2.83E-04
605732	4121640	8.11E-05	8.21E-05	8.30E-05	4.67E-06	3.54E-05	2.86E-04	Residence	3.88E-09	9.40E-08	1.04E-07	1.15E-08	0.21	0.00	8.11E-05	8.21E-05	8.30E-05	7.59E-06	3.26E-05	2.86E-04
605752	4121640	8.18E-05	8.28E-05	8.38E-05	4.77E-06	3.73E-05	2.90E-04	Residence	3.94E-09	9.54E-08	1.05E-07	1.17E-08	0.22	0.00	8.18E-05	8.28E-05	8.38E-05	7.75E-06	3.43E-05	2.90E-04
605772	4121640	8.24E-05	8.34E-05	8.44E-05	4.86E-06	3.93E-05	2.94E-04	Residence	3.99E-09	9.67E-08	1.07E-07	1.18E-08	0.22	0.00	8.24E-05	8.34E-05	8.44E-05	7.90E-06	3.62E-05	2.94E-04
605792	4121640	8.28E-05	8.39E-05	8.48E-05	4.96E-06	4.15E-05	2.98E-04	Residence	4.04E-09	9.79E-08	1.08E-07	1.20E-08	0.22	0.00	8.28E-05	8.39E-05	8.48E-05	8.06E-06	3.82E-05	2.98E-04
605812	4121640	8.32E-05	8.43E-05	8.53E-05	5.06E-06	4.38E-05	3.02E-04	Residence	4.09E-09	9.91E-08	1.09E-07	1.21E-08	0.22	0.00	8.32E-05	8.43E-05	8.53E-05	8.22E-06	4.03E-05	3.01E-04
605832	4121640	8.34E-05	8.45E-05	8.55E-05	5.16E-06	4.63E-05	3.05E-04	Residence	4.14E-09	1.00E-07	1.10E-07	1.23E-08	0.23	0.00	8.34E-05	8.45E-05	8.55E-05	8.39E-06	4.26E-05	3.05E-04
605852	4121640	8.38E-05	8.49E-05	8.59E-05	5.28E-06	4.91E-05	3.09E-04	Residence	4.19E-09	1.02E-07	1.12E-07	1.24E-08	0.23	0.00	8.38E-05	8.49E-05	8.59E-05	8.58E-06	4.51E-05	3.08E-04
605872	4121640	8.40E-05	8.51E-05	8.61E-05	5.40E-06	5.20E-05	3.13E-04	Residence	4.24E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	8.40E-05	8.51E-05	8.61E-05	8.78E-06	4.78E-05	3.12E-04
605892	4121640	8.42E-05	8.52E-05	8.60E-05	5.54E-06	5.52E-05	3.16E-04	Residence	4.29E-09	1.04E-07	1.14E-07	1.27E-08	0.24	0.00	8.42E-05	8.52E-05	8.60E-05	9.01E-06	5.07E-05	3.15E-04
605912	4121640	8.40E-05	8.50E-05	8.57E-05	5.71E-06	5.86E-05	3.19E-04	Residence	4.33E-09	1.05E-07	1.15E-07	1.28E-08	0.24	0.00	8.40E-05	8.50E-05	8.57E-05	9.28E-06	5.39E-05	3.18E-04
605932	4121640	8.37E-05	8.46E-05	8.54E-05	5.91E-06	6.23E-05	3.22E-04	Residence	4.37E-09	1.06E-07	1.17E-07	1.29E-08	0.24	0.00	8.37E-05	8.46E-05	8.54E-05	9.61E-06	5.73E-05	3.21E-04
605952	4121640	8.25E-05	8.34E-05	8.41E-05	6.15E-06	6.61E-05	3.22E-04	Residence	4.37E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	8.25E-05	8.34E-05	8.41E-05	1.00E-05	6.08E-05	3.21E-04
605972	4121640	8.19E-05	8.28E-05	8.35E-05	6.46E-06	7.03E-05	3.25E-04	Residence	4.41E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	8.19E-05	8.28E-05	8.35E-05	1.05E-05	6.46E-05	3.23E-04

605992	4121640	8.30E-05	8.38E-05	8.45E-05	6.86E-06	7.51E-05	3.33E-04	Residence	4.52E-09	1.09E-07	1.21E-07	1.34E-08	0.25	0.00	8.30E-05	8.38E-05	8.45E-05	1.11E-05	6.91E-05	3.32E-04
606012	4121640	8.36E-05	8.44E-05	8.51E-05	7.35E-06	8.02E-05	3.41E-04	Residence	4.62E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	8.36E-05	8.44E-05	8.51E-05	1.19E-05	7.38E-05	3.39E-04
606032	4121640	8.42E-05	8.49E-05	8.56E-05	7.95E-06	8.54E-05	3.48E-04	Residence	4.72E-09	1.14E-07	1.26E-07	1.40E-08	0.26	0.00	8.42E-05	8.49E-05	8.56E-05	1.29E-05	7.86E-05	3.46E-04
606052	4121640	8.49E-05	8.56E-05	8.63E-05	8.67E-06	9.09E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.27	0.00	8.49E-05	8.56E-05	8.63E-05	1.41E-05	8.37E-05	3.55E-04
606072	4121640	8.58E-05	8.65E-05	8.73E-05	9.54E-06	9.67E-05	3.66E-04	Residence	4.96E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	8.58E-05	8.65E-05	8.73E-05	1.55E-05	8.89E-05	3.64E-04
606192	4121640	1.08E-04	1.09E-04	1.11E-04	2.23E-05	1.42E-04	4.92E-04	Worker	6.68E-09	1.62E-07	1.78E-07	1.98E-08	0.37	0.00	1.08E-04	1.09E-04	1.11E-04	3.63E-05	1.31E-04	4.95E-04
606212	4121640	1.13E-04	1.14E-04	1.16E-04	2.67E-05	1.53E-04	5.23E-04	Residence	7.09E-09	1.72E-07	1.89E-07	2.10E-08	0.39	0.00	1.13E-04	1.14E-04	1.16E-04	4.34E-05	1.40E-04	5.27E-04
606232	4121640	1.20E-04	1.21E-04	1.23E-04	3.18E-05	1.64E-04	5.59E-04	Residence	7.58E-09	1.84E-07	2.02E-07	2.25E-08	0.42	0.00	1.20E-04	1.21E-04	1.23E-04	5.17E-05	1.51E-04	5.66E-04
606252	4121640	1.30E-04	1.31E-04	1.33E-04	3.78E-05	1.77E-04	6.08E-04	Residence	8.24E-09	2.00E-07	2.20E-07	2.44E-08	0.45	0.00	1.30E-04	1.31E-04	1.33E-04	6.15E-05	1.63E-04	6.17E-04
606272	4121640	1.44E-04	1.45E-04	1.48E-04	4.48E-05	1.92E-04	6.73E-04	Residence	9.13E-09	2.21E-07	2.44E-07	2.71E-08	0.50	0.00	1.44E-04	1.45E-04	1.48E-04	7.28E-05	1.76E-04	6.86E-04
606292	4121640	1.62E-04	1.64E-04	1.67E-04	5.26E-05	2.08E-04	7.54E-04	Residence	1.02E-08	2.48E-07	2.73E-07	3.03E-08	0.56	0.00	1.62E-04	1.64E-04	1.67E-04	8.54E-05	1.91E-04	7.70E-04
606312	4121640	1.85E-04	1.88E-04	1.92E-04	6.09E-05	2.24E-04	8.50E-04	Residence	1.15E-08	2.79E-07	3.08E-07	3.42E-08	0.63	0.00	1.85E-04	1.88E-04	1.92E-04	9.90E-05	2.06E-04	8.70E-04
606492	4121640	7.99E-04	8.31E-04	8.67E-04	8.87E-05	2.50E-04	2.84E-03	Residence	3.85E-08	9.31E-07	1.03E-06	1.14E-07	2.11	0.00	7.99E-04	8.31E-04	8.67E-04	1.44E-04	2.30E-04	2.87E-03
606512	4121640	8.84E-04	9.18E-04	9.55E-04	8.57E-05	2.39E-04	3.08E-03	Residence	4.18E-08	1.01E-06	1.12E-06	1.24E-07	2.29	0.00	8.84E-04	9.18E-04	9.55E-04	1.39E-04	2.20E-04	3.12E-03
606532	4121640	9.59E-04	9.93E-04	1.03E-03	8.23E-05	2.28E-04	3.29E-03	Residence	4.46E-08	1.08E-06	1.19E-06	1.32E-07	2.45	0.00	9.59E-04	9.93E-04	1.03E-03	1.34E-04	2.09E-04	3.33E-03
606552	4121640	1.02E-03	1.05E-03	1.09E-03	7.86E-05	2.15E-04	3.45E-03	Residence	4.67E-08	1.13E-06	1.25E-06	1.39E-07	2.57	0.00	1.02E-03	1.05E-03	1.09E-03	1.28E-04	1.98E-04	3.48E-03
606572	4121640	1.06E-03	1.09E-03	1.13E-03	7.49E-05	2.03E-04	3.56E-03	Residence	4.82E-08	1.17E-06	1.29E-06	1.43E-07	2.65	0.00	1.06E-03	1.09E-03	1.13E-03	1.22E-04	1.87E-04	3.59E-03
606592	4121640	1.09E-03	1.12E-03	1.15E-03	7.10E-05	1.91E-04	3.62E-03	Residence	4.91E-08	1.19E-06	1.31E-06	1.46E-07	2.69	0.00	1.09E-03	1.12E-03	1.15E-03	1.15E-04	1.76E-04	3.65E-03
606612	4121640	1.11E-03	1.13E-03	1.16E-03	6.72E-05	1.79E-04	3.65E-03	Residence	4.95E-08	1.20E-06	1.32E-06	1.47E-07	2.71	0.00	1.11E-03	1.13E-03	1.16E-03	1.09E-04	1.65E-04	3.67E-03
606632	4121640	1.11E-03	1.13E-03	1.16E-03	6.34E-05	1.68E-04	3.63E-03	Residence	4.93E-08	1.19E-06	1.31E-06	1.46E-07	2.70	0.00	1.11E-03	1.13E-03	1.16E-03	1.03E-04	1.54E-04	3.66E-03
606912	4121640	6.67E-04	6.63E-04	6.58E-04	2.59E-05	6.83E-05	2.08E-03	Santa Teresa Elementary School	2.82E-08	6.84E-07	7.54E-07	8.37E-08	1.55	0.00	6.67E-04	6.63E-04	6.58E-04	4.21E-05	6.29E-05	2.09E-03
606932	4121640	6.35E-04	6.31E-04	6.25E-04	2.44E-05	6.45E-05	1.98E-03	Santa Teresa Elementary School	2.68E-08	6.50E-07	7.16E-07	7.96E-08	1.47	0.00	6.35E-04	6.31E-04	6.25E-04	3.96E-05	5.94E-05	1.99E-03
606992	4121640	5.46E-04	5.42E-04	5.36E-04	2.05E-05	5.48E-05	1.70E-03	Residence	2.30E-08	5.58E-07	6.15E-07	6.83E-08	1.26	0.00	5.46E-04	5.42E-04	5.36E-04	3.33E-05	5.04E-05	1.71E-03
607012	4121640	5.20E-04	5.16E-04	5.10E-04	1.93E-05	5.20E-05	1.62E-03	Residence	2.19E-08	5.31E-07	5.85E-07	6.50E-08	1.20	0.00	5.20E-04	5.16E-04	5.10E-04	3.14E-05	4.78E-05	1.63E-03
607032	4121640	4.98E-04	4.93E-04	4.88E-04	1.83E-05	4.94E-05	1.55E-03	Residence	2.10E-08	5.08E-07	5.60E-07	6.22E-08	1.15	0.00	4.98E-04	4.93E-04	4.88E-04	2.98E-05	4.55E-05	1.55E-03
607052	4121640	4.77E-04	4.72E-04	4.67E-04	1.74E-05	4.71E-05	1.48E-03	Residence	2.01E-08	4.86E-07	5.36E-07	5.95E-08	1.10	0.00	4.77E-04	4.72E-04	4.67E-04	2.82E-05	4.33E-05	1.49E-03
605632	4121660	8.11E-05	8.21E-05	8.29E-05	4.57E-06	2.88E-05	2.79E-04	Residence	3.79E-09	9.18E-08	1.01E-07	1.12E-08	0.21	0.00	8.11E-05	8.21E-05	8.29E-05	7.43E-06	2.65E-05	2.80E-04
605652	4121660	8.21E-05	8.31E-05	8.40E-05	4.68E-06	3.02E-05	2.84E-04	Residence	3.85E-09	9.33E-08	1.03E-07	1.14E-08	0.21	0.00	8.21E-05	8.31E-05	8.40E-05	7.61E-06	2.78E-05	2.85E-04
605672	4121660	8.32E-05	8.42E-05	8.51E-05	4.80E-06	3.17E-05	2.89E-04	Residence	3.92E-09	9.49E-08	1.05E-07	1.16E-08	0.22	0.00	8.32E-05	8.42E-05	8.51E-05	7.80E-06	2.91E-05	2.89E-04
605692	4121660	8.42E-05	8.52E-05	8.62E-05	4.91E-06	3.33E-05	2.94E-04	Residence	3.98E-09	9.65E-08	1.06E-07	1.18E-08	0.22	0.00	8.42E-05	8.52E-05	8.62E-05	7.98E-06	3.06E-05	2.94E-04
605712	4121660	8.51E-05	8.62E-05	8.71E-05	5.03E-06	3.50E-05	2.98E-04	Residence	4.05E-09	9.80E-08	1.08E-07	1.20E-08	0.22	0.00	8.51E-05	8.62E-05	8.71E-05	8.17E-06	3.22E-05	2.99E-04
605732	4121660	8.61E-05	8.72E-05	8.82E-05	5.14E-06	3.69E-05	3.03E-04	Residence	4.12E-09	9.97E-08	1.10E-07	1.22E-08	0.23	0.00	8.61E-05	8.72E-05	8.82E-05	8.36E-06	3.39E-05	3.04E-04
605752	4121660	8.72E-05	8.83E-05	8.93E-05	5.26E-06	3.89E-05	3.09E-04	Residence	4.19E-09	1.02E-07	1.12E-07	1.24E-08	0.23	0.00	8.72E-05	8.83E-05	8.93E-05	8.55E-06	3.58E-05	3.09E-04
605772	4121660	8.80E-05	8.92E-05	9.02E-05	5.38E-06	4.11E-05	3.14E-04	Residence	4.26E-09	1.03E-07	1.14E-07	1.26E-08	0.23	0.00	8.80E-05	8.92E-05	9.02E-05	8.74E-06	3.78E-05	3.14E-04
605792	4121660	8.90E-05	9.02E-05	9.12E-05	5.50E-06	4.35E-05	3.19E-04	Residence	4.33E-09	1.05E-07	1.16E-07	1.28E-08	0.24	0.00	8.90E-05	9.02E-05	9.12E-05	8.94E-06	4.00E-05	3.19E-04
605812	4121660	8.97E-05	9.10E-05	9.22E-05	5.62E-06	4.61E-05	3.25E-04	Residence	4.40E-09	1.07E-07	1.18E-07	1.30E-08	0.24	0.00	8.97E-05	9.10E-05	9.22E-05	9.13E-06	4.24E-05	3.24E-04
605832	4121660	9.04E-05	9.17E-05	9.29E-05	5.75E-06	4.89E-05	3.30E-04	Residence	4.47E-09	1.08E-07	1.19E-07	1.33E-08	0.25	0.00	9.04E-05	9.17E-05	9.29E-05	9.34E-06	4.50E-05	3.29E-04
605852	4121660	9.11E-05	9.24E-05	9.36E-05	5.88E-06	5.19E-05	3.35E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.35E-08	0.25	0.00	9.11E-05	9.24E-05	9.36E-05	9.55E-06	4.78E-05	3.34E-04
605872	4121660	9.16E-05	9.28E-05	9.39E-05	6.02E-06	5.53E-05	3.40E-04	Residence	4.61E-09	1.12E-07	1.23E-07	1.36E-08	0.25	0.00	9.16E-05	9.28E-05	9.39E-05	9.78E-06	5.08E-05	3.39E-04
605892	4121660	9.16E-05	9.29E-05	9.39E-05	6.18E-06	5.89E-05	3.43E-04	Residence	4.66E-09	1.13E-07	1.24E-07	1.38E-08	0.26	0.00	9.16E-05	9.29E-05	9.39E-05	1.00E-05	5.42E-05	3.43E-04
605912	4121660	9.14E-05	9.25E-05	9.34E-05	6.35E-06	6.28E-05	3.47E-04	Residence	4.70E-09	1.14E-07	1.25E-07	1.39E-08	0.26	0.00	9.14E-05	9.25E-05	9.34E-05	1.03E-05	5.78E-05	3.45E-04
605932	4121660	9.12E-05	9.23E-05	9.33E-05	6.56E-06	6.71E-05	3.51E-04	Residence	4.75E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	9.12E-05	9.23E-05	9.33E-05	1.07E-05	6.17E-05	3.49E-04
605952	4121660	9.10E-05	9.21E-05	9.31E-05	6.82E-06	7.18E-05	3.55E-04	Residence	4.81E-09	1.17E-07	1.28E-07	1.43E-08	0.26	0.00	9.10E-05	9.21E-05	9.31E-05	1.11E-05	6.60E-05	3.53E-04
605972	4121660	9.08E-05	9.19E-05	9.29E-05	7.13E-06	7.68E-05	3.60E-04	Residence	4.88E-09	1.18E-07	1.30E-07	1.45E-08	0.27	0.00	9.08E-05	9.19E-05	9.29E-05	1.16E-05	7.07E-05	3.58E-04
605992	4121660	9.08E-05	9.19E-05	9.28E-05	7.53E-06	8.23E-05	3.65E-04	Residence	4.95E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	9.08E-05	9.19E-05	9.28E-05	1.22E-05	7.57E-05	3.63E-04
606012	4121660	9.10E-05	9.21E-05	9.30E-05	8.03E-06	8.82E-05	3.72E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	9.10E-05	9.21E-05	9.30E-05	1.31E-05	8.11E-05	3.70E-04
606032	4121660	9.15E-05	9.25E-05	9.35E-05	8.67E-06	9.45E-05	3.81E-04	Residence	5.16E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	9.15E-05	9.25E-05	9.35E-05	1.41E-05	8.70E-05	3.79E-04
606052	4121660	9.21E-05	9.32E-05	9.43E-05	9.47E-06	1.01E-04	3.90E-04	Residence	5.29E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	9.21E-05	9.32E-05	9.43E-05	1.54E-05	9.32E-05	3.88E-04
606072	4121660	9.30E-05	9.41E-05	9.52E-05	1.04E-05	1.08E-04	4.01E-04	Residence	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	9.30E-05	9.41E-05	9.52E-05	1.70E-05	9.97E-05	3.99E-04
606132	4121660	9.86E-05	9.98E-05	1.01E-04	1.51E-05	1.32E-04	4.47E-04	Worker	6.06E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	9.86E-05	9.98E-05	1.01E-04	2.45E-05	1.22E-04	4.46E-04
606152	4121660	1.02E-04	1.03E-04	1.05E-04	1.76E-05	1.41E-04	4.69E-04	Worker	6.36E-09	1.54E-07	1.70E-07	1.88E-08	0.35	0.00	1.02E-04	1.03E-04	1.05E-04	2.87E-05	1.30E-04	4.69E-04
606172	4121660	1.07E-04	1.08E-04	1.10E-04	2.11E-05	1.52E-04	4.97E-04	Worker	6.73E-09	1.63E-07	1.80E-07	2.00E-08	0.37	0.00	1.07E-04	1.08E-04	1.10E-04	3.42E-05	1.39E-04	4.98E-04
606192	4121660	1.12E-04	1.13E-04	1.15E-04	2.54E-05	1.63E-04	5.28E-04	Worker	7.15E-09	1.73E-07	1.91E-07	2.12E-08	0.39	0.00	1.12E-04	1.13E-04	1.15E-04	4.13E-05	1.50E-04	5.30E-04
606212	4121660	1.17E-04	1.19E-04	1.21E-04	3.09E-05	1.75E-04	5.64E-04	Residence	7.64E-09	1.85E-07	2.04E-07	2.27E-08	0.42	0.00	1.17E-04	1.19E-04	1.21E-04	5.01E-05	1.61E-04	5.69E-04
606232	4121660	1.24E-04	1.26E-04	1.28E-04	3.73E-05	1.90E-04	6.06E-04	Residence	8.22E-09	1.99E-07	2.19E-07	2.44E-08	0.45	0.00	1.24E-04	1.26E-04	1.28E-04	6.06E-05	1.75E-04	6.14E-04
606252	4121660	1.35E-04	1.36E-04	1.39E-04	4.49E-05	2.06E-04	6.61E-04	Residence	8.96E-09	2.17E-07	2.39E-07	2.66E-08	0.49	0.00	1.35E-04	1.36E-04	1.39E-04	7.29E-05	1.90E-04	6.72E-04
606272	4121660	1.49E-04	1.51E-04	1.54E-04	5.36E-05	2.25E-04	7.31E-04	Residence	9.92E-09	2.40E-07	2.65E-07	2.94E-08	0.54	0.00	1.49E-04	1.51E-04	1.54E-04	8.71E-05	2.07E-04	7.47E-04
606292	4121660	1.68E-04	1.70E-04	1.74E-04	6.35E-05	2.45E-04	8.21E-04	Residence	1.11E-08	2.70E-07	2.97E-07	3.30E-08	0.61	0.00	1.68E-04	1.70E-04	1.74E-04	1.03E-04	2.26E-04	8.41E-04
606312	4121660	1.94E-04	1.97E-04	2.02E-04	7.39E-05	2.66E-04	9.33E-04	Residence	1.26E-08	3.06E-07	3.38E-07	3.75E-08	0.69	0.00	1.94E-04	1.97E-04	2.02E-04	1.20E-04	2.44E-04	9.58E-04
606372	4121660	3.30E-04	3.38E-04	3.51E-04	1.00E-04	3.11E-04	1.43E-03	Worker	1.94E-08	4.70E-07	5.18E-07	5.75E-08	1.06	0.00	3.30E-04	3.38E-04	3.51E-04	1.63E-04	2.86E-04	1.47E-03
606452	4121660	6.97E-04	7.26E-04	7.63E-04	1.05E-04	2.99E-04	2.59E-03	Worker	3.51E-08	8.51E-07	9.37E-07	1.04E-07	1.93	0.00	6.97E-04	7.26E-04	7.63E-04	1.70E-04	2.75E-04	2.63E-03
606492	4121660	9.10E-04	9.49E-04	9.91E-04	9.77E-05	2.73E-04	3.22E-03	Residence	4.37E-08	1.06E-06	1.17E-06	1.29E-07	2.40	0.00	9.10E-04	9.49E-04	9.91E-04	1.59E-04	2.51E-04	3.26E-03
606512	4121660	1.00E-03	1.04E-03	1.08E-03	9.34E-05	2.58E-04	3.47E-03	Residence	4.71E-08	1.14E-06	1.26E-06	1.40E-07	2.59	0.00	1.00E-03	1.04E-03	1.08E-03	1.52E-04	2.37E-04	3.51E-03
606532	4121660	1.07E-03	1.11E-03	1.15E-03	8.87E-05	2.42E-04	3.67E-03	Residence	4.97E-08	1.20E-06	1.33E-06	1.47E-07	2.73	0.00	1.07E-03	1.11E-03	1.15E-03	1.44E-04	2.23E-04	3.70E-03
606552	4121660	1.13E-03	1.16E-03	1.20E-03	8.40E-05	2.27E-04	3.80E-03	Residence	5.16E-08	1.25E-06	1.38E-06	1.53E-07	2.83	0.00	1.13E-03	1.16E-03	1.20E-03	1.36E-04	2.09E-04	3.84E-03
606572	4121660	1.16E-03	1.20E-03	1.23E-03	7.92E-05	2.12E-04	3.88E-03	Residence	5.26E-08	1.27E-06	1.40E-06	1.56E-07	2.89	0.00	1.16E-03	1.20E-03	1.23E-03	1.29E-04	1.95E-04	3.91E-03
606592	4121660	1.18E-03	1.21E-03	1.24E-03	7.44E-05	1.98E-04	3.91E-03	Residence	5.30E-08	1.28E-06	1.42E-06	1.57E-07	2.91	0.00	1.18E-03	1.21E-03	1.24E-03	1.21E-04	1.82E-04	3.94E-03
606612	4121660	1.19E-03	1.22E-03	1.24E-03	6.98E-05	1.84E-04	3.90E-03	Residence	5.29E-08	1.28E-06	1.41E-06	1.57E-07	2.90	0.00	1.19E-03	1.22E-03	1.24E-03	1.13E-04	1.69E-04	3.93E-03
606632	4121660	1.18E-03	1.20E-03	1.23E-03	6.52E-05	1.71E-04	3.85E-03	Residence	5.22E-08	1.26E-06	1.39E-06	1.55E-07	2.86	0.00	1.18E-03	1.20E-03	1.23E-03	1.06E-04	1.58E-04	3.87E-03
606652	4121660	1.16E-03	1.18E-03	1.20E-03	6.09E-05	1.59E-04	3.76E-03	Residence	5.10E-08	1.24E-06	1.36E-06	1.51E-07	2.80	0.00	1.16E-03	1.18E-03	1.20E-03	9.90E-05	1.46E-04	3.78E-03
606672	4121660	1.13E-03	1.15E-03	1.16E-03	5.68E-05	1.48E-04	3.65E-03	Residence	4.95E-08	1.20E-06	1.32E-06	1.47E-07	2.72	0.00	1.13E-03	1.15E-03	1.16E-03	9.23E-05	1.36E-04	3.68E-03
606692	4121660	1.10E-03	1.11E-03	1.12E-03	5.29E-05	1.38E-04	3.53E-03	Residence	4.78E-08	1.16E-06	1.28E-06	1.42E-07	2.62	0.00	1.10E-03	1.11E-03	1.12E-03	8.60E-05	1.27E-04	3.55E-03
606712	4121660	1.06E-03	1.07E-03	1.08E-03	4.93E-05	1.28E-04	3.39E-03	Residence	4.59E-08	1.11E-06	1.23E-06	1.36E-07	2.52	0.00	1.06E-03	1.07E-03	1.08E-03	8.01E-05	1.18E-04	3.41E-03
606732	4121660	1.02E-03	1.03E-03	1.03E-03	4.59E-05	1.19E-04	3.24E-03	Residence	4.39E-08	1.06E-06	1.17E-06	1.30E-07	2.41	0.00	1.02E-03	1.03E-03	1.03E-03	7.46E-05	1.10E-04	3.26E-03
606752	4121660	9.76E-04	9.80E-04	9.81E-04	4.28E-05	1.11E-04	3.09E-03	Residence	4.19E-08	1.02E-06	1.12E-06	1.24E-07	2.30	0.00	9.76E-04	9.80E-04	9.81E-04	6.96E-05	1.02E-04	3.11E-03
606772	4121660	9.35E-04	9.37E-04	9.35E-04	3.99E-05	1.04E-04	2.95E-03	Residence	4.00E-08	9.70E-07	1.07E-06	1.19E-07	2.20	0.00	9.35E-04	9.37E-04	9.35E-04	6.49E-05	9.57E-05	2.97E-03
606992	4121660	5.28E-04	5.23E-04	5.16E-04	1.97E-05	5.33E-05	1.64E-03	Residence	2.22E-08	5.39E-07	5.94E-07	6.59E-08	1.22	0.00	5.28E-04	5.23E-04	5.16E-04	3.20E-05	4.91E-05	1.65E-03
607012	4121660	5.03E-04	4.97E-04	4.90E-04	1.86E-05	5.06E-05	1.56E-03	Residence	2.11E-08	5.12E-07	5.64E-07	6.27E-08	1.16	0.00	5.03E-04	4.97E-04	4.90E-04	3.03E-05	4.66E-05	1.57E-03
607032	4121660	4.81E-04	4.75E-04	4.69E-04	1.76E-05	4.81E-05	1.49E-03	Residence	2.02E-08	4.90E-07	5.40E-07	5.99E-08	1.11	0.00	4.81E-04	4.75E-04	4.69E-04	2.87E-05	4.43E-05	1.50E-03
607052	4121660	4.60E-04	4.55E-04	4.49E-04	1.67E-05	4.58E-05	1.43E-03	Residence	1.93E-08	4.69E-07	5.16E-07	5.73E-08	1.06	0.00	4.60E-04	4.55E-04	4.49E-04	2.72E-05	4.21E-05	1.43E-03
605832	4121680	9.44E-05	9.57E-05	9.68E-05	6.42E-06	5.13E-05	3.45E-04	Residence	4.67E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	9.44E-05	9.57E-05	9.68E-05	1.04E-05	4.72E-05	3.45E-04
605852	4121680	9.52E-05	9.66E-05	9.79E-05	6.58E-06	5.47E-05	3.51E-04	Residence	4.76E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	9.52E-05	9.66E-05	9.79E-05	1.07E-05	5.03E-05	3.51E-04
605872	4121680	9.55E-05	9.69E-05	9.81E-05	6.75E-06	5.84E-05	3.56E-04	Residence	4.82E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	9.55E-05	9.69E-05	9.81E-05	1.10E-05	5.37E-05	3.55E-04

605892	4121680	9.45E-05	9.58E-05	9.68E-05	6.93E-06	6.24E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.27	0.00	9.45E-05	9.58E-05	9.68E-05	1.13E-05	5.74E-05	3.56E-04
605912	4121680	9.40E-05	9.52E-05	9.62E-05	7.12E-06	6.68E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	9.40E-05	9.52E-05	9.62E-05	1.16E-05	6.14E-05	3.59E-04
605932	4121680	9.39E-05	9.51E-05	9.61E-05	7.34E-06	7.16E-05	3.64E-04	Residence	4.94E-09	1.20E-07	1.32E-07	1.46E-08	0.27	0.00	9.39E-05	9.51E-05	9.61E-05	1.19E-05	6.59E-05	3.63E-04
605952	4121680	9.40E-05	9.52E-05	9.61E-05	7.61E-06	7.70E-05	3.70E-04	Residence	5.02E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	9.40E-05	9.52E-05	9.61E-05	1.24E-05	7.09E-05	3.68E-04
605972	4121680	9.41E-05	9.53E-05	9.62E-05	7.93E-06	8.29E-05	3.76E-04	Residence	5.10E-09	1.24E-07	1.36E-07	1.51E-08	0.28	0.00	9.41E-05	9.53E-05	9.62E-05	1.29E-05	7.63E-05	3.75E-04
605992	4121680	9.42E-05	9.53E-05	9.63E-05	8.33E-06	8.93E-05	3.83E-04	Residence	5.20E-09	1.26E-07	1.39E-07	1.54E-08	0.29	0.00	9.42E-05	9.53E-05	9.63E-05	1.35E-05	8.22E-05	3.81E-04
606012	4121680	9.43E-05	9.55E-05	9.66E-05	8.85E-06	9.63E-05	3.92E-04	Residence	5.31E-09	1.29E-07	1.42E-07	1.57E-08	0.29	0.00	9.43E-05	9.55E-05	9.66E-05	1.44E-05	8.86E-05	3.89E-04
606032	4121680	9.48E-05	9.59E-05	9.71E-05	9.52E-06	1.04E-04	4.01E-04	Residence	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	9.48E-05	9.59E-05	9.71E-05	1.55E-05	9.55E-05	3.99E-04
606052	4121680	9.56E-05	9.67E-05	9.79E-05	1.04E-05	1.12E-04	4.13E-04	Residence	5.60E-09	1.36E-07	1.49E-07	1.66E-08	0.31	0.00	9.56E-05	9.67E-05	9.79E-05	1.69E-05	1.03E-04	4.10E-04
606072	4121680	9.68E-05	9.80E-05	9.92E-05	1.15E-05	1.21E-04	4.26E-04	Residence	5.78E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	9.68E-05	9.80E-05	9.92E-05	1.86E-05	1.11E-04	4.24E-04
606232	4121680	1.32E-04	1.34E-04	1.37E-04	4.45E-05	2.23E-04	6.70E-04	Worker	9.09E-09	2.20E-07	2.43E-07	2.69E-08	0.50	0.00	1.32E-04	1.34E-04	1.37E-04	7.23E-05	2.06E-04	6.80E-04
606252	4121680	1.42E-04	1.45E-04	1.48E-04	5.43E-05	2.45E-04	7.34E-04	Worker	9.96E-09	2.41E-07	2.66E-07	2.95E-08	0.55	0.00	1.42E-04	1.45E-04	1.48E-04	8.82E-05	2.25E-04	7.49E-04
606272	4121680	1.58E-04	1.61E-04	1.64E-04	6.58E-05	2.70E-04	8.18E-04	Worker	1.11E-08	2.69E-07	2.96E-07	3.29E-08	0.61	0.00	1.58E-04	1.61E-04	1.64E-04	1.07E-04	2.48E-04	8.38E-04
606292	4121680	1.80E-04	1.83E-04	1.87E-04	7.85E-05	2.96E-04	9.24E-04	Worker	1.25E-08	3.03E-07	3.34E-07	3.71E-08	0.69	0.00	1.80E-04	1.83E-04	1.87E-04	1.28E-04	2.72E-04	9.49E-04
606372	4121680	3.63E-04	3.74E-04	3.89E-04	1.20E-04	3.65E-04	1.61E-03	Worker	2.18E-08	5.29E-07	5.83E-07	6.47E-08	1.20	0.00	3.63E-04	3.74E-04	3.89E-04	1.94E-04	3.36E-04	1.66E-03
606392	4121680	4.46E-04	4.62E-04	4.84E-04	1.23E-04	3.65E-04	1.88E-03	Worker	2.55E-08	6.18E-07	6.81E-07	7.56E-08	1.40	0.00	4.46E-04	4.62E-04	4.84E-04	2.00E-04	3.36E-04	1.93E-03
606432	4121680	6.68E-04	6.98E-04	7.36E-04	1.21E-04	3.47E-04	2.57E-03	Residence	3.48E-08	8.44E-07	9.30E-07	1.03E-07	1.91	0.00	6.68E-04	6.98E-04	7.36E-04	1.96E-04	3.19E-04	2.62E-03
606572	4121680	1.28E-03	1.32E-03	1.35E-03	8.30E-05	2.19E-04	4.25E-03	Residence	5.76E-08	1.39E-06	1.54E-06	1.71E-07	3.16	0.00	1.28E-03	1.32E-03	1.35E-03	1.35E-04	2.02E-04	4.28E-03
606592	4121680	1.28E-03	1.32E-03	1.35E-03	7.72E-05	2.03E-04	4.23E-03	Residence	5.74E-08	1.39E-06	1.53E-06	1.70E-07	3.15	0.00	1.28E-03	1.32E-03	1.35E-03	1.25E-04	1.87E-04	4.26E-03
606612	4121680	1.28E-03	1.30E-03	1.33E-03	7.17E-05	1.87E-04	4.17E-03	Residence	5.65E-08	1.37E-06	1.51E-06	1.67E-07	3.10	0.00	1.28E-03	1.30E-03	1.33E-03	1.16E-04	1.72E-04	4.19E-03
606632	4121680	1.25E-03	1.28E-03	1.29E-03	6.64E-05	1.73E-04	4.06E-03	Residence	5.51E-08	1.33E-06	1.47E-06	1.63E-07	3.02	0.00	1.25E-03	1.28E-03	1.29E-03	1.08E-04	1.59E-04	4.09E-03
606652	4121680	1.22E-03	1.24E-03	1.25E-03	6.15E-05	1.60E-04	3.93E-03	Residence	5.33E-08	1.29E-06	1.42E-06	1.58E-07	2.92	0.00	1.22E-03	1.24E-03	1.25E-03	1.00E-04	1.47E-04	3.96E-03
606672	4121680	1.18E-03	1.19E-03	1.20E-03	5.69E-05	1.48E-04	3.78E-03	Residence	5.12E-08	1.24E-06	1.37E-06	1.52E-07	2.81	0.00	1.18E-03	1.19E-03	1.20E-03	9.25E-05	1.36E-04	3.80E-03
606692	4121680	1.13E-03	1.14E-03	1.15E-03	5.27E-05	1.37E-04	3.61E-03	Residence	4.90E-08	1.19E-06	1.31E-06	1.45E-07	2.69	0.00	1.13E-03	1.14E-03	1.15E-03	8.57E-05	1.26E-04	3.63E-03
606712	4121680	1.08E-03	1.09E-03	1.09E-03	4.88E-05	1.27E-04	3.44E-03	Residence	4.66E-08	1.13E-06	1.24E-06	1.38E-07	2.56	0.00	1.08E-03	1.09E-03	1.09E-03	7.93E-05	1.17E-04	3.46E-03
606732	4121680	1.03E-03	1.03E-03	1.03E-03	4.52E-05	1.18E-04	3.26E-03	Residence	4.42E-08	1.07E-06	1.18E-06	1.31E-07	2.43	0.00	1.03E-03	1.03E-03	1.03E-03	7.35E-05	1.08E-04	3.28E-03
606752	4121680	9.81E-04	9.81E-04	9.77E-04	4.20E-05	1.10E-04	3.09E-03	Residence	4.19E-08	1.02E-06	1.12E-06	1.24E-07	2.30	0.00	9.81E-04	9.81E-04	9.77E-04	6.82E-05	1.01E-04	3.11E-03
606772	4121680	9.34E-04	9.32E-04	9.26E-04	3.90E-05	1.02E-04	2.93E-03	Residence	3.98E-08	9.64E-07	1.06E-06	1.18E-07	2.18	0.00	9.34E-04	9.32E-04	9.26E-04	6.34E-05	9.39E-05	2.95E-03
606992	4121680	5.08E-04	5.01E-04	4.93E-04	1.89E-05	5.18E-05	1.57E-03	Residence	2.13E-08	5.17E-07	5.69E-07	6.32E-08	1.17	0.00	5.08E-04	5.01E-04	4.93E-04	3.08E-05	4.76E-05	1.58E-03
607012	4121680	4.82E-04	4.76E-04	4.69E-04	1.79E-05	4.91E-05	1.49E-03	Residence	2.03E-08	4.91E-07	5.41E-07	6.01E-08	1.11	0.00	4.82E-04	4.76E-04	4.69E-04	2.91E-05	4.52E-05	1.50E-03
607032	4121680	4.61E-04	4.55E-04	4.48E-04	1.69E-05	4.67E-05	1.43E-03	Residence	1.94E-08	4.69E-07	5.17E-07	5.74E-08	1.06	0.00	4.61E-04	4.55E-04	4.48E-04	2.75E-05	4.30E-05	1.43E-03
607052	4121680	4.41E-04	4.35E-04	4.29E-04	1.60E-05	4.45E-05	1.37E-03	Residence	1.85E-08	4.49E-07	4.94E-07	5.49E-08	1.02	0.00	4.41E-04	4.35E-04	4.29E-04	2.61E-05	4.09E-05	1.37E-03
605632	4121700	8.80E-05	8.91E-05	9.00E-05	5.36E-06	3.06E-05	3.03E-04	Residence	4.11E-09	9.95E-08	1.10E-07	1.22E-08	0.23	0.00	8.80E-05	8.91E-05	9.00E-05	8.72E-06	2.81E-05	3.04E-04
605652	4121700	8.94E-05	9.05E-05	9.15E-05	5.53E-06	3.21E-05	3.09E-04	Residence	4.19E-09	1.01E-07	1.12E-07	1.24E-08	0.23	0.00	8.94E-05	9.05E-05	9.15E-05	8.99E-06	2.96E-05	3.10E-04
605672	4121700	9.04E-05	9.15E-05	9.26E-05	5.70E-06	3.38E-05	3.14E-04	Residence	4.26E-09	1.03E-07	1.14E-07	1.26E-08	0.23	0.00	9.04E-05	9.15E-05	9.26E-05	9.26E-06	3.11E-05	3.15E-04
605692	4121700	9.16E-05	9.27E-05	9.38E-05	5.87E-06	3.56E-05	3.20E-04	Residence	4.33E-09	1.05E-07	1.16E-07	1.28E-08	0.24	0.00	9.16E-05	9.27E-05	9.38E-05	9.55E-06	3.28E-05	3.20E-04
605712	4121700	9.26E-05	9.39E-05	9.50E-05	6.05E-06	3.76E-05	3.25E-04	Residence	4.41E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	9.26E-05	9.39E-05	9.50E-05	9.84E-06	3.46E-05	3.26E-04
605732	4121700	9.40E-05	9.53E-05	9.64E-05	6.24E-06	3.97E-05	3.32E-04	Residence	4.50E-09	1.09E-07	1.20E-07	1.33E-08	0.25	0.00	9.40E-05	9.53E-05	9.64E-05	1.01E-05	3.66E-05	3.32E-04
605752	4121700	9.49E-05	9.62E-05	9.73E-05	6.43E-06	4.21E-05	3.37E-04	Residence	4.57E-09	1.11E-07	1.22E-07	1.35E-08	0.25	0.00	9.49E-05	9.62E-05	9.73E-05	1.04E-05	3.87E-05	3.38E-04
605772	4121700	9.60E-05	9.74E-05	9.86E-05	6.62E-06	4.46E-05	3.43E-04	Residence	4.65E-09	1.13E-07	1.24E-07	1.38E-08	0.26	0.00	9.60E-05	9.74E-05	9.86E-05	1.08E-05	4.11E-05	3.44E-04
605792	4121700	9.69E-05	9.82E-05	9.94E-05	6.81E-06	4.74E-05	3.49E-04	Residence	4.73E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	9.69E-05	9.82E-05	9.94E-05	1.11E-05	4.36E-05	3.49E-04
605832	4121700	9.85E-05	9.99E-05	1.01E-04	7.21E-06	5.38E-05	3.61E-04	Residence	4.89E-09	1.18E-07	1.31E-07	1.45E-08	0.27	0.00	9.85E-05	9.99E-05	1.01E-04	1.17E-05	4.95E-05	3.61E-04
605852	4121700	9.96E-05	1.01E-04	1.02E-04	7.41E-06	5.76E-05	3.68E-04	Residence	4.99E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	9.96E-05	1.01E-04	1.02E-04	1.20E-05	5.30E-05	3.68E-04
605872	4121700	9.97E-05	1.01E-04	1.02E-04	7.62E-06	6.17E-05	3.73E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	9.97E-05	1.01E-04	1.02E-04	1.24E-05	5.67E-05	3.72E-04
605892	4121700	9.85E-05	9.98E-05	1.01E-04	7.84E-06	6.61E-05	3.73E-04	Residence	5.06E-09	1.23E-07	1.35E-07	1.50E-08	0.28	0.00	9.85E-05	9.98E-05	1.01E-04	1.27E-05	6.08E-05	3.73E-04
605912	4121700	9.77E-05	9.91E-05	1.00E-04	8.06E-06	7.11E-05	3.76E-04	Residence	5.10E-09	1.24E-07	1.36E-07	1.51E-08	0.28	0.00	9.77E-05	9.91E-05	1.00E-04	1.31E-05	6.54E-05	3.75E-04
605932	4121700	9.78E-05	9.91E-05	1.00E-04	8.31E-06	7.66E-05	3.82E-04	Residence	5.18E-09	1.25E-07	1.38E-07	1.54E-08	0.28	0.00	9.78E-05	9.91E-05	1.00E-04	1.35E-05	7.05E-05	3.81E-04
605952	4121700	9.75E-05	9.88E-05	9.99E-05	8.60E-06	8.27E-05	3.87E-04	Residence	5.26E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	9.75E-05	9.88E-05	9.99E-05	1.40E-05	7.61E-05	3.86E-04
605972	4121700	9.75E-05	9.88E-05	9.99E-05	8.93E-06	8.95E-05	3.95E-04	Residence	5.35E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	9.75E-05	9.88E-05	9.99E-05	1.45E-05	8.24E-05	3.93E-04
605992	4121700	9.75E-05	9.88E-05	9.99E-05	9.35E-06	9.71E-05	4.03E-04	Residence	5.46E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	9.75E-05	9.88E-05	9.99E-05	1.52E-05	8.93E-05	4.01E-04
606012	4121700	9.78E-05	9.90E-05	1.00E-04	9.88E-06	1.05E-04	4.12E-04	Residence	5.59E-09	1.35E-07	1.49E-07	1.66E-08	0.31	0.00	9.78E-05	9.90E-05	1.00E-04	1.61E-05	9.69E-05	4.10E-04
606032	4121700	9.85E-05	9.98E-05	1.01E-04	1.06E-05	1.14E-04	4.24E-04	Residence	5.75E-09	1.39E-07	1.54E-07	1.71E-08	0.32	0.00	9.85E-05	9.98E-05	1.01E-04	1.72E-05	1.05E-04	4.22E-04
606052	4121700	9.94E-05	1.01E-04	1.02E-04	1.15E-05	1.24E-04	4.38E-04	Residence	5.94E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	9.94E-05	1.01E-04	1.02E-04	1.87E-05	1.14E-04	4.35E-04
606072	4121700	1.01E-04	1.02E-04	1.04E-04	1.27E-05	1.35E-04	4.54E-04	Residence	6.16E-09	1.49E-07	1.64E-07	1.83E-08	0.34	0.00	1.01E-04	1.02E-04	1.04E-04	2.06E-05	1.24E-04	4.51E-04
606152	4121700	1.13E-04	1.15E-04	1.17E-04	2.24E-05	1.87E-04	5.53E-04	Worker	7.50E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.13E-04	1.15E-04	1.17E-04	3.64E-05	1.72E-04	5.52E-04
606172	4121700	1.18E-04	1.20E-04	1.23E-04	2.75E-05	2.03E-04	5.91E-04	Worker	8.01E-09	1.94E-07	2.14E-07	2.37E-08	0.44	0.00	1.18E-04	1.20E-04	1.23E-04	4.46E-05	1.86E-04	5.92E-04
606192	4121700	1.24E-04	1.26E-04	1.29E-04	3.42E-05	2.21E-04	6.33E-04	Worker	8.59E-09	2.08E-07	2.29E-07	2.55E-08	0.47	0.00	1.24E-04	1.26E-04	1.29E-04	5.56E-05	2.03E-04	6.37E-04
606212	4121700	1.31E-04	1.33E-04	1.36E-04	4.30E-05	2.42E-04	6.85E-04	Worker	9.29E-09	2.25E-07	2.48E-07	2.75E-08	0.51	0.00	1.31E-04	1.33E-04	1.36E-04	6.99E-05	2.23E-04	6.92E-04
606232	4121700	1.40E-04	1.42E-04	1.46E-04	5.39E-05	2.67E-04	7.48E-04	Worker	1.01E-08	2.46E-07	2.71E-07	3.01E-08	0.56	0.00	1.40E-04	1.42E-04	1.46E-04	8.75E-05	2.45E-04	7.61E-04
606252	4121700	1.51E-04	1.54E-04	1.58E-04	6.69E-05	2.95E-04	8.25E-04	Worker	1.12E-08	2.71E-07	2.99E-07	3.32E-08	0.61	0.00	1.51E-04	1.54E-04	1.58E-04	1.09E-04	2.72E-04	8.44E-04
606272	4121700	1.68E-04	1.71E-04	1.75E-04	8.20E-05	3.28E-04	9.24E-04	Worker	1.25E-08	3.03E-07	3.34E-07	3.71E-08	0.69	0.00	1.68E-04	1.71E-04	1.75E-04	1.33E-04	3.02E-04	9.49E-04
606292	4121700	1.91E-04	1.95E-04	2.00E-04	9.86E-05	3.62E-04	1.05E-03	Worker	1.42E-08	3.44E-07	3.79E-07	4.21E-08	0.78	0.00	1.91E-04	1.95E-04	2.00E-04	1.60E-04	3.33E-04	1.08E-03
606372	4121700	4.04E-04	4.19E-04	4.38E-04	1.43E-04	4.30E-04	1.83E-03	Worker	2.49E-08	6.03E-07	6.64E-07	7.37E-08	1.37	0.00	4.04E-04	4.19E-04	4.38E-04	2.32E-04	3.96E-04	1.89E-03
606392	4121700	5.06E-04	5.27E-04	5.55E-04	1.44E-04	4.23E-04	2.16E-03	Worker	2.92E-08	7.08E-07	7.80E-07	8.66E-08	1.60	0.00	5.06E-04	5.27E-04	5.55E-04	2.34E-04	3.89E-04	2.21E-03
606432	4121700	7.79E-04	8.19E-04	8.68E-04	1.37E-04	3.88E-04	2.99E-03	Residence	4.05E-08	9.82E-07	1.08E-06	1.20E-07	2.23	0.00	7.79E-04	8.19E-04	8.68E-04	2.23E-04	3.57E-04	3.04E-03
606472	4121700	1.08E-03	1.13E-03	1.19E-03	1.24E-04	3.40E-04	3.86E-03	Residence	5.24E-08	1.27E-06	1.40E-06	1.55E-07	2.88	0.00	1.08E-03	1.13E-03	1.19E-03	2.01E-04	3.13E-04	3.92E-03
606492	4121700	1.20E-03	1.25E-03	1.31E-03	1.16E-04	3.15E-04	4.20E-03	Residence	5.69E-08	1.38E-06	1.52E-06	1.69E-07	3.12	0.00	1.20E-03	1.25E-03	1.31E-03	1.89E-04	2.90E-04	4.24E-03
606512	4121700	1.29E-03	1.35E-03	1.40E-03	1.08E-04	2.90E-04	4.44E-03	Residence	6.02E-08	1.46E-06	1.61E-06	1.78E-07	3.30	0.00	1.29E-03	1.35E-03	1.40E-03	1.76E-04	2.67E-04	4.48E-03
606532	4121700	1.36E-03	1.41E-03	1.46E-03	1.01E-04	2.67E-04	4.59E-03	Residence	6.23E-08	1.51E-06	1.66E-06	1.85E-07	3.42	0.00	1.36E-03	1.41E-03	1.46E-03	1.63E-04	2.46E-04	4.63E-03
606692	4121700	1.15E-03	1.16E-03	1.15E-03	5.19E-05	1.35E-04	3.65E-03	Residence	4.95E-08	1.20E-06	1.32E-06	1.47E-07	2.72	0.00	1.15E-03	1.16E-03	1.15E-03	8.43E-05	1.24E-04	3.67E-03
606712	4121700	1.09E-03	1.09E-03	1.09E-03	4.78E-05	1.25E-04	3.45E-03	Residence	4.68E-08	1.13E-06	1.25E-06	1.39E-07	2.57	0.00	1.09E-03	1.09E-03	1.09E-03	7.77E-05	1.15E-04	3.47E-03
606732	4121700	1.03E-03	1.03E-03	1.02E-03	4.41E-05	1.15E-04	3.25E-03	Residence	4.41E-08	1.07E-06	1.18E-06	1.31E-07	2.42	0.00	1.03E-03	1.03E-03	1.02E-03	7.17E-05	1.06E-04	3.27E-03
606752	4121700	9.75E-04	9.70E-04	9.62E-04	4.08E-05	1.07E-04	3.05E-03	Residence	4.14E-08	1.00E-06	1.11E-06	1.23E-07	2.27	0.00	9.75E-04	9.70E-04	9.62E-04	6.63E-05	9.85E-05	3.07E-03
606772	4121700	9.20E-04	9.14E-04	9.04E-04	3.78E-05	9.95E-05	2.88E-03	Residence	3.90E-08	9.45E-07	1.04E-06	1.16E-07	2.14	0.00	9.20E-04	9.14E-04	9.04E-04	6.14E-05	9.15E-05	2.89E-03
606992	4121700	4.84E-04	4.77E-04	4.69E-04	1.81E-05	5.02E-05	1.50E-03	Residence	2.03E-08	4.92E-07	5.42E-07	6.02E-08	1.11	0.00	4.84E-04	4.77E-04	4.69E-04	2.94E-05	4.62E-05	1.51E-03
607012	4121700	4.59E-04	4.53E-04	4.45E-04	1.71E-05	4.76E-05	1.42E-03	Residence	1.93E-08	4.67E-07	5.15E-07	5.71E-08	1.06	0.00	4.59E-04	4.53E-04	4.45E-04	2.78E-05	4.38E-05	1.43E-03
607032	4121700	4.39E-04	4.32E-04	4.25E-04	1.62E-05	4.53E-05	1.36E-03	Residence	1.84E-08	4.46E-07	4.92E-07	5.46E-08	1.01	0.00	4.39E-04	4.32E-04	4.25E-04	2.63E-05	4.17E-05	1.36E-03
607052	4121700	4.21E-04	4.15E-04	4.08E-04	1.54E-05	4.31E-05	1.30E-03	Residence	1.77E-08	4.28E-07	4.71E-07	5.23E-08	0.97	0.00	4.21E-04	4.15E-04	4.08E-04	2.50E-05	3.97E-05	1.31E-03
605632	4121720	9.16E-05	9.28E-05	9.38E-05	5.80E-06	3.15E-05	3.16E-04	Residence	4.28E-09	1.04E-07	1.14E-07	1.27E-08	0.23	0.00	9.16E-05	9.28E-05	9.38E-05	9.42E-06	2.90E-05	3.17E-04
605652	4121720	9.29E-05	9.41E-05	9.52E-05	6.00E-06	3.31E-05	3.21E-04	Residence	4.36E-09	1.06E-07	1.16E-07	1.29E-08	0.24	0.00	9.29E-05	9.41E-05	9.52E-05	9.74E-06	3.05E-05	3.22E-04
605672	4121720	9.43E-05	9.56E-05	9.67E-05	6.20E-06	3.49E-05	3.28E-04	Residence	4.44E-09	1.08E-07	1.19E-07	1.32E-08	0.24	0.00	9.43E-05	9.56E-05	9.67E-05	1.01E-05	3.21E-05	3.29E-04
605692	4121720	9.59E-05	9.72E-05	9.83E-05	6.42E-06	3.69E-05	3.35E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.35E-08	0.25	0.00	9.59E-05	9.72E-05	9.83E-05	1.04E-05	3.39E-05	3.36E-04
605712	4121720	9.72E-05	9.85E-05	9.97E-05	6.64E-06	3.89E-05	3.41E-04	Residence	4.63E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	9.72E-05	9.85E-05	9.97E-05	1.08E-05	3.58E-05	3.42E-04

605732	4121720	9.84E-05	9.98E-05	1.01E-04	6.87E-06	4.12E-05	3.47E-04	Residence	4.71E-09	1.14E-07	1.26E-07	1.40E-08	0.26	0.00	9.84E-05	9.98E-05	1.01E-04	1.12E-05	3.79E-05	3.48E-04
605752	4121720	9.96E-05	1.01E-04	1.02E-04	7.10E-06	4.37E-05	3.54E-04	Residence	4.80E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	9.96E-05	1.01E-04	1.02E-04	1.15E-05	4.02E-05	3.55E-04
605772	4121720	1.01E-04	1.02E-04	1.04E-04	7.35E-06	4.65E-05	3.60E-04	Residence	4.89E-09	1.18E-07	1.30E-07	1.45E-08	0.27	0.00	1.01E-04	1.02E-04	1.04E-04	1.19E-05	4.28E-05	3.61E-04
605792	4121720	1.01E-04	1.03E-04	1.04E-04	7.60E-06	4.95E-05	3.65E-04	Residence	4.96E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	1.01E-04	1.03E-04	1.04E-04	1.23E-05	4.55E-05	3.66E-04
605832	4121720	1.03E-04	1.04E-04	1.06E-04	8.11E-06	5.65E-05	3.78E-04	Residence	5.12E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.03E-04	1.04E-04	1.06E-04	1.32E-05	5.20E-05	3.78E-04
605852	4121720	1.04E-04	1.06E-04	1.07E-04	8.38E-06	6.06E-05	3.86E-04	Residence	5.23E-09	1.27E-07	1.40E-07	1.55E-08	0.29	0.00	1.04E-04	1.06E-04	1.07E-04	1.36E-05	5.57E-05	3.86E-04
605872	4121720	1.04E-04	1.06E-04	1.07E-04	8.65E-06	6.51E-05	3.91E-04	Residence	5.30E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.04E-04	1.06E-04	1.07E-04	1.41E-05	5.99E-05	3.91E-04
605892	4121720	1.03E-04	1.04E-04	1.06E-04	8.93E-06	7.01E-05	3.92E-04	Residence	5.31E-09	1.29E-07	1.42E-07	1.57E-08	0.29	0.00	1.03E-04	1.04E-04	1.06E-04	1.45E-05	6.45E-05	3.92E-04
605912	4121720	1.03E-04	1.04E-04	1.06E-04	9.22E-06	7.57E-05	3.98E-04	Residence	5.40E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.03E-04	1.04E-04	1.06E-04	1.50E-05	6.97E-05	3.98E-04
605932	4121720	1.03E-04	1.05E-04	1.06E-04	9.52E-06	8.20E-05	4.05E-04	Residence	5.50E-09	1.33E-07	1.47E-07	1.63E-08	0.30	0.00	1.03E-04	1.05E-04	1.06E-04	1.55E-05	7.55E-05	4.05E-04
605952	4121720	1.03E-04	1.04E-04	1.06E-04	9.85E-06	8.90E-05	4.12E-04	Residence	5.58E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.03E-04	1.04E-04	1.06E-04	1.60E-05	8.19E-05	4.11E-04
605972	4121720	1.02E-04	1.04E-04	1.05E-04	1.02E-05	9.69E-05	4.19E-04	Residence	5.68E-09	1.38E-07	1.52E-07	1.68E-08	0.31	0.00	1.02E-04	1.04E-04	1.05E-04	1.66E-05	8.91E-05	4.18E-04
605992	4121720	1.02E-04	1.04E-04	1.05E-04	1.07E-05	1.06E-04	4.28E-04	Residence	5.80E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.02E-04	1.04E-04	1.05E-04	1.73E-05	9.72E-05	4.26E-04
606012	4121720	1.02E-04	1.04E-04	1.05E-04	1.12E-05	1.16E-04	4.39E-04	Residence	5.95E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.02E-04	1.04E-04	1.05E-04	1.82E-05	1.06E-04	4.36E-04
606032	4121720	1.03E-04	1.05E-04	1.06E-04	1.19E-05	1.26E-04	4.52E-04	Residence	6.13E-09	1.48E-07	1.64E-07	1.82E-08	0.34	0.00	1.03E-04	1.05E-04	1.06E-04	1.94E-05	1.16E-04	4.49E-04
606052	4121720	1.03E-04	1.05E-04	1.07E-04	1.29E-05	1.39E-04	4.67E-04	Residence	6.33E-09	1.53E-07	1.69E-07	1.88E-08	0.35	0.00	1.03E-04	1.05E-04	1.07E-04	2.09E-05	1.27E-04	4.64E-04
606072	4121720	1.05E-04	1.07E-04	1.08E-04	1.42E-05	1.52E-04	4.86E-04	Residence	6.59E-09	1.60E-07	1.76E-07	1.95E-08	0.36	0.00	1.05E-04	1.07E-04	1.08E-04	2.30E-05	1.40E-04	4.83E-04
606132	4121720	1.15E-04	1.17E-04	1.19E-04	2.13E-05	2.00E-04	5.71E-04	Worker	7.74E-09	1.87E-07	2.07E-07	2.29E-08	0.42	0.00	1.15E-04	1.17E-04	1.19E-04	3.45E-05	1.84E-04	5.68E-04
606152	4121720	1.19E-04	1.22E-04	1.24E-04	2.56E-05	2.18E-04	6.09E-04	Worker	8.26E-09	2.00E-07	2.20E-07	2.45E-08	0.45	0.00	1.19E-04	1.22E-04	1.24E-04	4.16E-05	2.01E-04	6.07E-04
606172	4121720	1.25E-04	1.28E-04	1.31E-04	3.18E-05	2.39E-04	6.55E-04	Worker	8.88E-09	2.15E-07	2.37E-07	2.63E-08	0.49	0.00	1.25E-04	1.28E-04	1.31E-04	5.18E-05	2.20E-04	6.56E-04
606192	4121720	1.32E-04	1.35E-04	1.38E-04	4.05E-05	2.63E-04	7.08E-04	Worker	9.61E-09	2.33E-07	2.56E-07	2.85E-08	0.53	0.00	1.32E-04	1.35E-04	1.38E-04	6.59E-05	2.42E-04	7.13E-04
606212	4121720	1.40E-04	1.43E-04	1.47E-04	5.21E-05	2.91E-04	7.73E-04	Worker	1.05E-08	2.54E-07	2.80E-07	3.11E-08	0.58	0.00	1.40E-04	1.43E-04	1.47E-04	8.47E-05	2.68E-04	7.82E-04
606232	4121720	1.50E-04	1.53E-04	1.58E-04	6.67E-05	3.25E-04	8.52E-04	Worker	1.16E-08	2.80E-07	3.08E-07	3.43E-08	0.63	0.00	1.50E-04	1.53E-04	1.58E-04	1.08E-04	2.99E-04	8.68E-04
606252	4121720	1.62E-04	1.67E-04	1.72E-04	8.44E-05	3.64E-04	9.49E-04	Worker	1.29E-08	3.12E-07	3.44E-07	3.81E-08	0.71	0.00	1.62E-04	1.67E-04	1.72E-04	1.37E-04	3.35E-04	9.73E-04
606272	4121720	1.80E-04	1.84E-04	1.90E-04	1.05E-04	4.08E-04	1.07E-03	Worker	1.45E-08	3.50E-07	3.86E-07	4.29E-08	0.79	0.00	1.80E-04	1.84E-04	1.90E-04	1.70E-04	3.75E-04	1.10E-03
606292	4121720	2.06E-04	2.11E-04	2.18E-04	1.26E-04	4.52E-04	1.21E-03	Worker	1.64E-08	3.98E-07	4.39E-07	4.87E-08	0.90	0.00	2.06E-04	2.11E-04	2.18E-04	2.05E-04	4.16E-04	1.25E-03
606372	4121720	4.59E-04	4.78E-04	5.04E-04	1.71E-04	5.07E-04	2.12E-03	Worker	2.88E-08	6.96E-07	7.67E-07	8.52E-08	1.58	0.00	4.59E-04	4.78E-04	5.04E-04	2.78E-04	4.67E-04	2.19E-03
606392	4121720	5.87E-04	6.15E-04	6.53E-04	1.69E-04	4.89E-04	2.51E-03	Worker	3.41E-08	8.25E-07	9.10E-07	1.01E-07	1.87	0.00	5.87E-04	6.15E-04	6.53E-04	2.75E-04	4.50E-04	2.58E-03
606432	4121720	9.24E-04	9.77E-04	1.04E-03	1.54E-04	4.29E-04	3.53E-03	Residence	4.78E-08	1.16E-06	1.28E-06	1.42E-07	2.62	0.00	9.24E-04	9.77E-04	1.04E-03	2.51E-04	3.95E-04	3.59E-03
606472	4121720	1.26E-03	1.33E-03	1.40E-03	1.35E-04	3.63E-04	4.48E-03	Residence	6.08E-08	1.47E-06	1.62E-06	1.80E-07	3.34	0.00	1.26E-03	1.33E-03	1.40E-03	2.19E-04	3.34E-04	4.54E-03
606492	4121720	1.38E-03	1.45E-03	1.51E-03	1.24E-04	3.31E-04	4.79E-03	Residence	6.50E-08	1.57E-06	1.74E-06	1.93E-07	3.57	0.00	1.38E-03	1.45E-03	1.51E-03	2.02E-04	3.05E-04	4.84E-03
606512	4121720	1.46E-03	1.52E-03	1.58E-03	1.14E-04	3.01E-04	4.98E-03	Residence	6.75E-08	1.63E-06	1.80E-06	2.00E-07	3.70	0.00	1.46E-03	1.52E-03	1.58E-03	1.85E-04	2.77E-04	5.02E-03
606532	4121720	1.51E-03	1.57E-03	1.61E-03	1.05E-04	2.74E-04	5.07E-03	Residence	6.88E-08	1.67E-06	1.84E-06	2.04E-07	3.78	0.00	1.51E-03	1.57E-03	1.61E-03	1.70E-04	2.52E-04	5.12E-03
606552	4121720	1.52E-03	1.57E-03	1.60E-03	9.54E-05	2.49E-04	5.04E-03	Residence	6.83E-08	1.65E-06	1.82E-06	2.02E-07	3.75	0.00	1.52E-03	1.57E-03	1.60E-03	1.55E-04	2.29E-04	5.08E-03
606572	4121720	1.50E-03	1.54E-03	1.56E-03	8.69E-05	2.26E-04	4.92E-03	Residence	6.67E-08	1.62E-06	1.78E-06	1.98E-07	3.66	0.00	1.50E-03	1.54E-03	1.56E-03	1.41E-04	2.08E-04	4.95E-03
606592	4121720	1.47E-03	1.49E-03	1.51E-03	7.92E-05	2.05E-04	4.76E-03	Residence	6.45E-08	1.56E-06	1.72E-06	1.91E-07	3.54	0.00	1.47E-03	1.49E-03	1.51E-03	1.29E-04	1.89E-04	4.79E-03
606612	4121720	1.42E-03	1.44E-03	1.45E-03	7.23E-05	1.87E-04	4.57E-03	Residence	6.20E-08	1.50E-06	1.66E-06	1.84E-07	3.40	0.00	1.42E-03	1.44E-03	1.45E-03	1.17E-04	1.72E-04	4.60E-03
606632	4121720	1.36E-03	1.37E-03	1.37E-03	6.59E-05	1.71E-04	4.35E-03	Residence	5.89E-08	1.43E-06	1.57E-06	1.75E-07	3.23	0.00	1.36E-03	1.37E-03	1.37E-03	1.07E-04	1.57E-04	4.37E-03
606652	4121720	1.29E-03	1.30E-03	1.29E-03	6.02E-05	1.56E-04	4.10E-03	Residence	5.56E-08	1.35E-06	1.48E-06	1.65E-07	3.05	0.00	1.29E-03	1.30E-03	1.29E-03	9.78E-05	1.44E-04	4.13E-03
606672	4121720	1.22E-03	1.22E-03	1.22E-03	5.50E-05	1.43E-04	3.86E-03	Residence	5.23E-08	1.27E-06	1.40E-06	1.55E-07	2.87	0.00	1.22E-03	1.22E-03	1.22E-03	8.94E-05	1.32E-04	3.88E-03
606692	4121720	1.15E-03	1.15E-03	1.14E-03	5.04E-05	1.32E-04	3.63E-03	Residence	4.92E-08	1.19E-06	1.31E-06	1.46E-07	2.70	0.00	1.15E-03	1.15E-03	1.14E-03	8.19E-05	1.21E-04	3.65E-03
606712	4121720	1.08E-03	1.08E-03	1.07E-03	4.63E-05	1.21E-04	3.40E-03	Residence	4.61E-08	1.12E-06	1.23E-06	1.37E-07	2.53	0.00	1.08E-03	1.08E-03	1.07E-03	7.52E-05	1.12E-04	3.42E-03
606732	4121720	1.02E-03	1.01E-03	9.96E-04	4.25E-05	1.12E-04	3.18E-03	Residence	4.31E-08	1.04E-06	1.15E-06	1.28E-07	2.36	0.00	1.02E-03	1.01E-03	9.96E-04	6.91E-05	1.03E-04	3.19E-03
606752	4121720	9.53E-04	9.43E-04	9.30E-04	3.92E-05	1.04E-04	2.97E-03	Residence	4.03E-08	9.75E-07	1.07E-06	1.19E-07	2.21	0.00	9.53E-04	9.43E-04	9.30E-04	6.37E-05	9.55E-05	2.99E-03
606772	4121720	8.94E-04	8.83E-04	8.70E-04	3.62E-05	9.64E-05	2.78E-03	Residence	3.77E-08	9.13E-07	1.01E-06	1.12E-07	2.07	0.00	8.94E-04	8.83E-04	8.70E-04	5.89E-05	8.87E-05	2.79E-03
606992	4121720	4.59E-04	4.51E-04	4.43E-04	1.73E-05	4.85E-05	1.42E-03	Residence	1.92E-08	4.66E-07	5.14E-07	5.70E-08	1.06	0.00	4.59E-04	4.51E-04	4.43E-04	2.81E-05	4.46E-05	1.43E-03
607012	4121720	4.37E-04	4.29E-04	4.22E-04	1.63E-05	4.61E-05	1.35E-03	Residence	1.83E-08	4.44E-07	4.89E-07	5.43E-08	1.00	0.00	4.37E-04	4.29E-04	4.22E-04	2.66E-05	4.24E-05	1.36E-03
607032	4121720	4.18E-04	4.11E-04	4.04E-04	1.55E-05	4.38E-05	1.29E-03	Residence	1.75E-08	4.24E-07	4.68E-07	5.19E-08	0.96	0.00	4.18E-04	4.11E-04	4.04E-04	2.52E-05	4.03E-05	1.30E-03
607052	4121720	3.99E-04	3.93E-04	3.86E-04	1.47E-05	4.18E-05	1.23E-03	Residence	1.67E-08	4.06E-07	4.47E-07	4.96E-08	0.92	0.00	3.99E-04	3.93E-04	3.86E-04	2.39E-05	3.84E-05	1.24E-03
605632	4121740	9.49E-05	9.61E-05	9.73E-05	6.26E-06	3.25E-05	3.27E-04	Residence	4.44E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	9.49E-05	9.61E-05	9.73E-05	1.02E-05	2.99E-05	3.28E-04
605652	4121740	9.62E-05	9.75E-05	9.86E-05	6.49E-06	3.42E-05	3.33E-04	Residence	4.51E-09	1.09E-07	1.21E-07	1.34E-08	0.25	0.00	9.62E-05	9.75E-05	9.86E-05	1.05E-05	3.14E-05	3.34E-04
605672	4121740	9.80E-05	9.93E-05	1.00E-04	6.74E-06	3.61E-05	3.41E-04	Residence	4.62E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	9.80E-05	9.93E-05	1.00E-04	1.09E-05	3.32E-05	3.42E-04
605692	4121740	9.99E-05	1.01E-04	1.03E-04	7.00E-06	3.81E-05	3.49E-04	Residence	4.73E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	9.99E-05	1.01E-04	1.03E-04	1.14E-05	3.51E-05	3.50E-04
605712	4121740	1.01E-04	1.03E-04	1.04E-04	7.27E-06	4.03E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	1.01E-04	1.03E-04	1.04E-04	1.18E-05	3.71E-05	3.57E-04
605732	4121740	1.02E-04	1.04E-04	1.05E-04	7.55E-06	4.28E-05	3.61E-04	Residence	4.90E-09	1.19E-07	1.31E-07	1.45E-08	0.27	0.00	1.02E-04	1.04E-04	1.05E-04	1.23E-05	3.93E-05	3.62E-04
605752	4121740	1.04E-04	1.05E-04	1.06E-04	7.84E-06	4.54E-05	3.68E-04	Residence	5.00E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	1.04E-04	1.05E-04	1.06E-04	1.27E-05	4.18E-05	3.70E-04
605772	4121740	1.05E-04	1.07E-04	1.08E-04	8.15E-06	4.84E-05	3.77E-04	Residence	5.12E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.05E-04	1.07E-04	1.08E-04	1.32E-05	4.45E-05	3.79E-04
605792	4121740	1.06E-04	1.08E-04	1.09E-04	8.47E-06	5.16E-05	3.83E-04	Residence	5.19E-09	1.26E-07	1.39E-07	1.54E-08	0.28	0.00	1.06E-04	1.08E-04	1.09E-04	1.38E-05	4.75E-05	3.84E-04
605832	4121740	1.08E-04	1.09E-04	1.11E-04	9.15E-06	5.92E-05	3.96E-04	Residence	5.37E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.08E-04	1.09E-04	1.11E-04	1.49E-05	5.45E-05	3.97E-04
605852	4121740	1.09E-04	1.11E-04	1.12E-04	9.50E-06	6.37E-05	4.05E-04	Residence	5.49E-09	1.33E-07	1.47E-07	1.63E-08	0.30	0.00	1.09E-04	1.11E-04	1.12E-04	1.54E-05	5.86E-05	4.06E-04
605872	4121740	1.09E-04	1.11E-04	1.12E-04	9.86E-06	6.87E-05	4.10E-04	Residence	5.56E-09	1.35E-07	1.48E-07	1.65E-08	0.31	0.00	1.09E-04	1.11E-04	1.12E-04	1.60E-05	6.32E-05	4.11E-04
605892	4121740	1.07E-04	1.09E-04	1.10E-04	1.02E-05	7.42E-05	4.11E-04	Residence	5.58E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.07E-04	1.09E-04	1.10E-04	1.66E-05	6.83E-05	4.12E-04
605912	4121740	1.07E-04	1.09E-04	1.10E-04	1.06E-05	8.05E-05	4.18E-04	Residence	5.67E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.07E-04	1.09E-04	1.10E-04	1.73E-05	7.41E-05	4.18E-04
605932	4121740	1.08E-04	1.10E-04	1.11E-04	1.10E-05	8.77E-05	4.27E-04	Residence	5.80E-09	1.40E-07	1.55E-07	1.72E-08	0.32	0.00	1.08E-04	1.10E-04	1.11E-04	1.79E-05	8.07E-05	4.27E-04
605952	4121740	1.08E-04	1.09E-04	1.11E-04	1.14E-05	9.57E-05	4.35E-04	Residence	5.90E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.08E-04	1.09E-04	1.11E-04	1.86E-05	8.81E-05	4.34E-04
605972	4121740	1.07E-04	1.09E-04	1.11E-04	1.19E-05	1.05E-04	4.44E-04	Worker	6.02E-09	1.46E-07	1.61E-07	1.78E-08	0.33	0.00	1.07E-04	1.09E-04	1.11E-04	1.93E-05	9.64E-05	4.43E-04
605992	4121740	1.07E-04	1.09E-04	1.11E-04	1.24E-05	1.15E-04	4.54E-04	Worker	6.16E-09	1.49E-07	1.64E-07	1.83E-08	0.34	0.00	1.07E-04	1.09E-04	1.11E-04	2.01E-05	1.06E-04	4.53E-04
606012	4121740	1.07E-04	1.09E-04	1.11E-04	1.30E-05	1.27E-04	4.67E-04	Worker	6.34E-09	1.53E-07	1.69E-07	1.88E-08	0.35	0.00	1.07E-04	1.09E-04	1.11E-04	2.11E-05	1.17E-04	4.65E-04
606032	4121740	1.08E-04	1.10E-04	1.11E-04	1.37E-05	1.40E-04	4.83E-04	Worker	6.55E-09	1.59E-07	1.75E-07	1.94E-08	0.36	0.00	1.08E-04	1.10E-04	1.11E-04	2.23E-05	1.29E-04	4.80E-04
606052	4121740	1.09E-04	1.11E-04	1.13E-04	1.47E-05	1.55E-04	5.02E-04	Worker	6.81E-09	1.65E-07	1.82E-07	2.02E-08	0.37	0.00	1.09E-04	1.11E-04	1.13E-04	2.39E-05	1.43E-04	4.99E-04
606072	4121740	1.10E-04	1.12E-04	1.14E-04	1.61E-05	1.72E-04	5.25E-04	Worker	7.12E-09	1.73E-07	1.90E-07	2.11E-08	0.39	0.00	1.10E-04	1.12E-04	1.14E-04	2.62E-05	1.58E-04	5.21E-04
606392	4121740	6.97E-04	7.37E-04	7.90E-04	1.97E-04	5.59E-04	2.98E-03	Worker	4.04E-08	9.79E-07	1.08E-06	1.20E-07	2.22	0.00	6.97E-04	7.37E-04	7.90E-04	3.20E-04	5.14E-04	3.06E-03
606432	4121740	1.12E-03	1.19E-03	1.27E-03	1.72E-04	4.68E-04	4.21E-03	Residence	5.72E-08	1.38E-06	1.53E-06	1.69E-07	3.14	0.00	1.12E-03	1.19E-03	1.27E-03	2.79E-04	4.31E-04	4.28E-03
606472	4121740	1.48E-03	1.56E-03	1.64E-03	1.44E-04	3.82E-04	5.21E-03	Residence	7.07E-08	1.71E-06	1.89E-06	2.09E-07	3.88	0.00	1.48E-03	1.56E-03	1.64E-03	2.34E-04	3.51E-04	5.27E-03
606492	4121740	1.59E-03	1.66E-03	1.73E-03	1.30E-04	3.42E-04	5.46E-03	Residence	7.40E-08	1.79E-06	1.98E-06	2.19E-07	4.06	0.00	1.59E-03	1.66E-03	1.73E-03	2.12E-04	3.15E-04	5.51E-03
606512	4121740	1.65E-03	1.71E-03	1.77E-03	1.18E-04	3.07E-04	5.56E-03	Residence	7.54E-08	1.83E-06	2.01E-06	2.23E-07	4.14	0.00	1.65E-03	1.71E-03	1.77E-03	1.92E-04	2.83E-04	5.61E-03
606532	4121740	1.67E-03	1.72E-03	1.76E-03	1.07E-04	2.76E-04	5.54E-03	Residence	7.52E-08	1.82E-06	2.01E-06	2.23E-07	4.12	0.00	1.67E-03	1.72E-03	1.76E-03	1.73E-04	2.54E-04	5.59E-03
606552	4121740	1.65E-03	1.69E-03	1.71E-03	9.60E-05	2.48E-04	5.39E-03	Residence	7.31E-08	1.77E-06	1.95E-06	2.17E-07	4.01	0.00	1.65E-03	1.69E-03	1.71E-03	1.56E-04	2.29E-04	5.43E-03
606572	4121740	1.59E-03	1.62E-03	1.63E-03	8.64E-05	2.24E-04	5.16E-03	Residence	6.99E-08	1.69E-06	1.87E-06	2.07E-07	3.84	0.00	1.59E-03	1.62E-03	1.63E-03	1.40E-04	2.06E-04	5.19E-03
606592	4121740	1.53E-03	1.54E-03	1.55E-03	7.81E-05	2.02E-04	4.90E-03	Residence	6.64E-08	1.61E-06	1.77E-06	1.97E-07	3.65	0.00	1.53E-03	1.54E-03	1.55E-03	1.27E-04	1.86E-04	4.93E-03
606612	4121740	1.46E-03	1.46E-03	1.46E-03	7.07E-05	1.83E-04	4.64E-03	Residence	6.29E-08	1.52E-06	1.68E-06	1.86E-07	3.45	0.00	1.46E-03	1.46E-03	1.46E-03	1.15E-04	1.69E-04	4.67E-03
606632	4121740	1.37E-03	1.37E-03	1.36E-03	6.40E-05	1.67E-04	4.34E-03	Residence	5.88E-08	1.42E-06	1.57E-06	1.74E-07	3.23	0.00	1.37E-03	1.37E-03	1.36E-03	1.04E-04	1.53E-04	4.36E-03
606652	4121740	1.28E-03	1.28E-03	1.27E-03	5.81E-05	1.52E-04	4.04E-03	Residence	5.47E-08	1.33E-06	1.46E-06	1.62E-07	3.00	0.00	1.28E-03	1.28E-03	1.27E-03	9.44E-05	1.40E-04	4.06E-03

606672	4121740	1.20E-03	1.19E-03	1.17E-03	5.28E-05	1.39E-04	3.75E-03	Residence	5.09E-08	1.23E-06	1.36E-06	1.51E-07	2.79	0.00	1.20E-03	1.19E-03	1.17E-03	8.59E-05	1.28E-04	3.77E-03
606692	4121740	1.12E-03	1.11E-03	1.10E-03	4.83E-05	1.27E-04	3.51E-03	Residence	4.76E-08	1.15E-06	1.27E-06	1.41E-07	2.61	0.00	1.12E-03	1.11E-03	1.10E-03	7.85E-05	1.17E-04	3.53E-03
606712	4121740	1.05E-03	1.03E-03	1.02E-03	4.42E-05	1.17E-04	3.26E-03	Residence	4.42E-08	1.07E-06	1.18E-06	1.31E-07	2.42	0.00	1.05E-03	1.03E-03	1.02E-03	7.18E-05	1.08E-04	3.28E-03
606732	4121740	9.72E-04	9.58E-04	9.40E-04	4.05E-05	1.08E-04	3.02E-03	Residence	4.09E-08	9.92E-07	1.09E-06	1.21E-07	2.25	0.00	9.72E-04	9.58E-04	9.40E-04	6.58E-05	9.93E-05	3.04E-03
606752	4121740	9.05E-04	8.90E-04	8.73E-04	3.73E-05	9.98E-05	2.81E-03	Residence	3.80E-08	9.21E-07	1.02E-06	1.13E-07	2.09	0.00	9.05E-04	8.90E-04	8.73E-04	6.06E-05	9.19E-05	2.82E-03
606772	4121740	8.51E-04	8.37E-04	8.20E-04	3.44E-05	9.28E-05	2.63E-03	Residence	3.57E-08	8.66E-07	9.54E-07	1.06E-07	1.96	0.00	8.51E-04	8.37E-04	8.20E-04	5.60E-05	8.53E-05	2.65E-03
606792	4121740	7.92E-04	7.78E-04	7.62E-04	3.18E-05	8.62E-05	2.45E-03	Residence	3.32E-08	8.05E-07	8.87E-07	9.85E-08	1.82	0.00	7.92E-04	7.78E-04	7.62E-04	5.17E-05	7.93E-05	2.46E-03
606812	4121740	7.38E-04	7.24E-04	7.09E-04	2.95E-05	8.03E-05	2.28E-03	Residence	3.09E-08	7.49E-07	8.26E-07	9.17E-08	1.70	0.00	7.38E-04	7.24E-04	7.09E-04	4.79E-05	7.39E-05	2.29E-03
606832	4121740	6.91E-04	6.78E-04	6.63E-04	2.74E-05	7.50E-05	2.13E-03	Residence	2.89E-08	7.01E-07	7.73E-07	8.58E-08	1.59	0.00	6.91E-04	6.78E-04	6.63E-04	4.45E-05	6.90E-05	2.15E-03
606852	4121740	6.47E-04	6.34E-04	6.21E-04	2.55E-05	7.03E-05	2.00E-03	Residence	2.71E-08	6.56E-07	7.23E-07	8.03E-08	1.49	0.00	6.47E-04	6.34E-04	6.21E-04	4.15E-05	6.46E-05	2.01E-03
606872	4121740	6.08E-04	5.97E-04	5.84E-04	2.38E-05	6.60E-05	1.88E-03	Residence	2.55E-08	6.17E-07	6.80E-07	7.55E-08	1.40	0.00	6.08E-04	5.97E-04	5.84E-04	3.87E-05	6.07E-05	1.89E-03
606892	4121740	5.72E-04	5.61E-04	5.50E-04	2.23E-05	6.20E-05	1.77E-03	Residence	2.40E-08	5.81E-07	6.40E-07	7.10E-08	1.32	0.00	5.72E-04	5.61E-04	5.50E-04	3.62E-05	5.71E-05	1.78E-03
606912	4121740	5.40E-04	5.29E-04	5.18E-04	2.09E-05	5.84E-05	1.67E-03	Residence	2.26E-08	5.47E-07	6.03E-07	6.70E-08	1.24	0.00	5.40E-04	5.29E-04	5.18E-04	3.40E-05	5.38E-05	1.67E-03
606932	4121740	5.10E-04	5.00E-04	4.90E-04	1.97E-05	5.52E-05	1.57E-03	Residence	2.14E-08	5.17E-07	5.70E-07	6.33E-08	1.17	0.00	5.10E-04	5.00E-04	4.90E-04	3.19E-05	5.07E-05	1.58E-03
606952	4121740	4.82E-04	4.73E-04	4.64E-04	1.85E-05	5.22E-05	1.49E-03	Residence	2.02E-08	4.90E-07	5.40E-07	5.99E-08	1.11	0.00	4.82E-04	4.73E-04	4.64E-04	3.01E-05	4.80E-05	1.50E-03
606992	4121740	4.36E-04	4.28E-04	4.20E-04	1.65E-05	4.69E-05	1.35E-03	Residence	1.83E-08	4.42E-07	4.88E-07	5.41E-08	1.00	0.00	4.36E-04	4.28E-04	4.20E-04	2.68E-05	4.31E-05	1.35E-03
607012	4121740	4.15E-04	4.07E-04	4.00E-04	1.56E-05	4.46E-05	1.28E-03	Residence	1.74E-08	4.21E-07	4.64E-07	5.15E-08	0.95	0.00	4.15E-04	4.07E-04	4.00E-04	2.53E-05	4.10E-05	1.29E-03
607032	4121740	3.95E-04	3.88E-04	3.81E-04	1.48E-05	4.24E-05	1.22E-03	Residence	1.66E-08	4.01E-07	4.42E-07	4.91E-08	0.91	0.00	3.95E-04	3.88E-04	3.81E-04	2.40E-05	3.90E-05	1.23E-03
607052	4121740	3.77E-04	3.70E-04	3.64E-04	1.40E-05	4.04E-05	1.17E-03	Residence	1.58E-08	3.83E-07	4.22E-07	4.68E-08	0.87	0.00	3.77E-04	3.70E-04	3.64E-04	2.28E-05	3.72E-05	1.17E-03
605632	4121760	9.89E-05	1.00E-04	1.01E-04	6.75E-06	3.35E-05	3.41E-04	Residence	4.62E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	9.89E-05	1.00E-04	1.01E-04	1.10E-05	3.08E-05	3.42E-04
605672	4121760	1.02E-04	1.03E-04	1.04E-04	7.31E-06	3.73E-05	3.54E-04	Residence	4.80E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.02E-04	1.03E-04	1.04E-04	1.19E-05	3.43E-05	3.55E-04
605692	4121760	1.04E-04	1.06E-04	1.07E-04	7.62E-06	3.95E-05	3.64E-04	Residence	4.94E-09	1.20E-07	1.32E-07	1.46E-08	0.27	0.00	1.04E-04	1.06E-04	1.07E-04	1.24E-05	3.63E-05	3.66E-04
605712	4121760	1.06E-04	1.07E-04	1.09E-04	7.94E-06	4.18E-05	3.71E-04	Residence	5.04E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.06E-04	1.07E-04	1.09E-04	1.29E-05	3.85E-05	3.73E-04
605752	4121760	1.08E-04	1.10E-04	1.11E-04	8.65E-06	4.72E-05	3.85E-04	Residence	5.22E-09	1.26E-07	1.39E-07	1.55E-08	0.29	0.00	1.08E-04	1.10E-04	1.11E-04	1.41E-05	4.35E-05	3.87E-04
605772	4121760	1.10E-04	1.12E-04	1.14E-04	9.03E-06	5.04E-05	3.96E-04	Residence	5.37E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.10E-04	1.12E-04	1.14E-04	1.47E-05	4.64E-05	3.98E-04
605792	4121760	1.11E-04	1.13E-04	1.14E-04	9.44E-06	5.39E-05	4.02E-04	Residence	5.45E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.11E-04	1.13E-04	1.14E-04	1.53E-05	4.96E-05	4.03E-04
605832	4121760	1.13E-04	1.15E-04	1.16E-04	1.03E-05	6.21E-05	4.17E-04	Residence	5.65E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.13E-04	1.15E-04	1.16E-04	1.67E-05	5.71E-05	4.18E-04
605852	4121760	1.14E-04	1.16E-04	1.18E-04	1.08E-05	6.70E-05	4.26E-04	Residence	5.78E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.14E-04	1.16E-04	1.18E-04	1.75E-05	6.16E-05	4.27E-04
605872	4121760	1.14E-04	1.16E-04	1.17E-04	1.13E-05	7.25E-05	4.30E-04	Residence	5.83E-09	1.41E-07	1.56E-07	1.73E-08	0.32	0.00	1.14E-04	1.16E-04	1.17E-04	1.83E-05	6.67E-05	4.31E-04
605892	4121760	1.12E-04	1.14E-04	1.15E-04	1.18E-05	7.85E-05	4.31E-04	Residence	5.85E-09	1.42E-07	1.56E-07	1.73E-08	0.32	0.00	1.12E-04	1.14E-04	1.15E-04	1.91E-05	7.22E-05	4.32E-04
605912	4121760	1.12E-04	1.13E-04	1.15E-04	1.23E-05	8.55E-05	4.38E-04	Residence	5.94E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.12E-04	1.13E-04	1.15E-04	2.00E-05	7.87E-05	4.39E-04
605932	4121760	1.12E-04	1.14E-04	1.16E-04	1.28E-05	9.36E-05	4.49E-04	Residence	6.08E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.12E-04	1.14E-04	1.16E-04	2.09E-05	8.62E-05	4.49E-04
605952	4121760	1.12E-04	1.14E-04	1.16E-04	1.34E-05	1.03E-04	4.58E-04	Residence	6.21E-09	1.51E-07	1.66E-07	1.84E-08	0.34	0.00	1.12E-04	1.14E-04	1.16E-04	2.18E-05	9.46E-05	4.58E-04
605972	4121760	1.13E-04	1.15E-04	1.16E-04	1.40E-05	1.13E-04	4.71E-04	Worker	6.39E-09	1.55E-07	1.70E-07	1.89E-08	0.35	0.00	1.13E-04	1.15E-04	1.16E-04	2.27E-05	1.04E-04	4.71E-04
605992	4121760	1.13E-04	1.15E-04	1.16E-04	1.46E-05	1.26E-04	4.84E-04	Worker	6.56E-09	1.59E-07	1.75E-07	1.94E-08	0.36	0.00	1.13E-04	1.15E-04	1.16E-04	2.38E-05	1.16E-04	4.83E-04
606012	4121760	1.13E-04	1.15E-04	1.17E-04	1.53E-05	1.40E-04	4.99E-04	Worker	6.77E-09	1.64E-07	1.81E-07	2.01E-08	0.37	0.00	1.13E-04	1.15E-04	1.17E-04	2.49E-05	1.28E-04	4.98E-04
606032	4121760	1.14E-04	1.16E-04	1.18E-04	1.62E-05	1.56E-04	5.19E-04	Worker	7.04E-09	1.70E-07	1.88E-07	2.09E-08	0.39	0.00	1.14E-04	1.16E-04	1.18E-04	2.63E-05	1.43E-04	5.16E-04
606052	4121760	1.15E-04	1.17E-04	1.19E-04	1.73E-05	1.74E-04	5.43E-04	Worker	7.36E-09	1.78E-07	1.96E-07	2.18E-08	0.40	0.00	1.15E-04	1.17E-04	1.19E-04	2.80E-05	1.60E-04	5.39E-04
606072	4121760	1.17E-04	1.19E-04	1.21E-04	1.87E-05	1.96E-04	5.72E-04	Worker	7.76E-09	1.88E-07	2.07E-07	2.30E-08	0.43	0.00	1.17E-04	1.19E-04	1.21E-04	3.04E-05	1.80E-04	5.68E-04
606372	4121760	6.35E-04	6.72E-04	7.21E-04	2.44E-04	6.92E-04	2.96E-03	Worker	4.02E-08	9.74E-07	1.07E-06	1.19E-07	2.21	0.00	6.35E-04	6.72E-04	7.21E-04	3.96E-04	6.36E-04	3.06E-03
606432	4121760	1.37E-03	1.47E-03	1.57E-03	1.87E-04	5.00E-04	5.10E-03	Residence	6.91E-08	1.67E-06	1.85E-06	2.05E-07	3.79	0.00	1.37E-03	1.47E-03	1.57E-03	3.04E-04	4.60E-04	5.17E-03
606472	4121760	1.74E-03	1.83E-03	1.92E-03	1.50E-04	3.92E-04	6.03E-03	Residence	8.18E-08	1.98E-06	2.18E-06	2.42E-07	4.49	0.00	1.74E-03	1.83E-03	1.92E-03	2.44E-04	3.60E-04	6.09E-03
606492	4121760	1.82E-03	1.89E-03	1.96E-03	1.34E-04	3.46E-04	6.15E-03	Residence	8.34E-08	2.02E-06	2.23E-06	2.47E-07	4.58	0.00	1.82E-03	1.89E-03	1.96E-03	2.17E-04	3.19E-04	6.21E-03
606512	4121760	1.84E-03	1.90E-03	1.94E-03	1.19E-04	3.07E-04	6.10E-03	Residence	8.27E-08	2.00E-06	2.21E-06	2.45E-07	4.54	0.00	1.84E-03	1.90E-03	1.94E-03	1.93E-04	2.83E-04	6.15E-03
606532	4121760	1.81E-03	1.85E-03	1.88E-03	1.06E-04	2.74E-04	5.93E-03	Residence	8.04E-08	1.95E-06	2.15E-06	2.38E-07	4.41	0.00	1.81E-03	1.85E-03	1.88E-03	1.72E-04	2.52E-04	5.97E-03
606552	4121760	1.74E-03	1.77E-03	1.78E-03	9.45E-05	2.44E-04	5.63E-03	Residence	7.63E-08	1.85E-06	2.04E-06	2.26E-07	4.19	0.00	1.74E-03	1.77E-03	1.78E-03	1.54E-04	2.24E-04	5.67E-03
606572	4121760	1.65E-03	1.66E-03	1.66E-03	8.43E-05	2.18E-04	5.27E-03	Residence	7.15E-08	1.73E-06	1.91E-06	2.12E-07	3.92	0.00	1.65E-03	1.66E-03	1.66E-03	1.37E-04	2.01E-04	5.31E-03
606592	4121760	1.55E-03	1.55E-03	1.54E-03	7.55E-05	1.96E-04	4.91E-03	Residence	6.66E-08	1.61E-06	1.78E-06	1.97E-07	3.66	0.00	1.55E-03	1.55E-03	1.54E-03	1.23E-04	1.80E-04	4.94E-03
606612	4121760	1.45E-03	1.45E-03	1.43E-03	6.80E-05	1.77E-04	4.57E-03	Residence	6.20E-08	1.50E-06	1.66E-06	1.84E-07	3.40	0.00	1.45E-03	1.45E-03	1.43E-03	1.10E-04	1.63E-04	4.60E-03
606632	4121760	1.35E-03	1.34E-03	1.32E-03	6.13E-05	1.61E-04	4.22E-03	Residence	5.73E-08	1.39E-06	1.53E-06	1.70E-07	3.14	0.00	1.35E-03	1.34E-03	1.32E-03	9.95E-05	1.48E-04	4.25E-03
606652	4121760	1.25E-03	1.23E-03	1.21E-03	5.54E-05	1.46E-04	3.89E-03	Residence	5.27E-08	1.28E-06	1.41E-06	1.56E-07	2.89	0.00	1.25E-03	1.23E-03	1.21E-03	9.00E-05	1.34E-04	3.91E-03
606672	4121760	1.15E-03	1.13E-03	1.11E-03	5.02E-05	1.33E-04	3.58E-03	Residence	4.85E-08	1.18E-06	1.30E-06	1.44E-07	2.66	0.00	1.15E-03	1.13E-03	1.11E-03	8.16E-05	1.22E-04	3.60E-03
606692	4121760	1.07E-03	1.05E-03	1.03E-03	4.58E-05	1.22E-04	3.32E-03	Residence	4.51E-08	1.09E-06	1.20E-06	1.34E-07	2.47	0.00	1.07E-03	1.05E-03	1.03E-03	7.44E-05	1.12E-04	3.34E-03
606712	4121760	9.93E-04	9.73E-04	9.51E-04	4.18E-05	1.12E-04	3.07E-03	Residence	4.16E-08	1.01E-06	1.11E-06	1.23E-07	2.29	0.00	9.93E-04	9.73E-04	9.51E-04	6.80E-05	1.03E-04	3.09E-03
606732	4121760	9.17E-04	8.98E-04	8.76E-04	3.83E-05	1.03E-04	2.83E-03	Residence	3.84E-08	9.31E-07	1.03E-06	1.14E-07	2.11	0.00	9.17E-04	8.98E-04	8.76E-04	6.22E-05	9.51E-05	2.85E-03
606752	4121760	8.51E-04	8.33E-04	8.13E-04	3.52E-05	9.56E-05	2.63E-03	Residence	3.56E-08	8.63E-07	9.51E-07	1.06E-07	1.96	0.00	8.51E-04	8.33E-04	8.13E-04	5.72E-05	8.80E-05	2.64E-03
606772	4121760	7.99E-04	7.82E-04	7.63E-04	3.25E-05	8.89E-05	2.46E-03	Residence	3.34E-08	8.10E-07	8.92E-07	9.91E-08	1.83	0.00	7.99E-04	7.82E-04	7.63E-04	5.29E-05	8.18E-05	2.48E-03
606792	4121760	7.41E-04	7.25E-04	7.07E-04	3.01E-05	8.26E-05	2.29E-03	Residence	3.10E-08	7.51E-07	8.27E-07	9.19E-08	1.70	0.00	7.41E-04	7.25E-04	7.07E-04	4.89E-05	7.60E-05	2.30E-03
606812	4121760	6.89E-04	6.74E-04	6.57E-04	2.79E-05	7.70E-05	2.13E-03	Residence	2.88E-08	6.98E-07	7.69E-07	8.54E-08	1.58	0.00	6.89E-04	6.74E-04	6.57E-04	4.53E-05	7.08E-05	2.14E-03
606832	4121760	6.46E-04	6.31E-04	6.16E-04	2.59E-05	7.20E-05	1.99E-03	Residence	2.70E-08	6.54E-07	7.21E-07	8.00E-08	1.48	0.00	6.46E-04	6.31E-04	6.16E-04	4.21E-05	6.62E-05	2.00E-03
606852	4121760	6.06E-04	5.92E-04	5.78E-04	2.42E-05	6.75E-05	1.87E-03	Residence	2.53E-08	6.13E-07	6.76E-07	7.51E-08	1.39	0.00	6.06E-04	5.92E-04	5.78E-04	3.93E-05	6.21E-05	1.88E-03
606872	4121760	5.70E-04	5.57E-04	5.45E-04	2.26E-05	6.34E-05	1.76E-03	Residence	2.38E-08	5.77E-07	6.36E-07	7.06E-08	1.31	0.00	5.70E-04	5.57E-04	5.45E-04	3.67E-05	5.83E-05	1.77E-03
606892	4121760	5.37E-04	5.26E-04	5.14E-04	2.11E-05	5.96E-05	1.66E-03	Residence	2.25E-08	5.44E-07	6.00E-07	6.66E-08	1.23	0.00	5.37E-04	5.26E-04	5.14E-04	3.44E-05	5.49E-05	1.67E-03
606912	4121760	5.08E-04	4.97E-04	4.86E-04	1.98E-05	5.63E-05	1.57E-03	Residence	2.13E-08	5.15E-07	5.68E-07	6.30E-08	1.17	0.00	5.08E-04	4.97E-04	4.86E-04	3.23E-05	5.18E-05	1.58E-03
606932	4121760	4.81E-04	4.71E-04	4.61E-04	1.87E-05	5.31E-05	1.48E-03	Residence	2.01E-08	4.88E-07	5.37E-07	5.97E-08	1.10	0.00	4.81E-04	4.71E-04	4.61E-04	3.03E-05	4.89E-05	1.49E-03
606952	4121760	4.56E-04	4.46E-04	4.37E-04	1.76E-05	5.03E-05	1.41E-03	Residence	1.91E-08	4.62E-07	5.09E-07	5.66E-08	1.05	0.00	4.56E-04	4.46E-04	4.37E-04	2.86E-05	4.63E-05	1.41E-03
606992	4121760	4.09E-04	4.01E-04	3.93E-04	1.57E-05	4.52E-05	1.26E-03	Residence	1.71E-08	4.15E-07	4.57E-07	5.08E-08	0.94	0.00	4.09E-04	4.01E-04	3.93E-04	2.55E-05	4.16E-05	1.27E-03
607012	4121760	3.87E-04	3.80E-04	3.73E-04	1.49E-05	4.30E-05	1.20E-03	Residence	1.63E-08	3.94E-07	4.34E-07	4.82E-08	0.89	0.00	3.87E-04	3.80E-04	3.73E-04	2.41E-05	3.95E-05	1.20E-03
607032	4121760	3.69E-04	3.62E-04	3.56E-04	1.41E-05	4.09E-05	1.14E-03	Residence	1.55E-08	3.75E-07	4.14E-07	4.59E-08	0.85	0.00	3.69E-04	3.62E-04	3.56E-04	2.29E-05	3.76E-05	1.15E-03
607052	4121760	3.54E-04	3.47E-04	3.41E-04	1.34E-05	3.90E-05	1.09E-03	Residence	1.48E-08	3.59E-07	3.96E-07	4.40E-08	0.81	0.00	3.54E-04	3.47E-04	3.41E-04	2.18E-05	3.59E-05	1.10E-03
605632	4121780	1.03E-04	1.05E-04	1.06E-04	7.28E-06	3.46E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	1.03E-04	1.05E-04	1.06E-04	1.18E-05	3.18E-05	3.58E-04
605672	4121780	1.07E-04	1.08E-04	1.10E-04	7.93E-06	3.86E-05	3.71E-04	Residence	5.03E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.07E-04	1.08E-04	1.10E-04	1.29E-05	3.55E-05	3.73E-04
605692	4121780	1.09E-04	1.11E-04	1.12E-04	8.30E-06	4.09E-05	3.82E-04	Residence	5.18E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	1.09E-04	1.11E-04	1.12E-04	1.35E-05	3.76E-05	3.84E-04
605712	4121780	1.11E-04	1.13E-04	1.14E-04	8.68E-06	4.34E-05	3.90E-04	Residence	5.28E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.11E-04	1.13E-04	1.14E-04	1.41E-05	3.99E-05	3.91E-04
605752	4121780	1.13E-04	1.15E-04	1.17E-04	9.53E-06	4.92E-05	4.04E-04	Residence	5.48E-09	1.33E-07	1.46E-07	1.63E-08	0.30	0.00	1.13E-04	1.15E-04	1.17E-04	1.55E-05	4.52E-05	4.06E-04
605772	4121780	1.16E-04	1.18E-04	1.20E-04	1.00E-05	5.26E-05	4.16E-04	Residence	5.64E-09	1.37E-07	1.51E-07	1.67E-08	0.31	0.00	1.16E-04	1.18E-04	1.20E-04	1.62E-05	4.84E-05	4.18E-04
605792	4121780	1.17E-04	1.19E-04	1.20E-04	1.05E-05	5.63E-05	4.22E-04	Residence	5.73E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.17E-04	1.19E-04	1.20E-04	1.71E-05	5.18E-05	4.24E-04
605832	4121780	1.19E-04	1.21E-04	1.23E-04	1.16E-05	6.52E-05	4.39E-04	Residence	5.96E-09	1.44E-07	1.59E-07	1.77E-08	0.33	0.00	1.19E-04	1.21E-04	1.23E-04	1.89E-05	6.00E-05	4.41E-04
605852	4121780	1.20E-04	1.22E-04	1.24E-04	1.22E-05	7.05E-05	4.48E-04	Residence	6.08E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.20E-04	1.22E-04	1.24E-04	1.98E-05	6.49E-05	4.50E-04
605872	4121780	1.19E-04	1.21E-04	1.23E-04	1.29E-05	7.65E-05	4.53E-04	Residence	6.14E-09	1.49E-07	1.64E-07	1.82E-08	0.34	0.00	1.19E-04	1.21E-04	1.23E-04	2.09E-05	7.03E-05	4.55E-04
605892	4121780	1.17E-04	1.19E-04	1.21E-04	1.35E-05	8.31E-05	4.54E-04	Residence	6.16E-09	1.49E-07	1.64E-07	1.82E-08	0.34	0.00	1.17E-04	1.19E-04	1.21E-04	2.20E-05	7.65E-05	4.56E-04
605912	4121780	1.17E-04	1.19E-04	1.21E-04	1.43E-05	9.09E-05	4.62E-04	Residence	6.27E-09	1.52E-07	1.67E-07	1.86E-08	0.34	0.00	1.17E-04	1.19E-04	1.21E-04	2.32E-05	8.36E-05	4.64E-04
605932	4121780	1.18E-04	1.20E-04	1.21E-04	1.50E-05	1.00E-04	4.74E-04	Residence	6.43E-09	1.56E-07	1.72E-07	1.90E-08	0.35	0.00	1.18E-04	1.20E-04	1.21E-04	2.44E-05	9.20E-05	4.75E-04

605952	4121780	1.18E-04	1.20E-04	1.21E-04	1.58E-05	1.10E-04	4.85E-04	Residence	6.58E-09	1.59E-07	1.76E-07	1.95E-08	0.36	0.00	1.18E-04	1.20E-04	1.21E-04	2.57E-05	1.02E-04	4.86E-04
605992	4121780	1.19E-04	1.21E-04	1.23E-04	1.76E-05	1.37E-04	5.17E-04	Worker	7.01E-09	1.70E-07	1.87E-07	2.08E-08	0.38	0.00	1.19E-04	1.21E-04	1.23E-04	2.85E-05	1.26E-04	5.17E-04
606052	4121780	1.22E-04	1.24E-04	1.26E-04	2.08E-05	1.96E-04	5.89E-04	Worker	7.99E-09	1.93E-07	2.13E-07	2.37E-08	0.44	0.00	1.22E-04	1.24E-04	1.26E-04	3.38E-05	1.81E-04	5.86E-04
606072	4121780	1.24E-04	1.27E-04	1.29E-04	2.24E-05	2.24E-04	6.26E-04	Worker	8.49E-09	2.06E-07	2.27E-07	2.51E-08	0.47	0.00	1.24E-04	1.27E-04	1.29E-04	3.64E-05	2.06E-04	6.22E-04
606132	4121780	1.37E-04	1.41E-04	1.44E-04	3.30E-05	3.34E-04	7.90E-04	Worker	1.07E-08	2.59E-07	2.86E-07	3.17E-08	0.59	0.00	1.37E-04	1.41E-04	1.44E-04	5.36E-05	3.08E-04	7.84E-04
606152	4121780	1.46E-04	1.50E-04	1.54E-04	4.10E-05	3.83E-04	8.73E-04	Worker	1.18E-08	2.87E-07	3.16E-07	3.51E-08	0.65	0.00	1.46E-04	1.50E-04	1.54E-04	6.67E-05	3.52E-04	8.68E-04
606172	4121780	1.57E-04	1.61E-04	1.66E-04	5.44E-05	4.38E-04	9.77E-04	Worker	1.33E-08	3.21E-07	3.54E-07	3.93E-08	0.73	0.00	1.57E-04	1.61E-04	1.66E-04	8.84E-05	4.03E-04	9.76E-04
606192	4121780	1.69E-04	1.74E-04	1.81E-04	7.60E-05	5.04E-04	1.10E-03	Worker	1.50E-08	3.63E-07	4.00E-07	4.44E-08	0.82	0.00	1.69E-04	1.74E-04	1.81E-04	1.24E-04	4.64E-04	1.11E-03
606292	4121780	2.77E-04	2.88E-04	3.00E-04	3.05E-04	1.01E-03	2.18E-03	Worker	2.95E-08	7.15E-07	7.88E-07	8.74E-08	1.62	0.00	2.77E-04	2.88E-04	3.00E-04	4.96E-04	9.25E-04	2.29E-03
606312	4121780	3.33E-04	3.45E-04	3.61E-04	3.26E-04	1.01E-03	2.38E-03	Worker	3.22E-08	7.81E-07	8.60E-07	9.55E-08	1.77	0.00	3.33E-04	3.45E-04	3.61E-04	5.30E-04	9.30E-04	2.50E-03
606372	4121780	7.77E-04	8.29E-04	9.00E-04	2.84E-04	7.83E-04	3.57E-03	Worker	4.85E-08	1.17E-06	1.29E-06	1.44E-07	2.66	0.00	7.77E-04	8.29E-04	9.00E-04	4.61E-04	7.20E-04	3.69E-03
606392	4121780	1.07E-03	1.16E-03	1.26E-03	2.55E-04	6.87E-04	4.44E-03	Worker	6.02E-08	1.46E-06	1.61E-06	1.78E-07	3.30	0.00	1.07E-03	1.16E-03	1.26E-03	4.15E-04	6.32E-04	4.54E-03
606432	4121780	1.70E-03	1.82E-03	1.95E-03	1.98E-04	5.18E-04	6.19E-03	Residence	8.40E-08	2.03E-06	2.24E-06	2.49E-07	4.61	0.00	1.70E-03	1.82E-03	1.95E-03	3.22E-04	4.76E-04	6.27E-03
606472	4121780	2.02E-03	2.11E-03	2.19E-03	1.52E-04	3.92E-04	6.87E-03	Residence	9.31E-08	2.26E-06	2.49E-06	2.76E-07	5.11	0.00	2.02E-03	2.11E-03	2.19E-03	2.47E-04	3.60E-04	6.93E-03
606492	4121780	2.04E-03	2.10E-03	2.15E-03	1.33E-04	3.42E-04	6.77E-03	Residence	9.18E-08	2.22E-06	2.45E-06	2.72E-07	5.04	0.00	2.04E-03	2.10E-03	2.15E-03	2.16E-04	3.15E-04	6.83E-03
606512	4121780	1.99E-03	2.03E-03	2.05E-03	1.17E-04	3.00E-04	6.49E-03	Residence	8.81E-08	2.13E-06	2.35E-06	2.61E-07	4.83	0.00	1.99E-03	2.03E-03	2.05E-03	1.90E-04	2.76E-04	6.54E-03
606532	4121780	1.90E-03	1.92E-03	1.92E-03	1.03E-04	2.65E-04	6.12E-03	Residence	8.30E-08	2.01E-06	2.21E-06	2.46E-07	4.55	0.00	1.90E-03	1.92E-03	1.92E-03	1.67E-04	2.44E-04	6.16E-03
606552	4121780	1.78E-03	1.78E-03	1.77E-03	9.09E-05	2.35E-04	5.66E-03	Residence	7.68E-08	1.86E-06	2.05E-06	2.28E-07	4.22	0.00	1.78E-03	1.78E-03	1.77E-03	1.48E-04	2.16E-04	5.70E-03
606572	4121780	1.65E-03	1.64E-03	1.61E-03	8.05E-05	2.10E-04	5.19E-03	Residence	7.05E-08	1.71E-06	1.88E-06	2.09E-07	3.87	0.00	1.65E-03	1.64E-03	1.61E-03	1.31E-04	1.93E-04	5.23E-03
606592	4121780	1.52E-03	1.50E-03	1.47E-03	7.17E-05	1.88E-04	4.76E-03	Residence	6.45E-08	1.56E-06	1.72E-06	1.91E-07	3.54	0.00	1.52E-03	1.50E-03	1.47E-03	1.17E-04	1.73E-04	4.79E-03
606612	4121780	1.40E-03	1.38E-03	1.35E-03	6.43E-05	1.69E-04	4.37E-03	Residence	5.92E-08	1.43E-06	1.58E-06	1.75E-07	3.25	0.00	1.40E-03	1.38E-03	1.35E-03	1.04E-04	1.56E-04	4.39E-03
606632	4121780	1.29E-03	1.26E-03	1.23E-03	5.78E-05	1.53E-04	3.99E-03	Residence	5.41E-08	1.31E-06	1.44E-06	1.60E-07	2.97	0.00	1.29E-03	1.26E-03	1.23E-03	9.38E-05	1.41E-04	4.01E-03
606652	4121780	1.18E-03	1.15E-03	1.12E-03	5.21E-05	1.39E-04	3.64E-03	Residence	4.94E-08	1.20E-06	1.32E-06	1.46E-07	2.71	0.00	1.18E-03	1.15E-03	1.12E-03	8.46E-05	1.28E-04	3.66E-03
606672	4121780	1.08E-03	1.05E-03	1.02E-03	4.72E-05	1.27E-04	3.33E-03	Residence	4.52E-08	1.09E-06	1.21E-06	1.34E-07	2.48	0.00	1.08E-03	1.05E-03	1.02E-03	7.67E-05	1.17E-04	3.35E-03
606692	4121780	1.00E-03	9.75E-04	9.47E-04	4.30E-05	1.16E-04	3.08E-03	Residence	4.18E-08	1.01E-06	1.12E-06	1.24E-07	2.29	0.00	1.00E-03	9.75E-04	9.47E-04	6.99E-05	1.07E-04	3.10E-03
606712	4121780	9.22E-04	8.98E-04	8.72E-04	3.92E-05	1.07E-04	2.84E-03	Residence	3.85E-08	9.32E-07	1.03E-06	1.14E-07	2.11	0.00	9.22E-04	8.98E-04	8.72E-04	6.38E-05	9.84E-05	2.85E-03
606732	4121780	8.50E-04	8.27E-04	8.04E-04	3.59E-05	9.86E-05	2.62E-03	Residence	3.55E-08	8.59E-07	9.47E-07	1.05E-07	1.95	0.00	8.50E-04	8.27E-04	8.04E-04	5.84E-05	9.07E-05	2.63E-03
606752	4121780	7.87E-04	7.66E-04	7.44E-04	3.31E-05	9.12E-05	2.42E-03	Residence	3.28E-08	7.96E-07	8.77E-07	9.73E-08	1.80	0.00	7.87E-04	7.66E-04	7.44E-04	5.37E-05	8.39E-05	2.44E-03
606772	4121780	7.39E-04	7.20E-04	7.00E-04	3.06E-05	8.48E-05	2.27E-03	Residence	3.08E-08	7.47E-07	8.23E-07	9.14E-08	1.69	0.00	7.39E-04	7.20E-04	7.00E-04	4.97E-05	7.80E-05	2.29E-03
606792	4121780	6.89E-04	6.71E-04	6.53E-04	2.83E-05	7.90E-05	2.12E-03	Residence	2.88E-08	6.97E-07	7.68E-07	8.52E-08	1.58	0.00	6.89E-04	6.71E-04	6.53E-04	4.60E-05	7.26E-05	2.13E-03
606812	4121780	6.44E-04	6.27E-04	6.11E-04	2.63E-05	7.37E-05	1.98E-03	Residence	2.69E-08	6.51E-07	7.17E-07	7.96E-08	1.47	0.00	6.44E-04	6.27E-04	6.11E-04	4.27E-05	6.78E-05	1.99E-03
606832	4121780	6.03E-04	5.88E-04	5.73E-04	2.44E-05	6.90E-05	1.86E-03	Residence	2.52E-08	6.10E-07	6.72E-07	7.46E-08	1.38	0.00	6.03E-04	5.88E-04	5.73E-04	3.97E-05	6.35E-05	1.87E-03
606852	4121780	5.66E-04	5.52E-04	5.38E-04	2.28E-05	6.47E-05	1.74E-03	Residence	2.36E-08	5.73E-07	6.31E-07	7.01E-08	1.30	0.00	5.66E-04	5.52E-04	5.38E-04	3.71E-05	5.95E-05	1.75E-03
606872	4121780	5.31E-04	5.19E-04	5.06E-04	2.13E-05	6.08E-05	1.64E-03	Residence	2.22E-08	5.38E-07	5.93E-07	6.59E-08	1.22	0.00	5.31E-04	5.19E-04	5.06E-04	3.47E-05	5.59E-05	1.65E-03
606892	4121780	5.01E-04	4.89E-04	4.77E-04	2.00E-05	5.73E-05	1.54E-03	Residence	2.09E-08	5.07E-07	5.59E-07	6.21E-08	1.15	0.00	5.01E-04	4.89E-04	4.77E-04	3.25E-05	5.27E-05	1.55E-03
606912	4121780	4.72E-04	4.61E-04	4.50E-04	1.88E-05	5.40E-05	1.46E-03	Residence	1.97E-08	4.78E-07	5.27E-07	5.85E-08	1.08	0.00	4.72E-04	4.61E-04	4.50E-04	3.05E-05	4.97E-05	1.46E-03
606932	4121780	4.46E-04	4.36E-04	4.26E-04	1.77E-05	5.11E-05	1.38E-03	Residence	1.87E-08	4.52E-07	4.98E-07	5.53E-08	1.02	0.00	4.46E-04	4.36E-04	4.26E-04	2.87E-05	4.70E-05	1.38E-03
606952	4121780	4.22E-04	4.13E-04	4.04E-04	1.67E-05	4.83E-05	1.30E-03	Residence	1.77E-08	4.28E-07	4.72E-07	5.24E-08	0.97	0.00	4.22E-04	4.13E-04	4.04E-04	2.71E-05	4.45E-05	1.31E-03
606992	4121780	3.82E-04	3.74E-04	3.66E-04	1.49E-05	4.36E-05	1.18E-03	Residence	1.60E-08	3.88E-07	4.27E-07	4.74E-08	0.88	0.00	3.82E-04	3.74E-04	3.66E-04	2.43E-05	4.01E-05	1.19E-03
607012	4121780	3.64E-04	3.57E-04	3.50E-04	1.42E-05	4.15E-05	1.13E-03	Residence	1.53E-08	3.70E-07	4.08E-07	4.53E-08	0.84	0.00	3.64E-04	3.57E-04	3.50E-04	2.30E-05	3.82E-05	1.13E-03
605632	4121800	1.08E-04	1.09E-04	1.11E-04	7.86E-06	3.57E-05	3.72E-04	Residence	5.04E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.08E-04	1.09E-04	1.11E-04	1.28E-05	3.29E-05	3.74E-04
605672	4121800	1.11E-04	1.13E-04	1.15E-04	8.62E-06	4.00E-05	3.88E-04	Residence	5.26E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	1.11E-04	1.13E-04	1.15E-04	1.40E-05	3.68E-05	3.90E-04
605692	4121800	1.14E-04	1.16E-04	1.18E-04	9.04E-06	4.24E-05	4.00E-04	Residence	5.42E-09	1.31E-07	1.45E-07	1.61E-08	0.30	0.00	1.14E-04	1.16E-04	1.18E-04	1.47E-05	3.90E-05	4.02E-04
605712	4121800	1.16E-04	1.18E-04	1.19E-04	9.49E-06	4.50E-05	4.07E-04	Residence	5.52E-09	1.34E-07	1.47E-07	1.64E-08	0.30	0.00	1.16E-04	1.18E-04	1.19E-04	1.54E-05	4.14E-05	4.09E-04
605752	4121800	1.19E-04	1.21E-04	1.23E-04	1.05E-05	5.12E-05	4.26E-04	Residence	5.77E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.19E-04	1.21E-04	1.23E-04	1.71E-05	4.71E-05	4.28E-04
605772	4121800	1.22E-04	1.24E-04	1.26E-04	1.11E-05	5.49E-05	4.37E-04	Residence	5.93E-09	1.44E-07	1.58E-07	1.76E-08	0.33	0.00	1.22E-04	1.24E-04	1.26E-04	1.80E-05	5.05E-05	4.40E-04
605792	4121800	1.23E-04	1.25E-04	1.27E-04	1.17E-05	5.88E-05	4.44E-04	Residence	6.03E-09	1.46E-07	1.61E-07	1.79E-08	0.33	0.00	1.23E-04	1.25E-04	1.27E-04	1.90E-05	5.41E-05	4.47E-04
605832	4121800	1.25E-04	1.27E-04	1.29E-04	1.31E-05	6.84E-05	4.63E-04	Residence	6.28E-09	1.52E-07	1.68E-07	1.86E-08	0.34	0.00	1.25E-04	1.27E-04	1.29E-04	2.12E-05	6.30E-05	4.66E-04
605852	4121800	1.26E-04	1.29E-04	1.31E-04	1.38E-05	7.43E-05	4.74E-04	Residence	6.43E-09	1.56E-07	1.72E-07	1.91E-08	0.35	0.00	1.26E-04	1.29E-04	1.31E-04	2.25E-05	6.83E-05	4.77E-04
605872	4121800	1.26E-04	1.28E-04	1.30E-04	1.47E-05	8.08E-05	4.79E-04	Residence	6.50E-09	1.58E-07	1.74E-07	1.93E-08	0.36	0.00	1.26E-04	1.28E-04	1.30E-04	2.39E-05	7.43E-05	4.82E-04
605892	4121800	1.23E-04	1.26E-04	1.28E-04	1.56E-05	8.80E-05	4.80E-04	Residence	6.51E-09	1.58E-07	1.74E-07	1.93E-08	0.36	0.00	1.23E-04	1.26E-04	1.28E-04	2.53E-05	8.10E-05	4.83E-04
605912	4121800	1.25E-04	1.27E-04	1.29E-04	1.66E-05	9.69E-05	4.95E-04	Residence	6.71E-09	1.62E-07	1.79E-07	1.99E-08	0.37	0.00	1.25E-04	1.27E-04	1.29E-04	2.69E-05	8.91E-05	4.97E-04
605932	4121800	1.26E-04	1.28E-04	1.30E-04	1.76E-05	1.07E-04	5.09E-04	Residence	6.90E-09	1.67E-07	1.84E-07	2.05E-08	0.38	0.00	1.26E-04	1.28E-04	1.30E-04	2.87E-05	9.85E-05	5.11E-04
605952	4121800	1.26E-04	1.28E-04	1.30E-04	1.88E-05	1.19E-04	5.21E-04	Residence	7.07E-09	1.71E-07	1.89E-07	2.09E-08	0.39	0.00	1.26E-04	1.28E-04	1.30E-04	3.05E-05	1.09E-04	5.23E-04
605992	4121800	1.25E-04	1.28E-04	1.30E-04	2.13E-05	1.49E-04	5.53E-04	Worker	7.50E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.25E-04	1.28E-04	1.30E-04	3.46E-05	1.37E-04	5.55E-04
606052	4121800	1.29E-04	1.32E-04	1.34E-04	2.58E-05	2.21E-04	6.42E-04	Worker	8.71E-09	2.11E-07	2.33E-07	2.58E-08	0.48	0.00	1.29E-04	1.32E-04	1.34E-04	4.20E-05	2.04E-04	6.41E-04
606072	4121800	1.31E-04	1.34E-04	1.37E-04	2.78E-05	2.56E-04	6.86E-04	Worker	9.30E-09	2.25E-07	2.48E-07	2.76E-08	0.51	0.00	1.31E-04	1.34E-04	1.37E-04	4.51E-05	2.35E-04	6.83E-04
606152	4121800	1.58E-04	1.62E-04	1.67E-04	4.99E-05	4.81E-04	1.02E-03	Worker	1.38E-08	3.34E-07	3.68E-07	4.09E-08	0.76	0.00	1.58E-04	1.62E-04	1.67E-04	8.10E-05	4.42E-04	1.01E-03
606172	4121800	1.71E-04	1.76E-04	1.82E-04	6.79E-05	5.65E-04	1.16E-03	Worker	1.58E-08	3.82E-07	4.21E-07	4.67E-08	0.87	0.00	1.71E-04	1.76E-04	1.82E-04	1.10E-04	5.20E-04	1.16E-03
606192	4121800	1.87E-04	1.93E-04	2.00E-04	9.96E-05	6.68E-04	1.35E-03	Worker	1.83E-08	4.43E-07	4.88E-07	5.42E-08	1.00	0.00	1.87E-04	1.93E-04	2.00E-04	1.62E-04	6.15E-04	1.36E-03
606292	4121800	3.14E-04	3.26E-04	3.40E-04	4.27E-04	1.36E-03	2.77E-03	Worker	3.75E-08	9.09E-07	1.00E-06	1.11E-07	2.06	0.00	3.14E-04	3.26E-04	3.40E-04	6.94E-04	1.25E-03	2.93E-03
606312	4121800	3.76E-04	3.90E-04	4.07E-04	4.31E-04	1.29E-03	2.89E-03	Worker	3.92E-08	9.50E-07	1.05E-06	1.16E-07	2.15	0.00	3.76E-04	3.90E-04	4.07E-04	7.00E-04	1.19E-03	3.06E-03
606372	4121800	9.81E-04	1.06E-03	1.15E-03	3.21E-04	8.54E-04	4.37E-03	Worker	5.92E-08	1.43E-06	1.58E-06	1.76E-07	3.25	0.00	9.81E-04	1.06E-03	1.15E-03	5.22E-04	7.86E-04	4.50E-03
606432	4121800	2.10E-03	2.24E-03	2.37E-03	2.02E-04	5.18E-04	7.44E-03	Residence	1.01E-07	2.44E-06	2.69E-06	2.99E-07	5.53	0.00	2.10E-03	2.24E-03	2.37E-03	3.29E-04	4.77E-04	7.52E-03
606472	4121800	2.28E-03	2.34E-03	2.38E-03	1.49E-04	3.81E-04	7.54E-03	Residence	1.02E-07	2.48E-06	2.73E-06	3.03E-07	5.61	0.00	2.28E-03	2.34E-03	2.38E-03	2.42E-04	3.50E-04	7.60E-03
606492	4121800	2.20E-03	2.23E-03	2.24E-03	1.28E-04	3.29E-04	7.13E-03	Residence	9.66E-08	2.34E-06	2.58E-06	2.86E-07	5.30	0.00	2.20E-03	2.23E-03	2.24E-03	2.09E-04	3.03E-04	7.18E-03
606512	4121800	2.07E-03	2.07E-03	2.05E-03	1.11E-04	2.87E-04	6.59E-03	Residence	8.93E-08	2.16E-06	2.38E-06	2.65E-07	4.90	0.00	2.07E-03	2.07E-03	2.05E-03	1.81E-04	2.64E-04	6.63E-03
606532	4121800	1.91E-03	1.89E-03	1.86E-03	9.72E-05	2.52E-04	6.00E-03	Residence	8.14E-08	1.97E-06	2.17E-06	2.41E-07	4.47	0.00	1.91E-03	1.89E-03	1.86E-03	1.58E-04	2.32E-04	6.04E-03
606552	4121800	1.74E-03	1.71E-03	1.67E-03	8.53E-05	2.23E-04	5.43E-03	Residence	7.37E-08	1.78E-06	1.97E-06	2.18E-07	4.04	0.00	1.74E-03	1.71E-03	1.67E-03	1.39E-04	2.05E-04	5.47E-03
606572	4121800	1.58E-03	1.55E-03	1.50E-03	7.53E-05	1.98E-04	4.90E-03	Residence	6.64E-08	1.61E-06	1.77E-06	1.97E-07	3.64	0.00	1.58E-03	1.55E-03	1.50E-03	1.22E-04	1.82E-04	4.93E-03
606592	4121800	1.43E-03	1.40E-03	1.35E-03	6.69E-05	1.78E-04	4.42E-03	Residence	6.00E-08	1.45E-06	1.60E-06	1.78E-07	3.29	0.00	1.43E-03	1.40E-03	1.35E-03	1.09E-04	1.63E-04	4.45E-03
606612	4121800	1.30E-03	1.26E-03	1.22E-03	5.98E-05	1.60E-04	4.00E-03	Residence	5.43E-08	1.32E-06	1.45E-06	1.61E-07	2.98	0.00	1.30E-03	1.26E-03	1.22E-03	9.72E-05	1.47E-04	4.03E-03
606632	4121800	1.18E-03	1.15E-03	1.11E-03	5.37E-05	1.45E-04	3.63E-03	Residence	4.93E-08	1.19E-06	1.32E-06	1.46E-07	2.71	0.00	1.18E-03	1.15E-03	1.11E-03	8.73E-05	1.33E-04	3.66E-03
606652	4121800	1.08E-03	1.04E-03	1.01E-03	4.84E-05	1.31E-04	3.31E-03	Residence	4.49E-08	1.09E-06	1.20E-06	1.33E-07	2.46	0.00	1.08E-03	1.04E-03	1.01E-03	7.87E-05	1.21E-04	3.33E-03
606672	4121800	9.86E-04	9.54E-04	9.20E-04	4.39E-05	1.20E-04	3.02E-03	Residence	4.10E-08	9.94E-07	1.09E-06	1.22E-07	2.25	0.00	9.86E-04	9.54E-04	9.20E-04	7.13E-05	1.10E-04	3.04E-03
606692	4121800	9.07E-04	8.77E-04	8.47E-04	4.00E-05	1.10E-04	2.78E-03	Residence	3.77E-08	9.13E-07	1.01E-06	1.12E-07	2.07	0.00	9.07E-04	8.77E-04	8.47E-04	6.50E-05	1.01E-04	2.80E-03
606712	4121800	8.36E-04	8.09E-04	7.82E-04	3.66E-05	1.01E-04	2.56E-03	Residence	3.48E-08	8.42E-07	9.28E-07	1.03E-07	1.91	0.00	8.36E-04	8.09E-04	7.82E-04	5.94E-05	9.32E-05	2.58E-03
606732	4121800	7.73E-04	7.48E-04	7.24E-04	3.35E-05	9.35E-05	2.37E-03	Residence	3.22E-08	7.79E-07	8.58E-07	9.53E-08	1.76	0.00	7.73E-04	7.48E-04	7.24E-04	5.45E-05	8.60E-05	2.38E-03
606752	4121800	7.17E-04	6.95E-04	6.73E-04	3.09E-05	8.67E-05	2.20E-03	Residence	2.99E-08	7.23E-07	7.97E-07	8.85E-08	1.64	0.00	7.17E-04	6.95E-04	6.73E-04	5.02E-05	7.97E-05	2.21E-03
606772	4121800	6.74E-04	6.54E-04	6.34E-04	2.86E-05	8.07E-05	2.07E-03	Residence	2.81E-08	6.81E-07	7.50E-07	8.33E-08	1.54	0.00	6.74E-04	6.54E-04	6.34E-04	4.65E-05	7.42E-05	2.08E-03
606792	4121800	6.26E-04	6.07E-04	5.89E-04	2.65E-05	7.52E-05	1.92E-03	Residence	2.61E-08	6.32E-07	6.96E-07	7.73E-08	1.43	0.00	6.26E-04	6.07E-04	5.89E-04	4.30E-05	6.91E-05	1.93E-03
606812	4121800	5.85E-04	5.68E-04	5.52E-04	2.46E-05	7.02E-05	1.80E-03	Residence	2.44E-08	5.91E-07	6.52E-07	7.24E-08	1.34	0.00	5.85E-04	5.68E-04	5.52E-04	4.00E-05	6.46E-05	1.81E-03
606832	4121800	5.48E-04	5.33E-04	5.19E-04	2.30E-05	6.58E-05	1.69E-03	Residence	2.29E-08	5.55E-07	6.11E-07	6.79E-08	1.26	0.00	5.48E-04	5.33E-04	5.19E-04	3.73E-05	6.05E-05	1.70E-03

606852	4121800	5.16E-04	5.02E-04	4.89E-04	2.15E-05	6.18E-05	1.59E-03	Residence	2.16E-08	5.22E-07	5.75E-07	6.39E-08	1.18	0.00	5.16E-04	5.02E-04	4.89E-04	3.49E-05	5.68E-05	1.60E-03
606872	4121800	4.86E-04	4.73E-04	4.61E-04	2.01E-05	5.81E-05	1.50E-03	Residence	2.03E-08	4.92E-07	5.42E-07	6.02E-08	1.11	0.00	4.86E-04	4.73E-04	4.61E-04	3.27E-05	5.35E-05	1.51E-03
606892	4121800	4.58E-04	4.47E-04	4.36E-04	1.89E-05	5.48E-05	1.42E-03	Residence	1.92E-08	4.65E-07	5.12E-07	5.69E-08	1.05	0.00	4.58E-04	4.47E-04	4.36E-04	3.07E-05	5.04E-05	1.42E-03
606912	4121800	4.34E-04	4.23E-04	4.13E-04	1.78E-05	5.18E-05	1.34E-03	Residence	1.82E-08	4.40E-07	4.85E-07	5.39E-08	1.00	0.00	4.34E-04	4.23E-04	4.13E-04	2.89E-05	4.76E-05	1.35E-03
606932	4121800	4.13E-04	4.03E-04	3.94E-04	1.68E-05	4.90E-05	1.28E-03	Residence	1.73E-08	4.19E-07	4.62E-07	5.13E-08	0.95	0.00	4.13E-04	4.03E-04	3.94E-04	2.72E-05	4.51E-05	1.28E-03
605632	4121860	1.25E-04	1.28E-04	1.30E-04	1.01E-05	3.99E-05	4.33E-04	Residence	5.87E-09	1.42E-07	1.57E-07	1.74E-08	0.32	0.00	1.25E-04	1.28E-04	1.30E-04	1.64E-05	3.67E-05	4.36E-04
605652	4121860	1.26E-04	1.29E-04	1.31E-04	1.06E-05	4.22E-05	4.38E-04	Residence	5.94E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.26E-04	1.29E-04	1.31E-04	1.73E-05	3.89E-05	4.42E-04
605672	4121860	1.30E-04	1.32E-04	1.35E-04	1.12E-05	4.49E-05	4.53E-04	Residence	6.15E-09	1.49E-07	1.64E-07	1.82E-08	0.34	0.00	1.30E-04	1.32E-04	1.35E-04	1.83E-05	4.13E-05	4.57E-04
605692	4121860	1.34E-04	1.36E-04	1.39E-04	1.19E-05	4.79E-05	4.69E-04	Residence	6.36E-09	1.54E-07	1.70E-07	1.88E-08	0.35	0.00	1.34E-04	1.36E-04	1.39E-04	1.94E-05	4.41E-05	4.72E-04
605712	4121860	1.36E-04	1.39E-04	1.42E-04	1.26E-05	5.11E-05	4.80E-04	Residence	6.52E-09	1.58E-07	1.74E-07	1.93E-08	0.36	0.00	1.36E-04	1.39E-04	1.42E-04	2.06E-05	4.70E-05	4.84E-04
605732	4121860	1.37E-04	1.40E-04	1.43E-04	1.34E-05	5.46E-05	4.88E-04	Residence	6.62E-09	1.60E-07	1.77E-07	1.96E-08	0.36	0.00	1.37E-04	1.40E-04	1.43E-04	2.18E-05	5.03E-05	4.92E-04
605752	4121860	1.41E-04	1.44E-04	1.47E-04	1.43E-05	5.87E-05	5.04E-04	Residence	6.83E-09	1.66E-07	1.82E-07	2.03E-08	0.38	0.00	1.41E-04	1.44E-04	1.47E-04	2.33E-05	5.40E-05	5.08E-04
605772	4121860	1.44E-04	1.48E-04	1.51E-04	1.53E-05	6.32E-05	5.21E-04	Residence	7.07E-09	1.71E-07	1.89E-07	2.10E-08	0.39	0.00	1.44E-04	1.48E-04	1.51E-04	2.49E-05	5.82E-05	5.26E-04
605792	4121860	1.48E-04	1.51E-04	1.54E-04	1.64E-05	6.83E-05	5.37E-04	Residence	7.29E-09	1.76E-07	1.94E-07	2.16E-08	0.40	0.00	1.48E-04	1.51E-04	1.54E-04	2.67E-05	6.29E-05	5.42E-04
605812	4121860	1.48E-04	1.51E-04	1.54E-04	1.76E-05	7.39E-05	5.44E-04	Residence	7.38E-09	1.79E-07	1.97E-07	2.19E-08	0.41	0.00	1.48E-04	1.51E-04	1.54E-04	2.87E-05	6.80E-05	5.49E-04
605832	4121860	1.50E-04	1.53E-04	1.57E-04	1.90E-05	8.05E-05	5.59E-04	Residence	7.58E-09	1.84E-07	2.02E-07	2.25E-08	0.42	0.00	1.50E-04	1.53E-04	1.57E-04	3.09E-05	7.41E-05	5.64E-04
605852	4121860	1.52E-04	1.56E-04	1.59E-04	2.06E-05	8.81E-05	5.75E-04	Residence	7.80E-09	1.89E-07	2.08E-07	2.31E-08	0.43	0.00	1.52E-04	1.56E-04	1.59E-04	3.34E-05	8.11E-05	5.81E-04
605872	4121860	1.53E-04	1.57E-04	1.60E-04	2.23E-05	9.68E-05	5.88E-04	Residence	7.98E-09	1.93E-07	2.13E-07	2.37E-08	0.44	0.00	1.53E-04	1.57E-04	1.60E-04	3.62E-05	8.91E-05	5.95E-04
605892	4121860	1.50E-04	1.54E-04	1.58E-04	2.43E-05	1.07E-04	5.94E-04	Residence	8.05E-09	1.95E-07	2.15E-07	2.39E-08	0.44	0.00	1.50E-04	1.54E-04	1.58E-04	3.94E-05	9.81E-05	6.00E-04
605912	4121860	1.52E-04	1.56E-04	1.60E-04	2.65E-05	1.19E-04	6.13E-04	Residence	8.32E-09	2.01E-07	2.22E-07	2.47E-08	0.46	0.00	1.52E-04	1.56E-04	1.60E-04	4.31E-05	1.09E-04	6.20E-04
605932	4121860	1.54E-04	1.58E-04	1.62E-04	2.92E-05	1.33E-04	6.37E-04	Residence	8.63E-09	2.09E-07	2.30E-07	2.56E-08	0.47	0.00	1.54E-04	1.58E-04	1.62E-04	4.74E-05	1.22E-04	6.44E-04
605952	4121860	1.55E-04	1.59E-04	1.64E-04	3.22E-05	1.50E-04	6.60E-04	Residence	8.94E-09	2.17E-07	2.39E-07	2.65E-08	0.49	0.00	1.55E-04	1.59E-04	1.64E-04	5.23E-05	1.38E-04	6.68E-04
605972	4121860	1.55E-04	1.60E-04	1.64E-04	3.57E-05	1.70E-04	6.85E-04	Residence	9.29E-09	2.25E-07	2.48E-07	2.75E-08	0.51	0.00	1.55E-04	1.60E-04	1.64E-04	5.80E-05	1.57E-04	6.94E-04
605992	4121860	1.56E-04	1.61E-04	1.65E-04	3.98E-05	1.96E-04	7.17E-04	Residence	9.72E-09	2.35E-07	2.59E-07	2.88E-08	0.53	0.00	1.56E-04	1.61E-04	1.65E-04	6.47E-05	1.80E-04	7.26E-04
606012	4121860	1.56E-04	1.62E-04	1.67E-04	4.47E-05	2.27E-04	7.56E-04	Residence	1.03E-08	2.48E-07	2.74E-07	3.04E-08	0.56	0.00	1.56E-04	1.62E-04	1.67E-04	7.26E-05	2.09E-04	7.66E-04
606032	4121860	1.58E-04	1.63E-04	1.68E-04	5.04E-05	2.67E-04	8.06E-04	Tulip Kids Academy	1.09E-08	2.65E-07	2.92E-07	3.24E-08	0.60	0.00	1.58E-04	1.63E-04	1.68E-04	8.19E-05	2.46E-04	8.16E-04
606052	4121860	1.60E-04	1.66E-04	1.71E-04	5.73E-05	3.20E-04	8.74E-04	Tulip Kids Academy	1.19E-08	2.87E-07	3.16E-07	3.51E-08	0.65	0.00	1.60E-04	1.66E-04	1.71E-04	9.31E-05	2.94E-04	8.84E-04
606072	4121860	1.65E-04	1.70E-04	1.76E-04	6.56E-05	3.90E-04	9.68E-04	Residence	1.31E-08	3.18E-07	3.50E-07	3.89E-08	0.72	0.00	1.65E-04	1.70E-04	1.76E-04	1.07E-04	3.59E-04	9.77E-04
606612	4121860	8.46E-04	7.97E-04	7.52E-04	4.56E-05	1.30E-04	2.57E-03	Residence	3.49E-08	8.44E-07	9.30E-07	1.03E-07	1.91	0.00	8.46E-04	7.97E-04	7.52E-04	7.42E-05	1.19E-04	2.59E-03
606632	4121860	7.71E-04	7.29E-04	6.91E-04	4.12E-05	1.18E-04	2.35E-03	Residence	3.19E-08	7.72E-07	8.51E-07	9.45E-08	1.75	0.00	7.71E-04	7.29E-04	6.91E-04	6.70E-05	1.09E-04	2.37E-03
606652	4121860	7.09E-04	6.73E-04	6.40E-04	3.75E-05	1.08E-04	2.17E-03	Residence	2.94E-08	7.12E-07	7.85E-07	8.71E-08	1.61	0.00	7.09E-04	6.73E-04	6.40E-04	6.09E-05	9.94E-05	2.18E-03
606672	4121860	6.59E-04	6.28E-04	6.00E-04	3.42E-05	9.94E-05	2.02E-03	Residence	2.74E-08	6.64E-07	7.32E-07	8.12E-08	1.50	0.00	6.59E-04	6.28E-04	6.00E-04	5.57E-05	9.14E-05	2.03E-03
606692	4121860	6.16E-04	5.89E-04	5.64E-04	3.14E-05	9.17E-05	1.89E-03	Residence	2.56E-08	6.21E-07	6.85E-07	7.60E-08	1.41	0.00	6.16E-04	5.89E-04	5.64E-04	5.11E-05	8.44E-05	1.90E-03
606712	4121860	5.77E-04	5.53E-04	5.31E-04	2.90E-05	8.50E-05	1.77E-03	Residence	2.41E-08	5.83E-07	6.42E-07	7.13E-08	1.32	0.00	5.77E-04	5.53E-04	5.31E-04	4.71E-05	7.82E-05	1.79E-03
606732	4121860	5.43E-04	5.22E-04	5.03E-04	2.68E-05	7.90E-05	1.67E-03	Residence	2.27E-08	5.50E-07	6.06E-07	6.73E-08	1.25	0.00	5.43E-04	5.22E-04	5.03E-04	4.36E-05	7.27E-05	1.68E-03
606752	4121860	5.13E-04	4.94E-04	4.77E-04	2.49E-05	7.37E-05	1.58E-03	Residence	2.15E-08	5.20E-07	5.73E-07	6.36E-08	1.18	0.00	5.13E-04	4.94E-04	4.77E-04	4.04E-05	6.78E-05	1.59E-03
606772	4121860	4.88E-04	4.72E-04	4.56E-04	2.32E-05	6.89E-05	1.51E-03	Residence	2.05E-08	4.96E-07	5.46E-07	6.06E-08	1.12	0.00	4.88E-04	4.72E-04	4.56E-04	3.77E-05	6.34E-05	1.52E-03
606792	4121860	4.60E-04	4.46E-04	4.32E-04	2.16E-05	6.46E-05	1.42E-03	Residence	1.93E-08	4.68E-07	5.15E-07	5.72E-08	1.06	0.00	4.60E-04	4.46E-04	4.32E-04	3.52E-05	5.94E-05	1.43E-03
606812	4121860	4.36E-04	4.23E-04	4.10E-04	2.03E-05	6.06E-05	1.35E-03	Residence	1.83E-08	4.43E-07	4.89E-07	5.43E-08	1.00	0.00	4.36E-04	4.23E-04	4.10E-04	3.29E-05	5.58E-05	1.36E-03
606832	4121860	4.14E-04	4.02E-04	3.91E-04	1.90E-05	5.71E-05	1.28E-03	Residence	1.74E-08	4.21E-07	4.64E-07	5.16E-08	0.95	0.00	4.14E-04	4.02E-04	3.91E-04	3.09E-05	5.25E-05	1.29E-03
606852	4121860	3.94E-04	3.83E-04	3.73E-04	1.79E-05	5.38E-05	1.22E-03	Residence	1.66E-08	4.01E-07	4.42E-07	4.91E-08	0.91	0.00	3.94E-04	3.83E-04	3.73E-04	2.90E-05	4.95E-05	1.23E-03
605632	4121880	1.33E-04	1.36E-04	1.38E-04	1.10E-05	4.16E-05	4.60E-04	Residence	6.24E-09	1.51E-07	1.67E-07	1.85E-08	0.34	0.00	1.33E-04	1.36E-04	1.38E-04	1.79E-05	3.83E-05	4.64E-04
605652	4121880	1.34E-04	1.37E-04	1.39E-04	1.17E-05	4.41E-05	4.66E-04	Residence	6.33E-09	1.53E-07	1.69E-07	1.87E-08	0.35	0.00	1.34E-04	1.37E-04	1.39E-04	1.89E-05	4.06E-05	4.70E-04
605672	4121880	1.39E-04	1.42E-04	1.44E-04	1.24E-05	4.70E-05	4.84E-04	Residence	6.57E-09	1.59E-07	1.75E-07	1.95E-08	0.36	0.00	1.39E-04	1.42E-04	1.44E-04	2.01E-05	4.32E-05	4.88E-04
605692	4121880	1.43E-04	1.46E-04	1.49E-04	1.32E-05	5.02E-05	5.02E-04	Residence	6.81E-09	1.65E-07	1.82E-07	2.02E-08	0.37	0.00	1.43E-04	1.46E-04	1.49E-04	2.14E-05	4.61E-05	5.06E-04
605712	4121880	1.46E-04	1.49E-04	1.52E-04	1.40E-05	5.36E-05	5.15E-04	Residence	6.98E-09	1.69E-07	1.86E-07	2.07E-08	0.38	0.00	1.46E-04	1.49E-04	1.52E-04	2.28E-05	4.93E-05	5.19E-04
605732	4121880	1.47E-04	1.50E-04	1.53E-04	1.50E-05	5.74E-05	5.23E-04	Residence	7.09E-09	1.72E-07	1.89E-07	2.10E-08	0.39	0.00	1.47E-04	1.50E-04	1.53E-04	2.43E-05	5.28E-05	5.28E-04
605752	4121880	1.52E-04	1.55E-04	1.58E-04	1.60E-05	6.18E-05	5.43E-04	Residence	7.36E-09	1.78E-07	1.97E-07	2.18E-08	0.40	0.00	1.52E-04	1.55E-04	1.58E-04	2.61E-05	5.68E-05	5.48E-04
605772	4121880	1.57E-04	1.60E-04	1.64E-04	1.73E-05	6.68E-05	5.65E-04	Residence	7.66E-09	1.86E-07	2.05E-07	2.27E-08	0.42	0.00	1.57E-04	1.60E-04	1.64E-04	2.80E-05	6.14E-05	5.70E-04
605792	4121880	1.59E-04	1.63E-04	1.67E-04	1.86E-05	7.23E-05	5.81E-04	Residence	7.88E-09	1.91E-07	2.10E-07	2.33E-08	0.43	0.00	1.59E-04	1.63E-04	1.67E-04	3.02E-05	6.65E-05	5.87E-04
605812	4121880	1.59E-04	1.63E-04	1.67E-04	2.01E-05	7.84E-05	5.88E-04	Residence	7.98E-09	1.93E-07	2.13E-07	2.37E-08	0.44	0.00	1.59E-04	1.63E-04	1.67E-04	3.26E-05	7.21E-05	5.95E-04
605832	4121880	1.62E-04	1.67E-04	1.71E-04	2.18E-05	8.56E-05	6.07E-04	Residence	8.23E-09	1.99E-07	2.20E-07	2.44E-08	0.45	0.00	1.62E-04	1.67E-04	1.71E-04	3.54E-05	7.88E-05	6.13E-04
605852	4121880	1.66E-04	1.71E-04	1.75E-04	2.38E-05	9.41E-05	6.29E-04	Residence	8.54E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.66E-04	1.71E-04	1.75E-04	3.86E-05	8.66E-05	6.37E-04
605872	4121880	1.67E-04	1.72E-04	1.77E-04	2.60E-05	1.04E-04	6.46E-04	Residence	8.76E-09	2.12E-07	2.34E-07	2.60E-08	0.48	0.00	1.67E-04	1.72E-04	1.77E-04	4.22E-05	9.54E-05	6.54E-04
605892	4121880	1.64E-04	1.69E-04	1.74E-04	2.85E-05	1.15E-04	6.51E-04	Residence	8.83E-09	2.14E-07	2.36E-07	2.62E-08	0.48	0.00	1.64E-04	1.69E-04	1.74E-04	4.64E-05	1.06E-04	6.60E-04
605912	4121880	1.66E-04	1.72E-04	1.77E-04	3.16E-05	1.28E-04	6.75E-04	Residence	9.15E-09	2.22E-07	2.44E-07	2.71E-08	0.50	0.00	1.66E-04	1.72E-04	1.77E-04	5.13E-05	1.18E-04	6.84E-04
605932	4121880	1.68E-04	1.74E-04	1.79E-04	3.51E-05	1.44E-04	6.99E-04	Residence	9.49E-09	2.30E-07	2.53E-07	2.81E-08	0.52	0.00	1.68E-04	1.74E-04	1.79E-04	5.70E-05	1.33E-04	7.10E-04
605952	4121880	1.70E-04	1.76E-04	1.82E-04	3.93E-05	1.64E-04	7.31E-04	Residence	9.91E-09	2.40E-07	2.65E-07	2.94E-08	0.54	0.00	1.70E-04	1.76E-04	1.82E-04	6.38E-05	1.51E-04	7.42E-04
605972	4121880	1.71E-04	1.77E-04	1.83E-04	4.43E-05	1.87E-04	7.63E-04	Residence	1.04E-08	2.51E-07	2.76E-07	3.07E-08	0.57	0.00	1.71E-04	1.77E-04	1.83E-04	7.19E-05	1.72E-04	7.76E-04
605992	4121880	1.72E-04	1.79E-04	1.85E-04	5.03E-05	2.17E-04	8.04E-04	Residence	1.09E-08	2.64E-07	2.91E-07	3.23E-08	0.60	0.00	1.72E-04	1.79E-04	1.85E-04	8.17E-05	1.99E-04	8.18E-04
606012	4121880	1.73E-04	1.80E-04	1.88E-04	5.77E-05	2.54E-04	8.53E-04	Residence	1.16E-08	2.80E-07	3.09E-07	3.43E-08	0.63	0.00	1.73E-04	1.80E-04	1.88E-04	9.37E-05	2.34E-04	8.69E-04
606032	4121880	1.75E-04	1.82E-04	1.90E-04	6.68E-05	3.03E-04	9.16E-04	Tulip Kids Academy	1.24E-08	3.01E-07	3.32E-07	3.68E-08	0.68	0.00	1.75E-04	1.82E-04	1.90E-04	1.09E-04	2.78E-04	9.34E-04
606052	4121880	1.78E-04	1.86E-04	1.94E-04	7.84E-05	3.67E-04	1.00E-03	Tulip Kids Academy	1.36E-08	3.30E-07	3.63E-07	4.03E-08	0.75	0.00	1.78E-04	1.86E-04	1.94E-04	1.27E-04	3.38E-04	1.02E-03
606072	4121880	1.83E-04	1.91E-04	2.00E-04	9.32E-05	4.56E-04	1.12E-03	Residence	1.52E-08	3.69E-07	4.06E-07	4.51E-08	0.84	0.00	1.83E-04	1.91E-04	2.00E-04	1.51E-04	4.19E-04	1.14E-03
606452	4121880	1.69E-03	1.48E-03	1.29E-03	1.15E-04	3.09E-04	4.88E-03	Worker	6.62E-08	1.60E-06	1.77E-06	1.96E-07	3.63	0.00	1.69E-03	1.48E-03	1.29E-03	1.87E-04	2.84E-04	4.93E-03
606472	4121880	1.45E-03	1.29E-03	1.14E-03	9.76E-05	2.66E-04	4.25E-03	Worker	5.76E-08	1.40E-06	1.54E-06	1.71E-07	3.16	0.00	1.45E-03	1.29E-03	1.14E-03	1.59E-04	2.45E-04	4.29E-03
606492	4121880	1.27E-03	1.13E-03	1.02E-03	8.40E-05	2.32E-04	3.73E-03	Residence	5.06E-08	1.23E-06	1.35E-06	1.50E-07	2.78	0.00	1.27E-03	1.13E-03	1.02E-03	1.36E-04	2.13E-04	3.77E-03
606512	4121880	1.12E-03	1.01E-03	9.19E-04	7.30E-05	2.04E-04	3.32E-03	Residence	4.51E-08	1.09E-06	1.20E-06	1.34E-07	2.47	0.00	1.12E-03	1.01E-03	9.19E-04	1.19E-04	1.88E-04	3.35E-03
606532	4121880	9.97E-04	9.11E-04	8.36E-04	6.42E-05	1.81E-04	2.99E-03	Residence	4.05E-08	9.82E-07	1.08E-06	1.20E-07	2.22	0.00	9.97E-04	9.11E-04	8.36E-04	1.04E-04	1.67E-04	3.01E-03
606552	4121880	9.00E-04	8.29E-04	7.67E-04	5.69E-05	1.62E-04	2.72E-03	Residence	3.68E-08	8.92E-07	9.83E-07	1.09E-07	2.02	0.00	9.00E-04	8.29E-04	7.67E-04	9.24E-05	1.49E-04	2.74E-03
606572	4121880	8.24E-04	7.65E-04	7.13E-04	5.09E-05	1.46E-04	2.50E-03	Residence	3.39E-08	8.21E-07	9.05E-07	1.00E-07	1.86	0.00	8.24E-04	7.65E-04	7.13E-04	8.27E-05	1.34E-04	2.52E-03
606592	4121880	7.58E-04	7.08E-04	6.64E-04	4.57E-05	1.32E-04	2.31E-03	Residence	3.13E-08	7.58E-07	8.36E-07	9.28E-08	1.72	0.00	7.58E-04	7.08E-04	6.64E-04	7.43E-05	1.22E-04	2.33E-03
606612	4121880	6.98E-04	6.56E-04	6.19E-04	4.13E-05	1.20E-04	2.13E-03	Residence	2.89E-08	7.01E-07	7.72E-07	8.58E-08	1.59	0.00	6.98E-04	6.56E-04	6.19E-04	6.71E-05	1.11E-04	2.15E-03
606632	4121880	6.44E-04	6.09E-04	5.77E-04	3.75E-05	1.10E-04	1.98E-03	Residence	2.68E-08	6.50E-07	7.16E-07	7.95E-08	1.47	0.00	6.44E-04	6.09E-04	5.77E-04	6.09E-05	1.01E-04	1.99E-03
606652	4121880	6.00E-04	5.69E-04	5.42E-04	3.42E-05	1.01E-04	1.85E-03	Residence	2.50E-08	6.06E-07	6.68E-07	7.42E-08	1.37	0.00	6.00E-04	5.69E-04	5.42E-04	5.55E-05	9.28E-05	1.86E-03
606672	4121880	5.65E-04	5.39E-04	5.15E-04	3.14E-05	9.31E-05	1.74E-03	Residence	2.36E-08	5.73E-07	6.31E-07	7.01E-08	1.30	0.00	5.65E-04	5.39E-04	5.15E-04	5.10E-05	8.56E-05	1.76E-03
606692	4121880	5.33E-04	5.10E-04	4.89E-04	2.89E-05	8.62E-05	1.65E-03	Residence	2.23E-08	5.41E-07	5.96E-07	6.62E-08	1.23	0.00	5.33E-04	5.10E-04	4.89E-04	4.70E-05	7.93E-05	1.66E-03
606712	4121880	5.04E-04	4.83E-04	4.65E-04	2.68E-05	8.00E-05	1.56E-03	Residence	2.11E-08	5.12E-07	5.64E-07	6.27E-08	1.16	0.00	5.04E-04	4.83E-04	4.65E-04	4.35E-05	7.36E-05	1.57E-03
606732	4121880	4.78E-04	4.60E-04	4.44E-04	2.48E-05	7.46E-05	1.48E-03	Residence	2.01E-08	4.87E-07	5.36E-07	5.96E-08	1.10	0.00	4.78E-04	4.60E-04	4.44E-04	4.04E-05	6.86E-05	1.49E-03
606752	4121880	4.55E-04	4.39E-04	4.24E-04	2.31E-05	6.97E-05	1.41E-03	Residence	1.91E-08	4.63E-07	5.11E-07	5.67E-08	1.05	0.00	4.55E-04	4.39E-04	4.24E-04	3.76E-05	6.41E-05	1.42E-03
606772	4121880	4.36E-04	4.22E-04	4.08E-04	2.16E-05	6.54E-05	1.35E-03	Residence	1.84E-08	4.45E-07	4.90E-07	5.44E-08	1.01	0.00	4.36E-04	4.22E-04	4.08E-04	3.51E-05	6.01E-05	1.36E-03
606792	4121880	4.14E-04	4.01E-04	3.89E-04	2.02E-05	6.13E-05	1.28E-03	Residence	1.74E-08	4.22E-07	4.65E-07	5.16E-08	0.96	0.00	4.14E-04	4.01E-04	3.89E-04	3.29E-05	5.64E-05	1.29E-03
606812	4121880	3.94E-04	3.82E-04	3.71E-04	1.90E-05	5.77E-05	1.22E-03	Residence	1.66E-08	4.02E-07	4.43E-07	4.92E-08	0.91	0.00	3.94E-04	3.82E-04	3.71E-04	3.08E-05	5.31E-05	1.23E-03

606832	4121880	3.75E-04	3.65E-04	3.55E-04	1.78E-05	5.44E-05	1.17E-03	Residence	1.58E-08	3.83E-07	4.22E-07	4.69E-08	0.87	0.00	3.75E-04	3.65E-04	3.55E-04	2.90E-05	5.01E-05	1.17E-03
606852	4121880	3.59E-04	3.49E-04	3.40E-04	1.68E-05	5.14E-05	1.12E-03	Residence	1.51E-08	3.66E-07	4.04E-07	4.48E-08	0.83	0.00	3.59E-04	3.49E-04	3.40E-04	2.73E-05	4.73E-05	1.12E-03
605632	4121900	1.42E-04	1.45E-04	1.48E-04	1.21E-05	4.34E-05	4.91E-04	Residence	6.66E-09	1.61E-07	1.78E-07	1.97E-08	0.37	0.00	1.42E-04	1.45E-04	1.48E-04	1.96E-05	3.99E-05	4.95E-04
605652	4121900	1.43E-04	1.46E-04	1.49E-04	1.28E-05	4.60E-05	4.97E-04	Residence	6.74E-09	1.63E-07	1.80E-07	2.00E-08	0.37	0.00	1.43E-04	1.46E-04	1.49E-04	2.08E-05	4.24E-05	5.01E-04
605672	4121900	1.48E-04	1.51E-04	1.54E-04	1.37E-05	4.91E-05	5.16E-04	Residence	7.00E-09	1.70E-07	1.87E-07	2.08E-08	0.38	0.00	1.48E-04	1.51E-04	1.54E-04	2.22E-05	4.52E-05	5.21E-04
605692	4121900	1.53E-04	1.57E-04	1.60E-04	1.46E-05	5.26E-05	5.37E-04	Residence	7.28E-09	1.76E-07	1.94E-07	2.16E-08	0.40	0.00	1.53E-04	1.57E-04	1.60E-04	2.37E-05	4.84E-05	5.41E-04
605712	4121900	1.57E-04	1.61E-04	1.64E-04	1.56E-05	5.63E-05	5.53E-04	Residence	7.50E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.57E-04	1.61E-04	1.64E-04	2.54E-05	5.18E-05	5.59E-04
605732	4121900	1.58E-04	1.62E-04	1.65E-04	1.68E-05	6.04E-05	5.62E-04	Residence	7.63E-09	1.85E-07	2.04E-07	2.26E-08	0.42	0.00	1.58E-04	1.62E-04	1.65E-04	2.72E-05	5.55E-05	5.68E-04
605752	4121900	1.63E-04	1.67E-04	1.71E-04	1.80E-05	6.52E-05	5.85E-04	Residence	7.94E-09	1.92E-07	2.12E-07	2.35E-08	0.44	0.00	1.63E-04	1.67E-04	1.71E-04	2.93E-05	5.99E-05	5.91E-04
605772	4121900	1.70E-04	1.74E-04	1.78E-04	1.95E-05	7.06E-05	6.12E-04	Residence	8.30E-09	2.01E-07	2.22E-07	2.46E-08	0.46	0.00	1.70E-04	1.74E-04	1.78E-04	3.17E-05	6.50E-05	6.18E-04
605792	4121900	1.73E-04	1.78E-04	1.82E-04	2.11E-05	7.66E-05	6.30E-04	Residence	8.55E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.73E-04	1.78E-04	1.82E-04	3.43E-05	7.05E-05	6.37E-04
605812	4121900	1.73E-04	1.78E-04	1.83E-04	2.30E-05	8.33E-05	6.40E-04	Residence	8.68E-09	2.10E-07	2.32E-07	2.57E-08	0.48	0.00	1.73E-04	1.78E-04	1.83E-04	3.73E-05	7.67E-05	6.48E-04
605832	4121900	1.77E-04	1.82E-04	1.87E-04	2.51E-05	9.14E-05	6.64E-04	Residence	9.00E-09	2.18E-07	2.40E-07	2.67E-08	0.49	0.00	1.77E-04	1.82E-04	1.87E-04	4.08E-05	8.41E-05	6.72E-04
605852	4121900	1.82E-04	1.87E-04	1.93E-04	2.76E-05	1.01E-04	6.90E-04	Residence	9.36E-09	2.27E-07	2.50E-07	2.77E-08	0.51	0.00	1.82E-04	1.87E-04	1.93E-04	4.48E-05	9.27E-05	7.00E-04
605872	4121900	1.83E-04	1.90E-04	1.95E-04	3.04E-05	1.11E-04	7.10E-04	Residence	9.63E-09	2.33E-07	2.57E-07	2.86E-08	0.53	0.00	1.83E-04	1.90E-04	1.95E-04	4.95E-05	1.03E-04	7.20E-04
605892	4121900	1.81E-04	1.88E-04	1.93E-04	3.38E-05	1.24E-04	7.20E-04	Residence	9.76E-09	2.36E-07	2.61E-07	2.89E-08	0.54	0.00	1.81E-04	1.88E-04	1.93E-04	5.49E-05	1.14E-04	7.31E-04
605912	4121900	1.83E-04	1.89E-04	1.95E-04	3.78E-05	1.39E-04	7.44E-04	Residence	1.01E-08	2.44E-07	2.69E-07	2.99E-08	0.55	0.00	1.83E-04	1.89E-04	1.95E-04	6.14E-05	1.28E-04	7.57E-04
605932	4121900	1.85E-04	1.92E-04	1.99E-04	4.25E-05	1.57E-04	7.75E-04	Residence	1.05E-08	2.55E-07	2.81E-07	3.12E-08	0.58	0.00	1.85E-04	1.92E-04	1.99E-04	6.91E-05	1.45E-04	7.89E-04
605952	4121900	1.88E-04	1.95E-04	2.02E-04	4.83E-05	1.80E-04	8.13E-04	Residence	1.10E-08	2.67E-07	2.94E-07	3.27E-08	0.61	0.00	1.88E-04	1.95E-04	2.02E-04	7.86E-05	1.65E-04	8.29E-04
605972	4121900	1.91E-04	2.00E-04	2.07E-04	5.55E-05	2.08E-04	8.61E-04	Residence	1.17E-08	2.83E-07	3.12E-07	3.46E-08	0.64	0.00	1.91E-04	2.00E-04	2.07E-04	9.02E-05	1.91E-04	8.80E-04
605992	4121900	1.95E-04	2.04E-04	2.12E-04	6.44E-05	2.43E-04	9.18E-04	Residence	1.24E-08	3.01E-07	3.32E-07	3.69E-08	0.68	0.00	1.95E-04	2.04E-04	2.12E-04	1.05E-04	2.23E-04	9.39E-04
606012	4121900	1.98E-04	2.08E-04	2.17E-04	7.58E-05	2.88E-04	9.87E-04	Residence	1.34E-08	3.24E-07	3.57E-07	3.97E-08	0.73	0.00	1.98E-04	2.08E-04	2.17E-04	1.23E-04	2.65E-04	1.01E-03
606032	4121900	2.02E-04	2.13E-04	2.24E-04	9.06E-05	3.48E-04	1.08E-03	Residence	1.46E-08	3.54E-07	3.90E-07	4.33E-08	0.80	0.00	2.02E-04	2.13E-04	2.24E-04	1.47E-04	3.20E-04	1.11E-03
606052	4121900	2.07E-04	2.18E-04	2.31E-04	1.10E-04	4.29E-04	1.20E-03	Residence	1.62E-08	3.93E-07	4.33E-07	4.80E-08	0.89	0.00	2.07E-04	2.18E-04	2.31E-04	1.79E-04	3.95E-04	1.23E-03
606072	4121900	2.12E-04	2.25E-04	2.38E-04	1.38E-04	5.44E-04	1.36E-03	Residence	1.84E-08	4.45E-07	4.91E-07	5.45E-08	1.01	0.00	2.12E-04	2.25E-04	2.38E-04	2.24E-04	5.00E-04	1.40E-03
606452	4121900	1.09E-03	9.37E-04	8.21E-04	9.76E-05	2.73E-04	3.22E-03	Worker	4.36E-08	1.06E-06	1.16E-06	1.29E-07	2.39	0.00	1.09E-03	9.37E-04	8.21E-04	1.59E-04	2.51E-04	3.25E-03
606472	4121900	9.82E-04	8.62E-04	7.68E-04	8.37E-05	2.37E-04	2.93E-03	Worker	3.98E-08	9.63E-07	1.06E-06	1.18E-07	2.18	0.00	9.82E-04	8.62E-04	7.68E-04	1.36E-04	2.18E-04	2.97E-03
606492	4121900	8.91E-04	7.95E-04	7.18E-04	7.28E-05	2.08E-04	2.69E-03	Residence	3.64E-08	8.82E-07	9.72E-07	1.08E-07	2.00	0.00	8.91E-04	7.95E-04	7.18E-04	1.18E-04	1.91E-04	2.71E-03
606512	4121900	8.16E-04	7.37E-04	6.73E-04	6.39E-05	1.85E-04	2.47E-03	Residence	3.36E-08	8.13E-07	8.96E-07	9.95E-08	1.84	0.00	8.16E-04	7.37E-04	6.73E-04	1.04E-04	1.70E-04	2.50E-03
606532	4121900	7.52E-04	6.87E-04	6.34E-04	5.66E-05	1.65E-04	2.29E-03	Residence	3.11E-08	7.54E-07	8.30E-07	9.22E-08	1.71	0.00	7.52E-04	6.87E-04	6.34E-04	9.20E-05	1.52E-04	2.32E-03
606552	4121900	6.97E-04	6.43E-04	5.98E-04	5.05E-05	1.48E-04	2.14E-03	Residence	2.90E-08	7.02E-07	7.73E-07	8.59E-08	1.59	0.00	6.97E-04	6.43E-04	5.98E-04	8.21E-05	1.36E-04	2.16E-03
606572	4121900	6.53E-04	6.07E-04	5.68E-04	4.55E-05	1.34E-04	2.01E-03	Residence	2.72E-08	6.60E-07	7.27E-07	8.07E-08	1.49	0.00	6.53E-04	6.07E-04	5.68E-04	7.39E-05	1.24E-04	2.03E-03
606592	4121900	6.13E-04	5.73E-04	5.40E-04	4.11E-05	1.22E-04	1.89E-03	Residence	2.56E-08	6.21E-07	6.84E-07	7.60E-08	1.41	0.00	6.13E-04	5.73E-04	5.40E-04	6.68E-05	1.12E-04	1.91E-03
606612	4121900	5.75E-04	5.41E-04	5.12E-04	3.74E-05	1.12E-04	1.78E-03	Residence	2.41E-08	5.84E-07	6.43E-07	7.14E-08	1.32	0.00	5.75E-04	5.41E-04	5.12E-04	6.07E-05	1.03E-04	1.79E-03
606632	4121900	5.40E-04	5.11E-04	4.86E-04	3.41E-05	1.02E-04	1.67E-03	Residence	2.27E-08	5.49E-07	6.06E-07	6.72E-08	1.24	0.00	5.40E-04	5.11E-04	4.86E-04	5.54E-05	9.42E-05	1.69E-03
606652	4121900	5.10E-04	4.85E-04	4.63E-04	3.12E-05	9.43E-05	1.58E-03	Residence	2.15E-08	5.20E-07	5.73E-07	6.36E-08	1.18	0.00	5.10E-04	4.85E-04	4.63E-04	5.08E-05	8.67E-05	1.59E-03
606672	4121900	4.87E-04	4.65E-04	4.45E-04	2.88E-05	8.73E-05	1.51E-03	Residence	2.05E-08	4.97E-07	5.48E-07	6.08E-08	1.13	0.00	4.87E-04	4.65E-04	4.45E-04	4.69E-05	8.03E-05	1.52E-03
606692	4121900	4.63E-04	4.43E-04	4.26E-04	2.67E-05	8.10E-05	1.44E-03	Residence	1.95E-08	4.73E-07	5.21E-07	5.79E-08	1.07	0.00	4.63E-04	4.43E-04	4.26E-04	4.33E-05	7.45E-05	1.45E-03
606712	4121900	4.42E-04	4.25E-04	4.09E-04	2.47E-05	7.55E-05	1.38E-03	Residence	1.87E-08	4.52E-07	4.98E-07	5.53E-08	1.02	0.00	4.42E-04	4.25E-04	4.09E-04	4.02E-05	6.94E-05	1.39E-03
606732	4121900	4.23E-04	4.08E-04	3.94E-04	2.30E-05	7.05E-05	1.32E-03	Residence	1.79E-08	4.33E-07	4.77E-07	5.30E-08	0.98	0.00	4.23E-04	4.08E-04	3.94E-04	3.75E-05	6.49E-05	1.33E-03
606752	4121900	4.06E-04	3.92E-04	3.80E-04	2.15E-05	6.60E-05	1.27E-03	Residence	1.72E-08	4.16E-07	4.58E-07	5.09E-08	0.94	0.00	4.06E-04	3.92E-04	3.80E-04	3.50E-05	6.08E-05	1.27E-03
606772	4121900	3.90E-04	3.78E-04	3.66E-04	2.02E-05	6.20E-05	1.22E-03	Residence	1.65E-08	3.99E-07	4.40E-07	4.89E-08	0.91	0.00	3.90E-04	3.78E-04	3.66E-04	3.28E-05	5.71E-05	1.22E-03
606792	4121900	3.74E-04	3.62E-04	3.52E-04	1.89E-05	5.83E-05	1.17E-03	Residence	1.58E-08	3.83E-07	4.22E-07	4.68E-08	0.87	0.00	3.74E-04	3.62E-04	3.52E-04	3.08E-05	5.37E-05	1.17E-03
606812	4121900	3.58E-04	3.48E-04	3.39E-04	1.78E-05	5.50E-05	1.12E-03	Residence	1.52E-08	3.67E-07	4.05E-07	4.49E-08	0.83	0.00	3.58E-04	3.48E-04	3.39E-04	2.89E-05	5.06E-05	1.12E-03
606832	4121900	3.44E-04	3.35E-04	3.26E-04	1.68E-05	5.20E-05	1.07E-03	Residence	1.46E-08	3.53E-07	3.89E-07	4.32E-08	0.80	0.00	3.44E-04	3.35E-04	3.26E-04	2.73E-05	4.78E-05	1.08E-03
606852	4121900	3.31E-04	3.22E-04	3.14E-04	1.59E-05	4.92E-05	1.03E-03	Residence	1.40E-08	3.39E-07	3.74E-07	4.15E-08	0.77	0.00	3.31E-04	3.22E-04	3.14E-04	2.58E-05	4.52E-05	1.04E-03
605632	4121920	1.52E-04	1.55E-04	1.58E-04	1.33E-05	4.53E-05	5.24E-04	Residence	7.10E-09	1.72E-07	1.90E-07	2.11E-08	0.39	0.00	1.52E-04	1.55E-04	1.58E-04	2.16E-05	4.17E-05	5.29E-04
605652	4121920	1.53E-04	1.57E-04	1.60E-04	1.41E-05	4.82E-05	5.32E-04	Residence	7.21E-09	1.75E-07	1.93E-07	2.14E-08	0.40	0.00	1.53E-04	1.57E-04	1.60E-04	2.30E-05	4.43E-05	5.37E-04
605672	4121920	1.59E-04	1.62E-04	1.66E-04	1.51E-05	5.15E-05	5.53E-04	Residence	7.51E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.59E-04	1.62E-04	1.66E-04	2.46E-05	4.74E-05	5.59E-04
605692	4121920	1.65E-04	1.68E-04	1.72E-04	1.62E-05	5.52E-05	5.77E-04	Residence	7.82E-09	1.89E-07	2.09E-07	2.32E-08	0.43	0.00	1.65E-04	1.68E-04	1.72E-04	2.63E-05	5.08E-05	5.82E-04
605712	4121920	1.69E-04	1.73E-04	1.77E-04	1.74E-05	5.92E-05	5.96E-04	Residence	8.09E-09	1.96E-07	2.16E-07	2.40E-08	0.44	0.00	1.69E-04	1.73E-04	1.77E-04	2.83E-05	5.45E-05	6.03E-04
605732	4121920	1.71E-04	1.75E-04	1.79E-04	1.87E-05	6.36E-05	6.07E-04	Residence	8.23E-09	1.99E-07	2.20E-07	2.44E-08	0.45	0.00	1.71E-04	1.75E-04	1.79E-04	3.05E-05	5.85E-05	6.14E-04
605752	4121920	1.77E-04	1.82E-04	1.86E-04	2.03E-05	6.89E-05	6.34E-04	Residence	8.60E-09	2.08E-07	2.30E-07	2.55E-08	0.47	0.00	1.77E-04	1.82E-04	1.86E-04	3.30E-05	6.33E-05	6.42E-04
605772	4121920	1.84E-04	1.89E-04	1.94E-04	2.21E-05	7.48E-05	6.63E-04	Residence	9.00E-09	2.18E-07	2.40E-07	2.67E-08	0.49	0.00	1.84E-04	1.89E-04	1.94E-04	3.58E-05	6.88E-05	6.71E-04
605792	4121920	1.88E-04	1.93E-04	1.99E-04	2.40E-05	8.14E-05	6.86E-04	Residence	9.30E-09	2.25E-07	2.48E-07	2.76E-08	0.51	0.00	1.88E-04	1.93E-04	1.99E-04	3.91E-05	7.49E-05	6.94E-04
605812	4121920	1.90E-04	1.95E-04	2.01E-04	2.63E-05	8.88E-05	7.00E-04	Residence	9.50E-09	2.30E-07	2.54E-07	2.82E-08	0.52	0.00	1.90E-04	1.95E-04	2.01E-04	4.27E-05	8.17E-05	7.10E-04
605832	4121920	1.95E-04	2.01E-04	2.07E-04	2.90E-05	9.77E-05	7.30E-04	Residence	9.90E-09	2.40E-07	2.64E-07	2.94E-08	0.54	0.00	1.95E-04	2.01E-04	2.07E-04	4.71E-05	8.99E-05	7.40E-04
605852	4121920	2.00E-04	2.07E-04	2.14E-04	3.21E-05	1.08E-04	7.61E-04	Residence	1.03E-08	2.50E-07	2.76E-07	3.06E-08	0.57	0.00	2.00E-04	2.07E-04	2.14E-04	5.21E-05	9.95E-05	7.73E-04
605872	4121920	2.03E-04	2.11E-04	2.18E-04	3.57E-05	1.20E-04	7.87E-04	Residence	1.07E-08	2.59E-07	2.85E-07	3.16E-08	0.59	0.00	2.03E-04	2.11E-04	2.18E-04	5.80E-05	1.11E-04	8.00E-04
605892	4121920	2.02E-04	2.10E-04	2.17E-04	4.00E-05	1.34E-04	8.03E-04	Residence	1.09E-08	2.64E-07	2.91E-07	3.23E-08	0.60	0.00	2.02E-04	2.10E-04	2.17E-04	6.50E-05	1.23E-04	8.17E-04
605912	4121920	2.08E-04	2.16E-04	2.24E-04	4.53E-05	1.52E-04	8.44E-04	Residence	1.14E-08	2.77E-07	3.06E-07	3.39E-08	0.63	0.00	2.08E-04	2.16E-04	2.24E-04	7.36E-05	1.40E-04	8.60E-04
605932	4121920	2.13E-04	2.22E-04	2.30E-04	5.17E-05	1.73E-04	8.89E-04	Residence	1.21E-08	2.92E-07	3.22E-07	3.57E-08	0.66	0.00	2.13E-04	2.22E-04	2.30E-04	8.40E-05	1.59E-04	9.08E-04
605952	4121920	2.16E-04	2.26E-04	2.36E-04	5.96E-05	1.99E-04	9.36E-04	Residence	1.27E-08	3.08E-07	3.39E-07	3.76E-08	0.70	0.00	2.16E-04	2.26E-04	2.36E-04	9.68E-05	1.83E-04	9.58E-04
605972	4121920	2.20E-04	2.31E-04	2.42E-04	6.95E-05	2.31E-04	9.94E-04	Residence	1.35E-08	3.27E-07	3.60E-07	4.00E-08	0.74	0.00	2.20E-04	2.31E-04	2.42E-04	1.13E-04	2.13E-04	1.02E-03
605992	4121920	2.25E-04	2.37E-04	2.49E-04	8.23E-05	2.73E-04	1.07E-03	Residence	1.44E-08	3.50E-07	3.86E-07	4.28E-08	0.79	0.00	2.25E-04	2.37E-04	2.49E-04	1.34E-04	2.51E-04	1.10E-03
606012	4121920	2.29E-04	2.43E-04	2.56E-04	9.92E-05	3.28E-04	1.16E-03	Residence	1.57E-08	3.79E-07	4.18E-07	4.64E-08	0.86	0.00	2.29E-04	2.43E-04	2.56E-04	1.61E-04	3.02E-04	1.19E-03
606032	4121920	2.36E-04	2.51E-04	2.66E-04	1.22E-04	4.02E-04	1.28E-03	Residence	1.73E-08	4.19E-07	4.62E-07	5.13E-08	0.95	0.00	2.36E-04	2.51E-04	2.66E-04	1.99E-04	3.70E-04	1.32E-03
606052	4121920	2.45E-04	2.61E-04	2.78E-04	1.55E-04	5.05E-04	1.44E-03	Residence	1.96E-08	4.74E-07	5.23E-07	5.80E-08	1.07	0.00	2.45E-04	2.61E-04	2.78E-04	2.51E-04	4.65E-04	1.50E-03
606072	4121920	2.56E-04	2.74E-04	2.94E-04	2.03E-04	6.57E-04	1.68E-03	Residence	2.28E-08	5.53E-07	6.10E-07	6.77E-08	1.25	0.00	2.56E-04	2.74E-04	2.94E-04	3.30E-04	6.04E-04	1.76E-03
606452	4121920	7.04E-04	6.24E-04	5.65E-04	8.27E-05	2.41E-04	2.22E-03	Worker	3.01E-08	7.28E-07	8.02E-07	8.91E-08	1.65	0.00	7.04E-04	6.24E-04	5.65E-04	1.34E-04	2.22E-04	2.25E-03
606472	4121920	6.70E-04	6.00E-04	5.47E-04	7.19E-05	2.12E-04	2.10E-03	Worker	2.85E-08	6.90E-07	7.61E-07	8.45E-08	1.56	0.00	6.70E-04	6.00E-04	5.47E-04	1.17E-04	1.95E-04	2.13E-03
606532	4121920	5.74E-04	5.30E-04	4.94E-04	5.01E-05	1.51E-04	1.80E-03	Residence	2.44E-08	5.91E-07	6.51E-07	7.23E-08	1.34	0.00	5.74E-04	5.30E-04	4.94E-04	8.13E-05	1.38E-04	1.82E-03
606572	4121920	5.22E-04	4.88E-04	4.61E-04	4.07E-05	1.24E-04	1.64E-03	Residence	2.22E-08	5.37E-07	5.92E-07	6.57E-08	1.22	0.00	5.22E-04	4.88E-04	4.61E-04	6.62E-05	1.14E-04	1.65E-03
606592	4121920	5.00E-04	4.70E-04	4.46E-04	3.71E-05	1.13E-04	1.57E-03	Residence	2.12E-08	5.15E-07	5.67E-07	6.30E-08	1.17	0.00	5.00E-04	4.70E-04	4.46E-04	6.03E-05	1.04E-04	1.58E-03
606612	4121920	4.78E-04	4.53E-04	4.31E-04	3.39E-05	1.04E-04	1.50E-03	Residence	2.03E-08	4.93E-07	5.43E-07	6.03E-08	1.12	0.00	4.78E-04	4.53E-04	4.31E-04	5.51E-05	9.55E-05	1.51E-03
606632	4121920	4.56E-04	4.34E-04	4.14E-04	3.11E-05	9.56E-05	1.43E-03	Residence	1.94E-08	4.70E-07	5.18E-07	5.75E-08	1.07	0.00	4.56E-04	4.34E-04	4.14E-04	5.05E-05	8.79E-05	1.44E-03
606652	4121920	4.37E-04	4.17E-04	4.00E-04	2.86E-05	8.83E-05	1.37E-03	Residence	1.86E-08	4.50E-07	4.96E-07	5.51E-08	1.02	0.00	4.37E-04	4.17E-04	4.00E-04	4.65E-05	8.12E-05	1.38E-03
606672	4121920	4.22E-04	4.04E-04	3.88E-04	2.65E-05	8.20E-05	1.32E-03	Residence	1.79E-08	4.34E-07	4.79E-07	5.31E-08	0.98	0.00	4.22E-04	4.04E-04	3.88E-04	4.31E-05	7.55E-05	1.33E-03
606692	4121920	4.04E-04	3.88E-04	3.74E-04	2.46E-05	7.62E-05	1.27E-03	Residence	1.72E-08	4.16E-07	4.58E-07	5.09E-08	0.94	0.00	4.04E-04	3.88E-04	3.74E-04	3.99E-05	7.01E-05	1.28E-03
606712	4121920	3.88E-04	3.74E-04	3.61E-04	2.29E-05	7.12E-05	1.22E-03	Residence	1.65E-08	4.00E-07	4.41E-07	4.89E-08	0.91	0.00	3.88E-04	3.74E-04	3.61E-04	3.72E-05	6.55E-05	1.23E-03
606732	4121920	3.74E-04	3.61E-04	3.50E-04	2.14E-05	6.66E-05	1.17E-03	Residence	1.59E-08	3.85E-07	4.25E-07	4.72E-08	0.87	0.00	3.74E-04	3.61E-04	3.50E-04	3.47E-05	6.13E-05	1.18E-03
606752	4121920	3.60E-04	3.49E-04	3.38E-04	2.00E-05	6.25E-05	1.13E-03	Residence	1.53E-08	3.71E-07	4.09E-07	4.54E-08	0.84	0.00	3.60E-04	3.49E-04	3.38E-04	3.25E-05	5.75E-05	1.14E-03
606772	4121920	3.48E-04	3.37E-04	3.28E-04	1.88E-05	5.89E-05	1.09E-03	Residence	1.48E-08	3.58E-07	3.95E-07	4.38E-08	0.81	0.00	3.48E-04	3.37E-04	3.28E-04	3.06E-05	5.41E-05	1.10E-03

606792	4121920	3.35E-04	3.26E-04	3.17E-04	1.77E-05	5.55E-05	1.05E-03	Residence	1.43E-08	3.45E-07	3.81E-07	4.23E-08	0.78	0.00	3.35E-04	3.26E-04	3.17E-04	2.88E-05	5.10E-05	1.06E-03
606812	4121920	3.24E-04	3.15E-04	3.07E-04	1.67E-05	5.24E-05	1.01E-03	Residence	1.38E-08	3.33E-07	3.67E-07	4.08E-08	0.75	0.00	3.24E-04	3.15E-04	3.07E-04	2.71E-05	4.82E-05	1.02E-03
606832	4121920	3.12E-04	3.04E-04	2.97E-04	1.58E-05	4.96E-05	9.78E-04	Residence	1.33E-08	3.21E-07	3.54E-07	3.93E-08	0.73	0.00	3.12E-04	3.04E-04	2.97E-04	2.56E-05	4.56E-05	9.84E-04
606852	4121920	3.02E-04	2.95E-04	2.88E-04	1.49E-05	4.70E-05	9.47E-04	Residence	1.28E-08	3.11E-07	3.43E-07	3.81E-08	0.70	0.00	3.02E-04	2.95E-04	2.88E-04	2.43E-05	4.33E-05	9.52E-04
605632	4121940	1.63E-04	1.66E-04	1.69E-04	1.46E-05	4.74E-05	5.60E-04	Residence	7.60E-09	1.84E-07	2.03E-07	2.25E-08	0.42	0.00	1.63E-04	1.66E-04	1.69E-04	2.37E-05	4.36E-05	5.65E-04
605652	4121940	1.67E-04	1.70E-04	1.74E-04	1.56E-05	5.05E-05	5.77E-04	Venegas Family Daycare	7.83E-09	1.90E-07	2.09E-07	2.32E-08	0.43	0.00	1.67E-04	1.70E-04	1.74E-04	2.53E-05	4.65E-05	5.83E-04
605672	4121940	1.72E-04	1.76E-04	1.80E-04	1.67E-05	5.40E-05	5.98E-04	Venegas Family Daycare	8.11E-09	1.97E-07	2.17E-07	2.40E-08	0.45	0.00	1.72E-04	1.76E-04	1.80E-04	2.72E-05	4.97E-05	6.04E-04
605692	4121940	1.78E-04	1.82E-04	1.86E-04	1.80E-05	5.80E-05	6.22E-04	Residence	8.43E-09	2.04E-07	2.25E-07	2.50E-08	0.46	0.00	1.78E-04	1.82E-04	1.86E-04	2.92E-05	5.33E-05	6.28E-04
605712	4121940	1.83E-04	1.88E-04	1.92E-04	1.94E-05	6.24E-05	6.45E-04	Residence	8.75E-09	2.12E-07	2.34E-07	2.59E-08	0.48	0.00	1.83E-04	1.88E-04	1.92E-04	3.15E-05	5.74E-05	6.52E-04
605732	4121940	1.88E-04	1.93E-04	1.98E-04	2.10E-05	6.73E-05	6.67E-04	Residence	9.05E-09	2.19E-07	2.42E-07	2.68E-08	0.50	0.00	1.88E-04	1.93E-04	1.98E-04	3.41E-05	6.19E-05	6.75E-04
605752	4121940	1.94E-04	1.99E-04	2.04E-04	2.28E-05	7.29E-05	6.94E-04	Residence	9.41E-09	2.28E-07	2.51E-07	2.79E-08	0.52	0.00	1.94E-04	1.99E-04	2.04E-04	3.71E-05	6.71E-05	7.02E-04
605772	4121940	2.01E-04	2.07E-04	2.12E-04	2.49E-05	7.93E-05	7.23E-04	Residence	9.81E-09	2.38E-07	2.62E-07	2.91E-08	0.54	0.00	2.01E-04	2.07E-04	2.12E-04	4.05E-05	7.30E-05	7.33E-04
605792	4121940	2.06E-04	2.12E-04	2.18E-04	2.73E-05	8.65E-05	7.50E-04	Residence	1.02E-08	2.46E-07	2.71E-07	3.01E-08	0.56	0.00	2.06E-04	2.12E-04	2.18E-04	4.44E-05	7.96E-05	7.60E-04
605812	4121940	2.08E-04	2.15E-04	2.21E-04	3.01E-05	9.47E-05	7.68E-04	Residence	1.04E-08	2.52E-07	2.78E-07	3.09E-08	0.57	0.00	2.08E-04	2.15E-04	2.21E-04	4.88E-05	8.72E-05	7.80E-04
605832	4121940	2.16E-04	2.23E-04	2.30E-04	3.33E-05	1.05E-04	8.08E-04	Residence	1.10E-08	2.65E-07	2.92E-07	3.25E-08	0.60	0.00	2.16E-04	2.23E-04	2.30E-04	5.42E-05	9.63E-05	8.20E-04
605852	4121940	2.22E-04	2.30E-04	2.38E-04	3.72E-05	1.16E-04	8.44E-04	Residence	1.14E-08	2.77E-07	3.05E-07	3.39E-08	0.63	0.00	2.22E-04	2.30E-04	2.38E-04	6.04E-05	1.07E-04	8.58E-04
605872	4121940	2.27E-04	2.35E-04	2.44E-04	4.17E-05	1.30E-04	8.78E-04	Residence	1.19E-08	2.88E-07	3.18E-07	3.53E-08	0.65	0.00	2.27E-04	2.35E-04	2.44E-04	6.78E-05	1.19E-04	8.93E-04
605892	4121940	2.27E-04	2.36E-04	2.45E-04	4.72E-05	1.46E-04	9.01E-04	Residence	1.22E-08	2.96E-07	3.26E-07	3.62E-08	0.67	0.00	2.27E-04	2.36E-04	2.45E-04	7.67E-05	1.34E-04	9.19E-04
605912	4121940	2.37E-04	2.46E-04	2.56E-04	5.39E-05	1.66E-04	9.58E-04	Residence	1.30E-08	3.15E-07	3.47E-07	3.85E-08	0.71	0.00	2.37E-04	2.46E-04	2.56E-04	8.76E-05	1.53E-04	9.79E-04
605932	4121940	2.43E-04	2.54E-04	2.64E-04	6.22E-05	1.90E-04	1.01E-03	Residence	1.37E-08	3.33E-07	3.67E-07	4.07E-08	0.75	0.00	2.43E-04	2.54E-04	2.64E-04	1.01E-04	1.75E-04	1.04E-03
605952	4121940	2.48E-04	2.61E-04	2.73E-04	7.26E-05	2.20E-04	1.07E-03	Residence	1.46E-08	3.53E-07	3.89E-07	4.32E-08	0.80	0.00	2.48E-04	2.61E-04	2.73E-04	1.18E-04	2.02E-04	1.10E-03
605972	4121940	2.55E-04	2.69E-04	2.82E-04	8.60E-05	2.58E-04	1.15E-03	Residence	1.56E-08	3.78E-07	4.16E-07	4.62E-08	0.86	0.00	2.55E-04	2.69E-04	2.82E-04	1.40E-04	2.38E-04	1.18E-03
605992	4121940	2.63E-04	2.78E-04	2.93E-04	1.04E-04	3.08E-04	1.25E-03	Residence	1.69E-08	4.10E-07	4.51E-07	5.01E-08	0.93	0.00	2.63E-04	2.78E-04	2.93E-04	1.68E-04	2.83E-04	1.29E-03
606012	4121940	2.72E-04	2.89E-04	3.05E-04	1.28E-04	3.74E-04	1.37E-03	Residence	1.85E-08	4.49E-07	4.95E-07	5.50E-08	1.02	0.00	2.72E-04	2.89E-04	3.05E-04	2.07E-04	3.44E-04	1.42E-03
606032	4121940	2.84E-04	3.03E-04	3.22E-04	1.61E-04	4.65E-04	1.53E-03	Residence	2.08E-08	5.04E-07	5.55E-07	6.17E-08	1.14	0.00	2.84E-04	3.03E-04	3.22E-04	2.62E-04	4.28E-04	1.60E-03
606052	4121940	3.00E-04	3.21E-04	3.43E-04	2.10E-04	5.93E-04	1.77E-03	Residence	2.40E-08	5.81E-07	6.40E-07	7.10E-08	1.32	0.00	3.00E-04	3.21E-04	3.43E-04	3.42E-04	5.46E-04	1.85E-03
606072	4121940	3.20E-04	3.44E-04	3.70E-04	2.87E-04	7.83E-04	2.10E-03	Residence	2.85E-08	6.91E-07	7.61E-07	8.45E-08	1.57	0.00	3.20E-04	3.44E-04	3.70E-04	4.66E-04	7.20E-04	2.22E-03
606532	4121940	4.54E-04	4.24E-04	4.00E-04	4.46E-05	1.38E-04	1.46E-03	Residence	1.98E-08	4.79E-07	5.28E-07	5.87E-08	1.09	0.00	4.54E-04	4.24E-04	4.00E-04	7.25E-05	1.27E-04	1.48E-03
606572	4121940	4.28E-04	4.04E-04	3.84E-04	3.68E-05	1.15E-04	1.37E-03	Residence	1.85E-08	4.49E-07	4.95E-07	5.49E-08	1.02	0.00	4.28E-04	4.04E-04	3.84E-04	5.97E-05	1.05E-04	1.38E-03
606592	4121940	4.17E-04	3.95E-04	3.77E-04	3.37E-05	1.05E-04	1.33E-03	Residence	1.80E-08	4.36E-07	4.81E-07	5.34E-08	0.99	0.00	4.17E-04	3.95E-04	3.77E-04	5.47E-05	9.68E-05	1.34E-03
606612	4121940	4.05E-04	3.85E-04	3.69E-04	3.09E-05	9.69E-05	1.29E-03	Residence	1.75E-08	4.23E-07	4.66E-07	5.17E-08	0.96	0.00	4.05E-04	3.85E-04	3.69E-04	5.02E-05	8.92E-05	1.30E-03
606632	4121940	3.91E-04	3.74E-04	3.59E-04	2.85E-05	8.95E-05	1.24E-03	Residence	1.69E-08	4.08E-07	4.50E-07	4.99E-08	0.92	0.00	3.91E-04	3.74E-04	3.59E-04	4.63E-05	8.23E-05	1.25E-03
606652	4121940	3.80E-04	3.64E-04	3.50E-04	2.63E-05	8.30E-05	1.20E-03	Residence	1.63E-08	3.95E-07	4.36E-07	4.84E-08	0.90	0.00	3.80E-04	3.64E-04	3.50E-04	4.28E-05	7.63E-05	1.21E-03
606672	4121940	3.70E-04	3.56E-04	3.43E-04	2.45E-05	7.73E-05	1.17E-03	Residence	1.59E-08	3.85E-07	4.24E-07	4.71E-08	0.87	0.00	3.70E-04	3.56E-04	3.43E-04	3.98E-05	7.11E-05	1.18E-03
606692	4121940	3.57E-04	3.44E-04	3.33E-04	2.28E-05	7.20E-05	1.13E-03	Residence	1.53E-08	3.71E-07	4.09E-07	4.54E-08	0.84	0.00	3.57E-04	3.44E-04	3.33E-04	3.70E-05	6.62E-05	1.14E-03
606712	4121940	3.46E-04	3.34E-04	3.24E-04	2.13E-05	6.73E-05	1.09E-03	Residence	1.48E-08	3.59E-07	3.95E-07	4.39E-08	0.81	0.00	3.46E-04	3.34E-04	3.24E-04	3.46E-05	6.20E-05	1.10E-03
606732	4121940	3.36E-04	3.25E-04	3.16E-04	1.99E-05	6.32E-05	1.06E-03	Residence	1.44E-08	3.48E-07	3.84E-07	4.26E-08	0.79	0.00	3.36E-04	3.25E-04	3.16E-04	3.24E-05	5.82E-05	1.07E-03
606752	4121940	3.25E-04	3.15E-04	3.07E-04	1.87E-05	5.94E-05	1.03E-03	Residence	1.39E-08	3.37E-07	3.71E-07	4.12E-08	0.76	0.00	3.25E-04	3.15E-04	3.07E-04	3.04E-05	5.47E-05	1.03E-03
606772	4121940	3.15E-04	3.06E-04	2.98E-04	1.76E-05	5.60E-05	9.92E-04	Residence	1.34E-08	3.26E-07	3.59E-07	3.99E-08	0.74	0.00	3.15E-04	3.06E-04	2.98E-04	2.86E-05	5.15E-05	9.98E-04
606792	4121940	3.04E-04	2.96E-04	2.89E-04	1.66E-05	5.29E-05	9.59E-04	Residence	1.30E-08	3.15E-07	3.47E-07	3.86E-08	0.71	0.00	3.04E-04	2.96E-04	2.89E-04	2.70E-05	4.86E-05	9.65E-04
606812	4121940	2.94E-04	2.87E-04	2.80E-04	1.57E-05	5.00E-05	9.26E-04	Residence	1.26E-08	3.04E-07	3.35E-07	3.72E-08	0.69	0.00	2.94E-04	2.87E-04	2.80E-04	2.55E-05	4.60E-05	9.32E-04
606832	4121940	2.85E-04	2.78E-04	2.72E-04	1.49E-05	4.74E-05	8.97E-04	Residence	1.22E-08	2.95E-07	3.25E-07	3.61E-08	0.67	0.00	2.85E-04	2.78E-04	2.72E-04	2.41E-05	4.36E-05	9.03E-04
606852	4121940	2.78E-04	2.72E-04	2.66E-04	1.41E-05	4.50E-05	8.75E-04	Residence	1.19E-08	2.87E-07	3.17E-07	3.52E-08	0.65	0.00	2.78E-04	2.72E-04	2.66E-04	2.29E-05	4.14E-05	8.80E-04
605632	4121960	1.74E-04	1.78E-04	1.82E-04	1.60E-05	4.95E-05	5.99E-04	Residence	8.13E-09	1.97E-07	2.17E-07	2.41E-08	0.45	0.00	1.74E-04	1.78E-04	1.82E-04	2.60E-05	4.56E-05	6.05E-04
605652	4121960	1.80E-04	1.84E-04	1.88E-04	1.71E-05	5.29E-05	6.21E-04	Residence	8.42E-09	2.04E-07	2.25E-07	2.50E-08	0.46	0.00	1.80E-04	1.84E-04	1.88E-04	2.78E-05	4.87E-05	6.27E-04
605672	4121960	1.86E-04	1.90E-04	1.94E-04	1.84E-05	5.67E-05	6.45E-04	Residence	8.75E-09	2.12E-07	2.33E-07	2.59E-08	0.48	0.00	1.86E-04	1.90E-04	1.94E-04	3.00E-05	5.22E-05	6.52E-04
605692	4121960	1.92E-04	1.96E-04	2.01E-04	1.99E-05	6.09E-05	6.69E-04	Residence	9.08E-09	2.20E-07	2.42E-07	2.69E-08	0.50	0.00	1.92E-04	1.96E-04	2.01E-04	3.23E-05	5.61E-05	6.77E-04
605712	4121960	1.98E-04	2.03E-04	2.08E-04	2.15E-05	6.57E-05	6.96E-04	Residence	9.44E-09	2.29E-07	2.52E-07	2.80E-08	0.52	0.00	1.98E-04	2.03E-04	2.08E-04	3.50E-05	6.04E-05	7.04E-04
605732	4121960	2.05E-04	2.10E-04	2.16E-04	2.34E-05	7.11E-05	7.26E-04	Residence	9.84E-09	2.38E-07	2.63E-07	2.92E-08	0.54	0.00	2.05E-04	2.10E-04	2.16E-04	3.81E-05	6.54E-05	7.35E-04
605752	4121960	2.12E-04	2.18E-04	2.23E-04	2.56E-05	7.72E-05	7.56E-04	Residence	1.02E-08	2.48E-07	2.74E-07	3.04E-08	0.56	0.00	2.12E-04	2.18E-04	2.23E-04	4.15E-05	7.10E-05	7.66E-04
605772	4121960	2.20E-04	2.26E-04	2.32E-04	2.80E-05	8.42E-05	7.90E-04	Residence	1.07E-08	2.60E-07	2.86E-07	3.18E-08	0.59	0.00	2.20E-04	2.26E-04	2.32E-04	4.55E-05	7.74E-05	8.01E-04
605792	4121960	2.25E-04	2.32E-04	2.39E-04	3.09E-05	9.21E-05	8.19E-04	Residence	1.11E-08	2.69E-07	2.97E-07	3.29E-08	0.61	0.00	2.25E-04	2.32E-04	2.39E-04	5.02E-05	8.47E-05	8.31E-04
605812	4121960	2.30E-04	2.38E-04	2.45E-04	3.42E-05	1.01E-04	8.48E-04	Residence	1.15E-08	2.79E-07	3.07E-07	3.41E-08	0.63	0.00	2.30E-04	2.38E-04	2.45E-04	5.55E-05	9.31E-05	8.61E-04
605832	4121960	2.41E-04	2.50E-04	2.57E-04	3.81E-05	1.12E-04	8.99E-04	Residence	1.22E-08	2.95E-07	3.25E-07	3.61E-08	0.67	0.00	2.41E-04	2.50E-04	2.57E-04	6.19E-05	1.03E-04	9.13E-04
605852	4121960	2.48E-04	2.57E-04	2.66E-04	4.27E-05	1.25E-04	9.38E-04	Residence	1.27E-08	3.08E-07	3.40E-07	3.77E-08	0.70	0.00	2.48E-04	2.57E-04	2.66E-04	6.94E-05	1.15E-04	9.55E-04
605872	4121960	2.55E-04	2.64E-04	2.74E-04	4.83E-05	1.40E-04	9.81E-04	Residence	1.33E-08	3.22E-07	3.55E-07	3.95E-08	0.73	0.00	2.55E-04	2.64E-04	2.74E-04	7.85E-05	1.29E-04	1.00E-03
605892	4121960	2.58E-04	2.68E-04	2.78E-04	5.50E-05	1.58E-04	1.02E-03	Residence	1.38E-08	3.34E-07	3.68E-07	4.08E-08	0.76	0.00	2.58E-04	2.68E-04	2.78E-04	8.94E-05	1.46E-04	1.04E-03
605912	4121960	2.70E-04	2.81E-04	2.92E-04	6.34E-05	1.81E-04	1.09E-03	Residence	1.47E-08	3.57E-07	3.94E-07	4.37E-08	0.81	0.00	2.70E-04	2.81E-04	2.92E-04	1.03E-04	1.67E-04	1.11E-03
605932	4121960	2.78E-04	2.91E-04	3.04E-04	7.39E-05	2.09E-04	1.16E-03	Residence	1.57E-08	3.80E-07	4.19E-07	4.65E-08	0.86	0.00	2.78E-04	2.91E-04	3.04E-04	1.20E-04	1.92E-04	1.19E-03
605952	4121960	2.89E-04	3.03E-04	3.17E-04	8.71E-05	2.43E-04	1.24E-03	Residence	1.68E-08	4.07E-07	4.48E-07	4.98E-08	0.92	0.00	2.89E-04	3.03E-04	3.17E-04	1.42E-04	2.24E-04	1.27E-03
605972	4121960	3.00E-04	3.16E-04	3.31E-04	1.04E-04	2.88E-04	1.34E-03	Residence	1.82E-08	4.40E-07	4.85E-07	5.39E-08	1.00	0.00	3.00E-04	3.16E-04	3.31E-04	1.70E-04	2.65E-04	1.38E-03
605992	4121960	3.14E-04	3.32E-04	3.49E-04	1.28E-04	3.46E-04	1.47E-03	Residence	1.99E-08	4.82E-07	5.31E-07	5.90E-08	1.09	0.00	3.14E-04	3.32E-04	3.49E-04	2.07E-04	3.18E-04	1.52E-03
606012	4121960	3.29E-04	3.49E-04	3.69E-04	1.59E-04	4.23E-04	1.63E-03	Residence	2.21E-08	5.36E-07	5.90E-07	6.55E-08	1.21	0.00	3.29E-04	3.49E-04	3.69E-04	2.59E-04	3.89E-04	1.70E-03
606032	4121960	3.48E-04	3.70E-04	3.93E-04	2.04E-04	5.28E-04	1.84E-03	Residence	2.50E-08	6.06E-07	6.67E-07	7.41E-08	1.37	0.00	3.48E-04	3.70E-04	3.93E-04	3.32E-04	4.86E-04	1.93E-03
606052	4121960	3.73E-04	3.98E-04	4.24E-04	2.71E-04	6.74E-04	2.14E-03	Residence	2.90E-08	7.03E-07	7.75E-07	8.60E-08	1.59	0.00	3.73E-04	3.98E-04	4.24E-04	4.40E-04	6.20E-04	2.26E-03
606072	4121960	4.04E-04	4.33E-04	4.62E-04	3.73E-04	8.82E-04	2.55E-03	Residence	3.46E-08	8.39E-07	9.24E-07	1.03E-07	1.90	0.00	4.04E-04	4.33E-04	4.62E-04	6.07E-04	8.11E-04	2.72E-03
606572	4121960	3.61E-04	3.43E-04	3.29E-04	3.35E-05	1.07E-04	1.17E-03	Residence	1.59E-08	3.85E-07	4.25E-07	4.71E-08	0.87	0.00	3.61E-04	3.43E-04	3.29E-04	5.45E-05	9.82E-05	1.19E-03
606592	4121960	3.56E-04	3.40E-04	3.27E-04	3.08E-05	9.84E-05	1.15E-03	Residence	1.56E-08	3.78E-07	4.17E-07	4.63E-08	0.86	0.00	3.56E-04	3.40E-04	3.27E-04	5.01E-05	9.05E-05	1.16E-03
606612	4121960	3.49E-04	3.34E-04	3.22E-04	2.84E-05	9.09E-05	1.13E-03	Residence	1.53E-08	3.70E-07	4.07E-07	4.52E-08	0.84	0.00	3.49E-04	3.34E-04	3.22E-04	4.62E-05	8.36E-05	1.14E-03
606632	4121960	3.41E-04	3.28E-04	3.17E-04	2.63E-05	8.41E-05	1.10E-03	Residence	1.49E-08	3.60E-07	3.97E-07	4.41E-08	0.82	0.00	3.41E-04	3.28E-04	3.17E-04	4.27E-05	7.74E-05	1.11E-03
606652	4121960	3.35E-04	3.22E-04	3.12E-04	2.44E-05	7.82E-05	1.07E-03	Residence	1.45E-08	3.52E-07	3.88E-07	4.31E-08	0.80	0.00	3.35E-04	3.22E-04	3.12E-04	3.96E-05	7.20E-05	1.08E-03
606672	4121960	3.29E-04	3.17E-04	3.08E-04	2.27E-05	7.30E-05	1.05E-03	Residence	1.42E-08	3.45E-07	3.80E-07	4.22E-08	0.78	0.00	3.29E-04	3.17E-04	3.08E-04	3.70E-05	6.72E-05	1.06E-03
606692	4121960	3.20E-04	3.09E-04	3.00E-04	2.12E-05	6.82E-05	1.02E-03	Residence	1.38E-08	3.35E-07	3.69E-07	4.09E-08	0.76	0.00	3.20E-04	3.09E-04	3.00E-04	3.45E-05	6.28E-05	1.03E-03
606712	4121960	3.12E-04	3.02E-04	2.94E-04	1.99E-05	6.39E-05	9.91E-04	Residence	1.34E-08	3.25E-07	3.59E-07	3.98E-08	0.74	0.00	3.12E-04	3.02E-04	2.94E-04	3.23E-05	5.88E-05	9.98E-04
606732	4121960	3.06E-04	2.98E-04	2.90E-04	1.87E-05	6.02E-05	9.73E-04	Residence	1.32E-08	3.20E-07	3.52E-07	3.91E-08	0.72	0.00	3.06E-04	2.98E-04	2.90E-04	3.04E-05	5.54E-05	9.80E-04
606752	4121960	2.97E-04	2.89E-04	2.82E-04	1.76E-05	5.67E-05	9.43E-04	Residence	1.28E-08	3.10E-07	3.41E-07	3.79E-08	0.70	0.00	2.97E-04	2.89E-04	2.82E-04	2.86E-05	5.21E-05	9.50E-04
606772	4121960	2.89E-04	2.82E-04	2.75E-04	1.66E-05	5.35E-05	9.16E-04	Residence	1.24E-08	3.01E-07	3.32E-07	3.68E-08	0.68	0.00	2.89E-04	2.82E-04	2.75E-04	2.69E-05	4.92E-05	9.22E-04
606792	4121960	2.81E-04	2.74E-04	2.68E-04	1.57E-05	5.06E-05	8.90E-04	Residence	1.21E-08	2.92E-07	3.22E-07	3.58E-08	0.66	0.00	2.81E-04	2.74E-04	2.68E-04	2.54E-05	4.65E-05	8.96E-04
606812	4121960	2.71E-04	2.64E-04	2.58E-04	1.48E-05	4.78E-05	8.56E-04	Residence	1.16E-08	2.81E-07	3.10E-07	3.44E-08	0.64	0.00	2.71E-04	2.64E-04	2.58E-04	2.41E-05	4.40E-05	8.61E-04
606832	4121960	2.63E-04	2.57E-04	2.51E-04	1.40E-05	4.54E-05	8.31E-04	Residence	1.13E-08	2.73E-07	3.01E-07	3.34E-08	0.62	0.00	2.63E-04	2.57E-04	2.51E-04	2.28E-05	4.18E-05	8.36E-04
606852	4121960	2.58E-04	2.52E-04	2.47E-04	1.34E-05	4.32E-05	8.13E-04	Residence	1.10E-08	2.67E-07	2.94E-07	3.27E-08	0.61	0.00	2.58E-04	2.52E-04	2.47E-04	2.17E-05	3.97E-05	8.18E-04
605632	4121980	1.85E-04	1.89E-04	1.93E-04	1.75E-05	5.17E-05	6.37E-04	Residence	8.64E-09	2.09E-07	2.31E-07	2.56E-08	0.47	0.00	1.85E-04	1.89E-04	1.93E-04	2.84E-05	4.76E-05	6.44E-04
605652	4121980	1.92E-04	1.96E-04	2.00E-04	1.88E-05	5.54E-05	6.62E-04	Residence	8.97E-09	2.17E-07	2.40E-07	2.66E-08	0.49	0.00	1.92E-04	1.96E-04	2.00E-04	3.05E-05	5.09E-05	6.69E-04

605672	4121980	1.98E-04	2.03E-04	2.07E-04	2.02E-05	5.94E-05	6.87E-04	Residence	9.32E-09	2.26E-07	2.49E-07	2.76E-08	0.51	0.00	1.98E-04	2.03E-04	2.07E-04	3.29E-05	5.47E-05	6.95E-04
605692	4121980	2.05E-04	2.10E-04	2.14E-04	2.19E-05	6.40E-05	7.15E-04	Residence	9.69E-09	2.35E-07	2.59E-07	2.87E-08	0.53	0.00	2.05E-04	2.10E-04	2.14E-04	3.56E-05	5.88E-05	7.23E-04
605712	4121980	2.12E-04	2.18E-04	2.23E-04	2.38E-05	6.91E-05	7.46E-04	Residence	1.01E-08	2.45E-07	2.70E-07	3.00E-08	0.56	0.00	2.12E-04	2.18E-04	2.23E-04	3.87E-05	6.36E-05	7.56E-04
605732	4121980	2.21E-04	2.27E-04	2.32E-04	2.60E-05	7.50E-05	7.81E-04	Residence	1.06E-08	2.57E-07	2.83E-07	3.14E-08	0.58	0.00	2.21E-04	2.27E-04	2.32E-04	4.22E-05	6.90E-05	7.91E-04
605752	4121980	2.30E-04	2.36E-04	2.42E-04	2.85E-05	8.16E-05	8.18E-04	Residence	1.11E-08	2.69E-07	2.96E-07	3.29E-08	0.61	0.00	2.30E-04	2.36E-04	2.42E-04	4.62E-05	7.51E-05	8.29E-04
605772	4121980	2.39E-04	2.46E-04	2.52E-04	3.13E-05	8.92E-05	8.57E-04	Residence	1.16E-08	2.82E-07	3.10E-07	3.45E-08	0.64	0.00	2.39E-04	2.46E-04	2.52E-04	5.09E-05	8.21E-05	8.70E-04
605792	4121980	2.47E-04	2.54E-04	2.62E-04	3.46E-05	9.80E-05	8.96E-04	Residence	1.21E-08	2.94E-07	3.24E-07	3.60E-08	0.67	0.00	2.47E-04	2.54E-04	2.62E-04	5.63E-05	9.01E-05	9.09E-04
605812	4121980	2.56E-04	2.64E-04	2.72E-04	3.85E-05	1.08E-04	9.39E-04	Residence	1.27E-08	3.08E-07	3.40E-07	3.77E-08	0.70	0.00	2.56E-04	2.64E-04	2.72E-04	6.26E-05	9.95E-05	9.54E-04
605832	4121980	2.68E-04	2.77E-04	2.86E-04	4.31E-05	1.20E-04	9.95E-04	Residence	1.35E-08	3.27E-07	3.60E-07	4.00E-08	0.74	0.00	2.68E-04	2.77E-04	2.86E-04	7.01E-05	1.11E-04	1.01E-03
605852	4121980	2.77E-04	2.87E-04	2.97E-04	4.86E-05	1.35E-04	1.04E-03	Residence	1.42E-08	3.43E-07	3.78E-07	4.19E-08	0.78	0.00	2.77E-04	2.87E-04	2.97E-04	7.90E-05	1.24E-04	1.06E-03
605872	4121980	2.86E-04	2.96E-04	3.07E-04	5.53E-05	1.51E-04	1.10E-03	Residence	1.49E-08	3.60E-07	3.97E-07	4.40E-08	0.82	0.00	2.86E-04	2.96E-04	3.07E-04	8.99E-05	1.39E-04	1.12E-03
605892	4121980	2.93E-04	3.04E-04	3.15E-04	6.34E-05	1.72E-04	1.15E-03	Residence	1.56E-08	3.77E-07	4.15E-07	4.61E-08	0.85	0.00	2.93E-04	3.04E-04	3.15E-04	1.03E-04	1.58E-04	1.17E-03
605912	4121980	3.06E-04	3.19E-04	3.31E-04	7.35E-05	1.97E-04	1.23E-03	Residence	1.66E-08	4.03E-07	4.44E-07	4.93E-08	0.91	0.00	3.06E-04	3.19E-04	3.31E-04	1.19E-04	1.81E-04	1.26E-03
605932	4121980	3.19E-04	3.33E-04	3.47E-04	8.62E-05	2.28E-04	1.31E-03	Residence	1.78E-08	4.31E-07	4.75E-07	5.28E-08	0.98	0.00	3.19E-04	3.33E-04	3.47E-04	1.40E-04	2.10E-04	1.35E-03
605952	4121980	3.33E-04	3.48E-04	3.63E-04	1.03E-04	2.67E-04	1.41E-03	Residence	1.92E-08	4.64E-07	5.12E-07	5.68E-08	1.05	0.00	3.33E-04	3.48E-04	3.63E-04	1.67E-04	2.46E-04	1.46E-03
605972	4121980	3.50E-04	3.67E-04	3.84E-04	1.24E-04	3.17E-04	1.54E-03	Residence	2.09E-08	5.06E-07	5.58E-07	6.19E-08	1.15	0.00	3.50E-04	3.67E-04	3.84E-04	2.01E-04	2.92E-04	1.59E-03
605992	4121980	3.71E-04	3.91E-04	4.10E-04	1.52E-04	3.81E-04	1.71E-03	Residence	2.31E-08	5.60E-07	6.17E-07	6.86E-08	1.27	0.00	3.71E-04	3.91E-04	4.10E-04	2.48E-04	3.51E-04	1.77E-03
606012	4121980	3.95E-04	4.17E-04	4.39E-04	1.92E-04	4.65E-04	1.91E-03	Residence	2.59E-08	6.26E-07	6.90E-07	7.67E-08	1.42	0.00	3.95E-04	4.17E-04	4.39E-04	3.11E-04	4.28E-04	1.99E-03
606032	4121980	4.23E-04	4.48E-04	4.72E-04	2.46E-04	5.76E-04	2.17E-03	Residence	2.94E-08	7.12E-07	7.84E-07	8.71E-08	1.61	0.00	4.23E-04	4.48E-04	4.72E-04	4.00E-04	5.30E-04	2.27E-03
606052	4121980	4.58E-04	4.86E-04	5.13E-04	3.24E-04	7.24E-04	2.50E-03	Residence	3.40E-08	8.22E-07	9.06E-07	1.01E-07	1.86	0.00	4.58E-04	4.86E-04	5.13E-04	5.26E-04	6.66E-04	2.65E-03
606072	4121980	5.01E-04	5.31E-04	5.61E-04	4.35E-04	9.16E-04	2.94E-03	Residence	3.99E-08	9.67E-07	1.07E-06	1.18E-07	2.19	0.00	5.01E-04	5.31E-04	5.61E-04	7.07E-04	8.43E-04	3.14E-03
606512	4121980	3.16E-04	3.00E-04	2.88E-04	4.06E-05	1.30E-04	1.07E-03	Residence	1.46E-08	3.53E-07	3.89E-07	4.32E-08	0.80	0.00	3.16E-04	3.00E-04	2.88E-04	6.60E-05	1.20E-04	1.09E-03
606532	4121980	3.15E-04	3.00E-04	2.88E-04	3.69E-05	1.19E-04	1.06E-03	Residence	1.44E-08	3.48E-07	3.83E-07	4.26E-08	0.79	0.00	3.15E-04	3.00E-04	2.88E-04	6.00E-05	1.09E-04	1.07E-03
606572	4121980	3.12E-04	2.99E-04	2.88E-04	3.09E-05	1.00E-04	1.03E-03	Residence	1.40E-08	3.38E-07	3.73E-07	4.14E-08	0.77	0.00	3.12E-04	2.99E-04	2.88E-04	5.03E-05	9.20E-05	1.04E-03
606592	4121980	3.10E-04	2.98E-04	2.88E-04	2.85E-05	9.24E-05	1.02E-03	Residence	1.38E-08	3.34E-07	3.68E-07	4.09E-08	0.76	0.00	3.10E-04	2.98E-04	2.88E-04	4.64E-05	8.50E-05	1.03E-03
606612	4121980	3.07E-04	2.96E-04	2.87E-04	2.64E-05	8.55E-05	1.00E-03	Residence	1.36E-08	3.29E-07	3.63E-07	4.03E-08	0.75	0.00	3.07E-04	2.96E-04	2.87E-04	4.29E-05	7.87E-05	1.01E-03
606632	4121980	3.03E-04	2.92E-04	2.84E-04	2.44E-05	7.94E-05	9.83E-04	Residence	1.33E-08	3.23E-07	3.56E-07	3.95E-08	0.73	0.00	3.03E-04	2.92E-04	2.84E-04	3.97E-05	7.31E-05	9.92E-04
606652	4121980	2.99E-04	2.90E-04	2.82E-04	2.28E-05	7.41E-05	9.67E-04	Residence	1.31E-08	3.18E-07	3.50E-07	3.89E-08	0.72	0.00	2.99E-04	2.90E-04	2.82E-04	3.70E-05	6.81E-05	9.76E-04
606672	4121980	2.96E-04	2.87E-04	2.79E-04	2.13E-05	6.93E-05	9.53E-04	Residence	1.29E-08	3.13E-07	3.45E-07	3.83E-08	0.71	0.00	2.96E-04	2.87E-04	2.79E-04	3.46E-05	6.37E-05	9.61E-04
606692	4121980	2.90E-04	2.81E-04	2.74E-04	1.99E-05	6.48E-05	9.29E-04	Residence	1.26E-08	3.05E-07	3.36E-07	3.74E-08	0.69	0.00	2.90E-04	2.81E-04	2.74E-04	3.23E-05	5.96E-05	9.36E-04
606712	4121980	2.84E-04	2.76E-04	2.70E-04	1.87E-05	6.09E-05	9.10E-04	Residence	1.23E-08	2.99E-07	3.29E-07	3.66E-08	0.68	0.00	2.84E-04	2.76E-04	2.70E-04	3.03E-05	5.60E-05	9.17E-04
606732	4121980	2.81E-04	2.73E-04	2.67E-04	1.76E-05	5.74E-05	8.96E-04	Residence	1.22E-08	2.94E-07	3.24E-07	3.60E-08	0.67	0.00	2.81E-04	2.73E-04	2.67E-04	2.86E-05	5.28E-05	9.02E-04
606752	4121980	2.71E-04	2.64E-04	2.58E-04	1.65E-05	5.41E-05	8.64E-04	Residence	1.17E-08	2.84E-07	3.13E-07	3.47E-08	0.64	0.00	2.71E-04	2.64E-04	2.58E-04	2.69E-05	4.97E-05	8.70E-04
606772	4121980	2.64E-04	2.58E-04	2.52E-04	1.56E-05	5.11E-05	8.41E-04	Residence	1.14E-08	2.76E-07	3.05E-07	3.38E-08	0.63	0.00	2.64E-04	2.58E-04	2.52E-04	2.54E-05	4.70E-05	8.47E-04
606792	4121980	2.60E-04	2.54E-04	2.49E-04	1.48E-05	4.84E-05	8.25E-04	Residence	1.12E-08	2.71E-07	2.99E-07	3.32E-08	0.61	0.00	2.60E-04	2.54E-04	2.49E-04	2.41E-05	4.46E-05	8.31E-04
606812	4121980	2.51E-04	2.45E-04	2.40E-04	1.40E-05	4.59E-05	7.97E-04	Residence	1.08E-08	2.62E-07	2.88E-07	3.20E-08	0.59	0.00	2.51E-04	2.45E-04	2.40E-04	2.28E-05	4.22E-05	8.02E-04
606832	4121980	2.44E-04	2.39E-04	2.34E-04	1.32E-05	4.36E-05	7.74E-04	Residence	1.05E-08	2.54E-07	2.80E-07	3.11E-08	0.58	0.00	2.44E-04	2.39E-04	2.34E-04	2.14E-05	4.01E-05	7.78E-04
606852	4121980	2.40E-04	2.35E-04	2.30E-04	1.27E-05	4.15E-05	7.59E-04	Residence	1.03E-08	2.49E-07	2.75E-07	3.05E-08	0.56	0.00	2.40E-04	2.35E-04	2.30E-04	2.06E-05	3.82E-05	7.64E-04
605632	4122000	1.96E-04	2.01E-04	2.05E-04	1.90E-05	5.40E-05	6.75E-04	Residence	9.15E-09	2.22E-07	2.44E-07	2.71E-08	0.50	0.00	1.96E-04	2.01E-04	2.05E-04	3.08E-05	4.97E-05	6.82E-04
605652	4122000	2.04E-04	2.08E-04	2.13E-04	2.05E-05	5.79E-05	7.03E-04	Residence	9.53E-09	2.31E-07	2.54E-07	2.82E-08	0.52	0.00	2.04E-04	2.08E-04	2.13E-04	3.33E-05	5.33E-05	7.11E-04
605672	4122000	2.11E-04	2.16E-04	2.21E-04	2.21E-05	6.22E-05	7.32E-04	Residence	9.93E-09	2.41E-07	2.65E-07	2.94E-08	0.54	0.00	2.11E-04	2.16E-04	2.21E-04	3.60E-05	5.73E-05	7.41E-04
605692	4122000	2.19E-04	2.25E-04	2.30E-04	2.40E-05	6.72E-05	7.65E-04	Residence	1.04E-08	2.51E-07	2.77E-07	3.07E-08	0.57	0.00	2.19E-04	2.25E-04	2.30E-04	3.90E-05	6.18E-05	7.74E-04
605712	4122000	2.28E-04	2.34E-04	2.39E-04	2.62E-05	7.27E-05	7.99E-04	Residence	1.08E-08	2.63E-07	2.89E-07	3.21E-08	0.59	0.00	2.28E-04	2.34E-04	2.39E-04	4.25E-05	6.69E-05	8.10E-04
605732	4122000	2.36E-04	2.43E-04	2.49E-04	2.86E-05	7.90E-05	8.35E-04	Residence	1.13E-08	2.74E-07	3.02E-07	3.36E-08	0.62	0.00	2.36E-04	2.43E-04	2.49E-04	4.65E-05	7.26E-05	8.47E-04
605752	4122000	2.46E-04	2.53E-04	2.60E-04	3.14E-05	8.62E-05	8.77E-04	Residence	1.19E-08	2.88E-07	3.17E-07	3.52E-08	0.65	0.00	2.46E-04	2.53E-04	2.60E-04	5.11E-05	7.93E-05	8.89E-04
605772	4122000	2.57E-04	2.64E-04	2.71E-04	3.47E-05	9.44E-05	9.21E-04	Residence	1.25E-08	3.02E-07	3.33E-07	3.70E-08	0.69	0.00	2.57E-04	2.64E-04	2.71E-04	5.64E-05	8.69E-05	9.35E-04
605792	4122000	2.68E-04	2.76E-04	2.84E-04	3.85E-05	1.04E-04	9.71E-04	Residence	1.32E-08	3.19E-07	3.51E-07	3.90E-08	0.72	0.00	2.68E-04	2.76E-04	2.84E-04	6.26E-05	9.57E-05	9.87E-04
605812	4122000	2.83E-04	2.91E-04	3.00E-04	4.31E-05	1.15E-04	1.03E-03	Residence	1.40E-08	3.39E-07	3.74E-07	4.15E-08	0.77	0.00	2.83E-04	2.91E-04	3.00E-04	7.00E-05	1.06E-04	1.05E-03
605832	4122000	2.98E-04	3.08E-04	3.17E-04	4.84E-05	1.29E-04	1.10E-03	Residence	1.49E-08	3.61E-07	3.98E-07	4.42E-08	0.82	0.00	2.98E-04	3.08E-04	3.17E-04	7.87E-05	1.18E-04	1.12E-03
605852	4122000	3.09E-04	3.20E-04	3.31E-04	5.48E-05	1.44E-04	1.16E-03	Residence	1.57E-08	3.81E-07	4.20E-07	4.66E-08	0.86	0.00	3.09E-04	3.20E-04	3.31E-04	8.91E-05	1.33E-04	1.18E-03
605872	4122000	3.20E-04	3.31E-04	3.42E-04	6.26E-05	1.63E-04	1.22E-03	Residence	1.65E-08	4.00E-07	4.41E-07	4.90E-08	0.91	0.00	3.20E-04	3.31E-04	3.42E-04	1.02E-04	1.50E-04	1.25E-03
605892	4122000	3.33E-04	3.46E-04	3.58E-04	7.21E-05	1.85E-04	1.29E-03	Residence	1.75E-08	4.25E-07	4.68E-07	5.20E-08	0.96	0.00	3.33E-04	3.46E-04	3.58E-04	1.17E-04	1.71E-04	1.32E-03
605912	4122000	3.50E-04	3.64E-04	3.78E-04	8.40E-05	2.13E-04	1.39E-03	Residence	1.88E-08	4.56E-07	5.03E-07	5.59E-08	1.03	0.00	3.50E-04	3.64E-04	3.78E-04	1.36E-04	1.96E-04	1.42E-03
605932	4122000	3.67E-04	3.83E-04	3.98E-04	9.89E-05	2.47E-04	1.49E-03	Residence	2.03E-08	4.91E-07	5.41E-07	6.00E-08	1.11	0.00	3.67E-04	3.83E-04	3.98E-04	1.61E-04	2.27E-04	1.54E-03
605952	4122000	3.86E-04	4.04E-04	4.20E-04	1.18E-04	2.89E-04	1.62E-03	Residence	2.19E-08	5.31E-07	5.86E-07	6.50E-08	1.20	0.00	3.86E-04	4.04E-04	4.20E-04	1.92E-04	2.66E-04	1.67E-03
605972	4122000	4.09E-04	4.28E-04	4.46E-04	1.43E-04	3.42E-04	1.77E-03	Residence	2.40E-08	5.80E-07	6.40E-07	7.10E-08	1.32	0.00	4.09E-04	4.28E-04	4.46E-04	2.32E-04	3.15E-04	1.83E-03
605992	4122000	4.35E-04	4.56E-04	4.76E-04	1.76E-04	4.08E-04	1.95E-03	Residence	2.65E-08	6.41E-07	7.06E-07	7.84E-08	1.45	0.00	4.35E-04	4.56E-04	4.76E-04	2.85E-04	3.76E-04	2.03E-03
606012	4122000	4.64E-04	4.87E-04	5.10E-04	2.19E-04	4.92E-04	2.17E-03	Residence	2.95E-08	7.13E-07	7.86E-07	8.73E-08	1.62	0.00	4.64E-04	4.87E-04	5.10E-04	3.56E-04	4.53E-04	2.27E-03
606032	4122000	5.02E-04	5.27E-04	5.51E-04	2.77E-04	5.97E-04	2.45E-03	Residence	3.33E-08	8.06E-07	8.88E-07	9.86E-08	1.83	0.00	5.02E-04	5.27E-04	5.51E-04	4.50E-04	5.50E-04	2.58E-03
606052	4122000	5.45E-04	5.72E-04	5.98E-04	3.53E-04	7.26E-04	2.79E-03	Residence	3.79E-08	9.18E-07	1.01E-06	1.12E-07	2.08	0.00	5.45E-04	5.72E-04	5.98E-04	5.74E-04	6.68E-04	2.96E-03
606072	4122000	5.93E-04	6.22E-04	6.49E-04	4.50E-04	8.76E-04	3.19E-03	Residence	4.33E-08	1.05E-06	1.15E-06	1.28E-07	2.37	0.00	5.93E-04	6.22E-04	6.49E-04	7.30E-04	8.06E-04	3.40E-03
606292	4122000	6.40E-04	6.22E-04	6.02E-04	1.65E-04	4.78E-04	2.51E-03	Worker	3.40E-08	8.24E-07	9.08E-07	1.01E-07	1.87	0.00	6.40E-04	6.22E-04	6.02E-04	2.69E-04	4.40E-04	2.57E-03
606312	4122000	5.70E-04	5.56E-04	5.38E-04	1.38E-04	4.07E-04	2.21E-03	Worker	3.00E-08	7.26E-07	8.00E-07	8.88E-08	1.64	0.00	5.70E-04	5.56E-04	5.38E-04	2.25E-04	3.74E-04	2.26E-03
606332	4122000	4.81E-04	4.71E-04	4.56E-04	1.17E-04	3.49E-04	1.87E-03	Worker	2.54E-08	6.16E-07	6.78E-07	7.53E-08	1.39	0.00	4.81E-04	4.71E-04	4.56E-04	1.91E-04	3.21E-04	1.92E-03
606352	4122000	4.15E-04	4.03E-04	3.90E-04	1.01E-04	3.02E-04	1.61E-03	Worker	2.18E-08	5.29E-07	5.83E-07	6.47E-08	1.20	0.00	4.15E-04	4.03E-04	3.90E-04	1.63E-04	2.78E-04	1.65E-03
606512	4122000	2.73E-04	2.62E-04	2.53E-04	3.76E-05	1.21E-04	9.47E-04	Residence	1.28E-08	3.11E-07	3.43E-07	3.81E-08	0.71	0.00	2.73E-04	2.62E-04	2.53E-04	6.12E-05	1.12E-04	9.61E-04
606532	4122000	2.74E-04	2.63E-04	2.55E-04	3.43E-05	1.11E-04	9.38E-04	Residence	1.27E-08	3.08E-07	3.39E-07	3.77E-08	0.70	0.00	2.74E-04	2.63E-04	2.55E-04	5.58E-05	1.02E-04	9.50E-04
606612	4122000	2.75E-04	2.66E-04	2.59E-04	2.47E-05	8.09E-05	9.06E-04	Residence	1.23E-08	2.98E-07	3.28E-07	3.64E-08	0.67	0.00	2.75E-04	2.66E-04	2.59E-04	4.02E-05	7.44E-05	9.15E-04
606632	4122000	2.73E-04	2.65E-04	2.58E-04	2.30E-05	7.53E-05	8.94E-04	Residence	1.21E-08	2.94E-07	3.24E-07	3.59E-08	0.67	0.00	2.73E-04	2.65E-04	2.58E-04	3.73E-05	6.92E-05	9.02E-04
606652	4122000	2.71E-04	2.64E-04	2.57E-04	2.14E-05	7.03E-05	8.84E-04	Residence	1.20E-08	2.90E-07	3.20E-07	3.55E-08	0.66	0.00	2.71E-04	2.64E-04	2.57E-04	3.48E-05	6.47E-05	8.91E-04
606672	4122000	2.70E-04	2.62E-04	2.56E-04	2.00E-05	6.59E-05	8.74E-04	Residence	1.19E-08	2.87E-07	3.16E-07	3.51E-08	0.65	0.00	2.70E-04	2.62E-04	2.56E-04	3.26E-05	6.06E-05	8.81E-04
606692	4122000	2.65E-04	2.58E-04	2.53E-04	1.88E-05	6.18E-05	8.57E-04	Residence	1.16E-08	2.81E-07	3.10E-07	3.44E-08	0.64	0.00	2.65E-04	2.58E-04	2.53E-04	3.05E-05	5.68E-05	8.63E-04
606712	4122000	2.62E-04	2.55E-04	2.50E-04	1.76E-05	5.81E-05	8.42E-04	Residence	1.14E-08	2.77E-07	3.05E-07	3.39E-08	0.63	0.00	2.62E-04	2.55E-04	2.50E-04	2.87E-05	5.35E-05	8.49E-04
606732	4122000	2.59E-04	2.53E-04	2.48E-04	1.66E-05	5.49E-05	8.33E-04	Residence	1.13E-08	2.74E-07	3.01E-07	3.35E-08	0.62	0.00	2.59E-04	2.53E-04	2.48E-04	2.70E-05	5.05E-05	8.39E-04
606752	4122000	2.52E-04	2.46E-04	2.41E-04	1.57E-05	5.18E-05	8.06E-04	Residence	1.09E-08	2.65E-07	2.92E-07	3.24E-08	0.60	0.00	2.52E-04	2.46E-04	2.41E-04	2.55E-05	4.76E-05	8.12E-04
606772	4122000	2.45E-04	2.40E-04	2.35E-04	1.48E-05	4.90E-05	7.84E-04	Residence	1.06E-08	2.57E-07	2.84E-07	3.15E-08	0.58	0.00	2.45E-04	2.40E-04	2.35E-04	2.41E-05	4.51E-05	7.89E-04
606792	4122000	2.42E-04	2.37E-04	2.32E-04	1.41E-05	4.65E-05	7.71E-04	Residence	1.05E-08	2.53E-07	2.79E-07	3.10E-08	0.57	0.00	2.42E-04	2.37E-04	2.32E-04	2.29E-05	4.28E-05	7.76E-04
606812	4122000	2.34E-04	2.29E-04	2.25E-04	1.33E-05	4.41E-05	7.46E-04	Residence	1.01E-08	2.45E-07	2.70E-07	3.00E-08	0.55	0.00	2.34E-04	2.29E-04	2.25E-04	2.17E-05	4.06E-05	7.50E-04
606832	4122000	2.28E-04	2.24E-04	2.20E-04	1.25E-05	4.19E-05	7.27E-04	Residence	9.86E-09	2.39E-07	2.63E-07	2.92E-08	0.54	0.00	2.28E-04	2.24E-04	2.20E-04	2.04E-05	3.86E-05	7.31E-04
606852	4122000	2.25E-04	2.21E-04	2.17E-04	1.21E-05	4.00E-05	7.15E-04	Residence	9.69E-09	2.35E-07	2.59E-07	2.87E-08	0.53	0.00	2.25E-04	2.21E-04	2.17E-04	1.96E-05	3.68E-05	7.19E-04
605632	4122020	2.13E-04	2.18E-04	2.22E-04	2.06E-05	5.65E-05	7.30E-04	Residence	9.90E-09	2.40E-07	2.64E-07	2.94E-08	0.54	0.00	2.13E-04	2.18E-04	2.22E-04	3.35E-05	5.20E-05	7.39E-04
605652	4122020	2.22E-04	2.27E-04	2.32E-04	2.23E-05	6.07E-05	7.63E-04	Residence	1.03E-08	2.51E-07	2.76E-07	3.07E-08	0.57	0.00	2.22E-04	2.27E-04	2.32E-04	3.62E-05	5.59E-05	7.72E-04
605672	4122020	2.30E-04	2.35E-04	2.41E-04	2.41E-05	6.54E-05	7.96E-04	Residence	1.08E-08	2.61E-07	2.88E-07	3.20E-08	0.59	0.00	2.30E-04	2.35E-04	2.41E-04	3.92E-05	6.02E-05	8.06E-04

605692	4122020	2.40E-04	2.46E-04	2.52E-04	2.62E-05	7.07E-05	8.35E-04	Residence	1.13E-08	2.74E-07	3.02E-07	3.36E-08	0.62	0.00	2.40E-04	2.46E-04	2.52E-04	4.27E-05	6.51E-05	8.46E-04
605712	4122020	2.50E-04	2.57E-04	2.63E-04	2.87E-05	7.67E-05	8.75E-04	Residence	1.19E-08	2.87E-07	3.17E-07	3.52E-08	0.65	0.00	2.50E-04	2.57E-04	2.63E-04	4.66E-05	7.06E-05	8.87E-04
605732	4122020	2.61E-04	2.67E-04	2.74E-04	3.14E-05	8.35E-05	9.16E-04	Residence	1.24E-08	3.01E-07	3.32E-07	3.68E-08	0.68	0.00	2.61E-04	2.67E-04	2.74E-04	5.10E-05	7.68E-05	9.29E-04
605752	4122020	2.72E-04	2.79E-04	2.86E-04	3.46E-05	9.12E-05	9.62E-04	Residence	1.31E-08	3.16E-07	3.48E-07	3.87E-08	0.72	0.00	2.72E-04	2.79E-04	2.86E-04	5.62E-05	8.39E-05	9.77E-04
605772	4122020	2.84E-04	2.92E-04	2.99E-04	3.83E-05	1.00E-04	1.01E-03	Residence	1.37E-08	3.33E-07	3.67E-07	4.07E-08	0.75	0.00	2.84E-04	2.92E-04	2.99E-04	6.22E-05	9.22E-05	1.03E-03
605792	4122020	2.98E-04	3.07E-04	3.15E-04	4.26E-05	1.11E-04	1.07E-03	Residence	1.46E-08	3.53E-07	3.89E-07	4.32E-08	0.80	0.00	2.98E-04	3.07E-04	3.15E-04	6.93E-05	1.02E-04	1.09E-03
605812	4122020	3.14E-04	3.23E-04	3.32E-04	4.78E-05	1.23E-04	1.14E-03	Residence	1.55E-08	3.75E-07	4.13E-07	4.58E-08	0.85	0.00	3.14E-04	3.23E-04	3.32E-04	7.76E-05	1.13E-04	1.16E-03
605832	4122020	3.30E-04	3.40E-04	3.51E-04	5.39E-05	1.37E-04	1.21E-03	Residence	1.64E-08	3.98E-07	4.39E-07	4.87E-08	0.90	0.00	3.30E-04	3.40E-04	3.51E-04	8.75E-05	1.26E-04	1.23E-03
605852	4122020	3.44E-04	3.56E-04	3.67E-04	6.12E-05	1.54E-04	1.28E-03	Residence	1.74E-08	4.21E-07	4.64E-07	5.15E-08	0.95	0.00	3.44E-04	3.56E-04	3.67E-04	9.94E-05	1.42E-04	1.31E-03
605872	4122020	3.60E-04	3.72E-04	3.85E-04	7.00E-05	1.74E-04	1.36E-03	Residence	1.85E-08	4.47E-07	4.93E-07	5.47E-08	1.01	0.00	3.60E-04	3.72E-04	3.85E-04	1.14E-04	1.60E-04	1.39E-03
605892	4122020	3.77E-04	3.90E-04	4.04E-04	8.09E-05	1.99E-04	1.45E-03	Residence	1.97E-08	4.76E-07	5.25E-07	5.83E-08	1.08	0.00	3.77E-04	3.90E-04	4.04E-04	1.32E-04	1.83E-04	1.49E-03
605912	4122020	3.96E-04	4.11E-04	4.26E-04	9.44E-05	2.28E-04	1.55E-03	Residence	2.11E-08	5.11E-07	5.63E-07	6.25E-08	1.16	0.00	3.96E-04	4.11E-04	4.26E-04	1.53E-04	2.10E-04	1.59E-03
605932	4122020	4.17E-04	4.34E-04	4.50E-04	1.11E-04	2.63E-04	1.67E-03	Residence	2.27E-08	5.50E-07	6.06E-07	6.73E-08	1.25	0.00	4.17E-04	4.34E-04	4.50E-04	1.81E-04	2.42E-04	1.72E-03
605952	4122020	4.41E-04	4.59E-04	4.77E-04	1.32E-04	3.06E-04	1.82E-03	Residence	2.46E-08	5.97E-07	6.58E-07	7.30E-08	1.35	0.00	4.41E-04	4.59E-04	4.77E-04	2.15E-04	2.82E-04	1.87E-03
605972	4122020	4.69E-04	4.88E-04	5.07E-04	1.59E-04	3.59E-04	1.98E-03	Residence	2.69E-08	6.52E-07	7.18E-07	7.97E-08	1.48	0.00	4.69E-04	4.88E-04	5.07E-04	2.59E-04	3.30E-04	2.05E-03
605992	4122020	5.00E-04	5.21E-04	5.41E-04	1.93E-04	4.23E-04	2.18E-03	Residence	2.95E-08	7.16E-07	7.89E-07	8.76E-08	1.62	0.00	5.00E-04	5.21E-04	5.41E-04	3.14E-04	3.89E-04	2.27E-03
606012	4122020	5.35E-04	5.57E-04	5.79E-04	2.36E-04	4.99E-04	2.41E-03	Residence	3.26E-08	7.90E-07	8.71E-07	9.67E-08	1.79	0.00	5.35E-04	5.57E-04	5.79E-04	3.84E-04	4.59E-04	2.51E-03
606032	4122020	5.79E-04	6.02E-04	6.25E-04	2.90E-04	5.88E-04	2.68E-03	Residence	3.64E-08	8.82E-07	9.72E-07	1.08E-07	2.00	0.00	5.79E-04	6.02E-04	6.25E-04	4.71E-04	5.41E-04	2.82E-03
606052	4122020	6.27E-04	6.51E-04	6.73E-04	3.53E-04	6.87E-04	2.99E-03	Residence	4.06E-08	9.83E-07	1.08E-06	1.20E-07	2.23	0.00	6.27E-04	6.51E-04	6.73E-04	5.74E-04	6.32E-04	3.16E-03
606072	4122020	6.78E-04	7.00E-04	7.21E-04	4.22E-04	7.89E-04	3.31E-03	Residence	4.49E-08	1.09E-06	1.20E-06	1.33E-07	2.46	0.00	6.78E-04	7.00E-04	7.21E-04	6.86E-04	7.26E-04	3.51E-03
606272	4122020	6.15E-04	5.94E-04	5.74E-04	1.62E-04	4.57E-04	2.40E-03	Worker	3.26E-08	7.89E-07	8.70E-07	9.66E-08	1.79	0.00	6.15E-04	5.94E-04	5.74E-04	2.64E-04	4.21E-04	2.47E-03
606292	4122020	5.87E-04	5.65E-04	5.45E-04	1.34E-04	3.92E-04	2.22E-03	Worker	3.01E-08	7.30E-07	8.05E-07	8.93E-08	1.65	0.00	5.87E-04	5.65E-04	5.45E-04	2.17E-04	3.61E-04	2.27E-03
606312	4122020	5.24E-04	5.06E-04	4.87E-04	1.14E-04	3.41E-04	1.97E-03	Worker	2.68E-08	6.48E-07	7.14E-07	7.93E-08	1.47	0.00	5.24E-04	5.06E-04	4.87E-04	1.85E-04	3.14E-04	2.02E-03
606332	4122020	4.43E-04	4.30E-04	4.14E-04	9.89E-05	2.99E-04	1.68E-03	Worker	2.28E-08	5.53E-07	6.10E-07	6.77E-08	1.25	0.00	4.43E-04	4.30E-04	4.14E-04	1.61E-04	2.75E-04	1.72E-03
606352	4122020	3.76E-04	3.65E-04	3.52E-04	8.67E-05	2.63E-04	1.44E-03	Worker	1.96E-08	4.74E-07	5.22E-07	5.80E-08	1.07	0.00	3.76E-04	3.65E-04	3.52E-04	1.41E-04	2.42E-04	1.48E-03
606512	4122020	2.43E-04	2.35E-04	2.28E-04	3.53E-05	1.13E-04	8.54E-04	Residence	1.16E-08	2.81E-07	3.09E-07	3.43E-08	0.64	0.00	2.43E-04	2.35E-04	2.28E-04	5.73E-05	1.04E-04	8.67E-04
606532	4122020	2.45E-04	2.37E-04	2.30E-04	3.22E-05	1.04E-04	8.48E-04	Residence	1.15E-08	2.78E-07	3.07E-07	3.41E-08	0.63	0.00	2.45E-04	2.37E-04	2.30E-04	5.24E-05	9.58E-05	8.60E-04
606612	4122020	2.50E-04	2.43E-04	2.38E-04	2.34E-05	7.68E-05	8.32E-04	Residence	1.13E-08	2.73E-07	3.01E-07	3.34E-08	0.62	0.00	2.50E-04	2.43E-04	2.38E-04	3.80E-05	7.06E-05	8.40E-04
606632	4122020	2.50E-04	2.43E-04	2.38E-04	2.18E-05	7.16E-05	8.24E-04	Residence	1.12E-08	2.71E-07	2.98E-07	3.31E-08	0.61	0.00	2.50E-04	2.43E-04	2.38E-04	3.54E-05	6.59E-05	8.32E-04
606652	4122020	2.49E-04	2.43E-04	2.38E-04	2.03E-05	6.70E-05	8.18E-04	Residence	1.11E-08	2.69E-07	2.96E-07	3.29E-08	0.61	0.00	2.49E-04	2.43E-04	2.38E-04	3.30E-05	6.16E-05	8.25E-04
606672	4122020	2.48E-04	2.43E-04	2.38E-04	1.90E-05	6.29E-05	8.11E-04	Residence	1.10E-08	2.66E-07	2.94E-07	3.26E-08	0.60	0.00	2.48E-04	2.43E-04	2.38E-04	3.09E-05	5.79E-05	8.18E-04
606692	4122020	2.45E-04	2.40E-04	2.35E-04	1.79E-05	5.91E-05	7.98E-04	Residence	1.08E-08	2.62E-07	2.89E-07	3.21E-08	0.59	0.00	2.45E-04	2.40E-04	2.35E-04	2.90E-05	5.43E-05	8.04E-04
606712	4122020	2.43E-04	2.38E-04	2.33E-04	1.68E-05	5.57E-05	7.86E-04	Residence	1.07E-08	2.58E-07	2.85E-07	3.16E-08	0.59	0.00	2.43E-04	2.38E-04	2.33E-04	2.73E-05	5.12E-05	7.93E-04
606732	4122020	2.42E-04	2.37E-04	2.33E-04	1.59E-05	5.26E-05	7.80E-04	Residence	1.06E-08	2.56E-07	2.82E-07	3.14E-08	0.58	0.00	2.42E-04	2.37E-04	2.33E-04	2.58E-05	4.84E-05	7.86E-04
606752	4122020	2.35E-04	2.30E-04	2.26E-04	1.50E-05	4.97E-05	7.56E-04	Residence	1.03E-08	2.48E-07	2.74E-07	3.04E-08	0.56	0.00	2.35E-04	2.30E-04	2.26E-04	2.43E-05	4.57E-05	7.62E-04
606772	4122020	2.29E-04	2.25E-04	2.21E-04	1.42E-05	4.71E-05	7.36E-04	Residence	9.98E-09	2.42E-07	2.66E-07	2.96E-08	0.55	0.00	2.29E-04	2.25E-04	2.21E-04	2.30E-05	4.33E-05	7.41E-04
606792	4122020	2.27E-04	2.22E-04	2.19E-04	1.34E-05	4.47E-05	7.26E-04	Residence	9.85E-09	2.38E-07	2.63E-07	2.92E-08	0.54	0.00	2.27E-04	2.22E-04	2.19E-04	2.19E-05	4.11E-05	7.31E-04
606812	4122020	2.20E-04	2.16E-04	2.12E-04	1.28E-05	4.25E-05	7.04E-04	Residence	9.54E-09	2.31E-07	2.55E-07	2.83E-08	0.52	0.00	2.20E-04	2.16E-04	2.12E-04	2.07E-05	3.91E-05	7.08E-04
606832	4122020	2.16E-04	2.12E-04	2.09E-04	1.21E-05	4.04E-05	6.89E-04	Residence	9.35E-09	2.26E-07	2.49E-07	2.77E-08	0.51	0.00	2.16E-04	2.12E-04	2.09E-04	1.97E-05	3.72E-05	6.93E-04
606852	4122020	2.13E-04	2.10E-04	2.06E-04	1.16E-05	3.86E-05	6.79E-04	Residence	9.21E-09	2.23E-07	2.46E-07	2.73E-08	0.51	0.00	2.13E-04	2.10E-04	2.06E-04	1.88E-05	3.55E-05	6.84E-04
605632	4122040	2.30E-04	2.34E-04	2.39E-04	2.23E-05	5.91E-05	7.85E-04	Residence	1.06E-08	2.58E-07	2.84E-07	3.15E-08	0.58	0.00	2.30E-04	2.34E-04	2.39E-04	3.62E-05	5.44E-05	7.94E-04
605652	4122040	2.39E-04	2.44E-04	2.49E-04	2.41E-05	6.36E-05	8.20E-04	Residence	1.11E-08	2.69E-07	2.97E-07	3.30E-08	0.61	0.00	2.39E-04	2.44E-04	2.49E-04	3.91E-05	5.85E-05	8.30E-04
605672	4122040	2.49E-04	2.55E-04	2.60E-04	2.62E-05	6.86E-05	8.59E-04	Residence	1.16E-08	2.82E-07	3.11E-07	3.45E-08	0.64	0.00	2.49E-04	2.55E-04	2.60E-04	4.25E-05	6.31E-05	8.70E-04
605692	4122040	2.60E-04	2.66E-04	2.72E-04	2.85E-05	7.43E-05	9.01E-04	Residence	1.22E-08	2.96E-07	3.26E-07	3.62E-08	0.67	0.00	2.60E-04	2.66E-04	2.72E-04	4.63E-05	6.83E-05	9.13E-04
605712	4122040	2.72E-04	2.79E-04	2.85E-04	3.12E-05	8.07E-05	9.47E-04	Residence	1.28E-08	3.11E-07	3.43E-07	3.81E-08	0.71	0.00	2.72E-04	2.79E-04	2.85E-04	5.07E-05	7.43E-05	9.60E-04
605732	4122040	2.84E-04	2.91E-04	2.98E-04	3.43E-05	8.80E-05	9.96E-04	Residence	1.35E-08	3.27E-07	3.60E-07	4.00E-08	0.74	0.00	2.84E-04	2.91E-04	2.98E-04	5.57E-05	8.10E-05	1.01E-03
605752	4122040	2.98E-04	3.05E-04	3.13E-04	3.78E-05	9.64E-05	1.05E-03	Residence	1.42E-08	3.45E-07	3.80E-07	4.22E-08	0.78	0.00	2.98E-04	3.05E-04	3.13E-04	6.15E-05	8.87E-05	1.07E-03
605772	4122040	3.13E-04	3.21E-04	3.29E-04	4.20E-05	1.06E-04	1.11E-03	Residence	1.51E-08	3.65E-07	4.02E-07	4.46E-08	0.83	0.00	3.13E-04	3.21E-04	3.29E-04	6.82E-05	9.76E-05	1.13E-03
605792	4122040	3.29E-04	3.38E-04	3.46E-04	4.68E-05	1.17E-04	1.18E-03	Residence	1.60E-08	3.87E-07	4.26E-07	4.73E-08	0.88	0.00	3.29E-04	3.38E-04	3.46E-04	7.61E-05	1.08E-04	1.20E-03
605812	4122040	3.47E-04	3.57E-04	3.67E-04	5.25E-05	1.30E-04	1.25E-03	Residence	1.70E-08	4.11E-07	4.53E-07	5.03E-08	0.93	0.00	3.47E-04	3.57E-04	3.67E-04	8.54E-05	1.20E-04	1.27E-03
605832	4122040	3.64E-04	3.75E-04	3.86E-04	5.94E-05	1.46E-04	1.33E-03	Residence	1.80E-08	4.37E-07	4.81E-07	5.34E-08	0.99	0.00	3.64E-04	3.75E-04	3.86E-04	9.65E-05	1.34E-04	1.35E-03
605852	4122040	3.81E-04	3.93E-04	4.05E-04	6.75E-05	1.63E-04	1.41E-03	Residence	1.91E-08	4.63E-07	5.11E-07	5.67E-08	1.05	0.00	3.81E-04	3.93E-04	4.05E-04	1.10E-04	1.50E-04	1.44E-03
605872	4122040	4.00E-04	4.13E-04	4.26E-04	7.74E-05	1.85E-04	1.50E-03	Residence	2.04E-08	4.93E-07	5.43E-07	6.03E-08	1.12	0.00	4.00E-04	4.13E-04	4.26E-04	1.26E-04	1.70E-04	1.53E-03
605892	4122040	4.21E-04	4.35E-04	4.49E-04	8.94E-05	2.10E-04	1.60E-03	Residence	2.17E-08	5.27E-07	5.80E-07	6.44E-08	1.19	0.00	4.21E-04	4.35E-04	4.49E-04	1.45E-04	1.93E-04	1.64E-03
605912	4122040	4.43E-04	4.59E-04	4.74E-04	1.04E-04	2.40E-04	1.72E-03	Residence	2.33E-08	5.65E-07	6.22E-07	6.91E-08	1.28	0.00	4.43E-04	4.59E-04	4.74E-04	1.69E-04	2.20E-04	1.77E-03
605932	4122040	4.68E-04	4.84E-04	5.01E-04	1.22E-04	2.75E-04	1.85E-03	Residence	2.51E-08	6.08E-07	6.70E-07	7.44E-08	1.38	0.00	4.68E-04	4.84E-04	5.01E-04	1.98E-04	2.53E-04	1.90E-03
605952	4122040	4.97E-04	5.14E-04	5.32E-04	1.44E-04	3.17E-04	2.00E-03	Residence	2.72E-08	6.58E-07	7.25E-07	8.05E-08	1.49	0.00	4.97E-04	5.14E-04	5.32E-04	2.34E-04	2.91E-04	2.07E-03
605972	4122040	5.28E-04	5.46E-04	5.65E-04	1.71E-04	3.66E-04	2.18E-03	Residence	2.95E-08	7.15E-07	7.88E-07	8.74E-08	1.62	0.00	5.28E-04	5.46E-04	5.65E-04	2.78E-04	3.36E-04	2.25E-03
605992	4122040	5.63E-04	5.82E-04	6.01E-04	2.03E-04	4.22E-04	2.37E-03	Residence	3.22E-08	7.79E-07	8.58E-07	9.53E-08	1.76	0.00	5.63E-04	5.82E-04	6.01E-04	3.30E-04	3.88E-04	2.46E-03
606012	4122040	6.02E-04	6.22E-04	6.41E-04	2.41E-04	4.86E-04	2.59E-03	Residence	3.52E-08	8.52E-07	9.38E-07	1.04E-07	1.93	0.00	6.02E-04	6.22E-04	6.41E-04	3.92E-04	4.47E-04	2.70E-03
606032	4122040	6.46E-04	6.65E-04	6.84E-04	2.84E-04	5.54E-04	2.83E-03	Residence	3.84E-08	9.31E-07	1.03E-06	1.14E-07	2.11	0.00	6.46E-04	6.65E-04	6.84E-04	4.62E-04	5.10E-04	2.97E-03
606052	4122040	6.93E-04	7.10E-04	7.27E-04	3.29E-04	6.22E-04	3.08E-03	Residence	4.18E-08	1.01E-06	1.12E-06	1.24E-07	2.29	0.00	6.93E-04	7.10E-04	7.27E-04	5.35E-04	5.72E-04	3.24E-03
606072	4122040	7.40E-04	7.54E-04	7.67E-04	3.71E-04	6.82E-04	3.32E-03	Residence	4.50E-08	1.09E-06	1.20E-06	1.33E-07	2.47	0.00	7.40E-04	7.54E-04	7.67E-04	6.03E-04	6.28E-04	3.49E-03
606272	4122040	5.52E-04	5.33E-04	5.17E-04	1.34E-04	3.77E-04	2.11E-03	Worker	2.86E-08	6.94E-07	7.65E-07	8.49E-08	1.57	0.00	5.52E-04	5.33E-04	5.17E-04	2.17E-04	3.47E-04	2.17E-03
606292	4122040	5.22E-04	5.04E-04	4.86E-04	1.12E-04	3.30E-04	1.95E-03	Worker	2.65E-08	6.42E-07	7.07E-07	7.85E-08	1.45	0.00	5.22E-04	5.04E-04	4.86E-04	1.81E-04	3.04E-04	2.00E-03
606312	4122040	4.67E-04	4.52E-04	4.35E-04	9.63E-05	2.92E-04	1.74E-03	Worker	2.36E-08	5.72E-07	6.31E-07	7.00E-08	1.30	0.00	4.67E-04	4.52E-04	4.35E-04	1.56E-04	2.68E-04	1.78E-03
606332	4122040	3.99E-04	3.87E-04	3.74E-04	8.46E-05	2.59E-04	1.50E-03	Worker	2.04E-08	4.94E-07	5.44E-07	6.04E-08	1.12	0.00	3.99E-04	3.87E-04	3.74E-04	1.37E-04	2.38E-04	1.54E-03
606352	4122040	3.40E-04	3.30E-04	3.20E-04	7.52E-05	2.31E-04	1.30E-03	Worker	1.76E-08	4.26E-07	4.69E-07	5.21E-08	0.96	0.00	3.40E-04	3.30E-04	3.20E-04	1.22E-04	2.13E-04	1.32E-03
606512	4122040	2.21E-04	2.14E-04	2.10E-04	3.32E-05	1.06E-04	7.84E-04	Residence	1.06E-08	2.58E-07	2.84E-07	3.15E-08	0.58	0.00	2.21E-04	2.14E-04	2.10E-04	5.40E-05	9.78E-05	7.97E-04
606532	4122040	2.23E-04	2.17E-04	2.12E-04	3.05E-05	9.80E-05	7.80E-04	Residence	1.06E-08	2.56E-07	2.82E-07	3.13E-08	0.58	0.00	2.23E-04	2.17E-04	2.12E-04	4.95E-05	9.02E-05	7.91E-04
606572	4122040	2.27E-04	2.22E-04	2.17E-04	2.59E-05	8.41E-05	7.76E-04	Residence	1.05E-08	2.55E-07	2.81E-07	3.12E-08	0.58	0.00	2.27E-04	2.22E-04	2.17E-04	4.21E-05	7.74E-05	7.86E-04
606592	4122040	2.30E-04	2.24E-04	2.20E-04	2.40E-05	7.83E-05	7.77E-04	Residence	1.05E-08	2.55E-07	2.81E-07	3.12E-08	0.58	0.00	2.30E-04	2.24E-04	2.20E-04	3.90E-05	7.21E-05	7.86E-04
606612	4122040	2.31E-04	2.26E-04	2.22E-04	2.23E-05	7.30E-05	7.74E-04	Residence	1.05E-08	2.54E-07	2.80E-07	3.11E-08	0.58	0.00	2.31E-04	2.26E-04	2.22E-04	3.62E-05	6.72E-05	7.82E-04
606632	4122040	2.32E-04	2.26E-04	2.22E-04	2.08E-05	6.83E-05	7.69E-04	Residence	1.04E-08	2.53E-07	2.79E-07	3.09E-08	0.57	0.00	2.32E-04	2.26E-04	2.22E-04	3.38E-05	6.28E-05	7.77E-04
606652	4122040	2.32E-04	2.27E-04	2.23E-04	1.94E-05	6.40E-05	7.66E-04	Residence	1.04E-08	2.52E-07	2.77E-07	3.08E-08	0.57	0.00	2.32E-04	2.27E-04	2.23E-04	3.16E-05	5.89E-05	7.73E-04
606672	4122040	2.32E-04	2.27E-04	2.23E-04	1.82E-05	6.02E-05	7.61E-04	Residence	1.03E-08	2.50E-07	2.75E-07	3.06E-08	0.57	0.00	2.32E-04	2.27E-04	2.23E-04	2.96E-05	5.54E-05	7.68E-04
606692	4122040	2.30E-04	2.25E-04	2.21E-04	1.71E-05	5.66E-05	7.50E-04	Residence	1.02E-08	2.46E-07	2.71E-07	3.01E-08	0.56	0.00	2.30E-04	2.25E-04	2.21E-04	2.78E-05	5.21E-05	7.56E-04
606712	4122040	2.28E-04	2.23E-04	2.20E-04	1.61E-05	5.34E-05	7.41E-04	Residence	1.00E-08	2.43E-07	2.68E-07	2.98E-08	0.55	0.00	2.28E-04	2.23E-04	2.20E-04	2.62E-05	4.92E-05	7.46E-04
606732	4122040	2.28E-04	2.24E-04	2.20E-04	1.52E-05	5.06E-05	7.37E-04	Residence	1.00E-08	2.42E-07	2.67E-07	2.96E-08	0.55	0.00	2.28E-04	2.24E-04	2.20E-04	2.47E-05	4.65E-05	7.43E-04
606752	4122040	2.21E-04	2.18E-04	2.14E-04	1.44E-05	4.78E-05	7.15E-04	Residence	9.70E-09	2.35E-07	2.59E-07	2.88E-08	0.53	0.00	2.21E-04	2.18E-04	2.14E-04	2.33E-05	4.40E-05	7.20E-04
606772	4122040	2.16E-04	2.13E-04	2.09E-04	1.36E-05	4.53E-05	6.97E-04	Residence	9.46E-09	2.29E-07	2.52E-07	2.80E-08	0.52	0.00	2.16E-04	2.13E-04	2.09E-04	2.21E-05	4.17E-05	7.02E-04
606792	4122040	2.15E-04	2.11E-04	2.08E-04	1.29E-05	4.31E-05	6.90E-04	Residence	9.36E-09	2.27E-07	2.50E-07	2.77E-08	0.51	0.00	2.15E-04	2.11E-04	2.08E-04	2.10E-05	3.97E-05	6.95E-04
606812	4122040	2.09E-04	2.05E-04	2.02E-04	1.23E-05	4.10E-05	6.70E-04	Residence	9.08E-09	2.20E-07	2.42E-07	2.69E-08	0.50	0.00	2.09E-04	2.05E-04	2.02E-04	1.99E-05	3.77E-05	6.74E-04

606832	4122040	2.05E-04	2.02E-04	1.99E-04	1.17E-05	3.91E-05	6.57E-04	Residence	8.92E-09	2.16E-07	2.38E-07	2.64E-08	0.49	0.00	2.05E-04	2.02E-04	1.99E-04	1.90E-05	3.59E-05	6.62E-04
606852	4122040	2.03E-04	2.00E-04	1.97E-04	1.12E-05	3.73E-05	6.49E-04	Residence	8.80E-09	2.13E-07	2.35E-07	2.61E-08	0.48	0.00	2.03E-04	2.00E-04	1.97E-04	1.81E-05	3.43E-05	6.53E-04
605632	4122060	2.45E-04	2.50E-04	2.55E-04	2.39E-05	6.18E-05	8.36E-04	Residence	1.13E-08	2.74E-07	3.02E-07	3.36E-08	0.62	0.00	2.45E-04	2.50E-04	2.55E-04	3.89E-05	5.68E-05	8.46E-04
605652	4122060	2.56E-04	2.62E-04	2.67E-04	2.59E-05	6.65E-05	8.77E-04	Residence	1.19E-08	2.88E-07	3.18E-07	3.53E-08	0.65	0.00	2.56E-04	2.62E-04	2.67E-04	4.22E-05	6.12E-05	8.88E-04
605672	4122060	2.68E-04	2.74E-04	2.80E-04	2.82E-05	7.19E-05	9.22E-04	Residence	1.25E-08	3.03E-07	3.34E-07	3.71E-08	0.69	0.00	2.68E-04	2.74E-04	2.80E-04	4.59E-05	6.61E-05	9.34E-04
605692	4122060	2.79E-04	2.85E-04	2.91E-04	3.08E-05	7.79E-05	9.65E-04	Residence	1.31E-08	3.17E-07	3.49E-07	3.88E-08	0.72	0.00	2.79E-04	2.85E-04	2.91E-04	5.00E-05	7.17E-05	9.78E-04
605712	4122060	2.92E-04	2.99E-04	3.05E-04	3.37E-05	8.47E-05	1.01E-03	Residence	1.38E-08	3.33E-07	3.67E-07	4.08E-08	0.75	0.00	2.92E-04	2.99E-04	3.05E-04	5.48E-05	7.79E-05	1.03E-03
605732	4122060	3.06E-04	3.14E-04	3.21E-04	3.71E-05	9.25E-05	1.07E-03	Residence	1.45E-08	3.52E-07	3.88E-07	4.30E-08	0.80	0.00	3.06E-04	3.14E-04	3.21E-04	6.04E-05	8.51E-05	1.09E-03
605752	4122060	3.22E-04	3.30E-04	3.37E-04	4.11E-05	1.01E-04	1.13E-03	Residence	1.53E-08	3.72E-07	4.10E-07	4.55E-08	0.84	0.00	3.22E-04	3.30E-04	3.37E-04	6.68E-05	9.33E-05	1.15E-03
605772	4122060	3.39E-04	3.47E-04	3.56E-04	4.56E-05	1.12E-04	1.20E-03	Residence	1.63E-08	3.94E-07	4.34E-07	4.82E-08	0.89	0.00	3.39E-04	3.47E-04	3.56E-04	7.42E-05	1.03E-04	1.22E-03
605792	4122060	3.57E-04	3.66E-04	3.75E-04	5.10E-05	1.24E-04	1.27E-03	Residence	1.73E-08	4.18E-07	4.61E-07	5.12E-08	0.95	0.00	3.57E-04	3.66E-04	3.75E-04	8.29E-05	1.14E-04	1.29E-03
605812	4122060	3.77E-04	3.87E-04	3.97E-04	5.73E-05	1.37E-04	1.36E-03	Residence	1.84E-08	4.45E-07	4.91E-07	5.45E-08	1.01	0.00	3.77E-04	3.87E-04	3.97E-04	9.31E-05	1.26E-04	1.38E-03
605832	4122060	3.99E-04	4.10E-04	4.20E-04	6.48E-05	1.53E-04	1.45E-03	Residence	1.96E-08	4.75E-07	5.24E-07	5.81E-08	1.08	0.00	3.99E-04	4.10E-04	4.20E-04	1.05E-04	1.41E-04	1.47E-03
605852	4122060	4.19E-04	4.32E-04	4.44E-04	7.37E-05	1.72E-04	1.54E-03	Residence	2.09E-08	5.06E-07	5.57E-07	6.19E-08	1.15	0.00	4.19E-04	4.32E-04	4.44E-04	1.20E-04	1.58E-04	1.57E-03
605872	4122060	4.41E-04	4.54E-04	4.67E-04	8.42E-05	1.93E-04	1.64E-03	Residence	2.22E-08	5.39E-07	5.94E-07	6.59E-08	1.22	0.00	4.41E-04	4.54E-04	4.67E-04	1.37E-04	1.78E-04	1.68E-03
605892	4122060	4.65E-04	4.79E-04	4.93E-04	9.69E-05	2.18E-04	1.75E-03	Residence	2.38E-08	5.76E-07	6.34E-07	7.04E-08	1.30	0.00	4.65E-04	4.79E-04	4.93E-04	1.58E-04	2.01E-04	1.80E-03
605912	4122060	4.91E-04	5.06E-04	5.21E-04	1.12E-04	2.47E-04	1.88E-03	Residence	2.55E-08	6.17E-07	6.80E-07	7.55E-08	1.40	0.00	4.91E-04	5.06E-04	5.21E-04	1.82E-04	2.27E-04	1.93E-03
605932	4122060	5.19E-04	5.35E-04	5.51E-04	1.30E-04	2.81E-04	2.02E-03	Residence	2.73E-08	6.62E-07	7.30E-07	8.10E-08	1.50	0.00	5.19E-04	5.35E-04	5.51E-04	2.11E-04	2.58E-04	2.07E-03
605952	4122060	5.51E-04	5.68E-04	5.84E-04	1.51E-04	3.19E-04	2.17E-03	Residence	2.95E-08	7.14E-07	7.87E-07	8.73E-08	1.62	0.00	5.51E-04	5.68E-04	5.84E-04	2.46E-04	2.93E-04	2.24E-03
605972	4122060	5.83E-04	5.99E-04	6.16E-04	1.76E-04	3.62E-04	2.34E-03	Residence	3.17E-08	7.67E-07	8.45E-07	9.39E-08	1.74	0.00	5.83E-04	5.99E-04	6.16E-04	2.86E-04	3.33E-04	2.42E-03
605992	4122060	6.20E-04	6.36E-04	6.52E-04	2.04E-04	4.08E-04	2.52E-03	Residence	3.42E-08	8.28E-07	9.12E-07	1.01E-07	1.88	0.00	6.20E-04	6.36E-04	6.52E-04	3.31E-04	3.75E-04	2.61E-03
606012	4122060	6.59E-04	6.75E-04	6.89E-04	2.34E-04	4.57E-04	2.71E-03	Residence	3.68E-08	8.91E-07	9.82E-07	1.09E-07	2.02	0.00	6.59E-04	6.75E-04	6.89E-04	3.80E-04	4.20E-04	2.82E-03
606032	4122060	6.99E-04	7.12E-04	7.25E-04	2.64E-04	5.04E-04	2.90E-03	Residence	3.94E-08	9.54E-07	1.05E-06	1.17E-07	2.16	0.00	6.99E-04	7.12E-04	7.25E-04	4.29E-04	4.64E-04	3.03E-03
606052	4122060	7.40E-04	7.51E-04	7.60E-04	2.93E-04	5.47E-04	3.09E-03	Residence	4.19E-08	1.02E-06	1.12E-06	1.24E-07	2.30	0.00	7.40E-04	7.51E-04	7.60E-04	4.75E-04	5.03E-04	3.23E-03
606072	4122060	7.76E-04	7.82E-04	7.87E-04	3.14E-04	5.78E-04	3.24E-03	Residence	4.39E-08	1.06E-06	1.17E-06	1.30E-07	2.41	0.00	7.76E-04	7.82E-04	7.87E-04	5.10E-04	5.31E-04	3.39E-03
606272	4122060	4.98E-04	4.83E-04	4.68E-04	1.12E-04	3.15E-04	1.88E-03	Worker	2.54E-08	6.16E-07	6.79E-07	7.54E-08	1.40	0.00	4.98E-04	4.83E-04	4.68E-04	1.82E-04	2.90E-04	1.92E-03
606292	4122060	4.67E-04	4.52E-04	4.37E-04	9.52E-05	2.81E-04	1.73E-03	Worker	2.35E-08	5.69E-07	6.27E-07	6.96E-08	1.29	0.00	4.67E-04	4.52E-04	4.37E-04	1.55E-04	2.59E-04	1.77E-03
606312	4122060	4.19E-04	4.06E-04	3.92E-04	8.27E-05	2.52E-04	1.55E-03	Worker	2.10E-08	5.09E-07	5.61E-07	6.23E-08	1.15	0.00	4.19E-04	4.06E-04	3.92E-04	1.34E-04	2.32E-04	1.58E-03
606332	4122060	3.61E-04	3.51E-04	3.40E-04	7.32E-05	2.26E-04	1.35E-03	Worker	1.83E-08	4.44E-07	4.89E-07	5.43E-08	1.01	0.00	3.61E-04	3.51E-04	3.40E-04	1.19E-04	2.08E-04	1.38E-03
606352	4122060	3.10E-04	3.02E-04	2.93E-04	6.56E-05	2.04E-04	1.17E-03	Worker	1.59E-08	3.86E-07	4.25E-07	4.72E-08	0.87	0.00	3.10E-04	3.02E-04	2.93E-04	1.07E-04	1.88E-04	1.20E-03
606572	4122060	2.11E-04	2.07E-04	2.03E-04	2.47E-05	7.97E-05	7.25E-04	Residence	9.84E-09	2.38E-07	2.63E-07	2.92E-08	0.54	0.00	2.11E-04	2.07E-04	2.03E-04	4.01E-05	7.33E-05	7.34E-04
606592	4122060	2.14E-04	2.10E-04	2.06E-04	2.29E-05	7.45E-05	7.28E-04	Residence	9.88E-09	2.39E-07	2.64E-07	2.93E-08	0.54	0.00	2.14E-04	2.10E-04	2.06E-04	3.73E-05	6.85E-05	7.37E-04
606612	4122060	2.16E-04	2.12E-04	2.08E-04	2.13E-05	6.96E-05	7.27E-04	Residence	9.86E-09	2.39E-07	2.63E-07	2.92E-08	0.54	0.00	2.16E-04	2.12E-04	2.08E-04	3.47E-05	6.40E-05	7.35E-04
606632	4122060	2.17E-04	2.13E-04	2.10E-04	1.99E-05	6.52E-05	7.25E-04	Residence	9.84E-09	2.38E-07	2.63E-07	2.91E-08	0.54	0.00	2.17E-04	2.13E-04	2.10E-04	3.24E-05	6.00E-05	7.32E-04
606652	4122060	2.18E-04	2.14E-04	2.11E-04	1.87E-05	6.13E-05	7.23E-04	Residence	9.81E-09	2.38E-07	2.62E-07	2.91E-08	0.54	0.00	2.18E-04	2.14E-04	2.11E-04	3.03E-05	5.64E-05	7.30E-04
606672	4122060	2.19E-04	2.15E-04	2.12E-04	1.75E-05	5.77E-05	7.20E-04	Residence	9.77E-09	2.37E-07	2.61E-07	2.90E-08	0.54	0.00	2.19E-04	2.15E-04	2.12E-04	2.84E-05	5.31E-05	7.27E-04
606692	4122060	2.17E-04	2.13E-04	2.10E-04	1.65E-05	5.44E-05	7.11E-04	Residence	9.64E-09	2.34E-07	2.57E-07	2.86E-08	0.53	0.00	2.17E-04	2.13E-04	2.10E-04	2.67E-05	5.00E-05	7.17E-04
606712	4122060	2.15E-04	2.12E-04	2.09E-04	1.55E-05	5.14E-05	7.03E-04	Residence	9.53E-09	2.31E-07	2.54E-07	2.83E-08	0.52	0.00	2.15E-04	2.12E-04	2.09E-04	2.52E-05	4.73E-05	7.09E-04
606732	4122060	2.15E-04	2.12E-04	2.09E-04	1.47E-05	4.87E-05	7.00E-04	Residence	9.49E-09	2.30E-07	2.53E-07	2.81E-08	0.52	0.00	2.15E-04	2.12E-04	2.09E-04	2.38E-05	4.48E-05	7.05E-04
606752	4122060	2.10E-04	2.07E-04	2.04E-04	1.39E-05	4.61E-05	6.80E-04	Residence	9.22E-09	2.23E-07	2.46E-07	2.73E-08	0.51	0.00	2.10E-04	2.07E-04	2.04E-04	2.25E-05	4.24E-05	6.85E-04
606772	4122060	2.06E-04	2.03E-04	2.00E-04	1.31E-05	4.38E-05	6.66E-04	Residence	9.04E-09	2.19E-07	2.41E-07	2.68E-08	0.50	0.00	2.06E-04	2.03E-04	2.00E-04	2.13E-05	4.03E-05	6.71E-04
606792	4122060	2.05E-04	2.02E-04	1.99E-04	1.25E-05	4.17E-05	6.60E-04	Residence	8.96E-09	2.17E-07	2.39E-07	2.65E-08	0.49	0.00	2.05E-04	2.02E-04	1.99E-04	2.03E-05	3.83E-05	6.65E-04
606812	4122060	1.99E-04	1.96E-04	1.94E-04	1.19E-05	3.96E-05	6.40E-04	Residence	8.68E-09	2.10E-07	2.32E-07	2.57E-08	0.48	0.00	1.99E-04	1.96E-04	1.94E-04	1.93E-05	3.65E-05	6.45E-04
606832	4122060	1.96E-04	1.93E-04	1.91E-04	1.13E-05	3.78E-05	6.29E-04	Residence	8.54E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.96E-04	1.93E-04	1.91E-04	1.84E-05	3.48E-05	6.33E-04
606852	4122060	1.94E-04	1.91E-04	1.89E-04	1.08E-05	3.61E-05	6.22E-04	Residence	8.43E-09	2.04E-07	2.25E-07	2.50E-08	0.46	0.00	1.94E-04	1.91E-04	1.89E-04	1.75E-05	3.33E-05	6.25E-04
607052	4122060	1.60E-04	1.59E-04	1.57E-04	7.19E-06	2.42E-05	5.07E-04	Residence	6.88E-09	1.67E-07	1.84E-07	2.04E-08	0.38	0.00	1.60E-04	1.59E-04	1.57E-04	1.17E-05	2.23E-05	5.10E-04
605632	4122080	2.59E-04	2.65E-04	2.70E-04	2.56E-05	6.44E-05	8.84E-04	Residence	1.20E-08	2.90E-07	3.20E-07	3.55E-08	0.66	0.00	2.59E-04	2.65E-04	2.70E-04	4.16E-05	5.92E-05	8.94E-04
605652	4122080	2.73E-04	2.79E-04	2.84E-04	2.78E-05	6.95E-05	9.33E-04	Residence	1.27E-08	3.07E-07	3.38E-07	3.75E-08	0.69	0.00	2.73E-04	2.79E-04	2.84E-04	4.52E-05	6.39E-05	9.45E-04
605672	4122080	2.87E-04	2.93E-04	2.99E-04	3.03E-05	7.52E-05	9.83E-04	Residence	1.33E-08	3.23E-07	3.56E-07	3.95E-08	0.73	0.00	2.87E-04	2.93E-04	2.99E-04	4.93E-05	6.92E-05	9.96E-04
605692	4122080	2.97E-04	3.03E-04	3.09E-04	3.31E-05	8.14E-05	1.02E-03	Residence	1.39E-08	3.36E-07	3.71E-07	4.12E-08	0.76	0.00	2.97E-04	3.03E-04	3.09E-04	5.38E-05	7.49E-05	1.04E-03
605712	4122080	3.12E-04	3.19E-04	3.26E-04	3.63E-05	8.87E-05	1.08E-03	Residence	1.47E-08	3.56E-07	3.92E-07	4.35E-08	0.81	0.00	3.12E-04	3.19E-04	3.26E-04	5.90E-05	8.16E-05	1.10E-03
605732	4122080	3.29E-04	3.36E-04	3.43E-04	4.00E-05	9.69E-05	1.14E-03	Residence	1.55E-08	3.76E-07	4.14E-07	4.60E-08	0.85	0.00	3.29E-04	3.36E-04	3.43E-04	6.51E-05	8.92E-05	1.16E-03
605752	4122080	3.45E-04	3.53E-04	3.60E-04	4.43E-05	1.06E-04	1.21E-03	Residence	1.64E-08	3.97E-07	4.37E-07	4.86E-08	0.90	0.00	3.45E-04	3.53E-04	3.60E-04	7.20E-05	9.77E-05	1.23E-03
605772	4122080	3.63E-04	3.72E-04	3.80E-04	4.93E-05	1.17E-04	1.28E-03	Residence	1.74E-08	4.21E-07	4.64E-07	5.15E-08	0.95	0.00	3.63E-04	3.72E-04	3.80E-04	8.01E-05	1.08E-04	1.30E-03
605792	4122080	3.84E-04	3.94E-04	4.03E-04	5.51E-05	1.29E-04	1.37E-03	Residence	1.85E-08	4.48E-07	4.94E-07	5.49E-08	1.02	0.00	3.84E-04	3.94E-04	4.03E-04	8.95E-05	1.19E-04	1.39E-03
605812	4122080	4.06E-04	4.15E-04	4.25E-04	6.19E-05	1.43E-04	1.45E-03	Residence	1.97E-08	4.77E-07	5.25E-07	5.83E-08	1.08	0.00	4.06E-04	4.15E-04	4.25E-04	1.01E-04	1.32E-04	1.48E-03
605832	4122080	4.28E-04	4.39E-04	4.49E-04	6.98E-05	1.59E-04	1.54E-03	Residence	2.09E-08	5.07E-07	5.59E-07	6.21E-08	1.15	0.00	4.28E-04	4.39E-04	4.49E-04	1.13E-04	1.46E-04	1.58E-03
605852	4122080	4.53E-04	4.65E-04	4.76E-04	7.91E-05	1.78E-04	1.65E-03	Residence	2.24E-08	5.42E-07	5.98E-07	6.64E-08	1.23	0.00	4.53E-04	4.65E-04	4.76E-04	1.29E-04	1.63E-04	1.69E-03
605872	4122080	4.79E-04	4.92E-04	5.03E-04	9.01E-05	1.99E-04	1.76E-03	Residence	2.39E-08	5.79E-07	6.38E-07	7.09E-08	1.31	0.00	4.79E-04	4.92E-04	5.03E-04	1.46E-04	1.83E-04	1.80E-03
605892	4122080	5.05E-04	5.18E-04	5.30E-04	1.03E-04	2.23E-04	1.88E-03	Residence	2.55E-08	6.17E-07	6.80E-07	7.55E-08	1.40	0.00	5.05E-04	5.18E-04	5.30E-04	1.67E-04	2.05E-04	1.92E-03
605912	4122080	5.37E-04	5.50E-04	5.63E-04	1.18E-04	2.50E-04	2.02E-03	Residence	2.74E-08	6.63E-07	7.30E-07	8.11E-08	1.50	0.00	5.37E-04	5.50E-04	5.63E-04	1.91E-04	2.30E-04	2.07E-03
605932	4122080	5.68E-04	5.82E-04	5.96E-04	1.34E-04	2.80E-04	2.16E-03	Residence	2.93E-08	7.10E-07	7.82E-07	8.69E-08	1.61	0.00	5.68E-04	5.82E-04	5.96E-04	2.19E-04	2.58E-04	2.22E-03
605952	4122080	6.01E-04	6.15E-04	6.29E-04	1.54E-04	3.13E-04	2.31E-03	Residence	3.13E-08	7.59E-07	8.37E-07	9.29E-08	1.72	0.00	6.01E-04	6.15E-04	6.29E-04	2.49E-04	2.88E-04	2.38E-03
606272	4122080	4.53E-04	4.40E-04	4.28E-04	9.57E-05	2.69E-04	1.69E-03	Worker	2.29E-08	5.54E-07	6.10E-07	6.78E-08	1.25	0.00	4.53E-04	4.40E-04	4.28E-04	1.56E-04	2.47E-04	1.72E-03
606292	4122080	4.22E-04	4.10E-04	3.98E-04	8.24E-05	2.43E-04	1.55E-03	Worker	2.11E-08	5.10E-07	5.63E-07	6.25E-08	1.16	0.00	4.22E-04	4.10E-04	3.98E-04	1.34E-04	2.23E-04	1.59E-03
606312	4122080	3.79E-04	3.68E-04	3.58E-04	7.21E-05	2.20E-04	1.40E-03	Worker	1.89E-08	4.59E-07	5.06E-07	5.61E-08	1.04	0.00	3.79E-04	3.68E-04	3.58E-04	1.17E-04	2.02E-04	1.42E-03
606332	4122080	3.30E-04	3.22E-04	3.13E-04	6.41E-05	1.99E-04	1.23E-03	Worker	1.67E-08	4.04E-07	4.45E-07	4.94E-08	0.91	0.00	3.30E-04	3.22E-04	3.13E-04	1.04E-04	1.83E-04	1.25E-03
606352	4122080	2.86E-04	2.80E-04	2.73E-04	5.77E-05	1.81E-04	1.08E-03	Worker	1.46E-08	3.54E-07	3.90E-07	4.33E-08	0.80	0.00	2.86E-04	2.80E-04	2.73E-04	9.38E-05	1.67E-04	1.10E-03
606572	4122080	1.99E-04	1.95E-04	1.92E-04	2.35E-05	7.56E-05	6.85E-04	Residence	9.29E-09	2.25E-07	2.48E-07	2.75E-08	0.51	0.00	1.99E-04	1.95E-04	1.92E-04	3.82E-05	6.96E-05	6.94E-04
606592	4122080	2.02E-04	1.98E-04	1.96E-04	2.19E-05	7.09E-05	6.89E-04	Residence	9.34E-09	2.26E-07	2.49E-07	2.77E-08	0.51	0.00	2.02E-04	1.98E-04	1.96E-04	3.56E-05	6.52E-05	6.97E-04
606612	4122080	2.05E-04	2.01E-04	1.98E-04	2.05E-05	6.65E-05	6.91E-04	Residence	9.37E-09	2.27E-07	2.50E-07	2.78E-08	0.51	0.00	2.05E-04	2.01E-04	1.98E-04	3.33E-05	6.11E-05	6.98E-04
606632	4122080	2.06E-04	2.03E-04	2.00E-04	1.92E-05	6.24E-05	6.90E-04	Residence	9.36E-09	2.27E-07	2.50E-07	2.78E-08	0.51	0.00	2.06E-04	2.03E-04	2.00E-04	3.11E-05	5.74E-05	6.97E-04
606652	4122080	2.07E-04	2.04E-04	2.01E-04	1.80E-05	5.88E-05	6.89E-04	Residence	9.35E-09	2.26E-07	2.50E-07	2.77E-08	0.51	0.00	2.07E-04	2.04E-04	2.01E-04	2.92E-05	5.41E-05	6.96E-04
606672	4122080	2.08E-04	2.05E-04	2.02E-04	1.69E-05	5.54E-05	6.87E-04	Residence	9.32E-09	2.26E-07	2.49E-07	2.76E-08	0.51	0.00	2.08E-04	2.05E-04	2.02E-04	2.74E-05	5.10E-05	6.94E-04
606692	4122080	2.07E-04	2.04E-04	2.02E-04	1.59E-05	5.23E-05	6.82E-04	Residence	9.25E-09	2.24E-07	2.47E-07	2.74E-08	0.51	0.00	2.07E-04	2.04E-04	2.02E-04	2.58E-05	4.81E-05	6.88E-04
606712	4122080	2.06E-04	2.03E-04	2.01E-04	1.50E-05	4.95E-05	6.74E-04	Residence	9.15E-09	2.22E-07	2.44E-07	2.71E-08	0.50	0.00	2.06E-04	2.03E-04	2.01E-04	2.44E-05	4.56E-05	6.80E-04
606732	4122080	2.04E-04	2.01E-04	1.99E-04	1.42E-05	4.69E-05	6.66E-04	Residence	9.03E-09	2.19E-07	2.41E-07	2.68E-08	0.50	0.00	2.04E-04	2.01E-04	1.99E-04	2.30E-05	4.32E-05	6.71E-04
606752	4122080	2.00E-04	1.97E-04	1.95E-04	1.34E-05	4.45E-05	6.50E-04	Residence	8.81E-09	2.13E-07	2.35E-07	2.61E-08	0.48	0.00	2.00E-04	1.97E-04	1.95E-04	2.18E-05	4.10E-05	6.55E-04
606772	4122080	1.97E-04	1.95E-04	1.92E-04	1.27E-05	4.23E-05	6.39E-04	Residence	8.67E-09	2.10E-07	2.31E-07	2.57E-08	0.48	0.00	1.97E-04	1.95E-04	1.92E-04	2.07E-05	3.89E-05	6.44E-04
606792	4122080	1.97E-04	1.94E-04	1.92E-04	1.21E-05	4.03E-05	6.35E-04	Residence	8.61E-09	2.09E-07	2.30E-07	2.55E-08	0.47	0.00	1.97E-04	1.94E-04	1.92E-04	1.97E-05	3.71E-05	6.39E-04
606812	4122080	1.91E-04	1.89E-04	1.87E-04	1.15E-05	3.84E-05	6.17E-04	Residence	8.37E-09	2.03E-07	2.23E-07	2.48E-08	0.46	0.00	1.91E-04	1.89E-04	1.87E-04	1.87E-05	3.53E-05	6.21E-04
606892	4122080	1.79E-04	1.77E-04	1.75E-04	9.56E-06	3.21E-05	5.74E-04	Residence	7.78E-09	1.89E-07	2.08E-07	2.31E-08	0.43	0.00	1.79E-04	1.77E-04	1.75E-04	1.55E-05	2.96E-05	5.77E-04
606912	4122080	1.76E-04	1.74E-04	1.72E-04	9.16E-06	3.08E-05	5.62E-04	Residence	7.62E-09	1.85E-07	2.04E-07	2.26E-08	0.42	0.00	1.76E-04	1.74E-04	1.72E-04	1.49E-05	2.83E-05	5.65E-04

606932	4122080	1.74E-04	1.72E-04	1.70E-04	8.79E-06	2.96E-05	5.54E-04	Residence	7.51E-09	1.82E-07	2.01E-07	2.23E-08	0.41	0.00	1.74E-04	1.72E-04	1.70E-04	1.43E-05	2.72E-05	5.57E-04
605632	4122100	2.76E-04	2.81E-04	2.87E-04	2.74E-05	6.71E-05	9.39E-04	Residence	1.27E-08	3.08E-07	3.40E-07	3.77E-08	0.70	0.00	2.76E-04	2.81E-04	2.87E-04	4.44E-05	6.17E-05	9.50E-04
605652	4122100	2.91E-04	2.97E-04	3.02E-04	2.97E-05	7.25E-05	9.92E-04	Residence	1.34E-08	3.26E-07	3.59E-07	3.99E-08	0.74	0.00	2.91E-04	2.97E-04	3.02E-04	4.83E-05	6.67E-05	1.00E-03
605672	4122100	3.06E-04	3.12E-04	3.18E-04	3.24E-05	7.84E-05	1.05E-03	Residence	1.42E-08	3.44E-07	3.79E-07	4.20E-08	0.78	0.00	3.06E-04	3.12E-04	3.18E-04	5.27E-05	7.22E-05	1.06E-03
605692	4122100	3.17E-04	3.23E-04	3.30E-04	3.54E-05	8.50E-05	1.09E-03	Residence	1.48E-08	3.58E-07	3.95E-07	4.38E-08	0.81	0.00	3.17E-04	3.23E-04	3.30E-04	5.76E-05	7.82E-05	1.11E-03
605712	4122100	3.37E-04	3.44E-04	3.51E-04	3.90E-05	9.27E-05	1.16E-03	Residence	1.58E-08	3.82E-07	4.21E-07	4.68E-08	0.87	0.00	3.37E-04	3.44E-04	3.51E-04	6.33E-05	8.53E-05	1.18E-03
605732	4122100	3.57E-04	3.64E-04	3.71E-04	4.30E-05	1.01E-04	1.24E-03	Residence	1.68E-08	4.06E-07	4.48E-07	4.97E-08	0.92	0.00	3.57E-04	3.64E-04	3.71E-04	6.98E-05	9.32E-05	1.25E-03
605752	4122100	3.72E-04	3.80E-04	3.87E-04	4.75E-05	1.11E-04	1.30E-03	Residence	1.76E-08	4.26E-07	4.69E-07	5.21E-08	0.97	0.00	3.72E-04	3.80E-04	3.87E-04	7.73E-05	1.02E-04	1.32E-03
605772	4122100	3.93E-04	4.01E-04	4.09E-04	5.28E-05	1.22E-04	1.38E-03	Residence	1.87E-08	4.52E-07	4.99E-07	5.54E-08	1.03	0.00	3.93E-04	4.01E-04	4.09E-04	8.59E-05	1.12E-04	1.40E-03
605792	4122100	4.19E-04	4.28E-04	4.37E-04	5.90E-05	1.34E-04	1.48E-03	Residence	2.00E-08	4.85E-07	5.35E-07	5.94E-08	1.10	0.00	4.19E-04	4.28E-04	4.37E-04	9.58E-05	1.24E-04	1.50E-03
605812	4122100	4.41E-04	4.51E-04	4.60E-04	6.60E-05	1.48E-04	1.57E-03	Residence	2.13E-08	5.15E-07	5.67E-07	6.30E-08	1.17	0.00	4.41E-04	4.51E-04	4.60E-04	1.07E-04	1.36E-04	1.60E-03
605832	4122100	4.62E-04	4.72E-04	4.82E-04	7.41E-05	1.64E-04	1.65E-03	Residence	2.24E-08	5.43E-07	5.99E-07	6.65E-08	1.23	0.00	4.62E-04	4.72E-04	4.82E-04	1.20E-04	1.51E-04	1.69E-03
605852	4122100	4.95E-04	5.07E-04	5.18E-04	8.36E-05	1.82E-04	1.79E-03	Residence	2.42E-08	5.86E-07	6.46E-07	7.18E-08	1.33	0.00	4.95E-04	5.07E-04	5.18E-04	1.36E-04	1.67E-04	1.82E-03
605872	4122100	5.20E-04	5.32E-04	5.44E-04	9.42E-05	2.02E-04	1.89E-03	Residence	2.57E-08	6.22E-07	6.85E-07	7.61E-08	1.41	0.00	5.20E-04	5.32E-04	5.44E-04	1.53E-04	1.86E-04	1.94E-03
605892	4122100	5.50E-04	5.62E-04	5.74E-04	1.06E-04	2.24E-04	2.02E-03	Residence	2.73E-08	6.62E-07	7.30E-07	8.11E-08	1.50	0.00	5.50E-04	5.62E-04	5.74E-04	1.73E-04	2.06E-04	2.07E-03
605912	4122100	5.80E-04	5.92E-04	6.04E-04	1.20E-04	2.48E-04	2.14E-03	Residence	2.91E-08	7.04E-07	7.76E-07	8.61E-08	1.60	0.00	5.80E-04	5.92E-04	6.04E-04	1.95E-04	2.28E-04	2.20E-03
606572	4122100	1.89E-04	1.86E-04	1.84E-04	2.24E-05	7.17E-05	6.52E-04	Residence	8.85E-09	2.14E-07	2.36E-07	2.62E-08	0.49	0.00	1.89E-04	1.86E-04	1.84E-04	3.64E-05	6.60E-05	6.61E-04
606592	4122100	1.92E-04	1.89E-04	1.87E-04	2.10E-05	6.74E-05	6.56E-04	Residence	8.89E-09	2.15E-07	2.37E-07	2.64E-08	0.49	0.00	1.92E-04	1.89E-04	1.87E-04	3.41E-05	6.20E-05	6.63E-04
606612	4122100	1.94E-04	1.91E-04	1.89E-04	1.96E-05	6.33E-05	6.57E-04	Residence	8.91E-09	2.16E-07	2.38E-07	2.64E-08	0.49	0.00	1.94E-04	1.91E-04	1.89E-04	3.19E-05	5.83E-05	6.64E-04
606632	4122100	1.96E-04	1.93E-04	1.91E-04	1.84E-05	5.97E-05	6.57E-04	Residence	8.91E-09	2.16E-07	2.38E-07	2.64E-08	0.49	0.00	1.96E-04	1.93E-04	1.91E-04	2.99E-05	5.49E-05	6.64E-04
606652	4122100	1.97E-04	1.94E-04	1.92E-04	1.73E-05	5.63E-05	6.56E-04	Residence	8.90E-09	2.16E-07	2.38E-07	2.64E-08	0.49	0.00	1.97E-04	1.94E-04	1.92E-04	2.81E-05	5.18E-05	6.63E-04
606672	4122100	1.97E-04	1.95E-04	1.92E-04	1.63E-05	5.32E-05	6.54E-04	Residence	8.86E-09	2.15E-07	2.37E-07	2.63E-08	0.49	0.00	1.97E-04	1.95E-04	1.92E-04	2.65E-05	4.89E-05	6.59E-04
606692	4122100	1.97E-04	1.94E-04	1.92E-04	1.54E-05	5.03E-05	6.50E-04	Residence	8.81E-09	2.13E-07	2.35E-07	2.61E-08	0.48	0.00	1.97E-04	1.94E-04	1.92E-04	2.50E-05	4.63E-05	6.55E-04
606712	4122100	1.97E-04	1.94E-04	1.92E-04	1.45E-05	4.77E-05	6.45E-04	Residence	8.75E-09	2.12E-07	2.34E-07	2.59E-08	0.48	0.00	1.97E-04	1.94E-04	1.92E-04	2.36E-05	4.39E-05	6.51E-04
606852	4122100	1.80E-04	1.78E-04	1.76E-04	1.02E-05	3.40E-05	5.78E-04	Residence	7.84E-09	1.90E-07	2.09E-07	2.32E-08	0.43	0.00	1.80E-04	1.78E-04	1.76E-04	1.65E-05	3.13E-05	5.82E-04
606872	4122100	1.77E-04	1.75E-04	1.73E-04	9.73E-06	3.26E-05	5.68E-04	Residence	7.70E-09	1.87E-07	2.06E-07	2.28E-08	0.42	0.00	1.77E-04	1.75E-04	1.73E-04	1.58E-05	3.00E-05	5.71E-04
606892	4122100	1.73E-04	1.71E-04	1.69E-04	9.31E-06	3.12E-05	5.53E-04	Residence	7.50E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.73E-04	1.71E-04	1.69E-04	1.51E-05	2.87E-05	5.56E-04
606912	4122100	1.70E-04	1.68E-04	1.67E-04	8.92E-06	3.00E-05	5.44E-04	Residence	7.38E-09	1.79E-07	1.97E-07	2.19E-08	0.40	0.00	1.70E-04	1.68E-04	1.67E-04	1.45E-05	2.76E-05	5.47E-04
606932	4122100	1.68E-04	1.67E-04	1.65E-04	8.57E-06	2.88E-05	5.38E-04	Residence	7.29E-09	1.77E-07	1.95E-07	2.16E-08	0.40	0.00	1.68E-04	1.67E-04	1.65E-04	1.39E-05	2.65E-05	5.41E-04
605632	4122120	2.93E-04	2.98E-04	3.03E-04	2.91E-05	6.98E-05	9.93E-04	Residence	1.35E-08	3.26E-07	3.59E-07	3.99E-08	0.74	0.00	2.93E-04	2.98E-04	3.03E-04	4.73E-05	6.42E-05	1.01E-03
605652	4122120	3.09E-04	3.15E-04	3.21E-04	3.17E-05	7.54E-05	1.05E-03	Residence	1.43E-08	3.46E-07	3.81E-07	4.23E-08	0.78	0.00	3.09E-04	3.15E-04	3.21E-04	5.14E-05	6.93E-05	1.07E-03
605672	4122120	3.25E-04	3.31E-04	3.37E-04	3.45E-05	8.16E-05	1.11E-03	Residence	1.50E-08	3.64E-07	4.01E-07	4.46E-08	0.83	0.00	3.25E-04	3.31E-04	3.37E-04	5.61E-05	7.50E-05	1.12E-03
605692	4122120	3.37E-04	3.44E-04	3.50E-04	3.78E-05	8.83E-05	1.16E-03	Residence	1.57E-08	3.80E-07	4.19E-07	4.65E-08	0.86	0.00	3.37E-04	3.44E-04	3.50E-04	6.14E-05	8.13E-05	1.17E-03
605712	4122120	3.60E-04	3.66E-04	3.73E-04	4.15E-05	9.63E-05	1.24E-03	Residence	1.68E-08	4.06E-07	4.48E-07	4.97E-08	0.92	0.00	3.60E-04	3.66E-04	3.73E-04	6.75E-05	8.86E-05	1.26E-03
605732	4122120	3.82E-04	3.89E-04	3.97E-04	4.58E-05	1.05E-04	1.32E-03	Residence	1.79E-08	4.33E-07	4.78E-07	5.30E-08	0.98	0.00	3.82E-04	3.89E-04	3.97E-04	7.44E-05	9.67E-05	1.34E-03
605752	4122120	3.97E-04	4.05E-04	4.13E-04	5.06E-05	1.15E-04	1.38E-03	Residence	1.87E-08	4.54E-07	5.00E-07	5.55E-08	1.03	0.00	3.97E-04	4.05E-04	4.13E-04	8.22E-05	1.05E-04	1.40E-03
605772	4122120	4.22E-04	4.30E-04	4.38E-04	5.61E-05	1.26E-04	1.47E-03	Residence	1.99E-08	4.83E-07	5.32E-07	5.91E-08	1.09	0.00	4.22E-04	4.30E-04	4.38E-04	9.11E-05	1.16E-04	1.50E-03
605792	4122120	4.50E-04	4.58E-04	4.67E-04	6.24E-05	1.38E-04	1.58E-03	Residence	2.14E-08	5.18E-07	5.70E-07	6.33E-08	1.17	0.00	4.50E-04	4.58E-04	4.67E-04	1.01E-04	1.27E-04	1.60E-03
605812	4122120	4.72E-04	4.81E-04	4.90E-04	6.95E-05	1.52E-04	1.67E-03	Residence	2.26E-08	5.47E-07	6.03E-07	6.69E-08	1.24	0.00	4.72E-04	4.81E-04	4.90E-04	1.13E-04	1.39E-04	1.70E-03
605832	4122120	4.97E-04	5.06E-04	5.15E-04	7.75E-05	1.67E-04	1.76E-03	Residence	2.39E-08	5.79E-07	6.38E-07	7.08E-08	1.31	0.00	4.97E-04	5.06E-04	5.15E-04	1.26E-04	1.53E-04	1.80E-03
605852	4122120	5.30E-04	5.40E-04	5.50E-04	8.66E-05	1.83E-04	1.89E-03	Residence	2.56E-08	6.21E-07	6.85E-07	7.60E-08	1.41	0.00	5.30E-04	5.40E-04	5.50E-04	1.41E-04	1.69E-04	1.93E-03
605872	4122120	5.56E-04	5.66E-04	5.77E-04	9.65E-05	2.01E-04	2.00E-03	Residence	2.71E-08	6.56E-07	7.23E-07	8.03E-08	1.49	0.00	5.56E-04	5.66E-04	5.77E-04	1.57E-04	1.85E-04	2.04E-03
605992	4122120	7.27E-04	7.30E-04	7.31E-04	1.67E-04	3.21E-04	2.68E-03	Residence	3.63E-08	8.79E-07	9.68E-07	1.08E-07	1.99	0.00	7.27E-04	7.30E-04	7.31E-04	2.71E-04	2.96E-04	2.75E-03
606012	4122120	7.48E-04	7.49E-04	7.48E-04	1.75E-04	3.35E-04	2.76E-03	Residence	3.74E-08	9.05E-07	9.98E-07	1.11E-07	2.05	0.00	7.48E-04	7.49E-04	7.48E-04	2.85E-04	3.08E-04	2.84E-03
606032	4122120	7.61E-04	7.59E-04	7.55E-04	1.81E-04	3.44E-04	2.80E-03	Residence	3.80E-08	9.20E-07	1.01E-06	1.13E-07	2.08	0.00	7.61E-04	7.59E-04	7.55E-04	2.94E-04	3.17E-04	2.89E-03
606052	4122120	7.65E-04	7.59E-04	7.52E-04	1.82E-04	3.47E-04	2.81E-03	Residence	3.80E-08	9.22E-07	1.02E-06	1.13E-07	2.09	0.00	7.65E-04	7.59E-04	7.52E-04	2.96E-04	3.19E-04	2.89E-03
606512	4122120	1.74E-04	1.72E-04	1.71E-04	2.59E-05	8.21E-05	6.26E-04	Residence	8.48E-09	2.05E-07	2.26E-07	2.51E-08	0.47	0.00	1.74E-04	1.72E-04	1.71E-04	4.21E-05	7.56E-05	6.35E-04
606532	4122120	1.76E-04	1.74E-04	1.72E-04	2.42E-05	7.70E-05	6.23E-04	Residence	8.45E-09	2.05E-07	2.26E-07	2.50E-08	0.46	0.00	1.76E-04	1.74E-04	1.72E-04	3.94E-05	7.08E-05	6.32E-04
606552	4122120	1.78E-04	1.76E-04	1.74E-04	2.27E-05	7.23E-05	6.23E-04	Residence	8.45E-09	2.05E-07	2.26E-07	2.51E-08	0.46	0.00	1.78E-04	1.76E-04	1.74E-04	3.69E-05	6.65E-05	6.32E-04
606572	4122120	1.81E-04	1.78E-04	1.77E-04	2.13E-05	6.80E-05	6.25E-04	Residence	8.48E-09	2.05E-07	2.26E-07	2.51E-08	0.47	0.00	1.81E-04	1.78E-04	1.77E-04	3.46E-05	6.26E-05	6.33E-04
606592	4122120	1.84E-04	1.81E-04	1.79E-04	2.00E-05	6.41E-05	6.28E-04	Residence	8.52E-09	2.06E-07	2.27E-07	2.52E-08	0.47	0.00	1.84E-04	1.81E-04	1.79E-04	3.25E-05	5.90E-05	6.36E-04
606772	4122120	1.83E-04	1.81E-04	1.80E-04	1.20E-05	3.97E-05	5.96E-04	Residence	8.09E-09	1.96E-07	2.16E-07	2.40E-08	0.44	0.00	1.83E-04	1.81E-04	1.80E-04	1.95E-05	3.65E-05	6.01E-04
606792	4122120	1.81E-04	1.79E-04	1.78E-04	1.14E-05	3.78E-05	5.88E-04	Residence	7.97E-09	1.93E-07	2.13E-07	2.36E-08	0.44	0.00	1.81E-04	1.79E-04	1.78E-04	1.86E-05	3.48E-05	5.92E-04
606812	4122120	1.80E-04	1.78E-04	1.76E-04	1.09E-05	3.62E-05	5.80E-04	Residence	7.87E-09	1.91E-07	2.10E-07	2.33E-08	0.43	0.00	1.80E-04	1.78E-04	1.76E-04	1.77E-05	3.33E-05	5.84E-04
606852	4122120	1.74E-04	1.72E-04	1.71E-04	9.93E-06	3.31E-05	5.60E-04	Residence	7.59E-09	1.84E-07	2.03E-07	2.25E-08	0.42	0.00	1.74E-04	1.72E-04	1.71E-04	1.61E-05	3.04E-05	5.63E-04
606872	4122120	1.71E-04	1.70E-04	1.68E-04	9.50E-06	3.17E-05	5.50E-04	Residence	7.46E-09	1.81E-07	1.99E-07	2.21E-08	0.41	0.00	1.71E-04	1.70E-04	1.68E-04	1.54E-05	2.92E-05	5.53E-04
606892	4122120	1.68E-04	1.66E-04	1.65E-04	9.09E-06	3.04E-05	5.38E-04	Residence	7.30E-09	1.77E-07	1.95E-07	2.16E-08	0.40	0.00	1.68E-04	1.66E-04	1.65E-04	1.48E-05	2.80E-05	5.41E-04
606912	4122120	1.65E-04	1.64E-04	1.62E-04	8.71E-06	2.92E-05	5.29E-04	Residence	7.18E-09	1.74E-07	1.92E-07	2.13E-08	0.39	0.00	1.65E-04	1.64E-04	1.62E-04	1.42E-05	2.69E-05	5.33E-04
605632	4122140	3.10E-04	3.16E-04	3.21E-04	3.08E-05	7.24E-05	1.05E-03	Residence	1.42E-08	3.45E-07	3.80E-07	4.22E-08	0.78	0.00	3.10E-04	3.16E-04	3.21E-04	5.01E-05	6.66E-05	1.06E-03
605652	4122140	3.28E-04	3.34E-04	3.40E-04	3.36E-05	7.82E-05	1.11E-03	Residence	1.51E-08	3.66E-07	4.03E-07	4.48E-08	0.83	0.00	3.28E-04	3.34E-04	3.40E-04	5.46E-05	7.19E-05	1.13E-03
605672	4122140	3.43E-04	3.49E-04	3.55E-04	3.66E-05	8.44E-05	1.17E-03	Residence	1.58E-08	3.84E-07	4.23E-07	4.70E-08	0.87	0.00	3.43E-04	3.49E-04	3.55E-04	5.95E-05	7.77E-05	1.18E-03
605692	4122140	3.59E-04	3.65E-04	3.71E-04	4.00E-05	9.14E-05	1.23E-03	Residence	1.66E-08	4.03E-07	4.44E-07	4.93E-08	0.91	0.00	3.59E-04	3.65E-04	3.71E-04	6.50E-05	8.41E-05	1.24E-03
605712	4122140	3.82E-04	3.88E-04	3.95E-04	4.39E-05	9.94E-05	1.31E-03	Residence	1.77E-08	4.30E-07	4.74E-07	5.26E-08	0.97	0.00	3.82E-04	3.88E-04	3.95E-04	7.14E-05	9.14E-05	1.33E-03
605732	4122140	4.06E-04	4.13E-04	4.20E-04	4.83E-05	1.08E-04	1.40E-03	Residence	1.89E-08	4.58E-07	5.05E-07	5.61E-08	1.04	0.00	4.06E-04	4.13E-04	4.20E-04	7.86E-05	9.96E-05	1.42E-03
605752	4122140	4.22E-04	4.29E-04	4.36E-04	5.32E-05	1.18E-04	1.46E-03	Residence	1.98E-08	4.79E-07	5.28E-07	5.86E-08	1.09	0.00	4.22E-04	4.29E-04	4.36E-04	8.65E-05	1.08E-04	1.48E-03
605772	4122140	4.49E-04	4.57E-04	4.65E-04	5.88E-05	1.28E-04	1.56E-03	Residence	2.11E-08	5.12E-07	5.64E-07	6.26E-08	1.16	0.00	4.49E-04	4.57E-04	4.65E-04	9.56E-05	1.18E-04	1.58E-03
605792	4122140	4.78E-04	4.86E-04	4.94E-04	6.50E-05	1.40E-04	1.66E-03	Residence	2.26E-08	5.47E-07	6.03E-07	6.69E-08	1.24	0.00	4.78E-04	4.86E-04	4.94E-04	1.06E-04	1.29E-04	1.69E-03
605812	4122140	5.00E-04	5.08E-04	5.16E-04	7.19E-05	1.53E-04	1.75E-03	Residence	2.37E-08	5.75E-07	6.33E-07	7.03E-08	1.30	0.00	5.00E-04	5.08E-04	5.16E-04	1.17E-04	1.41E-04	1.78E-03
605832	4122140	5.29E-04	5.38E-04	5.45E-04	7.96E-05	1.67E-04	1.86E-03	Residence	2.52E-08	6.11E-07	6.73E-07	7.47E-08	1.38	0.00	5.29E-04	5.38E-04	5.45E-04	1.29E-04	1.54E-04	1.90E-03
605852	4122140	5.61E-04	5.70E-04	5.78E-04	8.79E-05	1.82E-04	1.98E-03	Residence	2.68E-08	6.50E-07	7.17E-07	7.96E-08	1.47	0.00	5.61E-04	5.70E-04	5.78E-04	1.43E-04	1.68E-04	2.02E-03
605932	4122140	6.67E-04	6.72E-04	6.77E-04	1.26E-04	2.48E-04	2.39E-03	Residence	3.24E-08	7.85E-07	8.65E-07	9.60E-08	1.78	0.00	6.67E-04	6.72E-04	6.77E-04	2.04E-04	2.28E-04	2.45E-03
605952	4122140	6.88E-04	6.92E-04	6.95E-04	1.35E-04	2.63E-04	2.47E-03	Residence	3.36E-08	8.13E-07	8.96E-07	9.94E-08	1.84	0.00	6.88E-04	6.92E-04	6.95E-04	2.19E-04	2.42E-04	2.54E-03
605972	4122140	7.16E-04	7.18E-04	7.19E-04	1.43E-04	2.78E-04	2.57E-03	Residence	3.49E-08	8.45E-07	9.32E-07	1.03E-07	1.92	0.00	7.16E-04	7.18E-04	7.19E-04	2.33E-04	2.55E-04	2.64E-03
605992	4122140	7.33E-04	7.32E-04	7.30E-04	1.50E-04	2.89E-04	2.63E-03	Residence	3.57E-08	8.65E-07	9.54E-07	1.06E-07	1.96	0.00	7.33E-04	7.32E-04	7.30E-04	2.43E-04	2.66E-04	2.71E-03
606012	4122140	7.43E-04	7.39E-04	7.35E-04	1.54E-04	2.96E-04	2.67E-03	Residence	3.62E-08	8.76E-07	9.66E-07	1.07E-07	1.99	0.00	7.43E-04	7.39E-04	7.35E-04	2.51E-04	2.72E-04	2.74E-03
606032	4122140	7.46E-04	7.39E-04	7.32E-04	1.56E-04	2.99E-04	2.67E-03	Residence	3.62E-08	8.78E-07	9.67E-07	1.07E-07	1.99	0.00	7.46E-04	7.39E-04	7.32E-04	2.53E-04	2.75E-04	2.75E-03
606052	4122140	7.39E-04	7.29E-04	7.19E-04	1.55E-04	2.98E-04	2.64E-03	Residence	3.58E-08	8.67E-07	9.55E-07	1.06E-07	1.96	0.00	7.39E-04	7.29E-04	7.19E-04	2.51E-04	2.74E-04	2.71E-03
606072	4122140	7.25E-04	7.14E-04	7.03E-04	1.51E-04	2.93E-04	2.58E-03	Residence	3.51E-08	8.49E-07	9.36E-07	1.04E-07	1.92	0.00	7.25E-04	7.14E-04	7.03E-04	2.45E-04	2.69E-04	2.66E-03
606132	4122140	6.02E-04	5.89E-04	5.76E-04	1.28E-04	2.63E-04	2.16E-03	Worker	2.93E-08	7.09E-07	7.81E-07	8.68E-08	1.61	0.00	6.02E-04	5.89E-04	5.76E-04	2.09E-04	2.42E-04	2.22E-03
606152	4122140	5.55E-04	5.44E-04	5.32E-04	1.20E-04	2.52E-04	2.00E-03	Worker	2.72E-08	6.58E-07	7.25E-07	8.05E-08	1.49	0.00	5.55E-04	5.44E-04	5.32E-04	1.95E-04	2.32E-04	2.06E-03
606172	4122140	5.09E-04	5.00E-04	4.90E-04	1.11E-04	2.41E-04	1.85E-03	Worker	2.51E-08	6.08E-07	6.70E-07	7.44E-08	1.38	0.00	5.09E-04	5.00E-04	4.90E-04	1.81E-04	2.22E-04	1.90E-03
606652	4122140	1.82E-04	1.80E-04	1.78E-04	1.60E-05	5.17E-05	6.07E-04	Bright Horizons Daycare	8.23E-09	1.99E-07	2.20E-07	2.44E-08	0.45	0.00	1.82E-04	1.80E-04	1.78E-04	2.60E-05	4.75E-05	6.13E-04
606672	4122140	1.82E-04	1.80E-04	1.78E-04	1.52E-05	4.90E-05	6.04E-04	Bright Horizons Daycare	8.19E-09	1.98E-07	2.19E-07	2.43E-08	0.45	0.00	1.82E-04	1.80E-04	1.78E-04	2.46E-05	4.51E-05	6.10E-04

606712	4122140	1.81E-04	1.79E-04	1.77E-04	1.36E-05	4.43E-05	5.95E-04	Residence	8.06E-09	1.95E-07	2.15E-07	2.39E-08	0.44	0.00	1.81E-04	1.79E-04	1.77E-04	2.21E-05	4.08E-05	6.00E-04
606732	4122140	1.80E-04	1.78E-04	1.76E-04	1.29E-05	4.22E-05	5.89E-04	Residence	7.98E-09	1.93E-07	2.13E-07	2.37E-08	0.44	0.00	1.80E-04	1.78E-04	1.76E-04	2.10E-05	3.88E-05	5.93E-04
606752	4122140	1.79E-04	1.77E-04	1.75E-04	1.23E-05	4.02E-05	5.83E-04	Residence	7.91E-09	1.92E-07	2.11E-07	2.34E-08	0.43	0.00	1.79E-04	1.77E-04	1.75E-04	2.00E-05	3.70E-05	5.88E-04
606772	4122140	1.77E-04	1.75E-04	1.73E-04	1.17E-05	3.84E-05	5.75E-04	Residence	7.80E-09	1.89E-07	2.08E-07	2.31E-08	0.43	0.00	1.77E-04	1.75E-04	1.73E-04	1.90E-05	3.53E-05	5.80E-04
606792	4122140	1.75E-04	1.73E-04	1.72E-04	1.11E-05	3.67E-05	5.68E-04	Residence	7.70E-09	1.86E-07	2.05E-07	2.28E-08	0.42	0.00	1.75E-04	1.73E-04	1.72E-04	1.81E-05	3.37E-05	5.72E-04
606812	4122140	1.74E-04	1.73E-04	1.71E-04	1.06E-05	3.51E-05	5.64E-04	Residence	7.65E-09	1.85E-07	2.04E-07	2.27E-08	0.42	0.00	1.74E-04	1.73E-04	1.71E-04	1.73E-05	3.23E-05	5.68E-04
606832	4122140	1.71E-04	1.69E-04	1.67E-04	1.01E-05	3.36E-05	5.51E-04	Residence	7.47E-09	1.81E-07	1.99E-07	2.21E-08	0.41	0.00	1.71E-04	1.69E-04	1.67E-04	1.65E-05	3.09E-05	5.54E-04
606852	4122140	1.69E-04	1.67E-04	1.66E-04	9.69E-06	3.22E-05	5.43E-04	Residence	7.37E-09	1.79E-07	1.97E-07	2.18E-08	0.40	0.00	1.69E-04	1.67E-04	1.66E-04	1.57E-05	2.96E-05	5.47E-04
605632	4122160	3.29E-04	3.35E-04	3.40E-04	3.26E-05	7.48E-05	1.11E-03	Residence	1.51E-08	3.65E-07	4.02E-07	4.47E-08	0.83	0.00	3.29E-04	3.35E-04	3.40E-04	5.29E-05	6.88E-05	1.13E-03
605652	4122160	3.48E-04	3.53E-04	3.59E-04	3.54E-05	8.07E-05	1.18E-03	Residence	1.59E-08	3.86E-07	4.25E-07	4.72E-08	0.87	0.00	3.48E-04	3.53E-04	3.59E-04	5.76E-05	7.42E-05	1.19E-03
605672	4122160	3.63E-04	3.69E-04	3.75E-04	3.86E-05	8.70E-05	1.23E-03	Residence	1.67E-08	4.05E-07	4.46E-07	4.95E-08	0.92	0.00	3.63E-04	3.69E-04	3.75E-04	6.27E-05	8.01E-05	1.25E-03
605692	4122160	3.81E-04	3.87E-04	3.93E-04	4.21E-05	9.40E-05	1.30E-03	Residence	1.76E-08	4.26E-07	4.69E-07	5.21E-08	0.96	0.00	3.81E-04	3.87E-04	3.93E-04	6.84E-05	8.65E-05	1.32E-03
605712	4122160	4.05E-04	4.11E-04	4.18E-04	4.61E-05	1.02E-04	1.38E-03	Residence	1.87E-08	4.54E-07	5.00E-07	5.56E-08	1.03	0.00	4.05E-04	4.11E-04	4.18E-04	7.49E-05	9.38E-05	1.40E-03
605732	4122160	4.27E-04	4.34E-04	4.40E-04	5.05E-05	1.11E-04	1.46E-03	Residence	1.98E-08	4.80E-07	5.29E-07	5.88E-08	1.09	0.00	4.27E-04	4.34E-04	4.40E-04	8.21E-05	1.02E-04	1.48E-03
605752	4122160	4.45E-04	4.51E-04	4.58E-04	5.54E-05	1.20E-04	1.53E-03	Residence	2.07E-08	5.02E-07	5.53E-07	6.14E-08	1.14	0.00	4.45E-04	4.51E-04	4.58E-04	9.00E-05	1.10E-04	1.55E-03
605772	4122160	4.75E-04	4.82E-04	4.89E-04	6.09E-05	1.30E-04	1.64E-03	Residence	2.22E-08	5.38E-07	5.93E-07	6.58E-08	1.22	0.00	4.75E-04	4.82E-04	4.89E-04	9.89E-05	1.20E-04	1.66E-03
605792	4122160	5.04E-04	5.11E-04	5.17E-04	6.68E-05	1.41E-04	1.74E-03	Residence	2.36E-08	5.71E-07	6.30E-07	6.99E-08	1.29	0.00	5.04E-04	5.11E-04	5.17E-04	1.09E-04	1.30E-04	1.77E-03
605812	4122160	5.23E-04	5.30E-04	5.36E-04	7.33E-05	1.53E-04	1.82E-03	Residence	2.46E-08	5.96E-07	6.57E-07	7.30E-08	1.35	0.00	5.23E-04	5.30E-04	5.36E-04	1.19E-04	1.41E-04	1.85E-03
605832	4122160	5.56E-04	5.63E-04	5.69E-04	8.03E-05	1.66E-04	1.93E-03	Residence	2.62E-08	6.35E-07	7.00E-07	7.77E-08	1.44	0.00	5.56E-04	5.63E-04	5.69E-04	1.30E-04	1.52E-04	1.97E-03
605912	4122160	6.64E-04	6.68E-04	6.72E-04	1.11E-04	2.19E-04	2.33E-03	Residence	3.17E-08	7.67E-07	8.45E-07	9.38E-08	1.74	0.00	6.64E-04	6.68E-04	6.72E-04	1.80E-04	2.02E-04	2.39E-03
605932	4122160	6.85E-04	6.88E-04	6.90E-04	1.18E-04	2.32E-04	2.41E-03	Residence	3.27E-08	7.92E-07	8.73E-07	9.70E-08	1.80	0.00	6.85E-04	6.88E-04	6.90E-04	1.92E-04	2.13E-04	2.47E-03
605952	4122160	7.00E-04	7.01E-04	7.01E-04	1.24E-04	2.42E-04	2.47E-03	Residence	3.35E-08	8.11E-07	8.93E-07	9.92E-08	1.84	0.00	7.00E-04	7.01E-04	7.01E-04	2.02E-04	2.23E-04	2.53E-03
605972	4122160	7.14E-04	7.13E-04	7.11E-04	1.30E-04	2.51E-04	2.52E-03	Residence	3.42E-08	8.27E-07	9.12E-07	1.01E-07	1.87	0.00	7.14E-04	7.13E-04	7.11E-04	2.11E-04	2.31E-04	2.58E-03
605992	4122160	7.27E-04	7.23E-04	7.18E-04	1.33E-04	2.58E-04	2.56E-03	Residence	3.47E-08	8.40E-07	9.26E-07	1.03E-07	1.90	0.00	7.27E-04	7.23E-04	7.18E-04	2.17E-04	2.37E-04	2.62E-03
606012	4122160	7.26E-04	7.20E-04	7.13E-04	1.35E-04	2.61E-04	2.56E-03	Residence	3.47E-08	8.40E-07	9.25E-07	1.03E-07	1.90	0.00	7.26E-04	7.20E-04	7.13E-04	2.19E-04	2.40E-04	2.62E-03
606032	4122160	7.20E-04	7.12E-04	7.02E-04	1.34E-04	2.60E-04	2.53E-03	Residence	3.43E-08	8.30E-07	9.15E-07	1.02E-07	1.88	0.00	7.20E-04	7.12E-04	7.02E-04	2.19E-04	2.40E-04	2.59E-03
606052	4122160	7.06E-04	6.96E-04	6.84E-04	1.32E-04	2.57E-04	2.47E-03	Residence	3.36E-08	8.13E-07	8.96E-07	9.95E-08	1.84	0.00	7.06E-04	6.96E-04	6.84E-04	2.14E-04	2.37E-04	2.54E-03
606072	4122160	6.89E-04	6.78E-04	6.66E-04	1.27E-04	2.51E-04	2.41E-03	Residence	3.27E-08	7.93E-07	8.73E-07	9.70E-08	1.80	0.00	6.89E-04	6.78E-04	6.66E-04	2.07E-04	2.31E-04	2.47E-03
606132	4122160	5.63E-04	5.52E-04	5.41E-04	1.09E-04	2.26E-04	1.99E-03	Worker	2.70E-08	6.54E-07	7.21E-07	8.00E-08	1.48	0.00	5.63E-04	5.52E-04	5.41E-04	1.77E-04	2.08E-04	2.04E-03
606152	4122160	5.19E-04	5.10E-04	5.01E-04	1.02E-04	2.18E-04	1.85E-03	Worker	2.51E-08	6.08E-07	6.70E-07	7.44E-08	1.38	0.00	5.19E-04	5.10E-04	5.01E-04	1.66E-04	2.00E-04	1.90E-03
606172	4122160	4.79E-04	4.71E-04	4.63E-04	9.51E-05	2.09E-04	1.72E-03	Worker	2.33E-08	5.64E-07	6.21E-07	6.90E-08	1.28	0.00	4.79E-04	4.71E-04	4.63E-04	1.55E-04	1.92E-04	1.76E-03
606512	4122160	1.64E-04	1.63E-04	1.62E-04	2.26E-05	7.23E-05	5.85E-04	Worker	7.93E-09	1.92E-07	2.12E-07	2.35E-08	0.44	0.00	1.64E-04	1.63E-04	1.62E-04	3.68E-05	6.65E-05	5.93E-04
606532	4122160	1.65E-04	1.64E-04	1.63E-04	2.14E-05	6.82E-05	5.82E-04	Worker	7.89E-09	1.91E-07	2.11E-07	2.34E-08	0.43	0.00	1.65E-04	1.64E-04	1.63E-04	3.48E-05	6.28E-05	5.90E-04
606552	4122160	1.67E-04	1.65E-04	1.64E-04	2.02E-05	6.45E-05	5.82E-04	Worker	7.89E-09	1.91E-07	2.11E-07	2.34E-08	0.43	0.00	1.67E-04	1.65E-04	1.64E-04	3.29E-05	5.94E-05	5.89E-04
606652	4122160	1.75E-04	1.73E-04	1.72E-04	1.54E-05	4.95E-05	5.86E-04	Bright Horizons Daycare	7.94E-09	1.92E-07	2.12E-07	2.35E-08	0.44	0.00	1.75E-04	1.73E-04	1.72E-04	2.50E-05	4.55E-05	5.91E-04
606672	4122160	1.76E-04	1.74E-04	1.72E-04	1.46E-05	4.71E-05	5.83E-04	Bright Horizons Daycare	7.91E-09	1.92E-07	2.11E-07	2.34E-08	0.43	0.00	1.76E-04	1.74E-04	1.72E-04	2.37E-05	4.33E-05	5.89E-04
606712	4122160	1.74E-04	1.73E-04	1.71E-04	1.32E-05	4.27E-05	5.74E-04	Residence	7.78E-09	1.89E-07	2.08E-07	2.31E-08	0.43	0.00	1.74E-04	1.73E-04	1.71E-04	2.14E-05	3.93E-05	5.79E-04
606732	4122160	1.74E-04	1.72E-04	1.70E-04	1.25E-05	4.07E-05	5.69E-04	Residence	7.71E-09	1.87E-07	2.06E-07	2.29E-08	0.42	0.00	1.74E-04	1.72E-04	1.70E-04	2.04E-05	3.75E-05	5.73E-04
606752	4122160	1.73E-04	1.71E-04	1.69E-04	1.19E-05	3.89E-05	5.64E-04	Residence	7.64E-09	1.85E-07	2.04E-07	2.27E-08	0.42	0.00	1.73E-04	1.71E-04	1.69E-04	1.94E-05	3.58E-05	5.68E-04
606772	4122160	1.71E-04	1.70E-04	1.68E-04	1.14E-05	3.72E-05	5.58E-04	Residence	7.56E-09	1.83E-07	2.02E-07	2.24E-08	0.41	0.00	1.71E-04	1.70E-04	1.68E-04	1.85E-05	3.42E-05	5.62E-04
606792	4122160	1.70E-04	1.68E-04	1.67E-04	1.08E-05	3.56E-05	5.51E-04	Residence	7.48E-09	1.81E-07	2.00E-07	2.22E-08	0.41	0.00	1.70E-04	1.68E-04	1.67E-04	1.76E-05	3.27E-05	5.55E-04
606872	4122160	1.62E-04	1.61E-04	1.59E-04	9.07E-06	3.00E-05	5.21E-04	Residence	7.07E-09	1.71E-07	1.89E-07	2.10E-08	0.39	0.00	1.62E-04	1.61E-04	1.59E-04	1.47E-05	2.76E-05	5.25E-04
606892	4122160	1.60E-04	1.58E-04	1.57E-04	8.69E-06	2.89E-05	5.12E-04	Residence	6.95E-09	1.68E-07	1.85E-07	2.06E-08	0.38	0.00	1.60E-04	1.58E-04	1.57E-04	1.41E-05	2.66E-05	5.15E-04
606912	4122160	1.57E-04	1.55E-04	1.54E-04	8.34E-06	2.78E-05	5.02E-04	Residence	6.81E-09	1.65E-07	1.82E-07	2.02E-08	0.37	0.00	1.57E-04	1.55E-04	1.54E-04	1.36E-05	2.55E-05	5.05E-04
605632	4122180	3.46E-04	3.51E-04	3.57E-04	3.42E-05	7.70E-05	1.17E-03	Residence	1.58E-08	3.83E-07	4.22E-07	4.68E-08	0.87	0.00	3.46E-04	3.51E-04	3.57E-04	5.56E-05	7.08E-05	1.18E-03
605652	4122180	3.64E-04	3.69E-04	3.75E-04	3.71E-05	8.28E-05	1.23E-03	Residence	1.67E-08	4.04E-07	4.45E-07	4.94E-08	0.91	0.00	3.64E-04	3.69E-04	3.75E-04	6.03E-05	7.62E-05	1.25E-03
605672	4122180	3.81E-04	3.86E-04	3.92E-04	4.03E-05	8.91E-05	1.29E-03	Residence	1.75E-08	4.23E-07	4.66E-07	5.18E-08	0.96	0.00	3.81E-04	3.86E-04	3.92E-04	6.56E-05	8.20E-05	1.31E-03
605692	4122180	4.00E-04	4.06E-04	4.12E-04	4.39E-05	9.60E-05	1.36E-03	Residence	1.84E-08	4.46E-07	4.92E-07	5.46E-08	1.01	0.00	4.00E-04	4.06E-04	4.12E-04	7.14E-05	8.84E-05	1.38E-03
605712	4122180	4.24E-04	4.29E-04	4.35E-04	4.79E-05	1.04E-04	1.44E-03	Residence	1.95E-08	4.73E-07	5.21E-07	5.79E-08	1.07	0.00	4.24E-04	4.29E-04	4.35E-04	7.78E-05	9.54E-05	1.46E-03
605732	4122180	4.46E-04	4.52E-04	4.58E-04	5.23E-05	1.12E-04	1.52E-03	Residence	2.06E-08	4.99E-07	5.50E-07	6.11E-08	1.13	0.00	4.46E-04	4.52E-04	4.58E-04	8.49E-05	1.03E-04	1.54E-03
605752	4122180	4.65E-04	4.71E-04	4.77E-04	5.70E-05	1.21E-04	1.59E-03	Residence	2.16E-08	5.23E-07	5.76E-07	6.40E-08	1.18	0.00	4.65E-04	4.71E-04	4.77E-04	9.26E-05	1.11E-04	1.62E-03
605772	4122180	4.97E-04	5.03E-04	5.09E-04	6.22E-05	1.30E-04	1.70E-03	Residence	2.31E-08	5.59E-07	6.16E-07	6.84E-08	1.27	0.00	4.97E-04	5.03E-04	5.09E-04	1.01E-04	1.20E-04	1.73E-03
605792	4122180	5.23E-04	5.28E-04	5.34E-04	6.77E-05	1.40E-04	1.79E-03	Residence	2.43E-08	5.89E-07	6.49E-07	7.21E-08	1.33	0.00	5.23E-04	5.28E-04	5.34E-04	1.10E-04	1.29E-04	1.82E-03
605812	4122180	5.43E-04	5.48E-04	5.54E-04	7.35E-05	1.51E-04	1.87E-03	Residence	2.54E-08	6.14E-07	6.77E-07	7.51E-08	1.39	0.00	5.43E-04	5.48E-04	5.54E-04	1.19E-04	1.39E-04	1.90E-03
605832	4122180	5.78E-04	5.83E-04	5.88E-04	7.97E-05	1.62E-04	1.99E-03	Residence	2.70E-08	6.54E-07	7.21E-07	8.00E-08	1.48	0.00	5.78E-04	5.83E-04	5.88E-04	1.29E-04	1.49E-04	2.03E-03
605892	4122180	6.57E-04	6.59E-04	6.62E-04	9.84E-05	1.95E-04	2.27E-03	Residence	3.08E-08	7.46E-07	8.22E-07	9.13E-08	1.69	0.00	6.57E-04	6.59E-04	6.62E-04	1.60E-04	1.80E-04	2.32E-03
605912	4122180	6.78E-04	6.80E-04	6.81E-04	1.04E-04	2.05E-04	2.35E-03	Residence	3.18E-08	7.71E-07	8.50E-07	9.44E-08	1.75	0.00	6.78E-04	6.80E-04	6.81E-04	1.69E-04	1.89E-04	2.40E-03
605932	4122180	6.91E-04	6.91E-04	6.90E-04	1.09E-04	2.14E-04	2.40E-03	Residence	3.25E-08	7.87E-07	8.67E-07	9.63E-08	1.78	0.00	6.91E-04	6.91E-04	6.90E-04	1.78E-04	1.97E-04	2.45E-03
605952	4122180	7.06E-04	7.04E-04	7.02E-04	1.14E-04	2.22E-04	2.45E-03	Residence	3.32E-08	8.04E-07	8.86E-07	9.84E-08	1.82	0.00	7.06E-04	7.04E-04	7.02E-04	1.85E-04	2.04E-04	2.50E-03
605972	4122180	7.17E-04	7.13E-04	7.08E-04	1.17E-04	2.27E-04	2.48E-03	Residence	3.37E-08	8.15E-07	8.98E-07	9.98E-08	1.85	0.00	7.17E-04	7.13E-04	7.08E-04	1.89E-04	2.09E-04	2.54E-03
605992	4122180	7.18E-04	7.12E-04	7.05E-04	1.18E-04	2.30E-04	2.48E-03	Residence	3.37E-08	8.16E-07	8.99E-07	9.98E-08	1.85	0.00	7.18E-04	7.12E-04	7.05E-04	1.92E-04	2.11E-04	2.54E-03
606012	4122180	7.09E-04	7.02E-04	6.93E-04	1.18E-04	2.30E-04	2.45E-03	Residence	3.33E-08	8.06E-07	8.88E-07	9.86E-08	1.83	0.00	7.09E-04	7.02E-04	6.93E-04	1.92E-04	2.12E-04	2.51E-03
606032	4122180	6.97E-04	6.87E-04	6.77E-04	1.16E-04	2.28E-04	2.41E-03	Residence	3.26E-08	7.90E-07	8.71E-07	9.67E-08	1.79	0.00	6.97E-04	6.87E-04	6.77E-04	1.89E-04	2.10E-04	2.46E-03
606052	4122180	6.76E-04	6.65E-04	6.54E-04	1.13E-04	2.24E-04	2.33E-03	Residence	3.16E-08	7.66E-07	8.44E-07	9.37E-08	1.74	0.00	6.76E-04	6.65E-04	6.54E-04	1.84E-04	2.06E-04	2.38E-03
606132	4122180	5.29E-04	5.21E-04	5.11E-04	9.35E-05	1.97E-04	1.85E-03	Worker	2.51E-08	6.08E-07	6.70E-07	7.44E-08	1.38	0.00	5.29E-04	5.21E-04	5.11E-04	1.52E-04	1.81E-04	1.89E-03
606152	4122180	4.90E-04	4.83E-04	4.74E-04	8.81E-05	1.90E-04	1.72E-03	Worker	2.34E-08	5.67E-07	6.24E-07	6.93E-08	1.28	0.00	4.90E-04	4.83E-04	4.74E-04	1.43E-04	1.75E-04	1.76E-03
606172	4122180	4.54E-04	4.48E-04	4.41E-04	8.23E-05	1.83E-04	1.61E-03	Worker	2.18E-08	5.28E-07	5.82E-07	6.46E-08	1.20	0.00	4.54E-04	4.48E-04	4.41E-04	1.34E-04	1.68E-04	1.64E-03
606332	4122180	2.51E-04	2.49E-04	2.47E-04	3.82E-05	1.17E-04	9.02E-04	Worker	1.22E-08	2.96E-07	3.27E-07	3.63E-08	0.67	0.00	2.51E-04	2.49E-04	2.47E-04	6.21E-05	1.07E-04	9.17E-04
606352	4122180	2.30E-04	2.29E-04	2.27E-04	3.51E-05	1.10E-04	8.31E-04	Worker	1.13E-08	2.73E-07	3.01E-07	3.34E-08	0.62	0.00	2.30E-04	2.29E-04	2.27E-04	5.70E-05	1.01E-04	8.44E-04
606672	4122180	1.70E-04	1.69E-04	1.67E-04	1.40E-05	4.52E-05	5.66E-04	Residence	7.67E-09	1.86E-07	2.05E-07	2.27E-08	0.42	0.00	1.70E-04	1.69E-04	1.67E-04	2.28E-05	4.16E-05	5.71E-04
606712	4122180	1.69E-04	1.67E-04	1.66E-04	1.27E-05	4.11E-05	5.55E-04	Residence	7.53E-09	1.82E-07	2.01E-07	2.23E-08	0.41	0.00	1.69E-04	1.67E-04	1.66E-04	2.07E-05	3.78E-05	5.60E-04
606812	4122180	1.64E-04	1.62E-04	1.61E-04	1.01E-05	3.30E-05	5.30E-04	Residence	7.19E-09	1.74E-07	1.92E-07	2.13E-08	0.39	0.00	1.64E-04	1.62E-04	1.61E-04	1.64E-05	3.04E-05	5.34E-04
606832	4122180	1.62E-04	1.60E-04	1.59E-04	9.66E-06	3.17E-05	5.22E-04	Residence	7.09E-09	1.72E-07	1.89E-07	2.10E-08	0.39	0.00	1.62E-04	1.60E-04	1.59E-04	1.57E-05	2.92E-05	5.26E-04
606852	4122180	1.59E-04	1.58E-04	1.57E-04	9.25E-06	3.04E-05	5.13E-04	Residence	6.96E-09	1.69E-07	1.86E-07	2.06E-08	0.38	0.00	1.59E-04	1.58E-04	1.57E-04	1.50E-05	2.80E-05	5.17E-04
606872	4122180	1.57E-04	1.56E-04	1.55E-04	8.86E-06	2.92E-05	5.05E-04	Residence	6.85E-09	1.66E-07	1.83E-07	2.03E-08	0.38	0.00	1.57E-04	1.56E-04	1.55E-04	1.44E-05	2.69E-05	5.09E-04
606892	4122180	1.55E-04	1.53E-04	1.52E-04	8.50E-06	2.81E-05	4.97E-04	Residence	6.74E-09	1.63E-07	1.80E-07	2.00E-08	0.37	0.00	1.55E-04	1.53E-04	1.52E-04	1.38E-05	2.59E-05	5.00E-04
606912	4122180	1.52E-04	1.51E-04	1.50E-04	8.17E-06	2.71E-05	4.89E-04	Residence	6.63E-09	1.61E-07	1.77E-07	1.96E-08	0.36	0.00	1.52E-04	1.51E-04	1.50E-04	1.33E-05	2.49E-05	4.92E-04
605872	4122200	6.42E-04	6.43E-04	6.44E-04	8.81E-05	1.75E-04	2.19E-03	Residence	2.97E-08	7.20E-07	7.94E-07	8.81E-08	1.63	0.00	6.42E-04	6.43E-04	6.44E-04	1.43E-04	1.61E-04	2.23E-03
605892	4122200	6.66E-04	6.67E-04	6.67E-04	9.27E-05	1.83E-04	2.28E-03	Residence	3.09E-08	7.48E-07	8.24E-07	9.15E-08	1.69	0.00	6.66E-04	6.67E-04	6.67E-04	1.51E-04	1.69E-04	2.32E-03
605912	4122200	6.80E-04	6.79E-04	6.78E-04	9.69E-05	1.91E-04	2.33E-03	Residence	3.15E-08	7.64E-07	8.42E-07	9.35E-08	1.73	0.00	6.80E-04	6.79E-04	6.78E-04	1.57E-04	1.76E-04	2.37E-03
605932	4122200	6.90E-04	6.88E-04	6.85E-04	1.00E-04	1.97E-04	2.36E-03	Residence	3.20E-08	7.75E-07	8.54E-07	9.49E-08	1.76	0.00	6.90E-04	6.88E-04	6.85E-04	1.63E-04	1.81E-04	2.41E-03
605952	4122200	7.00E-04	6.96E-04	6.91E-04	1.03E-04	2.01E-04	2.39E-03	Residence	3.24E-08	7.86E-07	8.66E-07	9.61E-08	1.78	0.00	7.00E-04	6.96E-04	6.91E-04	1.67E-04	1.85E-04	2.44E-03
605972	4122200	7.03E-04	6.98E-04	6.91E-04	1.04E-04	2.04E-04	2.40E-03	Residence	3.26E-08	7.89E-07	8.69E-07	9.65E-08	1.79	0.00	7.03E-04	6.98E-04	6.91E-04	1.70E-04	1.88E-04	2.45E-03

605992	4122200	6.98E-04	6.91E-04	6.83E-04	1.05E-04	2.05E-04	2.38E-03	Residence	3.23E-08	7.82E-07	8.62E-07	9.57E-08	1.77	0.00	6.98E-04	6.91E-04	6.83E-04	1.70E-04	1.88E-04	2.43E-03
606012	4122200	6.86E-04	6.77E-04	6.68E-04	1.03E-04	2.03E-04	2.34E-03	Residence	3.17E-08	7.68E-07	8.46E-07	9.39E-08	1.74	0.00	6.86E-04	6.77E-04	6.68E-04	1.68E-04	1.87E-04	2.39E-03
606032	4122200	6.68E-04	6.59E-04	6.48E-04	1.01E-04	2.00E-04	2.28E-03	Residence	3.09E-08	7.48E-07	8.24E-07	9.15E-08	1.69	0.00	6.68E-04	6.59E-04	6.48E-04	1.64E-04	1.84E-04	2.32E-03
606052	4122200	6.45E-04	6.35E-04	6.24E-04	9.79E-05	1.96E-04	2.20E-03	Residence	2.98E-08	7.22E-07	7.96E-07	8.83E-08	1.64	0.00	6.45E-04	6.35E-04	6.24E-04	1.59E-04	1.80E-04	2.24E-03
606072	4122200	6.20E-04	6.10E-04	6.00E-04	9.40E-05	1.91E-04	2.11E-03	Residence	2.87E-08	6.95E-07	7.66E-07	8.50E-08	1.57	0.00	6.20E-04	6.10E-04	6.00E-04	1.53E-04	1.75E-04	2.16E-03
606132	4122200	5.02E-04	4.94E-04	4.86E-04	8.13E-05	1.73E-04	1.74E-03	Worker	2.36E-08	5.71E-07	6.29E-07	6.98E-08	1.29	0.00	5.02E-04	4.94E-04	4.86E-04	1.32E-04	1.59E-04	1.77E-03
606152	4122200	4.66E-04	4.60E-04	4.53E-04	7.69E-05	1.67E-04	1.62E-03	Worker	2.20E-08	5.33E-07	5.87E-07	6.52E-08	1.21	0.00	4.66E-04	4.60E-04	4.53E-04	1.25E-04	1.54E-04	1.66E-03
606172	4122200	4.34E-04	4.28E-04	4.22E-04	7.20E-05	1.61E-04	1.52E-03	Worker	2.06E-08	4.98E-07	5.49E-07	6.10E-08	1.13	0.00	4.34E-04	4.28E-04	4.22E-04	1.17E-04	1.48E-04	1.55E-03
606332	4122200	2.46E-04	2.45E-04	2.43E-04	3.52E-05	1.07E-04	8.76E-04	Worker	1.19E-08	2.88E-07	3.17E-07	3.52E-08	0.65	0.00	2.46E-04	2.45E-04	2.43E-04	5.71E-05	9.82E-05	8.89E-04
606352	4122200	2.27E-04	2.26E-04	2.25E-04	3.24E-05	1.01E-04	8.10E-04	Worker	1.10E-08	2.66E-07	2.93E-07	3.26E-08	0.60	0.00	2.27E-04	2.26E-04	2.25E-04	5.26E-05	9.26E-05	8.22E-04
606672	4122200	1.66E-04	1.64E-04	1.63E-04	1.35E-05	4.33E-05	5.51E-04	Residence	7.47E-09	1.81E-07	1.99E-07	2.21E-08	0.41	0.00	1.66E-04	1.64E-04	1.63E-04	2.19E-05	3.99E-05	5.56E-04
606752	4122200	1.63E-04	1.61E-04	1.60E-04	1.12E-05	3.63E-05	5.31E-04	Residence	7.20E-09	1.74E-07	1.92E-07	2.13E-08	0.39	0.00	1.63E-04	1.61E-04	1.60E-04	1.82E-05	3.34E-05	5.35E-04
606772	4122200	1.61E-04	1.60E-04	1.59E-04	1.07E-05	3.48E-05	5.26E-04	Residence	7.13E-09	1.73E-07	1.90E-07	2.11E-08	0.39	0.00	1.61E-04	1.60E-04	1.59E-04	1.74E-05	3.20E-05	5.30E-04
606792	4122200	1.60E-04	1.58E-04	1.57E-04	1.03E-05	3.34E-05	5.19E-04	Residence	7.04E-09	1.70E-07	1.88E-07	2.09E-08	0.39	0.00	1.60E-04	1.58E-04	1.57E-04	1.67E-05	3.07E-05	5.23E-04
606812	4122200	1.58E-04	1.57E-04	1.56E-04	9.82E-06	3.20E-05	5.13E-04	Residence	6.95E-09	1.68E-07	1.86E-07	2.06E-08	0.38	0.00	1.58E-04	1.57E-04	1.56E-04	1.60E-05	2.95E-05	5.16E-04
606832	4122200	1.57E-04	1.55E-04	1.54E-04	9.42E-06	3.08E-05	5.06E-04	Residence	6.87E-09	1.66E-07	1.83E-07	2.03E-08	0.38	0.00	1.57E-04	1.55E-04	1.54E-04	1.53E-05	2.83E-05	5.10E-04
606852	4122200	1.55E-04	1.53E-04	1.52E-04	9.03E-06	2.96E-05	4.99E-04	Residence	6.77E-09	1.64E-07	1.81E-07	2.00E-08	0.37	0.00	1.55E-04	1.53E-04	1.52E-04	1.47E-05	2.72E-05	5.02E-04
606872	4122200	1.53E-04	1.51E-04	1.50E-04	8.66E-06	2.85E-05	4.91E-04	Residence	6.66E-09	1.61E-07	1.78E-07	1.97E-08	0.37	0.00	1.53E-04	1.51E-04	1.50E-04	1.41E-05	2.62E-05	4.94E-04
606892	4122200	1.51E-04	1.50E-04	1.49E-04	8.32E-06	2.74E-05	4.85E-04	Residence	6.58E-09	1.59E-07	1.76E-07	1.95E-08	0.36	0.00	1.51E-04	1.50E-04	1.49E-04	1.35E-05	2.52E-05	4.88E-04
605872	4122220	6.49E-04	6.49E-04	6.49E-04	8.32E-05	1.65E-04	2.20E-03	Residence	2.98E-08	7.21E-07	7.95E-07	8.83E-08	1.63	0.00	6.49E-04	6.49E-04	6.49E-04	1.35E-04	1.52E-04	2.23E-03
605892	4122220	6.67E-04	6.65E-04	6.63E-04	8.66E-05	1.71E-04	2.25E-03	Residence	3.06E-08	7.40E-07	8.16E-07	9.06E-08	1.68	0.00	6.67E-04	6.65E-04	6.63E-04	1.41E-04	1.58E-04	2.29E-03
605912	4122220	6.78E-04	6.75E-04	6.72E-04	8.95E-05	1.76E-04	2.29E-03	Residence	3.11E-08	7.53E-07	8.30E-07	9.21E-08	1.71	0.00	6.78E-04	6.75E-04	6.72E-04	1.45E-04	1.62E-04	2.33E-03
605932	4122220	6.87E-04	6.83E-04	6.78E-04	9.17E-05	1.80E-04	2.32E-03	Residence	3.15E-08	7.62E-07	8.40E-07	9.32E-08	1.73	0.00	6.87E-04	6.83E-04	6.78E-04	1.49E-04	1.66E-04	2.36E-03
605952	4122220	6.88E-04	6.82E-04	6.76E-04	9.30E-05	1.83E-04	2.32E-03	Residence	3.15E-08	7.62E-07	8.40E-07	9.33E-08	1.73	0.00	6.88E-04	6.82E-04	6.76E-04	1.51E-04	1.68E-04	2.36E-03
605972	4122220	6.86E-04	6.79E-04	6.72E-04	9.33E-05	1.84E-04	2.31E-03	Residence	3.14E-08	7.60E-07	8.38E-07	9.30E-08	1.72	0.00	6.86E-04	6.79E-04	6.72E-04	1.52E-04	1.69E-04	2.36E-03
605992	4122220	6.76E-04	6.69E-04	6.60E-04	9.27E-05	1.83E-04	2.28E-03	Residence	3.09E-08	7.49E-07	8.25E-07	9.16E-08	1.70	0.00	6.76E-04	6.69E-04	6.60E-04	1.51E-04	1.68E-04	2.32E-03
606012	4122220	6.60E-04	6.51E-04	6.41E-04	9.10E-05	1.81E-04	2.22E-03	Residence	3.02E-08	7.31E-07	8.05E-07	8.94E-08	1.66	0.00	6.60E-04	6.51E-04	6.41E-04	1.48E-04	1.66E-04	2.27E-03
606032	4122220	6.40E-04	6.31E-04	6.20E-04	8.85E-05	1.77E-04	2.16E-03	Residence	2.92E-08	7.08E-07	7.81E-07	8.67E-08	1.61	0.00	6.40E-04	6.31E-04	6.20E-04	1.44E-04	1.63E-04	2.20E-03
606052	4122220	6.17E-04	6.07E-04	5.96E-04	8.54E-05	1.73E-04	2.08E-03	Residence	2.82E-08	6.83E-07	7.52E-07	8.35E-08	1.55	0.00	6.17E-04	6.07E-04	5.96E-04	1.39E-04	1.59E-04	2.12E-03
606132	4122220	4.77E-04	4.71E-04	4.64E-04	7.14E-05	1.53E-04	1.64E-03	Worker	2.22E-08	5.38E-07	5.92E-07	6.58E-08	1.22	0.00	4.77E-04	4.71E-04	4.64E-04	1.16E-04	1.41E-04	1.67E-03
606152	4122220	4.45E-04	4.39E-04	4.33E-04	6.77E-05	1.48E-04	1.53E-03	Worker	2.08E-08	5.04E-07	5.55E-07	6.17E-08	1.14	0.00	4.45E-04	4.39E-04	4.33E-04	1.10E-04	1.37E-04	1.56E-03
606172	4122220	4.16E-04	4.11E-04	4.06E-04	6.36E-05	1.44E-04	1.44E-03	Worker	1.95E-08	4.73E-07	5.21E-07	5.79E-08	1.07	0.00	4.16E-04	4.11E-04	4.06E-04	1.03E-04	1.32E-04	1.47E-03
606292	4122220	2.84E-04	2.82E-04	2.80E-04	3.84E-05	1.09E-04	9.93E-04	Worker	1.35E-08	3.26E-07	3.60E-07	3.99E-08	0.74	0.00	2.84E-04	2.82E-04	2.80E-04	6.23E-05	1.00E-04	1.01E-03
606712	4122220	1.59E-04	1.57E-04	1.56E-04	1.18E-05	3.81E-05	5.21E-04	Residence	7.07E-09	1.71E-07	1.89E-07	2.10E-08	0.39	0.00	1.59E-04	1.57E-04	1.56E-04	1.92E-05	3.50E-05	5.26E-04
606732	4122220	1.58E-04	1.56E-04	1.55E-04	1.13E-05	3.65E-05	5.17E-04	Residence	7.02E-09	1.70E-07	1.87E-07	2.08E-08	0.38	0.00	1.58E-04	1.56E-04	1.55E-04	1.84E-05	3.36E-05	5.21E-04
606752	4122220	1.57E-04	1.55E-04	1.54E-04	1.09E-05	3.50E-05	5.12E-04	Residence	6.95E-09	1.68E-07	1.85E-07	2.06E-08	0.38	0.00	1.57E-04	1.55E-04	1.54E-04	1.76E-05	3.22E-05	5.16E-04
606772	4122220	1.56E-04	1.55E-04	1.54E-04	1.04E-05	3.36E-05	5.08E-04	Residence	6.89E-09	1.67E-07	1.84E-07	2.04E-08	0.38	0.00	1.56E-04	1.55E-04	1.54E-04	1.69E-05	3.09E-05	5.12E-04
606792	4122220	1.55E-04	1.54E-04	1.53E-04	9.97E-06	3.23E-05	5.04E-04	Residence	6.83E-09	1.65E-07	1.82E-07	2.02E-08	0.37	0.00	1.55E-04	1.54E-04	1.53E-04	1.62E-05	2.97E-05	5.07E-04
606812	4122220	1.54E-04	1.52E-04	1.51E-04	9.56E-06	3.11E-05	4.98E-04	Residence	6.75E-09	1.64E-07	1.80E-07	2.00E-08	0.37	0.00	1.54E-04	1.52E-04	1.51E-04	1.55E-05	2.86E-05	5.01E-04
605872	4122240	6.48E-04	6.46E-04	6.44E-04	7.79E-05	1.55E-04	2.17E-03	Residence	2.94E-08	7.13E-07	7.86E-07	8.72E-08	1.62	0.00	6.48E-04	6.46E-04	6.44E-04	1.27E-04	1.42E-04	2.21E-03
605892	4122240	6.62E-04	6.59E-04	6.56E-04	8.04E-05	1.59E-04	2.22E-03	Residence	3.01E-08	7.28E-07	8.02E-07	8.91E-08	1.65	0.00	6.62E-04	6.59E-04	6.56E-04	1.31E-04	1.46E-04	2.25E-03
605912	4122240	6.72E-04	6.67E-04	6.62E-04	8.22E-05	1.62E-04	2.25E-03	Residence	3.05E-08	7.38E-07	8.13E-07	9.03E-08	1.67	0.00	6.72E-04	6.67E-04	6.62E-04	1.34E-04	1.49E-04	2.28E-03
605932	4122240	6.77E-04	6.72E-04	6.67E-04	8.34E-05	1.65E-04	2.26E-03	Residence	3.07E-08	7.44E-07	8.19E-07	9.10E-08	1.68	0.00	6.77E-04	6.72E-04	6.67E-04	1.36E-04	1.51E-04	2.30E-03
605952	4122240	6.76E-04	6.70E-04	6.64E-04	8.38E-05	1.66E-04	2.26E-03	Residence	3.06E-08	7.42E-07	8.17E-07	9.08E-08	1.68	0.00	6.76E-04	6.70E-04	6.64E-04	1.36E-04	1.52E-04	2.30E-03
605972	4122240	6.69E-04	6.62E-04	6.55E-04	8.35E-05	1.65E-04	2.23E-03	Residence	3.03E-08	7.34E-07	8.09E-07	8.98E-08	1.66	0.00	6.69E-04	6.62E-04	6.55E-04	1.36E-04	1.52E-04	2.27E-03
605992	4122240	6.57E-04	6.49E-04	6.41E-04	8.23E-05	1.64E-04	2.19E-03	Residence	2.97E-08	7.20E-07	7.94E-07	8.81E-08	1.63	0.00	6.57E-04	6.49E-04	6.41E-04	1.34E-04	1.51E-04	2.23E-03
606012	4122240	6.39E-04	6.31E-04	6.22E-04	8.04E-05	1.61E-04	2.13E-03	Residence	2.89E-08	7.01E-07	7.72E-07	8.58E-08	1.59	0.00	6.39E-04	6.31E-04	6.22E-04	1.31E-04	1.48E-04	2.17E-03
606032	4122240	6.17E-04	6.08E-04	5.99E-04	7.79E-05	1.58E-04	2.06E-03	Residence	2.79E-08	6.77E-07	7.46E-07	8.28E-08	1.53	0.00	6.17E-04	6.08E-04	5.99E-04	1.27E-04	1.45E-04	2.10E-03
606052	4122240	5.90E-04	5.82E-04	5.73E-04	7.51E-05	1.54E-04	1.97E-03	Residence	2.68E-08	6.48E-07	7.14E-07	7.93E-08	1.47	0.00	5.90E-04	5.82E-04	5.73E-04	1.22E-04	1.41E-04	2.01E-03
606132	4122240	4.56E-04	4.51E-04	4.44E-04	6.34E-05	1.37E-04	1.55E-03	Worker	2.10E-08	5.10E-07	5.62E-07	6.24E-08	1.15	0.00	4.56E-04	4.51E-04	4.44E-04	1.03E-04	1.26E-04	1.58E-03
606152	4122240	4.27E-04	4.22E-04	4.17E-04	6.01E-05	1.33E-04	1.46E-03	Worker	1.98E-08	4.79E-07	5.28E-07	5.86E-08	1.09	0.00	4.27E-04	4.22E-04	4.17E-04	9.77E-05	1.22E-04	1.49E-03
606192	4122240	3.78E-04	3.74E-04	3.71E-04	5.29E-05	1.24E-04	1.30E-03	Worker	1.76E-08	4.27E-07	4.71E-07	5.23E-08	0.97	0.00	3.78E-04	3.74E-04	3.71E-04	8.60E-05	1.14E-04	1.32E-03
606292	4122240	2.77E-04	2.75E-04	2.73E-04	3.51E-05	9.95E-05	9.60E-04	Worker	1.30E-08	3.15E-07	3.47E-07	3.86E-08	0.71	0.00	2.77E-04	2.75E-04	2.73E-04	5.71E-05	9.16E-05	9.74E-04
606312	4122240	2.56E-04	2.55E-04	2.53E-04	3.24E-05	9.46E-05	8.92E-04	Worker	1.21E-08	2.93E-07	3.23E-07	3.59E-08	0.66	0.00	2.56E-04	2.55E-04	2.53E-04	5.26E-05	8.70E-05	9.05E-04
606332	4122240	2.36E-04	2.36E-04	2.35E-04	2.99E-05	8.98E-05	8.27E-04	Worker	1.12E-08	2.72E-07	2.99E-07	3.32E-08	0.62	0.00	2.36E-04	2.36E-04	2.35E-04	4.86E-05	8.26E-05	8.38E-04
606352	4122240	2.18E-04	2.18E-04	2.17E-04	2.77E-05	8.52E-05	7.66E-04	Worker	1.04E-08	2.52E-07	2.77E-07	3.08E-08	0.57	0.00	2.18E-04	2.18E-04	2.17E-04	4.50E-05	7.84E-05	7.77E-04
606392	4122240	1.88E-04	1.88E-04	1.88E-04	2.40E-05	7.65E-05	6.65E-04	Worker	9.02E-09	2.18E-07	2.41E-07	2.67E-08	0.49	0.00	1.88E-04	1.88E-04	1.88E-04	3.89E-05	7.04E-05	6.74E-04
606412	4122240	1.77E-04	1.78E-04	1.78E-04	2.24E-05	7.26E-05	6.28E-04	Worker	8.52E-09	2.06E-07	2.27E-07	2.52E-08	0.47	0.00	1.77E-04	1.78E-04	1.78E-04	3.65E-05	6.68E-05	6.36E-04
606452	4122240	1.64E-04	1.64E-04	1.64E-04	2.00E-05	6.55E-05	5.77E-04	Worker	7.82E-09	1.89E-07	2.09E-07	2.32E-08	0.43	0.00	1.64E-04	1.64E-04	1.64E-04	3.24E-05	6.03E-05	5.84E-04
606472	4122240	1.60E-04	1.60E-04	1.59E-04	1.90E-05	6.23E-05	5.60E-04	Worker	7.59E-09	1.84E-07	2.03E-07	2.25E-08	0.42	0.00	1.60E-04	1.60E-04	1.59E-04	3.08E-05	5.73E-05	5.67E-04
606712	4122240	1.54E-04	1.52E-04	1.51E-04	1.14E-05	3.66E-05	5.05E-04	Residence	6.84E-09	1.66E-07	1.83E-07	2.03E-08	0.38	0.00	1.54E-04	1.52E-04	1.51E-04	1.85E-05	3.37E-05	5.09E-04
606732	4122240	1.53E-04	1.52E-04	1.50E-04	1.09E-05	3.52E-05	5.01E-04	Residence	6.80E-09	1.65E-07	1.81E-07	2.01E-08	0.37	0.00	1.53E-04	1.52E-04	1.50E-04	1.78E-05	3.24E-05	5.05E-04
606752	4122240	1.52E-04	1.51E-04	1.50E-04	1.05E-05	3.38E-05	4.98E-04	Residence	6.75E-09	1.64E-07	1.80E-07	2.00E-08	0.37	0.00	1.52E-04	1.51E-04	1.50E-04	1.70E-05	3.11E-05	5.02E-04
605852	4122260	6.26E-04	6.24E-04	6.23E-04	7.06E-05	1.40E-04	2.08E-03	Residence	2.83E-08	6.84E-07	7.54E-07	8.37E-08	1.55	0.00	6.26E-04	6.24E-04	6.23E-04	1.15E-04	1.29E-04	2.12E-03
605872	4122260	6.36E-04	6.33E-04	6.31E-04	7.26E-05	1.44E-04	2.12E-03	Residence	2.87E-08	6.95E-07	7.66E-07	8.51E-08	1.58	0.00	6.36E-04	6.33E-04	6.31E-04	1.18E-04	1.33E-04	2.15E-03
605892	4122260	6.44E-04	6.40E-04	6.37E-04	7.42E-05	1.47E-04	2.14E-03	Residence	2.91E-08	7.04E-07	7.76E-07	8.61E-08	1.59	0.00	6.44E-04	6.40E-04	6.37E-04	1.21E-04	1.35E-04	2.18E-03
605912	4122260	6.50E-04	6.44E-04	6.40E-04	7.52E-05	1.49E-04	2.16E-03	Residence	2.93E-08	7.09E-07	7.82E-07	8.68E-08	1.61	0.00	6.50E-04	6.44E-04	6.40E-04	1.22E-04	1.37E-04	2.19E-03
605932	4122260	6.50E-04	6.44E-04	6.38E-04	7.57E-05	1.50E-04	2.16E-03	Residence	2.93E-08	7.09E-07	7.81E-07	8.67E-08	1.61	0.00	6.50E-04	6.44E-04	6.38E-04	1.23E-04	1.38E-04	2.19E-03
605952	4122260	6.47E-04	6.40E-04	6.34E-04	7.55E-05	1.50E-04	2.15E-03	Residence	2.91E-08	7.05E-07	7.77E-07	8.63E-08	1.60	0.00	6.47E-04	6.40E-04	6.34E-04	1.23E-04	1.38E-04	2.18E-03
605972	4122260	6.37E-04	6.29E-04	6.22E-04	7.47E-05	1.49E-04	2.11E-03	Residence	2.86E-08	6.94E-07	7.64E-07	8.49E-08	1.57	0.00	6.37E-04	6.29E-04	6.22E-04	1.21E-04	1.37E-04	2.15E-03
605992	4122260	6.22E-04	6.14E-04	6.07E-04	7.32E-05	1.47E-04	2.06E-03	Residence	2.80E-08	6.78E-07	7.47E-07	8.29E-08	1.54	0.00	6.22E-04	6.14E-04	6.07E-04	1.19E-04	1.35E-04	2.10E-03
606012	4122260	6.04E-04	5.96E-04	5.88E-04	7.12E-05	1.44E-04	2.00E-03	Residence	2.72E-08	6.58E-07	7.25E-07	8.05E-08	1.49	0.00	6.04E-04	5.96E-04	5.88E-04	1.16E-04	1.33E-04	2.04E-03
606032	4122260	5.81E-04	5.73E-04	5.65E-04	6.89E-05	1.41E-04	1.93E-03	Residence	2.61E-08	6.33E-07	6.98E-07	7.75E-08	1.43	0.00	5.81E-04	5.73E-04	5.65E-04	1.12E-04	1.29E-04	1.96E-03
606052	4122260	5.54E-04	5.46E-04	5.39E-04	6.65E-05	1.37E-04	1.84E-03	Residence	2.50E-08	6.05E-07	6.67E-07	7.41E-08	1.37	0.00	5.54E-04	5.46E-04	5.39E-04	1.08E-04	1.26E-04	1.87E-03
606132	4122260	4.41E-04	4.36E-04	4.31E-04	5.67E-05	1.23E-04	1.49E-03	Worker	2.02E-08	4.89E-07	5.39E-07	5.98E-08	1.11	0.00	4.41E-04	4.36E-04	4.31E-04	9.21E-05	1.13E-04	1.51E-03
606152	4122260	4.12E-04	4.08E-04	4.03E-04	5.39E-05	1.20E-04	1.40E-03	Worker	1.89E-08	4.59E-07	5.06E-07	5.61E-08	1.04	0.00	4.12E-04	4.08E-04	4.03E-04	8.75E-05	1.10E-04	1.42E-03
606172	4122260	3.88E-04	3.84E-04	3.80E-04	5.08E-05	1.16E-04	1.32E-03	Worker	1.79E-08	4.33E-07	4.77E-07	5.30E-08	0.98	0.00	3.88E-04	3.84E-04	3.80E-04	8.26E-05	1.07E-04	1.34E-03
606192	4122260	3.66E-04	3.63E-04	3.60E-04	4.76E-05	1.12E-04	1.25E-03	Worker	1.69E-08	4.10E-07	4.52E-07	5.02E-08	0.93	0.00	3.66E-04	3.63E-04	3.60E-04	7.74E-05	1.03E-04	1.27E-03
606212	4122260	3.47E-04	3.44E-04	3.41E-04	4.43E-05	1.08E-04	1.19E-03	Worker	1.61E-08	3.89E-07	4.29E-07	4.76E-08	0.88	0.00	3.47E-04	3.44E-04	3.41E-04	7.20E-05	9.98E-05	1.20E-03
606292	4122260	2.71E-04	2.70E-04	2.68E-04	3.23E-05	9.13E-05	9.33E-04	Worker	1.27E-08	3.06E-07	3.38E-07	3.75E-08	0.69	0.00	2.71E-04	2.70E-04	2.68E-04	5.25E-05	8.40E-05	9.46E-04
606312	4122260	2.52E-04	2.51E-04	2.50E-04	2.99E-05	8.70E-05	8.70E-04	Worker	1.18E-08	2.86E-07	3.15E-07	3.50E-08	0.65	0.00	2.52E-04	2.51E-04	2.50E-04	4.86E-05	8.00E-05	8.81E-04
606332	4122260	2.33E-04	2.33E-04	2.32E-04	2.78E-05	8.29E-05	8.09E-04	Worker	1.10E-08	2.66E-07	2.93E-07	3.25E-08	0.60	0.00	2.33E-04	2.33E-04	2.32E-04	4.51E-05	7.62E-05	8.20E-04
606352	4122260	2.16E-04	2.16E-04	2.15E-04	2.58E-05	7.89E-05	7.53E-04	Worker	1.02E-08	2.47E-07	2.72E-07	3.02E-08	0.56	0.00	2.16E-04	2.16E-04	2.15E-04	4.19E-05	7.25E-05	7.62E-04

606392	4122260	1.88E-04	1.88E-04	1.88E-04	2.24E-05	7.13E-05	6.57E-04	Worker	8.92E-09	2.16E-07	2.38E-07	2.64E-08	0.49	0.00	1.88E-04	1.88E-04	1.88E-04	3.64E-05	6.56E-05	6.66E-04
606412	4122260	1.77E-04	1.78E-04	1.78E-04	2.10E-05	6.78E-05	6.22E-04	Worker	8.43E-09	2.04E-07	2.25E-07	2.50E-08	0.46	0.00	1.77E-04	1.78E-04	1.78E-04	3.42E-05	6.24E-05	6.29E-04
606452	4122260	1.63E-04	1.63E-04	1.63E-04	1.87E-05	6.14E-05	5.70E-04	Worker	7.73E-09	1.87E-07	2.06E-07	2.29E-08	0.42	0.00	1.63E-04	1.63E-04	1.63E-04	3.04E-05	5.65E-05	5.77E-04
606472	4122260	1.59E-04	1.59E-04	1.59E-04	1.78E-05	5.85E-05	5.53E-04	Worker	7.50E-09	1.82E-07	2.00E-07	2.22E-08	0.41	0.00	1.59E-04	1.59E-04	1.59E-04	2.89E-05	5.38E-05	5.60E-04
606712	4122260	1.50E-04	1.48E-04	1.47E-04	1.10E-05	3.52E-05	4.92E-04	Residence	6.67E-09	1.62E-07	1.78E-07	1.98E-08	0.37	0.00	1.50E-04	1.48E-04	1.47E-04	1.78E-05	3.24E-05	4.96E-04
605852	4122280	6.16E-04	6.13E-04	6.11E-04	6.60E-05	1.32E-04	2.04E-03	Residence	2.76E-08	6.69E-07	7.38E-07	8.19E-08	1.52	0.00	6.16E-04	6.13E-04	6.11E-04	1.07E-04	1.21E-04	2.07E-03
605872	4122280	6.07E-04	6.02E-04	5.99E-04	6.72E-05	1.34E-04	2.01E-03	Residence	2.73E-08	6.60E-07	7.27E-07	8.08E-08	1.50	0.00	6.07E-04	6.02E-04	5.99E-04	1.09E-04	1.23E-04	2.04E-03
605892	4122280	6.07E-04	6.02E-04	5.97E-04	6.81E-05	1.35E-04	2.01E-03	Residence	2.73E-08	6.60E-07	7.28E-07	8.08E-08	1.50	0.00	6.07E-04	6.02E-04	5.97E-04	1.11E-04	1.25E-04	2.04E-03
605912	4122280	6.18E-04	6.11E-04	6.06E-04	6.87E-05	1.37E-04	2.04E-03	Residence	2.77E-08	6.70E-07	7.39E-07	8.20E-08	1.52	0.00	6.18E-04	6.11E-04	6.06E-04	1.12E-04	1.26E-04	2.07E-03
605932	4122280	6.27E-04	6.20E-04	6.14E-04	6.88E-05	1.37E-04	2.07E-03	Residence	2.80E-08	6.79E-07	7.48E-07	8.30E-08	1.54	0.00	6.27E-04	6.20E-04	6.14E-04	1.12E-04	1.26E-04	2.10E-03
605952	4122280	6.22E-04	6.14E-04	6.08E-04	6.82E-05	1.36E-04	2.05E-03	Residence	2.78E-08	6.73E-07	7.42E-07	8.23E-08	1.52	0.00	6.22E-04	6.14E-04	6.08E-04	1.11E-04	1.25E-04	2.08E-03
605972	4122280	6.10E-04	6.01E-04	5.94E-04	6.71E-05	1.35E-04	2.01E-03	Residence	2.72E-08	6.59E-07	7.26E-07	8.06E-08	1.49	0.00	6.10E-04	6.01E-04	5.94E-04	1.09E-04	1.24E-04	2.04E-03
605992	4122280	5.95E-04	5.87E-04	5.79E-04	6.55E-05	1.32E-04	1.96E-03	Residence	2.66E-08	6.43E-07	7.09E-07	7.87E-08	1.46	0.00	5.95E-04	5.87E-04	5.79E-04	1.06E-04	1.22E-04	1.99E-03
606012	4122280	5.76E-04	5.69E-04	5.61E-04	6.36E-05	1.30E-04	1.90E-03	Residence	2.58E-08	6.24E-07	6.87E-07	7.63E-08	1.41	0.00	5.76E-04	5.69E-04	5.61E-04	1.03E-04	1.19E-04	1.93E-03
606032	4122280	5.54E-04	5.46E-04	5.39E-04	6.15E-05	1.27E-04	1.83E-03	Residence	2.48E-08	6.00E-07	6.61E-07	7.34E-08	1.36	0.00	5.54E-04	5.46E-04	5.39E-04	1.00E-04	1.16E-04	1.86E-03
606052	4122280	5.26E-04	5.19E-04	5.12E-04	5.93E-05	1.23E-04	1.74E-03	Residence	2.36E-08	5.72E-07	6.30E-07	7.00E-08	1.30	0.00	5.26E-04	5.19E-04	5.12E-04	9.64E-05	1.14E-04	1.77E-03
606172	4122280	3.76E-04	3.73E-04	3.70E-04	4.59E-05	1.06E-04	1.27E-03	Worker	1.72E-08	4.17E-07	4.60E-07	5.11E-08	0.95	0.00	3.76E-04	3.73E-04	3.70E-04	7.46E-05	9.72E-05	1.29E-03
606192	4122280	3.56E-04	3.53E-04	3.50E-04	4.31E-05	1.02E-04	1.20E-03	Worker	1.63E-08	3.96E-07	4.36E-07	4.84E-08	0.90	0.00	3.56E-04	3.53E-04	3.50E-04	7.00E-05	9.41E-05	1.22E-03
606212	4122280	3.38E-04	3.35E-04	3.33E-04	4.02E-05	9.88E-05	1.14E-03	Worker	1.55E-08	3.76E-07	4.14E-07	4.60E-08	0.85	0.00	3.38E-04	3.35E-04	3.33E-04	6.54E-05	9.09E-05	1.16E-03
606232	4122280	3.20E-04	3.18E-04	3.15E-04	3.74E-05	9.52E-05	1.09E-03	Worker	1.47E-08	3.57E-07	3.93E-07	4.36E-08	0.81	0.00	3.20E-04	3.18E-04	3.15E-04	6.08E-05	8.76E-05	1.10E-03
606292	4122280	2.66E-04	2.65E-04	2.64E-04	2.99E-05	8.40E-05	9.09E-04	Worker	1.23E-08	2.99E-07	3.29E-07	3.65E-08	0.68	0.00	2.66E-04	2.65E-04	2.64E-04	4.85E-05	7.73E-05	9.21E-04
606312	4122280	2.48E-04	2.48E-04	2.46E-04	2.77E-05	8.03E-05	8.50E-04	Worker	1.15E-08	2.79E-07	3.08E-07	3.42E-08	0.63	0.00	2.48E-04	2.48E-04	2.46E-04	4.51E-05	7.39E-05	8.61E-04
606332	4122280	2.31E-04	2.31E-04	2.30E-04	2.58E-05	7.67E-05	7.94E-04	Worker	1.08E-08	2.61E-07	2.87E-07	3.19E-08	0.59	0.00	2.31E-04	2.31E-04	2.30E-04	4.20E-05	7.06E-05	8.04E-04
606352	4122280	2.15E-04	2.15E-04	2.14E-04	2.41E-05	7.32E-05	7.42E-04	Worker	1.01E-08	2.44E-07	2.68E-07	2.98E-08	0.55	0.00	2.15E-04	2.15E-04	2.14E-04	3.91E-05	6.74E-05	7.51E-04
606372	4122280	2.00E-04	2.01E-04	2.00E-04	2.25E-05	6.98E-05	6.94E-04	Worker	9.41E-09	2.28E-07	2.51E-07	2.79E-08	0.52	0.00	2.00E-04	2.01E-04	2.00E-04	3.66E-05	6.42E-05	7.02E-04
606392	4122280	1.88E-04	1.88E-04	1.88E-04	2.11E-05	6.66E-05	6.52E-04	Worker	8.84E-09	2.14E-07	2.36E-07	2.62E-08	0.49	0.00	1.88E-04	1.88E-04	1.88E-04	3.42E-05	6.12E-05	6.60E-04
606412	4122280	1.78E-04	1.78E-04	1.78E-04	1.98E-05	6.35E-05	6.18E-04	Worker	8.38E-09	2.03E-07	2.24E-07	2.48E-08	0.46	0.00	1.78E-04	1.78E-04	1.78E-04	3.21E-05	5.84E-05	6.25E-04
606432	4122280	1.70E-04	1.70E-04	1.70E-04	1.86E-05	6.05E-05	5.90E-04	Worker	8.00E-09	1.94E-07	2.13E-07	2.37E-08	0.44	0.00	1.70E-04	1.70E-04	1.70E-04	3.03E-05	5.57E-05	5.96E-04
606452	4122280	1.63E-04	1.64E-04	1.64E-04	1.76E-05	5.78E-05	5.66E-04	Worker	7.68E-09	1.86E-07	2.05E-07	2.28E-08	0.42	0.00	1.63E-04	1.64E-04	1.64E-04	2.86E-05	5.31E-05	5.73E-04
606472	4122280	1.59E-04	1.59E-04	1.59E-04	1.67E-05	5.52E-05	5.49E-04	Worker	7.44E-09	1.80E-07	1.99E-07	2.20E-08	0.41	0.00	1.59E-04	1.59E-04	1.59E-04	2.72E-05	5.07E-05	5.55E-04
606492	4122280	1.56E-04	1.55E-04	1.55E-04	1.60E-05	5.27E-05	5.35E-04	Worker	7.26E-09	1.76E-07	1.94E-07	2.15E-08	0.40	0.00	1.56E-04	1.55E-04	1.55E-04	2.60E-05	4.85E-05	5.41E-04
606512	4122280	1.53E-04	1.53E-04	1.53E-04	1.53E-05	5.05E-05	5.25E-04	Worker	7.11E-09	1.72E-07	1.90E-07	2.11E-08	0.39	0.00	1.53E-04	1.53E-04	1.53E-04	2.49E-05	4.64E-05	5.30E-04
606532	4122280	1.52E-04	1.51E-04	1.51E-04	1.47E-05	4.84E-05	5.18E-04	Worker	7.02E-09	1.70E-07	1.87E-07	2.08E-08	0.39	0.00	1.52E-04	1.51E-04	1.51E-04	2.39E-05	4.45E-05	5.23E-04
606552	4122280	1.52E-04	1.51E-04	1.51E-04	1.41E-05	4.64E-05	5.14E-04	Worker	6.98E-09	1.69E-07	1.86E-07	2.07E-08	0.38	0.00	1.52E-04	1.51E-04	1.51E-04	2.30E-05	4.27E-05	5.19E-04
606572	4122280	1.51E-04	1.50E-04	1.50E-04	1.36E-05	4.45E-05	5.09E-04	Worker	6.90E-09	1.67E-07	1.84E-07	2.05E-08	0.38	0.00	1.51E-04	1.50E-04	1.50E-04	2.21E-05	4.10E-05	5.14E-04
606892	4122280	1.37E-04	1.36E-04	1.35E-04	7.57E-06	2.46E-05	4.41E-04	Residence	5.99E-09	1.45E-07	1.60E-07	1.77E-08	0.33	0.00	1.37E-04	1.36E-04	1.35E-04	1.23E-05	2.26E-05	4.44E-04
606912	4122280	1.35E-04	1.34E-04	1.33E-04	7.31E-06	2.38E-05	4.34E-04	Residence	5.89E-09	1.43E-07	1.57E-07	1.74E-08	0.32	0.00	1.35E-04	1.34E-04	1.33E-04	1.19E-05	2.19E-05	4.37E-04
605632	4122300	4.30E-04	4.32E-04	4.34E-04	3.93E-05	8.11E-05	1.42E-03	Residence	1.92E-08	4.65E-07	5.13E-07	5.69E-08	1.05	0.00	4.30E-04	4.32E-04	4.34E-04	6.38E-05	7.46E-05	1.43E-03
605652	4122300	4.47E-04	4.49E-04	4.51E-04	4.16E-05	8.53E-05	1.47E-03	Residence	2.00E-08	4.84E-07	5.34E-07	5.92E-08	1.10	0.00	4.47E-04	4.49E-04	4.51E-04	6.75E-05	7.85E-05	1.49E-03
605672	4122300	4.70E-04	4.71E-04	4.73E-04	4.39E-05	8.97E-05	1.55E-03	Residence	2.10E-08	5.08E-07	5.60E-07	6.22E-08	1.15	0.00	4.70E-04	4.71E-04	4.73E-04	7.14E-05	8.26E-05	1.57E-03
605692	4122300	4.88E-04	4.89E-04	4.91E-04	4.62E-05	9.41E-05	1.61E-03	Residence	2.18E-08	5.29E-07	5.82E-07	6.47E-08	1.20	0.00	4.88E-04	4.89E-04	4.91E-04	7.51E-05	8.66E-05	1.63E-03
605852	4122300	6.08E-04	6.04E-04	6.00E-04	6.15E-05	1.23E-04	2.00E-03	Residence	2.71E-08	6.56E-07	7.23E-07	8.03E-08	1.49	0.00	6.08E-04	6.04E-04	6.00E-04	1.00E-04	1.13E-04	2.03E-03
605872	4122300	5.91E-04	5.86E-04	5.82E-04	6.22E-05	1.24E-04	1.94E-03	Residence	2.64E-08	6.39E-07	7.04E-07	7.82E-08	1.45	0.00	5.91E-04	5.86E-04	5.82E-04	1.01E-04	1.14E-04	1.97E-03
605892	4122300	5.79E-04	5.73E-04	5.68E-04	6.25E-05	1.25E-04	1.91E-03	Residence	2.59E-08	6.27E-07	6.91E-07	7.67E-08	1.42	0.00	5.79E-04	5.73E-04	5.68E-04	1.02E-04	1.15E-04	1.94E-03
605912	4122300	5.87E-04	5.80E-04	5.74E-04	6.27E-05	1.25E-04	1.93E-03	Residence	2.62E-08	6.34E-07	6.98E-07	7.75E-08	1.44	0.00	5.87E-04	5.80E-04	5.74E-04	1.02E-04	1.15E-04	1.96E-03
605932	4122300	6.01E-04	5.94E-04	5.87E-04	6.25E-05	1.25E-04	1.97E-03	Residence	2.67E-08	6.47E-07	7.13E-07	7.91E-08	1.47	0.00	6.01E-04	5.94E-04	5.87E-04	1.02E-04	1.15E-04	2.00E-03
605952	4122300	5.95E-04	5.87E-04	5.81E-04	6.17E-05	1.24E-04	1.95E-03	Residence	2.64E-08	6.40E-07	7.05E-07	7.83E-08	1.45	0.00	5.95E-04	5.87E-04	5.81E-04	1.00E-04	1.14E-04	1.98E-03
605972	4122300	5.83E-04	5.75E-04	5.67E-04	6.04E-05	1.22E-04	1.91E-03	Residence	2.59E-08	6.26E-07	6.90E-07	7.67E-08	1.42	0.00	5.83E-04	5.75E-04	5.67E-04	9.82E-05	1.12E-04	1.94E-03
605992	4122300	5.68E-04	5.60E-04	5.52E-04	5.88E-05	1.20E-04	1.86E-03	Residence	2.52E-08	6.10E-07	6.73E-07	7.47E-08	1.38	0.00	5.68E-04	5.60E-04	5.52E-04	9.56E-05	1.10E-04	1.89E-03
606012	4122300	5.50E-04	5.43E-04	5.35E-04	5.71E-05	1.17E-04	1.80E-03	Residence	2.44E-08	5.92E-07	6.52E-07	7.24E-08	1.34	0.00	5.50E-04	5.43E-04	5.35E-04	9.28E-05	1.08E-04	1.83E-03
606032	4122300	5.29E-04	5.22E-04	5.15E-04	5.52E-05	1.15E-04	1.74E-03	Residence	2.35E-08	5.70E-07	6.28E-07	6.98E-08	1.29	0.00	5.29E-04	5.22E-04	5.15E-04	8.98E-05	1.05E-04	1.76E-03
606052	4122300	5.04E-04	4.97E-04	4.90E-04	5.34E-05	1.12E-04	1.66E-03	Residence	2.25E-08	5.44E-07	6.00E-07	6.66E-08	1.23	0.00	5.04E-04	4.97E-04	4.90E-04	8.67E-05	1.03E-04	1.68E-03
606292	4122300	2.62E-04	2.61E-04	2.59E-04	2.77E-05	7.76E-05	8.88E-04	Worker	1.20E-08	2.92E-07	3.21E-07	3.57E-08	0.66	0.00	2.62E-04	2.61E-04	2.59E-04	4.49E-05	7.14E-05	8.99E-04
606312	4122300	2.45E-04	2.44E-04	2.43E-04	2.58E-05	7.44E-05	8.32E-04	Worker	1.13E-08	2.73E-07	3.01E-07	3.35E-08	0.62	0.00	2.45E-04	2.44E-04	2.43E-04	4.19E-05	6.85E-05	8.42E-04
606332	4122300	2.29E-04	2.28E-04	2.27E-04	2.41E-05	7.12E-05	7.80E-04	Worker	1.06E-08	2.56E-07	2.82E-07	3.13E-08	0.58	0.00	2.29E-04	2.28E-04	2.27E-04	3.91E-05	6.56E-05	7.89E-04
606352	4122300	2.14E-04	2.14E-04	2.13E-04	2.25E-05	6.82E-05	7.32E-04	Worker	9.92E-09	2.40E-07	2.65E-07	2.94E-08	0.54	0.00	2.14E-04	2.14E-04	2.13E-04	3.66E-05	6.27E-05	7.40E-04
606392	4122300	1.88E-04	1.88E-04	1.88E-04	1.98E-05	6.23E-05	6.47E-04	Worker	8.77E-09	2.12E-07	2.34E-07	2.60E-08	0.48	0.00	1.88E-04	1.88E-04	1.88E-04	3.22E-05	5.73E-05	6.54E-04
606412	4122300	1.78E-04	1.79E-04	1.79E-04	1.86E-05	5.96E-05	6.14E-04	Worker	8.32E-09	2.02E-07	2.22E-07	2.47E-08	0.46	0.00	1.78E-04	1.79E-04	1.79E-04	3.03E-05	5.48E-05	6.21E-04
606432	4122300	1.70E-04	1.70E-04	1.70E-04	1.76E-05	5.69E-05	5.85E-04	Worker	7.94E-09	1.92E-07	2.12E-07	2.35E-08	0.44	0.00	1.70E-04	1.70E-04	1.70E-04	2.86E-05	5.24E-05	5.92E-04
606452	4122300	1.64E-04	1.64E-04	1.64E-04	1.66E-05	5.44E-05	5.62E-04	Worker	7.62E-09	1.85E-07	2.03E-07	2.26E-08	0.42	0.00	1.64E-04	1.64E-04	1.64E-04	2.70E-05	5.01E-05	5.68E-04
606472	4122300	1.59E-04	1.59E-04	1.58E-04	1.58E-05	5.21E-05	5.44E-04	Worker	7.37E-09	1.79E-07	1.97E-07	2.19E-08	0.40	0.00	1.59E-04	1.59E-04	1.58E-04	2.57E-05	4.79E-05	5.49E-04
606492	4122300	1.55E-04	1.54E-04	1.54E-04	1.51E-05	4.99E-05	5.28E-04	Worker	7.16E-09	1.73E-07	1.91E-07	2.12E-08	0.39	0.00	1.55E-04	1.54E-04	1.54E-04	2.45E-05	4.59E-05	5.34E-04
606512	4122300	1.52E-04	1.51E-04	1.51E-04	1.44E-05	4.78E-05	5.16E-04	Worker	7.00E-09	1.69E-07	1.87E-07	2.07E-08	0.38	0.00	1.52E-04	1.51E-04	1.51E-04	2.35E-05	4.40E-05	5.21E-04
606832	4122300	1.38E-04	1.37E-04	1.36E-04	8.19E-06	2.64E-05	4.46E-04	Residence	6.05E-09	1.46E-07	1.61E-07	1.79E-08	0.33	0.00	1.38E-04	1.37E-04	1.36E-04	1.33E-05	2.43E-05	4.49E-04
606852	4122300	1.36E-04	1.35E-04	1.34E-04	7.91E-06	2.56E-05	4.38E-04	Residence	5.94E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.36E-04	1.35E-04	1.34E-04	1.28E-05	2.35E-05	4.41E-04
606872	4122300	1.35E-04	1.34E-04	1.33E-04	7.64E-06	2.47E-05	4.34E-04	Residence	5.89E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.35E-04	1.34E-04	1.33E-04	1.24E-05	2.28E-05	4.37E-04
606892	4122300	1.33E-04	1.32E-04	1.32E-04	7.38E-06	2.39E-05	4.29E-04	Residence	5.81E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.33E-04	1.32E-04	1.32E-04	1.20E-05	2.20E-05	4.31E-04
606912	4122300	1.32E-04	1.31E-04	1.30E-04	7.13E-06	2.32E-05	4.23E-04	Residence	5.74E-09	1.39E-07	1.53E-07	1.70E-08	0.32	0.00	1.32E-04	1.31E-04	1.30E-04	1.16E-05	2.13E-05	4.26E-04
605632	4122320	4.40E-04	4.41E-04	4.43E-04	3.91E-05	8.02E-05	1.44E-03	Residence	1.96E-08	4.74E-07	5.23E-07	5.80E-08	1.07	0.00	4.40E-04	4.41E-04	4.43E-04	6.36E-05	7.38E-05	1.46E-03
605652	4122320	4.59E-04	4.60E-04	4.61E-04	4.12E-05	8.40E-05	1.50E-03	Residence	2.04E-08	4.94E-07	5.45E-07	6.05E-08	1.12	0.00	4.59E-04	4.60E-04	4.61E-04	6.69E-05	7.73E-05	1.52E-03
605672	4122320	4.80E-04	4.81E-04	4.82E-04	4.32E-05	8.80E-05	1.57E-03	Residence	2.13E-08	5.17E-07	5.70E-07	6.32E-08	1.17	0.00	4.80E-04	4.81E-04	4.82E-04	7.02E-05	8.09E-05	1.59E-03
605692	4122320	4.96E-04	4.96E-04	4.97E-04	4.52E-05	9.18E-05	1.63E-03	Residence	2.21E-08	5.34E-07	5.89E-07	6.54E-08	1.21	0.00	4.96E-04	4.96E-04	4.97E-04	7.35E-05	8.44E-05	1.65E-03
605772	4122320	5.57E-04	5.55E-04	5.54E-04	5.26E-05	1.06E-04	1.82E-03	Residence	2.47E-08	5.99E-07	6.60E-07	7.33E-08	1.36	0.00	5.57E-04	5.55E-04	5.54E-04	8.54E-05	9.72E-05	1.85E-03
605792	4122320	5.69E-04	5.66E-04	5.64E-04	5.41E-05	1.08E-04	1.86E-03	Residence	2.52E-08	6.12E-07	6.74E-07	7.48E-08	1.39	0.00	5.69E-04	5.66E-04	5.64E-04	8.79E-05	9.98E-05	1.89E-03
605852	4122320	5.87E-04	5.82E-04	5.78E-04	5.72E-05	1.14E-04	1.92E-03	Residence	2.60E-08	6.30E-07	6.95E-07	7.71E-08	1.43	0.00	5.87E-04	5.82E-04	5.78E-04	9.29E-05	1.05E-04	1.95E-03
605872	4122320	5.67E-04	5.62E-04	5.57E-04	5.75E-05	1.15E-04	1.86E-03	Residence	2.52E-08	6.10E-07	6.73E-07	7.47E-08	1.38	0.00	5.67E-04	5.62E-04	5.57E-04	9.34E-05	1.06E-04	1.88E-03
605892	4122320	5.63E-04	5.57E-04	5.52E-04	5.75E-05	1.15E-04	1.84E-03	Residence	2.50E-08	6.06E-07	6.68E-07	7.42E-08	1.37	0.00	5.63E-04	5.57E-04	5.52E-04	9.35E-05	1.06E-04	1.87E-03
605912	4122320	5.61E-04	5.55E-04	5.49E-04	5.73E-05	1.15E-04	1.84E-03	Residence	2.49E-08	6.03E-07	6.65E-07	7.38E-08	1.37	0.00	5.61E-04	5.55E-04	5.49E-04	9.31E-05	1.06E-04	1.86E-03
605932	4122320	5.76E-04	5.68E-04	5.62E-04	5.69E-05	1.14E-04	1.88E-03	Residence	2.55E-08	6.17E-07	6.80E-07	7.55E-08	1.40	0.00	5.76E-04	5.68E-04	5.62E-04	9.24E-05	1.05E-04	1.90E-03
605952	4122320	5.76E-04	5.68E-04	5.61E-04	5.59E-05	1.13E-04	1.87E-03	Residence	2.54E-08	6.15E-07	6.78E-07	7.53E-08	1.39	0.00	5.76E-04	5.68E-04	5.61E-04	9.09E-05	1.04E-04	1.90E-03
605972	4122320	5.57E-04	5.49E-04	5.42E-04	5.46E-05	1.11E-04	1.81E-03	Residence	2.46E-08	5.96E-07	6.57E-07	7.29E-08	1.35	0.00	5.57E-04	5.49E-04	5.42E-04	8.87E-05	1.02E-04	1.84E-03
605992	4122320	5.41E-04	5.33E-04	5.26E-04	5.31E-05	1.09E-04	1.76E-03	Residence	2.39E-08	5.79E-07	6.38E-07	7.09E-08	1.31	0.00	5.41E-04	5.33E-04	5.26E-04	8.63E-05	1.00E-04	1.79E-03
606012	4122320	5.23E-04	5.16E-04	5.09E-04	5.15E-05	1.07E-04	1.71E-03	Residence	2.31E-08	5.60E-07	6.18E-07	6.86E-08	1.27	0.00	5.23E-04	5.16E-04	5.09E-04	8.37E-05	9.80E-05	1.73E-03

606032	4122320	5.04E-04	4.97E-04	4.90E-04	4.99E-05	1.04E-04	1.64E-03	Residence	2.23E-08	5.40E-07	5.95E-07	6.61E-08	1.22	0.00	5.04E-04	4.97E-04	4.90E-04	8.11E-05	9.58E-05	1.67E-03
606392	4122320	1.88E-04	1.88E-04	1.88E-04	1.87E-05	5.85E-05	6.41E-04	Worker	8.70E-09	2.11E-07	2.32E-07	2.58E-08	0.48	0.00	1.88E-04	1.88E-04	1.88E-04	3.04E-05	5.38E-05	6.48E-04
606412	4122320	1.78E-04	1.79E-04	1.78E-04	1.76E-05	5.60E-05	6.09E-04	Worker	8.26E-09	2.00E-07	2.21E-07	2.45E-08	0.45	0.00	1.78E-04	1.79E-04	1.78E-04	2.86E-05	5.15E-05	6.16E-04
606432	4122320	1.71E-04	1.71E-04	1.71E-04	1.66E-05	5.37E-05	5.82E-04	Worker	7.89E-09	1.91E-07	2.11E-07	2.34E-08	0.43	0.00	1.71E-04	1.71E-04	1.71E-04	2.70E-05	4.94E-05	5.88E-04
606452	4122320	1.63E-04	1.63E-04	1.63E-04	1.58E-05	5.14E-05	5.55E-04	Worker	7.53E-09	1.82E-07	2.01E-07	2.23E-08	0.41	0.00	1.63E-04	1.63E-04	1.63E-04	2.56E-05	4.73E-05	5.61E-04
606472	4122320	1.58E-04	1.58E-04	1.57E-04	1.50E-05	4.93E-05	5.37E-04	Worker	7.29E-09	1.77E-07	1.95E-07	2.16E-08	0.40	0.00	1.58E-04	1.58E-04	1.57E-04	2.43E-05	4.53E-05	5.43E-04
606752	4122320	1.37E-04	1.36E-04	1.35E-04	9.08E-06	2.93E-05	4.47E-04	Residence	6.06E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.37E-04	1.36E-04	1.35E-04	1.48E-05	2.69E-05	4.50E-04
606772	4122320	1.36E-04	1.35E-04	1.34E-04	8.78E-06	2.83E-05	4.41E-04	Residence	5.98E-09	1.45E-07	1.60E-07	1.77E-08	0.33	0.00	1.36E-04	1.35E-04	1.34E-04	1.43E-05	2.60E-05	4.44E-04
606792	4122320	1.35E-04	1.34E-04	1.33E-04	8.49E-06	2.74E-05	4.37E-04	Residence	5.93E-09	1.44E-07	1.58E-07	1.76E-08	0.33	0.00	1.35E-04	1.34E-04	1.33E-04	1.38E-05	2.52E-05	4.41E-04
606812	4122320	1.34E-04	1.33E-04	1.32E-04	8.21E-06	2.65E-05	4.35E-04	Residence	5.90E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.34E-04	1.33E-04	1.32E-04	1.33E-05	2.44E-05	4.38E-04
606832	4122320	1.34E-04	1.33E-04	1.32E-04	7.94E-06	2.56E-05	4.31E-04	Residence	5.85E-09	1.42E-07	1.56E-07	1.73E-08	0.32	0.00	1.34E-04	1.33E-04	1.32E-04	1.29E-05	2.36E-05	4.34E-04
606852	4122320	1.32E-04	1.31E-04	1.30E-04	7.68E-06	2.48E-05	4.26E-04	Residence	5.77E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.32E-04	1.31E-04	1.30E-04	1.25E-05	2.28E-05	4.28E-04
606872	4122320	1.31E-04	1.30E-04	1.30E-04	7.43E-06	2.40E-05	4.23E-04	Residence	5.74E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.31E-04	1.30E-04	1.30E-04	1.21E-05	2.21E-05	4.26E-04
606892	4122320	1.30E-04	1.29E-04	1.28E-04	7.19E-06	2.33E-05	4.18E-04	Residence	5.67E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.30E-04	1.29E-04	1.28E-04	1.17E-05	2.14E-05	4.21E-04
606912	4122320	1.29E-04	1.28E-04	1.27E-04	6.96E-06	2.25E-05	4.14E-04	Residence	5.61E-09	1.36E-07	1.50E-07	1.66E-08	0.31	0.00	1.29E-04	1.28E-04	1.27E-04	1.13E-05	2.07E-05	4.16E-04
605632	4122340	4.49E-04	4.50E-04	4.51E-04	3.87E-05	7.89E-05	1.47E-03	Residence	1.99E-08	4.82E-07	5.32E-07	5.90E-08	1.09	0.00	4.49E-04	4.50E-04	4.51E-04	6.28E-05	7.26E-05	1.49E-03
605652	4122340	4.64E-04	4.64E-04	4.65E-04	4.04E-05	8.23E-05	1.52E-03	Residence	2.06E-08	4.98E-07	5.49E-07	6.09E-08	1.13	0.00	4.64E-04	4.64E-04	4.65E-04	6.57E-05	7.57E-05	1.53E-03
605672	4122340	4.81E-04	4.81E-04	4.82E-04	4.22E-05	8.57E-05	1.57E-03	Residence	2.13E-08	5.17E-07	5.69E-07	6.32E-08	1.17	0.00	4.81E-04	4.81E-04	4.82E-04	6.86E-05	7.88E-05	1.59E-03
605692	4122340	4.97E-04	4.96E-04	4.96E-04	4.39E-05	8.89E-05	1.62E-03	Residence	2.20E-08	5.33E-07	5.87E-07	6.52E-08	1.21	0.00	4.97E-04	4.96E-04	4.96E-04	7.14E-05	8.18E-05	1.64E-03
605712	4122340	5.13E-04	5.11E-04	5.11E-04	4.56E-05	9.21E-05	1.67E-03	Residence	2.27E-08	5.49E-07	6.05E-07	6.72E-08	1.24	0.00	5.13E-04	5.11E-04	5.11E-04	7.41E-05	8.47E-05	1.69E-03
605732	4122340	5.24E-04	5.22E-04	5.22E-04	4.71E-05	9.51E-05	1.71E-03	Residence	2.32E-08	5.62E-07	6.19E-07	6.87E-08	1.27	0.00	5.24E-04	5.22E-04	5.22E-04	7.66E-05	8.75E-05	1.73E-03
605752	4122340	5.25E-04	5.23E-04	5.22E-04	4.85E-05	9.77E-05	1.72E-03	Residence	2.33E-08	5.64E-07	6.21E-07	6.90E-08	1.28	0.00	5.25E-04	5.23E-04	5.22E-04	7.88E-05	8.99E-05	1.74E-03
605772	4122340	5.36E-04	5.33E-04	5.32E-04	4.98E-05	1.00E-04	1.75E-03	Residence	2.37E-08	5.75E-07	6.34E-07	7.04E-08	1.30	0.00	5.36E-04	5.33E-04	5.32E-04	8.10E-05	9.22E-05	1.77E-03
605792	4122340	5.43E-04	5.39E-04	5.37E-04	5.09E-05	1.02E-04	1.77E-03	Residence	2.40E-08	5.82E-07	6.42E-07	7.12E-08	1.32	0.00	5.43E-04	5.39E-04	5.37E-04	8.28E-05	9.41E-05	1.80E-03
605812	4122340	5.53E-04	5.49E-04	5.46E-04	5.19E-05	1.04E-04	1.80E-03	Residence	2.45E-08	5.93E-07	6.53E-07	7.25E-08	1.34	0.00	5.53E-04	5.49E-04	5.46E-04	8.43E-05	9.58E-05	1.83E-03
605832	4122340	5.60E-04	5.56E-04	5.52E-04	5.26E-05	1.05E-04	1.83E-03	Residence	2.48E-08	6.00E-07	6.61E-07	7.34E-08	1.36	0.00	5.60E-04	5.56E-04	5.52E-04	8.55E-05	9.71E-05	1.85E-03
605852	4122340	5.58E-04	5.52E-04	5.48E-04	5.30E-05	1.06E-04	1.82E-03	Residence	2.47E-08	5.97E-07	6.58E-07	7.31E-08	1.35	0.00	5.58E-04	5.52E-04	5.48E-04	8.62E-05	9.78E-05	1.84E-03
605872	4122340	5.47E-04	5.41E-04	5.36E-04	5.31E-05	1.06E-04	1.78E-03	Residence	2.42E-08	5.86E-07	6.45E-07	7.17E-08	1.33	0.00	5.47E-04	5.41E-04	5.36E-04	8.62E-05	9.79E-05	1.81E-03
605892	4122340	5.44E-04	5.38E-04	5.32E-04	5.29E-05	1.06E-04	1.77E-03	Residence	2.40E-08	5.82E-07	6.42E-07	7.13E-08	1.32	0.00	5.44E-04	5.38E-04	5.32E-04	8.60E-05	9.78E-05	1.80E-03
605912	4122340	5.38E-04	5.31E-04	5.25E-04	5.24E-05	1.06E-04	1.75E-03	Residence	2.38E-08	5.75E-07	6.34E-07	7.04E-08	1.30	0.00	5.38E-04	5.31E-04	5.25E-04	8.52E-05	9.71E-05	1.78E-03
605932	4122340	5.45E-04	5.38E-04	5.32E-04	5.18E-05	1.05E-04	1.77E-03	Residence	2.40E-08	5.82E-07	6.42E-07	7.12E-08	1.32	0.00	5.45E-04	5.38E-04	5.32E-04	8.42E-05	9.64E-05	1.80E-03
605952	4122340	5.43E-04	5.36E-04	5.29E-04	5.08E-05	1.03E-04	1.76E-03	Residence	2.39E-08	5.79E-07	6.38E-07	7.09E-08	1.31	0.00	5.43E-04	5.36E-04	5.29E-04	8.26E-05	9.50E-05	1.79E-03
605972	4122340	5.30E-04	5.23E-04	5.16E-04	4.96E-05	1.01E-04	1.72E-03	Residence	2.33E-08	5.65E-07	6.23E-07	6.92E-08	1.28	0.00	5.30E-04	5.23E-04	5.16E-04	8.05E-05	9.34E-05	1.74E-03
606692	4122340	1.35E-04	1.34E-04	1.34E-04	9.60E-06	3.12E-05	4.44E-04	Residence	6.02E-09	1.46E-07	1.61E-07	1.78E-08	0.33	0.00	1.35E-04	1.34E-04	1.34E-04	1.56E-05	2.87E-05	4.48E-04
606712	4122340	1.34E-04	1.33E-04	1.32E-04	9.30E-06	3.01E-05	4.38E-04	Residence	5.94E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.34E-04	1.33E-04	1.32E-04	1.51E-05	2.77E-05	4.41E-04
606732	4122340	1.33E-04	1.32E-04	1.31E-04	9.01E-06	2.91E-05	4.34E-04	Residence	5.88E-09	1.42E-07	1.57E-07	1.74E-08	0.32	0.00	1.33E-04	1.32E-04	1.31E-04	1.46E-05	2.68E-05	4.37E-04
606752	4122340	1.33E-04	1.32E-04	1.31E-04	8.74E-06	2.82E-05	4.33E-04	Residence	5.87E-09	1.42E-07	1.57E-07	1.74E-08	0.32	0.00	1.33E-04	1.32E-04	1.31E-04	1.42E-05	2.60E-05	4.36E-04
606772	4122340	1.32E-04	1.31E-04	1.30E-04	8.47E-06	2.73E-05	4.30E-04	Residence	5.83E-09	1.41E-07	1.55E-07	1.73E-08	0.32	0.00	1.32E-04	1.31E-04	1.30E-04	1.38E-05	2.51E-05	4.33E-04
606792	4122340	1.32E-04	1.31E-04	1.30E-04	8.20E-06	2.64E-05	4.28E-04	Residence	5.80E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.32E-04	1.31E-04	1.30E-04	1.33E-05	2.43E-05	4.31E-04
606812	4122340	1.31E-04	1.30E-04	1.29E-04	7.94E-06	2.56E-05	4.24E-04	Residence	5.76E-09	1.39E-07	1.54E-07	1.71E-08	0.32	0.00	1.31E-04	1.30E-04	1.29E-04	1.29E-05	2.36E-05	4.27E-04
606832	4122340	1.31E-04	1.30E-04	1.29E-04	7.70E-06	2.48E-05	4.22E-04	Residence	5.72E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.31E-04	1.30E-04	1.29E-04	1.25E-05	2.28E-05	4.25E-04
606852	4122340	1.29E-04	1.28E-04	1.28E-04	7.45E-06	2.41E-05	4.17E-04	Residence	5.65E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.29E-04	1.28E-04	1.28E-04	1.21E-05	2.21E-05	4.20E-04
606872	4122340	1.28E-04	1.27E-04	1.26E-04	7.22E-06	2.33E-05	4.12E-04	Residence	5.58E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.28E-04	1.27E-04	1.26E-04	1.17E-05	2.15E-05	4.14E-04
606892	4122340	1.27E-04	1.26E-04	1.26E-04	7.00E-06	2.26E-05	4.09E-04	Residence	5.54E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.27E-04	1.26E-04	1.26E-04	1.14E-05	2.08E-05	4.11E-04
606912	4122340	1.26E-04	1.25E-04	1.24E-04	6.78E-06	2.19E-05	4.04E-04	Residence	5.48E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	1.26E-04	1.25E-04	1.24E-04	1.10E-05	2.02E-05	4.06E-04
605632	4122360	4.52E-04	4.53E-04	4.53E-04	3.80E-05	7.72E-05	1.47E-03	Residence	2.00E-08	4.84E-07	5.33E-07	5.92E-08	1.10	0.00	4.52E-04	4.53E-04	4.53E-04	6.17E-05	7.11E-05	1.49E-03
605652	4122360	4.66E-04	4.66E-04	4.66E-04	3.95E-05	8.02E-05	1.52E-03	Residence	2.06E-08	4.99E-07	5.49E-07	6.10E-08	1.13	0.00	4.66E-04	4.66E-04	4.66E-04	6.42E-05	7.38E-05	1.54E-03
605672	4122360	4.84E-04	4.83E-04	4.82E-04	4.10E-05	8.31E-05	1.57E-03	Residence	2.13E-08	5.17E-07	5.69E-07	6.32E-08	1.17	0.00	4.84E-04	4.83E-04	4.82E-04	6.67E-05	7.65E-05	1.59E-03
605692	4122360	4.98E-04	4.97E-04	4.96E-04	4.25E-05	8.59E-05	1.62E-03	Residence	2.19E-08	5.32E-07	5.86E-07	6.51E-08	1.20	0.00	4.98E-04	4.97E-04	4.96E-04	6.90E-05	7.90E-05	1.64E-03
605712	4122360	5.11E-04	5.09E-04	5.08E-04	4.38E-05	8.85E-05	1.66E-03	Residence	2.25E-08	5.46E-07	6.01E-07	6.68E-08	1.24	0.00	5.11E-04	5.09E-04	5.08E-04	7.12E-05	8.14E-05	1.68E-03
605732	4122360	5.19E-04	5.17E-04	5.16E-04	4.51E-05	9.09E-05	1.69E-03	Residence	2.29E-08	5.54E-07	6.11E-07	6.78E-08	1.26	0.00	5.19E-04	5.17E-04	5.16E-04	7.32E-05	8.36E-05	1.71E-03
605752	4122360	5.15E-04	5.12E-04	5.11E-04	4.61E-05	9.29E-05	1.68E-03	Residence	2.27E-08	5.51E-07	6.07E-07	6.74E-08	1.25	0.00	5.15E-04	5.12E-04	5.11E-04	7.50E-05	8.55E-05	1.70E-03
605772	4122360	5.15E-04	5.12E-04	5.09E-04	4.70E-05	9.47E-05	1.68E-03	Residence	2.27E-08	5.51E-07	6.07E-07	6.74E-08	1.25	0.00	5.15E-04	5.12E-04	5.09E-04	7.64E-05	8.71E-05	1.70E-03
605792	4122360	5.22E-04	5.18E-04	5.15E-04	4.79E-05	9.63E-05	1.70E-03	Residence	2.30E-08	5.58E-07	6.15E-07	6.83E-08	1.26	0.00	5.22E-04	5.18E-04	5.15E-04	7.78E-05	8.86E-05	1.72E-03
605812	4122360	5.23E-04	5.19E-04	5.15E-04	4.85E-05	9.74E-05	1.70E-03	Residence	2.31E-08	5.59E-07	6.16E-07	6.84E-08	1.27	0.00	5.23E-04	5.19E-04	5.15E-04	7.88E-05	8.96E-05	1.73E-03
605832	4122360	5.28E-04	5.23E-04	5.18E-04	4.89E-05	9.82E-05	1.72E-03	Residence	2.33E-08	5.64E-07	6.21E-07	6.90E-08	1.28	0.00	5.28E-04	5.23E-04	5.18E-04	7.95E-05	9.04E-05	1.74E-03
605852	4122360	5.31E-04	5.26E-04	5.21E-04	4.91E-05	9.87E-05	1.73E-03	Residence	2.34E-08	5.67E-07	6.25E-07	6.94E-08	1.28	0.00	5.31E-04	5.26E-04	5.21E-04	7.99E-05	9.08E-05	1.75E-03
605872	4122360	5.28E-04	5.22E-04	5.17E-04	4.90E-05	9.86E-05	1.71E-03	Residence	2.33E-08	5.63E-07	6.21E-07	6.89E-08	1.28	0.00	5.28E-04	5.22E-04	5.17E-04	7.97E-05	9.07E-05	1.74E-03
605892	4122360	5.23E-04	5.17E-04	5.11E-04	4.87E-05	9.81E-05	1.70E-03	Residence	2.30E-08	5.58E-07	6.15E-07	6.83E-08	1.26	0.00	5.23E-04	5.17E-04	5.11E-04	7.91E-05	9.03E-05	1.72E-03
605912	4122360	5.14E-04	5.08E-04	5.02E-04	4.81E-05	9.72E-05	1.67E-03	Residence	2.26E-08	5.48E-07	6.04E-07	6.71E-08	1.24	0.00	5.14E-04	5.08E-04	5.02E-04	7.81E-05	8.94E-05	1.69E-03
605952	4122360	5.22E-04	5.15E-04	5.08E-04	4.63E-05	9.48E-05	1.69E-03	Residence	2.29E-08	5.54E-07	6.10E-07	6.78E-08	1.25	0.00	5.22E-04	5.15E-04	5.08E-04	7.53E-05	8.72E-05	1.71E-03
606632	4122360	1.35E-04	1.35E-04	1.34E-04	1.00E-05	3.31E-05	4.47E-04	Residence	6.07E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.35E-04	1.35E-04	1.34E-04	1.63E-05	3.04E-05	4.51E-04
606652	4122360	1.33E-04	1.32E-04	1.32E-04	9.75E-06	3.20E-05	4.39E-04	Residence	5.95E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.33E-04	1.32E-04	1.32E-04	1.58E-05	2.94E-05	4.42E-04
606672	4122360	1.32E-04	1.31E-04	1.30E-04	9.46E-06	3.09E-05	4.34E-04	Residence	5.88E-09	1.42E-07	1.57E-07	1.74E-08	0.32	0.00	1.32E-04	1.31E-04	1.30E-04	1.54E-05	2.85E-05	4.37E-04
606692	4122360	1.31E-04	1.30E-04	1.29E-04	9.19E-06	2.99E-05	4.29E-04	Residence	5.82E-09	1.41E-07	1.55E-07	1.73E-08	0.32	0.00	1.31E-04	1.30E-04	1.29E-04	1.49E-05	2.75E-05	4.33E-04
606712	4122360	1.31E-04	1.30E-04	1.30E-04	8.92E-06	2.90E-05	4.29E-04	Residence	5.82E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.31E-04	1.30E-04	1.30E-04	1.45E-05	2.67E-05	4.32E-04
606732	4122360	1.30E-04	1.29E-04	1.28E-04	8.66E-06	2.81E-05	4.24E-04	Residence	5.75E-09	1.39E-07	1.54E-07	1.71E-08	0.32	0.00	1.30E-04	1.29E-04	1.28E-04	1.41E-05	2.58E-05	4.27E-04
606772	4122360	1.30E-04	1.29E-04	1.28E-04	8.16E-06	2.64E-05	4.20E-04	Residence	5.70E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	1.30E-04	1.29E-04	1.28E-04	1.33E-05	2.43E-05	4.23E-04
606792	4122360	1.29E-04	1.28E-04	1.27E-04	7.92E-06	2.56E-05	4.18E-04	Residence	5.67E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.29E-04	1.28E-04	1.27E-04	1.29E-05	2.35E-05	4.21E-04
606812	4122360	1.28E-04	1.27E-04	1.27E-04	7.68E-06	2.48E-05	4.15E-04	Residence	5.63E-09	1.36E-07	1.50E-07	1.67E-08	0.31	0.00	1.28E-04	1.27E-04	1.27E-04	1.25E-05	2.28E-05	4.18E-04
606832	4122360	1.27E-04	1.26E-04	1.25E-04	7.45E-06	2.40E-05	4.10E-04	Residence	5.56E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.27E-04	1.26E-04	1.25E-04	1.21E-05	2.21E-05	4.13E-04
606852	4122360	1.27E-04	1.26E-04	1.25E-04	7.23E-06	2.33E-05	4.08E-04	Residence	5.54E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.27E-04	1.26E-04	1.25E-04	1.18E-05	2.15E-05	4.11E-04
606872	4122360	1.25E-04	1.24E-04	1.23E-04	7.01E-06	2.26E-05	4.02E-04	Residence	5.45E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.25E-04	1.24E-04	1.23E-04	1.14E-05	2.08E-05	4.04E-04
606892	4122360	1.24E-04	1.24E-04	1.23E-04	6.80E-06	2.20E-05	3.99E-04	Residence	5.42E-09	1.31E-07	1.45E-07	1.61E-08	0.30	0.00	1.24E-04	1.24E-04	1.23E-04	1.11E-05	2.02E-05	4.02E-04
606912	4122360	1.24E-04	1.23E-04	1.22E-04	6.60E-06	2.13E-05	3.96E-04	Residence	5.37E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.24E-04	1.23E-04	1.22E-04	1.07E-05	1.96E-05	3.99E-04
605632	4122380	4.56E-04	4.56E-04	4.55E-04	3.71E-05	7.53E-05	1.48E-03	Residence	2.01E-08	4.86E-07	5.35E-07	5.95E-08	1.10	0.00	4.56E-04	4.56E-04	4.55E-04	6.02E-05	6.93E-05	1.50E-03
605652	4122380	4.68E-04	4.67E-04	4.66E-04	3.84E-05	7.78E-05	1.52E-03	Residence	2.06E-08	4.98E-07	5.49E-07	6.10E-08	1.13	0.00	4.68E-04	4.67E-04	4.66E-04	6.24E-05	7.16E-05	1.53E-03
605672	4122380	4.84E-04	4.82E-04	4.81E-04	3.97E-05	8.03E-05	1.57E-03	Residence	2.13E-08	5.15E-07	5.67E-07	6.30E-08	1.17	0.00	4.84E-04	4.82E-04	4.81E-04	6.44E-05	7.39E-05	1.59E-03
605692	4122380	4.95E-04	4.94E-04	4.93E-04	4.09E-05	8.26E-05	1.61E-03	Residence	2.18E-08	5.27E-07	5.81E-07	6.45E-08	1.19	0.00	4.95E-04	4.94E-04	4.93E-04	6.64E-05	7.60E-05	1.62E-03
605712	4122380	5.06E-04	5.04E-04	5.03E-04	4.20E-05	8.48E-05	1.64E-03	Residence	2.22E-08	5.39E-07	5.94E-07	6.59E-08	1.22	0.00	5.06E-04	5.04E-04	5.03E-04	6.82E-05	7.80E-05	1.66E-03
605732	4122380	5.11E-04	5.08E-04	5.06E-04	4.29E-05	8.67E-05	1.65E-03	Residence	2.24E-08	5.43E-07	5.99E-07	6.65E-08	1.23	0.00	5.11E-04	5.08E-04	5.06E-04	6.98E-05	7.98E-05	1.67E-03
605752	4122380	5.05E-04	5.02E-04	4.99E-04	4.37E-05	8.82E-05	1.64E-03	Residence	2.22E-08	5.38E-07	5.93E-07	6.58E-08	1.22	0.00	5.05E-04	5.02E-04	4.99E-04	7.11E-05	8.12E-05	1.66E-03
605772	4122380	5.06E-04	5.03E-04	5.00E-04	4.44E-05	8.95E-05	1.64E-03	Residence	2.23E-08	5.40E-07	5.95E-07	6.60E-08	1.22	0.00	5.06E-04	5.03E-04	5.00E-04	7.22E-05	8.24E-05	1.66E-03

605792	4122380	5.09E-04	5.05E-04	5.01E-04	4.50E-05	9.06E-05	1.65E-03	Residence	2.24E-08	5.42E-07	5.98E-07	6.64E-08	1.23	0.00	5.09E-04	5.05E-04	5.01E-04	7.31E-05	8.34E-05	1.67E-03
605812	4122380	5.09E-04	5.05E-04	5.01E-04	4.54E-05	9.13E-05	1.65E-03	Residence	2.24E-08	5.43E-07	5.98E-07	6.64E-08	1.23	0.00	5.09E-04	5.05E-04	5.01E-04	7.37E-05	8.40E-05	1.67E-03
605832	4122380	5.13E-04	5.08E-04	5.04E-04	4.56E-05	9.18E-05	1.66E-03	Residence	2.25E-08	5.46E-07	6.02E-07	6.68E-08	1.24	0.00	5.13E-04	5.08E-04	5.04E-04	7.41E-05	8.45E-05	1.68E-03
605852	4122380	5.12E-04	5.07E-04	5.02E-04	4.56E-05	9.18E-05	1.66E-03	Residence	2.25E-08	5.45E-07	6.00E-07	6.67E-08	1.23	0.00	5.12E-04	5.07E-04	5.02E-04	7.41E-05	8.45E-05	1.68E-03
605872	4122380	5.08E-04	5.02E-04	4.97E-04	4.53E-05	9.15E-05	1.65E-03	Residence	2.23E-08	5.40E-07	5.95E-07	6.61E-08	1.22	0.00	5.08E-04	5.02E-04	4.97E-04	7.37E-05	8.42E-05	1.67E-03
605892	4122380	5.03E-04	4.97E-04	4.91E-04	4.49E-05	9.08E-05	1.63E-03	Residence	2.21E-08	5.35E-07	5.89E-07	6.54E-08	1.21	0.00	5.03E-04	4.97E-04	4.91E-04	7.29E-05	8.35E-05	1.65E-03
605912	4122380	4.95E-04	4.89E-04	4.83E-04	4.42E-05	8.97E-05	1.60E-03	Residence	2.17E-08	5.26E-07	5.80E-07	6.44E-08	1.19	0.00	4.95E-04	4.89E-04	4.83E-04	7.18E-05	8.26E-05	1.62E-03
606572	4122380	1.38E-04	1.37E-04	1.37E-04	1.05E-05	3.51E-05	4.57E-04	Residence	6.20E-09	1.50E-07	1.65E-07	1.84E-08	0.34	0.00	1.38E-04	1.37E-04	1.37E-04	1.71E-05	3.23E-05	4.61E-04
606592	4122380	1.35E-04	1.35E-04	1.34E-04	1.02E-05	3.39E-05	4.49E-04	Residence	6.08E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.35E-04	1.35E-04	1.34E-04	1.66E-05	3.12E-05	4.52E-04
606612	4122380	1.33E-04	1.33E-04	1.32E-04	9.88E-06	3.28E-05	4.41E-04	Residence	5.98E-09	1.45E-07	1.60E-07	1.77E-08	0.33	0.00	1.33E-04	1.33E-04	1.32E-04	1.61E-05	3.02E-05	4.45E-04
606632	4122380	1.32E-04	1.31E-04	1.31E-04	9.59E-06	3.17E-05	4.36E-04	Residence	5.91E-09	1.43E-07	1.58E-07	1.75E-08	0.32	0.00	1.32E-04	1.31E-04	1.31E-04	1.56E-05	2.92E-05	4.39E-04
606652	4122380	1.30E-04	1.30E-04	1.29E-04	9.32E-06	3.07E-05	4.29E-04	Residence	5.82E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.30E-04	1.30E-04	1.29E-04	1.51E-05	2.82E-05	4.32E-04
606752	4122380	1.27E-04	1.26E-04	1.26E-04	8.09E-06	2.63E-05	4.14E-04	Residence	5.61E-09	1.36E-07	1.50E-07	1.66E-08	0.31	0.00	1.27E-04	1.26E-04	1.26E-04	1.32E-05	2.42E-05	4.17E-04
606772	4122380	1.26E-04	1.25E-04	1.24E-04	7.86E-06	2.55E-05	4.08E-04	Residence	5.54E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.26E-04	1.25E-04	1.24E-04	1.28E-05	2.34E-05	4.11E-04
606792	4122380	1.25E-04	1.24E-04	1.23E-04	7.64E-06	2.47E-05	4.05E-04	Residence	5.49E-09	1.33E-07	1.47E-07	1.63E-08	0.30	0.00	1.25E-04	1.24E-04	1.23E-04	1.24E-05	2.27E-05	4.08E-04
606812	4122380	1.25E-04	1.24E-04	1.23E-04	7.43E-06	2.40E-05	4.04E-04	Residence	5.47E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	1.25E-04	1.24E-04	1.23E-04	1.21E-05	2.21E-05	4.06E-04
606832	4122380	1.24E-04	1.23E-04	1.23E-04	7.22E-06	2.33E-05	4.01E-04	Residence	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.24E-04	1.23E-04	1.23E-04	1.17E-05	2.14E-05	4.04E-04
606852	4122380	1.24E-04	1.23E-04	1.22E-04	7.01E-06	2.26E-05	3.99E-04	Residence	5.41E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.24E-04	1.23E-04	1.22E-04	1.14E-05	2.08E-05	4.01E-04
606872	4122380	1.23E-04	1.22E-04	1.21E-04	6.81E-06	2.20E-05	3.94E-04	Residence	5.35E-09	1.30E-07	1.43E-07	1.58E-08	0.29	0.00	1.23E-04	1.22E-04	1.21E-04	1.11E-05	2.02E-05	3.97E-04
606892	4122380	1.21E-04	1.20E-04	1.20E-04	6.61E-06	2.14E-05	3.89E-04	Residence	5.28E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.07E-05	1.96E-05	3.92E-04
605632	4122400	4.56E-04	4.55E-04	4.54E-04	3.60E-05	7.31E-05	1.47E-03	Residence	2.00E-08	4.84E-07	5.34E-07	5.93E-08	1.10	0.00	4.56E-04	4.55E-04	4.54E-04	5.85E-05	6.73E-05	1.49E-03
605652	4122400	4.66E-04	4.65E-04	4.64E-04	3.71E-05	7.53E-05	1.51E-03	Residence	2.04E-08	4.95E-07	5.46E-07	6.06E-08	1.12	0.00	4.66E-04	4.65E-04	4.64E-04	6.03E-05	6.92E-05	1.52E-03
605672	4122400	4.80E-04	4.79E-04	4.77E-04	3.82E-05	7.74E-05	1.55E-03	Residence	2.10E-08	5.10E-07	5.62E-07	6.24E-08	1.16	0.00	4.80E-04	4.79E-04	4.77E-04	6.21E-05	7.12E-05	1.57E-03
605692	4122400	4.90E-04	4.88E-04	4.87E-04	3.92E-05	7.93E-05	1.58E-03	Residence	2.15E-08	5.20E-07	5.73E-07	6.37E-08	1.18	0.00	4.90E-04	4.88E-04	4.87E-04	6.37E-05	7.29E-05	1.60E-03
605712	4122400	5.00E-04	4.97E-04	4.95E-04	4.01E-05	8.10E-05	1.61E-03	Residence	2.19E-08	5.30E-07	5.84E-07	6.48E-08	1.20	0.00	5.00E-04	4.97E-04	4.95E-04	6.51E-05	7.45E-05	1.63E-03
605732	4122400	5.01E-04	4.98E-04	4.96E-04	4.08E-05	8.25E-05	1.62E-03	Residence	2.20E-08	5.32E-07	5.86E-07	6.51E-08	1.20	0.00	5.01E-04	4.98E-04	4.96E-04	6.63E-05	7.59E-05	1.64E-03
605752	4122400	4.93E-04	4.89E-04	4.87E-04	4.14E-05	8.36E-05	1.59E-03	Residence	2.16E-08	5.24E-07	5.77E-07	6.41E-08	1.19	0.00	4.93E-04	4.89E-04	4.87E-04	6.73E-05	7.69E-05	1.61E-03
605772	4122400	4.95E-04	4.90E-04	4.87E-04	4.19E-05	8.45E-05	1.60E-03	Residence	2.17E-08	5.25E-07	5.79E-07	6.43E-08	1.19	0.00	4.95E-04	4.90E-04	4.87E-04	6.81E-05	7.78E-05	1.62E-03
605792	4122400	4.97E-04	4.93E-04	4.89E-04	4.23E-05	8.52E-05	1.61E-03	Residence	2.18E-08	5.28E-07	5.82E-07	6.46E-08	1.20	0.00	4.97E-04	4.93E-04	4.89E-04	6.87E-05	7.84E-05	1.63E-03
605812	4122400	4.98E-04	4.93E-04	4.89E-04	4.25E-05	8.57E-05	1.61E-03	Residence	2.18E-08	5.28E-07	5.82E-07	6.46E-08	1.20	0.00	4.98E-04	4.93E-04	4.89E-04	6.90E-05	7.88E-05	1.63E-03
605832	4122400	4.97E-04	4.92E-04	4.87E-04	4.25E-05	8.57E-05	1.61E-03	Residence	2.18E-08	5.27E-07	5.81E-07	6.45E-08	1.19	0.00	4.97E-04	4.92E-04	4.87E-04	6.91E-05	7.89E-05	1.62E-03
605852	4122400	4.95E-04	4.89E-04	4.84E-04	4.23E-05	8.55E-05	1.60E-03	Residence	2.16E-08	5.24E-07	5.78E-07	6.41E-08	1.19	0.00	4.95E-04	4.89E-04	4.84E-04	6.88E-05	7.87E-05	1.62E-03
605872	4122400	4.87E-04	4.81E-04	4.76E-04	4.19E-05	8.49E-05	1.57E-03	Residence	2.13E-08	5.16E-07	5.69E-07	6.32E-08	1.17	0.00	4.87E-04	4.81E-04	4.76E-04	6.81E-05	7.81E-05	1.59E-03
605892	4122400	4.84E-04	4.78E-04	4.72E-04	4.14E-05	8.41E-05	1.56E-03	Residence	2.11E-08	5.12E-07	5.64E-07	6.27E-08	1.16	0.00	4.84E-04	4.78E-04	4.72E-04	6.72E-05	7.74E-05	1.58E-03
605912	4122400	4.83E-04	4.77E-04	4.71E-04	4.07E-05	8.31E-05	1.56E-03	Residence	2.11E-08	5.11E-07	5.63E-07	6.25E-08	1.16	0.00	4.83E-04	4.77E-04	4.71E-04	6.61E-05	7.65E-05	1.57E-03
605932	4122400	4.91E-04	4.85E-04	4.79E-04	3.99E-05	8.20E-05	1.58E-03	Residence	2.14E-08	5.18E-07	5.71E-07	6.34E-08	1.17	0.00	4.91E-04	4.85E-04	4.79E-04	6.48E-05	7.54E-05	1.59E-03
606512	4122400	1.45E-04	1.44E-04	1.44E-04	1.13E-05	3.73E-05	4.81E-04	Residence	6.53E-09	1.58E-07	1.74E-07	1.93E-08	0.36	0.00	1.45E-04	1.44E-04	1.44E-04	1.83E-05	3.43E-05	4.85E-04
606532	4122400	1.41E-04	1.40E-04	1.40E-04	1.08E-05	3.60E-05	4.68E-04	Residence	6.35E-09	1.54E-07	1.69E-07	1.88E-08	0.35	0.00	1.41E-04	1.40E-04	1.40E-04	1.76E-05	3.31E-05	4.72E-04
606552	4122400	1.38E-04	1.37E-04	1.37E-04	1.04E-05	3.48E-05	4.57E-04	Residence	6.20E-09	1.50E-07	1.66E-07	1.84E-08	0.34	0.00	1.38E-04	1.37E-04	1.37E-04	1.69E-05	3.20E-05	4.61E-04
606572	4122400	1.35E-04	1.35E-04	1.34E-04	1.01E-05	3.36E-05	4.48E-04	Residence	6.08E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.35E-04	1.35E-04	1.34E-04	1.64E-05	3.09E-05	4.52E-04
606592	4122400	1.33E-04	1.33E-04	1.32E-04	9.74E-06	3.25E-05	4.40E-04	Residence	5.97E-09	1.45E-07	1.59E-07	1.77E-08	0.33	0.00	1.33E-04	1.33E-04	1.32E-04	1.58E-05	2.99E-05	4.44E-04
606692	4122400	1.26E-04	1.26E-04	1.25E-04	8.44E-06	2.77E-05	4.13E-04	Residence	5.60E-09	1.36E-07	1.50E-07	1.66E-08	0.31	0.00	1.26E-04	1.26E-04	1.25E-04	1.37E-05	2.55E-05	4.16E-04
606712	4122400	1.25E-04	1.24E-04	1.24E-04	8.21E-06	2.69E-05	4.08E-04	Residence	5.53E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.25E-04	1.24E-04	1.24E-04	1.33E-05	2.47E-05	4.11E-04
606732	4122400	1.24E-04	1.23E-04	1.23E-04	8.00E-06	2.61E-05	4.04E-04	Residence	5.48E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	1.24E-04	1.23E-04	1.23E-04	1.30E-05	2.40E-05	4.07E-04
606752	4122400	1.24E-04	1.23E-04	1.22E-04	7.79E-06	2.53E-05	4.02E-04	Residence	5.45E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	1.24E-04	1.23E-04	1.22E-04	1.27E-05	2.33E-05	4.05E-04
606772	4122400	1.23E-04	1.22E-04	1.21E-04	7.58E-06	2.46E-05	3.98E-04	Residence	5.40E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.23E-04	1.22E-04	1.21E-04	1.23E-05	2.26E-05	4.01E-04
606792	4122400	1.22E-04	1.21E-04	1.20E-04	7.37E-06	2.39E-05	3.94E-04	Residence	5.34E-09	1.29E-07	1.43E-07	1.58E-08	0.29	0.00	1.22E-04	1.21E-04	1.20E-04	1.20E-05	2.20E-05	3.97E-04
606812	4122400	1.22E-04	1.21E-04	1.20E-04	7.18E-06	2.32E-05	3.93E-04	Residence	5.33E-09	1.29E-07	1.42E-07	1.58E-08	0.29	0.00	1.22E-04	1.21E-04	1.20E-04	1.17E-05	2.14E-05	3.96E-04
606832	4122400	1.21E-04	1.20E-04	1.20E-04	6.98E-06	2.26E-05	3.91E-04	Residence	5.30E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.13E-05	2.08E-05	3.93E-04
605632	4122420	4.55E-04	4.53E-04	4.52E-04	3.49E-05	7.08E-05	1.47E-03	Residence	1.99E-08	4.82E-07	5.31E-07	5.89E-08	1.09	0.00	4.55E-04	4.53E-04	4.52E-04	5.66E-05	6.51E-05	1.48E-03
605652	4122420	4.66E-04	4.64E-04	4.62E-04	3.58E-05	7.26E-05	1.50E-03	Residence	2.03E-08	4.93E-07	5.43E-07	6.03E-08	1.12	0.00	4.66E-04	4.64E-04	4.62E-04	5.82E-05	6.68E-05	1.52E-03
605672	4122420	4.75E-04	4.73E-04	4.71E-04	3.67E-05	7.43E-05	1.53E-03	Residence	2.08E-08	5.03E-07	5.54E-07	6.15E-08	1.14	0.00	4.75E-04	4.73E-04	4.71E-04	5.96E-05	6.84E-05	1.55E-03
605692	4122420	4.84E-04	4.81E-04	4.79E-04	3.75E-05	7.59E-05	1.56E-03	Residence	2.11E-08	5.12E-07	5.64E-07	6.26E-08	1.16	0.00	4.84E-04	4.81E-04	4.79E-04	6.09E-05	6.98E-05	1.57E-03
605712	4122420	4.91E-04	4.88E-04	4.86E-04	3.82E-05	7.72E-05	1.58E-03	Residence	2.14E-08	5.19E-07	5.72E-07	6.35E-08	1.18	0.00	4.91E-04	4.88E-04	4.86E-04	6.20E-05	7.10E-05	1.60E-03
605732	4122420	4.93E-04	4.89E-04	4.87E-04	3.87E-05	7.84E-05	1.59E-03	Residence	2.15E-08	5.21E-07	5.74E-07	6.37E-08	1.18	0.00	4.93E-04	4.89E-04	4.87E-04	6.30E-05	7.21E-05	1.60E-03
605752	4122420	4.82E-04	4.78E-04	4.75E-04	3.91E-05	7.91E-05	1.55E-03	Residence	2.11E-08	5.10E-07	5.62E-07	6.24E-08	1.16	0.00	4.82E-04	4.78E-04	4.75E-04	6.36E-05	7.28E-05	1.57E-03
605772	4122420	4.82E-04	4.78E-04	4.74E-04	3.95E-05	7.97E-05	1.55E-03	Residence	2.11E-08	5.10E-07	5.62E-07	6.24E-08	1.16	0.00	4.82E-04	4.78E-04	4.74E-04	6.41E-05	7.33E-05	1.57E-03
605792	4122420	4.83E-04	4.78E-04	4.75E-04	3.97E-05	8.01E-05	1.56E-03	Residence	2.11E-08	5.11E-07	5.63E-07	6.25E-08	1.16	0.00	4.83E-04	4.78E-04	4.75E-04	6.45E-05	7.37E-05	1.57E-03
605812	4122420	4.83E-04	4.78E-04	4.74E-04	3.97E-05	8.03E-05	1.55E-03	Residence	2.11E-08	5.11E-07	5.63E-07	6.25E-08	1.16	0.00	4.83E-04	4.78E-04	4.74E-04	6.46E-05	7.38E-05	1.57E-03
605832	4122420	4.82E-04	4.77E-04	4.72E-04	3.96E-05	8.01E-05	1.55E-03	Residence	2.10E-08	5.10E-07	5.62E-07	6.24E-08	1.15	0.00	4.82E-04	4.77E-04	4.72E-04	6.44E-05	7.37E-05	1.57E-03
605852	4122420	4.80E-04	4.74E-04	4.70E-04	3.93E-05	7.97E-05	1.54E-03	Residence	2.09E-08	5.07E-07	5.59E-07	6.20E-08	1.15	0.00	4.80E-04	4.74E-04	4.70E-04	6.39E-05	7.33E-05	1.56E-03
605872	4122420	4.81E-04	4.75E-04	4.70E-04	3.89E-05	7.91E-05	1.54E-03	Residence	2.09E-08	5.07E-07	5.59E-07	6.21E-08	1.15	0.00	4.81E-04	4.75E-04	4.70E-04	6.33E-05	7.28E-05	1.56E-03
605892	4122420	4.80E-04	4.74E-04	4.69E-04	3.83E-05	7.82E-05	1.54E-03	Residence	2.09E-08	5.06E-07	5.57E-07	6.19E-08	1.15	0.00	4.80E-04	4.74E-04	4.69E-04	6.23E-05	7.20E-05	1.56E-03
605912	4122420	4.81E-04	4.75E-04	4.69E-04	3.76E-05	7.72E-05	1.54E-03	Residence	2.09E-08	5.06E-07	5.58E-07	6.19E-08	1.15	0.00	4.81E-04	4.75E-04	4.69E-04	6.11E-05	7.10E-05	1.56E-03
606452	4122420	1.58E-04	1.58E-04	1.57E-04	1.24E-05	3.95E-05	5.25E-04	Residence	7.12E-09	1.73E-07	1.90E-07	2.11E-08	0.39	0.00	1.58E-04	1.58E-04	1.57E-04	2.01E-05	3.64E-05	5.30E-04
606472	4122420	1.52E-04	1.52E-04	1.51E-04	1.18E-05	3.82E-05	5.05E-04	Residence	6.85E-09	1.66E-07	1.83E-07	2.03E-08	0.38	0.00	1.52E-04	1.52E-04	1.51E-04	1.92E-05	3.51E-05	5.09E-04
606492	4122420	1.47E-04	1.46E-04	1.46E-04	1.13E-05	3.69E-05	4.87E-04	Residence	6.61E-09	1.60E-07	1.76E-07	1.96E-08	0.36	0.00	1.47E-04	1.46E-04	1.46E-04	1.83E-05	3.39E-05	4.92E-04
606512	4122420	1.43E-04	1.42E-04	1.42E-04	1.08E-05	3.56E-05	4.73E-04	Residence	6.42E-09	1.55E-07	1.71E-07	1.90E-08	0.35	0.00	1.43E-04	1.42E-04	1.42E-04	1.76E-05	3.28E-05	4.77E-04
606532	4122420	1.41E-04	1.40E-04	1.40E-04	1.04E-05	3.44E-05	4.66E-04	Residence	6.32E-09	1.53E-07	1.69E-07	1.87E-08	0.35	0.00	1.41E-04	1.40E-04	1.40E-04	1.69E-05	3.17E-05	4.70E-04
606552	4122420	1.37E-04	1.36E-04	1.36E-04	9.99E-06	3.33E-05	4.52E-04	Residence	6.12E-09	1.48E-07	1.63E-07	1.82E-08	0.34	0.00	1.37E-04	1.36E-04	1.36E-04	1.62E-05	3.06E-05	4.55E-04
606632	4122420	1.28E-04	1.27E-04	1.27E-04	8.77E-06	2.92E-05	4.20E-04	Residence	5.70E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	1.28E-04	1.27E-04	1.27E-04	1.43E-05	2.69E-05	4.23E-04
606652	4122420	1.26E-04	1.25E-04	1.25E-04	8.53E-06	2.83E-05	4.12E-04	Residence	5.59E-09	1.35E-07	1.49E-07	1.66E-08	0.31	0.00	1.26E-04	1.25E-04	1.25E-04	1.39E-05	2.61E-05	4.15E-04
606672	4122420	1.25E-04	1.25E-04	1.24E-04	8.31E-06	2.75E-05	4.10E-04	Residence	5.56E-09	1.35E-07	1.48E-07	1.65E-08	0.31	0.00	1.25E-04	1.25E-04	1.24E-04	1.35E-05	2.53E-05	4.13E-04
606692	4122420	1.23E-04	1.23E-04	1.22E-04	8.09E-06	2.67E-05	4.03E-04	Residence	5.46E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	1.23E-04	1.23E-04	1.22E-04	1.31E-05	2.45E-05	4.05E-04
606712	4122420	1.23E-04	1.22E-04	1.21E-04	7.89E-06	2.59E-05	3.99E-04	Residence	5.42E-09	1.31E-07	1.45E-07	1.61E-08	0.30	0.00	1.23E-04	1.22E-04	1.21E-04	1.28E-05	2.38E-05	4.02E-04
606732	4122420	1.22E-04	1.21E-04	1.20E-04	7.69E-06	2.52E-05	3.95E-04	Residence	5.36E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.22E-04	1.21E-04	1.20E-04	1.25E-05	2.32E-05	3.98E-04
606752	4122420	1.21E-04	1.20E-04	1.19E-04	7.49E-06	2.45E-05	3.91E-04	Residence	5.31E-09	1.29E-07	1.42E-07	1.57E-08	0.29	0.00	1.21E-04	1.20E-04	1.19E-04	1.22E-05	2.25E-05	3.94E-04
606772	4122420	1.20E-04	1.19E-04	1.18E-04	7.30E-06	2.38E-05	3.88E-04	Residence	5.26E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	1.20E-04	1.19E-04	1.18E-04	1.19E-05	2.19E-05	3.91E-04
606852	4122420	1.18E-04	1.17E-04	1.17E-04	6.58E-06	2.13E-05	3.80E-04	Residence	5.15E-09	1.25E-07	1.37E-07	1.53E-08	0.28	0.00	1.18E-04	1.17E-04	1.17E-04	1.07E-05	1.96E-05	3.82E-04
606872	4122420	1.17E-04	1.16E-04	1.15E-04	6.41E-06	2.07E-05	3.76E-04	Residence	5.09E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.17E-04	1.16E-04	1.15E-04	1.04E-05	1.91E-05	3.78E-04
606892	4122420	1.16E-04	1.15E-04	1.15E-04	6.24E-06	2.02E-05	3.72E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.16E-04	1.15E-04	1.15E-04	1.01E-05	1.85E-05	3.75E-04
606912	4122420	1.16E-04	1.15E-04	1.15E-04	6.07E-06	1.96E-05	3.71E-04	Residence	5.04E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.16E-04	1.15E-04	1.15E-04	9.87E-06	1.81E-05	3.74E-04
605632	4122440	4.52E-04	4.50E-04	4.48E-04	3.36E-05	6.83E-05	1.45E-03	Residence	1.97E-08	4.77E-07	5.26E-07	5.84E-08	1.08	0.00	4.52E-04	4.50E-04	4.48E-04	5.47E-05	6.28E-05	1.47E-03

605652	4122440	4.61E-04	4.58E-04	4.57E-04	3.44E-05	6.98E-05	1.48E-03	Residence	2.01E-08	4.86E-07	5.36E-07	5.95E-08	1.10	0.00	4.61E-04	4.58E-04	4.57E-04	5.59E-05	6.42E-05	1.50E-03
605672	4122440	4.68E-04	4.66E-04	4.64E-04	3.51E-05	7.12E-05	1.50E-03	Residence	2.04E-08	4.94E-07	5.45E-07	6.05E-08	1.12	0.00	4.68E-04	4.66E-04	4.64E-04	5.71E-05	6.55E-05	1.52E-03
605692	4122440	4.75E-04	4.72E-04	4.70E-04	3.57E-05	7.24E-05	1.53E-03	Residence	2.07E-08	5.01E-07	5.52E-07	6.13E-08	1.14	0.00	4.75E-04	4.72E-04	4.70E-04	5.81E-05	6.66E-05	1.54E-03
605712	4122440	4.82E-04	4.78E-04	4.75E-04	3.63E-05	7.35E-05	1.55E-03	Residence	2.10E-08	5.08E-07	5.59E-07	6.21E-08	1.15	0.00	4.82E-04	4.78E-04	4.75E-04	5.90E-05	6.76E-05	1.56E-03
605732	4122440	4.81E-04	4.78E-04	4.75E-04	3.67E-05	7.43E-05	1.54E-03	Residence	2.10E-08	5.07E-07	5.59E-07	6.21E-08	1.15	0.00	4.81E-04	4.78E-04	4.75E-04	5.97E-05	6.84E-05	1.56E-03
605752	4122440	4.76E-04	4.72E-04	4.68E-04	3.70E-05	7.49E-05	1.53E-03	Residence	2.07E-08	5.02E-07	5.53E-07	6.14E-08	1.14	0.00	4.76E-04	4.72E-04	4.68E-04	6.01E-05	6.89E-05	1.54E-03
605772	4122440	4.76E-04	4.72E-04	4.68E-04	3.72E-05	7.53E-05	1.53E-03	Residence	2.07E-08	5.02E-07	5.53E-07	6.14E-08	1.14	0.00	4.76E-04	4.72E-04	4.68E-04	6.05E-05	6.92E-05	1.55E-03
605792	4122440	4.77E-04	4.72E-04	4.68E-04	3.73E-05	7.54E-05	1.53E-03	Residence	2.08E-08	5.03E-07	5.54E-07	6.15E-08	1.14	0.00	4.77E-04	4.72E-04	4.68E-04	6.06E-05	6.94E-05	1.55E-03
605812	4122440	4.78E-04	4.73E-04	4.68E-04	3.72E-05	7.54E-05	1.53E-03	Residence	2.08E-08	5.03E-07	5.55E-07	6.16E-08	1.14	0.00	4.78E-04	4.73E-04	4.68E-04	6.05E-05	6.93E-05	1.55E-03
605832	4122440	4.78E-04	4.72E-04	4.68E-04	3.70E-05	7.51E-05	1.53E-03	Residence	2.08E-08	5.03E-07	5.54E-07	6.15E-08	1.14	0.00	4.78E-04	4.72E-04	4.68E-04	6.01E-05	6.91E-05	1.55E-03
605852	4122440	4.78E-04	4.72E-04	4.67E-04	3.67E-05	7.45E-05	1.53E-03	Residence	2.07E-08	5.02E-07	5.53E-07	6.14E-08	1.14	0.00	4.78E-04	4.72E-04	4.67E-04	5.96E-05	6.86E-05	1.55E-03
605872	4122440	4.80E-04	4.74E-04	4.69E-04	3.62E-05	7.38E-05	1.53E-03	Residence	2.08E-08	5.03E-07	5.55E-07	6.16E-08	1.14	0.00	4.80E-04	4.74E-04	4.69E-04	5.88E-05	6.79E-05	1.55E-03
605892	4122440	4.73E-04	4.67E-04	4.62E-04	3.55E-05	7.28E-05	1.51E-03	Residence	2.05E-08	4.96E-07	5.47E-07	6.07E-08	1.12	0.00	4.73E-04	4.67E-04	4.62E-04	5.77E-05	6.70E-05	1.53E-03
606452	4122440	1.55E-04	1.55E-04	1.54E-04	1.18E-05	3.76E-05	5.14E-04	Residence	6.97E-09	1.69E-07	1.86E-07	2.06E-08	0.38	0.00	1.55E-04	1.55E-04	1.54E-04	1.92E-05	3.46E-05	5.18E-04
606472	4122440	1.50E-04	1.50E-04	1.49E-04	1.13E-05	3.64E-05	4.97E-04	Residence	6.74E-09	1.63E-07	1.80E-07	2.00E-08	0.37	0.00	1.50E-04	1.50E-04	1.49E-04	1.84E-05	3.35E-05	5.01E-04
606492	4122440	1.46E-04	1.46E-04	1.45E-04	1.08E-05	3.52E-05	4.83E-04	Residence	6.55E-09	1.59E-07	1.75E-07	1.94E-08	0.36	0.00	1.46E-04	1.46E-04	1.45E-04	1.76E-05	3.24E-05	4.87E-04
606552	4122440	1.35E-04	1.35E-04	1.34E-04	9.58E-06	3.19E-05	4.46E-04	Residence	6.05E-09	1.47E-07	1.62E-07	1.79E-08	0.33	0.00	1.35E-04	1.35E-04	1.34E-04	1.56E-05	2.94E-05	4.50E-04
606612	4122440	1.27E-04	1.26E-04	1.26E-04	8.66E-06	2.90E-05	4.16E-04	Residence	5.65E-09	1.37E-07	1.51E-07	1.67E-08	0.31	0.00	1.27E-04	1.26E-04	1.26E-04	1.41E-05	2.67E-05	4.19E-04
606632	4122440	1.25E-04	1.25E-04	1.24E-04	8.41E-06	2.81E-05	4.11E-04	Residence	5.57E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.25E-04	1.25E-04	1.24E-04	1.37E-05	2.59E-05	4.14E-04
606652	4122440	1.24E-04	1.23E-04	1.23E-04	8.18E-06	2.73E-05	4.05E-04	Residence	5.50E-09	1.33E-07	1.47E-07	1.63E-08	0.30	0.00	1.24E-04	1.23E-04	1.23E-04	1.33E-05	2.51E-05	4.08E-04
606672	4122440	1.23E-04	1.23E-04	1.22E-04	7.97E-06	2.65E-05	4.03E-04	Residence	5.46E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	1.23E-04	1.23E-04	1.22E-04	1.30E-05	2.44E-05	4.06E-04
606692	4122440	1.21E-04	1.20E-04	1.20E-04	7.77E-06	2.57E-05	3.94E-04	Residence	5.35E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.26E-05	2.37E-05	3.97E-04
606712	4122440	1.20E-04	1.19E-04	1.18E-04	7.57E-06	2.50E-05	3.90E-04	Residence	5.28E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.20E-04	1.19E-04	1.18E-04	1.23E-05	2.30E-05	3.92E-04
606732	4122440	1.19E-04	1.18E-04	1.18E-04	7.39E-06	2.43E-05	3.86E-04	Residence	5.24E-09	1.27E-07	1.40E-07	1.55E-08	0.29	0.00	1.19E-04	1.18E-04	1.18E-04	1.20E-05	2.23E-05	3.89E-04
606812	4122440	1.17E-04	1.16E-04	1.15E-04	6.70E-06	2.18E-05	3.76E-04	Residence	5.10E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.17E-04	1.16E-04	1.15E-04	1.09E-05	2.00E-05	3.78E-04
606832	4122440	1.16E-04	1.15E-04	1.14E-04	6.53E-06	2.12E-05	3.73E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.16E-04	1.15E-04	1.14E-04	1.06E-05	1.95E-05	3.75E-04
606852	4122440	1.15E-04	1.14E-04	1.14E-04	6.37E-06	2.06E-05	3.70E-04	Residence	5.02E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.15E-04	1.14E-04	1.14E-04	1.03E-05	1.90E-05	3.72E-04
606872	4122440	1.15E-04	1.14E-04	1.13E-04	6.21E-06	2.01E-05	3.68E-04	Residence	4.99E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	1.15E-04	1.14E-04	1.13E-04	1.01E-05	1.85E-05	3.70E-04
606892	4122440	1.14E-04	1.13E-04	1.12E-04	6.05E-06	1.96E-05	3.64E-04	Residence	4.94E-09	1.20E-07	1.32E-07	1.46E-08	0.27	0.00	1.14E-04	1.13E-04	1.12E-04	9.84E-06	1.80E-05	3.66E-04
606912	4122440	1.14E-04	1.13E-04	1.12E-04	5.90E-06	1.91E-05	3.63E-04	Residence	4.93E-09	1.19E-07	1.32E-07	1.46E-08	0.27	0.00	1.14E-04	1.13E-04	1.12E-04	9.59E-06	1.76E-05	3.66E-04
605632	4122460	4.46E-04	4.44E-04	4.42E-04	3.24E-05	6.58E-05	1.43E-03	Residence	1.94E-08	4.70E-07	5.18E-07	5.75E-08	1.06	0.00	4.46E-04	4.44E-04	4.42E-04	5.26E-05	6.05E-05	1.45E-03
605652	4122460	4.54E-04	4.51E-04	4.49E-04	3.30E-05	6.70E-05	1.45E-03	Residence	1.97E-08	4.78E-07	5.27E-07	5.85E-08	1.08	0.00	4.54E-04	4.51E-04	4.49E-04	5.36E-05	6.17E-05	1.47E-03
605672	4122460	4.61E-04	4.58E-04	4.55E-04	3.36E-05	6.81E-05	1.48E-03	Residence	2.00E-08	4.85E-07	5.34E-07	5.93E-08	1.10	0.00	4.61E-04	4.58E-04	4.55E-04	5.45E-05	6.27E-05	1.49E-03
605692	4122460	4.66E-04	4.63E-04	4.60E-04	3.41E-05	6.91E-05	1.49E-03	Residence	2.02E-08	4.90E-07	5.40E-07	6.00E-08	1.11	0.00	4.66E-04	4.63E-04	4.60E-04	5.53E-05	6.36E-05	1.51E-03
605712	4122460	4.71E-04	4.67E-04	4.64E-04	3.45E-05	6.99E-05	1.51E-03	Residence	2.04E-08	4.95E-07	5.45E-07	6.06E-08	1.12	0.00	4.71E-04	4.67E-04	4.64E-04	5.60E-05	6.43E-05	1.52E-03
605732	4122460	4.72E-04	4.68E-04	4.65E-04	3.48E-05	7.05E-05	1.51E-03	Residence	2.05E-08	4.96E-07	5.46E-07	6.07E-08	1.12	0.00	4.72E-04	4.68E-04	4.65E-04	5.65E-05	6.48E-05	1.53E-03
605752	4122460	4.73E-04	4.69E-04	4.66E-04	3.50E-05	7.08E-05	1.51E-03	Residence	2.05E-08	4.97E-07	5.48E-07	6.09E-08	1.13	0.00	4.73E-04	4.69E-04	4.66E-04	5.68E-05	6.52E-05	1.53E-03
605772	4122460	4.75E-04	4.70E-04	4.67E-04	3.51E-05	7.10E-05	1.52E-03	Residence	2.06E-08	4.99E-07	5.49E-07	6.10E-08	1.13	0.00	4.75E-04	4.70E-04	4.67E-04	5.70E-05	6.53E-05	1.53E-03
605792	4122460	4.75E-04	4.70E-04	4.66E-04	3.50E-05	7.10E-05	1.52E-03	Residence	2.06E-08	4.99E-07	5.49E-07	6.10E-08	1.13	0.00	4.75E-04	4.70E-04	4.66E-04	5.69E-05	6.53E-05	1.53E-03
605812	4122460	4.74E-04	4.69E-04	4.64E-04	3.49E-05	7.07E-05	1.51E-03	Residence	2.05E-08	4.97E-07	5.47E-07	6.08E-08	1.13	0.00	4.74E-04	4.69E-04	4.64E-04	5.66E-05	6.51E-05	1.53E-03
605832	4122460	4.72E-04	4.67E-04	4.62E-04	3.46E-05	7.03E-05	1.51E-03	Residence	2.04E-08	4.95E-07	5.45E-07	6.05E-08	1.12	0.00	4.72E-04	4.67E-04	4.62E-04	5.62E-05	6.47E-05	1.52E-03
606392	4122460	1.77E-04	1.76E-04	1.75E-04	1.30E-05	3.95E-05	5.80E-04	Residence	7.87E-09	1.91E-07	2.10E-07	2.33E-08	0.43	0.00	1.77E-04	1.76E-04	1.75E-04	2.11E-05	3.63E-05	5.85E-04
606412	4122460	1.69E-04	1.68E-04	1.67E-04	1.24E-05	3.83E-05	5.55E-04	Residence	7.52E-09	1.82E-07	2.01E-07	2.23E-08	0.41	0.00	1.69E-04	1.68E-04	1.67E-04	2.02E-05	3.52E-05	5.59E-04
606432	4122460	1.61E-04	1.61E-04	1.60E-04	1.19E-05	3.71E-05	5.30E-04	Residence	7.19E-09	1.74E-07	1.92E-07	2.13E-08	0.39	0.00	1.61E-04	1.61E-04	1.60E-04	1.93E-05	3.41E-05	5.35E-04
606552	4122460	1.32E-04	1.32E-04	1.31E-04	9.20E-06	3.06E-05	4.35E-04	Residence	5.90E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.32E-04	1.32E-04	1.31E-04	1.50E-05	2.81E-05	4.38E-04
606572	4122460	1.29E-04	1.29E-04	1.29E-04	8.88E-06	2.96E-05	4.26E-04	Residence	5.77E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.29E-04	1.29E-04	1.29E-04	1.44E-05	2.73E-05	4.29E-04
606592	4122460	1.26E-04	1.26E-04	1.26E-04	8.58E-06	2.87E-05	4.15E-04	Residence	5.63E-09	1.36E-07	1.50E-07	1.67E-08	0.31	0.00	1.26E-04	1.26E-04	1.26E-04	1.39E-05	2.64E-05	4.18E-04
606612	4122460	1.24E-04	1.24E-04	1.23E-04	8.31E-06	2.79E-05	4.07E-04	Residence	5.52E-09	1.34E-07	1.47E-07	1.64E-08	0.30	0.00	1.24E-04	1.24E-04	1.23E-04	1.35E-05	2.56E-05	4.10E-04
606632	4122460	1.23E-04	1.22E-04	1.22E-04	8.07E-06	2.70E-05	4.03E-04	Residence	5.46E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	1.23E-04	1.22E-04	1.22E-04	1.31E-05	2.49E-05	4.05E-04
606652	4122460	1.22E-04	1.21E-04	1.21E-04	7.85E-06	2.63E-05	3.98E-04	Residence	5.40E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.22E-04	1.21E-04	1.21E-04	1.28E-05	2.42E-05	4.01E-04
606672	4122460	1.21E-04	1.20E-04	1.20E-04	7.65E-06	2.55E-05	3.94E-04	Residence	5.35E-09	1.30E-07	1.43E-07	1.58E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.24E-05	2.35E-05	3.97E-04
606752	4122460	1.16E-04	1.16E-04	1.15E-04	6.94E-06	2.28E-05	3.77E-04	Residence	5.11E-09	1.24E-07	1.36E-07	1.52E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	1.13E-05	2.10E-05	3.80E-04
606772	4122460	1.15E-04	1.14E-04	1.14E-04	6.78E-06	2.22E-05	3.72E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.15E-04	1.14E-04	1.14E-04	1.10E-05	2.04E-05	3.75E-04
606792	4122460	1.15E-04	1.14E-04	1.13E-04	6.62E-06	2.16E-05	3.70E-04	Residence	5.02E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.15E-04	1.14E-04	1.13E-04	1.08E-05	1.99E-05	3.72E-04
606812	4122460	1.13E-04	1.13E-04	1.12E-04	6.47E-06	2.11E-05	3.65E-04	Residence	4.96E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	1.05E-05	1.94E-05	3.68E-04
606832	4122460	1.13E-04	1.12E-04	1.12E-04	6.31E-06	2.05E-05	3.64E-04	Residence	4.94E-09	1.20E-07	1.32E-07	1.46E-08	0.27	0.00	1.13E-04	1.12E-04	1.12E-04	1.03E-05	1.89E-05	3.66E-04
606852	4122460	1.12E-04	1.11E-04	1.11E-04	6.16E-06	2.00E-05	3.61E-04	Residence	4.89E-09	1.18E-07	1.31E-07	1.45E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	1.00E-05	1.84E-05	3.63E-04
606872	4122460	1.12E-04	1.11E-04	1.10E-04	6.02E-06	1.95E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.12E-04	1.11E-04	1.10E-04	9.78E-06	1.80E-05	3.61E-04
606892	4122460	1.11E-04	1.10E-04	1.09E-04	5.87E-06	1.90E-05	3.55E-04	Residence	4.81E-09	1.17E-07	1.28E-07	1.43E-08	0.26	0.00	1.11E-04	1.10E-04	1.09E-04	9.54E-06	1.75E-05	3.57E-04
606912	4122460	1.11E-04	1.10E-04	1.09E-04	5.73E-06	1.86E-05	3.55E-04	Residence	4.81E-09	1.16E-07	1.28E-07	1.43E-08	0.26	0.00	1.11E-04	1.10E-04	1.09E-04	9.31E-06	1.71E-05	3.57E-04
606332	4122480	2.01E-04	2.00E-04	1.98E-04	1.43E-05	4.10E-05	6.54E-04	Residence	8.86E-09	2.15E-07	2.37E-07	2.63E-08	0.49	0.00	2.01E-04	2.00E-04	1.98E-04	2.32E-05	3.77E-05	6.59E-04
606352	4122480	1.89E-04	1.88E-04	1.87E-04	1.36E-05	3.98E-05	6.19E-04	Residence	8.39E-09	2.03E-07	2.24E-07	2.49E-08	0.46	0.00	1.89E-04	1.88E-04	1.87E-04	2.21E-05	3.66E-05	6.24E-04
606372	4122480	1.81E-04	1.80E-04	1.79E-04	1.30E-05	3.87E-05	5.92E-04	Residence	8.03E-09	1.95E-07	2.14E-07	2.38E-08	0.44	0.00	1.81E-04	1.80E-04	1.79E-04	2.11E-05	3.56E-05	5.97E-04
606392	4122480	1.73E-04	1.73E-04	1.72E-04	1.24E-05	3.76E-05	5.68E-04	Residence	7.70E-09	1.87E-07	2.06E-07	2.28E-08	0.42	0.00	1.73E-04	1.73E-04	1.72E-04	2.02E-05	3.45E-05	5.73E-04
606412	4122480	1.66E-04	1.66E-04	1.65E-04	1.19E-05	3.65E-05	5.46E-04	Residence	7.40E-09	1.79E-07	1.98E-07	2.19E-08	0.41	0.00	1.66E-04	1.66E-04	1.65E-04	1.93E-05	3.35E-05	5.50E-04
606432	4122480	1.60E-04	1.59E-04	1.59E-04	1.14E-05	3.54E-05	5.25E-04	Residence	7.12E-09	1.72E-07	1.90E-07	2.11E-08	0.39	0.00	1.60E-04	1.59E-04	1.59E-04	1.85E-05	3.25E-05	5.29E-04
606452	4122480	1.52E-04	1.52E-04	1.51E-04	1.09E-05	3.43E-05	5.00E-04	Residence	6.79E-09	1.64E-07	1.81E-07	2.01E-08	0.37	0.00	1.52E-04	1.52E-04	1.51E-04	1.77E-05	3.16E-05	5.04E-04
606472	4122480	1.45E-04	1.45E-04	1.44E-04	1.04E-05	3.32E-05	4.78E-04	Residence	6.48E-09	1.57E-07	1.73E-07	1.92E-08	0.36	0.00	1.45E-04	1.45E-04	1.44E-04	1.69E-05	3.06E-05	4.82E-04
606512	4122480	1.36E-04	1.36E-04	1.35E-04	9.57E-06	3.12E-05	4.48E-04	Residence	6.07E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.36E-04	1.36E-04	1.35E-04	1.56E-05	2.87E-05	4.51E-04
606532	4122480	1.33E-04	1.32E-04	1.32E-04	9.20E-06	3.03E-05	4.36E-04	Residence	5.91E-09	1.43E-07	1.58E-07	1.75E-08	0.32	0.00	1.33E-04	1.32E-04	1.32E-04	1.50E-05	2.79E-05	4.39E-04
606552	4122480	1.30E-04	1.30E-04	1.29E-04	8.86E-06	2.94E-05	4.27E-04	Residence	5.79E-09	1.40E-07	1.55E-07	1.72E-08	0.32	0.00	1.30E-04	1.30E-04	1.29E-04	1.44E-05	2.70E-05	4.30E-04
606572	4122480	1.27E-04	1.27E-04	1.27E-04	8.54E-06	2.85E-05	4.18E-04	Residence	5.67E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.27E-04	1.27E-04	1.27E-04	1.39E-05	2.62E-05	4.21E-04
606592	4122480	1.25E-04	1.24E-04	1.24E-04	8.26E-06	2.76E-05	4.08E-04	Residence	5.54E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.25E-04	1.24E-04	1.24E-04	1.34E-05	2.54E-05	4.11E-04
606612	4122480	1.23E-04	1.23E-04	1.22E-04	8.00E-06	2.68E-05	4.03E-04	Residence	5.47E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	1.23E-04	1.23E-04	1.22E-04	1.30E-05	2.47E-05	4.06E-04
606672	4122480	1.19E-04	1.18E-04	1.18E-04	7.36E-06	2.46E-05	3.87E-04	Residence	5.25E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	1.19E-04	1.18E-04	1.18E-04	1.20E-05	2.26E-05	3.90E-04
606692	4122480	1.17E-04	1.16E-04	1.16E-04	7.17E-06	2.39E-05	3.81E-04	Residence	5.16E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	1.17E-04	1.16E-04	1.16E-04	1.17E-05	2.20E-05	3.83E-04
606712	4122480	1.16E-04	1.16E-04	1.15E-04	7.00E-06	2.33E-05	3.77E-04	Residence	5.11E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	1.14E-05	2.14E-05	3.80E-04
606732	4122480	1.14E-04	1.13E-04	1.13E-04	6.84E-06	2.27E-05	3.70E-04	Residence	5.02E-09	1.21E-07	1.34E-07	1.49E-08	0.28	0.00	1.14E-04	1.13E-04	1.13E-04	1.11E-05	2.08E-05	3.72E-04
606752	4122480	1.13E-04	1.13E-04	1.12E-04	6.69E-06	2.21E-05	3.67E-04	Residence	4.97E-09	1.20E-07	1.33E-07	1.47E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	1.09E-05	2.03E-05	3.69E-04
606772	4122480	1.12E-04	1.11E-04	1.11E-04	6.53E-06	2.15E-05	3.62E-04	Residence	4.91E-09	1.19E-07	1.31E-07	1.45E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	1.06E-05	1.98E-05	3.64E-04
606792	4122480	1.11E-04	1.10E-04	1.10E-04	6.39E-06	2.09E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.11E-04	1.10E-04	1.10E-04	1.04E-05	1.93E-05	3.61E-04
606812	4122480	1.10E-04	1.10E-04	1.09E-04	6.24E-06	2.04E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	1.10E-04	1.10E-04	1.09E-04	1.01E-05	1.88E-05	3.58E-04
606832	4122480	1.10E-04	1.10E-04	1.09E-04	6.11E-06	1.99E-05	3.55E-04	Residence	4.82E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	1.10E-04	1.10E-04	1.09E-04	9.92E-06	1.83E-05	3.58E-04

606852	4122480	1.10E-04	1.09E-04	1.08E-04	5.97E-06	1.94E-05	3.52E-04	Residence	4.77E-09	1.16E-07	1.27E-07	1.41E-08	0.26	0.00	1.10E-04	1.09E-04	1.08E-04	9.70E-06	1.79E-05	3.54E-04
606872	4122480	1.09E-04	1.08E-04	1.08E-04	5.83E-06	1.89E-05	3.50E-04	Residence	4.75E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	1.09E-04	1.08E-04	1.08E-04	9.48E-06	1.74E-05	3.52E-04
606892	4122480	1.08E-04	1.08E-04	1.07E-04	5.70E-06	1.85E-05	3.47E-04	Residence	4.70E-09	1.14E-07	1.26E-07	1.39E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	9.26E-06	1.70E-05	3.49E-04
606912	4122480	1.08E-04	1.07E-04	1.07E-04	5.57E-06	1.80E-05	3.46E-04	Residence	4.69E-09	1.14E-07	1.25E-07	1.39E-08	0.26	0.00	1.08E-04	1.07E-04	1.07E-04	9.04E-06	1.66E-05	3.48E-04
606332	4122500	1.94E-04	1.93E-04	1.92E-04	1.36E-05	3.89E-05	6.31E-04	Residence	8.56E-09	2.07E-07	2.29E-07	2.54E-08	0.47	0.00	1.94E-04	1.93E-04	1.92E-04	2.20E-05	3.57E-05	6.37E-04
606372	4122500	1.77E-04	1.77E-04	1.76E-04	1.24E-05	3.68E-05	5.79E-04	Residence	7.85E-09	1.90E-07	2.10E-07	2.33E-08	0.43	0.00	1.77E-04	1.77E-04	1.76E-04	2.01E-05	3.38E-05	5.84E-04
606392	4122500	1.71E-04	1.70E-04	1.69E-04	1.19E-05	3.58E-05	5.58E-04	Residence	7.57E-09	1.83E-07	2.02E-07	2.24E-08	0.42	0.00	1.71E-04	1.70E-04	1.69E-04	1.93E-05	3.29E-05	5.63E-04
606412	4122500	1.64E-04	1.64E-04	1.63E-04	1.14E-05	3.48E-05	5.37E-04	Residence	7.28E-09	1.76E-07	1.94E-07	2.16E-08	0.40	0.00	1.64E-04	1.64E-04	1.63E-04	1.85E-05	3.20E-05	5.41E-04
606432	4122500	1.58E-04	1.58E-04	1.57E-04	1.09E-05	3.38E-05	5.18E-04	Residence	7.02E-09	1.70E-07	1.87E-07	2.08E-08	0.39	0.00	1.58E-04	1.58E-04	1.57E-04	1.77E-05	3.11E-05	5.22E-04
606472	4122500	1.44E-04	1.43E-04	1.43E-04	1.00E-05	3.18E-05	4.72E-04	Residence	6.39E-09	1.55E-07	1.71E-07	1.90E-08	0.35	0.00	1.44E-04	1.43E-04	1.43E-04	1.63E-05	2.93E-05	4.75E-04
606492	4122500	1.39E-04	1.38E-04	1.38E-04	9.60E-06	3.09E-05	4.55E-04	Residence	6.17E-09	1.50E-07	1.65E-07	1.83E-08	0.34	0.00	1.39E-04	1.38E-04	1.38E-04	1.56E-05	2.84E-05	4.59E-04
606512	4122500	1.36E-04	1.35E-04	1.35E-04	9.22E-06	3.00E-05	4.45E-04	Residence	6.03E-09	1.46E-07	1.61E-07	1.79E-08	0.33	0.00	1.36E-04	1.35E-04	1.35E-04	1.50E-05	2.76E-05	4.48E-04
606532	4122500	1.33E-04	1.33E-04	1.32E-04	8.87E-06	2.91E-05	4.36E-04	Residence	5.91E-09	1.43E-07	1.58E-07	1.75E-08	0.32	0.00	1.33E-04	1.33E-04	1.32E-04	1.44E-05	2.68E-05	4.39E-04
606632	4122500	1.20E-04	1.20E-04	1.19E-04	7.48E-06	2.51E-05	3.92E-04	Residence	5.31E-09	1.29E-07	1.42E-07	1.57E-08	0.29	0.00	1.20E-04	1.20E-04	1.19E-04	1.22E-05	2.31E-05	3.94E-04
606652	4122500	1.18E-04	1.18E-04	1.17E-04	7.27E-06	2.44E-05	3.84E-04	Residence	5.21E-09	1.26E-07	1.39E-07	1.55E-08	0.29	0.00	1.18E-04	1.18E-04	1.17E-04	1.18E-05	2.25E-05	3.87E-04
606672	4122500	1.16E-04	1.16E-04	1.15E-04	7.08E-06	2.37E-05	3.78E-04	Residence	5.12E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	1.15E-05	2.18E-05	3.80E-04
606692	4122500	1.15E-04	1.14E-04	1.14E-04	6.91E-06	2.31E-05	3.72E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.15E-04	1.14E-04	1.14E-04	1.12E-05	2.13E-05	3.75E-04
606712	4122500	1.13E-04	1.13E-04	1.12E-04	6.74E-06	2.25E-05	3.67E-04	Residence	4.98E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	1.10E-05	2.07E-05	3.69E-04
606732	4122500	1.12E-04	1.11E-04	1.11E-04	6.59E-06	2.19E-05	3.63E-04	Residence	4.92E-09	1.19E-07	1.31E-07	1.46E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	1.07E-05	2.02E-05	3.65E-04
606752	4122500	1.10E-04	1.10E-04	1.09E-04	6.44E-06	2.13E-05	3.57E-04	Residence	4.85E-09	1.17E-07	1.29E-07	1.44E-08	0.27	0.00	1.10E-04	1.10E-04	1.09E-04	1.05E-05	1.96E-05	3.60E-04
606772	4122500	1.10E-04	1.09E-04	1.09E-04	6.30E-06	2.08E-05	3.55E-04	Residence	4.81E-09	1.16E-07	1.28E-07	1.43E-08	0.26	0.00	1.10E-04	1.09E-04	1.09E-04	1.02E-05	1.91E-05	3.57E-04
606792	4122500	1.10E-04	1.09E-04	1.08E-04	6.17E-06	2.03E-05	3.53E-04	Residence	4.79E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.10E-04	1.09E-04	1.08E-04	1.00E-05	1.87E-05	3.56E-04
606812	4122500	1.08E-04	1.08E-04	1.07E-04	6.03E-06	1.98E-05	3.49E-04	Residence	4.73E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	9.80E-06	1.82E-05	3.51E-04
606832	4122500	1.08E-04	1.07E-04	1.07E-04	5.90E-06	1.93E-05	3.47E-04	Residence	4.71E-09	1.14E-07	1.26E-07	1.39E-08	0.26	0.00	1.08E-04	1.07E-04	1.07E-04	9.59E-06	1.78E-05	3.49E-04
606852	4122500	1.08E-04	1.07E-04	1.06E-04	5.78E-06	1.89E-05	3.46E-04	Residence	4.69E-09	1.14E-07	1.25E-07	1.39E-08	0.26	0.00	1.08E-04	1.07E-04	1.06E-04	9.39E-06	1.73E-05	3.48E-04
606872	4122500	1.07E-04	1.06E-04	1.05E-04	5.65E-06	1.84E-05	3.42E-04	Residence	4.64E-09	1.12E-07	1.24E-07	1.37E-08	0.25	0.00	1.07E-04	1.06E-04	1.05E-04	9.18E-06	1.69E-05	3.44E-04
606892	4122500	1.06E-04	1.05E-04	1.04E-04	5.52E-06	1.80E-05	3.38E-04	Residence	4.59E-09	1.11E-07	1.23E-07	1.36E-08	0.25	0.00	1.06E-04	1.05E-04	1.04E-04	8.98E-06	1.65E-05	3.41E-04
606912	4122500	1.06E-04	1.05E-04	1.04E-04	5.40E-06	1.75E-05	3.37E-04	Residence	4.58E-09	1.11E-07	1.22E-07	1.36E-08	0.25	0.00	1.06E-04	1.05E-04	1.04E-04	8.78E-06	1.61E-05	3.39E-04
606272	4122520	2.17E-04	2.16E-04	2.14E-04	1.48E-05	3.98E-05	7.02E-04	Residence	9.52E-09	2.31E-07	2.54E-07	2.82E-08	0.52	0.00	2.17E-04	2.16E-04	2.14E-04	2.41E-05	3.67E-05	7.08E-04
606292	4122520	2.06E-04	2.05E-04	2.04E-04	1.42E-05	3.89E-05	6.68E-04	Residence	9.06E-09	2.19E-07	2.42E-07	2.68E-08	0.50	0.00	2.06E-04	2.05E-04	2.04E-04	2.30E-05	3.57E-05	6.74E-04
606392	4122520	1.68E-04	1.67E-04	1.66E-04	1.13E-05	3.41E-05	5.46E-04	Residence	7.41E-09	1.79E-07	1.98E-07	2.20E-08	0.41	0.00	1.68E-04	1.67E-04	1.66E-04	1.84E-05	3.14E-05	5.51E-04
606412	4122520	1.61E-04	1.61E-04	1.60E-04	1.09E-05	3.32E-05	5.27E-04	Residence	7.14E-09	1.73E-07	1.91E-07	2.12E-08	0.39	0.00	1.61E-04	1.61E-04	1.60E-04	1.77E-05	3.05E-05	5.31E-04
606432	4122520	1.56E-04	1.55E-04	1.54E-04	1.04E-05	3.23E-05	5.08E-04	Residence	6.89E-09	1.67E-07	1.84E-07	2.04E-08	0.38	0.00	1.56E-04	1.55E-04	1.54E-04	1.70E-05	2.97E-05	5.12E-04
606472	4122520	1.43E-04	1.43E-04	1.42E-04	9.62E-06	3.05E-05	4.68E-04	Residence	6.35E-09	1.54E-07	1.69E-07	1.88E-08	0.35	0.00	1.43E-04	1.43E-04	1.42E-04	1.56E-05	2.81E-05	4.72E-04
606552	4122520	1.29E-04	1.28E-04	1.28E-04	8.24E-06	2.72E-05	4.20E-04	Residence	5.70E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	1.29E-04	1.28E-04	1.28E-04	1.34E-05	2.50E-05	4.23E-04
606572	4122520	1.26E-04	1.25E-04	1.25E-04	7.95E-06	2.64E-05	4.10E-04	Residence	5.56E-09	1.35E-07	1.48E-07	1.65E-08	0.31	0.00	1.26E-04	1.25E-04	1.25E-04	1.29E-05	2.43E-05	4.13E-04
606592	4122520	1.23E-04	1.23E-04	1.22E-04	7.68E-06	2.56E-05	4.01E-04	Residence	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.23E-04	1.23E-04	1.22E-04	1.25E-05	2.36E-05	4.04E-04
606612	4122520	1.21E-04	1.20E-04	1.20E-04	7.44E-06	2.49E-05	3.93E-04	Residence	5.33E-09	1.29E-07	1.42E-07	1.58E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.21E-05	2.29E-05	3.96E-04
606632	4122520	1.19E-04	1.18E-04	1.18E-04	7.21E-06	2.42E-05	3.86E-04	Residence	5.23E-09	1.27E-07	1.40E-07	1.55E-08	0.29	0.00	1.19E-04	1.18E-04	1.18E-04	1.17E-05	2.23E-05	3.89E-04
606652	4122520	1.17E-04	1.16E-04	1.16E-04	7.01E-06	2.36E-05	3.79E-04	Residence	5.14E-09	1.25E-07	1.37E-07	1.52E-08	0.28	0.00	1.17E-04	1.16E-04	1.16E-04	1.14E-05	2.17E-05	3.82E-04
606672	4122520	1.14E-04	1.13E-04	1.13E-04	6.82E-06	2.29E-05	3.70E-04	Residence	5.02E-09	1.21E-07	1.34E-07	1.49E-08	0.28	0.00	1.14E-04	1.13E-04	1.13E-04	1.11E-05	2.11E-05	3.72E-04
606692	4122520	1.12E-04	1.11E-04	1.11E-04	6.65E-06	2.23E-05	3.63E-04	Residence	4.93E-09	1.19E-07	1.31E-07	1.46E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	1.08E-05	2.05E-05	3.66E-04
606712	4122520	1.11E-04	1.10E-04	1.10E-04	6.50E-06	2.17E-05	3.60E-04	Residence	4.88E-09	1.18E-07	1.30E-07	1.45E-08	0.27	0.00	1.11E-04	1.10E-04	1.10E-04	1.06E-05	2.00E-05	3.62E-04
606732	4122520	1.11E-04	1.10E-04	1.10E-04	6.35E-06	2.12E-05	3.58E-04	Residence	4.85E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.11E-04	1.10E-04	1.10E-04	1.03E-05	1.95E-05	3.60E-04
606752	4122520	1.09E-04	1.08E-04	1.08E-04	6.21E-06	2.07E-05	3.52E-04	Residence	4.77E-09	1.16E-07	1.27E-07	1.41E-08	0.26	0.00	1.09E-04	1.08E-04	1.08E-04	1.01E-05	1.90E-05	3.54E-04
606772	4122520	1.08E-04	1.08E-04	1.07E-04	6.08E-06	2.02E-05	3.50E-04	Residence	4.74E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	9.89E-06	1.85E-05	3.52E-04
606792	4122520	1.08E-04	1.07E-04	1.07E-04	5.96E-06	1.97E-05	3.48E-04	Residence	4.71E-09	1.14E-07	1.26E-07	1.40E-08	0.26	0.00	1.08E-04	1.07E-04	1.07E-04	9.68E-06	1.81E-05	3.50E-04
606812	4122520	1.07E-04	1.07E-04	1.06E-04	5.83E-06	1.92E-05	3.45E-04	Residence	4.68E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	1.07E-04	1.07E-04	1.06E-04	9.48E-06	1.77E-05	3.47E-04
606832	4122520	1.06E-04	1.05E-04	1.05E-04	5.71E-06	1.87E-05	3.40E-04	Residence	4.61E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	1.06E-04	1.05E-04	1.05E-04	9.28E-06	1.72E-05	3.42E-04
606852	4122520	1.05E-04	1.05E-04	1.04E-04	5.59E-06	1.83E-05	3.38E-04	Residence	4.58E-09	1.11E-07	1.22E-07	1.36E-08	0.25	0.00	1.05E-04	1.05E-04	1.04E-04	9.09E-06	1.68E-05	3.40E-04
606872	4122520	1.04E-04	1.03E-04	1.03E-04	5.47E-06	1.79E-05	3.34E-04	Residence	4.53E-09	1.10E-07	1.21E-07	1.34E-08	0.25	0.00	1.04E-04	1.03E-04	1.03E-04	8.89E-06	1.64E-05	3.36E-04
606892	4122520	1.03E-04	1.02E-04	1.02E-04	5.36E-06	1.75E-05	3.30E-04	Residence	4.48E-09	1.08E-07	1.20E-07	1.33E-08	0.25	0.00	1.03E-04	1.02E-04	1.02E-04	8.70E-06	1.61E-05	3.32E-04
606272	4122540	2.10E-04	2.08E-04	2.07E-04	1.41E-05	3.78E-05	6.76E-04	Residence	9.17E-09	2.22E-07	2.45E-07	2.72E-08	0.50	0.00	2.10E-04	2.08E-04	2.07E-04	2.29E-05	3.48E-05	6.82E-04
606292	4122540	2.01E-04	2.00E-04	1.99E-04	1.35E-05	3.69E-05	6.50E-04	Residence	8.82E-09	2.14E-07	2.35E-07	2.61E-08	0.48	0.00	2.01E-04	2.00E-04	1.99E-04	2.19E-05	3.40E-05	6.56E-04
606312	4122540	1.94E-04	1.93E-04	1.92E-04	1.29E-05	3.60E-05	6.28E-04	Residence	8.52E-09	2.06E-07	2.27E-07	2.52E-08	0.47	0.00	1.94E-04	1.93E-04	1.92E-04	2.10E-05	3.32E-05	6.33E-04
606332	4122540	1.87E-04	1.86E-04	1.85E-04	1.23E-05	3.52E-05	6.07E-04	Residence	8.23E-09	1.99E-07	2.20E-07	2.44E-08	0.45	0.00	1.87E-04	1.86E-04	1.85E-04	2.01E-05	3.24E-05	6.11E-04
606352	4122540	1.78E-04	1.78E-04	1.77E-04	1.18E-05	3.43E-05	5.79E-04	Residence	7.85E-09	1.90E-07	2.09E-07	2.33E-08	0.43	0.00	1.78E-04	1.78E-04	1.77E-04	1.92E-05	3.15E-05	5.83E-04
606372	4122540	1.71E-04	1.71E-04	1.70E-04	1.13E-05	3.34E-05	5.57E-04	Residence	7.55E-09	1.83E-07	2.01E-07	2.24E-08	0.41	0.00	1.71E-04	1.71E-04	1.70E-04	1.84E-05	3.08E-05	5.61E-04
606392	4122540	1.65E-04	1.64E-04	1.64E-04	1.09E-05	3.26E-05	5.37E-04	Residence	7.28E-09	1.76E-07	1.94E-07	2.16E-08	0.40	0.00	1.65E-04	1.64E-04	1.64E-04	1.77E-05	3.00E-05	5.41E-04
606412	4122540	1.59E-04	1.59E-04	1.58E-04	1.04E-05	3.17E-05	5.18E-04	Residence	7.02E-09	1.70E-07	1.87E-07	2.08E-08	0.39	0.00	1.59E-04	1.59E-04	1.58E-04	1.70E-05	2.92E-05	5.22E-04
606432	4122540	1.53E-04	1.53E-04	1.52E-04	1.00E-05	3.09E-05	4.99E-04	Residence	6.76E-09	1.64E-07	1.81E-07	2.00E-08	0.37	0.00	1.53E-04	1.53E-04	1.52E-04	1.63E-05	2.84E-05	5.03E-04
606492	4122540	1.38E-04	1.38E-04	1.37E-04	8.92E-06	2.85E-05	4.51E-04	Residence	6.12E-09	1.48E-07	1.63E-07	1.81E-08	0.34	0.00	1.38E-04	1.38E-04	1.37E-04	1.45E-05	2.62E-05	4.55E-04
606512	4122540	1.34E-04	1.33E-04	1.33E-04	8.58E-06	2.77E-05	4.36E-04	Residence	5.91E-09	1.43E-07	1.58E-07	1.75E-08	0.32	0.00	1.34E-04	1.33E-04	1.33E-04	1.39E-05	2.54E-05	4.39E-04
606532	4122540	1.30E-04	1.30E-04	1.29E-04	8.26E-06	2.69E-05	4.24E-04	Residence	5.76E-09	1.39E-07	1.54E-07	1.71E-08	0.32	0.00	1.30E-04	1.30E-04	1.29E-04	1.34E-05	2.47E-05	4.27E-04
606552	4122540	1.27E-04	1.26E-04	1.26E-04	7.96E-06	2.61E-05	4.13E-04	Residence	5.60E-09	1.36E-07	1.49E-07	1.66E-08	0.31	0.00	1.27E-04	1.26E-04	1.26E-04	1.29E-05	2.41E-05	4.16E-04
606572	4122540	1.24E-04	1.24E-04	1.23E-04	7.68E-06	2.54E-05	4.04E-04	Residence	5.48E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	1.24E-04	1.24E-04	1.23E-04	1.25E-05	2.34E-05	4.07E-04
606592	4122540	1.21E-04	1.21E-04	1.21E-04	7.42E-06	2.47E-05	3.95E-04	Residence	5.36E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.21E-04	1.21E-04	1.21E-04	1.21E-05	2.27E-05	3.98E-04
606612	4122540	1.18E-04	1.18E-04	1.17E-04	7.18E-06	2.40E-05	3.84E-04	Residence	5.21E-09	1.26E-07	1.39E-07	1.54E-08	0.29	0.00	1.18E-04	1.18E-04	1.17E-04	1.17E-05	2.21E-05	3.87E-04
606632	4122540	1.17E-04	1.17E-04	1.16E-04	6.97E-06	2.34E-05	3.81E-04	Residence	5.16E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	1.17E-04	1.17E-04	1.16E-04	1.13E-05	2.15E-05	3.83E-04
606652	4122540	1.15E-04	1.14E-04	1.14E-04	6.77E-06	2.28E-05	3.72E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.15E-04	1.14E-04	1.14E-04	1.10E-05	2.09E-05	3.75E-04
606672	4122540	1.13E-04	1.12E-04	1.12E-04	6.59E-06	2.22E-05	3.66E-04	Residence	4.96E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	1.13E-04	1.12E-04	1.12E-04	1.07E-05	2.04E-05	3.68E-04
606692	4122540	1.11E-04	1.10E-04	1.10E-04	6.42E-06	2.16E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.11E-04	1.10E-04	1.10E-04	1.04E-05	1.99E-05	3.62E-04
606712	4122540	1.09E-04	1.09E-04	1.09E-04	6.27E-06	2.10E-05	3.54E-04	Residence	4.81E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.09E-04	1.09E-04	1.09E-04	1.02E-05	1.94E-05	3.57E-04
606732	4122540	1.09E-04	1.09E-04	1.08E-04	6.13E-06	2.05E-05	3.53E-04	Residence	4.78E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.09E-04	1.09E-04	1.08E-04	9.97E-06	1.89E-05	3.55E-04
606752	4122540	1.08E-04	1.07E-04	1.07E-04	6.00E-06	2.00E-05	3.48E-04	Residence	4.72E-09	1.14E-07	1.26E-07	1.40E-08	0.26	0.00	1.08E-04	1.07E-04	1.07E-04	9.75E-06	1.84E-05	3.50E-04
606772	4122540	1.07E-04	1.06E-04	1.06E-04	5.87E-06	1.95E-05	3.44E-04	Residence	4.66E-09	1.13E-07	1.24E-07	1.38E-08	0.26	0.00	1.07E-04	1.06E-04	1.06E-04	9.55E-06	1.80E-05	3.46E-04
606792	4122540	1.05E-04	1.05E-04	1.04E-04	5.75E-06	1.91E-05	3.39E-04	Residence	4.60E-09	1.12E-07	1.23E-07	1.36E-08	0.25	0.00	1.05E-04	1.05E-04	1.04E-04	9.35E-06	1.75E-05	3.42E-04
606812	4122540	1.05E-04	1.04E-04	1.04E-04	5.64E-06	1.86E-05	3.37E-04	Residence	4.57E-09	1.11E-07	1.22E-07	1.36E-08	0.25	0.00	1.05E-04	1.04E-04	1.04E-04	9.16E-06	1.71E-05	3.39E-04
606832	4122540	1.03E-04	1.03E-04	1.02E-04	5.52E-06	1.82E-05	3.32E-04	Residence	4.51E-09	1.09E-07	1.20E-07	1.34E-08	0.25	0.00	1.03E-04	1.03E-04	1.02E-04	8.98E-06	1.67E-05	3.34E-04
606852	4122540	1.03E-04	1.02E-04	1.02E-04	5.41E-06	1.78E-05	3.30E-04	Residence	4.47E-09	1.08E-07	1.19E-07	1.32E-08	0.25	0.00	1.03E-04	1.02E-04	1.02E-04	8.80E-06	1.63E-05	3.32E-04
606872	4122540	1.02E-04	1.01E-04	1.01E-04	5.30E-06	1.74E-05	3.27E-04	Residence	4.44E-09	1.07E-07	1.18E-07	1.32E-08	0.24	0.00	1.02E-04	1.01E-04	1.01E-04	8.62E-06	1.60E-05	3.29E-04
606892	4122540	1.01E-04	1.01E-04	1.00E-04	5.20E-06	1.70E-05	3.24E-04	Residence	4.40E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	1.01E-04	1.01E-04	1.00E-04	8.44E-06	1.56E-05	3.26E-04
605632	4122560	4.06E-04	4.02E-04	3.99E-04	2.61E-05	5.32E-05	1.29E-03	Residence	1.74E-08	4.23E-07	4.66E-07	5.17E-08	0.96	0.00	4.06E-04	4.02E-04	3.99E-04	4.24E-05	4.90E-05	1.30E-03

605652	4122560	4.08E-04	4.04E-04	4.01E-04	2.63E-05	5.35E-05	1.29E-03	Residence	1.75E-08	4.25E-07	4.68E-07	5.20E-08	0.96	0.00	4.08E-04	4.04E-04	4.01E-04	4.27E-05	4.93E-05	1.31E-03
605672	4122560	4.09E-04	4.06E-04	4.02E-04	2.64E-05	5.38E-05	1.30E-03	Residence	1.76E-08	4.26E-07	4.70E-07	5.22E-08	0.97	0.00	4.09E-04	4.06E-04	4.02E-04	4.29E-05	4.95E-05	1.31E-03
605692	4122560	4.10E-04	4.06E-04	4.03E-04	2.64E-05	5.39E-05	1.30E-03	Residence	1.76E-08	4.27E-07	4.70E-07	5.22E-08	0.97	0.00	4.10E-04	4.06E-04	4.03E-04	4.29E-05	4.95E-05	1.31E-03
605712	4122560	4.10E-04	4.06E-04	4.02E-04	2.64E-05	5.38E-05	1.30E-03	Residence	1.76E-08	4.26E-07	4.70E-07	5.22E-08	0.97	0.00	4.10E-04	4.06E-04	4.02E-04	4.29E-05	4.95E-05	1.31E-03
605732	4122560	4.09E-04	4.05E-04	4.01E-04	2.63E-05	5.37E-05	1.29E-03	Residence	1.76E-08	4.25E-07	4.69E-07	5.20E-08	0.96	0.00	4.09E-04	4.05E-04	4.01E-04	4.28E-05	4.94E-05	1.31E-03
605752	4122560	4.07E-04	4.03E-04	3.98E-04	2.62E-05	5.34E-05	1.29E-03	Residence	1.75E-08	4.23E-07	4.66E-07	5.18E-08	0.96	0.00	4.07E-04	4.03E-04	3.98E-04	4.25E-05	4.91E-05	1.30E-03
605772	4122560	4.04E-04	4.00E-04	3.95E-04	2.59E-05	5.30E-05	1.28E-03	Residence	1.73E-08	4.20E-07	4.63E-07	5.14E-08	0.95	0.00	4.04E-04	4.00E-04	3.95E-04	4.21E-05	4.88E-05	1.29E-03
605792	4122560	4.01E-04	3.96E-04	3.92E-04	2.56E-05	5.25E-05	1.27E-03	Residence	1.72E-08	4.16E-07	4.58E-07	5.09E-08	0.94	0.00	4.01E-04	3.96E-04	3.92E-04	4.16E-05	4.83E-05	1.28E-03
605812	4122560	3.96E-04	3.91E-04	3.87E-04	2.52E-05	5.20E-05	1.25E-03	Residence	1.70E-08	4.11E-07	4.53E-07	5.03E-08	0.93	0.00	3.96E-04	3.91E-04	3.87E-04	4.10E-05	4.78E-05	1.26E-03
605832	4122560	3.91E-04	3.86E-04	3.81E-04	2.48E-05	5.13E-05	1.23E-03	Residence	1.67E-08	4.05E-07	4.47E-07	4.96E-08	0.92	0.00	3.91E-04	3.86E-04	3.81E-04	4.03E-05	4.72E-05	1.25E-03
605852	4122560	3.84E-04	3.80E-04	3.75E-04	2.43E-05	5.06E-05	1.21E-03	Residence	1.65E-08	3.99E-07	4.40E-07	4.88E-08	0.90	0.00	3.84E-04	3.80E-04	3.75E-04	3.95E-05	4.65E-05	1.23E-03
606292	4122560	1.98E-04	1.96E-04	1.95E-04	1.29E-05	3.51E-05	6.37E-04	Residence	8.64E-09	2.09E-07	2.31E-07	2.56E-08	0.47	0.00	1.98E-04	1.96E-04	1.95E-04	2.09E-05	3.23E-05	6.42E-04
606312	4122560	1.90E-04	1.89E-04	1.88E-04	1.23E-05	3.43E-05	6.13E-04	Residence	8.32E-09	2.01E-07	2.22E-07	2.47E-08	0.46	0.00	1.90E-04	1.89E-04	1.88E-04	2.00E-05	3.16E-05	6.18E-04
606332	4122560	1.83E-04	1.82E-04	1.81E-04	1.18E-05	3.35E-05	5.92E-04	Residence	8.02E-09	1.94E-07	2.14E-07	2.38E-08	0.44	0.00	1.83E-04	1.82E-04	1.81E-04	1.92E-05	3.09E-05	5.96E-04
606352	4122560	1.76E-04	1.75E-04	1.74E-04	1.13E-05	3.27E-05	5.69E-04	Residence	7.72E-09	1.87E-07	2.06E-07	2.29E-08	0.42	0.00	1.76E-04	1.75E-04	1.74E-04	1.84E-05	3.01E-05	5.73E-04
606492	4122560	1.36E-04	1.36E-04	1.35E-04	8.60E-06	2.73E-05	4.43E-04	Residence	6.01E-09	1.46E-07	1.60E-07	1.78E-08	0.33	0.00	1.36E-04	1.36E-04	1.35E-04	1.40E-05	2.51E-05	4.46E-04
606512	4122560	1.32E-04	1.31E-04	1.31E-04	8.28E-06	2.66E-05	4.29E-04	Residence	5.82E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.32E-04	1.31E-04	1.31E-04	1.35E-05	2.45E-05	4.32E-04
606532	4122560	1.29E-04	1.28E-04	1.28E-04	7.98E-06	2.59E-05	4.19E-04	Residence	5.68E-09	1.38E-07	1.52E-07	1.68E-08	0.31	0.00	1.29E-04	1.28E-04	1.28E-04	1.30E-05	2.38E-05	4.22E-04
606552	4122560	1.25E-04	1.24E-04	1.24E-04	7.69E-06	2.52E-05	4.06E-04	Residence	5.51E-09	1.33E-07	1.47E-07	1.63E-08	0.30	0.00	1.25E-04	1.24E-04	1.24E-04	1.25E-05	2.32E-05	4.09E-04
606572	4122560	1.22E-04	1.21E-04	1.21E-04	7.42E-06	2.45E-05	3.95E-04	Residence	5.36E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.22E-04	1.21E-04	1.21E-04	1.21E-05	2.25E-05	3.98E-04
606592	4122560	1.19E-04	1.19E-04	1.18E-04	7.18E-06	2.38E-05	3.87E-04	Residence	5.25E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	1.19E-04	1.19E-04	1.18E-04	1.17E-05	2.19E-05	3.90E-04
606612	4122560	1.16E-04	1.16E-04	1.16E-04	6.95E-06	2.32E-05	3.78E-04	Residence	5.13E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.16E-04	1.16E-04	1.16E-04	1.13E-05	2.13E-05	3.81E-04
606632	4122560	1.16E-04	1.15E-04	1.15E-04	6.74E-06	2.26E-05	3.75E-04	Residence	5.08E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.16E-04	1.15E-04	1.15E-04	1.09E-05	2.08E-05	3.77E-04
606652	4122560	1.13E-04	1.13E-04	1.12E-04	6.54E-06	2.20E-05	3.66E-04	Residence	4.97E-09	1.20E-07	1.33E-07	1.47E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	1.06E-05	2.02E-05	3.69E-04
606672	4122560	1.11E-04	1.11E-04	1.11E-04	6.37E-06	2.14E-05	3.61E-04	Residence	4.89E-09	1.19E-07	1.31E-07	1.45E-08	0.27	0.00	1.11E-04	1.11E-04	1.11E-04	1.03E-05	1.97E-05	3.63E-04
606692	4122560	1.10E-04	1.09E-04	1.09E-04	6.21E-06	2.09E-05	3.55E-04	Residence	4.81E-09	1.17E-07	1.28E-07	1.43E-08	0.26	0.00	1.10E-04	1.09E-04	1.09E-04	1.01E-05	1.92E-05	3.57E-04
606712	4122560	1.08E-04	1.08E-04	1.07E-04	6.06E-06	2.04E-05	3.50E-04	Residence	4.75E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	9.85E-06	1.87E-05	3.52E-04
606732	4122560	1.07E-04	1.06E-04	1.06E-04	5.92E-06	1.99E-05	3.44E-04	Residence	4.67E-09	1.13E-07	1.25E-07	1.38E-08	0.26	0.00	1.07E-04	1.06E-04	1.06E-04	9.62E-06	1.83E-05	3.46E-04
606752	4122560	1.05E-04	1.05E-04	1.04E-04	5.80E-06	1.94E-05	3.40E-04	Residence	4.61E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	1.05E-04	1.05E-04	1.04E-04	9.42E-06	1.78E-05	3.42E-04
606772	4122560	1.04E-04	1.04E-04	1.03E-04	5.68E-06	1.89E-05	3.36E-04	Residence	4.56E-09	1.10E-07	1.22E-07	1.35E-08	0.25	0.00	1.04E-04	1.04E-04	1.03E-04	9.22E-06	1.74E-05	3.38E-04
606792	4122560	1.03E-04	1.02E-04	1.02E-04	5.56E-06	1.85E-05	3.31E-04	Residence	4.49E-09	1.09E-07	1.20E-07	1.33E-08	0.25	0.00	1.03E-04	1.02E-04	1.02E-04	9.04E-06	1.70E-05	3.33E-04
606812	4122560	1.02E-04	1.02E-04	1.01E-04	5.45E-06	1.81E-05	3.29E-04	Residence	4.46E-09	1.08E-07	1.19E-07	1.32E-08	0.24	0.00	1.02E-04	1.02E-04	1.01E-04	8.86E-06	1.66E-05	3.31E-04
606832	4122560	1.02E-04	1.01E-04	1.01E-04	5.35E-06	1.77E-05	3.26E-04	Residence	4.42E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	1.02E-04	1.01E-04	1.01E-04	8.69E-06	1.62E-05	3.28E-04
606852	4122560	1.01E-04	1.00E-04	9.95E-05	5.24E-06	1.73E-05	3.23E-04	Residence	4.37E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	1.01E-04	1.00E-04	9.95E-05	8.52E-06	1.59E-05	3.24E-04
606872	4122560	1.00E-04	9.94E-05	9.88E-05	5.14E-06	1.69E-05	3.20E-04	Residence	4.34E-09	1.05E-07	1.16E-07	1.29E-08	0.24	0.00	1.00E-04	9.94E-05	9.88E-05	8.35E-06	1.55E-05	3.22E-04
605632	4122580	3.94E-04	3.91E-04	3.87E-04	2.49E-05	5.09E-05	1.25E-03	Residence	1.69E-08	4.10E-07	4.52E-07	5.02E-08	0.93	0.00	3.94E-04	3.91E-04	3.87E-04	4.05E-05	4.68E-05	1.26E-03
605652	4122580	3.96E-04	3.92E-04	3.89E-04	2.50E-05	5.11E-05	1.25E-03	Residence	1.70E-08	4.12E-07	4.54E-07	5.04E-08	0.93	0.00	3.96E-04	3.92E-04	3.89E-04	4.07E-05	4.70E-05	1.26E-03
605672	4122580	3.98E-04	3.94E-04	3.90E-04	2.51E-05	5.12E-05	1.26E-03	Residence	1.71E-08	4.13E-07	4.55E-07	5.06E-08	0.94	0.00	3.98E-04	3.94E-04	3.90E-04	4.08E-05	4.71E-05	1.27E-03
605692	4122580	3.97E-04	3.93E-04	3.89E-04	2.51E-05	5.12E-05	1.26E-03	Residence	1.70E-08	4.12E-07	4.54E-07	5.04E-08	0.93	0.00	3.97E-04	3.93E-04	3.89E-04	4.08E-05	4.71E-05	1.27E-03
605712	4122580	3.97E-04	3.92E-04	3.88E-04	2.50E-05	5.11E-05	1.25E-03	Residence	1.70E-08	4.12E-07	4.54E-07	5.04E-08	0.93	0.00	3.97E-04	3.92E-04	3.88E-04	4.07E-05	4.70E-05	1.27E-03
605732	4122580	3.95E-04	3.91E-04	3.86E-04	2.49E-05	5.09E-05	1.25E-03	Residence	1.69E-08	4.10E-07	4.52E-07	5.01E-08	0.93	0.00	3.95E-04	3.91E-04	3.86E-04	4.05E-05	4.68E-05	1.26E-03
605752	4122580	3.93E-04	3.88E-04	3.84E-04	2.47E-05	5.05E-05	1.24E-03	Residence	1.68E-08	4.07E-07	4.49E-07	4.98E-08	0.92	0.00	3.93E-04	3.88E-04	3.84E-04	4.01E-05	4.65E-05	1.25E-03
605772	4122580	3.90E-04	3.86E-04	3.81E-04	2.44E-05	5.01E-05	1.23E-03	Residence	1.67E-08	4.05E-07	4.46E-07	4.95E-08	0.92	0.00	3.90E-04	3.86E-04	3.81E-04	3.97E-05	4.61E-05	1.24E-03
605792	4122580	3.86E-04	3.82E-04	3.77E-04	2.41E-05	4.96E-05	1.22E-03	Residence	1.65E-08	4.00E-07	4.41E-07	4.90E-08	0.91	0.00	3.86E-04	3.82E-04	3.77E-04	3.92E-05	4.56E-05	1.23E-03
605812	4122580	3.81E-04	3.77E-04	3.73E-04	2.37E-05	4.90E-05	1.20E-03	Residence	1.63E-08	3.95E-07	4.36E-07	4.84E-08	0.90	0.00	3.81E-04	3.77E-04	3.73E-04	3.86E-05	4.51E-05	1.21E-03
605832	4122580	3.76E-04	3.71E-04	3.67E-04	2.33E-05	4.84E-05	1.19E-03	Residence	1.61E-08	3.90E-07	4.29E-07	4.77E-08	0.88	0.00	3.76E-04	3.71E-04	3.67E-04	3.79E-05	4.45E-05	1.20E-03
605852	4122580	3.70E-04	3.65E-04	3.61E-04	2.29E-05	4.77E-05	1.17E-03	Residence	1.58E-08	3.83E-07	4.22E-07	4.69E-08	0.87	0.00	3.70E-04	3.65E-04	3.61E-04	3.72E-05	4.39E-05	1.18E-03
605872	4122580	3.63E-04	3.58E-04	3.54E-04	2.24E-05	4.70E-05	1.14E-03	Residence	1.55E-08	3.76E-07	4.14E-07	4.60E-08	0.85	0.00	3.63E-04	3.58E-04	3.54E-04	3.64E-05	4.32E-05	1.15E-03
605892	4122580	3.56E-04	3.51E-04	3.47E-04	2.20E-05	4.63E-05	1.12E-03	Residence	1.52E-08	3.68E-07	4.06E-07	4.51E-08	0.83	0.00	3.56E-04	3.51E-04	3.47E-04	3.57E-05	4.26E-05	1.13E-03
605912	4122580	3.48E-04	3.43E-04	3.39E-04	2.15E-05	4.56E-05	1.10E-03	Residence	1.49E-08	3.61E-07	3.97E-07	4.41E-08	0.82	0.00	3.48E-04	3.43E-04	3.39E-04	3.50E-05	4.19E-05	1.11E-03
605932	4122580	3.40E-04	3.35E-04	3.31E-04	2.11E-05	4.49E-05	1.07E-03	Residence	1.45E-08	3.52E-07	3.88E-07	4.31E-08	0.80	0.00	3.40E-04	3.35E-04	3.31E-04	3.43E-05	4.13E-05	1.08E-03
606252	4122580	2.07E-04	2.06E-04	2.04E-04	1.34E-05	3.50E-05	6.65E-04	Residence	9.02E-09	2.18E-07	2.41E-07	2.67E-08	0.50	0.00	2.07E-04	2.06E-04	2.04E-04	2.17E-05	3.22E-05	6.71E-04
606272	4122580	2.00E-04	1.98E-04	1.97E-04	1.28E-05	3.42E-05	6.42E-04	Residence	8.70E-09	2.11E-07	2.32E-07	2.58E-08	0.48	0.00	2.00E-04	1.98E-04	1.97E-04	2.08E-05	3.15E-05	6.47E-04
606292	4122580	1.93E-04	1.91E-04	1.90E-04	1.23E-05	3.35E-05	6.20E-04	Residence	8.40E-09	2.04E-07	2.24E-07	2.49E-08	0.46	0.00	1.93E-04	1.91E-04	1.90E-04	1.99E-05	3.08E-05	6.25E-04
606312	4122580	1.85E-04	1.84E-04	1.83E-04	1.18E-05	3.27E-05	5.97E-04	Residence	8.10E-09	1.96E-07	2.16E-07	2.40E-08	0.44	0.00	1.85E-04	1.84E-04	1.83E-04	1.91E-05	3.01E-05	6.02E-04
606472	4122580	1.39E-04	1.38E-04	1.37E-04	8.60E-06	2.70E-05	4.50E-04	Residence	6.10E-09	1.48E-07	1.63E-07	1.81E-08	0.33	0.00	1.39E-04	1.38E-04	1.37E-04	1.40E-05	2.48E-05	4.53E-04
606492	4122580	1.34E-04	1.33E-04	1.33E-04	8.29E-06	2.63E-05	4.35E-04	Residence	5.90E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.34E-04	1.33E-04	1.33E-04	1.35E-05	2.42E-05	4.38E-04
606512	4122580	1.29E-04	1.29E-04	1.28E-04	7.99E-06	2.56E-05	4.20E-04	Residence	5.70E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	1.29E-04	1.29E-04	1.28E-04	1.30E-05	2.35E-05	4.23E-04
606532	4122580	1.27E-04	1.27E-04	1.26E-04	7.71E-06	2.49E-05	4.13E-04	Residence	5.60E-09	1.36E-07	1.50E-07	1.66E-08	0.31	0.00	1.27E-04	1.27E-04	1.26E-04	1.25E-05	2.29E-05	4.16E-04
606552	4122580	1.23E-04	1.22E-04	1.22E-04	7.44E-06	2.43E-05	3.98E-04	Residence	5.40E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.23E-04	1.22E-04	1.22E-04	1.21E-05	2.23E-05	4.01E-04
606572	4122580	1.20E-04	1.19E-04	1.19E-04	7.19E-06	2.36E-05	3.89E-04	Residence	5.27E-09	1.28E-07	1.41E-07	1.56E-08	0.29	0.00	1.20E-04	1.19E-04	1.19E-04	1.17E-05	2.17E-05	3.91E-04
606592	4122580	1.17E-04	1.17E-04	1.16E-04	6.95E-06	2.30E-05	3.80E-04	Residence	5.16E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	1.17E-04	1.17E-04	1.16E-04	1.13E-05	2.12E-05	3.83E-04
606612	4122580	1.16E-04	1.16E-04	1.15E-04	6.73E-06	2.24E-05	3.76E-04	Residence	5.10E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	1.09E-05	2.06E-05	3.78E-04
606632	4122580	1.14E-04	1.13E-04	1.13E-04	6.52E-06	2.19E-05	3.68E-04	Residence	5.00E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	1.14E-04	1.13E-04	1.13E-04	1.06E-05	2.01E-05	3.71E-04
606652	4122580	1.12E-04	1.11E-04	1.11E-04	6.33E-06	2.13E-05	3.61E-04	Residence	4.90E-09	1.19E-07	1.31E-07	1.45E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	1.03E-05	1.96E-05	3.64E-04
606672	4122580	1.10E-04	1.09E-04	1.09E-04	6.16E-06	2.08E-05	3.55E-04	Residence	4.82E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	1.10E-04	1.09E-04	1.09E-04	1.00E-05	1.91E-05	3.57E-04
606692	4122580	1.07E-04	1.07E-04	1.07E-04	6.00E-06	2.02E-05	3.47E-04	Residence	4.71E-09	1.14E-07	1.26E-07	1.40E-08	0.26	0.00	1.07E-04	1.07E-04	1.07E-04	9.76E-06	1.86E-05	3.49E-04
606712	4122580	1.06E-04	1.06E-04	1.05E-04	5.86E-06	1.97E-05	3.43E-04	Residence	4.65E-09	1.13E-07	1.24E-07	1.38E-08	0.25	0.00	1.06E-04	1.06E-04	1.05E-04	9.52E-06	1.82E-05	3.45E-04
606732	4122580	1.05E-04	1.04E-04	1.04E-04	5.73E-06	1.93E-05	3.39E-04	Residence	4.59E-09	1.11E-07	1.23E-07	1.36E-08	0.25	0.00	1.05E-04	1.04E-04	1.04E-04	9.31E-06	1.77E-05	3.41E-04
606752	4122580	1.04E-04	1.03E-04	1.03E-04	5.60E-06	1.88E-05	3.35E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.34E-08	0.25	0.00	1.04E-04	1.03E-04	1.03E-04	9.11E-06	1.73E-05	3.37E-04
606772	4122580	1.03E-04	1.02E-04	1.02E-04	5.49E-06	1.84E-05	3.31E-04	Residence	4.49E-09	1.09E-07	1.20E-07	1.33E-08	0.25	0.00	1.03E-04	1.02E-04	1.02E-04	8.92E-06	1.69E-05	3.33E-04
606792	4122580	1.02E-04	1.01E-04	1.01E-04	5.38E-06	1.80E-05	3.27E-04	Residence	4.44E-09	1.08E-07	1.18E-07	1.32E-08	0.24	0.00	1.02E-04	1.01E-04	1.01E-04	8.74E-06	1.65E-05	3.29E-04
606812	4122580	1.01E-04	1.00E-04	9.96E-05	5.28E-06	1.75E-05	3.23E-04	Residence	4.38E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	1.01E-04	1.00E-04	9.96E-05	8.57E-06	1.61E-05	3.25E-04
606832	4122580	9.98E-05	9.92E-05	9.87E-05	5.18E-06	1.72E-05	3.20E-04	Residence	4.34E-09	1.05E-07	1.16E-07	1.29E-08	0.24	0.00	9.98E-05	9.92E-05	9.87E-05	8.41E-06	1.58E-05	3.22E-04
606852	4122580	9.87E-05	9.82E-05	9.77E-05	5.08E-06	1.68E-05	3.16E-04	Residence	4.29E-09	1.04E-07	1.15E-07	1.27E-08	0.24	0.00	9.87E-05	9.82E-05	9.77E-05	8.25E-06	1.54E-05	3.18E-04
606992	4122580	9.36E-05	9.30E-05	9.25E-05	4.44E-06	1.44E-05	2.98E-04	Worker	4.04E-09	9.79E-08	1.08E-07	1.20E-08	0.22	0.00	9.36E-05	9.30E-05	9.25E-05	7.21E-06	1.33E-05	3.00E-04
607012	4122580	9.29E-05	9.23E-05	9.19E-05	4.35E-06	1.41E-05	2.96E-04	Worker	4.01E-09	9.71E-08	1.07E-07	1.19E-08	0.22	0.00	9.29E-05	9.23E-05	9.19E-05	7.07E-06	1.30E-05	2.97E-04
607032	4122580	9.20E-05	9.14E-05	9.10E-05	4.27E-06	1.38E-05	2.93E-04	Worker	3.97E-09	9.61E-08	1.06E-07	1.18E-08	0.22	0.00	9.20E-05	9.14E-05	9.10E-05	6.93E-06	1.27E-05	2.94E-04
607052	4122580	9.23E-05	9.17E-05	9.12E-05	4.18E-06	1.36E-05	2.93E-04	Worker	3.97E-09	9.62E-08	1.06E-07	1.18E-08	0.22	0.00	9.23E-05	9.17E-05	9.12E-05	6.80E-06	1.25E-05	2.95E-04
605932	4122600	3.26E-04	3.22E-04	3.18E-04	1.99E-05	4.25E-05	1.03E-03	Residence	1.40E-08	3.38E-07	3.73E-07	4.14E-08	0.77	0.00	3.26E-04	3.22E-04	3.18E-04	3.24E-05	3.91E-05	1.04E-03
606252	4122600	2.02E-04	2.01E-04	1.99E-04	1.27E-05	3.33E-05	6.48E-04	Residence	8.78E-09	2.13E-07	2.34E-07	2.60E-08	0.48	0.00	2.02E-04	2.01E-04	1.99E-04	2.07E-05	3.07E-05	6.53E-04
606272	4122600	1.94E-04	1.92E-04	1.91E-04	1.22E-05	3.26E-05	6.22E-04	Residence	8.44E-09	2.04E-07	2.25E-07	2.50E-08	0.46	0.00	1.94E-04	1.92E-04	1.91E-04	1.98E-05	3.00E-05	6.27E-04
606292	4122600	1.87E-04	1.86E-04	1.85E-04	1.17E-05	3.20E-05	6.02E-04	Residence	8.16E-09	1.98E-07	2.18E-07	2.42E-08	0.45	0.00	1.87E-04	1.86E-04	1.85E-04	1.90E-05	2.94E-05	6.07E-04

606312	4122600	1.81E-04	1.80E-04	1.79E-04	1.13E-05	3.13E-05	5.83E-04	Residence	7.91E-09	1.92E-07	2.11E-07	2.34E-08	0.43	0.00	1.81E-04	1.80E-04	1.79E-04	1.83E-05	2.88E-05	5.88E-04
606412	4122600	1.52E-04	1.51E-04	1.51E-04	9.25E-06	2.79E-05	4.91E-04	Residence	6.66E-09	1.61E-07	1.78E-07	1.97E-08	0.37	0.00	1.52E-04	1.51E-04	1.51E-04	1.50E-05	2.57E-05	4.94E-04
606432	4122600	1.47E-04	1.46E-04	1.46E-04	8.92E-06	2.72E-05	4.75E-04	Residence	6.44E-09	1.56E-07	1.72E-07	1.91E-08	0.35	0.00	1.47E-04	1.46E-04	1.46E-04	1.45E-05	2.51E-05	4.78E-04
606452	4122600	1.42E-04	1.41E-04	1.41E-04	8.60E-06	2.66E-05	4.59E-04	Residence	6.23E-09	1.51E-07	1.66E-07	1.85E-08	0.34	0.00	1.42E-04	1.41E-04	1.41E-04	1.40E-05	2.45E-05	4.63E-04
606472	4122600	1.38E-04	1.37E-04	1.37E-04	8.30E-06	2.59E-05	4.46E-04	Residence	6.05E-09	1.46E-07	1.61E-07	1.79E-08	0.33	0.00	1.38E-04	1.37E-04	1.37E-04	1.35E-05	2.39E-05	4.49E-04
606492	4122600	1.32E-04	1.32E-04	1.31E-04	8.01E-06	2.53E-05	4.29E-04	Residence	5.81E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	1.32E-04	1.32E-04	1.31E-04	1.30E-05	2.33E-05	4.32E-04
606512	4122600	1.29E-04	1.28E-04	1.28E-04	7.73E-06	2.47E-05	4.17E-04	Residence	5.66E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.29E-04	1.28E-04	1.28E-04	1.26E-05	2.27E-05	4.20E-04
606532	4122600	1.25E-04	1.25E-04	1.24E-04	7.46E-06	2.40E-05	4.06E-04	Residence	5.50E-09	1.33E-07	1.47E-07	1.63E-08	0.30	0.00	1.25E-04	1.25E-04	1.24E-04	1.21E-05	2.21E-05	4.08E-04
606552	4122600	1.22E-04	1.22E-04	1.21E-04	7.21E-06	2.34E-05	3.96E-04	Residence	5.37E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.22E-04	1.22E-04	1.21E-04	1.17E-05	2.16E-05	3.99E-04
606572	4122600	1.20E-04	1.19E-04	1.19E-04	6.97E-06	2.28E-05	3.88E-04	Residence	5.26E-09	1.28E-07	1.41E-07	1.56E-08	0.29	0.00	1.20E-04	1.19E-04	1.19E-04	1.13E-05	2.10E-05	3.91E-04
606592	4122600	1.17E-04	1.16E-04	1.16E-04	6.74E-06	2.23E-05	3.78E-04	Residence	5.13E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.17E-04	1.16E-04	1.16E-04	1.09E-05	2.05E-05	3.80E-04
606612	4122600	1.14E-04	1.14E-04	1.14E-04	6.52E-06	2.17E-05	3.70E-04	Residence	5.02E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.14E-04	1.14E-04	1.14E-04	1.06E-05	2.00E-05	3.72E-04
606632	4122600	1.12E-04	1.12E-04	1.11E-04	6.32E-06	2.11E-05	3.62E-04	Residence	4.92E-09	1.19E-07	1.31E-07	1.46E-08	0.27	0.00	1.12E-04	1.12E-04	1.11E-04	1.03E-05	1.94E-05	3.65E-04
606652	4122600	1.10E-04	1.10E-04	1.09E-04	6.14E-06	2.06E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.27	0.00	1.10E-04	1.10E-04	1.09E-04	9.98E-06	1.90E-05	3.59E-04
606672	4122600	1.08E-04	1.08E-04	1.07E-04	5.97E-06	2.01E-05	3.49E-04	Residence	4.74E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	9.70E-06	1.85E-05	3.51E-04
606692	4122600	1.06E-04	1.05E-04	1.05E-04	5.81E-06	1.96E-05	3.42E-04	Residence	4.63E-09	1.12E-07	1.24E-07	1.37E-08	0.25	0.00	1.06E-04	1.05E-04	1.05E-04	9.45E-06	1.80E-05	3.44E-04
606712	4122600	1.05E-04	1.05E-04	1.05E-04	5.68E-06	1.91E-05	3.40E-04	Residence	4.61E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	1.05E-04	1.05E-04	1.05E-04	9.22E-06	1.76E-05	3.42E-04
606992	4122600	9.14E-05	9.09E-05	9.04E-05	4.32E-06	1.41E-05	2.91E-04	Worker	3.95E-09	9.56E-08	1.05E-07	1.17E-08	0.22	0.00	9.14E-05	9.09E-05	9.04E-05	7.02E-06	1.30E-05	2.93E-04
607012	4122600	9.05E-05	9.00E-05	8.95E-05	4.24E-06	1.38E-05	2.88E-04	Worker	3.91E-09	9.46E-08	1.04E-07	1.16E-08	0.21	0.00	9.05E-05	9.00E-05	8.95E-05	6.89E-06	1.27E-05	2.90E-04
607032	4122600	8.97E-05	8.92E-05	8.87E-05	4.16E-06	1.35E-05	2.85E-04	Worker	3.87E-09	9.37E-08	1.03E-07	1.15E-08	0.21	0.00	8.97E-05	8.92E-05	8.87E-05	6.76E-06	1.24E-05	2.87E-04
607052	4122600	9.06E-05	9.00E-05	8.96E-05	4.08E-06	1.33E-05	2.88E-04	Worker	3.90E-09	9.45E-08	1.04E-07	1.16E-08	0.21	0.00	9.06E-05	9.00E-05	8.96E-05	6.63E-06	1.22E-05	2.89E-04
605632	4122620	3.75E-04	3.71E-04	3.68E-04	2.28E-05	4.65E-05	1.18E-03	Residence	1.61E-08	3.89E-07	4.29E-07	4.76E-08	0.88	0.00	3.75E-04	3.71E-04	3.68E-04	3.70E-05	4.28E-05	1.19E-03
605652	4122620	3.75E-04	3.72E-04	3.68E-04	2.28E-05	4.65E-05	1.18E-03	Residence	1.61E-08	3.89E-07	4.29E-07	4.76E-08	0.88	0.00	3.75E-04	3.72E-04	3.68E-04	3.70E-05	4.28E-05	1.19E-03
605672	4122620	3.75E-04	3.72E-04	3.68E-04	2.27E-05	4.65E-05	1.18E-03	Residence	1.61E-08	3.89E-07	4.29E-07	4.76E-08	0.88	0.00	3.75E-04	3.72E-04	3.68E-04	3.69E-05	4.27E-05	1.19E-03
605692	4122620	3.74E-04	3.70E-04	3.67E-04	2.26E-05	4.63E-05	1.18E-03	Residence	1.60E-08	3.88E-07	4.27E-07	4.74E-08	0.88	0.00	3.74E-04	3.70E-04	3.67E-04	3.68E-05	4.26E-05	1.19E-03
605712	4122620	3.72E-04	3.68E-04	3.64E-04	2.25E-05	4.61E-05	1.17E-03	Residence	1.59E-08	3.85E-07	4.24E-07	4.71E-08	0.87	0.00	3.72E-04	3.68E-04	3.64E-04	3.66E-05	4.24E-05	1.18E-03
605752	4122620	3.64E-04	3.60E-04	3.56E-04	2.21E-05	4.53E-05	1.15E-03	Residence	1.56E-08	3.77E-07	4.15E-07	4.61E-08	0.85	0.00	3.64E-04	3.60E-04	3.56E-04	3.58E-05	4.17E-05	1.16E-03
605772	4122620	3.62E-04	3.58E-04	3.54E-04	2.18E-05	4.49E-05	1.14E-03	Residence	1.55E-08	3.74E-07	4.13E-07	4.58E-08	0.85	0.00	3.62E-04	3.58E-04	3.54E-04	3.54E-05	4.13E-05	1.15E-03
605792	4122620	3.58E-04	3.54E-04	3.49E-04	2.14E-05	4.44E-05	1.13E-03	Residence	1.53E-08	3.70E-07	4.08E-07	4.53E-08	0.84	0.00	3.58E-04	3.54E-04	3.49E-04	3.48E-05	4.08E-05	1.14E-03
605812	4122620	3.54E-04	3.49E-04	3.45E-04	2.11E-05	4.38E-05	1.11E-03	Residence	1.51E-08	3.65E-07	4.03E-07	4.47E-08	0.83	0.00	3.54E-04	3.49E-04	3.45E-04	3.42E-05	4.03E-05	1.12E-03
605832	4122620	3.48E-04	3.44E-04	3.40E-04	2.07E-05	4.32E-05	1.10E-03	Residence	1.49E-08	3.60E-07	3.97E-07	4.40E-08	0.82	0.00	3.48E-04	3.44E-04	3.40E-04	3.36E-05	3.98E-05	1.11E-03
605852	4122620	3.42E-04	3.38E-04	3.34E-04	2.03E-05	4.26E-05	1.08E-03	Residence	1.46E-08	3.54E-07	3.90E-07	4.33E-08	0.80	0.00	3.42E-04	3.38E-04	3.34E-04	3.30E-05	3.92E-05	1.09E-03
605872	4122620	3.35E-04	3.31E-04	3.27E-04	1.99E-05	4.20E-05	1.06E-03	Residence	1.43E-08	3.47E-07	3.82E-07	4.24E-08	0.79	0.00	3.35E-04	3.31E-04	3.27E-04	3.23E-05	3.86E-05	1.06E-03
605892	4122620	3.28E-04	3.24E-04	3.20E-04	1.95E-05	4.14E-05	1.03E-03	Residence	1.40E-08	3.39E-07	3.74E-07	4.15E-08	0.77	0.00	3.28E-04	3.24E-04	3.20E-04	3.17E-05	3.81E-05	1.04E-03
605932	4122620	3.14E-04	3.10E-04	3.06E-04	1.88E-05	4.03E-05	9.89E-04	Residence	1.34E-08	3.25E-07	3.58E-07	3.98E-08	0.74	0.00	3.14E-04	3.10E-04	3.06E-04	3.06E-05	3.70E-05	9.98E-04
606232	4122620	2.03E-04	2.02E-04	2.00E-04	1.26E-05	3.24E-05	6.51E-04	Residence	8.83E-09	2.14E-07	2.36E-07	2.62E-08	0.48	0.00	2.03E-04	2.02E-04	2.00E-04	2.05E-05	2.98E-05	6.56E-04
606252	4122620	1.97E-04	1.95E-04	1.94E-04	1.22E-05	3.18E-05	6.30E-04	Residence	8.54E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.97E-04	1.95E-04	1.94E-04	1.97E-05	2.93E-05	6.35E-04
606272	4122620	1.90E-04	1.89E-04	1.87E-04	1.17E-05	3.12E-05	6.09E-04	Residence	8.26E-09	2.00E-07	2.20E-07	2.45E-08	0.45	0.00	1.90E-04	1.89E-04	1.87E-04	1.90E-05	2.87E-05	6.14E-04
606292	4122620	1.83E-04	1.82E-04	1.81E-04	1.12E-05	3.05E-05	5.88E-04	Residence	7.98E-09	1.93E-07	2.13E-07	2.36E-08	0.44	0.00	1.83E-04	1.82E-04	1.81E-04	1.82E-05	2.81E-05	5.93E-04
606312	4122620	1.78E-04	1.77E-04	1.75E-04	1.08E-05	2.99E-05	5.70E-04	Residence	7.73E-09	1.87E-07	2.06E-07	2.29E-08	0.42	0.00	1.78E-04	1.77E-04	1.75E-04	1.75E-05	2.75E-05	5.75E-04
606352	4122620	1.66E-04	1.65E-04	1.64E-04	9.97E-06	2.86E-05	5.33E-04	Residence	7.23E-09	1.75E-07	1.93E-07	2.14E-08	0.40	0.00	1.66E-04	1.65E-04	1.64E-04	1.62E-05	2.64E-05	5.37E-04
606372	4122620	1.60E-04	1.59E-04	1.58E-04	9.59E-06	2.80E-05	5.15E-04	Residence	6.99E-09	1.69E-07	1.87E-07	2.07E-08	0.38	0.00	1.60E-04	1.59E-04	1.58E-04	1.56E-05	2.58E-05	5.19E-04
606412	4122620	1.50E-04	1.49E-04	1.48E-04	8.91E-06	2.68E-05	4.83E-04	Residence	6.55E-09	1.59E-07	1.75E-07	1.94E-08	0.36	0.00	1.50E-04	1.49E-04	1.48E-04	1.45E-05	2.46E-05	4.86E-04
606432	4122620	1.45E-04	1.45E-04	1.44E-04	8.60E-06	2.62E-05	4.69E-04	Residence	6.36E-09	1.54E-07	1.70E-07	1.88E-08	0.35	0.00	1.45E-04	1.45E-04	1.44E-04	1.40E-05	2.41E-05	4.72E-04
606452	4122620	1.42E-04	1.41E-04	1.40E-04	8.30E-06	2.56E-05	4.57E-04	Residence	6.20E-09	1.50E-07	1.65E-07	1.84E-08	0.34	0.00	1.42E-04	1.41E-04	1.40E-04	1.35E-05	2.35E-05	4.60E-04
606472	4122620	1.37E-04	1.37E-04	1.36E-04	8.01E-06	2.50E-05	4.43E-04	Residence	6.00E-09	1.45E-07	1.60E-07	1.78E-08	0.33	0.00	1.37E-04	1.37E-04	1.36E-04	1.30E-05	2.30E-05	4.46E-04
606492	4122620	1.31E-04	1.30E-04	1.30E-04	7.74E-06	2.44E-05	4.22E-04	Residence	5.73E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.31E-04	1.30E-04	1.30E-04	1.26E-05	2.24E-05	4.25E-04
606512	4122620	1.26E-04	1.26E-04	1.25E-04	7.47E-06	2.38E-05	4.09E-04	Residence	5.55E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.26E-04	1.26E-04	1.25E-04	1.21E-05	2.19E-05	4.12E-04
606532	4122620	1.23E-04	1.23E-04	1.22E-04	7.22E-06	2.32E-05	3.99E-04	Residence	5.41E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.23E-04	1.23E-04	1.22E-04	1.17E-05	2.13E-05	4.01E-04
606552	4122620	1.21E-04	1.20E-04	1.20E-04	6.98E-06	2.26E-05	3.91E-04	Residence	5.30E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.13E-05	2.08E-05	3.93E-04
606572	4122620	1.18E-04	1.17E-04	1.17E-04	6.75E-06	2.21E-05	3.81E-04	Residence	5.17E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	1.18E-04	1.17E-04	1.17E-04	1.10E-05	2.03E-05	3.83E-04
606592	4122620	1.15E-04	1.15E-04	1.15E-04	6.53E-06	2.15E-05	3.73E-04	Residence	5.06E-09	1.23E-07	1.35E-07	1.50E-08	0.28	0.00	1.15E-04	1.15E-04	1.15E-04	1.06E-05	1.98E-05	3.76E-04
606612	4122620	1.13E-04	1.13E-04	1.12E-04	6.33E-06	2.10E-05	3.66E-04	Residence	4.96E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	1.03E-05	1.93E-05	3.68E-04
606632	4122620	1.11E-04	1.11E-04	1.10E-04	6.13E-06	2.05E-05	3.58E-04	Residence	4.86E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.11E-04	1.11E-04	1.10E-04	9.97E-06	1.88E-05	3.60E-04
606652	4122620	1.09E-04	1.09E-04	1.08E-04	5.96E-06	2.00E-05	3.52E-04	Residence	4.77E-09	1.16E-07	1.27E-07	1.41E-08	0.26	0.00	1.09E-04	1.09E-04	1.08E-04	9.68E-06	1.84E-05	3.54E-04
606672	4122620	1.06E-04	1.06E-04	1.05E-04	5.79E-06	1.95E-05	3.43E-04	Residence	4.65E-09	1.13E-07	1.24E-07	1.38E-08	0.26	0.00	1.06E-04	1.06E-04	1.05E-04	9.41E-06	1.79E-05	3.45E-04
606692	4122620	1.06E-04	1.06E-04	1.05E-04	5.64E-06	1.90E-05	3.42E-04	Residence	4.64E-09	1.12E-07	1.24E-07	1.38E-08	0.25	0.00	1.06E-04	1.06E-04	1.05E-04	9.17E-06	1.75E-05	3.44E-04
606992	4122620	8.96E-05	8.91E-05	8.87E-05	4.21E-06	1.37E-05	2.85E-04	Worker	3.87E-09	9.37E-08	1.03E-07	1.15E-08	0.21	0.00	8.96E-05	8.91E-05	8.87E-05	6.84E-06	1.26E-05	2.87E-04
607012	4122620	8.87E-05	8.81E-05	8.77E-05	4.13E-06	1.35E-05	2.82E-04	Worker	3.83E-09	9.27E-08	1.02E-07	1.13E-08	0.21	0.00	8.87E-05	8.81E-05	8.77E-05	6.71E-06	1.24E-05	2.84E-04
607032	4122620	8.79E-05	8.74E-05	8.69E-05	4.05E-06	1.32E-05	2.79E-04	Worker	3.79E-09	9.18E-08	1.01E-07	1.12E-08	0.21	0.00	8.79E-05	8.74E-05	8.69E-05	6.59E-06	1.21E-05	2.81E-04
607052	4122620	8.76E-05	8.71E-05	8.66E-05	3.98E-06	1.29E-05	2.78E-04	Worker	3.77E-09	9.14E-08	1.01E-07	1.12E-08	0.21	0.00	8.76E-05	8.71E-05	8.66E-05	6.47E-06	1.19E-05	2.80E-04
605632	4122640	3.64E-04	3.60E-04	3.57E-04	2.17E-05	4.44E-05	1.15E-03	Residence	1.55E-08	3.77E-07	4.15E-07	4.61E-08	0.85	0.00	3.64E-04	3.60E-04	3.57E-04	3.53E-05	4.09E-05	1.16E-03
605652	4122640	3.64E-04	3.60E-04	3.57E-04	2.17E-05	4.44E-05	1.15E-03	Residence	1.56E-08	3.77E-07	4.15E-07	4.61E-08	0.85	0.00	3.64E-04	3.60E-04	3.57E-04	3.53E-05	4.08E-05	1.16E-03
605672	4122640	3.64E-04	3.60E-04	3.57E-04	2.16E-05	4.43E-05	1.15E-03	Residence	1.55E-08	3.77E-07	4.15E-07	4.61E-08	0.85	0.00	3.64E-04	3.60E-04	3.57E-04	3.52E-05	4.07E-05	1.16E-03
605692	4122640	3.62E-04	3.58E-04	3.55E-04	2.15E-05	4.41E-05	1.14E-03	Residence	1.55E-08	3.75E-07	4.13E-07	4.58E-08	0.85	0.00	3.62E-04	3.58E-04	3.55E-04	3.50E-05	4.05E-05	1.15E-03
605712	4122640	3.60E-04	3.56E-04	3.52E-04	2.14E-05	4.38E-05	1.13E-03	Residence	1.54E-08	3.72E-07	4.10E-07	4.56E-08	0.84	0.00	3.60E-04	3.56E-04	3.52E-04	3.47E-05	4.03E-05	1.14E-03
605752	4122640	3.52E-04	3.48E-04	3.44E-04	2.09E-05	4.30E-05	1.11E-03	Residence	1.50E-08	3.64E-07	4.01E-07	4.45E-08	0.82	0.00	3.52E-04	3.48E-04	3.44E-04	3.39E-05	3.96E-05	1.12E-03
605772	4122640	3.50E-04	3.46E-04	3.42E-04	2.06E-05	4.25E-05	1.10E-03	Residence	1.49E-08	3.61E-07	3.98E-07	4.42E-08	0.82	0.00	3.50E-04	3.46E-04	3.42E-04	3.34E-05	3.91E-05	1.11E-03
605792	4122640	3.46E-04	3.42E-04	3.38E-04	2.02E-05	4.20E-05	1.09E-03	Residence	1.47E-08	3.57E-07	3.94E-07	4.37E-08	0.81	0.00	3.46E-04	3.42E-04	3.38E-04	3.29E-05	3.87E-05	1.10E-03
605812	4122640	3.41E-04	3.37E-04	3.33E-04	1.99E-05	4.15E-05	1.07E-03	Residence	1.46E-08	3.53E-07	3.88E-07	4.31E-08	0.80	0.00	3.41E-04	3.37E-04	3.33E-04	3.23E-05	3.82E-05	1.08E-03
605832	4122640	3.36E-04	3.32E-04	3.28E-04	1.95E-05	4.09E-05	1.06E-03	Residence	1.43E-08	3.47E-07	3.82E-07	4.24E-08	0.79	0.00	3.36E-04	3.32E-04	3.28E-04	3.17E-05	3.77E-05	1.06E-03
605852	4122640	3.30E-04	3.26E-04	3.22E-04	1.92E-05	4.04E-05	1.04E-03	Residence	1.41E-08	3.41E-07	3.75E-07	4.17E-08	0.77	0.00	3.30E-04	3.26E-04	3.22E-04	3.11E-05	3.71E-05	1.05E-03
605872	4122640	3.23E-04	3.19E-04	3.16E-04	1.88E-05	3.98E-05	1.02E-03	Residence	1.38E-08	3.34E-07	3.68E-07	4.09E-08	0.76	0.00	3.23E-04	3.19E-04	3.16E-04	3.06E-05	3.66E-05	1.03E-03
605892	4122640	3.17E-04	3.13E-04	3.09E-04	1.85E-05	3.92E-05	9.96E-04	Residence	1.35E-08	3.27E-07	3.61E-07	4.01E-08	0.74	0.00	3.17E-04	3.13E-04	3.09E-04	3.00E-05	3.61E-05	1.00E-03
605932	4122640	3.02E-04	2.98E-04	2.95E-04	1.78E-05	3.82E-05	9.51E-04	Residence	1.29E-08	3.12E-07	3.44E-07	3.82E-08	0.71	0.00	3.02E-04	2.98E-04	2.95E-04	2.90E-05	3.51E-05	9.59E-04
606232	4122640	1.98E-04	1.96E-04	1.95E-04	1.21E-05	3.10E-05	6.32E-04	Residence	8.58E-09	2.08E-07	2.29E-07	2.54E-08	0.47	0.00	1.98E-04	1.96E-04	1.95E-04	1.96E-05	2.85E-05	6.37E-04
606252	4122640	1.92E-04	1.90E-04	1.89E-04	1.16E-05	3.04E-05	6.13E-04	Residence	8.32E-09	2.01E-07	2.22E-07	2.47E-08	0.46	0.00	1.92E-04	1.90E-04	1.89E-04	1.89E-05	2.80E-05	6.18E-04
606272	4122640	1.86E-04	1.84E-04	1.83E-04	1.12E-05	2.98E-05	5.94E-04	Residence	8.06E-09	1.95E-07	2.15E-07	2.39E-08	0.44	0.00	1.86E-04	1.84E-04	1.83E-04	1.82E-05	2.74E-05	5.99E-04
606292	4122640	1.79E-04	1.78E-04	1.77E-04	1.07E-05	2.92E-05	5.75E-04	Residence	7.80E-09	1.89E-07	2.08E-07	2.31E-08	0.43	0.00	1.79E-04	1.78E-04	1.77E-04	1.75E-05	2.69E-05	5.79E-04
606312	4122640	1.74E-04	1.73E-04	1.72E-04	1.03E-05	2.86E-05	5.58E-04	Residence	7.56E-09	1.83E-07	2.02E-07	2.24E-08	0.41	0.00	1.74E-04	1.73E-04	1.72E-04	1.68E-05	2.63E-05	5.62E-04
606352	4122640	1.63E-04	1.62E-04	1.61E-04	9.58E-06	2.75E-05	5.22E-04	Residence	7.09E-09	1.72E-07	1.89E-07	2.10E-08	0.39	0.00	1.63E-04	1.62E-04	1.61E-04	1.56E-05	2.53E-05	5.26E-04
606412	4122640	1.47E-04	1.47E-04	1.46E-04	8.58E-06	2.57E-05	4.75E-04	Residence	6.44E-09	1.56E-07	1.72E-07	1.91E-08	0.35	0.00	1.47E-04	1.47E-04	1.46E-04	1.39E-05	2.37E-05	4.78E-04
606432	4122640	1.43E-04	1.43E-04	1.42E-04	8.29E-06	2.52E-05	4.61E-04	Residence	6.26E-09	1.52E-07	1.67E-07	1.85E-08	0.34	0.00	1.43E-04	1.43E-04	1.42E-04	1.35E-05	2.32E-05	4.65E-04

606452	4122640	1.39E-04	1.39E-04	1.38E-04	8.01E-06	2.46E-05	4.48E-04	Residence	6.08E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.39E-04	1.39E-04	1.38E-04	1.30E-05	2.26E-05	4.51E-04
606472	4122640	1.35E-04	1.34E-04	1.34E-04	7.74E-06	2.40E-05	4.34E-04	Residence	5.89E-09	1.43E-07	1.57E-07	1.75E-08	0.32	0.00	1.35E-04	1.34E-04	1.34E-04	1.26E-05	2.21E-05	4.37E-04
606492	4122640	1.30E-04	1.29E-04	1.29E-04	7.48E-06	2.35E-05	4.19E-04	Residence	5.68E-09	1.37E-07	1.52E-07	1.68E-08	0.31	0.00	1.30E-04	1.29E-04	1.29E-04	1.22E-05	2.16E-05	4.21E-04
606512	4122640	1.25E-04	1.25E-04	1.24E-04	7.23E-06	2.29E-05	4.05E-04	Residence	5.49E-09	1.33E-07	1.46E-07	1.63E-08	0.30	0.00	1.25E-04	1.25E-04	1.24E-04	1.18E-05	2.11E-05	4.07E-04
606532	4122640	1.21E-04	1.21E-04	1.21E-04	6.99E-06	2.24E-05	3.92E-04	Residence	5.32E-09	1.29E-07	1.42E-07	1.58E-08	0.29	0.00	1.21E-04	1.21E-04	1.21E-04	1.14E-05	2.06E-05	3.95E-04
606552	4122640	1.19E-04	1.19E-04	1.19E-04	6.77E-06	2.19E-05	3.86E-04	Residence	5.23E-09	1.27E-07	1.40E-07	1.55E-08	0.29	0.00	1.19E-04	1.19E-04	1.19E-04	1.10E-05	2.01E-05	3.88E-04
606572	4122640	1.16E-04	1.16E-04	1.15E-04	6.55E-06	2.13E-05	3.75E-04	Residence	5.09E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	1.06E-05	1.96E-05	3.78E-04
606592	4122640	1.14E-04	1.14E-04	1.13E-04	6.34E-06	2.08E-05	3.68E-04	Residence	4.99E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	1.14E-04	1.14E-04	1.13E-04	1.03E-05	1.92E-05	3.70E-04
606612	4122640	1.11E-04	1.11E-04	1.11E-04	6.14E-06	2.03E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.11E-04	1.11E-04	1.11E-04	9.98E-06	1.87E-05	3.61E-04
606632	4122640	1.10E-04	1.09E-04	1.09E-04	5.96E-06	1.98E-05	3.54E-04	Residence	4.80E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.10E-04	1.09E-04	1.09E-04	9.68E-06	1.82E-05	3.56E-04
606652	4122640	1.08E-04	1.07E-04	1.07E-04	5.78E-06	1.94E-05	3.47E-04	Residence	4.70E-09	1.14E-07	1.25E-07	1.39E-08	0.26	0.00	1.08E-04	1.07E-04	1.07E-04	9.40E-06	1.78E-05	3.49E-04
606672	4122640	1.07E-04	1.07E-04	1.06E-04	5.62E-06	1.89E-05	3.45E-04	Residence	4.67E-09	1.13E-07	1.25E-07	1.38E-08	0.26	0.00	1.07E-04	1.07E-04	1.06E-04	9.14E-06	1.74E-05	3.47E-04
606732	4122640	1.02E-04	1.02E-04	1.02E-04	5.22E-06	1.76E-05	3.29E-04	Worker	4.46E-09	1.08E-07	1.19E-07	1.32E-08	0.24	0.00	1.02E-04	1.02E-04	1.02E-04	8.47E-06	1.62E-05	3.31E-04
606752	4122640	1.01E-04	1.01E-04	1.00E-04	5.10E-06	1.72E-05	3.24E-04	Worker	4.39E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	1.01E-04	1.01E-04	1.00E-04	8.29E-06	1.58E-05	3.26E-04
606772	4122640	9.97E-05	9.92E-05	9.88E-05	4.99E-06	1.68E-05	3.20E-04	Worker	4.33E-09	1.05E-07	1.16E-07	1.28E-08	0.24	0.00	9.97E-05	9.92E-05	9.88E-05	8.11E-06	1.55E-05	3.21E-04
606852	4122640	9.51E-05	9.46E-05	9.42E-05	4.63E-06	1.54E-05	3.04E-04	Worker	4.12E-09	9.99E-08	1.10E-07	1.22E-08	0.23	0.00	9.51E-05	9.46E-05	9.42E-05	7.52E-06	1.42E-05	3.06E-04
606872	4122640	9.43E-05	9.38E-05	9.34E-05	4.55E-06	1.51E-05	3.01E-04	Worker	4.09E-09	9.90E-08	1.09E-07	1.21E-08	0.22	0.00	9.43E-05	9.38E-05	9.34E-05	7.39E-06	1.39E-05	3.03E-04
606992	4122640	8.78E-05	8.73E-05	8.69E-05	4.10E-06	1.34E-05	2.80E-04	Worker	3.79E-09	9.18E-08	1.01E-07	1.12E-08	0.21	0.00	8.78E-05	8.73E-05	8.69E-05	6.66E-06	1.23E-05	2.81E-04
607012	4122640	8.69E-05	8.64E-05	8.59E-05	4.02E-06	1.31E-05	2.76E-04	Worker	3.75E-09	9.08E-08	1.00E-07	1.11E-08	0.21	0.00	8.69E-05	8.64E-05	8.59E-05	6.54E-06	1.21E-05	2.78E-04
607032	4122640	8.61E-05	8.56E-05	8.52E-05	3.95E-06	1.29E-05	2.74E-04	Worker	3.71E-09	8.99E-08	9.91E-08	1.10E-08	0.20	0.00	8.61E-05	8.56E-05	8.52E-05	6.42E-06	1.19E-05	2.75E-04
607052	4122640	8.54E-05	8.49E-05	8.45E-05	3.88E-06	1.26E-05	2.71E-04	Worker	3.68E-09	8.91E-08	9.82E-08	1.09E-08	0.20	0.00	8.54E-05	8.49E-05	8.45E-05	6.31E-06	1.16E-05	2.73E-04
605632	4122660	3.52E-04	3.48E-04	3.45E-04	2.07E-05	4.24E-05	1.11E-03	Residence	1.50E-08	3.64E-07	4.01E-07	4.45E-08	0.82	0.00	3.52E-04	3.48E-04	3.45E-04	3.37E-05	3.90E-05	1.12E-03
605652	4122660	3.52E-04	3.48E-04	3.45E-04	2.07E-05	4.23E-05	1.11E-03	Residence	1.50E-08	3.64E-07	4.01E-07	4.45E-08	0.82	0.00	3.52E-04	3.48E-04	3.45E-04	3.36E-05	3.89E-05	1.12E-03
605672	4122660	3.51E-04	3.47E-04	3.44E-04	2.06E-05	4.22E-05	1.10E-03	Residence	1.50E-08	3.63E-07	4.00E-07	4.44E-08	0.82	0.00	3.51E-04	3.47E-04	3.44E-04	3.35E-05	3.88E-05	1.11E-03
605692	4122660	3.49E-04	3.46E-04	3.42E-04	2.05E-05	4.19E-05	1.10E-03	Residence	1.49E-08	3.61E-07	3.98E-07	4.42E-08	0.82	0.00	3.49E-04	3.46E-04	3.42E-04	3.32E-05	3.86E-05	1.11E-03
605712	4122660	3.47E-04	3.43E-04	3.39E-04	2.03E-05	4.16E-05	1.09E-03	Residence	1.48E-08	3.58E-07	3.95E-07	4.38E-08	0.81	0.00	3.47E-04	3.43E-04	3.39E-04	3.29E-05	3.83E-05	1.10E-03
605752	4122660	3.39E-04	3.35E-04	3.31E-04	1.98E-05	4.08E-05	1.07E-03	Residence	1.45E-08	3.50E-07	3.86E-07	4.28E-08	0.79	0.00	3.39E-04	3.35E-04	3.31E-04	3.21E-05	3.75E-05	1.07E-03
605772	4122660	3.36E-04	3.32E-04	3.28E-04	1.95E-05	4.04E-05	1.06E-03	Residence	1.43E-08	3.47E-07	3.83E-07	4.25E-08	0.79	0.00	3.36E-04	3.32E-04	3.28E-04	3.16E-05	3.71E-05	1.07E-03
605792	4122660	3.32E-04	3.28E-04	3.24E-04	1.91E-05	3.99E-05	1.04E-03	Residence	1.42E-08	3.43E-07	3.78E-07	4.20E-08	0.78	0.00	3.32E-04	3.28E-04	3.24E-04	3.11E-05	3.67E-05	1.05E-03
605812	4122660	3.28E-04	3.25E-04	3.21E-04	1.88E-05	3.94E-05	1.03E-03	Residence	1.40E-08	3.39E-07	3.74E-07	4.15E-08	0.77	0.00	3.28E-04	3.25E-04	3.21E-04	3.06E-05	3.62E-05	1.04E-03
605832	4122660	3.23E-04	3.19E-04	3.15E-04	1.85E-05	3.88E-05	1.01E-03	Residence	1.37E-08	3.33E-07	3.67E-07	4.07E-08	0.75	0.00	3.23E-04	3.19E-04	3.15E-04	3.00E-05	3.57E-05	1.02E-03
605852	4122660	3.17E-04	3.13E-04	3.10E-04	1.81E-05	3.83E-05	9.97E-04	Residence	1.35E-08	3.27E-07	3.61E-07	4.01E-08	0.74	0.00	3.17E-04	3.13E-04	3.10E-04	2.95E-05	3.52E-05	1.00E-03
605872	4122660	3.11E-04	3.08E-04	3.04E-04	1.78E-05	3.78E-05	9.79E-04	Residence	1.33E-08	3.22E-07	3.54E-07	3.94E-08	0.73	0.00	3.11E-04	3.08E-04	3.04E-04	2.89E-05	3.47E-05	9.87E-04
605892	4122660	3.05E-04	3.02E-04	2.98E-04	1.75E-05	3.73E-05	9.59E-04	Residence	1.30E-08	3.15E-07	3.47E-07	3.86E-08	0.71	0.00	3.05E-04	3.02E-04	2.98E-04	2.84E-05	3.43E-05	9.67E-04
605932	4122660	2.91E-04	2.88E-04	2.84E-04	1.69E-05	3.63E-05	9.16E-04	Residence	1.24E-08	3.01E-07	3.31E-07	3.68E-08	0.68	0.00	2.91E-04	2.88E-04	2.84E-04	2.75E-05	3.34E-05	9.23E-04
606252	4122660	1.87E-04	1.86E-04	1.85E-04	1.11E-05	2.91E-05	5.98E-04	Residence	8.11E-09	1.96E-07	2.16E-07	2.40E-08	0.45	0.00	1.87E-04	1.86E-04	1.85E-04	1.81E-05	2.68E-05	6.03E-04
606272	4122660	1.81E-04	1.80E-04	1.79E-04	1.07E-05	2.85E-05	5.79E-04	Residence	7.86E-09	1.90E-07	2.10E-07	2.33E-08	0.43	0.00	1.81E-04	1.80E-04	1.79E-04	1.74E-05	2.63E-05	5.84E-04
606292	4122660	1.76E-04	1.75E-04	1.73E-04	1.03E-05	2.80E-05	5.62E-04	Residence	7.62E-09	1.85E-07	2.03E-07	2.26E-08	0.42	0.00	1.76E-04	1.75E-04	1.73E-04	1.67E-05	2.58E-05	5.66E-04
606312	4122660	1.70E-04	1.69E-04	1.68E-04	9.92E-06	2.74E-05	5.45E-04	Residence	7.39E-09	1.79E-07	1.97E-07	2.19E-08	0.41	0.00	1.70E-04	1.69E-04	1.68E-04	1.61E-05	2.53E-05	5.49E-04
606352	4122660	1.60E-04	1.59E-04	1.58E-04	9.21E-06	2.64E-05	5.12E-04	Residence	6.94E-09	1.68E-07	1.85E-07	2.06E-08	0.38	0.00	1.60E-04	1.59E-04	1.58E-04	1.50E-05	2.42E-05	5.15E-04
606412	4122660	1.45E-04	1.44E-04	1.44E-04	8.27E-06	2.47E-05	4.66E-04	Residence	6.32E-09	1.53E-07	1.69E-07	1.87E-08	0.35	0.00	1.45E-04	1.44E-04	1.44E-04	1.34E-05	2.28E-05	4.69E-04
606432	4122660	1.41E-04	1.40E-04	1.39E-04	8.00E-06	2.42E-05	4.52E-04	Residence	6.14E-09	1.49E-07	1.64E-07	1.82E-08	0.34	0.00	1.41E-04	1.40E-04	1.39E-04	1.30E-05	2.23E-05	4.55E-04
606452	4122660	1.36E-04	1.35E-04	1.35E-04	7.73E-06	2.37E-05	4.38E-04	Residence	5.94E-09	1.44E-07	1.58E-07	1.76E-08	0.33	0.00	1.36E-04	1.35E-04	1.35E-04	1.26E-05	2.18E-05	4.41E-04
606472	4122660	1.32E-04	1.32E-04	1.31E-04	7.48E-06	2.32E-05	4.26E-04	Residence	5.78E-09	1.40E-07	1.54E-07	1.71E-08	0.32	0.00	1.32E-04	1.32E-04	1.31E-04	1.22E-05	2.13E-05	4.29E-04
606492	4122660	1.29E-04	1.28E-04	1.28E-04	7.24E-06	2.27E-05	4.15E-04	Residence	5.63E-09	1.36E-07	1.50E-07	1.67E-08	0.31	0.00	1.29E-04	1.28E-04	1.28E-04	1.18E-05	2.08E-05	4.18E-04
606512	4122660	1.23E-04	1.23E-04	1.22E-04	7.00E-06	2.21E-05	3.97E-04	Residence	5.39E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.23E-04	1.23E-04	1.22E-04	1.14E-05	2.04E-05	4.00E-04
606532	4122660	1.20E-04	1.20E-04	1.19E-04	6.78E-06	2.16E-05	3.87E-04	Residence	5.25E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	1.20E-04	1.20E-04	1.19E-04	1.10E-05	1.99E-05	3.90E-04
606552	4122660	1.17E-04	1.17E-04	1.16E-04	6.56E-06	2.11E-05	3.78E-04	Residence	5.13E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.17E-04	1.17E-04	1.16E-04	1.07E-05	1.94E-05	3.81E-04
606572	4122660	1.16E-04	1.15E-04	1.15E-04	6.36E-06	2.06E-05	3.72E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.16E-04	1.15E-04	1.15E-04	1.03E-05	1.90E-05	3.75E-04
606592	4122660	1.13E-04	1.12E-04	1.12E-04	6.16E-06	2.01E-05	3.63E-04	Residence	4.92E-09	1.19E-07	1.31E-07	1.46E-08	0.27	0.00	1.13E-04	1.12E-04	1.12E-04	1.00E-05	1.85E-05	3.65E-04
606612	4122660	1.10E-04	1.10E-04	1.10E-04	5.97E-06	1.97E-05	3.56E-04	Residence	4.82E-09	1.17E-07	1.29E-07	1.43E-08	0.26	0.00	1.10E-04	1.10E-04	1.10E-04	9.70E-06	1.81E-05	3.58E-04
606632	4122660	1.08E-04	1.08E-04	1.08E-04	5.79E-06	1.92E-05	3.49E-04	Residence	4.73E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	1.08E-04	1.08E-04	1.08E-04	9.41E-06	1.77E-05	3.51E-04
606652	4122660	1.06E-04	1.05E-04	1.05E-04	5.62E-06	1.88E-05	3.41E-04	Residence	4.62E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	1.06E-04	1.05E-04	1.05E-04	9.13E-06	1.73E-05	3.43E-04
606672	4122660	1.06E-04	1.05E-04	1.05E-04	5.47E-06	1.83E-05	3.39E-04	Residence	4.60E-09	1.12E-07	1.23E-07	1.36E-08	0.25	0.00	1.06E-04	1.05E-04	1.05E-04	8.88E-06	1.69E-05	3.41E-04
606712	4122660	1.03E-04	1.02E-04	1.02E-04	5.19E-06	1.75E-05	3.30E-04	Worker	4.48E-09	1.08E-07	1.20E-07	1.33E-08	0.25	0.00	1.03E-04	1.02E-04	1.02E-04	8.43E-06	1.61E-05	3.32E-04
606732	4122660	1.01E-04	1.00E-04	1.00E-04	5.06E-06	1.71E-05	3.23E-04	Worker	4.39E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	1.01E-04	1.00E-04	1.00E-04	8.23E-06	1.57E-05	3.25E-04
606752	4122660	9.93E-05	9.88E-05	9.84E-05	4.95E-06	1.67E-05	3.18E-04	Worker	4.32E-09	1.05E-07	1.15E-07	1.28E-08	0.24	0.00	9.93E-05	9.88E-05	9.84E-05	8.04E-06	1.54E-05	3.20E-04
606772	4122660	9.79E-05	9.75E-05	9.71E-05	4.85E-06	1.64E-05	3.14E-04	Worker	4.25E-09	1.03E-07	1.14E-07	1.26E-08	0.23	0.00	9.79E-05	9.75E-05	9.71E-05	7.87E-06	1.51E-05	3.15E-04
606792	4122660	9.66E-05	9.62E-05	9.58E-05	4.75E-06	1.60E-05	3.09E-04	Worker	4.20E-09	1.02E-07	1.12E-07	1.24E-08	0.23	0.00	9.66E-05	9.62E-05	9.58E-05	7.72E-06	1.47E-05	3.11E-04
606832	4122660	9.44E-05	9.39E-05	9.35E-05	4.57E-06	1.54E-05	3.02E-04	Worker	4.09E-09	9.91E-08	1.09E-07	1.21E-08	0.22	0.00	9.44E-05	9.39E-05	9.35E-05	7.43E-06	1.41E-05	3.03E-04
606852	4122660	9.34E-05	9.29E-05	9.25E-05	4.49E-06	1.50E-05	2.98E-04	Worker	4.04E-09	9.80E-08	1.08E-07	1.20E-08	0.22	0.00	9.34E-05	9.29E-05	9.25E-05	7.30E-06	1.38E-05	3.00E-04
606872	4122660	9.21E-05	9.16E-05	9.12E-05	4.42E-06	1.47E-05	2.94E-04	Worker	3.99E-09	9.66E-08	1.06E-07	1.18E-08	0.22	0.00	9.21E-05	9.16E-05	9.12E-05	7.18E-06	1.36E-05	2.96E-04
606892	4122660	9.11E-05	9.07E-05	9.02E-05	4.34E-06	1.44E-05	2.91E-04	Worker	3.94E-09	9.55E-08	1.05E-07	1.17E-08	0.22	0.00	9.11E-05	9.07E-05	9.02E-05	7.05E-06	1.33E-05	2.92E-04
606992	4122660	8.61E-05	8.56E-05	8.51E-05	3.99E-06	1.31E-05	2.74E-04	Worker	3.71E-09	9.00E-08	9.91E-08	1.10E-08	0.20	0.00	8.61E-05	8.56E-05	8.51E-05	6.48E-06	1.20E-05	2.75E-04
607012	4122660	8.52E-05	8.47E-05	8.42E-05	3.92E-06	1.28E-05	2.71E-04	Worker	3.67E-09	8.90E-08	9.80E-08	1.09E-08	0.20	0.00	8.52E-05	8.47E-05	8.42E-05	6.37E-06	1.18E-05	2.72E-04
607032	4122660	8.45E-05	8.40E-05	8.36E-05	3.85E-06	1.26E-05	2.68E-04	Worker	3.64E-09	8.82E-08	9.72E-08	1.08E-08	0.20	0.00	8.45E-05	8.40E-05	8.36E-05	6.26E-06	1.16E-05	2.70E-04
605632	4122680	3.40E-04	3.37E-04	3.34E-04	1.98E-05	4.05E-05	1.07E-03	Residence	1.45E-08	3.52E-07	3.88E-07	4.31E-08	0.80	0.00	3.40E-04	3.37E-04	3.34E-04	3.22E-05	3.73E-05	1.08E-03
605652	4122680	3.40E-04	3.36E-04	3.33E-04	1.97E-05	4.04E-05	1.07E-03	Residence	1.45E-08	3.51E-07	3.87E-07	4.30E-08	0.80	0.00	3.40E-04	3.36E-04	3.33E-04	3.20E-05	3.72E-05	1.08E-03
605672	4122680	3.38E-04	3.35E-04	3.31E-04	1.96E-05	4.02E-05	1.06E-03	Residence	1.44E-08	3.50E-07	3.85E-07	4.28E-08	0.79	0.00	3.38E-04	3.35E-04	3.31E-04	3.19E-05	3.70E-05	1.07E-03
605852	4122680	3.04E-04	3.00E-04	2.97E-04	1.72E-05	3.64E-05	9.54E-04	Residence	1.29E-08	3.14E-07	3.45E-07	3.84E-08	0.71	0.00	3.04E-04	3.00E-04	2.97E-04	2.79E-05	3.35E-05	9.62E-04
605872	4122680	3.00E-04	2.97E-04	2.93E-04	1.69E-05	3.59E-05	9.43E-04	Residence	1.28E-08	3.10E-07	3.41E-07	3.79E-08	0.70	0.00	3.00E-04	2.97E-04	2.93E-04	2.74E-05	3.30E-05	9.51E-04
605892	4122680	2.94E-04	2.91E-04	2.87E-04	1.66E-05	3.54E-05	9.24E-04	Residence	1.25E-08	3.04E-07	3.35E-07	3.72E-08	0.69	0.00	2.94E-04	2.91E-04	2.87E-04	2.70E-05	3.26E-05	9.32E-04
605932	4122680	2.81E-04	2.77E-04	2.74E-04	1.61E-05	3.46E-05	8.83E-04	Residence	1.20E-08	2.90E-07	3.20E-07	3.55E-08	0.66	0.00	2.81E-04	2.77E-04	2.74E-04	2.61E-05	3.18E-05	8.90E-04
605952	4122680	2.75E-04	2.72E-04	2.70E-04	1.58E-05	3.42E-05	8.67E-04	Residence	1.18E-08	2.85E-07	3.14E-07	3.49E-08	0.65	0.00	2.75E-04	2.72E-04	2.70E-04	2.57E-05	3.15E-05	8.75E-04
605972	4122680	2.68E-04	2.66E-04	2.63E-04	1.56E-05	3.38E-05	8.46E-04	Residence	1.15E-08	2.78E-07	3.06E-07	3.40E-08	0.63	0.00	2.68E-04	2.66E-04	2.63E-04	2.53E-05	3.11E-05	8.53E-04
606252	4122680	1.83E-04	1.81E-04	1.80E-04	1.06E-05	2.79E-05	5.82E-04	Residence	7.90E-09	1.91E-07	2.11E-07	2.34E-08	0.43	0.00	1.83E-04	1.81E-04	1.80E-04	1.73E-05	2.56E-05	5.87E-04
606272	4122680	1.77E-04	1.76E-04	1.75E-04	1.03E-05	2.73E-05	5.65E-04	Residence	7.67E-09	1.86E-07	2.05E-07	2.27E-08	0.42	0.00	1.77E-04	1.76E-04	1.75E-04	1.67E-05	2.52E-05	5.70E-04
606312	4122680	1.67E-04	1.66E-04	1.65E-04	9.54E-06	2.63E-05	5.33E-04	Residence	7.23E-09	1.75E-07	1.93E-07	2.14E-08	0.40	0.00	1.67E-04	1.66E-04	1.65E-04	1.55E-05	2.42E-05	5.37E-04
606352	4122680	1.56E-04	1.55E-04	1.55E-04	8.86E-06	2.53E-05	5.01E-04	Residence	6.79E-09	1.64E-07	1.81E-07	2.01E-08	0.37	0.00	1.56E-04	1.55E-04	1.55E-04	1.44E-05	2.33E-05	5.04E-04
606372	4122680	1.52E-04	1.51E-04	1.50E-04	8.55E-06	2.48E-05	4.86E-04	Residence	6.59E-09	1.60E-07	1.76E-07	1.95E-08	0.36	0.00	1.52E-04	1.51E-04	1.50E-04	1.39E-05	2.28E-05	4.89E-04
606392	4122680	1.48E-04	1.47E-04	1.46E-04	8.26E-06	2.43E-05	4.73E-04	Residence	6.41E-09	1.55E-07	1.71E-07	1.90E-08	0.35	0.00	1.48E-04	1.47E-04	1.46E-04	1.34E-05	2.24E-05	4.76E-04
606412	4122680	1.42E-04	1.41E-04	1.41E-04	7.98E-06	2.38E-05	4.56E-04	Residence	6.19E-09	1.50E-07	1.65E-07	1.83E-08	0.34	0.00	1.42E-04	1.41E-04	1.41E-04	1.30E-05	2.19E-05	4.59E-04
606432	4122680	1.38E-04	1.37E-04	1.37E-04	7.72E-06	2.33E-05	4.43E-04	Residence	6.01E-09	1.46E-07	1.61E-07	1.78E-08	0.33	0.00	1.38E-04	1.37E-04	1.37E-04	1.25E-05	2.15E-05	4.46E-04

606452	4122680	1.34E-04	1.33E-04	1.33E-04	7.47E-06	2.28E-05	4.30E-04	Residence	5.84E-09	1.41E-07	1.56E-07	1.73E-08	0.32	0.00	1.34E-04	1.33E-04	1.33E-04	1.21E-05	2.10E-05	4.33E-04
606472	4122680	1.30E-04	1.30E-04	1.29E-04	7.23E-06	2.23E-05	4.19E-04	Residence	5.68E-09	1.38E-07	1.52E-07	1.68E-08	0.31	0.00	1.30E-04	1.30E-04	1.29E-04	1.18E-05	2.06E-05	4.22E-04
606492	4122680	1.27E-04	1.27E-04	1.26E-04	7.01E-06	2.19E-05	4.09E-04	Residence	5.54E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.27E-04	1.27E-04	1.26E-04	1.14E-05	2.01E-05	4.11E-04
606512	4122680	1.22E-04	1.21E-04	1.21E-04	6.78E-06	2.14E-05	3.92E-04	Residence	5.31E-09	1.29E-07	1.42E-07	1.57E-08	0.29	0.00	1.22E-04	1.21E-04	1.21E-04	1.10E-05	1.97E-05	3.94E-04
606532	4122680	1.19E-04	1.18E-04	1.18E-04	6.57E-06	2.09E-05	3.83E-04	Residence	5.19E-09	1.26E-07	1.39E-07	1.54E-08	0.28	0.00	1.19E-04	1.18E-04	1.18E-04	1.07E-05	1.92E-05	3.85E-04
606552	4122680	1.16E-04	1.15E-04	1.15E-04	6.37E-06	2.04E-05	3.73E-04	Residence	5.06E-09	1.23E-07	1.35E-07	1.50E-08	0.28	0.00	1.16E-04	1.15E-04	1.15E-04	1.03E-05	1.88E-05	3.76E-04
606572	4122680	1.15E-04	1.14E-04	1.14E-04	6.17E-06	2.00E-05	3.69E-04	Residence	5.01E-09	1.21E-07	1.34E-07	1.48E-08	0.27	0.00	1.15E-04	1.14E-04	1.14E-04	1.00E-05	1.84E-05	3.71E-04
606592	4122680	1.12E-04	1.11E-04	1.11E-04	5.98E-06	1.95E-05	3.60E-04	Residence	4.88E-09	1.18E-07	1.30E-07	1.45E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	9.72E-06	1.80E-05	3.62E-04
606612	4122680	1.09E-04	1.09E-04	1.08E-04	5.80E-06	1.91E-05	3.51E-04	Residence	4.76E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	1.09E-04	1.09E-04	1.08E-04	9.43E-06	1.75E-05	3.53E-04
606632	4122680	1.06E-04	1.06E-04	1.06E-04	5.63E-06	1.86E-05	3.42E-04	Residence	4.64E-09	1.12E-07	1.24E-07	1.37E-08	0.25	0.00	1.06E-04	1.06E-04	1.06E-04	9.15E-06	1.71E-05	3.44E-04
606652	4122680	1.05E-04	1.04E-04	1.04E-04	5.47E-06	1.82E-05	3.36E-04	Residence	4.56E-09	1.10E-07	1.22E-07	1.35E-08	0.25	0.00	1.05E-04	1.04E-04	1.04E-04	8.88E-06	1.67E-05	3.38E-04
606732	4122680	9.94E-05	9.90E-05	9.87E-05	4.92E-06	1.66E-05	3.19E-04	Worker	4.32E-09	1.05E-07	1.15E-07	1.28E-08	0.24	0.00	9.94E-05	9.90E-05	9.87E-05	8.00E-06	1.53E-05	3.20E-04
606752	4122680	9.78E-05	9.74E-05	9.70E-05	4.81E-06	1.63E-05	3.13E-04	Worker	4.25E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	9.78E-05	9.74E-05	9.70E-05	7.82E-06	1.50E-05	3.15E-04
606772	4122680	9.64E-05	9.60E-05	9.56E-05	4.71E-06	1.59E-05	3.09E-04	Worker	4.19E-09	1.01E-07	1.12E-07	1.24E-08	0.23	0.00	9.64E-05	9.60E-05	9.56E-05	7.65E-06	1.46E-05	3.10E-04
606792	4122680	9.52E-05	9.47E-05	9.44E-05	4.61E-06	1.56E-05	3.04E-04	Worker	4.13E-09	1.00E-07	1.10E-07	1.22E-08	0.23	0.00	9.52E-05	9.47E-05	9.44E-05	7.50E-06	1.43E-05	3.06E-04
606812	4122680	9.39E-05	9.35E-05	9.31E-05	4.52E-06	1.53E-05	3.00E-04	Worker	4.07E-09	9.86E-08	1.09E-07	1.21E-08	0.22	0.00	9.39E-05	9.35E-05	9.31E-05	7.35E-06	1.40E-05	3.02E-04
606832	4122680	9.25E-05	9.20E-05	9.16E-05	4.44E-06	1.49E-05	2.96E-04	Worker	4.01E-09	9.71E-08	1.07E-07	1.19E-08	0.22	0.00	9.25E-05	9.20E-05	9.16E-05	7.22E-06	1.37E-05	2.97E-04
606852	4122680	9.12E-05	9.07E-05	9.04E-05	4.36E-06	1.46E-05	2.91E-04	Worker	3.95E-09	9.57E-08	1.05E-07	1.17E-08	0.22	0.00	9.12E-05	9.07E-05	9.04E-05	7.09E-06	1.35E-05	2.93E-04
606872	4122680	9.02E-05	8.98E-05	8.94E-05	4.29E-06	1.43E-05	2.88E-04	Worker	3.91E-09	9.46E-08	1.04E-07	1.16E-08	0.21	0.00	9.02E-05	8.98E-05	8.94E-05	6.97E-06	1.32E-05	2.90E-04
606892	4122680	8.95E-05	8.91E-05	8.87E-05	4.22E-06	1.41E-05	2.86E-04	Worker	3.87E-09	9.38E-08	1.03E-07	1.15E-08	0.21	0.00	8.95E-05	8.91E-05	8.87E-05	6.85E-06	1.29E-05	2.87E-04
606992	4122680	8.45E-05	8.41E-05	8.37E-05	3.88E-06	1.28E-05	2.69E-04	Worker	3.65E-09	8.83E-08	9.74E-08	1.08E-08	0.20	0.00	8.45E-05	8.41E-05	8.37E-05	6.31E-06	1.18E-05	2.70E-04
607012	4122680	8.38E-05	8.33E-05	8.29E-05	3.82E-06	1.25E-05	2.66E-04	Worker	3.61E-09	8.75E-08	9.64E-08	1.07E-08	0.20	0.00	8.38E-05	8.33E-05	8.29E-05	6.21E-06	1.15E-05	2.68E-04
607032	4122680	8.30E-05	8.25E-05	8.21E-05	3.76E-06	1.23E-05	2.64E-04	Worker	3.58E-09	8.66E-08	9.54E-08	1.06E-08	0.20	0.00	8.30E-05	8.25E-05	8.21E-05	6.11E-06	1.13E-05	2.65E-04
605632	4122700	3.33E-04	3.30E-04	3.27E-04	1.89E-05	3.88E-05	1.05E-03	Residence	1.42E-08	3.44E-07	3.79E-07	4.21E-08	0.78	0.00	3.33E-04	3.30E-04	3.27E-04	3.07E-05	3.57E-05	1.06E-03
605652	4122700	3.32E-04	3.29E-04	3.25E-04	1.88E-05	3.86E-05	1.04E-03	Residence	1.41E-08	3.43E-07	3.78E-07	4.19E-08	0.78	0.00	3.32E-04	3.29E-04	3.25E-04	3.06E-05	3.55E-05	1.05E-03
605672	4122700	3.30E-04	3.27E-04	3.24E-04	1.87E-05	3.84E-05	1.04E-03	Residence	1.41E-08	3.41E-07	3.76E-07	4.17E-08	0.77	0.00	3.30E-04	3.27E-04	3.24E-04	3.04E-05	3.53E-05	1.05E-03
605692	4122700	3.28E-04	3.25E-04	3.21E-04	1.85E-05	3.81E-05	1.03E-03	Residence	1.40E-08	3.39E-07	3.73E-07	4.14E-08	0.77	0.00	3.28E-04	3.25E-04	3.21E-04	3.01E-05	3.50E-05	1.04E-03
605712	4122700	3.26E-04	3.22E-04	3.18E-04	1.83E-05	3.77E-05	1.02E-03	Residence	1.39E-08	3.36E-07	3.70E-07	4.11E-08	0.76	0.00	3.26E-04	3.22E-04	3.18E-04	2.97E-05	3.47E-05	1.03E-03
605752	4122700	3.17E-04	3.14E-04	3.10E-04	1.78E-05	3.69E-05	9.96E-04	Residence	1.35E-08	3.27E-07	3.60E-07	4.00E-08	0.74	0.00	3.17E-04	3.14E-04	3.10E-04	2.89E-05	3.40E-05	1.00E-03
605772	4122700	3.13E-04	3.10E-04	3.06E-04	1.75E-05	3.65E-05	9.83E-04	Residence	1.33E-08	3.23E-07	3.56E-07	3.95E-08	0.73	0.00	3.13E-04	3.10E-04	3.06E-04	2.84E-05	3.36E-05	9.91E-04
605792	4122700	3.09E-04	3.05E-04	3.02E-04	1.72E-05	3.60E-05	9.69E-04	Residence	1.31E-08	3.18E-07	3.51E-07	3.90E-08	0.72	0.00	3.09E-04	3.05E-04	3.02E-04	2.79E-05	3.31E-05	9.77E-04
605812	4122700	3.04E-04	3.01E-04	2.97E-04	1.69E-05	3.55E-05	9.55E-04	Residence	1.29E-08	3.14E-07	3.46E-07	3.84E-08	0.71	0.00	3.04E-04	3.01E-04	2.97E-04	2.75E-05	3.27E-05	9.62E-04
605852	4122700	2.93E-04	2.90E-04	2.86E-04	1.63E-05	3.46E-05	9.20E-04	Residence	1.25E-08	3.02E-07	3.33E-07	3.70E-08	0.68	0.00	2.93E-04	2.90E-04	2.86E-04	2.65E-05	3.18E-05	9.27E-04
605872	4122700	2.90E-04	2.86E-04	2.83E-04	1.60E-05	3.42E-05	9.09E-04	Residence	1.23E-08	2.99E-07	3.29E-07	3.65E-08	0.68	0.00	2.90E-04	2.86E-04	2.83E-04	2.61E-05	3.15E-05	9.16E-04
605892	4122700	2.84E-04	2.81E-04	2.77E-04	1.58E-05	3.38E-05	8.91E-04	Residence	1.21E-08	2.93E-07	3.23E-07	3.58E-08	0.66	0.00	2.84E-04	2.81E-04	2.77E-04	2.57E-05	3.11E-05	8.98E-04
605932	4122700	2.71E-04	2.68E-04	2.65E-04	1.53E-05	3.30E-05	8.51E-04	Residence	1.15E-08	2.80E-07	3.08E-07	3.42E-08	0.63	0.00	2.71E-04	2.68E-04	2.65E-04	2.49E-05	3.03E-05	8.58E-04
605952	4122700	2.66E-04	2.63E-04	2.60E-04	1.51E-05	3.26E-05	8.38E-04	Residence	1.14E-08	2.75E-07	3.03E-07	3.37E-08	0.62	0.00	2.66E-04	2.63E-04	2.60E-04	2.45E-05	3.00E-05	8.44E-04
605972	4122700	2.58E-04	2.55E-04	2.53E-04	1.49E-05	3.23E-05	8.13E-04	Residence	1.10E-08	2.67E-07	2.94E-07	3.27E-08	0.61	0.00	2.58E-04	2.55E-04	2.53E-04	2.41E-05	2.97E-05	8.20E-04
605992	4122700	2.52E-04	2.50E-04	2.47E-04	1.46E-05	3.19E-05	7.96E-04	Residence	1.08E-08	2.61E-07	2.88E-07	3.20E-08	0.59	0.00	2.52E-04	2.50E-04	2.47E-04	2.38E-05	2.94E-05	8.02E-04
606012	4122700	2.47E-04	2.44E-04	2.42E-04	1.44E-05	3.16E-05	7.80E-04	Residence	1.06E-08	2.56E-07	2.82E-07	3.13E-08	0.58	0.00	2.47E-04	2.44E-04	2.42E-04	2.34E-05	2.91E-05	7.86E-04
606032	4122700	2.40E-04	2.38E-04	2.36E-04	1.41E-05	3.13E-05	7.60E-04	Residence	1.03E-08	2.50E-07	2.75E-07	3.06E-08	0.57	0.00	2.40E-04	2.38E-04	2.36E-04	2.29E-05	2.88E-05	7.66E-04
606112	4122700	2.16E-04	2.14E-04	2.13E-04	1.28E-05	2.98E-05	6.86E-04	Residence	9.30E-09	2.25E-07	2.48E-07	2.76E-08	0.51	0.00	2.16E-04	2.14E-04	2.13E-04	2.09E-05	2.74E-05	6.91E-04
606132	4122700	2.09E-04	2.07E-04	2.06E-04	1.25E-05	2.94E-05	6.64E-04	Residence	9.01E-09	2.18E-07	2.41E-07	2.67E-08	0.49	0.00	2.09E-04	2.07E-04	2.06E-04	2.03E-05	2.70E-05	6.70E-04
606412	4122700	1.40E-04	1.39E-04	1.38E-04	7.71E-06	2.29E-05	4.48E-04	Residence	6.07E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.40E-04	1.39E-04	1.38E-04	1.25E-05	2.11E-05	4.51E-04
606432	4122700	1.36E-04	1.35E-04	1.35E-04	7.46E-06	2.25E-05	4.35E-04	Residence	5.90E-09	1.43E-07	1.58E-07	1.75E-08	0.32	0.00	1.36E-04	1.35E-04	1.35E-04	1.21E-05	2.07E-05	4.38E-04
606452	4122700	1.32E-04	1.31E-04	1.31E-04	7.22E-06	2.20E-05	4.23E-04	Residence	5.74E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.32E-04	1.31E-04	1.31E-04	1.17E-05	2.03E-05	4.26E-04
606472	4122700	1.28E-04	1.28E-04	1.27E-04	7.00E-06	2.16E-05	4.11E-04	Residence	5.58E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.28E-04	1.28E-04	1.27E-04	1.14E-05	1.98E-05	4.14E-04
606492	4122700	1.25E-04	1.24E-04	1.24E-04	6.78E-06	2.11E-05	4.01E-04	Residence	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	1.25E-04	1.24E-04	1.24E-04	1.10E-05	1.94E-05	4.03E-04
606512	4122700	1.21E-04	1.21E-04	1.20E-04	6.58E-06	2.07E-05	3.89E-04	Residence	5.28E-09	1.28E-07	1.41E-07	1.56E-08	0.29	0.00	1.21E-04	1.21E-04	1.20E-04	1.07E-05	1.90E-05	3.91E-04
606532	4122700	1.17E-04	1.17E-04	1.16E-04	6.37E-06	2.02E-05	3.77E-04	Residence	5.12E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.17E-04	1.17E-04	1.16E-04	1.04E-05	1.86E-05	3.80E-04
606552	4122700	1.15E-04	1.15E-04	1.14E-04	6.18E-06	1.98E-05	3.70E-04	Residence	5.02E-09	1.21E-07	1.34E-07	1.49E-08	0.28	0.00	1.15E-04	1.15E-04	1.14E-04	1.00E-05	1.82E-05	3.72E-04
606572	4122700	1.13E-04	1.13E-04	1.12E-04	6.00E-06	1.93E-05	3.64E-04	Residence	4.93E-09	1.19E-07	1.32E-07	1.46E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	9.75E-06	1.78E-05	3.66E-04
606592	4122700	1.10E-04	1.10E-04	1.09E-04	5.82E-06	1.89E-05	3.53E-04	Residence	4.79E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.10E-04	1.10E-04	1.09E-04	9.45E-06	1.74E-05	3.56E-04
606612	4122700	1.07E-04	1.07E-04	1.07E-04	5.64E-06	1.85E-05	3.45E-04	Residence	4.68E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	1.07E-04	1.07E-04	1.07E-04	9.17E-06	1.70E-05	3.47E-04
606632	4122700	1.05E-04	1.05E-04	1.04E-04	5.48E-06	1.81E-05	3.38E-04	Residence	4.59E-09	1.11E-07	1.22E-07	1.36E-08	0.25	0.00	1.05E-04	1.05E-04	1.04E-04	8.90E-06	1.66E-05	3.40E-04
606652	4122700	1.03E-04	1.03E-04	1.02E-04	5.32E-06	1.77E-05	3.31E-04	Residence	4.49E-09	1.09E-07	1.20E-07	1.33E-08	0.25	0.00	1.03E-04	1.03E-04	1.02E-04	8.64E-06	1.63E-05	3.33E-04
606732	4122700	9.78E-05	9.74E-05	9.71E-05	4.79E-06	1.62E-05	3.13E-04	Worker	4.25E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	9.78E-05	9.74E-05	9.71E-05	7.78E-06	1.49E-05	3.15E-04
606752	4122700	9.64E-05	9.60E-05	9.56E-05	4.68E-06	1.58E-05	3.08E-04	Worker	4.18E-09	1.01E-07	1.12E-07	1.24E-08	0.23	0.00	9.64E-05	9.60E-05	9.56E-05	7.60E-06	1.46E-05	3.10E-04
606772	4122700	9.50E-05	9.46E-05	9.43E-05	4.58E-06	1.55E-05	3.04E-04	Worker	4.12E-09	9.99E-08	1.10E-07	1.22E-08	0.23	0.00	9.50E-05	9.46E-05	9.43E-05	7.44E-06	1.43E-05	3.06E-04
606792	4122700	9.36E-05	9.32E-05	9.28E-05	4.48E-06	1.52E-05	2.99E-04	Worker	4.06E-09	9.83E-08	1.08E-07	1.20E-08	0.22	0.00	9.36E-05	9.32E-05	9.28E-05	7.29E-06	1.40E-05	3.01E-04
606812	4122700	9.21E-05	9.17E-05	9.13E-05	4.40E-06	1.49E-05	2.94E-04	Worker	3.99E-09	9.67E-08	1.07E-07	1.18E-08	0.22	0.00	9.21E-05	9.17E-05	9.13E-05	7.14E-06	1.37E-05	2.96E-04
606832	4122700	9.06E-05	9.02E-05	8.98E-05	4.32E-06	1.46E-05	2.89E-04	Worker	3.93E-09	9.51E-08	1.05E-07	1.16E-08	0.22	0.00	9.06E-05	9.02E-05	8.98E-05	7.01E-06	1.34E-05	2.91E-04
606852	4122700	8.94E-05	8.90E-05	8.86E-05	4.24E-06	1.43E-05	2.86E-04	Worker	3.87E-09	9.38E-08	1.03E-07	1.15E-08	0.21	0.00	8.94E-05	8.90E-05	8.86E-05	6.89E-06	1.31E-05	2.87E-04
606872	4122700	8.88E-05	8.84E-05	8.80E-05	4.17E-06	1.40E-05	2.83E-04	Worker	3.84E-09	9.31E-08	1.03E-07	1.14E-08	0.21	0.00	8.88E-05	8.84E-05	8.80E-05	6.77E-06	1.29E-05	2.85E-04
605632	4122720	3.22E-04	3.19E-04	3.16E-04	1.81E-05	3.71E-05	1.01E-03	Residence	1.37E-08	3.32E-07	3.66E-07	4.07E-08	0.75	0.00	3.22E-04	3.19E-04	3.16E-04	2.94E-05	3.41E-05	1.02E-03
605652	4122720	3.21E-04	3.18E-04	3.15E-04	1.79E-05	3.69E-05	1.01E-03	Residence	1.37E-08	3.31E-07	3.65E-07	4.05E-08	0.75	0.00	3.21E-04	3.18E-04	3.15E-04	2.92E-05	3.39E-05	1.02E-03
605672	4122720	3.19E-04	3.16E-04	3.13E-04	1.78E-05	3.66E-05	1.00E-03	Residence	1.36E-08	3.29E-07	3.63E-07	4.03E-08	0.75	0.00	3.19E-04	3.16E-04	3.13E-04	2.89E-05	3.37E-05	1.01E-03
605692	4122720	3.18E-04	3.15E-04	3.12E-04	1.76E-05	3.63E-05	9.99E-04	Residence	1.35E-08	3.28E-07	3.62E-07	4.01E-08	0.74	0.00	3.18E-04	3.15E-04	3.12E-04	2.86E-05	3.34E-05	1.01E-03
605712	4122720	3.15E-04	3.12E-04	3.08E-04	1.74E-05	3.60E-05	9.88E-04	Residence	1.34E-08	3.25E-07	3.58E-07	3.97E-08	0.74	0.00	3.15E-04	3.12E-04	3.08E-04	2.83E-05	3.31E-05	9.96E-04
605752	4122720	3.07E-04	3.04E-04	3.00E-04	1.69E-05	3.52E-05	9.63E-04	Residence	1.31E-08	3.16E-07	3.48E-07	3.87E-08	0.72	0.00	3.07E-04	3.04E-04	3.00E-04	2.74E-05	3.23E-05	9.70E-04
605812	4122720	2.95E-04	2.92E-04	2.88E-04	1.61E-05	3.39E-05	9.25E-04	Residence	1.25E-08	3.04E-07	3.35E-07	3.72E-08	0.69	0.00	2.95E-04	2.92E-04	2.88E-04	2.61E-05	3.12E-05	9.33E-04
605872	4122720	2.79E-04	2.76E-04	2.73E-04	1.53E-05	3.26E-05	8.77E-04	Residence	1.19E-08	2.88E-07	3.17E-07	3.52E-08	0.65	0.00	2.79E-04	2.76E-04	2.73E-04	2.48E-05	3.00E-05	8.84E-04
605892	4122720	2.74E-04	2.71E-04	2.68E-04	1.50E-05	3.22E-05	8.60E-04	Residence	1.17E-08	2.82E-07	3.11E-07	3.46E-08	0.64	0.00	2.74E-04	2.71E-04	2.68E-04	2.44E-05	2.96E-05	8.67E-04
605952	4122720	2.57E-04	2.55E-04	2.52E-04	1.44E-05	3.12E-05	8.09E-04	Residence	1.10E-08	2.66E-07	2.93E-07	3.25E-08	0.60	0.00	2.57E-04	2.55E-04	2.52E-04	2.34E-05	2.87E-05	8.16E-04
605972	4122720	2.49E-04	2.47E-04	2.45E-04	1.42E-05	3.08E-05	7.86E-04	Residence	1.07E-08	2.58E-07	2.84E-07	3.16E-08	0.58	0.00	2.49E-04	2.47E-04	2.45E-04	2.30E-05	2.84E-05	7.92E-04
605992	4122720	2.44E-04	2.42E-04	2.40E-04	1.40E-05	3.05E-05	7.70E-04	Residence	1.04E-08	2.53E-07	2.79E-07	3.10E-08	0.57	0.00	2.44E-04	2.42E-04	2.40E-04	2.27E-05	2.81E-05	7.76E-04
606112	4122720	2.10E-04	2.09E-04	2.07E-04	1.23E-05	2.85E-05	6.67E-04	Residence	9.05E-09	2.19E-07	2.41E-07	2.68E-08	0.50	0.00	2.10E-04	2.09E-04	2.07E-04	1.99E-05	2.62E-05	6.72E-04
606132	4122720	2.03E-04	2.02E-04	2.00E-04	1.19E-05	2.81E-05	6.45E-04	Residence	8.74E-09	2.12E-07	2.33E-07	2.59E-08	0.48	0.00	2.03E-04	2.02E-04	2.00E-04	1.94E-05	2.59E-05	6.50E-04
606152	4122720	1.99E-04	1.97E-04	1.96E-04	1.16E-05	2.77E-05	6.31E-04	Residence	8.55E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.99E-04	1.97E-04	1.96E-04	1.88E-05	2.55E-05	6.36E-04
606172	4122720	1.94E-04	1.93E-04	1.91E-04	1.12E-05	2.73E-05	6.17E-04	Residence	8.37E-09	2.03E-07	2.23E-07	2.48E-08	0.46	0.00	1.94E-04	1.93E-04	1.91E-04	1.82E-05	2.52E-05	6.22E-04
606192	4122720	1.91E-04	1.89E-04	1.88E-04	1.09E-05	2.69E-05	6.05E-04	Residence	8.21E-09	1.99E-07	2.19E-07	2.43E-08	0.45	0.00	1.91E-04	1.89E-04	1.88E-04	1.76E-05	2.48E-05	6.10E-04
606212	4122720	1.86E-04	1.84E-04	1.83E-04	1.05E-05	2.65E-05	5.90E-04	Residence	8.00E-09	1.94E-07	2.13E-07	2.37E-08	0.44	0.00	1.86E-04	1.84E-04	1.83E-04	1.71E-05	2.44E-05	5.94E-04
606232	4122720	1.80E-04	1.79E-04	1.78E-04	1.02E-05	2.61E-05	5.73E-04	Residence	7.77E-09	1.88E-07	2.07E-07	2.30E-08	0.43	0.00	1.80E-04	1.79E-04	1.78E-04	1.65E-05	2.40E-05	5.77E-04

606252	4122720	1.74E-04	1.73E-04	1.72E-04	9.81E-06	2.56E-05	5.55E-04	Residence	7.53E-09	1.82E-07	2.01E-07	2.23E-08	0.41	0.00	1.74E-04	1.73E-04	1.72E-04	1.59E-05	2.36E-05	5.59E-04
606272	4122720	1.69E-04	1.68E-04	1.67E-04	9.47E-06	2.52E-05	5.39E-04	Residence	7.31E-09	1.77E-07	1.95E-07	2.17E-08	0.40	0.00	1.69E-04	1.68E-04	1.67E-04	1.54E-05	2.32E-05	5.43E-04
606292	4122720	1.65E-04	1.64E-04	1.62E-04	9.15E-06	2.48E-05	5.24E-04	Residence	7.11E-09	1.72E-07	1.90E-07	2.11E-08	0.39	0.00	1.65E-04	1.64E-04	1.62E-04	1.49E-05	2.28E-05	5.28E-04
606312	4122720	1.60E-04	1.59E-04	1.58E-04	8.83E-06	2.43E-05	5.10E-04	Residence	6.92E-09	1.68E-07	1.85E-07	2.05E-08	0.38	0.00	1.60E-04	1.59E-04	1.58E-04	1.43E-05	2.24E-05	5.14E-04
606352	4122720	1.51E-04	1.50E-04	1.49E-04	8.24E-06	2.34E-05	4.82E-04	Residence	6.54E-09	1.58E-07	1.74E-07	1.94E-08	0.36	0.00	1.51E-04	1.50E-04	1.49E-04	1.34E-05	2.16E-05	4.85E-04
606372	4122720	1.47E-04	1.46E-04	1.45E-04	7.96E-06	2.30E-05	4.68E-04	Residence	6.35E-09	1.54E-07	1.70E-07	1.88E-08	0.35	0.00	1.47E-04	1.46E-04	1.45E-04	1.29E-05	2.12E-05	4.72E-04
606412	4122720	1.37E-04	1.37E-04	1.36E-04	7.45E-06	2.21E-05	4.39E-04	Residence	5.95E-09	1.44E-07	1.59E-07	1.76E-08	0.33	0.00	1.37E-04	1.37E-04	1.36E-04	1.21E-05	2.03E-05	4.42E-04
606432	4122720	1.33E-04	1.33E-04	1.32E-04	7.21E-06	2.17E-05	4.27E-04	Residence	5.79E-09	1.40E-07	1.55E-07	1.72E-08	0.32	0.00	1.33E-04	1.33E-04	1.32E-04	1.17E-05	1.99E-05	4.30E-04
606452	4122720	1.30E-04	1.29E-04	1.29E-04	6.99E-06	2.13E-05	4.16E-04	Residence	5.64E-09	1.37E-07	1.51E-07	1.67E-08	0.31	0.00	1.30E-04	1.29E-04	1.29E-04	1.14E-05	1.96E-05	4.18E-04
606472	4122720	1.26E-04	1.26E-04	1.25E-04	6.78E-06	2.08E-05	4.04E-04	Residence	5.48E-09	1.33E-07	1.46E-07	1.62E-08	0.30	0.00	1.26E-04	1.26E-04	1.25E-04	1.10E-05	1.92E-05	4.07E-04
606492	4122720	1.23E-04	1.23E-04	1.22E-04	6.57E-06	2.04E-05	3.96E-04	Residence	5.37E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.23E-04	1.23E-04	1.22E-04	1.07E-05	1.88E-05	3.98E-04
606512	4122720	1.20E-04	1.19E-04	1.19E-04	6.38E-06	2.00E-05	3.84E-04	Residence	5.21E-09	1.26E-07	1.39E-07	1.54E-08	0.29	0.00	1.20E-04	1.19E-04	1.19E-04	1.04E-05	1.84E-05	3.86E-04
606532	4122720	1.16E-04	1.16E-04	1.15E-04	6.19E-06	1.96E-05	3.73E-04	Residence	5.05E-09	1.22E-07	1.35E-07	1.50E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	1.01E-05	1.80E-05	3.75E-04
606552	4122720	1.14E-04	1.13E-04	1.13E-04	6.00E-06	1.92E-05	3.65E-04	Residence	4.95E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	1.14E-04	1.13E-04	1.13E-04	9.76E-06	1.76E-05	3.67E-04
606572	4122720	1.11E-04	1.11E-04	1.10E-04	5.83E-06	1.87E-05	3.56E-04	Residence	4.83E-09	1.17E-07	1.29E-07	1.43E-08	0.27	0.00	1.11E-04	1.11E-04	1.10E-04	9.47E-06	1.72E-05	3.59E-04
606592	4122720	1.09E-04	1.08E-04	1.08E-04	5.66E-06	1.83E-05	3.49E-04	Residence	4.73E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	1.09E-04	1.08E-04	1.08E-04	9.19E-06	1.69E-05	3.51E-04
606612	4122720	1.06E-04	1.06E-04	1.05E-04	5.49E-06	1.79E-05	3.41E-04	Residence	4.63E-09	1.12E-07	1.23E-07	1.37E-08	0.25	0.00	1.06E-04	1.06E-04	1.05E-04	8.92E-06	1.65E-05	3.43E-04
606632	4122720	1.04E-04	1.04E-04	1.04E-04	5.33E-06	1.75E-05	3.35E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.35E-08	0.25	0.00	1.04E-04	1.04E-04	1.04E-04	8.67E-06	1.61E-05	3.37E-04
606652	4122720	1.03E-04	1.02E-04	1.02E-04	5.18E-06	1.72E-05	3.30E-04	Residence	4.47E-09	1.08E-07	1.19E-07	1.32E-08	0.25	0.00	1.03E-04	1.02E-04	1.02E-04	8.42E-06	1.58E-05	3.31E-04
606732	4122720	9.64E-05	9.60E-05	9.56E-05	4.66E-06	1.57E-05	3.08E-04	Worker	4.18E-09	1.01E-07	1.12E-07	1.24E-08	0.23	0.00	9.64E-05	9.60E-05	9.56E-05	7.58E-06	1.45E-05	3.10E-04
606752	4122720	9.48E-05	9.45E-05	9.41E-05	4.55E-06	1.54E-05	3.03E-04	Worker	4.11E-09	9.97E-08	1.10E-07	1.22E-08	0.23	0.00	9.48E-05	9.45E-05	9.41E-05	7.40E-06	1.42E-05	3.05E-04
606772	4122720	9.35E-05	9.31E-05	9.28E-05	4.45E-06	1.51E-05	2.99E-04	Worker	4.05E-09	9.82E-08	1.08E-07	1.20E-08	0.22	0.00	9.35E-05	9.31E-05	9.28E-05	7.24E-06	1.39E-05	3.01E-04
606792	4122720	9.18E-05	9.15E-05	9.11E-05	4.36E-06	1.48E-05	2.94E-04	Worker	3.98E-09	9.64E-08	1.06E-07	1.18E-08	0.22	0.00	9.18E-05	9.15E-05	9.11E-05	7.09E-06	1.36E-05	2.95E-04
606812	4122720	9.04E-05	9.00E-05	8.96E-05	4.28E-06	1.45E-05	2.89E-04	Worker	3.91E-09	9.48E-08	1.04E-07	1.16E-08	0.21	0.00	9.04E-05	9.00E-05	8.96E-05	6.95E-06	1.33E-05	2.90E-04
606832	4122720	8.92E-05	8.88E-05	8.85E-05	4.20E-06	1.42E-05	2.85E-04	Worker	3.86E-09	9.36E-08	1.03E-07	1.15E-08	0.21	0.00	8.92E-05	8.88E-05	8.85E-05	6.82E-06	1.30E-05	2.86E-04
606852	4122720	8.82E-05	8.78E-05	8.75E-05	4.12E-06	1.39E-05	2.82E-04	Worker	3.82E-09	9.25E-08	1.02E-07	1.13E-08	0.21	0.00	8.82E-05	8.78E-05	8.75E-05	6.70E-06	1.28E-05	2.83E-04
607032	4122720	8.09E-05	8.05E-05	8.01E-05	3.57E-06	1.18E-05	2.57E-04	Worker	3.48E-09	8.44E-08	9.30E-08	1.03E-08	0.19	0.00	8.09E-05	8.05E-05	8.01E-05	5.81E-06	1.08E-05	2.58E-04
605632	4122740	3.10E-04	3.07E-04	3.04E-04	1.73E-05	3.54E-05	9.73E-04	Residence	1.32E-08	3.20E-07	3.52E-07	3.91E-08	0.72	0.00	3.10E-04	3.07E-04	3.04E-04	2.80E-05	3.26E-05	9.81E-04
605652	4122740	3.09E-04	3.05E-04	3.02E-04	1.71E-05	3.52E-05	9.69E-04	Residence	1.31E-08	3.18E-07	3.51E-07	3.89E-08	0.72	0.00	3.09E-04	3.05E-04	3.02E-04	2.78E-05	3.24E-05	9.77E-04
605672	4122740	3.08E-04	3.05E-04	3.02E-04	1.70E-05	3.49E-05	9.67E-04	Residence	1.31E-08	3.18E-07	3.50E-07	3.89E-08	0.72	0.00	3.08E-04	3.05E-04	3.02E-04	2.76E-05	3.21E-05	9.75E-04
605692	4122740	3.07E-04	3.04E-04	3.00E-04	1.68E-05	3.46E-05	9.62E-04	Residence	1.30E-08	3.16E-07	3.48E-07	3.87E-08	0.72	0.00	3.07E-04	3.04E-04	3.00E-04	2.73E-05	3.19E-05	9.70E-04
605712	4122740	3.04E-04	3.01E-04	2.98E-04	1.66E-05	3.43E-05	9.54E-04	Residence	1.29E-08	3.14E-07	3.46E-07	3.84E-08	0.71	0.00	3.04E-04	3.01E-04	2.98E-04	2.69E-05	3.16E-05	9.62E-04
605752	4122740	2.96E-04	2.93E-04	2.90E-04	1.61E-05	3.35E-05	9.29E-04	Residence	1.26E-08	3.05E-07	3.36E-07	3.73E-08	0.69	0.00	2.96E-04	2.93E-04	2.90E-04	2.61E-05	3.08E-05	9.36E-04
605812	4122740	2.85E-04	2.82E-04	2.79E-04	1.53E-05	3.23E-05	8.94E-04	Residence	1.21E-08	2.94E-07	3.23E-07	3.59E-08	0.67	0.00	2.85E-04	2.82E-04	2.79E-04	2.48E-05	2.97E-05	9.01E-04
605872	4122740	2.70E-04	2.67E-04	2.64E-04	1.46E-05	3.11E-05	8.46E-04	Residence	1.15E-08	2.78E-07	3.06E-07	3.40E-08	0.63	0.00	2.70E-04	2.67E-04	2.64E-04	2.36E-05	2.86E-05	8.53E-04
605892	4122740	2.65E-04	2.62E-04	2.59E-04	1.43E-05	3.08E-05	8.30E-04	Residence	1.13E-08	2.73E-07	3.01E-07	3.34E-08	0.62	0.00	2.65E-04	2.62E-04	2.59E-04	2.33E-05	2.83E-05	8.37E-04
605952	4122740	2.49E-04	2.46E-04	2.44E-04	1.37E-05	2.98E-05	7.83E-04	Residence	1.06E-08	2.57E-07	2.83E-07	3.15E-08	0.58	0.00	2.49E-04	2.46E-04	2.44E-04	2.23E-05	2.74E-05	7.89E-04
605972	4122740	2.42E-04	2.40E-04	2.37E-04	1.35E-05	2.95E-05	7.62E-04	Residence	1.03E-08	2.50E-07	2.76E-07	3.06E-08	0.57	0.00	2.42E-04	2.40E-04	2.37E-04	2.20E-05	2.72E-05	7.68E-04
605992	4122740	2.37E-04	2.35E-04	2.33E-04	1.33E-05	2.92E-05	7.47E-04	Residence	1.01E-08	2.45E-07	2.70E-07	3.00E-08	0.56	0.00	2.37E-04	2.35E-04	2.33E-04	2.17E-05	2.69E-05	7.53E-04
606112	4122740	2.05E-04	2.03E-04	2.02E-04	1.17E-05	2.73E-05	6.49E-04	Residence	8.80E-09	2.13E-07	2.35E-07	2.61E-08	0.48	0.00	2.05E-04	2.03E-04	2.02E-04	1.91E-05	2.52E-05	6.54E-04
606132	4122740	1.98E-04	1.97E-04	1.95E-04	1.14E-05	2.70E-05	6.28E-04	Residence	8.52E-09	2.06E-07	2.27E-07	2.53E-08	0.47	0.00	1.98E-04	1.97E-04	1.95E-04	1.85E-05	2.48E-05	6.33E-04
606152	4122740	1.93E-04	1.92E-04	1.90E-04	1.11E-05	2.66E-05	6.13E-04	Residence	8.32E-09	2.01E-07	2.22E-07	2.47E-08	0.46	0.00	1.93E-04	1.92E-04	1.90E-04	1.80E-05	2.45E-05	6.18E-04
606172	4122740	1.89E-04	1.88E-04	1.86E-04	1.07E-05	2.62E-05	6.00E-04	Residence	8.14E-09	1.97E-07	2.17E-07	2.41E-08	0.45	0.00	1.89E-04	1.88E-04	1.86E-04	1.75E-05	2.41E-05	6.05E-04
606192	4122740	1.85E-04	1.84E-04	1.83E-04	1.04E-05	2.58E-05	5.88E-04	Residence	7.97E-09	1.93E-07	2.13E-07	2.36E-08	0.44	0.00	1.85E-04	1.84E-04	1.83E-04	1.69E-05	2.38E-05	5.92E-04
606212	4122740	1.80E-04	1.79E-04	1.78E-04	1.01E-05	2.54E-05	5.73E-04	Residence	7.77E-09	1.88E-07	2.07E-07	2.30E-08	0.43	0.00	1.80E-04	1.79E-04	1.78E-04	1.64E-05	2.34E-05	5.77E-04
606232	4122740	1.76E-04	1.75E-04	1.73E-04	9.75E-06	2.50E-05	5.59E-04	Residence	7.58E-09	1.84E-07	2.02E-07	2.25E-08	0.42	0.00	1.76E-04	1.75E-04	1.73E-04	1.58E-05	2.30E-05	5.63E-04
606252	4122740	1.71E-04	1.69E-04	1.68E-04	9.43E-06	2.46E-05	5.43E-04	Residence	7.36E-09	1.78E-07	1.96E-07	2.18E-08	0.40	0.00	1.71E-04	1.69E-04	1.68E-04	1.53E-05	2.27E-05	5.46E-04
606272	4122740	1.66E-04	1.65E-04	1.64E-04	9.11E-06	2.42E-05	5.28E-04	Residence	7.16E-09	1.74E-07	1.91E-07	2.12E-08	0.39	0.00	1.66E-04	1.65E-04	1.64E-04	1.48E-05	2.23E-05	5.32E-04
606292	4122740	1.61E-04	1.60E-04	1.59E-04	8.81E-06	2.38E-05	5.13E-04	Residence	6.96E-09	1.69E-07	1.86E-07	2.06E-08	0.38	0.00	1.61E-04	1.60E-04	1.59E-04	1.43E-05	2.19E-05	5.17E-04
606312	4122740	1.57E-04	1.56E-04	1.55E-04	8.51E-06	2.34E-05	4.99E-04	Residence	6.77E-09	1.64E-07	1.81E-07	2.01E-08	0.37	0.00	1.57E-04	1.56E-04	1.55E-04	1.38E-05	2.15E-05	5.03E-04
606352	4122740	1.48E-04	1.47E-04	1.47E-04	7.95E-06	2.26E-05	4.73E-04	Residence	6.41E-09	1.55E-07	1.71E-07	1.90E-08	0.35	0.00	1.48E-04	1.47E-04	1.47E-04	1.29E-05	2.08E-05	4.76E-04
606392	4122740	1.41E-04	1.40E-04	1.39E-04	7.44E-06	2.18E-05	4.49E-04	Residence	6.09E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	1.41E-04	1.40E-04	1.39E-04	1.21E-05	2.00E-05	4.52E-04
606412	4122740	1.35E-04	1.34E-04	1.34E-04	7.20E-06	2.13E-05	4.32E-04	Residence	5.85E-09	1.42E-07	1.56E-07	1.74E-08	0.32	0.00	1.35E-04	1.34E-04	1.34E-04	1.17E-05	1.96E-05	4.34E-04
606432	4122740	1.32E-04	1.31E-04	1.30E-04	6.98E-06	2.09E-05	4.21E-04	Residence	5.71E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	1.32E-04	1.31E-04	1.30E-04	1.13E-05	1.93E-05	4.23E-04
606452	4122740	1.28E-04	1.27E-04	1.27E-04	6.77E-06	2.05E-05	4.09E-04	Residence	5.54E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.28E-04	1.27E-04	1.27E-04	1.10E-05	1.89E-05	4.11E-04
606472	4122740	1.25E-04	1.24E-04	1.23E-04	6.56E-06	2.01E-05	3.99E-04	Residence	5.41E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.25E-04	1.24E-04	1.23E-04	1.07E-05	1.85E-05	4.01E-04
606492	4122740	1.21E-04	1.21E-04	1.20E-04	6.37E-06	1.97E-05	3.89E-04	Residence	5.28E-09	1.28E-07	1.41E-07	1.56E-08	0.29	0.00	1.21E-04	1.21E-04	1.20E-04	1.04E-05	1.82E-05	3.91E-04
606512	4122740	1.17E-04	1.17E-04	1.16E-04	6.18E-06	1.93E-05	3.76E-04	Residence	5.10E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.17E-04	1.17E-04	1.16E-04	1.00E-05	1.78E-05	3.78E-04
606532	4122740	1.15E-04	1.14E-04	1.14E-04	6.01E-06	1.89E-05	3.68E-04	Residence	4.99E-09	1.21E-07	1.33E-07	1.48E-08	0.27	0.00	1.15E-04	1.14E-04	1.14E-04	9.76E-06	1.74E-05	3.70E-04
606552	4122740	1.12E-04	1.12E-04	1.11E-04	5.83E-06	1.86E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.12E-04	1.12E-04	1.11E-04	9.48E-06	1.71E-05	3.61E-04
606572	4122740	1.09E-04	1.09E-04	1.08E-04	5.67E-06	1.82E-05	3.50E-04	Residence	4.75E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	1.09E-04	1.09E-04	1.08E-04	9.21E-06	1.67E-05	3.52E-04
606592	4122740	1.08E-04	1.08E-04	1.07E-04	5.50E-06	1.78E-05	3.46E-04	Residence	4.69E-09	1.14E-07	1.25E-07	1.39E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	8.94E-06	1.64E-05	3.48E-04
606612	4122740	1.05E-04	1.05E-04	1.04E-04	5.35E-06	1.74E-05	3.37E-04	Residence	4.57E-09	1.11E-07	1.22E-07	1.36E-08	0.25	0.00	1.05E-04	1.05E-04	1.04E-04	8.69E-06	1.60E-05	3.39E-04
606632	4122740	1.03E-04	1.03E-04	1.02E-04	5.19E-06	1.70E-05	3.30E-04	Residence	4.48E-09	1.08E-07	1.20E-07	1.33E-08	0.25	0.00	1.03E-04	1.03E-04	1.02E-04	8.44E-06	1.57E-05	3.32E-04
606732	4122740	9.47E-05	9.43E-05	9.40E-05	4.54E-06	1.53E-05	3.03E-04	Worker	4.11E-09	9.95E-08	1.10E-07	1.22E-08	0.23	0.00	9.47E-05	9.43E-05	9.40E-05	7.38E-06	1.41E-05	3.04E-04
606752	4122740	9.32E-05	9.29E-05	9.25E-05	4.44E-06	1.50E-05	2.98E-04	Worker	4.04E-09	9.79E-08	1.08E-07	1.20E-08	0.22	0.00	9.32E-05	9.29E-05	9.25E-05	7.21E-06	1.38E-05	3.00E-04
606772	4122740	9.19E-05	9.16E-05	9.12E-05	4.34E-06	1.47E-05	2.94E-04	Worker	3.98E-09	9.65E-08	1.06E-07	1.18E-08	0.22	0.00	9.19E-05	9.16E-05	9.12E-05	7.05E-06	1.35E-05	2.95E-04
606792	4122740	9.03E-05	8.99E-05	8.96E-05	4.25E-06	1.44E-05	2.88E-04	Worker	3.91E-09	9.48E-08	1.04E-07	1.16E-08	0.21	0.00	9.03E-05	8.99E-05	8.96E-05	6.90E-06	1.32E-05	2.90E-04
606812	4122740	8.91E-05	8.87E-05	8.84E-05	4.16E-06	1.41E-05	2.84E-04	Worker	3.86E-09	9.34E-08	1.03E-07	1.14E-08	0.21	0.00	8.91E-05	8.87E-05	8.84E-05	6.76E-06	1.30E-05	2.86E-04
606832	4122740	8.81E-05	8.77E-05	8.74E-05	4.08E-06	1.38E-05	2.81E-04	Worker	3.81E-09	9.24E-08	1.02E-07	1.13E-08	0.21	0.00	8.81E-05	8.77E-05	8.74E-05	6.64E-06	1.27E-05	2.83E-04
606952	4122740	8.24E-05	8.19E-05	8.16E-05	3.70E-06	1.23E-05	2.62E-04	Worker	3.55E-09	8.60E-08	9.48E-08	1.05E-08	0.19	0.00	8.24E-05	8.19E-05	8.16E-05	6.01E-06	1.14E-05	2.63E-04
606972	4122740	8.11E-05	8.07E-05	8.03E-05	3.64E-06	1.21E-05	2.58E-04	Worker	3.50E-09	8.47E-08	9.33E-08	1.04E-08	0.19	0.00	8.11E-05	8.07E-05	8.03E-05	5.92E-06	1.11E-05	2.59E-04
606992	4122740	8.09E-05	8.05E-05	8.01E-05	3.59E-06	1.19E-05	2.57E-04	Worker	3.49E-09	8.44E-08	9.30E-08	1.03E-08	0.19	0.00	8.09E-05	8.05E-05	8.01E-05	5.84E-06	1.10E-05	2.58E-04
607012	4122740	8.04E-05	7.99E-05	7.96E-05	3.54E-06	1.17E-05	2.55E-04	Worker	3.46E-09	8.38E-08	9.23E-08	1.03E-08	0.19	0.00	8.04E-05	7.99E-05	7.96E-05	5.75E-06	1.08E-05	2.56E-04
607032	4122740	7.95E-05	7.91E-05	7.87E-05	3.48E-06	1.15E-05	2.52E-04	Worker	3.42E-09	8.29E-08	9.13E-08	1.01E-08	0.19	0.00	7.95E-05	7.91E-05	7.87E-05	5.66E-06	1.06E-05	2.54E-04
607052	4122740	7.89E-05	7.85E-05	7.81E-05	3.43E-06	1.13E-05	2.50E-04	Worker	3.39E-09	8.22E-08	9.06E-08	1.01E-08	0.19	0.00	7.89E-05	7.85E-05	7.81E-05	5.58E-06	1.04E-05	2.51E-04
605632	4122760	3.01E-04	2.98E-04	2.95E-04	1.65E-05	3.39E-05	9.44E-04	Residence	1.28E-08	3.10E-07	3.42E-07	3.79E-08	0.70	0.00	3.01E-04	2.98E-04	2.95E-04	2.68E-05	3.12E-05	9.51E-04
605652	4122760	2.98E-04	2.95E-04	2.92E-04	1.63E-05	3.36E-05	9.35E-04	Residence	1.27E-08	3.07E-07	3.39E-07	3.76E-08	0.70	0.00	2.98E-04	2.95E-04	2.92E-04	2.66E-05	3.10E-05	9.43E-04
605672	4122760	2.98E-04	2.94E-04	2.91E-04	1.62E-05	3.34E-05	9.33E-04	Residence	1.27E-08	3.06E-07	3.38E-07	3.75E-08	0.69	0.00	2.98E-04	2.94E-04	2.91E-04	2.63E-05	3.07E-05	9.40E-04
605692	4122760	2.96E-04	2.93E-04	2.90E-04	1.60E-05	3.31E-05	9.28E-04	Residence	1.26E-08	3.05E-07	3.36E-07	3.73E-08	0.69	0.00	2.96E-04	2.93E-04	2.90E-04	2.60E-05	3.04E-05	9.36E-04
605712	4122760	2.95E-04	2.92E-04	2.89E-04	1.58E-05	3.28E-05	9.24E-04	Residence	1.25E-08	3.04E-07	3.35E-07	3.72E-08	0.69	0.00	2.95E-04	2.92E-04	2.89E-04	2.56E-05	3.01E-05	9.32E-04
605752	4122760	2.86E-04	2.83E-04	2.80E-04	1.53E-05	3.20E-05	8.96E-04	Residence	1.22E-08	2.94E-07	3.24E-07	3.60E-08	0.67	0.00	2.86E-04	2.83E-04	2.80E-04	2.48E-05	2.94E-05	9.03E-04
605772	4122760	2.83E-04	2.80E-04	2.77E-04	1.50E-05	3.16E-05	8.87E-04	Residence	1.20E-08	2.91E-07	3.21E-07	3.56E-08	0.66	0.00	2.83E-04	2.80E-04	2.77E-04	2.44E-05	2.91E-05	8.94E-04

605812	4122760	2.75E-04	2.72E-04	2.69E-04	1.45E-05	3.08E-05	8.62E-04	Residence	1.17E-08	2.83E-07	3.12E-07	3.47E-08	0.64	0.00	2.75E-04	2.72E-04	2.69E-04	2.36E-05	2.84E-05	8.69E-04
605832	4122760	2.71E-04	2.68E-04	2.65E-04	1.43E-05	3.05E-05	8.48E-04	Residence	1.15E-08	2.78E-07	3.07E-07	3.41E-08	0.63	0.00	2.71E-04	2.68E-04	2.65E-04	2.33E-05	2.80E-05	8.54E-04
605872	4122760	2.61E-04	2.58E-04	2.55E-04	1.39E-05	2.98E-05	8.18E-04	Residence	1.11E-08	2.69E-07	2.96E-07	3.29E-08	0.61	0.00	2.61E-04	2.58E-04	2.55E-04	2.26E-05	2.74E-05	8.24E-04
605892	4122760	2.56E-04	2.53E-04	2.50E-04	1.37E-05	2.94E-05	8.02E-04	Residence	1.09E-08	2.64E-07	2.90E-07	3.23E-08	0.60	0.00	2.56E-04	2.53E-04	2.50E-04	2.23E-05	2.71E-05	8.09E-04
605912	4122760	2.51E-04	2.48E-04	2.46E-04	1.35E-05	2.91E-05	7.87E-04	Residence	1.07E-08	2.59E-07	2.85E-07	3.16E-08	0.59	0.00	2.51E-04	2.48E-04	2.46E-04	2.20E-05	2.68E-05	7.93E-04
605952	4122760	2.41E-04	2.39E-04	2.36E-04	1.31E-05	2.86E-05	7.58E-04	Residence	1.03E-08	2.49E-07	2.74E-07	3.05E-08	0.56	0.00	2.41E-04	2.39E-04	2.36E-04	2.14E-05	2.63E-05	7.64E-04
605972	4122760	2.34E-04	2.32E-04	2.30E-04	1.30E-05	2.83E-05	7.38E-04	Residence	1.00E-08	2.43E-07	2.67E-07	2.97E-08	0.55	0.00	2.34E-04	2.32E-04	2.30E-04	2.11E-05	2.60E-05	7.44E-04
605992	4122760	2.29E-04	2.27E-04	2.25E-04	1.28E-05	2.80E-05	7.23E-04	Residence	9.80E-09	2.37E-07	2.62E-07	2.91E-08	0.54	0.00	2.29E-04	2.27E-04	2.25E-04	2.07E-05	2.58E-05	7.29E-04
606112	4122760	1.99E-04	1.98E-04	1.96E-04	1.12E-05	2.62E-05	6.31E-04	Residence	8.55E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.99E-04	1.98E-04	1.96E-04	1.82E-05	2.41E-05	6.36E-04
606132	4122760	1.93E-04	1.91E-04	1.90E-04	1.09E-05	2.59E-05	6.11E-04	Residence	8.29E-09	2.01E-07	2.21E-07	2.46E-08	0.45	0.00	1.93E-04	1.91E-04	1.90E-04	1.77E-05	2.38E-05	6.16E-04
606152	4122760	1.89E-04	1.87E-04	1.86E-04	1.06E-05	2.55E-05	5.98E-04	Residence	8.11E-09	1.96E-07	2.17E-07	2.40E-08	0.45	0.00	1.89E-04	1.87E-04	1.86E-04	1.72E-05	2.35E-05	6.03E-04
606172	4122760	1.84E-04	1.83E-04	1.82E-04	1.03E-05	2.52E-05	5.85E-04	Residence	7.93E-09	1.92E-07	2.12E-07	2.35E-08	0.44	0.00	1.84E-04	1.83E-04	1.82E-04	1.67E-05	2.32E-05	5.89E-04
606192	4122760	1.80E-04	1.79E-04	1.78E-04	9.99E-06	2.48E-05	5.71E-04	Residence	7.75E-09	1.88E-07	2.07E-07	2.30E-08	0.43	0.00	1.80E-04	1.79E-04	1.78E-04	1.62E-05	2.28E-05	5.76E-04
606212	4122760	1.76E-04	1.74E-04	1.73E-04	9.68E-06	2.45E-05	5.57E-04	Residence	7.56E-09	1.83E-07	2.02E-07	2.24E-08	0.41	0.00	1.76E-04	1.74E-04	1.73E-04	1.57E-05	2.25E-05	5.61E-04
606232	4122760	1.71E-04	1.70E-04	1.69E-04	9.37E-06	2.41E-05	5.43E-04	Residence	7.37E-09	1.78E-07	1.97E-07	2.18E-08	0.40	0.00	1.71E-04	1.70E-04	1.69E-04	1.52E-05	2.21E-05	5.47E-04
606252	4122760	1.66E-04	1.65E-04	1.64E-04	9.07E-06	2.37E-05	5.29E-04	Residence	7.17E-09	1.74E-07	1.91E-07	2.13E-08	0.39	0.00	1.66E-04	1.65E-04	1.64E-04	1.47E-05	2.18E-05	5.33E-04
606272	4122760	1.62E-04	1.61E-04	1.60E-04	8.77E-06	2.33E-05	5.16E-04	Residence	6.99E-09	1.69E-07	1.87E-07	2.07E-08	0.38	0.00	1.62E-04	1.61E-04	1.60E-04	1.43E-05	2.14E-05	5.19E-04
606292	4122760	1.57E-04	1.56E-04	1.55E-04	8.48E-06	2.29E-05	5.01E-04	Residence	6.79E-09	1.65E-07	1.81E-07	2.01E-08	0.37	0.00	1.57E-04	1.56E-04	1.55E-04	1.38E-05	2.11E-05	5.04E-04
606312	4122760	1.54E-04	1.53E-04	1.52E-04	8.21E-06	2.25E-05	4.89E-04	Residence	6.63E-09	1.61E-07	1.77E-07	1.97E-08	0.36	0.00	1.54E-04	1.53E-04	1.52E-04	1.33E-05	2.07E-05	4.93E-04
606352	4122760	1.46E-04	1.45E-04	1.44E-04	7.68E-06	2.18E-05	4.64E-04	Residence	6.29E-09	1.52E-07	1.68E-07	1.86E-08	0.35	0.00	1.46E-04	1.45E-04	1.44E-04	1.25E-05	2.00E-05	4.67E-04
606392	4122760	1.38E-04	1.37E-04	1.36E-04	7.19E-06	2.10E-05	4.39E-04	Residence	5.96E-09	1.44E-07	1.59E-07	1.77E-08	0.33	0.00	1.38E-04	1.37E-04	1.36E-04	1.17E-05	1.93E-05	4.42E-04
606412	4122760	1.33E-04	1.32E-04	1.32E-04	6.97E-06	2.06E-05	4.24E-04	Residence	5.75E-09	1.39E-07	1.54E-07	1.70E-08	0.32	0.00	1.33E-04	1.32E-04	1.32E-04	1.13E-05	1.89E-05	4.27E-04
606432	4122760	1.29E-04	1.29E-04	1.28E-04	6.76E-06	2.02E-05	4.14E-04	Residence	5.61E-09	1.36E-07	1.50E-07	1.66E-08	0.31	0.00	1.29E-04	1.29E-04	1.28E-04	1.10E-05	1.86E-05	4.16E-04
606452	4122760	1.26E-04	1.26E-04	1.25E-04	6.55E-06	1.98E-05	4.03E-04	Residence	5.46E-09	1.32E-07	1.46E-07	1.62E-08	0.30	0.00	1.26E-04	1.26E-04	1.25E-04	1.07E-05	1.83E-05	4.05E-04
606472	4122760	1.23E-04	1.22E-04	1.21E-04	6.36E-06	1.95E-05	3.92E-04	Residence	5.31E-09	1.29E-07	1.42E-07	1.57E-08	0.29	0.00	1.23E-04	1.22E-04	1.21E-04	1.03E-05	1.79E-05	3.94E-04
606492	4122760	1.19E-04	1.19E-04	1.18E-04	6.18E-06	1.91E-05	3.82E-04	Residence	5.18E-09	1.25E-07	1.38E-07	1.54E-08	0.28	0.00	1.19E-04	1.19E-04	1.18E-04	1.00E-05	1.76E-05	3.84E-04
606512	4122760	1.15E-04	1.15E-04	1.15E-04	6.00E-06	1.87E-05	3.70E-04	Residence	5.02E-09	1.21E-07	1.34E-07	1.49E-08	0.28	0.00	1.15E-04	1.15E-04	1.15E-04	9.75E-06	1.72E-05	3.72E-04
606532	4122760	1.13E-04	1.13E-04	1.12E-04	5.83E-06	1.83E-05	3.62E-04	Residence	4.91E-09	1.19E-07	1.31E-07	1.46E-08	0.27	0.00	1.13E-04	1.13E-04	1.12E-04	9.48E-06	1.69E-05	3.64E-04
606552	4122760	1.10E-04	1.10E-04	1.09E-04	5.67E-06	1.80E-05	3.53E-04	Residence	4.79E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.10E-04	1.10E-04	1.09E-04	9.21E-06	1.65E-05	3.55E-04
606572	4122760	1.08E-04	1.08E-04	1.07E-04	5.51E-06	1.76E-05	3.47E-04	Residence	4.70E-09	1.14E-07	1.26E-07	1.39E-08	0.26	0.00	1.08E-04	1.08E-04	1.07E-04	8.96E-06	1.62E-05	3.49E-04
606592	4122760	1.07E-04	1.06E-04	1.06E-04	5.36E-06	1.73E-05	3.41E-04	Residence	4.63E-09	1.12E-07	1.24E-07	1.37E-08	0.25	0.00	1.07E-04	1.06E-04	1.06E-04	8.71E-06	1.59E-05	3.43E-04
606612	4122760	1.04E-04	1.04E-04	1.03E-04	5.21E-06	1.69E-05	3.33E-04	Residence	4.51E-09	1.09E-07	1.20E-07	1.34E-08	0.25	0.00	1.04E-04	1.04E-04	1.03E-04	8.46E-06	1.56E-05	3.35E-04
606732	4122760	9.33E-05	9.30E-05	9.26E-05	4.43E-06	1.49E-05	2.98E-04	Worker	4.05E-09	9.80E-08	1.08E-07	1.20E-08	0.22	0.00	9.33E-05	9.30E-05	9.26E-05	7.20E-06	1.37E-05	3.00E-04
606752	4122760	9.20E-05	9.16E-05	9.13E-05	4.33E-06	1.46E-05	2.94E-04	Worker	3.98E-09	9.65E-08	1.06E-07	1.18E-08	0.22	0.00	9.20E-05	9.16E-05	9.13E-05	7.03E-06	1.34E-05	2.95E-04
606772	4122760	9.06E-05	9.02E-05	8.99E-05	4.23E-06	1.43E-05	2.89E-04	Worker	3.92E-09	9.50E-08	1.05E-07	1.16E-08	0.22	0.00	9.06E-05	9.02E-05	8.99E-05	6.87E-06	1.32E-05	2.91E-04
606792	4122760	8.91E-05	8.87E-05	8.84E-05	4.14E-06	1.40E-05	2.84E-04	Worker	3.86E-09	9.34E-08	1.03E-07	1.14E-08	0.21	0.00	8.91E-05	8.87E-05	8.84E-05	6.73E-06	1.29E-05	2.86E-04
606812	4122760	8.80E-05	8.76E-05	8.73E-05	4.06E-06	1.37E-05	2.81E-04	Worker	3.81E-09	9.22E-08	1.02E-07	1.13E-08	0.21	0.00	8.80E-05	8.76E-05	8.73E-05	6.59E-06	1.26E-05	2.82E-04
606952	4122760	8.09E-05	8.05E-05	8.01E-05	3.60E-06	1.21E-05	2.57E-04	Worker	3.49E-09	8.45E-08	9.31E-08	1.03E-08	0.19	0.00	8.09E-05	8.05E-05	8.01E-05	5.86E-06	1.11E-05	2.58E-04
606972	4122760	8.00E-05	7.96E-05	7.92E-05	3.55E-06	1.18E-05	2.54E-04	Worker	3.45E-09	8.35E-08	9.20E-08	1.02E-08	0.19	0.00	8.00E-05	7.96E-05	7.92E-05	5.77E-06	1.09E-05	2.55E-04
606992	4122760	7.94E-05	7.90E-05	7.86E-05	3.50E-06	1.16E-05	2.52E-04	Worker	3.42E-09	8.28E-08	9.13E-08	1.01E-08	0.19	0.00	7.94E-05	7.90E-05	7.86E-05	5.69E-06	1.07E-05	2.53E-04
607012	4122760	7.87E-05	7.82E-05	7.79E-05	3.45E-06	1.14E-05	2.50E-04	Worker	3.39E-09	8.20E-08	9.04E-08	1.00E-08	0.19	0.00	7.87E-05	7.82E-05	7.79E-05	5.60E-06	1.05E-05	2.51E-04
607032	4122760	7.79E-05	7.75E-05	7.71E-05	3.40E-06	1.12E-05	2.47E-04	Worker	3.35E-09	8.12E-08	8.94E-08	9.93E-09	0.18	0.00	7.79E-05	7.75E-05	7.71E-05	5.52E-06	1.03E-05	2.48E-04
607052	4122760	7.68E-05	7.64E-05	7.60E-05	3.35E-06	1.10E-05	2.44E-04	Worker	3.30E-09	8.00E-08	8.82E-08	9.79E-09	0.18	0.00	7.68E-05	7.64E-05	7.60E-05	5.44E-06	1.02E-05	2.45E-04
605632	4122780	2.94E-04	2.91E-04	2.88E-04	1.58E-05	3.25E-05	9.22E-04	Residence	1.25E-08	3.03E-07	3.34E-07	3.71E-08	0.69	0.00	2.94E-04	2.91E-04	2.88E-04	2.56E-05	2.99E-05	9.29E-04
605652	4122780	2.90E-04	2.87E-04	2.84E-04	1.56E-05	3.22E-05	9.10E-04	Residence	1.23E-08	2.99E-07	3.29E-07	3.66E-08	0.68	0.00	2.90E-04	2.87E-04	2.84E-04	2.54E-05	2.96E-05	9.17E-04
605672	4122780	2.88E-04	2.85E-04	2.82E-04	1.54E-05	3.19E-05	9.03E-04	Residence	1.22E-08	2.97E-07	3.27E-07	3.63E-08	0.67	0.00	2.88E-04	2.85E-04	2.82E-04	2.51E-05	2.94E-05	9.10E-04
605692	4122780	2.87E-04	2.84E-04	2.81E-04	1.52E-05	3.16E-05	9.00E-04	Residence	1.22E-08	2.96E-07	3.26E-07	3.62E-08	0.67	0.00	2.87E-04	2.84E-04	2.81E-04	2.48E-05	2.91E-05	9.07E-04
605712	4122780	2.86E-04	2.83E-04	2.80E-04	1.50E-05	3.13E-05	8.95E-04	Residence	1.21E-08	2.94E-07	3.24E-07	3.60E-08	0.67	0.00	2.86E-04	2.83E-04	2.80E-04	2.44E-05	2.88E-05	9.02E-04
605752	4122780	2.76E-04	2.73E-04	2.70E-04	1.46E-05	3.06E-05	8.65E-04	Residence	1.17E-08	2.84E-07	3.13E-07	3.48E-08	0.64	0.00	2.76E-04	2.73E-04	2.70E-04	2.37E-05	2.81E-05	8.71E-04
605772	4122780	2.74E-04	2.71E-04	2.68E-04	1.43E-05	3.02E-05	8.58E-04	Residence	1.16E-08	2.82E-07	3.10E-07	3.45E-08	0.64	0.00	2.74E-04	2.71E-04	2.68E-04	2.33E-05	2.78E-05	8.64E-04
605792	4122780	2.70E-04	2.67E-04	2.64E-04	1.41E-05	2.98E-05	8.45E-04	Residence	1.15E-08	2.78E-07	3.06E-07	3.40E-08	0.63	0.00	2.70E-04	2.67E-04	2.64E-04	2.29E-05	2.75E-05	8.52E-04
605812	4122780	2.66E-04	2.63E-04	2.60E-04	1.39E-05	2.95E-05	8.32E-04	Residence	1.13E-08	2.73E-07	3.01E-07	3.34E-08	0.62	0.00	2.66E-04	2.63E-04	2.60E-04	2.26E-05	2.71E-05	8.38E-04
605872	4122780	2.52E-04	2.50E-04	2.47E-04	1.33E-05	2.85E-05	7.90E-04	Residence	1.07E-08	2.60E-07	2.86E-07	3.18E-08	0.59	0.00	2.52E-04	2.50E-04	2.47E-04	2.16E-05	2.62E-05	7.96E-04
605892	4122780	2.47E-04	2.45E-04	2.42E-04	1.31E-05	2.82E-05	7.76E-04	Residence	1.05E-08	2.55E-07	2.81E-07	3.12E-08	0.58	0.00	2.47E-04	2.45E-04	2.42E-04	2.13E-05	2.59E-05	7.82E-04
605912	4122780	2.43E-04	2.40E-04	2.38E-04	1.29E-05	2.79E-05	7.62E-04	Residence	1.03E-08	2.50E-07	2.76E-07	3.06E-08	0.57	0.00	2.43E-04	2.40E-04	2.38E-04	2.10E-05	2.57E-05	7.67E-04
605952	4122780	2.34E-04	2.31E-04	2.29E-04	1.26E-05	2.74E-05	7.34E-04	Residence	9.95E-09	2.41E-07	2.66E-07	2.95E-08	0.55	0.00	2.34E-04	2.31E-04	2.29E-04	2.05E-05	2.52E-05	7.39E-04
605992	4122780	2.22E-04	2.20E-04	2.19E-04	1.22E-05	2.69E-05	7.00E-04	Residence	9.50E-09	2.30E-07	2.54E-07	2.82E-08	0.52	0.00	2.22E-04	2.20E-04	2.19E-04	1.99E-05	2.47E-05	7.06E-04
606112	4122780	1.94E-04	1.92E-04	1.91E-04	1.08E-05	2.52E-05	6.12E-04	Residence	8.30E-09	2.01E-07	2.22E-07	2.46E-08	0.46	0.00	1.94E-04	1.92E-04	1.91E-04	1.75E-05	2.32E-05	6.17E-04
606132	4122780	1.88E-04	1.87E-04	1.85E-04	1.05E-05	2.49E-05	5.96E-04	Residence	8.08E-09	1.96E-07	2.16E-07	2.39E-08	0.44	0.00	1.88E-04	1.87E-04	1.85E-04	1.70E-05	2.29E-05	6.00E-04
606152	4122780	1.84E-04	1.83E-04	1.82E-04	1.02E-05	2.45E-05	5.84E-04	Residence	7.92E-09	1.92E-07	2.11E-07	2.35E-08	0.43	0.00	1.84E-04	1.83E-04	1.82E-04	1.66E-05	2.26E-05	5.88E-04
606172	4122780	1.80E-04	1.79E-04	1.78E-04	9.89E-06	2.42E-05	5.71E-04	Residence	7.75E-09	1.88E-07	2.07E-07	2.30E-08	0.43	0.00	1.80E-04	1.79E-04	1.78E-04	1.61E-05	2.23E-05	5.75E-04
606192	4122780	1.76E-04	1.74E-04	1.73E-04	9.60E-06	2.39E-05	5.57E-04	Residence	7.55E-09	1.83E-07	2.02E-07	2.24E-08	0.41	0.00	1.76E-04	1.74E-04	1.73E-04	1.56E-05	2.20E-05	5.61E-04
606212	4122780	1.72E-04	1.70E-04	1.69E-04	9.31E-06	2.35E-05	5.44E-04	Residence	7.38E-09	1.79E-07	1.97E-07	2.19E-08	0.40	0.00	1.72E-04	1.70E-04	1.69E-04	1.51E-05	2.16E-05	5.48E-04
606232	4122780	1.67E-04	1.66E-04	1.65E-04	9.02E-06	2.32E-05	5.30E-04	Residence	7.19E-09	1.74E-07	1.92E-07	2.13E-08	0.39	0.00	1.67E-04	1.66E-04	1.65E-04	1.46E-05	2.13E-05	5.34E-04
606252	4122780	1.63E-04	1.62E-04	1.61E-04	8.73E-06	2.28E-05	5.16E-04	Residence	7.00E-09	1.70E-07	1.87E-07	2.08E-08	0.38	0.00	1.63E-04	1.62E-04	1.61E-04	1.42E-05	2.10E-05	5.20E-04
606272	4122780	1.59E-04	1.58E-04	1.57E-04	8.45E-06	2.24E-05	5.04E-04	Residence	6.83E-09	1.66E-07	1.82E-07	2.03E-08	0.38	0.00	1.59E-04	1.58E-04	1.57E-04	1.37E-05	2.06E-05	5.07E-04
606292	4122780	1.55E-04	1.54E-04	1.53E-04	8.18E-06	2.21E-05	4.91E-04	Residence	6.67E-09	1.61E-07	1.78E-07	1.98E-08	0.37	0.00	1.55E-04	1.54E-04	1.53E-04	1.33E-05	2.03E-05	4.95E-04
606312	4122780	1.51E-04	1.50E-04	1.49E-04	7.92E-06	2.17E-05	4.79E-04	Residence	6.49E-09	1.57E-07	1.73E-07	1.92E-08	0.36	0.00	1.51E-04	1.50E-04	1.49E-04	1.29E-05	2.00E-05	4.82E-04
606352	4122780	1.42E-04	1.42E-04	1.41E-04	7.42E-06	2.10E-05	4.53E-04	Residence	6.15E-09	1.49E-07	1.64E-07	1.82E-08	0.34	0.00	1.42E-04	1.42E-04	1.41E-04	1.21E-05	1.93E-05	4.56E-04
606372	4122780	1.39E-04	1.38E-04	1.37E-04	7.18E-06	2.06E-05	4.42E-04	Residence	6.00E-09	1.45E-07	1.60E-07	1.78E-08	0.33	0.00	1.39E-04	1.38E-04	1.37E-04	1.17E-05	1.90E-05	4.45E-04
606392	4122780	1.35E-04	1.34E-04	1.34E-04	6.96E-06	2.03E-05	4.30E-04	Residence	5.83E-09	1.41E-07	1.56E-07	1.73E-08	0.32	0.00	1.35E-04	1.34E-04	1.34E-04	1.13E-05	1.86E-05	4.33E-04
606412	4122780	1.31E-04	1.31E-04	1.30E-04	6.75E-06	1.99E-05	4.18E-04	Residence	5.67E-09	1.37E-07	1.51E-07	1.68E-08	0.31	0.00	1.31E-04	1.31E-04	1.30E-04	1.10E-05	1.83E-05	4.21E-04
606432	4122780	1.28E-04	1.27E-04	1.26E-04	6.54E-06	1.95E-05	4.07E-04	Residence	5.52E-09	1.34E-07	1.47E-07	1.64E-08	0.30	0.00	1.28E-04	1.27E-04	1.26E-04	1.06E-05	1.80E-05	4.09E-04
606452	4122780	1.24E-04	1.24E-04	1.23E-04	6.35E-06	1.92E-05	3.96E-04	Residence	5.37E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	1.24E-04	1.24E-04	1.23E-04	1.03E-05	1.77E-05	3.98E-04
606472	4122780	1.21E-04	1.20E-04	1.20E-04	6.17E-06	1.88E-05	3.85E-04	Residence	5.22E-09	1.27E-07	1.39E-07	1.55E-08	0.29	0.00	1.21E-04	1.20E-04	1.20E-04	1.00E-05	1.73E-05	3.88E-04
606492	4122780	1.18E-04	1.17E-04	1.17E-04	6.00E-06	1.85E-05	3.76E-04	Residence	5.10E-09	1.23E-07	1.36E-07	1.51E-08	0.28	0.00	1.18E-04	1.17E-04	1.17E-04	9.74E-06	1.70E-05	3.78E-04
606512	4122780	1.14E-04	1.14E-04	1.13E-04	5.83E-06	1.81E-05	3.65E-04	Residence	4.95E-09	1.20E-07	1.32E-07	1.47E-08	0.27	0.00	1.14E-04	1.14E-04	1.13E-04	9.47E-06	1.67E-05	3.67E-04
606532	4122780	1.12E-04	1.11E-04	1.11E-04	5.67E-06	1.78E-05	3.57E-04	Residence	4.85E-09	1.17E-07	1.29E-07	1.44E-08	0.27	0.00	1.12E-04	1.11E-04	1.11E-04	9.21E-06	1.64E-05	3.59E-04
606552	4122780	1.09E-04	1.09E-04	1.08E-04	5.51E-06	1.74E-05	3.49E-04	Residence	4.74E-09	1.15E-07	1.27E-07	1.40E-08	0.26	0.00	1.09E-04	1.09E-04	1.08E-04	8.96E-06	1.60E-05	3.52E-04
606572	4122780	1.07E-04	1.06E-04	1.06E-04	5.36E-06	1.71E-05	3.41E-04	Residence	4.63E-09	1.12E-07	1.24E-07	1.37E-08	0.25	0.00	1.07E-04	1.06E-04	1.06E-04	8.71E-06	1.57E-05	3.43E-04
606592	4122780	1.05E-04	1.04E-04	1.04E-04	5.21E-06	1.68E-05	3.34E-04	Residence	4.54E-09	1.10E-07	1.21E-07	1.34E-08	0.25	0.00	1.05E-04	1.04E-04	1.04E-04	8.47E-06	1.54E-05	3.36E-04
606852	4122780	8.34E-05	8.30E-05	8.27E-05	3.81E-06	1.29E-05	2.66E-04	Worker	3.61E-09	8.73E-08	9.62E-08	1.07E-08	0.20	0.00	8.34E-05	8.30E-05	8.27E-05	6.18E-06	1.19E-05	2.67E-04
606872	4122780	8.18E-05	8.14E-05	8.11E-05	3.74E-06	1.27E-05	2.61E-04	Worker	3.54E-09	8.56E-08	9.44E-08	1.05E-08	0.19	0.00	8.18E-05	8.14E-05	8.11E-05	6.08E-06	1.16E-05	2.62E-04

606892	4122780	8.07E-05	8.03E-05	8.00E-05	3.68E-06	1.24E-05	2.57E-04	Worker	3.49E-09	8.45E-08	9.31E-08	1.03E-08	0.19	0.00	8.07E-05	8.03E-05	8.00E-05	5.98E-06	1.14E-05	2.58E-04
606912	4122780	8.06E-05	8.02E-05	7.99E-05	3.62E-06	1.22E-05	2.56E-04	Worker	3.48E-09	8.42E-08	9.28E-08	1.03E-08	0.19	0.00	8.06E-05	8.02E-05	7.99E-05	5.88E-06	1.12E-05	2.58E-04
606932	4122780	8.01E-05	7.98E-05	7.94E-05	3.57E-06	1.20E-05	2.55E-04	Worker	3.46E-09	8.37E-08	9.23E-08	1.02E-08	0.19	0.00	8.01E-05	7.98E-05	7.94E-05	5.79E-06	1.10E-05	2.56E-04
606952	4122780	7.94E-05	7.90E-05	7.87E-05	3.51E-06	1.18E-05	2.52E-04	Worker	3.42E-09	8.29E-08	9.13E-08	1.01E-08	0.19	0.00	7.94E-05	7.90E-05	7.87E-05	5.71E-06	1.08E-05	2.54E-04
606972	4122780	7.84E-05	7.81E-05	7.77E-05	3.46E-06	1.16E-05	2.49E-04	Worker	3.38E-09	8.19E-08	9.02E-08	1.00E-08	0.19	0.00	7.84E-05	7.81E-05	7.77E-05	5.62E-06	1.06E-05	2.50E-04
606992	4122780	7.76E-05	7.72E-05	7.68E-05	3.41E-06	1.14E-05	2.46E-04	Worker	3.34E-09	8.09E-08	8.92E-08	9.90E-09	0.18	0.00	7.76E-05	7.72E-05	7.68E-05	5.54E-06	1.05E-05	2.48E-04
607012	4122780	7.67E-05	7.63E-05	7.60E-05	3.36E-06	1.12E-05	2.44E-04	Worker	3.30E-09	8.00E-08	8.82E-08	9.79E-09	0.18	0.00	7.67E-05	7.63E-05	7.60E-05	5.46E-06	1.03E-05	2.45E-04
607032	4122780	7.59E-05	7.55E-05	7.52E-05	3.31E-06	1.10E-05	2.41E-04	Worker	3.27E-09	7.92E-08	8.72E-08	9.69E-09	0.18	0.00	7.59E-05	7.55E-05	7.52E-05	5.39E-06	1.01E-05	2.42E-04
607052	4122780	7.52E-05	7.48E-05	7.45E-05	3.27E-06	1.08E-05	2.39E-04	Worker	3.24E-09	7.84E-08	8.64E-08	9.59E-09	0.18	0.00	7.52E-05	7.48E-05	7.45E-05	5.31E-06	9.94E-06	2.40E-04
605632	4122800	2.86E-04	2.83E-04	2.80E-04	1.51E-05	3.11E-05	8.95E-04	Residence	1.21E-08	2.94E-07	3.24E-07	3.60E-08	0.67	0.00	2.86E-04	2.83E-04	2.80E-04	2.45E-05	2.86E-05	9.02E-04
605652	4122800	2.83E-04	2.80E-04	2.77E-04	1.49E-05	3.08E-05	8.85E-04	Residence	1.20E-08	2.91E-07	3.20E-07	3.56E-08	0.66	0.00	2.83E-04	2.80E-04	2.77E-04	2.43E-05	2.84E-05	8.92E-04
605672	4122800	2.79E-04	2.76E-04	2.73E-04	1.47E-05	3.05E-05	8.73E-04	Residence	1.18E-08	2.87E-07	3.16E-07	3.51E-08	0.65	0.00	2.79E-04	2.76E-04	2.73E-04	2.40E-05	2.81E-05	8.80E-04
605692	4122800	2.78E-04	2.75E-04	2.72E-04	1.46E-05	3.03E-05	8.71E-04	Residence	1.18E-08	2.86E-07	3.15E-07	3.50E-08	0.65	0.00	2.78E-04	2.75E-04	2.72E-04	2.36E-05	2.78E-05	8.77E-04
605712	4122800	2.76E-04	2.73E-04	2.70E-04	1.43E-05	2.99E-05	8.64E-04	Residence	1.17E-08	2.84E-07	3.13E-07	3.47E-08	0.64	0.00	2.76E-04	2.73E-04	2.70E-04	2.33E-05	2.75E-05	8.71E-04
605732	4122800	2.72E-04	2.69E-04	2.67E-04	1.41E-05	2.96E-05	8.52E-04	Residence	1.16E-08	2.80E-07	3.08E-07	3.43E-08	0.63	0.00	2.72E-04	2.69E-04	2.67E-04	2.30E-05	2.72E-05	8.59E-04
605772	4122800	2.65E-04	2.62E-04	2.59E-04	1.37E-05	2.89E-05	8.28E-04	Residence	1.12E-08	2.72E-07	3.00E-07	3.33E-08	0.62	0.00	2.65E-04	2.62E-04	2.59E-04	2.22E-05	2.66E-05	8.34E-04
605872	4122800	2.44E-04	2.41E-04	2.39E-04	1.27E-05	2.73E-05	7.65E-04	Residence	1.04E-08	2.51E-07	2.77E-07	3.07E-08	0.57	0.00	2.44E-04	2.41E-04	2.39E-04	2.07E-05	2.51E-05	7.70E-04
605892	4122800	2.39E-04	2.37E-04	2.35E-04	1.25E-05	2.70E-05	7.51E-04	Residence	1.02E-08	2.47E-07	2.72E-07	3.02E-08	0.56	0.00	2.39E-04	2.37E-04	2.35E-04	2.04E-05	2.49E-05	7.57E-04
605912	4122800	2.35E-04	2.33E-04	2.30E-04	1.24E-05	2.68E-05	7.37E-04	Residence	1.00E-08	2.42E-07	2.67E-07	2.96E-08	0.55	0.00	2.35E-04	2.33E-04	2.30E-04	2.01E-05	2.46E-05	7.43E-04
605952	4122800	2.26E-04	2.24E-04	2.22E-04	1.21E-05	2.63E-05	7.11E-04	Residence	9.64E-09	2.34E-07	2.57E-07	2.86E-08	0.53	0.00	2.26E-04	2.24E-04	2.22E-04	1.96E-05	2.42E-05	7.17E-04
605992	4122800	2.16E-04	2.14E-04	2.12E-04	1.17E-05	2.58E-05	6.80E-04	Residence	9.22E-09	2.23E-07	2.46E-07	2.73E-08	0.51	0.00	2.16E-04	2.14E-04	2.12E-04	1.90E-05	2.37E-05	6.85E-04
606032	4122800	2.08E-04	2.06E-04	2.04E-04	1.13E-05	2.53E-05	6.55E-04	Residence	8.88E-09	2.15E-07	2.37E-07	2.63E-08	0.49	0.00	2.08E-04	2.06E-04	2.04E-04	1.84E-05	2.33E-05	6.60E-04
606112	4122800	1.89E-04	1.87E-04	1.86E-04	1.03E-05	2.42E-05	5.96E-04	Residence	8.08E-09	1.96E-07	2.16E-07	2.40E-08	0.44	0.00	1.89E-04	1.87E-04	1.86E-04	1.68E-05	2.23E-05	6.01E-04
606352	4122800	1.40E-04	1.39E-04	1.39E-04	7.18E-06	2.03E-05	4.46E-04	Residence	6.04E-09	1.46E-07	1.61E-07	1.79E-08	0.33	0.00	1.40E-04	1.39E-04	1.39E-04	1.17E-05	1.86E-05	4.49E-04
606372	4122800	1.37E-04	1.36E-04	1.36E-04	6.95E-06	1.99E-05	4.36E-04	Residence	5.91E-09	1.43E-07	1.58E-07	1.75E-08	0.32	0.00	1.37E-04	1.36E-04	1.36E-04	1.13E-05	1.83E-05	4.38E-04
606392	4122800	1.33E-04	1.32E-04	1.31E-04	6.74E-06	1.96E-05	4.22E-04	Residence	5.73E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	1.33E-04	1.32E-04	1.31E-04	1.10E-05	1.80E-05	4.25E-04
606412	4122800	1.29E-04	1.28E-04	1.28E-04	6.54E-06	1.92E-05	4.10E-04	Residence	5.57E-09	1.35E-07	1.49E-07	1.65E-08	0.31	0.00	1.29E-04	1.28E-04	1.28E-04	1.06E-05	1.77E-05	4.13E-04
606432	4122800	1.25E-04	1.25E-04	1.24E-04	6.34E-06	1.89E-05	4.00E-04	Residence	5.42E-09	1.31E-07	1.45E-07	1.61E-08	0.30	0.00	1.25E-04	1.25E-04	1.24E-04	1.03E-05	1.74E-05	4.02E-04
606452	4122800	1.22E-04	1.22E-04	1.21E-04	6.16E-06	1.86E-05	3.89E-04	Residence	5.28E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	1.22E-04	1.22E-04	1.21E-04	1.00E-05	1.71E-05	3.92E-04
606472	4122800	1.19E-04	1.18E-04	1.18E-04	5.99E-06	1.82E-05	3.79E-04	Residence	5.14E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.19E-04	1.18E-04	1.18E-04	9.73E-06	1.68E-05	3.81E-04
606492	4122800	1.16E-04	1.16E-04	1.15E-04	5.82E-06	1.79E-05	3.70E-04	Residence	5.02E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	1.16E-04	1.16E-04	1.15E-04	9.46E-06	1.65E-05	3.72E-04
606512	4122800	1.13E-04	1.12E-04	1.12E-04	5.66E-06	1.76E-05	3.59E-04	Residence	4.87E-09	1.18E-07	1.30E-07	1.44E-08	0.27	0.00	1.13E-04	1.12E-04	1.12E-04	9.20E-06	1.62E-05	3.62E-04
606532	4122800	1.10E-04	1.10E-04	1.09E-04	5.51E-06	1.72E-05	3.52E-04	Residence	4.78E-09	1.16E-07	1.28E-07	1.42E-08	0.26	0.00	1.10E-04	1.10E-04	1.09E-04	8.96E-06	1.59E-05	3.54E-04
606552	4122800	1.08E-04	1.07E-04	1.07E-04	5.36E-06	1.69E-05	3.45E-04	Residence	4.67E-09	1.13E-07	1.25E-07	1.38E-08	0.26	0.00	1.08E-04	1.07E-04	1.07E-04	8.72E-06	1.56E-05	3.47E-04
606572	4122800	1.05E-04	1.05E-04	1.05E-04	5.22E-06	1.66E-05	3.37E-04	Residence	4.57E-09	1.11E-07	1.22E-07	1.35E-08	0.25	0.00	1.05E-04	1.05E-04	1.05E-04	8.48E-06	1.53E-05	3.39E-04
606672	4122800	9.38E-05	9.35E-05	9.32E-05	4.56E-06	1.50E-05	3.00E-04	Worker	4.07E-09	9.86E-08	1.09E-07	1.21E-08	0.22	0.00	9.38E-05	9.35E-05	9.32E-05	7.41E-06	1.38E-05	3.02E-04
606692	4122800	9.20E-05	9.17E-05	9.13E-05	4.44E-06	1.47E-05	2.94E-04	Worker	3.99E-09	9.66E-08	1.07E-07	1.18E-08	0.22	0.00	9.20E-05	9.17E-05	9.13E-05	7.21E-06	1.35E-05	2.96E-04
606712	4122800	9.06E-05	9.03E-05	8.99E-05	4.33E-06	1.44E-05	2.90E-04	Worker	3.93E-09	9.51E-08	1.05E-07	1.16E-08	0.22	0.00	9.06E-05	9.03E-05	8.99E-05	7.03E-06	1.33E-05	2.91E-04
606732	4122800	8.92E-05	8.89E-05	8.86E-05	4.22E-06	1.41E-05	2.85E-04	Worker	3.87E-09	9.37E-08	1.03E-07	1.15E-08	0.21	0.00	8.92E-05	8.89E-05	8.86E-05	6.86E-06	1.30E-05	2.87E-04
606752	4122800	8.83E-05	8.79E-05	8.76E-05	4.12E-06	1.39E-05	2.82E-04	Worker	3.82E-09	9.26E-08	1.02E-07	1.13E-08	0.21	0.00	8.83E-05	8.79E-05	8.76E-05	6.69E-06	1.28E-05	2.83E-04
606852	4122800	8.14E-05	8.11E-05	8.08E-05	3.71E-06	1.26E-05	2.60E-04	Worker	3.52E-09	8.53E-08	9.40E-08	1.04E-08	0.19	0.00	8.14E-05	8.11E-05	8.08E-05	6.03E-06	1.16E-05	2.61E-04
606872	4122800	8.04E-05	8.00E-05	7.97E-05	3.65E-06	1.24E-05	2.56E-04	Worker	3.47E-09	8.41E-08	9.27E-08	1.03E-08	0.19	0.00	8.04E-05	8.00E-05	7.97E-05	5.92E-06	1.14E-05	2.57E-04
606892	4122800	7.96E-05	7.92E-05	7.89E-05	3.59E-06	1.21E-05	2.53E-04	Worker	3.44E-09	8.32E-08	9.17E-08	1.02E-08	0.19	0.00	7.96E-05	7.92E-05	7.89E-05	5.83E-06	1.12E-05	2.55E-04
606912	4122800	7.94E-05	7.90E-05	7.87E-05	3.53E-06	1.19E-05	2.53E-04	Worker	3.43E-09	8.30E-08	9.14E-08	1.02E-08	0.19	0.00	7.94E-05	7.90E-05	7.87E-05	5.73E-06	1.10E-05	2.54E-04
606932	4122800	7.87E-05	7.83E-05	7.80E-05	3.48E-06	1.17E-05	2.50E-04	Worker	3.39E-09	8.22E-08	9.06E-08	1.01E-08	0.19	0.00	7.87E-05	7.83E-05	7.80E-05	5.65E-06	1.08E-05	2.51E-04
606952	4122800	7.77E-05	7.74E-05	7.70E-05	3.42E-06	1.15E-05	2.47E-04	Worker	3.35E-09	8.12E-08	8.94E-08	9.93E-09	0.18	0.00	7.77E-05	7.74E-05	7.70E-05	5.56E-06	1.06E-05	2.48E-04
606972	4122800	7.70E-05	7.66E-05	7.63E-05	3.37E-06	1.13E-05	2.45E-04	Worker	3.32E-09	8.03E-08	8.85E-08	9.83E-09	0.18	0.00	7.70E-05	7.66E-05	7.63E-05	5.48E-06	1.04E-05	2.46E-04
606992	4122800	7.61E-05	7.57E-05	7.54E-05	3.33E-06	1.11E-05	2.42E-04	Worker	3.28E-09	7.93E-08	8.74E-08	9.71E-09	0.18	0.00	7.61E-05	7.57E-05	7.54E-05	5.41E-06	1.02E-05	2.43E-04
607012	4122800	7.52E-05	7.48E-05	7.45E-05	3.28E-06	1.09E-05	2.39E-04	Worker	3.24E-09	7.84E-08	8.64E-08	9.60E-09	0.18	0.00	7.52E-05	7.48E-05	7.45E-05	5.33E-06	1.01E-05	2.40E-04
607032	4122800	7.44E-05	7.40E-05	7.37E-05	3.23E-06	1.07E-05	2.36E-04	Worker	3.20E-09	7.75E-08	8.55E-08	9.49E-09	0.18	0.00	7.44E-05	7.40E-05	7.37E-05	5.25E-06	9.89E-06	2.37E-04
607052	4122800	7.36E-05	7.32E-05	7.29E-05	3.19E-06	1.06E-05	2.34E-04	Worker	3.17E-09	7.67E-08	8.45E-08	9.39E-09	0.17	0.00	7.36E-05	7.32E-05	7.29E-05	5.18E-06	9.73E-06	2.35E-04
605632	4122820	2.78E-04	2.75E-04	2.72E-04	1.44E-05	2.98E-05	8.69E-04	Residence	1.18E-08	2.85E-07	3.15E-07	3.49E-08	0.65	0.00	2.78E-04	2.75E-04	2.72E-04	2.35E-05	2.74E-05	8.76E-04
605652	4122820	2.75E-04	2.72E-04	2.69E-04	1.43E-05	2.96E-05	8.60E-04	Residence	1.17E-08	2.83E-07	3.12E-07	3.46E-08	0.64	0.00	2.75E-04	2.72E-04	2.69E-04	2.32E-05	2.72E-05	8.67E-04
605672	4122820	2.70E-04	2.68E-04	2.65E-04	1.41E-05	2.93E-05	8.46E-04	Residence	1.15E-08	2.78E-07	3.06E-07	3.40E-08	0.63	0.00	2.70E-04	2.68E-04	2.65E-04	2.29E-05	2.69E-05	8.53E-04
605692	4122820	2.69E-04	2.66E-04	2.64E-04	1.39E-05	2.90E-05	8.42E-04	Residence	1.14E-08	2.77E-07	3.05E-07	3.38E-08	0.63	0.00	2.69E-04	2.66E-04	2.64E-04	2.26E-05	2.66E-05	8.48E-04
605712	4122820	2.67E-04	2.64E-04	2.61E-04	1.37E-05	2.87E-05	8.35E-04	Residence	1.13E-08	2.74E-07	3.02E-07	3.36E-08	0.62	0.00	2.67E-04	2.64E-04	2.61E-04	2.23E-05	2.64E-05	8.41E-04
605732	4122820	2.64E-04	2.61E-04	2.59E-04	1.35E-05	2.83E-05	8.26E-04	Residence	1.12E-08	2.71E-07	2.99E-07	3.32E-08	0.61	0.00	2.64E-04	2.61E-04	2.59E-04	2.19E-05	2.61E-05	8.32E-04
605832	4122820	2.44E-04	2.41E-04	2.39E-04	1.25E-05	2.67E-05	7.63E-04	Residence	1.03E-08	2.51E-07	2.76E-07	3.07E-08	0.57	0.00	2.44E-04	2.41E-04	2.39E-04	2.03E-05	2.46E-05	7.69E-04
605852	4122820	2.41E-04	2.38E-04	2.35E-04	1.23E-05	2.65E-05	7.53E-04	Residence	1.02E-08	2.47E-07	2.73E-07	3.03E-08	0.56	0.00	2.41E-04	2.38E-04	2.35E-04	2.00E-05	2.44E-05	7.58E-04
605872	4122820	2.36E-04	2.34E-04	2.32E-04	1.22E-05	2.62E-05	7.40E-04	Residence	1.00E-08	2.43E-07	2.68E-07	2.97E-08	0.55	0.00	2.36E-04	2.34E-04	2.32E-04	1.98E-05	2.41E-05	7.46E-04
605892	4122820	2.32E-04	2.30E-04	2.27E-04	1.20E-05	2.59E-05	7.27E-04	Residence	9.86E-09	2.39E-07	2.63E-07	2.92E-08	0.54	0.00	2.32E-04	2.30E-04	2.27E-04	1.95E-05	2.39E-05	7.33E-04
605912	4122820	2.28E-04	2.26E-04	2.23E-04	1.19E-05	2.57E-05	7.14E-04	Residence	9.69E-09	2.35E-07	2.59E-07	2.87E-08	0.53	0.00	2.28E-04	2.26E-04	2.23E-04	1.93E-05	2.37E-05	7.20E-04
605952	4122820	2.20E-04	2.18E-04	2.16E-04	1.16E-05	2.52E-05	6.90E-04	Residence	9.35E-09	2.27E-07	2.50E-07	2.77E-08	0.51	0.00	2.20E-04	2.18E-04	2.16E-04	1.88E-05	2.32E-05	6.95E-04
606672	4122820	9.17E-05	9.13E-05	9.10E-05	4.45E-06	1.46E-05	2.93E-04	Worker	3.98E-09	9.63E-08	1.06E-07	1.18E-08	0.22	0.00	9.17E-05	9.13E-05	9.10E-05	7.23E-06	1.35E-05	2.95E-04
606692	4122820	9.01E-05	8.98E-05	8.94E-05	4.33E-06	1.43E-05	2.88E-04	Worker	3.91E-09	9.46E-08	1.04E-07	1.16E-08	0.21	0.00	9.01E-05	8.98E-05	8.94E-05	7.04E-06	1.32E-05	2.90E-04
606712	4122820	8.86E-05	8.83E-05	8.79E-05	4.22E-06	1.41E-05	2.83E-04	Worker	3.84E-09	9.30E-08	1.02E-07	1.14E-08	0.21	0.00	8.86E-05	8.83E-05	8.79E-05	6.87E-06	1.29E-05	2.85E-04
606732	4122820	8.72E-05	8.68E-05	8.65E-05	4.12E-06	1.38E-05	2.78E-04	Worker	3.78E-09	9.15E-08	1.01E-07	1.12E-08	0.21	0.00	8.72E-05	8.68E-05	8.65E-05	6.70E-06	1.27E-05	2.80E-04
606752	4122820	8.63E-05	8.60E-05	8.57E-05	4.02E-06	1.35E-05	2.75E-04	Worker	3.74E-09	9.05E-08	9.97E-08	1.11E-08	0.21	0.00	8.63E-05	8.60E-05	8.57E-05	6.54E-06	1.24E-05	2.77E-04
606852	4122820	8.03E-05	8.00E-05	7.97E-05	3.62E-06	1.23E-05	2.56E-04	Worker	3.47E-09	8.40E-08	9.26E-08	1.03E-08	0.19	0.00	8.03E-05	8.00E-05	7.97E-05	5.89E-06	1.13E-05	2.57E-04
606872	4122820	7.95E-05	7.92E-05	7.89E-05	3.56E-06	1.21E-05	2.53E-04	Worker	3.43E-09	8.32E-08	9.17E-08	1.02E-08	0.19	0.00	7.95E-05	7.92E-05	7.89E-05	5.78E-06	1.11E-05	2.54E-04
606892	4122820	7.88E-05	7.85E-05	7.82E-05	3.50E-06	1.19E-05	2.51E-04	Worker	3.40E-09	8.24E-08	9.08E-08	1.01E-08	0.19	0.00	7.88E-05	7.85E-05	7.82E-05	5.68E-06	1.09E-05	2.52E-04
606912	4122820	7.83E-05	7.80E-05	7.77E-05	3.44E-06	1.17E-05	2.49E-04	Worker	3.38E-09	8.18E-08	9.02E-08	1.00E-08	0.19	0.00	7.83E-05	7.80E-05	7.77E-05	5.59E-06	1.07E-05	2.50E-04
606932	4122820	7.76E-05	7.72E-05	7.69E-05	3.39E-06	1.14E-05	2.47E-04	Worker	3.34E-09	8.10E-08	8.93E-08	9.91E-09	0.18	0.00	7.76E-05	7.72E-05	7.69E-05	5.51E-06	1.05E-05	2.48E-04
606952	4122820	7.61E-05	7.58E-05	7.55E-05	3.34E-06	1.12E-05	2.42E-04	Worker	3.28E-09	7.95E-08	8.76E-08	9.73E-09	0.18	0.00	7.61E-05	7.58E-05	7.55E-05	5.43E-06	1.03E-05	2.43E-04
606972	4122820	7.55E-05	7.51E-05	7.48E-05	3.29E-06	1.11E-05	2.40E-04	Worker	3.25E-09	7.88E-08	8.68E-08	9.64E-09	0.18	0.00	7.55E-05	7.51E-05	7.48E-05	5.35E-06	1.02E-05	2.41E-04
606992	4122820	7.46E-05	7.43E-05	7.39E-05	3.24E-06	1.09E-05	2.37E-04	Worker	3.21E-09	7.78E-08	8.58E-08	9.52E-09	0.18	0.00	7.46E-05	7.43E-05	7.39E-05	5.27E-06	1.00E-05	2.38E-04
607012	4122820	7.38E-05	7.34E-05	7.31E-05	3.20E-06	1.07E-05	2.34E-04	Worker	3.18E-09	7.69E-08	8.48E-08	9.41E-09	0.17	0.00	7.38E-05	7.34E-05	7.31E-05	5.20E-06	9.84E-06	2.35E-04
607032	4122820	7.30E-05	7.26E-05	7.23E-05	3.16E-06	1.05E-05	2.32E-04	Worker	3.14E-09	7.61E-08	8.38E-08	9.31E-09	0.17	0.00	7.30E-05	7.26E-05	7.23E-05	5.13E-06	9.68E-06	2.33E-04
607052	4122820	7.22E-05	7.18E-05	7.15E-05	3.11E-06	1.03E-05	2.29E-04	Worker	3.11E-09	7.52E-08	8.29E-08	9.21E-09	0.17	0.00	7.22E-05	7.18E-05	7.15E-05	5.06E-06	9.52E-06	2.30E-04
605632	4122840	2.70E-04	2.67E-04	2.64E-04	1.38E-05	2.86E-05	8.43E-04	Residence	1.14E-08	2.77E-07	3.05E-07	3.39E-08	0.63	0.00	2.70E-04	2.67E-04	2.64E-04	2.25E-05	2.63E-05	8.49E-04
605652	4122840	2.67E-04	2.64E-04	2.62E-04	1.37E-05	2.83E-05	8.35E-04	Residence	1.13E-08	2.74E-07	3.02E-07	3.36E-08	0.62	0.00	2.67E-04	2.64E-04	2.62E-04	2.22E-05	2.61E-05	8.41E-04
605672	4122840	2.63E-04	2.60E-04	2.57E-04	1.35E-05	2.80E-05	8.22E-04	Residence	1.11E-08	2.70E-07	2.97E-07	3.30E-08	0.61	0.00	2.63E-04	2.60E-04	2.57E-04	2.19E-05	2.58E-05	8.28E-04
605692	4122840	2.59E-04	2.57E-04	2.54E-04	1.33E-05	2.77E-05	8.11E-04	Residence	1.10E-08	2.67E-07	2.94E-07	3.26E-08	0.60	0.00	2.59E-04	2.57E-04	2.54E-04	2.16E-05	2.55E-05	8.18E-04

605712	4122840	2.58E-04	2.56E-04	2.53E-04	1.31E-05	2.75E-05	8.07E-04	Residence	1.09E-08	2.65E-07	2.92E-07	3.24E-08	0.60	0.00	2.58E-04	2.56E-04	2.53E-04	2.13E-05	2.53E-05	8.13E-04
605792	4122840	2.43E-04	2.41E-04	2.38E-04	1.23E-05	2.62E-05	7.61E-04	Residence	1.03E-08	2.50E-07	2.75E-07	3.06E-08	0.57	0.00	2.43E-04	2.41E-04	2.38E-04	2.00E-05	2.41E-05	7.66E-04
605812	4122840	2.41E-04	2.38E-04	2.36E-04	1.21E-05	2.59E-05	7.53E-04	Residence	1.02E-08	2.47E-07	2.73E-07	3.03E-08	0.56	0.00	2.41E-04	2.38E-04	2.36E-04	1.97E-05	2.39E-05	7.58E-04
605832	4122840	2.37E-04	2.35E-04	2.32E-04	1.20E-05	2.57E-05	7.41E-04	Residence	1.01E-08	2.44E-07	2.68E-07	2.98E-08	0.55	0.00	2.37E-04	2.35E-04	2.32E-04	1.95E-05	2.36E-05	7.47E-04
605852	4122840	2.33E-04	2.31E-04	2.28E-04	1.18E-05	2.54E-05	7.29E-04	Residence	9.89E-09	2.40E-07	2.64E-07	2.93E-08	0.54	0.00	2.33E-04	2.31E-04	2.28E-04	1.92E-05	2.34E-05	7.35E-04
605872	4122840	2.29E-04	2.27E-04	2.24E-04	1.17E-05	2.52E-05	7.17E-04	Residence	9.72E-09	2.35E-07	2.59E-07	2.88E-08	0.53	0.00	2.29E-04	2.27E-04	2.24E-04	1.90E-05	2.32E-05	7.22E-04
605892	4122840	2.25E-04	2.23E-04	2.21E-04	1.15E-05	2.49E-05	7.05E-04	Residence	9.56E-09	2.31E-07	2.55E-07	2.83E-08	0.52	0.00	2.25E-04	2.23E-04	2.21E-04	1.88E-05	2.29E-05	7.10E-04
605912	4122840	2.21E-04	2.19E-04	2.17E-04	1.14E-05	2.47E-05	6.93E-04	Residence	9.39E-09	2.27E-07	2.51E-07	2.78E-08	0.52	0.00	2.21E-04	2.19E-04	2.17E-04	1.85E-05	2.27E-05	6.98E-04
606092	4122840	1.85E-04	1.83E-04	1.82E-04	9.77E-06	2.27E-05	5.82E-04	Worker	7.89E-09	1.91E-07	2.11E-07	2.34E-08	0.43	0.00	1.85E-04	1.83E-04	1.82E-04	1.59E-05	2.09E-05	5.86E-04
606112	4122840	1.82E-04	1.81E-04	1.80E-04	9.54E-06	2.25E-05	5.75E-04	Worker	7.80E-09	1.89E-07	2.08E-07	2.31E-08	0.43	0.00	1.82E-04	1.81E-04	1.80E-04	1.55E-05	2.07E-05	5.79E-04
606192	4122840	1.67E-04	1.66E-04	1.65E-04	8.56E-06	2.13E-05	5.27E-04	Worker	7.15E-09	1.73E-07	1.91E-07	2.12E-08	0.39	0.00	1.67E-04	1.66E-04	1.65E-04	1.39E-05	1.96E-05	5.31E-04
606212	4122840	1.62E-04	1.61E-04	1.60E-04	8.32E-06	2.10E-05	5.13E-04	Worker	6.95E-09	1.68E-07	1.86E-07	2.06E-08	0.38	0.00	1.62E-04	1.61E-04	1.60E-04	1.35E-05	1.94E-05	5.16E-04
606252	4122840	1.54E-04	1.53E-04	1.52E-04	7.84E-06	2.04E-05	4.87E-04	Worker	6.61E-09	1.60E-07	1.76E-07	1.96E-08	0.36	0.00	1.54E-04	1.53E-04	1.52E-04	1.27E-05	1.88E-05	4.91E-04
606272	4122840	1.50E-04	1.49E-04	1.48E-04	7.60E-06	2.01E-05	4.75E-04	Worker	6.44E-09	1.56E-07	1.72E-07	1.91E-08	0.35	0.00	1.50E-04	1.49E-04	1.48E-04	1.24E-05	1.85E-05	4.78E-04
606292	4122840	1.46E-04	1.45E-04	1.44E-04	7.37E-06	1.98E-05	4.63E-04	Worker	6.28E-09	1.52E-07	1.68E-07	1.86E-08	0.34	0.00	1.46E-04	1.45E-04	1.44E-04	1.20E-05	1.83E-05	4.66E-04
606312	4122840	1.43E-04	1.42E-04	1.41E-04	7.15E-06	1.95E-05	4.52E-04	Worker	6.13E-09	1.48E-07	1.64E-07	1.82E-08	0.34	0.00	1.43E-04	1.42E-04	1.41E-04	1.16E-05	1.80E-05	4.55E-04
606332	4122840	1.39E-04	1.38E-04	1.38E-04	6.94E-06	1.92E-05	4.42E-04	Worker	5.99E-09	1.45E-07	1.60E-07	1.77E-08	0.33	0.00	1.39E-04	1.38E-04	1.38E-04	1.13E-05	1.77E-05	4.44E-04
606352	4122840	1.35E-04	1.35E-04	1.34E-04	6.73E-06	1.89E-05	4.30E-04	Worker	5.83E-09	1.41E-07	1.56E-07	1.73E-08	0.32	0.00	1.35E-04	1.35E-04	1.34E-04	1.09E-05	1.74E-05	4.33E-04
606372	4122840	1.32E-04	1.32E-04	1.31E-04	6.53E-06	1.86E-05	4.20E-04	Worker	5.70E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	1.32E-04	1.32E-04	1.31E-04	1.06E-05	1.71E-05	4.23E-04
606392	4122840	1.29E-04	1.28E-04	1.27E-04	6.33E-06	1.83E-05	4.09E-04	Worker	5.55E-09	1.34E-07	1.48E-07	1.64E-08	0.30	0.00	1.29E-04	1.28E-04	1.27E-04	1.03E-05	1.69E-05	4.11E-04
606412	4122840	1.25E-04	1.25E-04	1.24E-04	6.15E-06	1.80E-05	3.98E-04	Worker	5.39E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	1.25E-04	1.25E-04	1.24E-04	9.99E-06	1.66E-05	4.00E-04
606432	4122840	1.22E-04	1.21E-04	1.20E-04	5.97E-06	1.77E-05	3.87E-04	Worker	5.25E-09	1.27E-07	1.40E-07	1.56E-08	0.29	0.00	1.22E-04	1.21E-04	1.20E-04	9.71E-06	1.63E-05	3.89E-04
606452	4122840	1.19E-04	1.18E-04	1.18E-04	5.81E-06	1.74E-05	3.77E-04	Worker	5.12E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	1.19E-04	1.18E-04	1.18E-04	9.43E-06	1.60E-05	3.80E-04
606672	4122840	9.04E-05	9.01E-05	8.98E-05	4.34E-06	1.42E-05	2.89E-04	Worker	3.92E-09	9.49E-08	1.05E-07	1.16E-08	0.22	0.00	9.04E-05	9.01E-05	8.98E-05	7.06E-06	1.31E-05	2.91E-04
606692	4122840	8.89E-05	8.86E-05	8.82E-05	4.23E-06	1.40E-05	2.84E-04	Worker	3.85E-09	9.33E-08	1.03E-07	1.14E-08	0.21	0.00	8.89E-05	8.86E-05	8.82E-05	6.88E-06	1.29E-05	2.85E-04
606712	4122840	8.74E-05	8.71E-05	8.68E-05	4.13E-06	1.37E-05	2.79E-04	Worker	3.78E-09	9.17E-08	1.01E-07	1.12E-08	0.21	0.00	8.74E-05	8.71E-05	8.68E-05	6.71E-06	1.26E-05	2.81E-04
606732	4122840	8.60E-05	8.57E-05	8.54E-05	4.03E-06	1.34E-05	2.74E-04	Worker	3.72E-09	9.02E-08	9.94E-08	1.10E-08	0.20	0.00	8.60E-05	8.57E-05	8.54E-05	6.55E-06	1.24E-05	2.76E-04
606752	4122840	8.54E-05	8.50E-05	8.47E-05	3.93E-06	1.32E-05	2.72E-04	Worker	3.69E-09	8.94E-08	9.86E-08	1.09E-08	0.20	0.00	8.54E-05	8.50E-05	8.47E-05	6.39E-06	1.21E-05	2.74E-04
606852	4122840	7.93E-05	7.89E-05	7.87E-05	3.54E-06	1.20E-05	2.52E-04	Worker	3.42E-09	8.29E-08	9.14E-08	1.01E-08	0.19	0.00	7.93E-05	7.89E-05	7.87E-05	5.75E-06	1.11E-05	2.54E-04
606872	4122840	7.88E-05	7.85E-05	7.82E-05	3.47E-06	1.18E-05	2.51E-04	Worker	3.40E-09	8.24E-08	9.08E-08	1.01E-08	0.19	0.00	7.88E-05	7.85E-05	7.82E-05	5.65E-06	1.09E-05	2.52E-04
606892	4122840	7.81E-05	7.77E-05	7.74E-05	3.41E-06	1.16E-05	2.48E-04	Worker	3.37E-09	8.15E-08	8.99E-08	9.98E-09	0.18	0.00	7.81E-05	7.77E-05	7.74E-05	5.55E-06	1.07E-05	2.49E-04
606912	4122840	7.74E-05	7.70E-05	7.67E-05	3.36E-06	1.14E-05	2.46E-04	Worker	3.33E-09	8.08E-08	8.90E-08	9.88E-09	0.18	0.00	7.74E-05	7.70E-05	7.67E-05	5.46E-06	1.05E-05	2.47E-04
606932	4122840	7.65E-05	7.62E-05	7.59E-05	3.31E-06	1.12E-05	2.43E-04	Worker	3.30E-09	7.99E-08	8.80E-08	9.77E-09	0.18	0.00	7.65E-05	7.62E-05	7.59E-05	5.38E-06	1.03E-05	2.44E-04
606952	4122840	7.47E-05	7.44E-05	7.41E-05	3.26E-06	1.10E-05	2.37E-04	Worker	3.22E-09	7.80E-08	8.60E-08	9.54E-09	0.18	0.00	7.47E-05	7.44E-05	7.41E-05	5.29E-06	1.01E-05	2.39E-04
606972	4122840	7.40E-05	7.37E-05	7.34E-05	3.21E-06	1.08E-05	2.35E-04	Worker	3.19E-09	7.72E-08	8.51E-08	9.45E-09	0.17	0.00	7.40E-05	7.37E-05	7.34E-05	5.22E-06	9.95E-06	2.36E-04
606992	4122840	7.32E-05	7.29E-05	7.26E-05	3.17E-06	1.06E-05	2.33E-04	Worker	3.15E-09	7.64E-08	8.42E-08	9.35E-09	0.17	0.00	7.32E-05	7.29E-05	7.26E-05	5.15E-06	9.79E-06	2.34E-04
607012	4122840	7.24E-05	7.20E-05	7.17E-05	3.12E-06	1.05E-05	2.30E-04	Worker	3.12E-09	7.55E-08	8.32E-08	9.24E-09	0.17	0.00	7.24E-05	7.20E-05	7.17E-05	5.08E-06	9.63E-06	2.31E-04
607032	4122840	7.16E-05	7.13E-05	7.10E-05	3.08E-06	1.03E-05	2.27E-04	Worker	3.08E-09	7.46E-08	8.22E-08	9.13E-09	0.17	0.00	7.16E-05	7.13E-05	7.10E-05	5.01E-06	9.47E-06	2.28E-04
607052	4122840	7.09E-05	7.06E-05	7.03E-05	3.04E-06	1.01E-05	2.25E-04	Worker	3.05E-09	7.39E-08	8.14E-08	9.04E-09	0.17	0.00	7.09E-05	7.06E-05	7.03E-05	4.94E-06	9.32E-06	2.26E-04
606158	4121900	2.87E-04	3.08E-04	3.34E-04	6.32E-04	2.80E-03	4.36E-03	Worker	5.92E-08	1.43E-06	1.58E-06	1.75E-07	3.25	0.00	2.87E-04	3.08E-04	3.34E-04	1.03E-03	2.58E-03	4.53E-03
606169	4121883	2.61E-04	2.73E-04	2.89E-04	3.38E-04	2.48E-03	3.64E-03	Worker	4.94E-08	1.20E-06	1.32E-06	1.46E-07	2.71	0.00	2.61E-04	2.73E-04	2.89E-04	5.49E-04	2.28E-03	3.65E-03
606132	4121801	1.49E-04	1.53E-04	1.57E-04	4.04E-05	4.15E-04	9.14E-04	Worker	1.24E-08	3.00E-07	3.31E-07	3.67E-08	0.68	0.00	1.49E-04	1.53E-04	1.57E-04	6.57E-05	3.82E-04	9.06E-04
606385	4122113	2.18E-04	2.15E-04	2.12E-04	4.06E-05	1.21E-04	8.07E-04	Worker	1.09E-08	2.65E-07	2.92E-07	3.24E-08	0.60	0.00	2.18E-04	2.15E-04	2.12E-04	6.60E-05	1.11E-04	8.23E-04
606405	4122113	2.03E-04	2.01E-04	1.98E-04	3.77E-05	1.12E-04	7.51E-04	Worker	1.02E-08	2.47E-07	2.72E-07	3.02E-08	0.56	0.00	2.03E-04	2.01E-04	1.98E-04	6.12E-05	1.03E-04	7.65E-04
606425	4122113	1.92E-04	1.89E-04	1.87E-04	3.53E-05	1.05E-04	7.08E-04	Worker	9.61E-09	2.33E-07	2.56E-07	2.85E-08	0.53	0.00	1.92E-04	1.89E-04	1.87E-04	5.73E-05	9.64E-05	7.22E-04
606445	4122113	1.83E-04	1.81E-04	1.79E-04	3.32E-05	1.05E-04	6.81E-04	Worker	9.23E-09	2.24E-07	2.46E-07	2.74E-08	0.51	0.00	1.83E-04	1.81E-04	1.79E-04	5.40E-05	9.69E-05	6.93E-04
606465	4122113	1.78E-04	1.76E-04	1.74E-04	3.12E-05	9.87E-05	6.59E-04	Worker	8.93E-09	2.16E-07	2.38E-07	2.65E-08	0.49	0.00	1.78E-04	1.76E-04	1.74E-04	5.06E-05	9.08E-05	6.70E-04
606385	4122133	2.10E-04	2.09E-04	2.06E-04	3.66E-05	1.10E-04	7.71E-04	Worker	1.05E-08	2.53E-07	2.79E-07	3.10E-08	0.57	0.00	2.10E-04	2.09E-04	2.06E-04	5.94E-05	1.01E-04	7.85E-04
606405	4122133	1.94E-04	1.93E-04	1.90E-04	3.43E-05	1.11E-04	7.23E-04	Worker	9.80E-09	2.37E-07	2.62E-07	2.90E-08	0.54	0.00	1.94E-04	1.93E-04	1.90E-04	5.58E-05	1.02E-04	7.35E-04
606425	4122133	1.83E-04	1.82E-04	1.80E-04	3.25E-05	1.04E-04	6.81E-04	Worker	9.24E-09	2.24E-07	2.47E-07	2.74E-08	0.51	0.00	1.83E-04	1.82E-04	1.80E-04	5.27E-05	9.56E-05	6.93E-04
606445	4122133	1.76E-04	1.75E-04	1.73E-04	3.05E-05	9.74E-05	6.52E-04	Worker	8.84E-09	2.14E-07	2.36E-07	2.62E-08	0.49	0.00	1.76E-04	1.75E-04	1.73E-04	4.96E-05	8.96E-05	6.63E-04
606465	4122133	1.72E-04	1.71E-04	1.69E-04	2.87E-05	9.15E-05	6.33E-04	Worker	8.58E-09	2.08E-07	2.29E-07	2.54E-08	0.47	0.00	1.72E-04	1.71E-04	1.69E-04	4.67E-05	8.42E-05	6.43E-04
606385	4122153	2.02E-04	2.01E-04	1.99E-04	3.41E-05	1.10E-04	7.45E-04	Worker	1.01E-08	2.45E-07	2.70E-07	2.99E-08	0.55	0.00	2.02E-04	2.01E-04	1.99E-04	5.54E-05	1.01E-04	7.57E-04
606405	4122153	1.88E-04	1.86E-04	1.85E-04	3.18E-05	1.02E-04	6.93E-04	Worker	9.40E-09	2.28E-07	2.51E-07	2.79E-08	0.52	0.00	1.88E-04	1.86E-04	1.85E-04	5.16E-05	9.43E-05	7.05E-04
606425	4122153	1.78E-04	1.77E-04	1.75E-04	2.98E-05	9.61E-05	6.56E-04	Worker	8.89E-09	2.15E-07	2.37E-07	2.64E-08	0.49	0.00	1.78E-04	1.77E-04	1.75E-04	4.84E-05	8.84E-05	6.67E-04
606445	4122153	1.71E-04	1.70E-04	1.69E-04	2.81E-05	9.03E-05	6.29E-04	Worker	8.54E-09	2.07E-07	2.28E-07	2.53E-08	0.47	0.00	1.71E-04	1.70E-04	1.69E-04	4.56E-05	8.31E-05	6.40E-04
606465	4122153	1.68E-04	1.67E-04	1.66E-04	2.65E-05	8.50E-05	6.12E-04	Worker	8.30E-09	2.01E-07	2.21E-07	2.46E-08	0.46	0.00	1.68E-04	1.67E-04	1.66E-04	4.31E-05	7.82E-05	6.22E-04
606385	4122173	1.99E-04	1.98E-04	1.97E-04	3.16E-05	1.02E-04	7.27E-04	Worker	9.87E-09	2.39E-07	2.63E-07	2.92E-08	0.54	0.00	1.99E-04	1.98E-04	1.97E-04	5.14E-05	9.35E-05	7.39E-04
606405	4122173	1.84E-04	1.84E-04	1.83E-04	2.94E-05	9.51E-05	6.76E-04	Worker	9.16E-09	2.22E-07	2.45E-07	2.72E-08	0.50	0.00	1.84E-04	1.84E-04	1.83E-04	4.78E-05	8.75E-05	6.86E-04
606425	4122173	1.75E-04	1.75E-04	1.74E-04	2.75E-05	8.94E-05	6.40E-04	Worker	8.68E-09	2.10E-07	2.32E-07	2.57E-08	0.48	0.00	1.75E-04	1.75E-04	1.74E-04	4.48E-05	8.22E-05	6.50E-04
606445	4122173	1.70E-04	1.69E-04	1.69E-04	2.60E-05	8.43E-05	6.19E-04	Worker	8.39E-09	2.03E-07	2.24E-07	2.49E-08	0.46	0.00	1.70E-04	1.69E-04	1.69E-04	4.22E-05	7.75E-05	6.28E-04
606465	4122173	1.66E-04	1.66E-04	1.65E-04	2.46E-05	7.94E-05	6.01E-04	Worker	8.15E-09	1.97E-07	2.18E-07	2.42E-08	0.45	0.00	1.66E-04	1.66E-04	1.65E-04	3.99E-05	7.31E-05	6.10E-04
606385	4122193	1.98E-04	1.98E-04	1.98E-04	2.92E-05	9.37E-05	7.17E-04	Worker	9.72E-09	2.36E-07	2.60E-07	2.88E-08	0.53	0.00	1.98E-04	1.98E-04	1.98E-04	4.75E-05	8.62E-05	7.28E-04
606405	4122193	1.85E-04	1.85E-04	1.85E-04	2.72E-05	8.82E-05	6.71E-04	Worker	9.10E-09	2.21E-07	2.43E-07	2.70E-08	0.50	0.00	1.85E-04	1.85E-04	1.85E-04	4.42E-05	8.12E-05	6.81E-04
606425	4122193	1.76E-04	1.76E-04	1.76E-04	2.55E-05	8.32E-05	6.36E-04	Worker	8.63E-09	2.09E-07	2.30E-07	2.56E-08	0.47	0.00	1.76E-04	1.76E-04	1.76E-04	4.15E-05	7.65E-05	6.46E-04
606445	4122193	1.71E-04	1.71E-04	1.71E-04	2.41E-05	7.85E-05	6.15E-04	Worker	8.34E-09	2.02E-07	2.23E-07	2.47E-08	0.46	0.00	1.71E-04	1.71E-04	1.71E-04	3.91E-05	7.23E-05	6.24E-04
606465	4122193	1.66E-04	1.65E-04	1.65E-04	2.28E-05	7.42E-05	5.93E-04	Worker	8.05E-09	1.95E-07	2.15E-07	2.38E-08	0.44	0.00	1.66E-04	1.65E-04	1.65E-04	3.71E-05	6.83E-05	6.02E-04

Kaiser San José

Operational Health Risk Assessment with Exposure Starting after Construction Ends - At Residential MEIR

Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

2.85

				Days			
Operation Source	AERMOD Source	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Age 16<30
Emergency Generator 1	STCK1	Annual		0	0	4800	5110
Emergency Generator 2	STCK2	Annual		0	0	4800	5110
Emergency Generator 3	STCK3	Annual		0	0	4800	5110
Truck Idling at Loading Dock	PAREA5	Annual		0	0	4800	5110
TRU Idling at Loading Dock	VOL1	Annual		0	0	4800	5110

			DPM (tons)	$PM_{2.5}$ (tons)	DPM (g/s)	$PM_{2.5}$ (g/s)
AERMOD Source	Start Date	End Date	Annual O&M	Annual O&M	Annual O&M	Annual O&M
STCK1	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
STCK2	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
STCK3	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
PAREA5	Annual		2.31E-04	3.75E-04	6.63E-06	1.08E-05
VOL1	Annual		6.73E-04	6.19E-04	1.94E-05	1.78E-05

Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30	
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261	95th percentile DBR for age groups < 2, 80th percentile for >2
Fraction Of Time At Home	FAH	unitless	1	1	1	0.73	operational risk less greater 1 for school and daycare
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96	
Age Sensitivity Factor	ASF	unitless	10	10	3	1	
Inhalation Absorption Factor	A	unitless	1	1	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70	70	70	70	

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*FAH*EF*ED*ASF*A*CF/AT

Operational Source	Year	3rd Trimester	0<2	2<16	16<30
All sources	Annual	0.000	0.000	0.309	0.037

Risk Calculation Part 1, R1 = IF*CPF*CF

Year	3rd Trimester	0<2	2<16	16<30
Annual	0.00E+00	0.00E+00	3.40E-04	4.02E-05

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Residence

	Max Risk	UTM X	UTM Y
Cancer	2.86	606472	4121800
HI	0.002	606472	4121800
$PM_{2.5}$	0.01	606472	4121800

At Construction MEIR

Risk	UTM X	UTM Y
0.26	606072	4121800
0.001	606512	4121800
0.01	606512	4121800

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

		Annual O&M						
X (UTM)	Y (UTM	STCK1	STCK2	STCK3	PAREA5	VOL1	Total	Receptor Type
605632	4121420	5.40E-05	5.45E-05	5.50E-05	1.93E-06	1.98E-05	1.85E-04	Residence
605652	4121420	5.46E-05	5.51E-05	5.56E-05	1.95E-06	2.05E-05	1.88E-04	Residence
605672	4121420	5.44E-05	5.49E-05	5.53E-05	1.98E-06	2.11E-05	1.88E-04	Residence
605692	4121420	5.52E-05	5.57E-05	5.62E-05	2.02E-06	2.19E-05	1.91E-04	Residence
605712	4121420	5.61E-05	5.66E-05	5.71E-05	2.06E-06	2.26E-05	1.94E-04	Residence
605732	4121420	5.68E-05	5.73E-05	5.78E-05	2.10E-06	2.34E-05	1.97E-04	Residence
605752	4121420	5.74E-05	5.79E-05	5.84E-05	2.15E-06	2.42E-05	2.00E-04	Residence
605772	4121420	5.80E-05	5.85E-05	5.90E-05	2.20E-06	2.50E-05	2.03E-04	Residence
605792	4121420	5.86E-05	5.91E-05	5.96E-05	2.27E-06	2.59E-05	2.05E-04	Residence
605812	4121420	5.92E-05	5.97E-05	6.02E-05	2.34E-06	2.68E-05	2.08E-04	Residence
605832	4121420	5.99E-05	6.04E-05	6.09E-05	2.43E-06	2.78E-05	2.11E-04	Residence
605852	4121420	6.06E-05	6.12E-05	6.17E-05	2.53E-06	2.87E-05	2.15E-04	Residence
605872	4121420	6.14E-05	6.19E-05	6.25E-05	2.65E-06	2.97E-05	2.18E-04	Residence
605892	4121420	6.13E-05	6.18E-05	6.24E-05	2.77E-06	3.08E-05	2.19E-04	Residence
605912	4121420	6.24E-05	6.29E-05	6.35E-05	2.92E-06	3.19E-05	2.24E-04	Residence
605932	4121420	6.32E-05	6.37E-05	6.43E-05	3.07E-06	3.29E-05	2.27E-04	Residence
605952	4121420	6.42E-05	6.46E-05	6.53E-05	3.25E-06	3.41E-05	2.31E-04	Residence
605972	4121420	6.54E-05	6.59E-05	6.65E-05	3.43E-06	3.52E-05	2.36E-04	Residence
605992	4121420	6.63E-05	6.68E-05	6.74E-05	3.64E-06	3.64E-05	2.40E-04	Residence
606012	4121420	6.74E-05	6.79E-05	6.85E-05	3.86E-06	3.76E-05	2.45E-04	Residence
606032	4121420	6.91E-05	6.95E-05	7.02E-05	4.10E-06	3.88E-05	2.52E-04	Residence
606052	4121420	7.08E-05	7.12E-05	7.18E-05	4.37E-06	4.00E-05	2.58E-04	Residence
606072	4121420	7.26E-05	7.30E-05	7.37E-05	4.68E-06	4.13E-05	2.65E-04	Residence
606092	4121420	7.51E-05	7.56E-05	7.63E-05	5.04E-06	4.27E-05	2.75E-04	Residence
606112	4121420	7.86E-05	7.90E-05	7.98E-05	5.48E-06	4.41E-05	2.87E-04	Residence
606132	4121420	7.99E-05	8.03E-05	8.11E-05	5.98E-06	4.56E-05	2.93E-04	Residence
606152	4121420	8.24E-05	8.29E-05	8.36E-05	6.58E-06	4.71E-05	3.03E-04	Residence
606172	4121420	8.54E-05	8.59E-05	8.67E-05	7.26E-06	4.88E-05	3.14E-04	Residence
606192	4121420	8.92E-05	8.98E-05	9.06E-05	8.04E-06	5.05E-05	3.28E-04	Residence
606212	4121420	9.40E-05	9.45E-05	9.54E-05	8.90E-06	5.24E-05	3.45E-04	Residence
606232	4121420	9.92E-05	9.98E-05	1.01E-04	9.83E-06	5.43E-05	3.64E-04	Residence
606252	4121420	1.05E-04	1.06E-04	1.07E-04	1.08E-05	5.64E-05	3.86E-04	Residence
606272	4121420	1.12E-04	1.13E-04	1.15E-04	1.19E-05	5.86E-05	4.11E-04	Residence
606292	4121420	1.21E-04	1.22E-04	1.23E-04	1.31E-05	6.10E-05	4.39E-04	Residence
606312	4121420	1.30E-04	1.31E-04	1.33E-04	1.43E-05	6.35E-05	4.72E-04	Residence
606332	4121420	1.41E-04	1.43E-04	1.45E-04	1.57E-05	6.62E-05	5.11E-04	Residence

Risk Calculation Part 2

	$\sum R1*C_{DPM}$					HI
3rd Trimester	0<2	2<16	16<30	Total	C_{DPM}/REL
0.00E+00	0.00E+00	6.30E-08	7.45E-09	0.07	0.00
0.00E+00	0.00E+00	6.39E-08	7.55E-09	0.07	0.00
0.00E+00	0.00E+00	6.38E-08	7.55E-09	0.07	0.00
0.00E+00	0.00E+00	6.49E-08	7.68E-09	0.07	0.00
0.00E+00	0.00E+00	6.61E-08	7.82E-09	0.07	0.00
0.00E+00	0.00E+00	6.71E-08	7.94E-09	0.08	0.00
0.00E+00	0.00E+00	6.80E-08	8.04E-09	0.08	0.00
0.00E+00	0.00E+00	6.89E-08	8.14E-09	0.08	0.00
0.00E+00	0.00E+00	6.98E-08	8.26E-09	0.08	0.00
0.00E+00	0.00E+00	7.08E-08	8.37E-09	0.08	0.00
0.00E+00	0.00E+00	7.19E-08	8.50E-09	0.08	0.00
0.00E+00	0.00E+00	7.30E-08	8.63E-09	0.08	0.00
0.00E+00	0.00E+00	7.42E-08	8.77E-09	0.08	0.00
0.00E+00	0.00E+00	7.45E-08	8.80E-09	0.08	0.00
0.00E+00	0.00E+00	7.60E-08	8.99E-09	0.09	0.00
0.00E+00	0.00E+00	7.73E-08	9.14E-09	0.09	0.00
0.00E+00	0.00E+00	7.87E-08	9.30E-09	0.09	0.00
0.00E+00	0.00E+00	8.04E-08	9.50E-09	0.09	0.00
0.00E+00	0.00E+00	8.18E-08	9.67E-09	0.09	0.00
0.00E+00	0.00E+00	8.34E-08	9.86E-09	0.09	0.00
0.00E+00	0.00E+00	8.56E-08	1.01E-08	0.10	0.00
0.00E+00	0.00E+00	8.78E-08	1.04E-08	0.10	0.00
0.00E+00	0.00E+00	9.02E-08	1.07E-08	0.10	0.00
0.00E+00	0.00E+00	9.34E-08	1.10E-08	0.10	0.00
0.00E+00	0.00E+00	9.76E-08	1.15E-08	0.11	0.00
0.00E+00	0.00E+00	9.96E-08	1.18E-08	0.11	0.00
0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00
0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00
0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.12	0.00
0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00
0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00
0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00
0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00
0.00E+00	0.00E+00	1.49E-07	1.77E-08	0.17	0.00
0.00E+00	0.00E+00	1.61E-07	1.90E-08	0.18	0.00
0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00

Annual $PM_{2.5}$ Concentration

Annual O&M					
STCK1	STCK2	STCK3	PAREA5	VOL1	Total
5.40E-05	5.45E-05	5.50E-05	3.13E-06	1.82E-05	1.85E-04
5.46E-05	5.51E-05	5.56E-05	3.18E-06	1.88E-05	1.87E-04
5.44E-05	5.49E-05	5.53E-05	3.22E-06	1.94E-05	1.87E-04
5.52E-05	5.57E-05	5.62E-05	3.28E-06	2.01E-05	1.90E-04
5.61E-05	5.66E-05	5.71E-05	3.34E-06	2.08E-05	1.94E-04
5.68E-05	5.73E-05	5.78E-05	3.41E-06	2.15E-05	1.97E-04
5.74E-05	5.79E-05	5.84E-05	3.49E-06	2.23E-05	1.99E-04
5.80E-05	5.85E-05	5.90E-05	3.58E-06	2.30E-05	2.02E-04
5.86E-05	5.91E-05	5.96E-05	3.69E-06	2.38E-05	2.05E-04
5.92E-05	5.97E-05	6.02E-05	3.81E-06	2.47E-05	2.08E-04
5.99E-05	6.04E-05	6.09E-05	3.95E-06	2.55E-05	2.11E-04
6.06E-05	6.12E-05	6.17E-05	4.11E-06	2.64E-05	2.14E-04
6.14E-05	6.19E-05	6.25E-05	4.30E-06	2.74E-05	2.17E-04
6.13E-05	6.18E-05	6.24E-05	4.51E-06	2.83E-05	2.18E-04
6.24E-05	6.29E-05	6.35E-05	4.74E-06	2.93E-05	2.23E-04
6.32E-05	6.37E-05	6.43E-05	4.99E-06	3.03E-05	2.27E-04
6.42E-05	6.46E-05	6.53E-05	5.28E-06	3.13E-05	2.31E-04
6.54E-05	6.59E-05	6.65E-05	5.58E-06	3.24E-05	2.36E-04
6.63E-05	6.68E-05	6.74E-05	5.91E-06	3.35E-05	2.40E-04
6.74E-05	6.79E-05	6.85E-05	6.27E-06	3.46E-05	2.45E-04
6.91E-05	6.95E-05	7.02E-05	6.66E-06	3.57E-05	2.51E-04
7.08E-05	7.12E-05	7.18E-05	7.10E-06	3.68E-05	2.58E-04
7.26E-05	7.30E-05	7.37E-05	7.60E-06	3.80E-05	2.65E-04
7.51E-05	7.56E-05	7.63E-05	8.19E-06	3.93E-05	2.74E-04
7.86E-05	7.90E-05	7.98E-05	8.90E-06	4.06E-05	2.87E-04
7.99E-05	8.03E-05	8.11E-05	9.72E-06	4.19E-05	2.93E-04
8.24E-05	8.29E-05	8.36E-05	1.07E-05	4.33E-05	3.03E-04
8.54E-05	8.59E-05	8.67E-05	1.18E-05	4.49E-05	3.15E-04
8.92E-05	8.98E-05	9.06E-05	1.31E-05	4.65E-05	3.29E-04
9.40E-05	9.45E-05	9.54E-05	1.45E-05	4.82E-05	3.47E-04
9.92E-05	9.98E-05	1.01E-04	1.60E-05	5.00E-05	3.66E-04
1.05E-04	1.06E-04	1.07E-04	1.76E-05	5.19E-05	3.88E-04
1.12E-04	1.13E-04	1.15E-04	1.94E-05	5.39E-05	4.14E-04
1.21E-04	1.22E-04	1.23E-04	2.13E-05	5.61E-05	4.43E-04
1.30E-04	1.31E-04	1.33E-04	2.33E-05	5.84E-05	4.76E-04
1.41E-04	1.43E-04	1.45E-04	2.55E-05	6.09E-05	5.16E-04

606352	4121420	1.54E-04	1.56E-04	1.58E-04	1.72E-05	6.92E-05	5.55E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.23E-08	0.21	0.00	1.54E-04	1.56E-04	1.58E-04	2.79E-05	6.36E-05	5.60E-04
606372	4121420	1.68E-04	1.70E-04	1.73E-04	1.88E-05	7.23E-05	6.02E-04	Residence	0.00E+00	0.00E+00	2.05E-07	2.42E-08	0.23	0.00	1.68E-04	1.70E-04	1.73E-04	3.05E-05	6.65E-05	6.08E-04
606392	4121420	1.84E-04	1.86E-04	1.90E-04	2.05E-05	7.55E-05	6.56E-04	Residence	0.00E+00	0.00E+00	2.23E-07	2.64E-08	0.25	0.00	1.84E-04	1.86E-04	1.90E-04	3.33E-05	6.95E-05	6.63E-04
606412	4121420	2.01E-04	2.04E-04	2.08E-04	2.23E-05	7.88E-05	7.14E-04	Residence	0.00E+00	0.00E+00	2.43E-07	2.87E-08	0.27	0.00	2.01E-04	2.04E-04	2.08E-04	3.63E-05	7.25E-05	7.22E-04
606432	4121420	2.19E-04	2.22E-04	2.27E-04	2.41E-05	8.20E-05	7.74E-04	Residence	0.00E+00	0.00E+00	2.63E-07	3.11E-08	0.29	0.00	2.19E-04	2.22E-04	2.27E-04	3.92E-05	7.55E-05	7.83E-04
606452	4121420	2.42E-04	2.47E-04	2.53E-04	2.60E-05	8.52E-05	8.53E-04	Residence	0.00E+00	0.00E+00	2.90E-07	3.43E-08	0.32	0.00	2.42E-04	2.47E-04	2.53E-04	4.22E-05	7.84E-05	8.62E-04
606472	4121420	2.68E-04	2.74E-04	2.80E-04	2.77E-05	8.81E-05	9.38E-04	Residence	0.00E+00	0.00E+00	3.19E-07	3.77E-08	0.36	0.00	2.68E-04	2.74E-04	2.80E-04	4.50E-05	8.11E-05	9.48E-04
606492	4121420	2.94E-04	3.00E-04	3.08E-04	2.92E-05	9.06E-05	1.02E-03	Residence	0.00E+00	0.00E+00	3.47E-07	4.10E-08	0.39	0.00	2.94E-04	3.00E-04	3.08E-04	4.75E-05	8.33E-05	1.03E-03
606512	4121420	3.18E-04	3.25E-04	3.34E-04	3.05E-05	9.25E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.74E-07	4.42E-08	0.42	0.00	3.18E-04	3.25E-04	3.34E-04	4.96E-05	8.51E-05	1.11E-03
606532	4121420	3.46E-04	3.54E-04	3.63E-04	3.16E-05	9.40E-05	1.19E-03	Residence	0.00E+00	0.00E+00	4.04E-07	4.78E-08	0.45	0.00	3.46E-04	3.54E-04	3.63E-04	5.13E-05	8.65E-05	1.20E-03
606552	4121420	3.78E-04	3.87E-04	3.98E-04	3.24E-05	9.51E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.39E-07	5.19E-08	0.49	0.00	3.78E-04	3.87E-04	3.98E-04	5.27E-05	8.75E-05	1.30E-03
606572	4121420	4.09E-04	4.19E-04	4.30E-04	3.29E-05	9.56E-05	1.39E-03	Residence	0.00E+00	0.00E+00	4.72E-07	5.58E-08	0.53	0.00	4.09E-04	4.19E-04	4.30E-04	5.35E-05	8.80E-05	1.40E-03
606592	4121420	4.34E-04	4.45E-04	4.56E-04	3.32E-05	9.56E-05	1.46E-03	Residence	0.00E+00	0.00E+00	4.98E-07	5.88E-08	0.56	0.00	4.34E-04	4.45E-04	4.56E-04	5.39E-05	8.79E-05	1.48E-03
606612	4121420	4.61E-04	4.72E-04	4.84E-04	3.32E-05	9.51E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.21E-08	0.59	0.00	4.61E-04	4.72E-04	4.84E-04	5.40E-05	8.75E-05	1.56E-03
606632	4121420	4.86E-04	4.97E-04	5.09E-04	3.31E-05	9.43E-05	1.62E-03	Residence	0.00E+00	0.00E+00	5.51E-07	6.51E-08	0.62	0.00	4.86E-04	4.97E-04	5.09E-04	5.37E-05	8.68E-05	1.63E-03
606652	4121420	5.09E-04	5.20E-04	5.32E-04	3.28E-05	9.32E-05	1.69E-03	Residence	0.00E+00	0.00E+00	5.73E-07	6.78E-08	0.64	0.00	5.09E-04	5.20E-04	5.32E-04	5.33E-05	8.57E-05	1.70E-03
606672	4121420	5.27E-04	5.39E-04	5.51E-04	3.24E-05	9.18E-05	1.74E-03	Residence	0.00E+00	0.00E+00	5.92E-07	7.00E-08	0.66	0.00	5.27E-04	5.39E-04	5.51E-04	5.26E-05	8.44E-05	1.75E-03
606692	4121420	5.43E-04	5.55E-04	5.66E-04	3.19E-05	9.01E-05	1.79E-03	Residence	0.00E+00	0.00E+00	6.07E-07	7.18E-08	0.68	0.00	5.43E-04	5.55E-04	5.66E-04	5.18E-05	8.29E-05	1.80E-03
606712	4121420	5.56E-04	5.67E-04	5.78E-04	3.14E-05	8.83E-05	1.82E-03	Residence	0.00E+00	0.00E+00	6.19E-07	7.32E-08	0.69	0.00	5.56E-04	5.67E-04	5.78E-04	5.10E-05	8.12E-05	1.83E-03
606732	4121420	5.66E-04	5.77E-04	5.88E-04	3.08E-05	8.64E-05	1.85E-03	Residence	0.00E+00	0.00E+00	6.28E-07	7.43E-08	0.70	0.00	5.66E-04	5.77E-04	5.88E-04	5.00E-05	7.94E-05	1.86E-03
606752	4121420	5.73E-04	5.83E-04	5.93E-04	3.02E-05	8.43E-05	1.86E-03	Residence	0.00E+00	0.00E+00	6.34E-07	7.49E-08	0.71	0.00	5.73E-04	5.83E-04	5.93E-04	4.90E-05	7.76E-05	1.88E-03
606772	4121420	5.77E-04	5.87E-04	5.97E-04	2.95E-05	8.22E-05	1.87E-03	Residence	0.00E+00	0.00E+00	6.37E-07	7.53E-08	0.71	0.00	5.77E-04	5.87E-04	5.97E-04	4.80E-05	7.56E-05	1.88E-03
606792	4121420	5.79E-04	5.89E-04	5.98E-04	2.89E-05	8.00E-05	1.87E-03	Residence	0.00E+00	0.00E+00	6.37E-07	7.53E-08	0.71	0.00	5.79E-04	5.89E-04	5.98E-04	4.69E-05	7.36E-05	1.89E-03
606812	4121420	5.78E-04	5.88E-04	5.96E-04	2.82E-05	7.77E-05	1.87E-03	Residence	0.00E+00	0.00E+00	6.35E-07	7.51E-08	0.71	0.00	5.78E-04	5.88E-04	5.96E-04	4.58E-05	7.15E-05	1.88E-03
606832	4121420	5.77E-04	5.86E-04	5.94E-04	2.75E-05	7.55E-05	1.86E-03	Residence	0.00E+00	0.00E+00	6.33E-07	7.48E-08	0.71	0.00	5.77E-04	5.86E-04	5.94E-04	4.47E-05	6.95E-05	1.87E-03
606852	4121420	5.74E-04	5.82E-04	5.90E-04	2.68E-05	7.32E-05	1.85E-03	Residence	0.00E+00	0.00E+00	6.28E-07	7.42E-08	0.70	0.00	5.74E-04	5.82E-04	5.90E-04	4.36E-05	6.74E-05	1.86E-03
606872	4121420	5.71E-04	5.78E-04	5.86E-04	2.62E-05	7.10E-05	1.83E-03	Residence	0.00E+00	0.00E+00	6.23E-07	7.36E-08	0.70	0.00	5.71E-04	5.78E-04	5.86E-04	4.25E-05	6.53E-05	1.84E-03
606892	4121420	5.65E-04	5.72E-04	5.79E-04	2.55E-05	6.88E-05	1.81E-03	Residence	0.00E+00	0.00E+00	6.16E-07	7.28E-08	0.69	0.00	5.65E-04	5.72E-04	5.79E-04	4.14E-05	6.33E-05	1.82E-03
606912	4121420	5.58E-04	5.65E-04	5.71E-04	2.48E-05	6.66E-05	1.79E-03	Residence	0.00E+00	0.00E+00	6.07E-07	7.18E-08	0.68	0.00	5.58E-04	5.65E-04	5.71E-04	4.03E-05	6.12E-05	1.80E-03
606932	4121420	5.52E-04	5.58E-04	5.64E-04	2.41E-05	6.44E-05	1.76E-03	Residence	0.00E+00	0.00E+00	5.99E-07	7.08E-08	0.67	0.00	5.52E-04	5.58E-04	5.64E-04	3.91E-05	5.92E-05	1.77E-03
606952	4121420	5.47E-04	5.53E-04	5.58E-04	2.34E-05	6.23E-05	1.74E-03	Residence	0.00E+00	0.00E+00	5.93E-07	7.01E-08	0.66	0.00	5.47E-04	5.53E-04	5.58E-04	3.80E-05	5.73E-05	1.75E-03
606972	4121420	5.36E-04	5.41E-04	5.45E-04	2.27E-05	6.01E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.80E-07	6.85E-08	0.65	0.00	5.36E-04	5.41E-04	5.45E-04	3.69E-05	5.53E-05	1.71E-03
606992	4121420	5.25E-04	5.30E-04	5.34E-04	2.20E-05	5.81E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.67E-07	6.71E-08	0.63	0.00	5.25E-04	5.30E-04	5.34E-04	3.57E-05	5.34E-05	1.68E-03
607012	4121420	5.15E-04	5.20E-04	5.23E-04	2.13E-05	5.61E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.56E-07	6.57E-08	0.62	0.00	5.15E-04	5.20E-04	5.23E-04	3.46E-05	5.16E-05	1.64E-03
607032	4121420	5.08E-04	5.12E-04	5.15E-04	2.06E-05	5.42E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.47E-07	6.47E-08	0.61	0.00	5.08E-04	5.12E-04	5.15E-04	3.35E-05	4.98E-05	1.62E-03
607052	4121420	4.96E-04	5.00E-04	5.02E-04	1.99E-05	5.22E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.34E-07	6.31E-08	0.60	0.00	4.96E-04	5.00E-04	5.02E-04	3.24E-05	4.81E-05	1.58E-03
605632	4121440	5.56E-05	5.61E-05	5.66E-05	2.04E-06	2.04E-05	1.91E-04	Residence	0.00E+00	0.00E+00	6.49E-08	7.67E-09	0.07	0.00	5.56E-05	5.61E-05	5.66E-05	3.32E-06	1.88E-05	1.90E-04
605652	4121440	5.61E-05	5.67E-05	5.71E-05	2.07E-06	2.11E-05	1.93E-04	Residence	0.00E+00	0.00E+00	6.57E-08	7.76E-09	0.07	0.00	5.61E-05	5.67E-05	5.71E-05	3.36E-06	1.95E-05	1.93E-04
605672	4121440	5.58E-05	5.63E-05	5.68E-05	2.10E-06	2.18E-05	1.93E-04	Residence	0.00E+00	0.00E+00	6.56E-08	7.75E-09	0.07	0.00	5.58E-05	5.63E-05	5.68E-05	3.41E-06	2.01E-05	1.92E-04
605692	4121440	5.70E-05	5.76E-05	5.80E-05	2.13E-06	2.26E-05	1.97E-04	Residence	0.00E+00	0.00E+00	6.71E-08	7.94E-09	0.08	0.00	5.70E-05	5.76E-05	5.80E-05	3.46E-06	2.08E-05	1.97E-04
605712	4121440	5.79E-05	5.84E-05	5.89E-05	2.17E-06	2.34E-05	2.01E-04	Residence	0.00E+00	0.00E+00	6.83E-08	8.07E-09	0.08	0.00	5.79E-05	5.84E-05	5.89E-05	3.52E-06	2.16E-05	2.00E-04
605732	4121440	5.85E-05	5.90E-05	5.95E-05	2.21E-06	2.43E-05	2.03E-04	Residence	0.00E+00	0.00E+00	6.92E-08	8.18E-09	0.08	0.00	5.85E-05	5.90E-05	5.95E-05	3.59E-06	2.23E-05	2.03E-04
605752	4121440	5.90E-05	5.95E-05	6.01E-05	2.26E-06	2.52E-05	2.06E-04	Residence	0.00E+00	0.00E+00	7.00E-08	8.28E-09	0.08	0.00	5.90E-05	5.95E-05	6.01E-05	3.67E-06	2.31E-05	2.05E-04
605772	4121440	5.96E-05	6.01E-05	6.06E-05	2.32E-06	2.61E-05	2.09E-04	Residence	0.00E+00	0.00E+00	7.10E-08	8.39E-09	0.08	0.00	5.96E-05	6.01E-05	6.06E-05	3.76E-06	2.40E-05	2.08E-04
605792	4121440	6.02E-05	6.07E-05	6.12E-05	2.38E-06	2.70E-05	2.12E-04	Residence	0.00E+00	0.00E+00	7.19E-08	8.50E-09	0.08	0.00	6.02E-05	6.07E-05	6.12E-05	3.87E-06	2.48E-05	2.11E-04
605812	4121440	6.08E-05	6.14E-05	6.19E-05	2.45E-06	2.80E-05	2.14E-04	Residence	0.00E+00	0.00E+00	7.29E-08	8.62E-09	0.08	0.00	6.08E-05	6.14E-05	6.19E-05	3.99E-06	2.58E-05	2.14E-04
605832	4121440	6.15E-05	6.20E-05	6.26E-05	2.54E-06	2.90E-05	2.18E-04	Residence	0.00E+00	0.00E+00	7.40E-08	8.75E-09	0.08	0.00	6.15E-05	6.20E-05	6.26E-05	4.13E-06	2.67E-05	2.17E-04
605852	4121440	6.22E-05	6.27E-05	6.33E-05	2.64E-06	3.01E-05	2.21E-04	Residence	0.00E+00	0.00E+00	7.51E-08	8.88E-09	0.08	0.00	6.22E-05	6.27E-05	6.33E-05	4.29E-06	2.77E-05	2.20E-04
605872	4121440	6.28E-05	6.34E-05	6.40E-05	2.76E-06	3.12E-05	2.24E-04	Residence	0.00E+00	0.00E+00	7.62E-08	9.01E-09	0.09	0.00	6.28E-05	6.34E-05	6.40E-05	4.48E-06	2.87E-05	2.23E-04
605892	4121440	6.32E-05	6.38E-05	6.45E-05	2.89E-06	3.23E-05	2.27E-04	Residence	0.00E+00	0.00E+00	7.71E-08	9.11E-09	0.09	0.00	6.32E-05	6.38E-05	6.45E-05	4.70E-06	2.97E-05	2.26E-04
605912	4121440	6.39E-05	6.45E-05	6.51E-05	3.04E-06	3.35E-05	2.30E-04	Residence	0.00E+00	0.00E+00	7.82E-08	9.25E-09	0.09	0.00	6.39E-05	6.45E-05	6.51E-05	4.94E-06	3.08E-05	2.29E-04
605932	4121440	6.47E-05	6.52E-05	6.59E-05	3.20E-06	3.47E-05	2.34E-04	Residence	0.00E+00	0.00E+00	7.95E-08	9.39E-09	0.09	0.00	6.47E-05	6.52E-05	6.59E-05	5.21E-06	3.19E-05	2.33E-04
605952	4121440	6.57E-05	6.62E-05	6.69E-05	3.39E-06	3.59E-05	2.38E-04	Residence	0.00E+00	0.00E+00	8.10E-08	9.57E-09	0.09	0.00	6.57E-05	6.62E-05	6.69E-05	5.51E-06	3.31E-05	2.37E-04
605972	4121440	6.68E-05	6.74E-05	6.80E-05	3.59E-06	3.72E-05	2.43E-04	Residence	0.00E+00	0.00E+00	8.26E-08	9.77E-09	0.09	0.00	6.68E-05	6.74E-05	6.80E-05	5.83E-06	3.42E-05	2.42E-04
605992	4121440	6.78E-05	6.83E-05	6.89E-05	3.81E-06	3.85E-05	2.47E-04	Residence	0.00E+00	0.00E+00	8.41E-08	9.94E-09	0.09	0.00	6.78E-05	6.83E-05	6.89E-05	6.19E-06	3.54E-05	2.47E-04
606012	4121440	6.89E-05	6.94E-05	7.00E-05	4.05E-06	3.98E-05	2.52E-04	Residence	0.00E+00	0.00E+00	8.58E-08	1.01E-08	0.10	0.00	6.89E-05	6.94E-05	7.00E-05	6.58E-06	3.67E-05	2.52E-04
606032	4121440	7.05E-05	7.09E-05	7.16E-05	4.31E-06	4.12E-05	2.58E-04	Residence	0.00E+00	0.00E+00	8.79E-08	1.04E-08	0.10	0.00	7.05E-05	7.09E-05	7.16E-05	7.00E-06	3.79E-05	2.58E-04
606052	4121440	7.21E-05	7.25E-05	7.32E-05	4.60E-06	4.26E-05	2.65E-04	Residence	0.00E+00	0.00E+00	9.01E-08	1.07E-08	0.10	0.00	7.21E-05	7.25E-05	7.32E-05	7.48E-06	3.92E-05	2.64E-04
606072	4121440	7.37E-05	7.42E-05	7.49E-05	4.94E-06	4.40E-05	2.72E-04	Residence	0.00E+00	0.00E+00	9.24E-08	1.09E-08	0.10	0.00	7.37E-05	7.42E-05	7.49E-05	8.02E-06	4.05E-05	2.71E-04
606092	4121440	7.68E-05	7.73E-05	7.80E-05	5.33E-06	4.55E-05	2.83E-04	Residence	0.00E+00	0.00E+00	9.62E-08	1.14E-08	0.11	0.00	7.68E-05	7.73E-05	7.80E-05	8.66E-06	4.19E-05	2.83E-04
606112	4121440	8.02E-05	8.07E-05	8.14E-05	5.80E-06	4.71E-05	2.95E-04	Residence	0.00E+00	0.00E+00	1.00E-07	1.19E-08	0.11	0.00	8.02E-05	8.07E-05	8.14E-05	9.42E-06	4.33E-05	2.95E-04
606132	4121440	8.16E-05	8.21E-05	8.28E-05	6.35E-06	4.87E-05	3.02E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.21E-08	0.11	0.00	8.16E-05	8.21E-05	8.28E-05	1.03E-05	4.48E-05	3.02E-04
606152	4121440	8.39E-05	8.44E-05	8.52E-05	7.01E-06	5.05E-05	3.11E-04	Residence	0.00E+00	0.00E+00	1.06E-07	1.25E-08	0.12	0.00	8.39E-05	8.44E-05	8.52E-05	1.14E-05	4.64E-05	3.11E-04
606172	4121440	8.73E-05	8.78E-05	8.85E-05	7.77E-06	5.23E-05	3.24E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.73E-05	8.78E-05	8.85E-05	1.26E-05	4.81E-05	3.24E-04
606192	4121440	9.12E-05	9.17E-05	9.24E-05	8.63E-06	5.43E-05	3.38E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	9.12E-05	9.17E-05	9.24E-05	1.40E-05	4.99E-05	3.39E-04
606212	4121440	9.56E-05	9.61E-05	9.69E-05	9.60E-06	5.64E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.13	0.00	9.56E-05	9.61E-05	9.69E-05	1.56E-05	5.19E-05	3.56E-04
606232	4121440	1.01E-04	1.02E-04	1.03E-04	1.06E-05	5.86E-05	3.75E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.01E-04	1.02E-04	1.03E-04	1.73E-05	5.39E-05	3.77E-04
606252	4121440	1.08E-04	1.08E-04	1.09E-04	1.18E-05	6.10E-05	3.98E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.08E-04	1.08E-04	1.09E-04	1.92E-05	5.61E-05	4.00E-04
606272	4121440	1.15E-04	1.16E-04	1.17E-04	1.30E-05	6.35E-05	4.24E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.15E-04	1.16E-04	1.17E-04	2.11E-05	5.84E-05	4.27E-04
606292	4121440	1.24E-04	1.25E-04	1.26E-04	1.43E-05	6.62E-05	4.55E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.83E-08	0.17	0.00	1.24E-04	1.25E-04	1.26E-04	2.33E-05	6.09E-05	4.59E-04
606312	4121440	1.34E-04	1.35E-04	1.37E-04	1.58E-05	6.91E-05	4.92E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.98E-08	0.19	0.00	1.34E-04	1.35E-04	1.37E-04	2.56E-05	6.35E-05	4.96E-04
606332	4121440	1.46E-04	1.47E-04	1.49E-04	1.73E-05	7.22E-05	5.32E-04	Residence	0.00E+00	0.00E+00	1.81E-07	2.14E-08	0.20	0.00	1.46E-04	1.47E-04	1.49E-04	2.82E-05	6.64E-05	5.37E-04
606352	4121440	1.59E-04	1.61E-04	1.63E-04	1.90E-05	7.55E-05	5.77E-04	Residence	0.00E+00	0.00E+00	1.96E-07	2.32E-08	0.22	0.00	1.59E-04	1.61E-04	1.63E-04	3.09E-05	6.95E-05	5.83E-04
606372	4121440	1.74E-04	1.76E-04	1.79E-04	2.09E-05	7.90E-05	6.29E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.74E-04	1.76E-04	1.79E-04	3.39E-05	7.27E-05	6.35E-04
606392	4121440	1.91E-04	1.93E-04	1.97E-04	2.28E-05	8.27E-05	6.87E-04	Residence	0.00E+00	0.00E+00	2.34E-07	2.76E-08	0.26	0.00	1.91E-04	1.93E-04	1.97E-04	3.71E-05	7.61E-05	6.95E-04
606412	4121440	2.10E-04	2.13E-04	2.18E-04	2.49E-05	8.64E-05	7.53E-04	Residence	0.00E+00	0.00E+00	2.56E-07	3.03E-08	0.29	0.00	2.10E-04	2.13E-04	2.18E-04	4.04E-05	7.95E-05	7.61E-04
606432	4121440	2.32E-04	2.36E-04	2.42E-04	2.69E-05	9.00E-05	8.27E-04	Residence	0.00E+00	0.00E+00	2.81E-07	3.32E-08	0.31	0.00	2.32E-04	2.36E-04	2.42E-04	4.37E-05	8.28E-05	8.36E-04
606452	4121440	2.60E-04	2.65E-04	2.71E-04	2.89E-05	9.34E-05	9.18E-04	Residence	0.00E+00	0.00E+00	3.12E-07	3.69E-08	0.35	0.00	2.60E-04	2.65E-04	2.71E-04	4.70E-05	8.59E-05	9.29E-04
606472	4121440	2.86E-04	2.91E-04	2.99E-04	3.07E-05	9.64E-05	1.00E-03	Residence	0.00E+00	0.00E+00	3.41E-07	4.03E-08	0.38	0.00	2.86E-04	2.91E-04	2.99E-04	4.99E-05	8.86E-05	1.01E-03
606492	4121440	3.13E-04	3.20E-04	3.29E-04	3.23E-05	9.88E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.72E-07	4.39E-08	0.42	0.00	3.13E-04	3.20E-04	3.29E-04	5.25E-05	9.09E-05	1.11E-03
606512	4121440	3.46E-04	3.54E-04	3.64E-04	3.36E-05	1.01E-04	1.20E-03	Residence	0.00E+00	0.00E+00	4.08E-07	4.82E-08	0.46	0.00	3.46E-04	3.54E-04	3.64E-04	5.46E-05	9.27E-05	1.21E-03
606532	4121440	3.79E-04	3.89E-04	3.99E-04	3.46E-05	1.02E-04	1.30E-03	Residence	0.00E+00	0.00E+00	4.43E-07	5.24E-08	0.50	0.00	3.79E-04	3.89E-04	3.99E-04	5.62E-05	9.39E-05	1.32E-03
606552	4121440	4.12E-04	4.22E-04	4.34E-04	3.53E-05	1.03E-04	1.41E-03	Residence	0.00E+00	0.00E+00	4.78E-07	5.65E-08	0.53	0.00	4.12E-04	4.22E-04	4.34E-04	5.73E-05	9.46E-05	1.42E-03

606572	4121440	4.41E-04	4.52E-04	4.64E-04	3.56E-05	1.03E-04	1.50E-03	Residence	0.00E+00	0.00E+00	5.09E-07	6.01E-08	0.57	0.00	4.41E-04	4.52E-04	4.64E-04	5.79E-05	9.47E-05	1.51E-03
606592	4121440	4.70E-04	4.82E-04	4.95E-04	3.57E-05	1.03E-04	1.59E-03	Residence	0.00E+00	0.00E+00	5.39E-07	6.37E-08	0.60	0.00	4.70E-04	4.82E-04	4.95E-04	5.80E-05	9.43E-05	1.60E-03
606612	4121440	4.98E-04	5.10E-04	5.23E-04	3.56E-05	1.02E-04	1.67E-03	Residence	0.00E+00	0.00E+00	5.68E-07	6.71E-08	0.63	0.00	4.98E-04	5.10E-04	5.23E-04	5.78E-05	9.35E-05	1.68E-03
606632	4121440	5.23E-04	5.36E-04	5.49E-04	3.53E-05	1.00E-04	1.74E-03	Residence	0.00E+00	0.00E+00	5.93E-07	7.01E-08	0.66	0.00	5.23E-04	5.36E-04	5.49E-04	5.73E-05	9.24E-05	1.76E-03
606652	4121440	5.45E-04	5.57E-04	5.70E-04	3.48E-05	9.88E-05	1.81E-03	Residence	0.00E+00	0.00E+00	6.14E-07	7.26E-08	0.69	0.00	5.45E-04	5.57E-04	5.70E-04	5.66E-05	9.09E-05	1.82E-03
606672	4121440	5.64E-04	5.76E-04	5.88E-04	3.43E-05	9.70E-05	1.86E-03	Residence	0.00E+00	0.00E+00	6.32E-07	7.47E-08	0.71	0.00	5.64E-04	5.76E-04	5.88E-04	5.58E-05	8.92E-05	1.87E-03
606692	4121440	5.78E-04	5.90E-04	6.03E-04	3.37E-05	9.50E-05	1.90E-03	Residence	0.00E+00	0.00E+00	6.46E-07	7.64E-08	0.72	0.00	5.78E-04	5.90E-04	6.03E-04	5.48E-05	8.74E-05	1.91E-03
606712	4121440	5.90E-04	6.02E-04	6.14E-04	3.31E-05	9.28E-05	1.93E-03	Residence	0.00E+00	0.00E+00	6.57E-07	7.77E-08	0.73	0.00	5.90E-04	6.02E-04	6.14E-04	5.37E-05	8.53E-05	1.95E-03
606732	4121440	5.99E-04	6.11E-04	6.22E-04	3.24E-05	9.05E-05	1.96E-03	Residence	0.00E+00	0.00E+00	6.65E-07	7.86E-08	0.74	0.00	5.99E-04	6.11E-04	6.22E-04	5.26E-05	8.32E-05	1.97E-03
606752	4121440	6.05E-04	6.16E-04	6.27E-04	3.17E-05	8.80E-05	1.97E-03	Residence	0.00E+00	0.00E+00	6.69E-07	7.91E-08	0.75	0.00	6.05E-04	6.16E-04	6.27E-04	5.15E-05	8.10E-05	1.98E-03
606772	4121440	6.09E-04	6.19E-04	6.29E-04	3.09E-05	8.56E-05	1.97E-03	Residence	0.00E+00	0.00E+00	6.71E-07	7.93E-08	0.75	0.00	6.09E-04	6.19E-04	6.29E-04	5.03E-05	7.87E-05	1.99E-03
606792	4121440	6.10E-04	6.20E-04	6.30E-04	3.02E-05	8.31E-05	1.97E-03	Residence	0.00E+00	0.00E+00	6.71E-07	7.93E-08	0.75	0.00	6.10E-04	6.20E-04	6.30E-04	4.91E-05	7.64E-05	1.99E-03
606812	4121440	6.09E-04	6.19E-04	6.27E-04	2.94E-05	8.06E-05	1.96E-03	Residence	0.00E+00	0.00E+00	6.68E-07	7.90E-08	0.75	0.00	6.09E-04	6.19E-04	6.27E-04	4.78E-05	7.41E-05	1.98E-03
606832	4121440	6.06E-04	6.15E-04	6.23E-04	2.87E-05	7.80E-05	1.95E-03	Residence	0.00E+00	0.00E+00	6.63E-07	7.84E-08	0.74	0.00	6.06E-04	6.15E-04	6.23E-04	4.66E-05	7.18E-05	1.96E-03
606852	4121440	6.01E-04	6.10E-04	6.18E-04	2.79E-05	7.55E-05	1.93E-03	Residence	0.00E+00	0.00E+00	6.57E-07	7.77E-08	0.73	0.00	6.01E-04	6.10E-04	6.18E-04	4.53E-05	6.95E-05	1.94E-03
606872	4121440	5.95E-04	6.03E-04	6.11E-04	2.71E-05	7.30E-05	1.91E-03	Residence	0.00E+00	0.00E+00	6.49E-07	7.67E-08	0.73	0.00	5.95E-04	6.03E-04	6.11E-04	4.40E-05	6.71E-05	1.92E-03
606892	4121440	5.88E-04	5.96E-04	6.02E-04	2.63E-05	7.05E-05	1.88E-03	Residence	0.00E+00	0.00E+00	6.40E-07	7.57E-08	0.72	0.00	5.88E-04	5.96E-04	6.02E-04	4.27E-05	6.49E-05	1.89E-03
606912	4121440	5.80E-04	5.87E-04	5.93E-04	2.55E-05	6.81E-05	1.85E-03	Residence	0.00E+00	0.00E+00	6.30E-07	7.45E-08	0.70	0.00	5.80E-04	5.87E-04	5.93E-04	4.15E-05	6.26E-05	1.86E-03
606932	4121440	5.71E-04	5.77E-04	5.82E-04	2.47E-05	6.57E-05	1.82E-03	Residence	0.00E+00	0.00E+00	6.19E-07	7.32E-08	0.69	0.00	5.71E-04	5.77E-04	5.82E-04	4.02E-05	6.04E-05	1.83E-03
606952	4121440	5.64E-04	5.70E-04	5.75E-04	2.40E-05	6.34E-05	1.80E-03	Residence	0.00E+00	0.00E+00	6.11E-07	7.22E-08	0.68	0.00	5.64E-04	5.70E-04	5.75E-04	3.89E-05	5.83E-05	1.81E-03
606972	4121440	5.50E-04	5.55E-04	5.60E-04	2.32E-05	6.10E-05	1.75E-03	Residence	0.00E+00	0.00E+00	5.95E-07	7.03E-08	0.67	0.00	5.50E-04	5.55E-04	5.60E-04	3.76E-05	5.62E-05	1.76E-03
606992	4121440	5.39E-04	5.44E-04	5.47E-04	2.24E-05	5.88E-05	1.71E-03	Residence	0.00E+00	0.00E+00	5.82E-07	6.88E-08	0.65	0.00	5.39E-04	5.44E-04	5.47E-04	3.64E-05	5.41E-05	1.72E-03
607012	4121440	5.28E-04	5.32E-04	5.35E-04	2.16E-05	5.67E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.69E-07	6.72E-08	0.64	0.00	5.28E-04	5.32E-04	5.35E-04	3.51E-05	5.21E-05	1.68E-03
607032	4121440	5.17E-04	5.21E-04	5.23E-04	2.09E-05	5.46E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.56E-07	6.58E-08	0.62	0.00	5.17E-04	5.21E-04	5.23E-04	3.39E-05	5.02E-05	1.65E-03
607052	4121440	5.07E-04	5.10E-04	5.12E-04	2.02E-05	5.26E-05	1.60E-03	Residence	0.00E+00	0.00E+00	5.45E-07	6.44E-08	0.61	0.00	5.07E-04	5.10E-04	5.12E-04	3.28E-05	4.84E-05	1.61E-03
605632	4121460	5.74E-05	5.79E-05	5.84E-05	2.17E-06	2.11E-05	1.97E-04	Residence	0.00E+00	0.00E+00	6.70E-08	7.92E-09	0.07	0.00	5.74E-05	5.79E-05	5.84E-05	3.52E-06	1.94E-05	1.97E-04
605652	4121460	5.76E-05	5.82E-05	5.87E-05	2.20E-06	2.18E-05	1.99E-04	Residence	0.00E+00	0.00E+00	6.75E-08	7.98E-09	0.08	0.00	5.76E-05	5.82E-05	5.87E-05	3.57E-06	2.01E-05	1.98E-04
605672	4121460	5.75E-05	5.81E-05	5.86E-05	2.23E-06	2.26E-05	1.99E-04	Residence	0.00E+00	0.00E+00	6.77E-08	8.00E-09	0.08	0.00	5.75E-05	5.81E-05	5.86E-05	3.62E-06	2.08E-05	1.99E-04
605692	4121460	5.89E-05	5.94E-05	5.99E-05	2.26E-06	2.34E-05	2.04E-04	Residence	0.00E+00	0.00E+00	6.93E-08	8.20E-09	0.08	0.00	5.89E-05	5.94E-05	5.99E-05	3.67E-06	2.16E-05	2.03E-04
605712	4121460	5.97E-05	6.03E-05	6.08E-05	2.30E-06	2.43E-05	2.07E-04	Residence	0.00E+00	0.00E+00	7.05E-08	8.34E-09	0.08	0.00	5.97E-05	6.03E-05	6.08E-05	3.73E-06	2.24E-05	2.07E-04
605732	4121460	6.01E-05	6.07E-05	6.12E-05	2.34E-06	2.52E-05	2.10E-04	Residence	0.00E+00	0.00E+00	7.13E-08	8.43E-09	0.08	0.00	6.01E-05	6.07E-05	6.12E-05	3.80E-06	2.32E-05	2.09E-04
605752	4121460	6.01E-05	6.06E-05	6.11E-05	2.39E-06	2.61E-05	2.10E-04	Residence	0.00E+00	0.00E+00	7.15E-08	8.45E-09	0.08	0.00	6.01E-05	6.06E-05	6.11E-05	3.88E-06	2.40E-05	2.10E-04
605772	4121460	6.07E-05	6.12E-05	6.17E-05	2.44E-06	2.71E-05	2.13E-04	Residence	0.00E+00	0.00E+00	7.25E-08	8.57E-09	0.08	0.00	6.07E-05	6.12E-05	6.17E-05	3.97E-06	2.49E-05	2.13E-04
605792	4121460	6.15E-05	6.20E-05	6.25E-05	2.50E-06	2.81E-05	2.17E-04	Residence	0.00E+00	0.00E+00	7.37E-08	8.71E-09	0.08	0.00	6.15E-05	6.20E-05	6.25E-05	4.07E-06	2.59E-05	2.16E-04
605812	4121460	6.22E-05	6.27E-05	6.32E-05	2.58E-06	2.92E-05	2.20E-04	Residence	0.00E+00	0.00E+00	7.48E-08	8.84E-09	0.08	0.00	6.22E-05	6.27E-05	6.32E-05	4.19E-06	2.69E-05	2.19E-04
605832	4121460	6.30E-05	6.36E-05	6.40E-05	2.67E-06	3.03E-05	2.24E-04	Residence	0.00E+00	0.00E+00	7.60E-08	8.99E-09	0.09	0.00	6.30E-05	6.36E-05	6.40E-05	4.33E-06	2.79E-05	2.23E-04
605852	4121460	6.39E-05	6.44E-05	6.49E-05	2.77E-06	3.15E-05	2.27E-04	Residence	0.00E+00	0.00E+00	7.73E-08	9.14E-09	0.09	0.00	6.39E-05	6.44E-05	6.49E-05	4.50E-06	2.90E-05	2.27E-04
605872	4121460	6.47E-05	6.52E-05	6.58E-05	2.88E-06	3.27E-05	2.31E-04	Residence	0.00E+00	0.00E+00	7.87E-08	9.30E-09	0.09	0.00	6.47E-05	6.52E-05	6.58E-05	4.69E-06	3.01E-05	2.31E-04
605892	4121460	6.55E-05	6.61E-05	6.66E-05	3.02E-06	3.40E-05	2.35E-04	Residence	0.00E+00	0.00E+00	8.00E-08	9.46E-09	0.09	0.00	6.55E-05	6.61E-05	6.66E-05	4.91E-06	3.13E-05	2.34E-04
605912	4121460	6.65E-05	6.70E-05	6.75E-05	3.17E-06	3.53E-05	2.39E-04	Residence	0.00E+00	0.00E+00	8.14E-08	9.62E-09	0.09	0.00	6.65E-05	6.70E-05	6.75E-05	5.16E-06	3.25E-05	2.39E-04
605932	4121460	6.75E-05	6.80E-05	6.85E-05	3.35E-06	3.66E-05	2.44E-04	Residence	0.00E+00	0.00E+00	8.30E-08	9.81E-09	0.09	0.00	6.75E-05	6.80E-05	6.85E-05	5.44E-06	3.37E-05	2.43E-04
605952	4121460	6.86E-05	6.91E-05	6.96E-05	3.54E-06	3.80E-05	2.49E-04	Residence	0.00E+00	0.00E+00	8.46E-08	1.00E-08	0.09	0.00	6.86E-05	6.91E-05	6.96E-05	5.76E-06	3.50E-05	2.48E-04
605972	4121460	6.96E-05	7.02E-05	7.09E-05	3.76E-06	3.94E-05	2.54E-04	Residence	0.00E+00	0.00E+00	8.63E-08	1.02E-08	0.10	0.00	6.96E-05	7.02E-05	7.09E-05	6.11E-06	3.63E-05	2.53E-04
605992	4121460	7.09E-05	7.14E-05	7.22E-05	4.00E-06	4.09E-05	2.59E-04	Residence	0.00E+00	0.00E+00	8.82E-08	1.04E-08	0.10	0.00	7.09E-05	7.14E-05	7.22E-05	6.49E-06	3.76E-05	2.59E-04
606012	4121460	7.19E-05	7.24E-05	7.31E-05	4.25E-06	4.24E-05	2.64E-04	Residence	0.00E+00	0.00E+00	8.97E-08	1.06E-08	0.10	0.00	7.19E-05	7.24E-05	7.31E-05	6.91E-06	3.90E-05	2.63E-04
606032	4121460	7.30E-05	7.36E-05	7.43E-05	4.54E-06	4.39E-05	2.69E-04	Residence	0.00E+00	0.00E+00	9.16E-08	1.08E-08	0.10	0.00	7.30E-05	7.36E-05	7.43E-05	7.37E-06	4.04E-05	2.69E-04
606052	4121460	7.46E-05	7.51E-05	7.58E-05	4.86E-06	4.54E-05	2.76E-04	Residence	0.00E+00	0.00E+00	9.38E-08	1.11E-08	0.10	0.00	7.46E-05	7.51E-05	7.58E-05	7.89E-06	4.18E-05	2.75E-04
606072	4121460	7.70E-05	7.75E-05	7.82E-05	5.22E-06	4.70E-05	2.85E-04	Residence	0.00E+00	0.00E+00	9.69E-08	1.15E-08	0.11	0.00	7.70E-05	7.75E-05	7.82E-05	8.48E-06	4.33E-05	2.84E-04
606092	4121460	7.96E-05	8.00E-05	8.06E-05	5.65E-06	4.87E-05	2.95E-04	Residence	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	7.96E-05	8.00E-05	8.06E-05	9.18E-06	4.48E-05	2.94E-04
606112	4121460	8.17E-05	8.21E-05	8.26E-05	6.16E-06	5.05E-05	3.03E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	8.17E-05	8.21E-05	8.26E-05	1.00E-05	4.64E-05	3.03E-04
606132	4121460	8.44E-05	8.47E-05	8.52E-05	6.77E-06	5.23E-05	3.13E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00	8.44E-05	8.47E-05	8.52E-05	1.10E-05	4.81E-05	3.13E-04
606152	4121460	8.72E-05	8.75E-05	8.80E-05	7.49E-06	5.43E-05	3.24E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.72E-05	8.75E-05	8.80E-05	1.22E-05	4.99E-05	3.25E-04
606172	4121460	9.03E-05	9.06E-05	9.12E-05	8.34E-06	5.64E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.35E-08	0.13	0.00	9.03E-05	9.06E-05	9.12E-05	1.36E-05	5.19E-05	3.37E-04
606192	4121460	9.41E-05	9.44E-05	9.50E-05	9.31E-06	5.86E-05	3.51E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	9.41E-05	9.44E-05	9.50E-05	1.51E-05	5.39E-05	3.52E-04
606212	4121460	9.89E-05	9.92E-05	9.99E-05	1.04E-05	6.10E-05	3.69E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.48E-08	0.14	0.00	9.89E-05	9.92E-05	9.99E-05	1.69E-05	5.61E-05	3.71E-04
606232	4121460	1.05E-04	1.05E-04	1.06E-04	1.16E-05	6.35E-05	3.90E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.05E-04	1.05E-04	1.06E-04	1.88E-05	5.84E-05	3.92E-04
606252	4121460	1.11E-04	1.12E-04	1.13E-04	1.29E-05	6.62E-05	4.14E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.67E-08	0.16	0.00	1.11E-04	1.12E-04	1.13E-04	2.09E-05	6.09E-05	4.17E-04
606272	4121460	1.19E-04	1.20E-04	1.21E-04	1.43E-05	6.91E-05	4.43E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.78E-08	0.17	0.00	1.19E-04	1.20E-04	1.21E-04	2.32E-05	6.35E-05	4.46E-04
606292	4121460	1.29E-04	1.29E-04	1.31E-04	1.58E-05	7.21E-05	4.77E-04	Residence	0.00E+00	0.00E+00	1.62E-07	1.92E-08	0.18	0.00	1.29E-04	1.29E-04	1.31E-04	2.57E-05	6.64E-05	4.81E-04
606312	4121460	1.40E-04	1.41E-04	1.42E-04	1.75E-05	7.55E-05	5.16E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.07E-08	0.20	0.00	1.40E-04	1.41E-04	1.42E-04	2.84E-05	6.94E-05	5.21E-04
606332	4121460	1.52E-04	1.53E-04	1.56E-04	1.93E-05	7.91E-05	5.59E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.52E-04	1.53E-04	1.56E-04	3.13E-05	7.27E-05	5.65E-04
606352	4121460	1.67E-04	1.68E-04	1.71E-04	2.12E-05	8.29E-05	6.10E-04	Residence	0.00E+00	0.00E+00	2.07E-07	2.45E-08	0.23	0.00	1.67E-04	1.68E-04	1.71E-04	3.45E-05	7.63E-05	6.17E-04
606372	4121460	1.83E-04	1.85E-04	1.88E-04	2.33E-05	8.69E-05	6.67E-04	Residence	0.00E+00	0.00E+00	2.27E-07	2.68E-08	0.25	0.00	1.83E-04	1.85E-04	1.88E-04	3.79E-05	8.00E-05	6.75E-04
606392	4121460	2.02E-04	2.05E-04	2.09E-04	2.56E-05	9.11E-05	7.33E-04	Residence	0.00E+00	0.00E+00	2.49E-07	2.95E-08	0.28	0.00	2.02E-04	2.05E-04	2.09E-04	4.16E-05	8.38E-05	7.42E-04
606412	4121460	2.24E-04	2.27E-04	2.32E-04	2.79E-05	9.52E-05	8.06E-04	Residence	0.00E+00	0.00E+00	2.74E-07	3.24E-08	0.31	0.00	2.24E-04	2.27E-04	2.32E-04	4.53E-05	8.76E-05	8.16E-04
606432	4121460	2.49E-04	2.53E-04	2.59E-04	3.01E-05	9.91E-05	8.90E-04	Residence	0.00E+00	0.00E+00	3.02E-07	3.58E-08	0.34	0.00	2.49E-04	2.53E-04	2.59E-04	4.90E-05	9.12E-05	9.01E-04
606452	4121460	2.78E-04	2.83E-04	2.90E-04	3.23E-05	1.03E-04	9.86E-04	Residence	0.00E+00	0.00E+00	3.35E-07	3.96E-08	0.37	0.00	2.78E-04	2.83E-04	2.90E-04	5.24E-05	9.45E-05	9.98E-04
606472	4121460	3.04E-04	3.10E-04	3.18E-04	3.41E-05	1.06E-04	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.31E-08	0.41	0.00	3.04E-04	3.10E-04	3.18E-04	5.54E-05	9.72E-05	1.08E-03
606492	4121460	3.35E-04	3.43E-04	3.52E-04	3.57E-05	1.08E-04	1.17E-03	Residence	0.00E+00	0.00E+00	3.99E-07	4.72E-08	0.45	0.00	3.35E-04	3.43E-04	3.52E-04	5.80E-05	9.93E-05	1.19E-03
606512	4121460	3.70E-04	3.79E-04	3.90E-04	3.69E-05	1.10E-04	1.29E-03	Residence	0.00E+00	0.00E+00	4.37E-07	5.17E-08	0.49	0.00	3.70E-04	3.79E-04	3.90E-04	6.00E-05	1.01E-04	1.30E-03
606532	4121460	4.07E-04	4.18E-04	4.30E-04	3.78E-05	1.11E-04	1.40E-03	Residence	0.00E+00	0.00E+00	4.77E-07	5.64E-08	0.53	0.00	4.07E-04	4.18E-04	4.30E-04	6.14E-05	1.02E-04	1.42E-03
606552	4121460	4.45E-04	4.57E-04	4.70E-04	3.83E-05	1.11E-04	1.52E-03	Residence	0.00E+00	0.00E+00	5.17E-07	6.12E-08	0.58	0.00	4.45E-04	4.57E-04	4.70E-04	6.23E-05	1.02E-04	1.54E-03
606572	4121460	4.82E-04	4.94E-04	5.08E-04	3.85E-05	1.11E-04	1.63E-03	Residence	0.00E+00	0.00E+00	5.55E-07	6.56E-08	0.62	0.00	4.82E-04	4.94E-04	5.08E-04	6.26E-05	1.02E-04	1.65E-03
606592	4121460	5.14E-04	5.27E-04	5.42E-04	3.84E-05	1.10E-04	1.73E-03	Residence	0.00E+00	0.00E+00	5.89E-07	6.96E-08	0.66	0.00	5.14E-04	5.27E-04	5.42E-04	6.25E-05	1.01E-04	1.75E-03
606612	4121460	5.43E-04	5.56E-04	5.71E-04	3.81E-05	1.09E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.18E-07	7.30E-08	0.69	0.00	5.43E-04	5.56E-04	5.71E-04	6.20E-05	1.00E-04	1.83E-03
606632	4121460	5.67E-04	5.81E-04	5.95E-04	3.77E-05	1.07E-04	1.89E-03	Residence	0.00E+00	0.00E+00	6.42E-07	7.59E-08	0.72	0.00	5.67E-04	5.81E-04	5.95E-04	6.12E-05	9.84E-05	1.90E-03
606652	4121460	5.89E-04	6.02E-04	6.16E-04	3.71E-05	1.05E-04	1.95E-03	Residence	0.00E+00	0.00E+00	6.63E-07	7.83E-08	0.74	0.00	5.89E-04	6.02E-04	6.16E-04	6.03E-05	9.65E-05	1.96E-03
606672	4121460	6.06E-04	6.19E-04	6.33E-04	3.64E-05	1.03E-04	2.00E-03	Residence	0.00E+00	0.00E+00	6.79E-07	8.03E-08	0.76	0.00	6.06E-04	6.19E-04	6.33E-04	5.92E-05	9.43E-05	2.01E-03
606692	4121460	6.20E-04	6.33E-04	6.46E-04	3.57E-05	1.00E-04	2.03E-03	Residence	0.00E+00	0.00E+00	6.92E-07	8.18E-08	0.77	0.00	6.20E-04	6.33E-04	6.46E-04	5.80E-05	9.20E-05	2.05E-03
606712	4121460	6.31E-04	6.43E-04	6.56E-04	3.49E-05	9.74E-05	2.06E-03	Residence	0.00E+00	0.00E+00	7.01E-07	8.29E-08	0.78	0.00	6.31E-04	6.43E-04	6.56E-04	5.67E-05	8.96E-05	2.08E-03
606732	4121460	6.38E-04	6.51E-04	6.63E-04	3.41E-05	9.47E-05	2.08E-03	Residence	0.00E+00	0.00E+00	7.07E-07	8.36E-08	0.79	0.00	6.38E-04	6.51E-04	6.63E-04	5.54E-05	8.71E-05	2.09E-03
606752	4121460	6.43E-04	6.55E-04	6.66E-04	3.33E-05	9.19E-05	2.09E-03	Residence	0.00E+00	0.00E+00	7.11E-07	8.40E-08	0.79	0.00	6.43E-04	6.55E-04	6.66E-04	5.40E-05	8.45E-05	2.10E-03
606772	4121460	6.45E-04	6.57E-04	6.67E-04	3.24E-05	8.90E-05	2.09E-03	Residence	0.00E+00	0.00E+00	7.11E-07	8.40E-08	0.79	0.00	6.45E-04	6.57E-04	6.67E-04	5.27E-05	8.19E-05	2.10E-03

606792	4121460	6.45E-04	6.56E-04	6.65E-04	3.16E-05	8.62E-05	2.08E-03	Residence	0.00E+00	0.00E+00	7.08E-07	8.37E-08	0.79	0.00	6.45E-04	6.56E-04	6.65E-04	5.13E-05	7.93E-05	2.10E-03
606992	4121460	5.52E-04	5.56E-04	5.59E-04	2.27E-05	5.94E-05	1.75E-03	Residence	0.00E+00	0.00E+00	5.95E-07	7.03E-08	0.66	0.00	5.52E-04	5.56E-04	5.59E-04	3.69E-05	5.46E-05	1.76E-03
607012	4121460	5.39E-04	5.43E-04	5.45E-04	2.19E-05	5.71E-05	1.71E-03	Residence	0.00E+00	0.00E+00	5.80E-07	6.86E-08	0.65	0.00	5.39E-04	5.43E-04	5.45E-04	3.55E-05	5.25E-05	1.72E-03
607032	4121460	5.26E-04	5.29E-04	5.31E-04	2.11E-05	5.49E-05	1.66E-03	Residence	0.00E+00	0.00E+00	5.65E-07	6.68E-08	0.63	0.00	5.26E-04	5.29E-04	5.31E-04	3.42E-05	5.05E-05	1.67E-03
607052	4121460	5.15E-04	5.18E-04	5.19E-04	2.03E-05	5.28E-05	1.63E-03	Residence	0.00E+00	0.00E+00	5.53E-07	6.53E-08	0.62	0.00	5.15E-04	5.18E-04	5.19E-04	3.30E-05	4.86E-05	1.63E-03
605632	4121480	5.94E-05	6.00E-05	6.06E-05	2.31E-06	2.18E-05	2.04E-04	Residence	0.00E+00	0.00E+00	6.94E-08	8.20E-09	0.08	0.00	5.94E-05	6.00E-05	6.06E-05	3.76E-06	2.00E-05	2.04E-04
605652	4121480	5.91E-05	5.97E-05	6.03E-05	2.34E-06	2.25E-05	2.04E-04	Residence	0.00E+00	0.00E+00	6.94E-08	8.20E-09	0.08	0.00	5.91E-05	5.97E-05	6.03E-05	3.80E-06	2.07E-05	2.04E-04
605672	4121480	5.97E-05	6.03E-05	6.08E-05	2.37E-06	2.34E-05	2.06E-04	Residence	0.00E+00	0.00E+00	7.02E-08	8.30E-09	0.08	0.00	5.97E-05	6.03E-05	6.08E-05	3.85E-06	2.15E-05	2.06E-04
605692	4121480	6.08E-05	6.14E-05	6.20E-05	2.40E-06	2.43E-05	2.11E-04	Residence	0.00E+00	0.00E+00	7.17E-08	8.48E-09	0.08	0.00	6.08E-05	6.14E-05	6.20E-05	3.91E-06	2.23E-05	2.10E-04
605712	4121480	6.16E-05	6.22E-05	6.28E-05	2.44E-06	2.52E-05	2.14E-04	Residence	0.00E+00	0.00E+00	7.28E-08	8.61E-09	0.08	0.00	6.16E-05	6.22E-05	6.28E-05	3.97E-06	2.32E-05	2.14E-04
605732	4121480	6.17E-05	6.23E-05	6.29E-05	2.48E-06	2.62E-05	2.16E-04	Residence	0.00E+00	0.00E+00	7.33E-08	8.66E-09	0.08	0.00	6.17E-05	6.23E-05	6.29E-05	4.04E-06	2.41E-05	2.15E-04
605752	4121480	6.17E-05	6.23E-05	6.28E-05	2.53E-06	2.72E-05	2.17E-04	Residence	0.00E+00	0.00E+00	7.36E-08	8.70E-09	0.08	0.00	6.17E-05	6.23E-05	6.28E-05	4.11E-06	2.50E-05	2.16E-04
605772	4121480	6.27E-05	6.33E-05	6.38E-05	2.59E-06	2.82E-05	2.21E-04	Residence	0.00E+00	0.00E+00	7.50E-08	8.87E-09	0.08	0.00	6.27E-05	6.33E-05	6.38E-05	4.20E-06	2.60E-05	2.20E-04
605792	4121480	6.34E-05	6.40E-05	6.45E-05	2.65E-06	2.93E-05	2.24E-04	Residence	0.00E+00	0.00E+00	7.61E-08	9.00E-09	0.09	0.00	6.34E-05	6.40E-05	6.45E-05	4.30E-06	2.70E-05	2.23E-04
605812	4121480	6.40E-05	6.46E-05	6.52E-05	2.72E-06	3.05E-05	2.27E-04	Residence	0.00E+00	0.00E+00	7.72E-08	9.13E-09	0.09	0.00	6.40E-05	6.46E-05	6.52E-05	4.42E-06	2.81E-05	2.26E-04
605832	4121480	6.47E-05	6.53E-05	6.58E-05	2.81E-06	3.17E-05	2.30E-04	Residence	0.00E+00	0.00E+00	7.83E-08	9.25E-09	0.09	0.00	6.47E-05	6.53E-05	6.58E-05	4.56E-06	2.92E-05	2.29E-04
605852	4121480	6.54E-05	6.60E-05	6.65E-05	2.91E-06	3.30E-05	2.34E-04	Residence	0.00E+00	0.00E+00	7.95E-08	9.40E-09	0.09	0.00	6.54E-05	6.60E-05	6.65E-05	4.73E-06	3.04E-05	2.33E-04
605872	4121480	6.63E-05	6.68E-05	6.74E-05	3.03E-06	3.44E-05	2.38E-04	Residence	0.00E+00	0.00E+00	8.09E-08	9.56E-09	0.09	0.00	6.63E-05	6.68E-05	6.74E-05	4.92E-06	3.16E-05	2.37E-04
605892	4121480	6.72E-05	6.77E-05	6.82E-05	3.16E-06	3.57E-05	2.42E-04	Residence	0.00E+00	0.00E+00	8.23E-08	9.73E-09	0.09	0.00	6.72E-05	6.77E-05	6.82E-05	5.14E-06	3.29E-05	2.41E-04
605912	4121480	6.82E-05	6.87E-05	6.92E-05	3.32E-06	3.72E-05	2.47E-04	Residence	0.00E+00	0.00E+00	8.38E-08	9.91E-09	0.09	0.00	6.82E-05	6.87E-05	6.92E-05	5.40E-06	3.42E-05	2.46E-04
605932	4121480	6.92E-05	6.97E-05	7.03E-05	3.51E-06	3.87E-05	2.51E-04	Residence	0.00E+00	0.00E+00	8.55E-08	1.01E-08	0.10	0.00	6.92E-05	6.97E-05	7.03E-05	5.70E-06	3.56E-05	2.50E-04
605952	4121480	7.03E-05	7.08E-05	7.14E-05	3.71E-06	4.02E-05	2.56E-04	Residence	0.00E+00	0.00E+00	8.72E-08	1.03E-08	0.10	0.00	7.03E-05	7.08E-05	7.14E-05	6.03E-06	3.70E-05	2.55E-04
605972	4121480	7.15E-05	7.20E-05	7.26E-05	3.94E-06	4.18E-05	2.62E-04	Residence	0.00E+00	0.00E+00	8.90E-08	1.05E-08	0.10	0.00	7.15E-05	7.20E-05	7.26E-05	6.41E-06	3.85E-05	2.61E-04
605992	4121480	7.28E-05	7.33E-05	7.39E-05	4.20E-06	4.34E-05	2.68E-04	Residence	0.00E+00	0.00E+00	9.10E-08	1.08E-08	0.10	0.00	7.28E-05	7.33E-05	7.39E-05	6.82E-06	4.00E-05	2.67E-04
606012	4121480	7.43E-05	7.48E-05	7.53E-05	4.48E-06	4.51E-05	2.74E-04	Residence	0.00E+00	0.00E+00	9.32E-08	1.10E-08	0.10	0.00	7.43E-05	7.48E-05	7.53E-05	7.28E-06	4.15E-05	2.73E-04
606032	4121480	7.59E-05	7.64E-05	7.69E-05	4.79E-06	4.68E-05	2.81E-04	Residence	0.00E+00	0.00E+00	9.55E-08	1.13E-08	0.11	0.00	7.59E-05	7.64E-05	7.69E-05	7.78E-06	4.31E-05	2.80E-04
606052	4121480	7.72E-05	7.77E-05	7.83E-05	5.13E-06	4.86E-05	2.87E-04	Residence	0.00E+00	0.00E+00	9.75E-08	1.15E-08	0.11	0.00	7.72E-05	7.77E-05	7.83E-05	8.34E-06	4.47E-05	2.86E-04
606072	4121480	7.82E-05	7.86E-05	7.91E-05	5.53E-06	5.04E-05	2.92E-04	Residence	0.00E+00	0.00E+00	9.92E-08	1.17E-08	0.11	0.00	7.82E-05	7.86E-05	7.91E-05	8.98E-06	4.63E-05	2.91E-04
606092	4121480	8.02E-05	8.06E-05	8.11E-05	5.99E-06	5.22E-05	3.00E-04	Residence	0.00E+00	0.00E+00	1.02E-07	1.21E-08	0.11	0.00	8.02E-05	8.06E-05	8.11E-05	9.74E-06	4.81E-05	3.00E-04
606112	4121480	8.26E-05	8.29E-05	8.34E-05	6.55E-06	5.42E-05	3.10E-04	Residence	0.00E+00	0.00E+00	1.05E-07	1.25E-08	0.12	0.00	8.26E-05	8.29E-05	8.34E-05	1.06E-05	4.99E-05	3.10E-04
606132	4121480	8.47E-05	8.50E-05	8.55E-05	7.22E-06	5.63E-05	3.19E-04	Residence	0.00E+00	0.00E+00	1.08E-07	1.28E-08	0.12	0.00	8.47E-05	8.50E-05	8.55E-05	1.17E-05	5.18E-05	3.19E-04
606152	4121480	8.76E-05	8.79E-05	8.84E-05	8.02E-06	5.85E-05	3.30E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.33E-08	0.13	0.00	8.76E-05	8.79E-05	8.84E-05	1.30E-05	5.38E-05	3.31E-04
606172	4121480	9.09E-05	9.12E-05	9.18E-05	8.97E-06	6.09E-05	3.44E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	9.09E-05	9.12E-05	9.18E-05	1.46E-05	5.60E-05	3.44E-04
606192	4121480	9.49E-05	9.51E-05	9.58E-05	1.01E-05	6.34E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	9.49E-05	9.51E-05	9.58E-05	1.63E-05	5.83E-05	3.60E-04
606212	4121480	1.00E-04	1.00E-04	1.01E-04	1.13E-05	6.61E-05	3.79E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.52E-08	0.14	0.00	1.00E-04	1.00E-04	1.01E-04	1.83E-05	6.08E-05	3.80E-04
606232	4121480	1.06E-04	1.06E-04	1.07E-04	1.26E-05	6.90E-05	4.00E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.06E-04	1.06E-04	1.07E-04	2.06E-05	6.35E-05	4.03E-04
606252	4121480	1.13E-04	1.13E-04	1.14E-04	1.41E-05	7.21E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.13E-04	1.13E-04	1.14E-04	2.30E-05	6.63E-05	4.30E-04
606272	4121480	1.21E-04	1.22E-04	1.23E-04	1.57E-05	7.54E-05	4.57E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.84E-08	0.17	0.00	1.21E-04	1.22E-04	1.23E-04	2.56E-05	6.94E-05	4.61E-04
606292	4121480	1.32E-04	1.32E-04	1.34E-04	1.75E-05	7.90E-05	4.94E-04	Residence	0.00E+00	0.00E+00	1.68E-07	1.99E-08	0.19	0.00	1.32E-04	1.32E-04	1.34E-04	2.84E-05	7.27E-05	4.99E-04
606312	4121480	1.44E-04	1.45E-04	1.46E-04	1.94E-05	8.28E-05	5.37E-04	Residence	0.00E+00	0.00E+00	1.82E-07	2.16E-08	0.20	0.00	1.44E-04	1.45E-04	1.46E-04	3.15E-05	7.62E-05	5.42E-04
606332	4121480	1.57E-04	1.59E-04	1.61E-04	2.15E-05	8.70E-05	5.86E-04	Residence	0.00E+00	0.00E+00	1.99E-07	2.35E-08	0.22	0.00	1.57E-04	1.59E-04	1.61E-04	3.50E-05	8.01E-05	5.92E-04
606352	4121480	1.73E-04	1.75E-04	1.78E-04	2.38E-05	9.15E-05	6.42E-04	Residence	0.00E+00	0.00E+00	2.18E-07	2.58E-08	0.24	0.00	1.73E-04	1.75E-04	1.78E-04	3.87E-05	8.42E-05	6.50E-04
606372	4121480	1.91E-04	1.94E-04	1.97E-04	2.62E-05	9.61E-05	7.05E-04	Residence	0.00E+00	0.00E+00	2.40E-07	2.83E-08	0.27	0.00	1.91E-04	1.94E-04	1.97E-04	4.26E-05	8.84E-05	7.13E-04
606392	4121480	2.13E-04	2.16E-04	2.20E-04	2.88E-05	1.01E-04	7.78E-04	Residence	0.00E+00	0.00E+00	2.64E-07	3.13E-08	0.30	0.00	2.13E-04	2.16E-04	2.20E-04	4.68E-05	9.27E-05	7.88E-04
606412	4121480	2.38E-04	2.42E-04	2.47E-04	3.14E-05	1.05E-04	8.64E-04	Residence	0.00E+00	0.00E+00	2.94E-07	3.47E-08	0.33	0.00	2.38E-04	2.42E-04	2.47E-04	5.10E-05	9.69E-05	8.75E-04
606432	4121480	2.67E-04	2.72E-04	2.78E-04	3.39E-05	1.10E-04	9.60E-04	Residence	0.00E+00	0.00E+00	3.26E-07	3.86E-08	0.36	0.00	2.67E-04	2.72E-04	2.78E-04	5.50E-05	1.01E-04	9.72E-04
606452	4121480	2.96E-04	3.02E-04	3.10E-04	3.61E-05	1.13E-04	1.06E-03	Residence	0.00E+00	0.00E+00	3.60E-07	4.25E-08	0.40	0.00	2.96E-04	3.02E-04	3.10E-04	5.87E-05	1.04E-04	1.07E-03
606472	4121480	3.28E-04	3.35E-04	3.45E-04	3.80E-05	1.16E-04	1.16E-03	Residence	0.00E+00	0.00E+00	3.95E-07	4.67E-08	0.44	0.00	3.28E-04	3.35E-04	3.45E-04	6.17E-05	1.07E-04	1.18E-03
606492	4121480	3.62E-04	3.71E-04	3.82E-04	3.95E-05	1.18E-04	1.27E-03	Residence	0.00E+00	0.00E+00	4.33E-07	5.12E-08	0.48	0.00	3.62E-04	3.71E-04	3.82E-04	6.42E-05	1.09E-04	1.29E-03
606512	4121480	4.00E-04	4.10E-04	4.22E-04	4.06E-05	1.20E-04	1.39E-03	Residence	0.00E+00	0.00E+00	4.73E-07	5.59E-08	0.53	0.00	4.00E-04	4.10E-04	4.22E-04	6.59E-05	1.10E-04	1.41E-03
606532	4121480	4.39E-04	4.51E-04	4.64E-04	4.13E-05	1.20E-04	1.52E-03	Residence	0.00E+00	0.00E+00	5.15E-07	6.09E-08	0.58	0.00	4.39E-04	4.51E-04	4.64E-04	6.71E-05	1.11E-04	1.53E-03
606552	4121480	4.79E-04	4.92E-04	5.07E-04	4.16E-05	1.20E-04	1.64E-03	Residence	0.00E+00	0.00E+00	5.58E-07	6.59E-08	0.62	0.00	4.79E-04	4.92E-04	5.07E-04	6.76E-05	1.10E-04	1.66E-03
606572	4121480	5.17E-04	5.31E-04	5.46E-04	4.16E-05	1.19E-04	1.75E-03	Residence	0.00E+00	0.00E+00	5.97E-07	7.05E-08	0.67	0.00	5.17E-04	5.31E-04	5.46E-04	6.76E-05	1.10E-04	1.77E-03
606592	4121480	5.51E-04	5.66E-04	5.81E-04	4.13E-05	1.18E-04	1.86E-03	Residence	0.00E+00	0.00E+00	6.32E-07	7.47E-08	0.71	0.00	5.51E-04	5.66E-04	5.81E-04	6.71E-05	1.08E-04	1.87E-03
606612	4121480	5.83E-04	5.98E-04	6.14E-04	4.08E-05	1.16E-04	1.95E-03	Residence	0.00E+00	0.00E+00	6.64E-07	7.84E-08	0.74	0.00	5.83E-04	5.98E-04	6.14E-04	6.63E-05	1.07E-04	1.97E-03
606632	4121480	6.11E-04	6.26E-04	6.41E-04	4.02E-05	1.14E-04	2.03E-03	Residence	0.00E+00	0.00E+00	6.91E-07	8.17E-08	0.77	0.00	6.11E-04	6.26E-04	6.41E-04	6.53E-05	1.05E-04	2.05E-03
606652	4121480	6.34E-04	6.48E-04	6.64E-04	3.94E-05	1.11E-04	2.10E-03	Residence	0.00E+00	0.00E+00	7.13E-07	8.42E-08	0.80	0.00	6.34E-04	6.48E-04	6.64E-04	6.41E-05	1.02E-04	2.11E-03
606672	4121480	6.51E-04	6.66E-04	6.81E-04	3.86E-05	1.08E-04	2.14E-03	Residence	0.00E+00	0.00E+00	7.29E-07	8.62E-08	0.82	0.00	6.51E-04	6.66E-04	6.81E-04	6.27E-05	9.96E-05	2.16E-03
606692	4121480	6.65E-04	6.79E-04	6.93E-04	3.77E-05	1.05E-04	2.18E-03	Residence	0.00E+00	0.00E+00	7.41E-07	8.76E-08	0.83	0.00	6.65E-04	6.79E-04	6.93E-04	6.13E-05	9.68E-05	2.19E-03
606712	4121480	6.74E-04	6.87E-04	7.01E-04	3.68E-05	1.02E-04	2.20E-03	Residence	0.00E+00	0.00E+00	7.48E-07	8.85E-08	0.84	0.00	6.74E-04	6.87E-04	7.01E-04	5.98E-05	9.40E-05	2.22E-03
606732	4121480	6.79E-04	6.92E-04	7.04E-04	3.59E-05	9.89E-05	2.21E-03	Residence	0.00E+00	0.00E+00	7.51E-07	8.88E-08	0.84	0.00	6.79E-04	6.92E-04	7.04E-04	5.83E-05	9.10E-05	2.22E-03
606752	4121480	6.80E-04	6.93E-04	7.04E-04	3.49E-05	9.56E-05	2.21E-03	Residence	0.00E+00	0.00E+00	7.51E-07	8.87E-08	0.84	0.00	6.80E-04	6.93E-04	7.04E-04	5.67E-05	8.80E-05	2.22E-03
606772	4121480	6.79E-04	6.91E-04	7.02E-04	3.39E-05	9.24E-05	2.20E-03	Residence	0.00E+00	0.00E+00	7.48E-07	8.84E-08	0.84	0.00	6.79E-04	6.91E-04	7.02E-04	5.50E-05	8.50E-05	2.21E-03
606792	4121480	6.76E-04	6.87E-04	6.97E-04	3.29E-05	8.91E-05	2.18E-03	Residence	0.00E+00	0.00E+00	7.42E-07	8.77E-08	0.83	0.00	6.76E-04	6.87E-04	6.97E-04	5.34E-05	8.20E-05	2.20E-03
606992	4121480	5.62E-04	5.66E-04	5.68E-04	2.29E-05	5.98E-05	1.78E-03	Residence	0.00E+00	0.00E+00	6.05E-07	7.15E-08	0.68	0.00	5.62E-04	5.66E-04	5.68E-04	3.72E-05	5.50E-05	1.79E-03
607012	4121480	5.50E-04	5.53E-04	5.55E-04	2.20E-05	5.74E-05	1.74E-03	Residence	0.00E+00	0.00E+00	5.91E-07	6.98E-08	0.66	0.00	5.50E-04	5.53E-04	5.55E-04	3.58E-05	5.28E-05	1.75E-03
607032	4121480	5.36E-04	5.39E-04	5.40E-04	2.12E-05	5.51E-05	1.69E-03	Residence	0.00E+00	0.00E+00	5.75E-07	6.80E-08	0.64	0.00	5.36E-04	5.39E-04	5.40E-04	3.44E-05	5.07E-05	1.70E-03
607052	4121480	5.21E-04	5.23E-04	5.24E-04	2.03E-05	5.28E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.58E-07	6.60E-08	0.62	0.00	5.21E-04	5.23E-04	5.24E-04	3.30E-05	4.86E-05	1.65E-03
605632	4121500	6.12E-05	6.18E-05	6.24E-05	2.47E-06	2.25E-05	2.10E-04	Residence	0.00E+00	0.00E+00	7.15E-08	8.45E-09	0.08	0.00	6.12E-05	6.18E-05	6.24E-05	4.01E-06	2.07E-05	2.10E-04
605652	4121500	6.10E-05	6.16E-05	6.22E-05	2.50E-06	2.33E-05	2.10E-04	Residence	0.00E+00	0.00E+00	7.16E-08	8.46E-09	0.08	0.00	6.10E-05	6.16E-05	6.22E-05	4.06E-06	2.14E-05	2.10E-04
605672	4121500	6.21E-05	6.27E-05	6.33E-05	2.53E-06	2.42E-05	2.15E-04	Residence	0.00E+00	0.00E+00	7.30E-08	8.63E-09	0.08	0.00	6.21E-05	6.27E-05	6.33E-05	4.12E-06	2.23E-05	2.14E-04
605692	4121500	6.30E-05	6.37E-05	6.42E-05	2.57E-06	2.52E-05	2.19E-04	Residence	0.00E+00	0.00E+00	7.43E-08	8.79E-09	0.08	0.00	6.30E-05	6.37E-05	6.42E-05	4.17E-06	2.32E-05	2.18E-04
605712	4121500	6.36E-05	6.42E-05	6.48E-05	2.61E-06	2.62E-05	2.21E-04	Residence	0.00E+00	0.00E+00	7.53E-08	8.90E-09	0.08	0.00	6.36E-05	6.42E-05	6.48E-05	4.24E-06	2.41E-05	2.21E-04
605732	4121500	6.31E-05	6.38E-05	6.43E-05	2.65E-06	2.72E-05	2.21E-04	Residence	0.00E+00	0.00E+00	7.52E-08	8.88E-09	0.08	0.00	6.31E-05	6.38E-05	6.43E-05	4.30E-06	2.50E-05	2.21E-04
605752	4121500	6.43E-05	6.50E-05	6.56E-05	2.70E-06	2.83E-05	2.26E-04	Residence	0.00E+00	0.00E+00	7.68E-08	9.08E-09	0.09	0.00	6.43E-05	6.50E-05	6.56E-05	4.38E-06	2.60E-05	2.25E-04
605772	4121500	6.52E-05	6.59E-05	6.66E-05	2.75E-06	2.94E-05	2.30E-04	Residence	0.00E+00	0.00E+00	7.82E-08	9.24E-09	0.09	0.00	6.52E-05	6.59E-05	6.66E-05	4.47E-06	2.71E-05	2.29E-04
605792	4121500	6.58E-05	6.65E-05	6.71E-05	2.81E-06	3.06E-05	2.33E-04	Residence	0.00E+00	0.00E+00	7.92E-08	9.36E-09	0.09	0.00	6.58E-05	6.65E-05	6.71E-05	4.57E-06	2.82E-05	2.32E-04
605812	4121500	6.64E-05	6.71E-05	6.77E-05	2.88E-06	3.19E-05	2.36E-04	Residence	0.00E+00	0.00E+00	8.02E-08	9.48E-09	0.09	0.00	6.64E-05	6.71E-05	6.77E-05	4.69E-06	2.94E-05	2.35E-04
605832	4121500	6.70E-05	6.77E-05	6.83E-05	2.97E-06	3.32E-05	2.39E-04	Residence	0.00E+00	0.00E+00	8.13E-08	9.62E-09	0.09	0.00	6.70E-05	6.77E-05	6.83E-05	4.82E-06	3.06E-05	2.38E-04
605852	4121500	6.77E-05	6.83E-05	6.90E-05	3.07E-06	3.46E-05	2.43E-04	Residence	0.00E+00	0.00E+00	8.25E-08	9.76E-09	0.09	0.00	6.77E-05	6.83E-05	6.90E-05	4.99E-06	3.19E-05	2.42E-04
605872	4121500	6.83E-05	6.91E-05	6.97E-05	3.19E-06	3.61E-05	2.46E-04	Residence	0.00E+00	0.00E+00	8.38E-08	9.90E-09	0.09	0.00	6.83E-05	6.91E-05	6.97E-05	5.18E-06	3.32E-05	2.45E-04
605892	4121500	6.87E-05	6.94E-05	7.02E-05	3.32E-06	3.76E-05	2.49E-04	Residence	0.00E+00	0.00E+00	8.47E-08	1.00E-08	0.09	0.00	6.87E-05	6.94E-05	7.02E-05	5.40E-06	3.46E-05	2.48E-04
605912	4121500	6.95E-05	7.02E-05	7.10E-05	3.49E-06	3.92E-05	2.53E-04	Residence	0.00E+00	0.00E+00	8.61E-08	1.02E-08	0.10	0.00	6.95E-05	7.02E-05	7.10E-05	5.67E-06	3.61E-05	2.52E-04

605932	4121500	7.01E-05	7.08E-05	7.16E-05	3.68E-06	4.09E-05	2.57E-04	Residence	0.00E+00	0.00E+00	8.74E-08	1.03E-08	0.10	0.00	7.01E-05	7.08E-05	7.16E-05	5.97E-06	3.76E-05	2.56E-04
605952	4121500	7.13E-05	7.20E-05	7.28E-05	3.89E-06	4.26E-05	2.63E-04	Residence	0.00E+00	0.00E+00	8.93E-08	1.06E-08	0.10	0.00	7.13E-05	7.20E-05	7.28E-05	6.32E-06	3.92E-05	2.62E-04
605972	4121500	7.21E-05	7.27E-05	7.35E-05	4.14E-06	4.44E-05	2.67E-04	Residence	0.00E+00	0.00E+00	9.07E-08	1.07E-08	0.10	0.00	7.21E-05	7.27E-05	7.35E-05	6.72E-06	4.08E-05	2.66E-04
605992	4121500	7.34E-05	7.40E-05	7.48E-05	4.41E-06	4.62E-05	2.73E-04	Residence	0.00E+00	0.00E+00	9.28E-08	1.10E-08	0.10	0.00	7.34E-05	7.40E-05	7.48E-05	7.17E-06	4.25E-05	2.72E-04
606012	4121500	7.59E-05	7.64E-05	7.68E-05	4.72E-06	4.81E-05	2.82E-04	Residence	0.00E+00	0.00E+00	9.59E-08	1.13E-08	0.11	0.00	7.59E-05	7.64E-05	7.68E-05	7.67E-06	4.43E-05	2.81E-04
606032	4121500	7.72E-05	7.76E-05	7.81E-05	5.06E-06	5.00E-05	2.88E-04	Residence	0.00E+00	0.00E+00	9.79E-08	1.16E-08	0.11	0.00	7.72E-05	7.76E-05	7.81E-05	8.22E-06	4.60E-05	2.87E-04
606052	4121500	7.65E-05	7.70E-05	7.76E-05	5.43E-06	5.20E-05	2.89E-04	Residence	0.00E+00	0.00E+00	9.81E-08	1.16E-08	0.11	0.00	7.65E-05	7.70E-05	7.76E-05	8.82E-06	4.78E-05	2.88E-04
606072	4121500	7.78E-05	7.82E-05	7.87E-05	5.86E-06	5.40E-05	2.95E-04	Residence	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	7.78E-05	7.82E-05	7.87E-05	9.52E-06	4.97E-05	2.94E-04
606092	4121500	8.07E-05	8.10E-05	8.15E-05	6.37E-06	5.62E-05	3.06E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.23E-08	0.12	0.00	8.07E-05	8.10E-05	8.15E-05	1.04E-05	5.17E-05	3.05E-04
606112	4121500	8.34E-05	8.37E-05	8.42E-05	6.99E-06	5.84E-05	3.17E-04	Residence	0.00E+00	0.00E+00	1.08E-07	1.27E-08	0.12	0.00	8.34E-05	8.37E-05	8.42E-05	1.14E-05	5.37E-05	3.16E-04
606132	4121500	8.51E-05	8.54E-05	8.59E-05	7.72E-06	6.07E-05	3.25E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.31E-08	0.12	0.00	8.51E-05	8.54E-05	8.59E-05	1.26E-05	5.59E-05	3.25E-04
606152	4121500	8.72E-05	8.75E-05	8.81E-05	8.61E-06	6.32E-05	3.35E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.34E-08	0.13	0.00	8.72E-05	8.75E-05	8.81E-05	1.40E-05	5.82E-05	3.35E-04
606172	4121500	9.10E-05	9.13E-05	9.19E-05	9.68E-06	6.59E-05	3.50E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	9.10E-05	9.13E-05	9.19E-05	1.57E-05	6.06E-05	3.51E-04
606192	4121500	9.49E-05	9.51E-05	9.58E-05	1.09E-05	6.88E-05	3.65E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	9.49E-05	9.51E-05	9.58E-05	1.77E-05	6.33E-05	3.67E-04
606212	4121500	9.98E-05	1.00E-04	1.01E-04	1.23E-05	7.19E-05	3.85E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	9.98E-05	1.00E-04	1.01E-04	2.00E-05	6.61E-05	3.87E-04
606232	4121500	1.06E-04	1.06E-04	1.07E-04	1.39E-05	7.52E-05	4.08E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.06E-04	1.06E-04	1.07E-04	2.25E-05	6.92E-05	4.11E-04
606252	4121500	1.13E-04	1.13E-04	1.14E-04	1.56E-05	7.88E-05	4.35E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.13E-04	1.13E-04	1.14E-04	2.53E-05	7.25E-05	4.38E-04
606272	4121500	1.22E-04	1.22E-04	1.23E-04	1.74E-05	8.26E-05	4.67E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.22E-04	1.22E-04	1.23E-04	2.83E-05	7.60E-05	4.72E-04
606292	4121500	1.33E-04	1.33E-04	1.35E-04	1.95E-05	8.68E-05	5.07E-04	Residence	0.00E+00	0.00E+00	1.72E-07	2.04E-08	0.19	0.00	1.33E-04	1.33E-04	1.35E-04	3.16E-05	7.98E-05	5.12E-04
606312	4121500	1.45E-04	1.46E-04	1.48E-04	2.17E-05	9.13E-05	5.53E-04	Residence	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.45E-04	1.46E-04	1.48E-04	3.52E-05	8.40E-05	5.59E-04
606332	4121500	1.61E-04	1.62E-04	1.64E-04	2.41E-05	9.62E-05	6.07E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.61E-04	1.62E-04	1.64E-04	3.92E-05	8.85E-05	6.15E-04
606352	4121500	1.78E-04	1.80E-04	1.83E-04	2.68E-05	1.01E-04	6.70E-04	Residence	0.00E+00	0.00E+00	2.28E-07	2.69E-08	0.25	0.00	1.78E-04	1.80E-04	1.83E-04	4.36E-05	9.32E-05	6.78E-04
606372	4121500	1.98E-04	2.01E-04	2.05E-04	2.96E-05	1.07E-04	7.40E-04	Residence	0.00E+00	0.00E+00	2.51E-07	2.97E-08	0.28	0.00	1.98E-04	2.01E-04	2.05E-04	4.82E-05	9.81E-05	7.50E-04
606392	4121500	2.22E-04	2.25E-04	2.30E-04	3.26E-05	1.12E-04	8.21E-04	Residence	0.00E+00	0.00E+00	2.79E-07	3.30E-08	0.31	0.00	2.22E-04	2.25E-04	2.30E-04	5.29E-05	1.03E-04	8.33E-04
606432	4121500	2.83E-04	2.89E-04	2.96E-04	3.81E-05	1.22E-04	1.03E-03	Residence	0.00E+00	0.00E+00	3.50E-07	4.13E-08	0.39	0.00	2.83E-04	2.89E-04	2.96E-04	6.20E-05	1.12E-04	1.04E-03
606452	4121500	3.19E-04	3.26E-04	3.35E-04	4.05E-05	1.25E-04	1.15E-03	Residence	0.00E+00	0.00E+00	3.90E-07	4.61E-08	0.44	0.00	3.19E-04	3.26E-04	3.35E-04	6.58E-05	1.15E-04	1.16E-03
606472	4121500	3.57E-04	3.66E-04	3.77E-04	4.24E-05	1.28E-04	1.27E-03	Residence	0.00E+00	0.00E+00	4.32E-07	5.11E-08	0.48	0.00	3.57E-04	3.66E-04	3.77E-04	6.89E-05	1.18E-04	1.29E-03
606492	4121500	3.96E-04	4.06E-04	4.18E-04	4.38E-05	1.30E-04	1.39E-03	Residence	0.00E+00	0.00E+00	4.74E-07	5.60E-08	0.53	0.00	3.96E-04	4.06E-04	4.18E-04	7.11E-05	1.20E-04	1.41E-03
606512	4121500	4.37E-04	4.49E-04	4.63E-04	4.47E-05	1.31E-04	1.52E-03	Residence	0.00E+00	0.00E+00	5.18E-07	6.13E-08	0.58	0.00	4.37E-04	4.49E-04	4.63E-04	7.26E-05	1.20E-04	1.54E-03
606532	4121500	4.78E-04	4.91E-04	5.07E-04	4.51E-05	1.31E-04	1.65E-03	Residence	0.00E+00	0.00E+00	5.62E-07	6.64E-08	0.63	0.00	4.78E-04	4.91E-04	5.07E-04	7.33E-05	1.20E-04	1.67E-03
606552	4121500	5.20E-04	5.34E-04	5.51E-04	4.51E-05	1.30E-04	1.78E-03	Residence	0.00E+00	0.00E+00	6.05E-07	7.16E-08	0.68	0.00	5.20E-04	5.34E-04	5.51E-04	7.34E-05	1.19E-04	1.80E-03
606572	4121500	5.60E-04	5.75E-04	5.92E-04	4.49E-05	1.28E-04	1.90E-03	Residence	0.00E+00	0.00E+00	6.46E-07	7.63E-08	0.72	0.00	5.60E-04	5.75E-04	5.92E-04	7.29E-05	1.18E-04	1.92E-03
606592	4121500	5.96E-04	6.12E-04	6.29E-04	4.44E-05	1.26E-04	2.01E-03	Residence	0.00E+00	0.00E+00	6.82E-07	8.07E-08	0.76	0.00	5.96E-04	6.12E-04	6.29E-04	7.21E-05	1.16E-04	2.02E-03
606612	4121500	6.27E-04	6.43E-04	6.60E-04	4.37E-05	1.24E-04	2.10E-03	Residence	0.00E+00	0.00E+00	7.13E-07	8.43E-08	0.80	0.00	6.27E-04	6.43E-04	6.60E-04	7.09E-05	1.14E-04	2.11E-03
606632	4121500	6.53E-04	6.70E-04	6.86E-04	4.28E-05	1.21E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.39E-07	8.73E-08	0.83	0.00	6.53E-04	6.70E-04	6.86E-04	6.96E-05	1.11E-04	2.19E-03
606652	4121500	6.75E-04	6.91E-04	7.07E-04	4.19E-05	1.17E-04	2.23E-03	Residence	0.00E+00	0.00E+00	7.59E-07	8.97E-08	0.85	0.00	6.75E-04	6.91E-04	7.07E-04	6.80E-05	1.08E-04	2.25E-03
606672	4121500	6.92E-04	7.07E-04	7.22E-04	4.09E-05	1.14E-04	2.28E-03	Residence	0.00E+00	0.00E+00	7.74E-07	9.15E-08	0.87	0.00	6.92E-04	7.07E-04	7.22E-04	6.64E-05	1.05E-04	2.29E-03
606692	4121500	7.02E-04	7.17E-04	7.32E-04	3.98E-05	1.10E-04	2.30E-03	Residence	0.00E+00	0.00E+00	7.83E-07	9.25E-08	0.88	0.00	7.02E-04	7.17E-04	7.32E-04	6.47E-05	1.02E-04	2.32E-03
606712	4121500	7.10E-04	7.24E-04	7.38E-04	3.87E-05	1.07E-04	2.32E-03	Residence	0.00E+00	0.00E+00	7.88E-07	9.31E-08	0.88	0.00	7.10E-04	7.24E-04	7.38E-04	6.29E-05	9.81E-05	2.33E-03
606732	4121500	7.13E-04	7.27E-04	7.40E-04	3.76E-05	1.03E-04	2.32E-03	Residence	0.00E+00	0.00E+00	7.89E-07	9.33E-08	0.88	0.00	7.13E-04	7.27E-04	7.40E-04	6.11E-05	9.47E-05	2.34E-03
606752	4121500	7.13E-04	7.26E-04	7.38E-04	3.64E-05	9.92E-05	2.31E-03	Residence	0.00E+00	0.00E+00	7.86E-07	9.29E-08	0.88	0.00	7.13E-04	7.26E-04	7.38E-04	5.92E-05	9.12E-05	2.33E-03
606772	4121500	7.10E-04	7.22E-04	7.33E-04	3.53E-05	9.54E-05	2.30E-03	Residence	0.00E+00	0.00E+00	7.81E-07	9.23E-08	0.87	0.00	7.10E-04	7.22E-04	7.33E-04	5.73E-05	8.78E-05	2.31E-03
606792	4121500	7.06E-04	7.17E-04	7.27E-04	3.41E-05	9.18E-05	2.28E-03	Residence	0.00E+00	0.00E+00	7.74E-07	9.15E-08	0.87	0.00	7.06E-04	7.17E-04	7.27E-04	5.55E-05	8.44E-05	2.29E-03
606992	4121500	5.71E-04	5.74E-04	5.76E-04	2.30E-05	5.99E-05	1.80E-03	Residence	0.00E+00	0.00E+00	6.14E-07	7.25E-08	0.69	0.00	5.71E-04	5.74E-04	5.76E-04	3.74E-05	5.51E-05	1.81E-03
607012	4121500	5.55E-04	5.58E-04	5.59E-04	2.21E-05	5.74E-05	1.75E-03	Residence	0.00E+00	0.00E+00	5.95E-07	7.04E-08	0.67	0.00	5.55E-04	5.58E-04	5.59E-04	3.58E-05	5.28E-05	1.76E-03
607032	4121500	5.39E-04	5.41E-04	5.42E-04	2.11E-05	5.50E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.77E-07	6.83E-08	0.65	0.00	5.39E-04	5.41E-04	5.42E-04	3.43E-05	5.06E-05	1.71E-03
607052	4121500	5.25E-04	5.26E-04	5.26E-04	2.03E-05	5.27E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.61E-07	6.63E-08	0.63	0.00	5.25E-04	5.26E-04	5.26E-04	3.29E-05	4.85E-05	1.66E-03
605632	4121520	6.27E-05	6.34E-05	6.39E-05	2.65E-06	2.32E-05	2.16E-04	Residence	0.00E+00	0.00E+00	7.34E-08	8.67E-09	0.08	0.00	6.27E-05	6.34E-05	6.39E-05	4.30E-06	2.13E-05	2.16E-04
605652	4121520	6.32E-05	6.39E-05	6.45E-05	2.68E-06	2.41E-05	2.18E-04	Residence	0.00E+00	0.00E+00	7.43E-08	8.78E-09	0.08	0.00	6.32E-05	6.39E-05	6.45E-05	4.36E-06	2.22E-05	2.18E-04
605672	4121520	6.43E-05	6.50E-05	6.56E-05	2.72E-06	2.51E-05	2.23E-04	Residence	0.00E+00	0.00E+00	7.57E-08	8.95E-09	0.08	0.00	6.43E-05	6.50E-05	6.56E-05	4.41E-06	2.30E-05	2.22E-04
605692	4121520	6.52E-05	6.59E-05	6.65E-05	2.75E-06	2.61E-05	2.26E-04	Residence	0.00E+00	0.00E+00	7.70E-08	9.10E-09	0.09	0.00	6.52E-05	6.59E-05	6.65E-05	4.47E-06	2.40E-05	2.26E-04
605712	4121520	6.54E-05	6.61E-05	6.67E-05	2.79E-06	2.71E-05	2.28E-04	Residence	0.00E+00	0.00E+00	7.76E-08	9.17E-09	0.09	0.00	6.54E-05	6.61E-05	6.67E-05	4.54E-06	2.50E-05	2.28E-04
605732	4121520	6.50E-05	6.57E-05	6.63E-05	2.83E-06	2.82E-05	2.28E-04	Residence	0.00E+00	0.00E+00	7.75E-08	9.16E-09	0.09	0.00	6.50E-05	6.57E-05	6.63E-05	4.61E-06	2.59E-05	2.27E-04
605752	4121520	6.67E-05	6.74E-05	6.80E-05	2.89E-06	2.94E-05	2.34E-04	Residence	0.00E+00	0.00E+00	7.97E-08	9.42E-09	0.09	0.00	6.67E-05	6.74E-05	6.80E-05	4.69E-06	2.71E-05	2.34E-04
605772	4121520	6.74E-05	6.81E-05	6.89E-05	2.94E-06	3.07E-05	2.38E-04	Residence	0.00E+00	0.00E+00	8.09E-08	9.57E-09	0.09	0.00	6.74E-05	6.81E-05	6.89E-05	4.78E-06	2.82E-05	2.37E-04
605792	4121520	6.80E-05	6.87E-05	6.94E-05	3.00E-06	3.20E-05	2.41E-04	Residence	0.00E+00	0.00E+00	8.20E-08	9.69E-09	0.09	0.00	6.80E-05	6.87E-05	6.94E-05	4.88E-06	2.94E-05	2.40E-04
605812	4121520	6.85E-05	6.93E-05	7.00E-05	3.07E-06	3.34E-05	2.44E-04	Residence	0.00E+00	0.00E+00	8.31E-08	9.82E-09	0.09	0.00	6.85E-05	6.93E-05	7.00E-05	4.99E-06	3.07E-05	2.44E-04
605832	4121520	6.92E-05	6.99E-05	7.06E-05	3.16E-06	3.48E-05	2.48E-04	Residence	0.00E+00	0.00E+00	8.42E-08	9.95E-09	0.09	0.00	6.92E-05	6.99E-05	7.06E-05	5.13E-06	3.20E-05	2.47E-04
605852	4121520	6.98E-05	7.05E-05	7.12E-05	3.25E-06	3.64E-05	2.51E-04	Residence	0.00E+00	0.00E+00	8.54E-08	1.01E-08	0.10	0.00	6.98E-05	7.05E-05	7.12E-05	5.29E-06	3.35E-05	2.50E-04
605872	4121520	7.05E-05	7.12E-05	7.19E-05	3.37E-06	3.80E-05	2.55E-04	Residence	0.00E+00	0.00E+00	8.67E-08	1.02E-08	0.10	0.00	7.05E-05	7.12E-05	7.19E-05	5.48E-06	3.49E-05	2.54E-04
605892	4121520	7.11E-05	7.19E-05	7.26E-05	3.51E-06	3.97E-05	2.59E-04	Residence	0.00E+00	0.00E+00	8.80E-08	1.04E-08	0.10	0.00	7.11E-05	7.19E-05	7.26E-05	5.71E-06	3.65E-05	2.58E-04
605912	4121520	7.20E-05	7.27E-05	7.34E-05	3.68E-06	4.14E-05	2.63E-04	Residence	0.00E+00	0.00E+00	8.95E-08	1.06E-08	0.10	0.00	7.20E-05	7.27E-05	7.34E-05	5.97E-06	3.81E-05	2.62E-04
605932	4121520	7.27E-05	7.34E-05	7.43E-05	3.87E-06	4.33E-05	2.68E-04	Residence	0.00E+00	0.00E+00	9.10E-08	1.08E-08	0.10	0.00	7.27E-05	7.34E-05	7.43E-05	6.29E-06	3.98E-05	2.67E-04
605952	4121520	7.32E-05	7.40E-05	7.48E-05	4.10E-06	4.52E-05	2.71E-04	Residence	0.00E+00	0.00E+00	9.23E-08	1.09E-08	0.10	0.00	7.32E-05	7.40E-05	7.48E-05	6.66E-06	4.16E-05	2.70E-04
605972	4121520	7.40E-05	7.47E-05	7.55E-05	4.35E-06	4.72E-05	2.76E-04	Residence	0.00E+00	0.00E+00	9.38E-08	1.11E-08	0.10	0.00	7.40E-05	7.47E-05	7.55E-05	7.08E-06	4.34E-05	2.75E-04
605992	4121520	7.52E-05	7.58E-05	7.65E-05	4.65E-06	4.93E-05	2.81E-04	Residence	0.00E+00	0.00E+00	9.57E-08	1.13E-08	0.11	0.00	7.52E-05	7.58E-05	7.65E-05	7.55E-06	4.53E-05	2.80E-04
606012	4121520	7.73E-05	7.78E-05	7.82E-05	4.98E-06	5.15E-05	2.90E-04	Residence	0.00E+00	0.00E+00	9.85E-08	1.16E-08	0.11	0.00	7.73E-05	7.78E-05	7.82E-05	8.10E-06	4.73E-05	2.89E-04
606032	4121520	7.85E-05	7.89E-05	7.92E-05	5.35E-06	5.37E-05	2.96E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.19E-08	0.11	0.00	7.85E-05	7.89E-05	7.92E-05	8.70E-06	4.94E-05	2.95E-04
606052	4121520	7.81E-05	7.85E-05	7.90E-05	5.76E-06	5.58E-05	2.97E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.19E-08	0.11	0.00	7.81E-05	7.85E-05	7.90E-05	9.36E-06	5.14E-05	2.96E-04
606072	4121520	7.89E-05	7.93E-05	7.98E-05	6.23E-06	5.81E-05	3.02E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.11	0.00	7.89E-05	7.93E-05	7.98E-05	1.01E-05	5.35E-05	3.02E-04
606092	4121520	8.15E-05	8.19E-05	8.24E-05	6.79E-06	6.06E-05	3.13E-04	Residence	0.00E+00	0.00E+00	1.06E-07	1.26E-08	0.12	0.00	8.15E-05	8.19E-05	8.24E-05	1.10E-05	5.58E-05	3.13E-04
606112	4121520	8.43E-05	8.46E-05	8.51E-05	7.47E-06	6.32E-05	3.25E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.43E-05	8.46E-05	8.51E-05	1.21E-05	5.81E-05	3.24E-04
606132	4121520	8.71E-05	8.74E-05	8.80E-05	8.29E-06	6.59E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	8.71E-05	8.74E-05	8.80E-05	1.35E-05	6.06E-05	3.37E-04
606152	4121520	9.00E-05	9.03E-05	9.08E-05	9.29E-06	6.87E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	9.00E-05	9.03E-05	9.08E-05	1.51E-05	6.32E-05	3.49E-04
606172	4121520	9.35E-05	9.38E-05	9.44E-05	1.05E-05	7.18E-05	3.64E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	9.35E-05	9.38E-05	9.44E-05	1.71E-05	6.61E-05	3.65E-04
606192	4121520	9.72E-05	9.75E-05	9.82E-05	1.19E-05	7.51E-05	3.80E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.53E-08	0.14	0.00	9.72E-05	9.75E-05	9.82E-05	1.93E-05	6.91E-05	3.81E-04
606212	4121520	1.02E-04	1.03E-04	1.04E-04	1.35E-05	7.87E-05	4.01E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.02E-04	1.03E-04	1.04E-04	2.19E-05	7.24E-05	4.03E-04
606232	4121520	1.08E-04	1.09E-04	1.10E-04	1.53E-05	8.25E-05	4.25E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.71E-08	0.16	0.00	1.08E-04	1.09E-04	1.10E-04	2.49E-05	7.59E-05	4.28E-04
606252	4121520	1.16E-04	1.17E-04	1.18E-04	1.73E-05	8.67E-05	4.55E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.83E-08	0.17	0.00	1.16E-04	1.17E-04	1.18E-04	2.81E-05	7.98E-05	4.59E-04
606272	4121520	1.24E-04	1.25E-04	1.26E-04	1.94E-05	9.11E-05	4.86E-04	Residence	0.00E+00	0.00E+00	1.65E-07	1.95E-08	0.18	0.00	1.24E-04	1.25E-04	1.26E-04	3.16E-05	8.38E-05	4.90E-04
606292	4121520	1.36E-04	1.36E-04	1.38E-04	2.18E-05	9.60E-05	5.28E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.12E-08	0.20	0.00	1.36E-04	1.36E-04	1.38E-04	3.55E-05	8.83E-05	5.34E-04
606312	4121520	1.50E-04	1.51E-04	1.53E-04	2.45E-05	1.01E-04	5.81E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.50E-04	1.51E-04	1.53E-04	3.98E-05	9.33E-05	5.88E-04
606332	4121520	1.67E-04	1.69E-04	1.71E-04	2.74E-05	1.07E-04	6.41E-04	Residence	0.00E+00	0.00E+00	2.18E-07	2.58E-08	0.24	0.00	1.67E-04	1.69E-04	1.71E-04	4.45E-05	9.86E-05	6.50E-04

606352	4121520	1.87E-04	1.89E-04	1.92E-04	3.05E-05	1.13E-04	7.12E-04	Residence	0.00E+00	0.00E+00	2.42E-07	2.86E-08	0.27	0.00	1.87E-04	1.89E-04	1.92E-04	4.95E-05	1.04E-04	7.22E-04
606372	4121520	2.10E-04	2.13E-04	2.17E-04	3.38E-05	1.19E-04	7.93E-04	Residence	0.00E+00	0.00E+00	2.70E-07	3.19E-08	0.30	0.00	2.10E-04	2.13E-04	2.17E-04	5.49E-05	1.10E-04	8.04E-04
606432	4121520	3.01E-04	3.07E-04	3.15E-04	4.31E-05	1.35E-04	1.10E-03	Residence	0.00E+00	0.00E+00	3.75E-07	4.43E-08	0.42	0.00	3.01E-04	3.07E-04	3.15E-04	7.00E-05	1.24E-04	1.12E-03
606452	4121520	3.39E-04	3.47E-04	3.57E-04	4.54E-05	1.39E-04	1.23E-03	Residence	0.00E+00	0.00E+00	4.18E-07	4.94E-08	0.47	0.00	3.39E-04	3.47E-04	3.57E-04	7.38E-05	1.28E-04	1.25E-03
606472	4121520	3.84E-04	3.93E-04	4.05E-04	4.73E-05	1.41E-04	1.37E-03	Residence	0.00E+00	0.00E+00	4.66E-07	5.51E-08	0.52	0.00	3.84E-04	3.93E-04	4.05E-04	7.68E-05	1.30E-04	1.39E-03
606492	4121520	4.32E-04	4.44E-04	4.58E-04	4.85E-05	1.43E-04	1.52E-03	Residence	0.00E+00	0.00E+00	5.19E-07	6.13E-08	0.58	0.00	4.32E-04	4.44E-04	4.58E-04	7.88E-05	1.31E-04	1.54E-03
606512	4121520	4.81E-04	4.94E-04	5.10E-04	4.92E-05	1.43E-04	1.68E-03	Residence	0.00E+00	0.00E+00	5.71E-07	6.74E-08	0.64	0.00	4.81E-04	4.94E-04	5.10E-04	7.99E-05	1.32E-04	1.70E-03
606532	4121520	5.28E-04	5.43E-04	5.60E-04	4.93E-05	1.42E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.19E-07	7.32E-08	0.69	0.00	5.28E-04	5.43E-04	5.60E-04	8.01E-05	1.31E-04	1.84E-03
606552	4121520	5.71E-04	5.88E-04	6.06E-04	4.91E-05	1.40E-04	1.95E-03	Residence	0.00E+00	0.00E+00	6.64E-07	7.85E-08	0.74	0.00	5.71E-04	5.88E-04	6.06E-04	7.97E-05	1.29E-04	1.97E-03
606572	4121520	6.12E-04	6.29E-04	6.47E-04	4.85E-05	1.38E-04	2.07E-03	Residence	0.00E+00	0.00E+00	7.06E-07	8.34E-08	0.79	0.00	6.12E-04	6.29E-04	6.47E-04	7.88E-05	1.27E-04	2.09E-03
606592	4121520	6.48E-04	6.66E-04	6.85E-04	4.77E-05	1.35E-04	2.18E-03	Residence	0.00E+00	0.00E+00	7.42E-07	8.77E-08	0.83	0.00	6.48E-04	6.66E-04	6.85E-04	7.75E-05	1.24E-04	2.20E-03
606612	4121520	6.79E-04	6.97E-04	7.16E-04	4.67E-05	1.32E-04	2.27E-03	Residence	0.00E+00	0.00E+00	7.72E-07	9.13E-08	0.86	0.00	6.79E-04	6.97E-04	7.16E-04	7.59E-05	1.21E-04	2.29E-03
606632	4121520	7.04E-04	7.21E-04	7.39E-04	4.56E-05	1.28E-04	2.34E-03	Residence	0.00E+00	0.00E+00	7.95E-07	9.39E-08	0.89	0.00	7.04E-04	7.21E-04	7.39E-04	7.41E-05	1.18E-04	2.36E-03
606652	4121520	7.24E-04	7.42E-04	7.59E-04	4.45E-05	1.24E-04	2.39E-03	Residence	0.00E+00	0.00E+00	8.14E-07	9.62E-08	0.91	0.00	7.24E-04	7.42E-04	7.59E-04	7.23E-05	1.14E-04	2.41E-03
606672	4121520	7.37E-04	7.54E-04	7.70E-04	4.32E-05	1.20E-04	2.42E-03	Residence	0.00E+00	0.00E+00	8.24E-07	9.74E-08	0.92	0.00	7.37E-04	7.54E-04	7.70E-04	7.03E-05	1.10E-04	2.44E-03
606692	4121520	7.46E-04	7.62E-04	7.78E-04	4.20E-05	1.15E-04	2.44E-03	Residence	0.00E+00	0.00E+00	8.31E-07	9.82E-08	0.93	0.00	7.46E-04	7.62E-04	7.78E-04	6.82E-05	1.06E-04	2.46E-03
606712	4121520	7.52E-04	7.67E-04	7.81E-04	4.07E-05	1.11E-04	2.45E-03	Residence	0.00E+00	0.00E+00	8.34E-07	9.85E-08	0.93	0.00	7.52E-04	7.67E-04	7.81E-04	6.61E-05	1.02E-04	2.47E-03
606732	4121520	7.52E-04	7.67E-04	7.80E-04	3.93E-05	1.07E-04	2.44E-03	Residence	0.00E+00	0.00E+00	8.31E-07	9.83E-08	0.93	0.00	7.52E-04	7.67E-04	7.80E-04	6.39E-05	9.83E-05	2.46E-03
606752	4121520	7.50E-04	7.63E-04	7.75E-04	3.80E-05	1.03E-04	2.43E-03	Residence	0.00E+00	0.00E+00	8.26E-07	9.76E-08	0.92	0.00	7.50E-04	7.63E-04	7.75E-04	6.17E-05	9.43E-05	2.44E-03
606772	4121520	7.45E-04	7.57E-04	7.68E-04	3.67E-05	9.83E-05	2.41E-03	Residence	0.00E+00	0.00E+00	8.18E-07	9.67E-08	0.91	0.00	7.45E-04	7.57E-04	7.68E-04	5.96E-05	9.04E-05	2.42E-03
606792	4121520	7.38E-04	7.49E-04	7.59E-04	3.53E-05	9.42E-05	2.38E-03	Residence	0.00E+00	0.00E+00	8.08E-07	9.55E-08	0.90	0.00	7.38E-04	7.49E-04	7.59E-04	5.74E-05	8.66E-05	2.39E-03
606852	4121520	7.00E-04	7.08E-04	7.15E-04	3.13E-05	8.24E-05	2.24E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.61E-07	8.99E-08	0.85	0.00	7.00E-04	7.08E-04	7.15E-04	5.09E-05	7.58E-05	2.25E-03
606872	4121520	6.86E-04	6.93E-04	6.98E-04	3.00E-05	7.87E-05	2.19E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.43E-07	8.78E-08	0.83	0.00	6.86E-04	6.93E-04	6.98E-04	4.88E-05	7.24E-05	2.20E-03
606892	4121520	6.72E-04	6.78E-04	6.83E-04	2.88E-05	7.53E-05	2.14E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.27E-07	8.59E-08	0.81	0.00	6.72E-04	6.78E-04	6.83E-04	4.68E-05	6.93E-05	2.15E-03
606912	4121520	6.54E-04	6.60E-04	6.63E-04	2.75E-05	7.19E-05	2.08E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.06E-07	8.35E-08	0.79	0.00	6.54E-04	6.60E-04	6.63E-04	4.47E-05	6.61E-05	2.09E-03
606932	4121520	6.36E-04	6.41E-04	6.43E-04	2.63E-05	6.87E-05	2.02E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	6.85E-07	8.10E-08	0.77	0.00	6.36E-04	6.41E-04	6.43E-04	4.28E-05	6.32E-05	2.03E-03
606992	4121520	5.77E-04	5.79E-04	5.80E-04	2.30E-05	5.98E-05	1.82E-03	Residence	0.00E+00	0.00E+00	6.18E-07	7.31E-08	0.69	0.00	5.77E-04	5.79E-04	5.80E-04	3.74E-05	5.50E-05	1.83E-03
607012	4121520	5.59E-04	5.60E-04	5.60E-04	2.20E-05	5.72E-05	1.76E-03	Residence	0.00E+00	0.00E+00	5.98E-07	7.07E-08	0.67	0.00	5.59E-04	5.60E-04	5.60E-04	3.57E-05	5.26E-05	1.77E-03
607032	4121520	5.41E-04	5.42E-04	5.41E-04	2.10E-05	5.47E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.78E-07	6.83E-08	0.65	0.00	5.41E-04	5.42E-04	5.41E-04	3.41E-05	5.03E-05	1.71E-03
607052	4121520	5.26E-04	5.26E-04	5.26E-04	2.01E-05	5.23E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.61E-07	6.63E-08	0.63	0.00	5.26E-04	5.26E-04	5.26E-04	3.27E-05	4.82E-05	1.66E-03
605632	4121540	6.46E-05	6.53E-05	6.59E-05	2.84E-06	2.39E-05	2.23E-04	Residence	0.00E+00	0.00E+00	7.57E-08	8.94E-09	0.08	0.00	6.46E-05	6.53E-05	6.59E-05	4.62E-06	2.20E-05	2.22E-04
605652	4121540	6.60E-05	6.67E-05	6.73E-05	2.88E-06	2.49E-05	2.28E-04	Residence	0.00E+00	0.00E+00	7.75E-08	9.16E-09	0.09	0.00	6.60E-05	6.67E-05	6.73E-05	4.69E-06	2.29E-05	2.28E-04
605672	4121540	6.68E-05	6.75E-05	6.82E-05	2.92E-06	2.59E-05	2.31E-04	Residence	0.00E+00	0.00E+00	7.87E-08	9.30E-09	0.09	0.00	6.68E-05	6.75E-05	6.82E-05	4.75E-06	2.39E-05	2.31E-04
605692	4121540	6.74E-05	6.82E-05	6.89E-05	2.96E-06	2.70E-05	2.34E-04	Residence	0.00E+00	0.00E+00	7.97E-08	9.42E-09	0.09	0.00	6.74E-05	6.82E-05	6.89E-05	4.82E-06	2.48E-05	2.34E-04
605712	4121540	6.80E-05	6.88E-05	6.95E-05	3.01E-06	2.81E-05	2.37E-04	Residence	0.00E+00	0.00E+00	8.07E-08	9.54E-09	0.09	0.00	6.80E-05	6.88E-05	6.95E-05	4.88E-06	2.59E-05	2.37E-04
605732	4121540	6.71E-05	6.79E-05	6.85E-05	3.05E-06	2.93E-05	2.36E-04	Residence	0.00E+00	0.00E+00	8.02E-08	9.48E-09	0.09	0.00	6.71E-05	6.79E-05	6.85E-05	4.96E-06	2.69E-05	2.35E-04
605752	4121540	6.92E-05	7.00E-05	7.06E-05	3.10E-06	3.06E-05	2.44E-04	Residence	0.00E+00	0.00E+00	8.28E-08	9.79E-09	0.09	0.00	6.92E-05	7.00E-05	7.06E-05	5.04E-06	2.82E-05	2.43E-04
605772	4121540	6.98E-05	7.06E-05	7.13E-05	3.16E-06	3.20E-05	2.47E-04	Residence	0.00E+00	0.00E+00	8.39E-08	9.92E-09	0.09	0.00	6.98E-05	7.06E-05	7.13E-05	5.13E-06	2.94E-05	2.46E-04
605792	4121540	7.03E-05	7.11E-05	7.18E-05	3.22E-06	3.34E-05	2.50E-04	Residence	0.00E+00	0.00E+00	8.49E-08	1.00E-08	0.09	0.00	7.03E-05	7.11E-05	7.18E-05	5.23E-06	3.07E-05	2.49E-04
605812	4121540	7.09E-05	7.17E-05	7.25E-05	3.29E-06	3.49E-05	2.53E-04	Residence	0.00E+00	0.00E+00	8.61E-08	1.02E-08	0.10	0.00	7.09E-05	7.17E-05	7.25E-05	5.35E-06	3.21E-05	2.53E-04
605832	4121540	7.15E-05	7.23E-05	7.31E-05	3.37E-06	3.65E-05	2.57E-04	Residence	0.00E+00	0.00E+00	8.73E-08	1.03E-08	0.10	0.00	7.15E-05	7.23E-05	7.31E-05	5.48E-06	3.36E-05	2.56E-04
605852	4121540	7.20E-05	7.27E-05	7.34E-05	3.47E-06	3.82E-05	2.60E-04	Residence	0.00E+00	0.00E+00	8.83E-08	1.04E-08	0.10	0.00	7.20E-05	7.27E-05	7.34E-05	5.64E-06	3.52E-05	2.59E-04
605872	4121540	7.28E-05	7.36E-05	7.43E-05	3.59E-06	4.00E-05	2.64E-04	Residence	0.00E+00	0.00E+00	8.99E-08	1.06E-08	0.10	0.00	7.28E-05	7.36E-05	7.43E-05	5.83E-06	3.68E-05	2.63E-04
605892	4121540	7.35E-05	7.43E-05	7.50E-05	3.73E-06	4.19E-05	2.68E-04	Residence	0.00E+00	0.00E+00	9.13E-08	1.08E-08	0.10	0.00	7.35E-05	7.43E-05	7.50E-05	6.06E-06	3.85E-05	2.67E-04
605912	4121540	7.43E-05	7.50E-05	7.58E-05	3.89E-06	4.38E-05	2.73E-04	Residence	0.00E+00	0.00E+00	9.28E-08	1.10E-08	0.10	0.00	7.43E-05	7.50E-05	7.58E-05	6.33E-06	4.03E-05	2.72E-04
605932	4121540	7.51E-05	7.58E-05	7.66E-05	4.09E-06	4.59E-05	2.78E-04	Residence	0.00E+00	0.00E+00	9.44E-08	1.12E-08	0.11	0.00	7.51E-05	7.58E-05	7.66E-05	6.65E-06	4.23E-05	2.76E-04
605952	4121540	7.60E-05	7.67E-05	7.74E-05	4.33E-06	4.81E-05	2.83E-04	Residence	0.00E+00	0.00E+00	9.61E-08	1.14E-08	0.11	0.00	7.60E-05	7.67E-05	7.74E-05	7.03E-06	4.42E-05	2.81E-04
605972	4121540	7.68E-05	7.74E-05	7.81E-05	4.60E-06	5.03E-05	2.87E-04	Residence	0.00E+00	0.00E+00	9.77E-08	1.15E-08	0.11	0.00	7.68E-05	7.74E-05	7.81E-05	7.47E-06	4.63E-05	2.86E-04
605992	4121540	7.72E-05	7.77E-05	7.84E-05	4.91E-06	5.27E-05	2.91E-04	Residence	0.00E+00	0.00E+00	9.89E-08	1.17E-08	0.11	0.00	7.72E-05	7.77E-05	7.84E-05	7.98E-06	4.85E-05	2.90E-04
606012	4121540	7.87E-05	7.91E-05	7.96E-05	5.27E-06	5.51E-05	2.98E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	7.87E-05	7.91E-05	7.96E-05	8.57E-06	5.07E-05	2.97E-04
606032	4121540	7.97E-05	8.01E-05	8.05E-05	5.68E-06	5.77E-05	3.04E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	7.97E-05	8.01E-05	8.05E-05	9.22E-06	5.30E-05	3.03E-04
606052	4121540	7.95E-05	8.00E-05	8.05E-05	6.13E-06	6.02E-05	3.06E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.23E-08	0.12	0.00	7.95E-05	8.00E-05	8.05E-05	9.95E-06	5.54E-05	3.05E-04
606072	4121540	8.01E-05	8.05E-05	8.10E-05	6.64E-06	6.28E-05	3.11E-04	Residence	0.00E+00	0.00E+00	1.06E-07	1.25E-08	0.12	0.00	8.01E-05	8.05E-05	8.10E-05	1.08E-05	5.78E-05	3.10E-04
606092	4121540	8.28E-05	8.31E-05	8.37E-05	7.26E-06	6.56E-05	3.22E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.28E-05	8.31E-05	8.37E-05	1.18E-05	6.04E-05	3.22E-04
606112	4121540	8.54E-05	8.57E-05	8.63E-05	8.01E-06	6.86E-05	3.34E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.34E-08	0.13	0.00	8.54E-05	8.57E-05	8.63E-05	1.30E-05	6.31E-05	3.33E-04
606132	4121540	8.74E-05	8.77E-05	8.83E-05	8.92E-06	7.16E-05	3.44E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	8.74E-05	8.77E-05	8.83E-05	1.45E-05	6.59E-05	3.44E-04
606152	4121540	9.05E-05	9.08E-05	9.14E-05	1.00E-05	7.49E-05	3.58E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	9.05E-05	9.08E-05	9.14E-05	1.63E-05	6.89E-05	3.58E-04
606172	4121540	9.39E-05	9.43E-05	9.49E-05	1.14E-05	7.85E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	9.39E-05	9.43E-05	9.49E-05	1.85E-05	7.22E-05	3.74E-04
606192	4121540	9.79E-05	9.83E-05	9.89E-05	1.30E-05	8.23E-05	3.90E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	9.79E-05	9.83E-05	9.89E-05	2.11E-05	7.57E-05	3.92E-04
606212	4121540	1.03E-04	1.03E-04	1.04E-04	1.49E-05	8.64E-05	4.11E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.03E-04	1.03E-04	1.04E-04	2.42E-05	7.95E-05	4.14E-04
606232	4121540	1.10E-04	1.10E-04	1.11E-04	1.70E-05	9.09E-05	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.10E-04	1.10E-04	1.11E-04	2.76E-05	8.37E-05	4.42E-04
606252	4121540	1.17E-04	1.18E-04	1.19E-04	1.93E-05	9.58E-05	4.69E-04	Residence	0.00E+00	0.00E+00	1.60E-07	1.89E-08	0.18	0.00	1.17E-04	1.18E-04	1.19E-04	3.13E-05	8.81E-05	4.74E-04
606272	4121540	1.27E-04	1.27E-04	1.29E-04	2.18E-05	1.01E-04	5.05E-04	Residence	0.00E+00	0.00E+00	1.72E-07	2.03E-08	0.19	0.00	1.27E-04	1.27E-04	1.29E-04	3.55E-05	9.30E-05	5.11E-04
606292	4121540	1.39E-04	1.40E-04	1.42E-04	2.46E-05	1.07E-04	5.52E-04	Residence	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.39E-04	1.40E-04	1.42E-04	4.01E-05	9.83E-05	5.59E-04
606312	4121540	1.54E-04	1.55E-04	1.57E-04	2.78E-05	1.13E-04	6.07E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.54E-04	1.55E-04	1.57E-04	4.51E-05	1.04E-04	6.16E-04
606332	4121540	1.73E-04	1.74E-04	1.77E-04	3.12E-05	1.20E-04	6.75E-04	Residence	0.00E+00	0.00E+00	2.30E-07	2.71E-08	0.26	0.00	1.73E-04	1.74E-04	1.77E-04	5.07E-05	1.10E-04	6.85E-04
606352	4121540	1.94E-04	1.97E-04	2.00E-04	3.49E-05	1.27E-04	7.53E-04	Residence	0.00E+00	0.00E+00	2.56E-07	3.03E-08	0.29	0.00	1.94E-04	1.97E-04	2.00E-04	5.67E-05	1.17E-04	7.65E-04
606472	4121540	4.15E-04	4.26E-04	4.40E-04	5.27E-05	1.56E-04	1.49E-03	Residence	0.00E+00	0.00E+00	5.07E-07	5.99E-08	0.57	0.00	4.15E-04	4.26E-04	4.40E-04	8.56E-05	1.44E-04	1.51E-03
606492	4121540	4.68E-04	4.81E-04	4.97E-04	5.36E-05	1.57E-04	1.66E-03	Residence	0.00E+00	0.00E+00	5.63E-07	6.66E-08	0.63	0.00	4.68E-04	4.81E-04	4.97E-04	8.72E-05	1.44E-04	1.68E-03
606512	4121540	5.22E-04	5.37E-04	5.55E-04	5.40E-05	1.56E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.20E-07	7.33E-08	0.69	0.00	5.22E-04	5.37E-04	5.55E-04	8.77E-05	1.44E-04	1.85E-03
606532	4121540	5.76E-04	5.93E-04	6.12E-04	5.38E-05	1.54E-04	1.99E-03	Residence	0.00E+00	0.00E+00	6.76E-07	7.99E-08	0.76	0.00	5.76E-04	5.93E-04	6.12E-04	8.74E-05	1.42E-04	2.01E-03
606552	4121540	6.28E-04	6.46E-04	6.66E-04	5.33E-05	1.52E-04	2.14E-03	Residence	0.00E+00	0.00E+00	7.29E-07	8.62E-08	0.82	0.00	6.28E-04	6.46E-04	6.66E-04	8.66E-05	1.40E-04	2.17E-03
606572	4121540	6.73E-04	6.93E-04	7.13E-04	5.24E-05	1.49E-04	2.28E-03	Residence	0.00E+00	0.00E+00	7.75E-07	9.16E-08	0.87	0.00	6.73E-04	6.93E-04	7.13E-04	8.51E-05	1.37E-04	2.30E-03
606592	4121540	7.11E-04	7.31E-04	7.51E-04	5.13E-05	1.45E-04	2.39E-03	Residence	0.00E+00	0.00E+00	8.12E-07	9.60E-08	0.91	0.00	7.11E-04	7.31E-04	7.51E-04	8.33E-05	1.33E-04	2.41E-03
606612	4121540	7.42E-04	7.62E-04	7.82E-04	5.00E-05	1.40E-04	2.48E-03	Residence	0.00E+00	0.00E+00	8.42E-07	9.95E-08	0.94	0.00	7.42E-04	7.62E-04	7.82E-04	8.13E-05	1.29E-04	2.50E-03
606632	4121540	7.65E-04	7.84E-04	8.04E-04	4.87E-05	1.35E-04	2.54E-03	Residence	0.00E+00	0.00E+00	8.63E-07	1.02E-07	0.96	0.00	7.65E-04	7.84E-04	8.04E-04	7.91E-05	1.25E-04	2.56E-03
606652	4121540	7.82E-04	8.01E-04	8.20E-04	4.72E-05	1.31E-04	2.58E-03	Residence	0.00E+00	0.00E+00	8.78E-07	1.04E-07	0.98	0.00	7.82E-04	8.01E-04	8.20E-04	7.67E-05	1.20E-04	2.60E-03
606672	4121540	7.93E-04	8.11E-04	8.28E-04	4.57E-05	1.26E-04	2.60E-03	Residence	0.00E+00	0.00E+00	8.85E-07	1.05E-07	0.99	0.00	7.93E-04	8.11E-04	8.28E-04	7.43E-05	1.15E-04	2.62E-03
606692	4121540	7.99E-04	8.16E-04	8.32E-04	4.42E-05	1.21E-04	2.61E-03	Residence	0.00E+00	0.00E+00	8.88E-07	1.05E-07	0.99	0.00	7.99E-04	8.16E-04	8.32E-04	7.18E-05	1.11E-04	2.63E-03
606712	4121540	8.01E-04	8.17E-04	8.32E-04	4.27E-05	1.15E-04	2.61E-03	Residence	0.00E+00	0.00E+00	8.87E-07	1.05E-07	0.99	0.00	8.01E-04	8.17E-04	8.32E-04	6.93E-05	1.06E-04	2.63E-03
606732	4121540	7.98E-04	8.13E-04	8.27E-04	4.11E-05	1.11E-04	2.59E-03	Residence	0.00E+00	0.00E+00	8.81E-07	1.04E-07	0.98	0.00	7.98E-04	8.13E-04	8.27E-04	6.68E-05	1.02E-04	2.61E-03
606752	4121540	7.93E-04	8.06E-04	8.18E-04	3.95E-05	1.06E-04	2.56E-03	Residence	0.00E+00	0.00E+00	8.71E-07	1.03E-07	0.97	0.00	7.93E-04	8.06E-04	8.18E-04	6.42E-05	9.72E-05	2.58E-03
606772	4121540	7.84E-04	7.97E-04	8.07E-04	3.79E-05	1.01E-04	2.53E-03	Residence	0.00E+00	0.00E+00	8.59E-07	1.02E-07	0.96	0.00	7.84E-04	7.97E-04	8.07E-04	6.16E-05	9.28E-05	2.54E-03

606792	4121540	7.72E-04	7.83E-04	7.93E-04	3.64E-05	9.63E-05	2.48E-03	Residence	0.00E+00	0.00E+00	8.43E-07	9.97E-08	0.94	0.00	7.72E-04	7.83E-04	7.93E-04	5.91E-05	8.86E-05	2.50E-03
606852	4121540	7.23E-04	7.30E-04	7.36E-04	3.18E-05	8.34E-05	2.30E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.83E-07	9.26E-08	0.88	0.00	7.23E-04	7.30E-04	7.36E-04	5.17E-05	7.67E-05	2.32E-03
606872	4121540	7.06E-04	7.12E-04	7.17E-04	3.04E-05	7.95E-05	2.24E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.63E-07	9.02E-08	0.85	0.00	7.06E-04	7.12E-04	7.17E-04	4.94E-05	7.31E-05	2.26E-03
606892	4121540	6.88E-04	6.93E-04	6.96E-04	2.90E-05	7.57E-05	2.18E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.42E-07	8.77E-08	0.83	0.00	6.88E-04	6.93E-04	6.96E-04	4.72E-05	6.97E-05	2.19E-03
606912	4121540	6.67E-04	6.71E-04	6.74E-04	2.77E-05	7.21E-05	2.11E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.18E-07	8.49E-08	0.80	0.00	6.67E-04	6.71E-04	6.74E-04	4.50E-05	6.64E-05	2.12E-03
606992	4121540	5.80E-04	5.81E-04	5.81E-04	2.29E-05	5.95E-05	1.82E-03	Residence	0.00E+00	0.00E+00	6.20E-07	7.33E-08	0.69	0.00	5.80E-04	5.81E-04	5.81E-04	3.71E-05	5.47E-05	1.83E-03
607012	4121540	5.60E-04	5.61E-04	5.60E-04	2.18E-05	5.68E-05	1.76E-03	Residence	0.00E+00	0.00E+00	5.98E-07	7.07E-08	0.67	0.00	5.60E-04	5.61E-04	5.60E-04	3.54E-05	5.22E-05	1.77E-03
607032	4121540	5.41E-04	5.41E-04	5.40E-04	2.08E-05	5.42E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.77E-07	6.82E-08	0.65	0.00	5.41E-04	5.41E-04	5.40E-04	3.38E-05	4.99E-05	1.71E-03
607052	4121540	5.24E-04	5.24E-04	5.22E-04	1.98E-05	5.18E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.59E-07	6.60E-08	0.62	0.00	5.24E-04	5.24E-04	5.22E-04	3.23E-05	4.77E-05	1.65E-03
605632	4121560	6.68E-05	6.75E-05	6.82E-05	3.07E-06	2.47E-05	2.30E-04	Residence	0.00E+00	0.00E+00	7.83E-08	9.25E-09	0.09	0.00	6.68E-05	6.75E-05	6.82E-05	4.98E-06	2.27E-05	2.30E-04
605652	4121560	6.76E-05	6.83E-05	6.90E-05	3.11E-06	2.57E-05	2.34E-04	Residence	0.00E+00	0.00E+00	7.94E-08	9.39E-09	0.09	0.00	6.76E-05	6.83E-05	6.90E-05	5.05E-06	2.36E-05	2.34E-04
605672	4121560	6.86E-05	6.94E-05	7.01E-05	3.15E-06	2.68E-05	2.38E-04	Residence	0.00E+00	0.00E+00	8.10E-08	9.57E-09	0.09	0.00	6.86E-05	6.94E-05	7.01E-05	5.13E-06	2.47E-05	2.38E-04
605692	4121560	6.94E-05	7.01E-05	7.09E-05	3.20E-06	2.80E-05	2.42E-04	Residence	0.00E+00	0.00E+00	8.21E-08	9.71E-09	0.09	0.00	6.94E-05	7.01E-05	7.09E-05	5.20E-06	2.57E-05	2.41E-04
605712	4121560	7.00E-05	7.08E-05	7.16E-05	3.25E-06	2.92E-05	2.45E-04	Residence	0.00E+00	0.00E+00	8.33E-08	9.84E-09	0.09	0.00	7.00E-05	7.08E-05	7.16E-05	5.28E-06	2.68E-05	2.45E-04
605732	4121560	6.94E-05	7.02E-05	7.09E-05	3.29E-06	3.04E-05	2.44E-04	Residence	0.00E+00	0.00E+00	8.31E-08	9.82E-09	0.09	0.00	6.94E-05	7.02E-05	7.09E-05	5.35E-06	2.80E-05	2.44E-04
605752	4121560	7.14E-05	7.22E-05	7.29E-05	3.35E-06	3.19E-05	2.52E-04	Residence	0.00E+00	0.00E+00	8.56E-08	1.01E-08	0.10	0.00	7.14E-05	7.22E-05	7.29E-05	5.44E-06	2.93E-05	2.51E-04
605772	4121560	7.20E-05	7.29E-05	7.36E-05	3.41E-06	3.33E-05	2.55E-04	Residence	0.00E+00	0.00E+00	8.68E-08	1.03E-08	0.10	0.00	7.20E-05	7.29E-05	7.36E-05	5.54E-06	3.07E-05	2.55E-04
605792	4121560	7.25E-05	7.33E-05	7.40E-05	3.47E-06	3.49E-05	2.58E-04	Residence	0.00E+00	0.00E+00	8.78E-08	1.04E-08	0.10	0.00	7.25E-05	7.33E-05	7.40E-05	5.64E-06	3.21E-05	2.58E-04
605812	4121560	7.34E-05	7.43E-05	7.52E-05	3.54E-06	3.66E-05	2.63E-04	Residence	0.00E+00	0.00E+00	8.94E-08	1.06E-08	0.10	0.00	7.34E-05	7.43E-05	7.52E-05	5.76E-06	3.36E-05	2.62E-04
605832	4121560	7.40E-05	7.49E-05	7.56E-05	3.63E-06	3.83E-05	2.67E-04	Residence	0.00E+00	0.00E+00	9.06E-08	1.07E-08	0.10	0.00	7.40E-05	7.49E-05	7.56E-05	5.89E-06	3.52E-05	2.66E-04
605852	4121560	7.39E-05	7.47E-05	7.54E-05	3.72E-06	4.01E-05	2.68E-04	Residence	0.00E+00	0.00E+00	9.11E-08	1.08E-08	0.10	0.00	7.39E-05	7.47E-05	7.54E-05	6.05E-06	3.69E-05	2.67E-04
605872	4121560	7.53E-05	7.61E-05	7.70E-05	3.84E-06	4.21E-05	2.74E-04	Residence	0.00E+00	0.00E+00	9.33E-08	1.10E-08	0.10	0.00	7.53E-05	7.61E-05	7.70E-05	6.24E-06	3.88E-05	2.73E-04
605892	4121560	7.60E-05	7.68E-05	7.76E-05	3.98E-06	4.42E-05	2.79E-04	Residence	0.00E+00	0.00E+00	9.47E-08	1.12E-08	0.11	0.00	7.60E-05	7.68E-05	7.76E-05	6.46E-06	4.07E-05	2.78E-04
605912	4121560	7.67E-05	7.75E-05	7.83E-05	4.15E-06	4.64E-05	2.83E-04	Residence	0.00E+00	0.00E+00	9.62E-08	1.14E-08	0.11	0.00	7.67E-05	7.75E-05	7.83E-05	6.74E-06	4.27E-05	2.82E-04
605932	4121560	7.67E-05	7.74E-05	7.81E-05	4.35E-06	4.87E-05	2.85E-04	Residence	0.00E+00	0.00E+00	9.70E-08	1.15E-08	0.11	0.00	7.67E-05	7.74E-05	7.81E-05	7.06E-06	4.48E-05	2.84E-04
605952	4121560	7.82E-05	7.89E-05	7.95E-05	4.59E-06	5.12E-05	2.92E-04	Residence	0.00E+00	0.00E+00	9.94E-08	1.18E-08	0.11	0.00	7.82E-05	7.89E-05	7.95E-05	7.45E-06	4.71E-05	2.91E-04
605972	4121560	7.88E-05	7.94E-05	8.00E-05	4.87E-06	5.38E-05	2.97E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.19E-08	0.11	0.00	7.88E-05	7.94E-05	8.00E-05	7.91E-06	4.95E-05	2.96E-04
605992	4121560	7.89E-05	7.95E-05	8.02E-05	5.20E-06	5.64E-05	3.00E-04	Residence	0.00E+00	0.00E+00	1.02E-07	1.21E-08	0.11	0.00	7.89E-05	7.95E-05	8.02E-05	8.46E-06	5.19E-05	2.99E-04
606012	4121560	8.01E-05	8.06E-05	8.11E-05	5.59E-06	5.92E-05	3.07E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.23E-08	0.12	0.00	8.01E-05	8.06E-05	8.11E-05	9.09E-06	5.45E-05	3.05E-04
606032	4121560	8.10E-05	8.15E-05	8.19E-05	6.03E-06	6.21E-05	3.13E-04	Residence	0.00E+00	0.00E+00	1.06E-07	1.26E-08	0.12	0.00	8.10E-05	8.15E-05	8.19E-05	9.80E-06	5.72E-05	3.11E-04
606052	4121560	8.11E-05	8.16E-05	8.22E-05	6.53E-06	6.51E-05	3.17E-04	Residence	0.00E+00	0.00E+00	1.08E-07	1.27E-08	0.12	0.00	8.11E-05	8.16E-05	8.22E-05	1.06E-05	5.99E-05	3.15E-04
606072	4121560	8.13E-05	8.17E-05	8.23E-05	7.10E-06	6.81E-05	3.20E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.29E-08	0.12	0.00	8.13E-05	8.17E-05	8.23E-05	1.15E-05	6.26E-05	3.19E-04
606092	4121560	8.41E-05	8.45E-05	8.51E-05	7.79E-06	7.13E-05	3.33E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.34E-08	0.13	0.00	8.41E-05	8.45E-05	8.51E-05	1.27E-05	6.56E-05	3.32E-04
606112	4121560	8.66E-05	8.70E-05	8.76E-05	8.62E-06	7.47E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00	8.66E-05	8.70E-05	8.76E-05	1.40E-05	6.87E-05	3.44E-04
606132	4121560	8.84E-05	8.88E-05	8.94E-05	9.64E-06	7.82E-05	3.54E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	8.84E-05	8.88E-05	8.94E-05	1.57E-05	7.20E-05	3.54E-04
606152	4121560	9.14E-05	9.17E-05	9.24E-05	1.09E-05	8.20E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	9.14E-05	9.17E-05	9.24E-05	1.77E-05	7.55E-05	3.69E-04
606172	4121560	9.47E-05	9.51E-05	9.58E-05	1.25E-05	8.61E-05	3.84E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.54E-08	0.15	0.00	9.47E-05	9.51E-05	9.58E-05	2.02E-05	7.92E-05	3.85E-04
606192	4121560	9.92E-05	9.96E-05	1.00E-04	1.43E-05	9.06E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	9.92E-05	9.96E-05	1.00E-04	2.33E-05	8.34E-05	4.06E-04
606212	4121560	1.04E-04	1.05E-04	1.06E-04	1.65E-05	9.55E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.04E-04	1.05E-04	1.06E-04	2.68E-05	8.78E-05	4.29E-04
606232	4121560	1.11E-04	1.11E-04	1.12E-04	1.89E-05	1.01E-04	4.54E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.83E-08	0.17	0.00	1.11E-04	1.11E-04	1.12E-04	3.08E-05	9.27E-05	4.58E-04
606252	4121560	1.20E-04	1.20E-04	1.21E-04	2.17E-05	1.07E-04	4.90E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.97E-08	0.19	0.00	1.20E-04	1.20E-04	1.21E-04	3.52E-05	9.81E-05	4.95E-04
606272	4121560	1.30E-04	1.31E-04	1.32E-04	2.47E-05	1.13E-04	5.31E-04	Residence	0.00E+00	0.00E+00	1.81E-07	2.13E-08	0.20	0.00	1.30E-04	1.31E-04	1.32E-04	4.02E-05	1.04E-04	5.37E-04
606292	4121560	1.43E-04	1.44E-04	1.46E-04	2.81E-05	1.20E-04	5.81E-04	Residence	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.43E-04	1.44E-04	1.46E-04	4.56E-05	1.10E-04	5.89E-04
606312	4121560	1.59E-04	1.61E-04	1.63E-04	3.18E-05	1.27E-04	6.42E-04	Residence	0.00E+00	0.00E+00	2.18E-07	2.58E-08	0.24	0.00	1.59E-04	1.61E-04	1.63E-04	5.17E-05	1.17E-04	6.52E-04
606332	4121560	1.80E-04	1.82E-04	1.85E-04	3.59E-05	1.36E-04	7.19E-04	Residence	0.00E+00	0.00E+00	2.45E-07	2.89E-08	0.27	0.00	1.80E-04	1.82E-04	1.85E-04	5.84E-05	1.25E-04	7.31E-04
606412	4121560	3.05E-04	3.12E-04	3.21E-04	5.25E-05	1.65E-04	1.15E-03	Worker	0.00E+00	0.00E+00	3.93E-07	4.64E-08	0.44	0.00	3.05E-04	3.12E-04	3.21E-04	8.52E-05	1.52E-04	1.17E-03
606492	4121560	5.14E-04	5.30E-04	5.49E-04	5.94E-05	1.73E-04	1.83E-03	Residence	0.00E+00	0.00E+00	6.21E-07	7.34E-08	0.69	0.00	5.14E-04	5.30E-04	5.49E-04	9.65E-05	1.59E-04	1.85E-03
606512	4121560	5.71E-04	5.89E-04	6.09E-04	5.92E-05	1.71E-04	2.00E-03	Residence	0.00E+00	0.00E+00	6.80E-07	8.03E-08	0.76	0.00	5.71E-04	5.89E-04	6.09E-04	9.63E-05	1.57E-04	2.02E-03
606532	4121560	6.29E-04	6.48E-04	6.70E-04	5.87E-05	1.68E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.39E-07	8.74E-08	0.83	0.00	6.29E-04	6.48E-04	6.70E-04	9.53E-05	1.54E-04	2.20E-03
606552	4121560	6.82E-04	7.03E-04	7.26E-04	5.77E-05	1.64E-04	2.33E-03	Residence	0.00E+00	0.00E+00	7.93E-07	9.37E-08	0.89	0.00	6.82E-04	7.03E-04	7.26E-04	9.37E-05	1.51E-04	2.36E-03
606572	4121560	7.30E-04	7.51E-04	7.74E-04	5.64E-05	1.59E-04	2.47E-03	Residence	0.00E+00	0.00E+00	8.40E-07	9.93E-08	0.94	0.00	7.30E-04	7.51E-04	7.74E-04	9.17E-05	1.46E-04	2.49E-03
606592	4121560	7.70E-04	7.92E-04	8.14E-04	5.50E-05	1.54E-04	2.58E-03	Residence	0.00E+00	0.00E+00	8.79E-07	1.04E-07	0.98	0.00	7.70E-04	7.92E-04	8.14E-04	8.94E-05	1.42E-04	2.61E-03
606612	4121560	8.02E-04	8.24E-04	8.45E-04	5.34E-05	1.49E-04	2.67E-03	Residence	0.00E+00	0.00E+00	9.09E-07	1.07E-07	1.02	0.00	8.02E-04	8.24E-04	8.45E-04	8.68E-05	1.37E-04	2.70E-03
606632	4121560	8.26E-04	8.47E-04	8.68E-04	5.18E-05	1.43E-04	2.74E-03	Residence	0.00E+00	0.00E+00	9.30E-07	1.10E-07	1.04	0.00	8.26E-04	8.47E-04	8.68E-04	8.41E-05	1.31E-04	2.76E-03
606652	4121560	8.43E-04	8.63E-04	8.82E-04	5.00E-05	1.37E-04	2.77E-03	Residence	0.00E+00	0.00E+00	9.43E-07	1.12E-07	1.05	0.00	8.43E-04	8.63E-04	8.82E-04	8.13E-05	1.26E-04	2.79E-03
606672	4121560	8.52E-04	8.71E-04	8.89E-04	4.82E-05	1.31E-04	2.79E-03	Residence	0.00E+00	0.00E+00	9.49E-07	1.12E-07	1.06	0.00	8.52E-04	8.71E-04	8.89E-04	7.84E-05	1.21E-04	2.81E-03
606692	4121560	8.55E-04	8.73E-04	8.89E-04	4.64E-05	1.25E-04	2.79E-03	Residence	0.00E+00	0.00E+00	9.48E-07	1.12E-07	1.06	0.00	8.55E-04	8.73E-04	8.89E-04	7.54E-05	1.15E-04	2.81E-03
606712	4121560	8.53E-04	8.70E-04	8.85E-04	4.45E-05	1.19E-04	2.77E-03	Residence	0.00E+00	0.00E+00	9.42E-07	1.11E-07	1.05	0.00	8.53E-04	8.70E-04	8.85E-04	7.24E-05	1.10E-04	2.79E-03
606732	4121560	8.46E-04	8.61E-04	8.75E-04	4.27E-05	1.14E-04	2.74E-03	Residence	0.00E+00	0.00E+00	9.31E-07	1.10E-07	1.04	0.00	8.46E-04	8.61E-04	8.75E-04	6.94E-05	1.05E-04	2.76E-03
606752	4121560	8.36E-04	8.50E-04	8.61E-04	4.09E-05	1.08E-04	2.70E-03	Residence	0.00E+00	0.00E+00	9.17E-07	1.08E-07	1.03	0.00	8.36E-04	8.50E-04	8.61E-04	6.64E-05	9.97E-05	2.71E-03
606772	4121560	8.23E-04	8.35E-04	8.45E-04	3.90E-05	1.03E-04	2.65E-03	Residence	0.00E+00	0.00E+00	8.99E-07	1.06E-07	1.01	0.00	8.23E-04	8.35E-04	8.45E-04	6.34E-05	9.48E-05	2.66E-03
606872	4121560	7.22E-04	7.27E-04	7.30E-04	3.06E-05	7.98E-05	2.29E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.78E-07	9.20E-08	0.87	0.00	7.22E-04	7.27E-04	7.30E-04	4.98E-05	7.34E-05	2.30E-03
606892	4121560	6.99E-04	7.03E-04	7.05E-04	2.91E-05	7.58E-05	2.21E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.52E-07	8.89E-08	0.84	0.00	6.99E-04	7.03E-04	7.05E-04	4.73E-05	6.97E-05	2.22E-03
606912	4121560	6.76E-04	6.79E-04	6.80E-04	2.77E-05	7.20E-05	2.13E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.25E-07	8.58E-08	0.81	0.00	6.76E-04	6.79E-04	6.80E-04	4.50E-05	6.63E-05	2.15E-03
606992	4121560	5.80E-04	5.80E-04	5.79E-04	2.26E-05	5.90E-05	1.82E-03	Residence	0.00E+00	0.00E+00	6.19E-07	7.32E-08	0.69	0.00	5.80E-04	5.80E-04	5.79E-04	3.67E-05	5.42E-05	1.83E-03
607012	4121560	5.62E-04	5.61E-04	5.59E-04	2.15E-05	5.62E-05	1.76E-03	Residence	0.00E+00	0.00E+00	5.98E-07	7.07E-08	0.67	0.00	5.62E-04	5.61E-04	5.59E-04	3.50E-05	5.17E-05	1.77E-03
607032	4121560	5.41E-04	5.40E-04	5.38E-04	2.05E-05	5.36E-05	1.69E-03	Residence	0.00E+00	0.00E+00	5.76E-07	6.81E-08	0.64	0.00	5.41E-04	5.40E-04	5.38E-04	3.33E-05	4.93E-05	1.70E-03
607052	4121560	5.21E-04	5.19E-04	5.17E-04	1.95E-05	5.11E-05	1.63E-03	Residence	0.00E+00	0.00E+00	5.53E-07	6.54E-08	0.62	0.00	5.21E-04	5.19E-04	5.17E-04	3.17E-05	4.71E-05	1.64E-03
605632	4121580	7.00E-05	7.08E-05	7.15E-05	3.31E-06	2.55E-05	2.41E-04	Residence	0.00E+00	0.00E+00	8.20E-08	9.69E-09	0.09	0.00	7.00E-05	7.08E-05	7.15E-05	5.38E-06	2.34E-05	2.41E-04
605652	4121580	7.06E-05	7.14E-05	7.21E-05	3.37E-06	2.66E-05	2.44E-04	Residence	0.00E+00	0.00E+00	8.30E-08	9.81E-09	0.09	0.00	7.06E-05	7.14E-05	7.21E-05	5.47E-06	2.44E-05	2.44E-04
605672	4121580	7.08E-05	7.16E-05	7.23E-05	3.42E-06	2.77E-05	2.46E-04	Residence	0.00E+00	0.00E+00	8.36E-08	9.88E-09	0.09	0.00	7.08E-05	7.16E-05	7.23E-05	5.55E-06	2.55E-05	2.46E-04
605692	4121580	7.14E-05	7.22E-05	7.29E-05	3.47E-06	2.89E-05	2.49E-04	Residence	0.00E+00	0.00E+00	8.46E-08	1.00E-08	0.09	0.00	7.14E-05	7.22E-05	7.29E-05	5.64E-06	2.66E-05	2.49E-04
605712	4121580	7.18E-05	7.27E-05	7.34E-05	3.52E-06	3.02E-05	2.52E-04	Residence	0.00E+00	0.00E+00	8.56E-08	1.01E-08	0.10	0.00	7.18E-05	7.27E-05	7.34E-05	5.72E-06	2.78E-05	2.51E-04
605732	4121580	7.23E-05	7.31E-05	7.39E-05	3.58E-06	3.16E-05	2.55E-04	Residence	0.00E+00	0.00E+00	8.66E-08	1.02E-08	0.10	0.00	7.23E-05	7.31E-05	7.39E-05	5.81E-06	2.91E-05	2.54E-04
605752	4121580	7.30E-05	7.38E-05	7.46E-05	3.63E-06	3.31E-05	2.58E-04	Residence	0.00E+00	0.00E+00	8.78E-08	1.04E-08	0.10	0.00	7.30E-05	7.38E-05	7.46E-05	5.91E-06	3.05E-05	2.58E-04
605772	4121580	7.36E-05	7.45E-05	7.53E-05	3.70E-06	3.47E-05	2.62E-04	Residence	0.00E+00	0.00E+00	8.90E-08	1.05E-08	0.10	0.00	7.36E-05	7.45E-05	7.53E-05	6.01E-06	3.19E-05	2.61E-04
605792	4121580	7.43E-05	7.52E-05	7.59E-05	3.76E-06	3.64E-05	2.66E-04	Residence	0.00E+00	0.00E+00	9.03E-08	1.07E-08	0.10	0.00	7.43E-05	7.52E-05	7.59E-05	6.12E-06	3.35E-05	2.65E-04
605812	4121580	7.50E-05	7.59E-05	7.67E-05	3.84E-06	3.82E-05	2.70E-04	Residence	0.00E+00	0.00E+00	9.17E-08	1.08E-08	0.10	0.00	7.50E-05	7.59E-05	7.67E-05	6.24E-06	3.52E-05	2.69E-04
605832	4121580	7.58E-05	7.67E-05	7.74E-05	3.92E-06	4.02E-05	2.74E-04	Residence	0.00E+00	0.00E+00	9.32E-08	1.10E-08	0.10	0.00	7.58E-05	7.67E-05	7.74E-05	6.37E-06	3.69E-05	2.73E-04
605852	4121580	7.64E-05	7.72E-05	7.80E-05	4.02E-06	4.22E-05	2.78E-04	Residence	0.00E+00	0.00E+00	9.45E-08	1.12E-08	0.11	0.00	7.64E-05	7.72E-05	7.80E-05	6.53E-06	3.88E-05	2.77E-04
605872	4121580	7.69E-05	7.78E-05	7.86E-05	4.14E-06	4.44E-05	2.82E-04	Residence	0.00E+00	0.00E+00	9.58E-08	1.13E-08	0.11	0.00	7.69E-05	7.78E-05	7.86E-05	6.72E-06	4.08E-05	2.81E-04
605892	4121580	7.74E-05	7.82E-05	7.90E-05	4.27E-06	4.67E-05	2.86E-04	Residence	0.00E+00	0.00E+00	9.71E-08	1.15E-08	0.11	0.00	7.74E-05	7.82E-05	7.90E-05	6.94E-06	4.30E-05	2.84E-04
605912	4121580	7.81E-05	7.89E-05	7.96E-05	4.44E-06	4.92E-05	2.90E-04	Residence	0.00E+00	0.00E+00	9.87E-08	1.17E-08	0.11	0.00	7.81E-05	7.89E-05	7.96E-05	7.21E-06	4.52E-05	2.89E-04

605932	4121580	7.87E-05	7.94E-05	8.00E-05	4.64E-06	5.18E-05	2.95E-04	Residence	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	7.87E-05	7.94E-05	8.00E-05	7.54E-06	4.76E-05	2.93E-04
605952	4121580	7.94E-05	8.01E-05	8.06E-05	4.89E-06	5.46E-05	3.00E-04	Residence	0.00E+00	0.00E+00	1.02E-07	1.20E-08	0.11	0.00	7.94E-05	8.01E-05	8.06E-05	7.94E-06	5.02E-05	2.98E-04
605972	4121580	8.00E-05	8.06E-05	8.11E-05	5.18E-06	5.75E-05	3.04E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.22E-08	0.12	0.00	8.00E-05	8.06E-05	8.11E-05	8.43E-06	5.29E-05	3.03E-04
605992	4121580	8.08E-05	8.13E-05	8.18E-05	5.54E-06	6.06E-05	3.10E-04	Residence	0.00E+00	0.00E+00	1.05E-07	1.25E-08	0.12	0.00	8.08E-05	8.13E-05	8.18E-05	9.00E-06	5.57E-05	3.09E-04
606012	4121580	8.14E-05	8.19E-05	8.23E-05	5.95E-06	6.38E-05	3.15E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.27E-08	0.12	0.00	8.14E-05	8.19E-05	8.23E-05	9.67E-06	5.87E-05	3.14E-04
606032	4121580	8.25E-05	8.30E-05	8.36E-05	6.43E-06	6.71E-05	3.23E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.25E-05	8.30E-05	8.36E-05	1.05E-05	6.18E-05	3.21E-04
606052	4121580	8.26E-05	8.32E-05	8.38E-05	6.98E-06	7.05E-05	3.27E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.32E-08	0.12	0.00	8.26E-05	8.32E-05	8.38E-05	1.13E-05	6.49E-05	3.26E-04
606072	4121580	8.30E-05	8.35E-05	8.41E-05	7.61E-06	7.41E-05	3.32E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.34E-08	0.13	0.00	8.30E-05	8.35E-05	8.41E-05	1.24E-05	6.81E-05	3.31E-04
606092	4121580	8.58E-05	8.63E-05	8.69E-05	8.38E-06	7.79E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00	8.58E-05	8.63E-05	8.69E-05	1.36E-05	7.16E-05	3.44E-04
606112	4121580	8.81E-05	8.86E-05	8.92E-05	9.30E-06	8.18E-05	3.57E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	8.81E-05	8.86E-05	8.92E-05	1.51E-05	7.52E-05	3.56E-04
606132	4121580	8.99E-05	9.04E-05	9.11E-05	1.04E-05	8.59E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	8.99E-05	9.04E-05	9.11E-05	1.70E-05	7.90E-05	3.67E-04
606152	4121580	9.27E-05	9.32E-05	9.39E-05	1.19E-05	9.03E-05	3.82E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	9.27E-05	9.32E-05	9.39E-05	1.93E-05	8.31E-05	3.82E-04
606172	4121580	9.63E-05	9.67E-05	9.75E-05	1.37E-05	9.51E-05	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	9.63E-05	9.67E-05	9.75E-05	2.22E-05	8.75E-05	4.00E-04
606192	4121580	1.01E-04	1.02E-04	1.03E-04	1.58E-05	1.00E-04	4.22E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.01E-04	1.02E-04	1.03E-04	2.57E-05	9.24E-05	4.24E-04
606212	4121580	1.06E-04	1.07E-04	1.07E-04	1.84E-05	1.06E-04	4.45E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.79E-08	0.17	0.00	1.06E-04	1.07E-04	1.07E-04	2.99E-05	9.77E-05	4.48E-04
606232	4121580	1.13E-04	1.13E-04	1.14E-04	2.13E-05	1.12E-04	4.74E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.91E-08	0.18	0.00	1.13E-04	1.13E-04	1.14E-04	3.46E-05	1.03E-04	4.79E-04
606252	4121580	1.22E-04	1.23E-04	1.24E-04	2.46E-05	1.19E-04	5.13E-04	Residence	0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00	1.22E-04	1.23E-04	1.24E-04	3.99E-05	1.10E-04	5.18E-04
606272	4121580	1.33E-04	1.34E-04	1.35E-04	2.82E-05	1.27E-04	5.57E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.24E-08	0.21	0.00	1.33E-04	1.34E-04	1.35E-04	4.58E-05	1.17E-04	5.65E-04
606292	4121580	1.47E-04	1.48E-04	1.50E-04	3.23E-05	1.36E-04	6.13E-04	Residence	0.00E+00	0.00E+00	2.08E-07	2.46E-08	0.23	0.00	1.47E-04	1.48E-04	1.50E-04	5.25E-05	1.25E-04	6.22E-04
606312	4121580	1.64E-04	1.66E-04	1.69E-04	3.68E-05	1.45E-04	6.80E-04	Residence	0.00E+00	0.00E+00	2.31E-07	2.73E-08	0.26	0.00	1.64E-04	1.66E-04	1.69E-04	5.98E-05	1.33E-04	6.92E-04
606332	4121580	1.87E-04	1.90E-04	1.93E-04	4.17E-05	1.54E-04	7.66E-04	Residence	0.00E+00	0.00E+00	2.61E-07	3.08E-08	0.29	0.00	1.87E-04	1.90E-04	1.93E-04	6.78E-05	1.42E-04	7.80E-04
606392	4121580	2.85E-04	2.90E-04	2.98E-04	5.64E-05	1.80E-04	1.11E-03	Worker	0.00E+00	0.00E+00	3.77E-07	4.46E-08	0.42	0.00	2.85E-04	2.90E-04	2.98E-04	9.17E-05	1.66E-04	1.13E-03
606512	4121580	6.35E-04	6.56E-04	6.80E-04	6.51E-05	1.86E-04	2.22E-03	Residence	0.00E+00	0.00E+00	7.56E-07	8.93E-08	0.85	0.00	6.35E-04	6.56E-04	6.80E-04	1.06E-04	1.72E-04	2.25E-03
606532	4121580	6.95E-04	7.17E-04	7.42E-04	6.40E-05	1.82E-04	2.40E-03	Residence	0.00E+00	0.00E+00	8.16E-07	9.65E-08	0.91	0.00	6.95E-04	7.17E-04	7.42E-04	1.04E-04	1.67E-04	2.43E-03
606552	4121580	7.49E-04	7.73E-04	7.98E-04	6.25E-05	1.76E-04	2.56E-03	Residence	0.00E+00	0.00E+00	8.70E-07	1.03E-07	0.97	0.00	7.49E-04	7.73E-04	7.98E-04	1.02E-04	1.62E-04	2.58E-03
606572	4121580	7.96E-04	8.20E-04	8.45E-04	6.08E-05	1.70E-04	2.69E-03	Residence	0.00E+00	0.00E+00	9.16E-07	1.08E-07	1.02	0.00	7.96E-04	8.20E-04	8.45E-04	9.88E-05	1.57E-04	2.72E-03
606592	4121580	8.35E-04	8.59E-04	8.83E-04	5.89E-05	1.64E-04	2.80E-03	Residence	0.00E+00	0.00E+00	9.52E-07	1.13E-07	1.06	0.00	8.35E-04	8.59E-04	8.83E-04	9.57E-05	1.51E-04	2.82E-03
606612	4121580	8.65E-04	8.88E-04	9.11E-04	5.69E-05	1.57E-04	2.88E-03	Residence	0.00E+00	0.00E+00	9.78E-07	1.16E-07	1.09	0.00	8.65E-04	8.88E-04	9.11E-04	9.25E-05	1.44E-04	2.90E-03
606632	4121580	8.85E-04	9.07E-04	9.29E-04	5.48E-05	1.50E-04	2.93E-03	Residence	0.00E+00	0.00E+00	9.95E-07	1.18E-07	1.11	0.00	8.85E-04	9.07E-04	9.29E-04	8.91E-05	1.38E-04	2.95E-03
606652	4121580	8.97E-04	9.18E-04	9.38E-04	5.27E-05	1.43E-04	2.95E-03	Residence	0.00E+00	0.00E+00	1.00E-06	1.19E-07	1.12	0.00	8.97E-04	9.18E-04	9.38E-04	8.56E-05	1.32E-04	2.97E-03
606672	4121580	9.01E-04	9.21E-04	9.40E-04	5.05E-05	1.36E-04	2.95E-03	Residence	0.00E+00	0.00E+00	1.00E-06	1.19E-07	1.12	0.00	9.01E-04	9.21E-04	9.40E-04	8.21E-05	1.25E-04	2.97E-03
606692	4121580	8.99E-04	9.17E-04	9.34E-04	4.83E-05	1.29E-04	2.93E-03	Residence	0.00E+00	0.00E+00	9.96E-07	1.18E-07	1.11	0.00	8.99E-04	9.17E-04	9.34E-04	7.85E-05	1.19E-04	2.95E-03
606712	4121580	8.95E-04	9.12E-04	9.27E-04	4.62E-05	1.23E-04	2.90E-03	Residence	0.00E+00	0.00E+00	9.87E-07	1.17E-07	1.10	0.00	8.95E-04	9.12E-04	9.27E-04	7.50E-05	1.13E-04	2.92E-03
606732	4121580	8.84E-04	8.99E-04	9.12E-04	4.40E-05	1.16E-04	2.86E-03	Residence	0.00E+00	0.00E+00	9.71E-07	1.15E-07	1.09	0.00	8.84E-04	8.99E-04	9.12E-04	7.15E-05	1.07E-04	2.87E-03
606752	4121580	8.69E-04	8.83E-04	8.93E-04	4.19E-05	1.10E-04	2.80E-03	Residence	0.00E+00	0.00E+00	9.51E-07	1.12E-07	1.06	0.00	8.69E-04	8.83E-04	8.93E-04	6.81E-05	1.02E-04	2.81E-03
606772	4121580	8.52E-04	8.63E-04	8.72E-04	3.99E-05	1.05E-04	2.73E-03	Residence	0.00E+00	0.00E+00	9.29E-07	1.10E-07	1.04	0.00	8.52E-04	8.63E-04	8.72E-04	6.48E-05	9.62E-05	2.75E-03
606832	4121580	7.82E-04	7.88E-04	7.92E-04	3.41E-05	8.87E-05	2.49E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	8.45E-07	9.99E-08	0.95	0.00	7.82E-04	7.88E-04	7.92E-04	5.53E-05	8.16E-05	2.50E-03
606852	4121580	7.57E-04	7.62E-04	7.65E-04	3.23E-05	8.40E-05	2.40E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	8.16E-07	9.65E-08	0.91	0.00	7.57E-04	7.62E-04	7.65E-04	5.25E-05	7.73E-05	2.41E-03
606872	4121580	7.32E-04	7.35E-04	7.37E-04	3.06E-05	7.96E-05	2.31E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.87E-07	9.30E-08	0.88	0.00	7.32E-04	7.35E-04	7.37E-04	4.97E-05	7.32E-05	2.33E-03
606892	4121580	7.06E-04	7.08E-04	7.09E-04	2.90E-05	7.55E-05	2.23E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.57E-07	8.95E-08	0.85	0.00	7.06E-04	7.08E-04	7.09E-04	4.71E-05	6.94E-05	2.24E-03
606912	4121580	6.80E-04	6.82E-04	6.81E-04	2.75E-05	7.16E-05	2.14E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.28E-07	8.61E-08	0.81	0.00	6.80E-04	6.82E-04	6.81E-04	4.47E-05	6.58E-05	2.15E-03
606992	4121580	5.77E-04	5.76E-04	5.73E-04	2.22E-05	5.82E-05	1.81E-03	Residence	0.00E+00	0.00E+00	6.14E-07	7.26E-08	0.69	0.00	5.77E-04	5.76E-04	5.73E-04	3.61E-05	5.35E-05	1.82E-03
607012	4121580	5.56E-04	5.54E-04	5.51E-04	2.11E-05	5.54E-05	1.74E-03	Residence	0.00E+00	0.00E+00	5.91E-07	6.98E-08	0.66	0.00	5.56E-04	5.54E-04	5.51E-04	3.43E-05	5.10E-05	1.75E-03
607032	4121580	5.34E-04	5.32E-04	5.29E-04	2.01E-05	5.28E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.67E-07	6.70E-08	0.63	0.00	5.34E-04	5.32E-04	5.29E-04	3.26E-05	4.85E-05	1.68E-03
607052	4121580	5.13E-04	5.11E-04	5.08E-04	1.91E-05	5.03E-05	1.60E-03	Residence	0.00E+00	0.00E+00	5.45E-07	6.44E-08	0.61	0.00	5.13E-04	5.11E-04	5.08E-04	3.10E-05	4.63E-05	1.61E-03
605632	4121600	7.30E-05	7.38E-05	7.46E-05	3.59E-06	2.63E-05	2.51E-04	Residence	0.00E+00	0.00E+00	8.55E-08	1.01E-08	0.10	0.00	7.30E-05	7.38E-05	7.46E-05	5.83E-06	2.42E-05	2.51E-04
605652	4121600	7.38E-05	7.47E-05	7.55E-05	3.65E-06	2.74E-05	2.55E-04	Residence	0.00E+00	0.00E+00	8.67E-08	1.03E-08	0.10	0.00	7.38E-05	7.47E-05	7.55E-05	5.93E-06	2.53E-05	2.55E-04
605672	4121600	7.43E-05	7.52E-05	7.60E-05	3.71E-06	2.87E-05	2.58E-04	Residence	0.00E+00	0.00E+00	8.77E-08	1.04E-08	0.10	0.00	7.43E-05	7.52E-05	7.60E-05	6.03E-06	2.64E-05	2.58E-04
605692	4121600	7.49E-05	7.58E-05	7.66E-05	3.77E-06	3.00E-05	2.61E-04	Residence	0.00E+00	0.00E+00	8.88E-08	1.05E-08	0.10	0.00	7.49E-05	7.58E-05	7.66E-05	6.13E-06	2.76E-05	2.61E-04
605712	4121600	7.57E-05	7.67E-05	7.75E-05	3.84E-06	3.14E-05	2.65E-04	Residence	0.00E+00	0.00E+00	9.01E-08	1.07E-08	0.10	0.00	7.57E-05	7.67E-05	7.75E-05	6.23E-06	2.89E-05	2.65E-04
605732	4121600	7.65E-05	7.74E-05	7.83E-05	3.90E-06	3.29E-05	2.69E-04	Residence	0.00E+00	0.00E+00	9.15E-08	1.08E-08	0.10	0.00	7.65E-05	7.74E-05	7.83E-05	6.34E-06	3.03E-05	2.69E-04
605752	4121600	7.72E-05	7.82E-05	7.90E-05	3.97E-06	3.45E-05	2.73E-04	Residence	0.00E+00	0.00E+00	9.28E-08	1.10E-08	0.10	0.00	7.72E-05	7.82E-05	7.90E-05	6.44E-06	3.18E-05	2.73E-04
605772	4121600	7.79E-05	7.89E-05	7.98E-05	4.03E-06	3.63E-05	2.77E-04	Residence	0.00E+00	0.00E+00	9.42E-08	1.11E-08	0.11	0.00	7.79E-05	7.89E-05	7.98E-05	6.55E-06	3.34E-05	2.77E-04
605792	4121600	7.86E-05	7.96E-05	8.05E-05	4.11E-06	3.81E-05	2.81E-04	Residence	0.00E+00	0.00E+00	9.55E-08	1.13E-08	0.11	0.00	7.86E-05	7.96E-05	8.05E-05	6.67E-06	3.51E-05	2.80E-04
605812	4121600	7.92E-05	8.03E-05	8.12E-05	4.19E-06	4.01E-05	2.85E-04	Residence	0.00E+00	0.00E+00	9.69E-08	1.15E-08	0.11	0.00	7.92E-05	8.03E-05	8.12E-05	6.80E-06	3.69E-05	2.84E-04
605832	4121600	7.98E-05	8.08E-05	8.18E-05	4.27E-06	4.22E-05	2.89E-04	Residence	0.00E+00	0.00E+00	9.83E-08	1.16E-08	0.11	0.00	7.98E-05	8.08E-05	8.18E-05	6.94E-06	3.88E-05	2.88E-04
605852	4121600	8.04E-05	8.14E-05	8.24E-05	4.37E-06	4.45E-05	2.93E-04	Residence	0.00E+00	0.00E+00	9.97E-08	1.18E-08	0.11	0.00	8.04E-05	8.14E-05	8.24E-05	7.11E-06	4.09E-05	2.92E-04
605872	4121600	8.10E-05	8.20E-05	8.30E-05	4.49E-06	4.69E-05	2.97E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	8.10E-05	8.20E-05	8.30E-05	7.29E-06	4.31E-05	2.96E-04
605892	4121600	8.16E-05	8.26E-05	8.35E-05	4.63E-06	4.95E-05	3.02E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.21E-08	0.11	0.00	8.16E-05	8.26E-05	8.35E-05	7.52E-06	4.55E-05	3.01E-04
605912	4121600	8.21E-05	8.31E-05	8.39E-05	4.79E-06	5.23E-05	3.06E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.23E-08	0.12	0.00	8.21E-05	8.31E-05	8.39E-05	7.79E-06	4.81E-05	3.05E-04
605932	4121600	8.24E-05	8.33E-05	8.40E-05	4.99E-06	5.52E-05	3.10E-04	Residence	0.00E+00	0.00E+00	1.05E-07	1.25E-08	0.12	0.00	8.24E-05	8.33E-05	8.40E-05	8.12E-06	5.08E-05	3.09E-04
605952	4121600	8.26E-05	8.34E-05	8.41E-05	5.24E-06	5.84E-05	3.14E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00	8.26E-05	8.34E-05	8.41E-05	8.52E-06	5.37E-05	3.12E-04
605972	4121600	8.28E-05	8.35E-05	8.42E-05	5.55E-06	6.17E-05	3.18E-04	Residence	0.00E+00	0.00E+00	1.08E-07	1.28E-08	0.12	0.00	8.28E-05	8.35E-05	8.42E-05	9.01E-06	5.67E-05	3.16E-04
605992	4121600	8.31E-05	8.38E-05	8.45E-05	5.92E-06	6.52E-05	3.22E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.31E-05	8.38E-05	8.45E-05	9.61E-06	6.00E-05	3.21E-04
606012	4121600	8.36E-05	8.42E-05	8.49E-05	6.36E-06	6.89E-05	3.28E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.12	0.00	8.36E-05	8.42E-05	8.49E-05	1.03E-05	6.34E-05	3.26E-04
606032	4121600	8.41E-05	8.48E-05	8.55E-05	6.88E-06	7.28E-05	3.34E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.34E-08	0.13	0.00	8.41E-05	8.48E-05	8.55E-05	1.12E-05	6.69E-05	3.33E-04
606052	4121600	8.45E-05	8.51E-05	8.59E-05	7.48E-06	7.68E-05	3.40E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	8.45E-05	8.51E-05	8.59E-05	1.22E-05	7.06E-05	3.38E-04
606072	4121600	8.48E-05	8.54E-05	8.61E-05	8.19E-06	8.09E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00	8.48E-05	8.54E-05	8.61E-05	1.33E-05	7.44E-05	3.44E-04
606092	4121600	8.75E-05	8.81E-05	8.89E-05	9.04E-06	8.54E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	8.75E-05	8.81E-05	8.89E-05	1.47E-05	7.85E-05	3.58E-04
606112	4121600	8.98E-05	9.04E-05	9.12E-05	1.01E-05	9.00E-05	3.71E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	8.98E-05	9.04E-05	9.12E-05	1.64E-05	8.28E-05	3.70E-04
606132	4121600	9.17E-05	9.22E-05	9.30E-05	1.14E-05	9.48E-05	3.83E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	9.17E-05	9.22E-05	9.30E-05	1.85E-05	8.72E-05	3.83E-04
606152	4121600	9.46E-05	9.52E-05	9.61E-05	1.30E-05	1.00E-04	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.60E-08	0.15	0.00	9.46E-05	9.52E-05	9.61E-05	2.12E-05	9.20E-05	3.99E-04
606172	4121600	9.84E-05	9.90E-05	1.00E-04	1.51E-05	1.06E-04	4.18E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	9.84E-05	9.90E-05	1.00E-04	2.45E-05	9.73E-05	4.19E-04
606192	4121600	1.03E-04	1.04E-04	1.05E-04	1.76E-05	1.12E-04	4.41E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.77E-08	0.17	0.00	1.03E-04	1.04E-04	1.05E-04	2.86E-05	1.03E-04	4.43E-04
606212	4121600	1.09E-04	1.09E-04	1.11E-04	2.07E-05	1.19E-04	4.68E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.09E-04	1.09E-04	1.11E-04	3.36E-05	1.09E-04	4.72E-04
606232	4121600	1.15E-04	1.16E-04	1.17E-04	2.41E-05	1.27E-04	5.00E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.15E-04	1.16E-04	1.17E-04	3.92E-05	1.16E-04	5.05E-04
606252	4121600	1.24E-04	1.25E-04	1.27E-04	2.81E-05	1.35E-04	5.39E-04	Residence	0.00E+00	0.00E+00	1.83E-07	2.17E-08	0.21	0.00	1.24E-04	1.25E-04	1.27E-04	4.56E-05	1.24E-04	5.46E-04
606272	4121600	1.36E-04	1.37E-04	1.39E-04	3.25E-05	1.44E-04	5.88E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.36E-08	0.22	0.00	1.36E-04	1.37E-04	1.39E-04	5.28E-05	1.33E-04	5.97E-04
606292	4121600	1.51E-04	1.52E-04	1.55E-04	3.75E-05	1.55E-04	6.50E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.61E-08	0.25	0.00	1.51E-04	1.52E-04	1.55E-04	6.09E-05	1.42E-04	6.61E-04
606312	4121600	1.71E-04	1.73E-04	1.76E-04	4.30E-05	1.66E-04	7.28E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.93E-08	0.28	0.00	1.71E-04	1.73E-04	1.76E-04	6.99E-05	1.52E-04	7.41E-04
606332	4121600	1.96E-04	1.98E-04	2.02E-04	4.90E-05	1.77E-04	8.23E-04	Residence	0.00E+00	0.00E+00	2.80E-07	3.31E-08	0.31	0.00	1.96E-04	1.98E-04	2.02E-04	7.96E-05	1.63E-04	8.39E-04
606572	4121600	8.77E-04	9.03E-04	9.31E-04	6.54E-05	1.82E-04	2.96E-03	Residence	0.00E+00	0.00E+00	1.01E-06	1.19E-07	1.12	0.00	8.77E-04	9.03E-04	9.31E-04	1.06E-04	1.67E-04	2.98E-03
606592	4121600	9.12E-04	9.39E-04	9.65E-04	6.30E-05	1.73E-04	3.05E-03	Residence	0.00E+00	0.00E+00	1.04E-06	1.23E-07	1.16	0.00	9.12E-04	9.39E-04	9.65E-04	1.02E-04	1.59E-04	3.08E-03

606612	4121600	9.36E-04	9.61E-04	9.86E-04	6.05E-05	1.65E-04	3.11E-03	Residence	0.00E+00	0.00E+00	1.06E-06	1.25E-07	1.18	0.00	9.36E-04	9.61E-04	9.86E-04	9.83E-05	1.52E-04	3.13E-03
606632	4121600	9.52E-04	9.76E-04	9.99E-04	5.79E-05	1.57E-04	3.14E-03	Residence	0.00E+00	0.00E+00	1.07E-06	1.26E-07	1.19	0.00	9.52E-04	9.76E-04	9.99E-04	9.41E-05	1.44E-04	3.17E-03
606652	4121600	9.59E-04	9.82E-04	1.00E-03	5.53E-05	1.48E-04	3.15E-03	Residence	0.00E+00	0.00E+00	1.07E-06	1.26E-07	1.20	0.00	9.59E-04	9.82E-04	1.00E-03	8.98E-05	1.37E-04	3.17E-03
606672	4121600	9.58E-04	9.79E-04	9.97E-04	5.27E-05	1.41E-04	3.13E-03	Residence	0.00E+00	0.00E+00	1.06E-06	1.26E-07	1.19	0.00	9.58E-04	9.79E-04	9.97E-04	8.56E-05	1.29E-04	3.15E-03
606692	4121600	9.52E-04	9.70E-04	9.86E-04	5.01E-05	1.33E-04	3.09E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.18	0.00	9.52E-04	9.70E-04	9.86E-04	8.14E-05	1.22E-04	3.11E-03
606712	4121600	9.40E-04	9.56E-04	9.69E-04	4.76E-05	1.25E-04	3.04E-03	Residence	0.00E+00	0.00E+00	1.03E-06	1.22E-07	1.16	0.00	9.40E-04	9.56E-04	9.69E-04	7.73E-05	1.15E-04	3.06E-03
606732	4121600	9.22E-04	9.36E-04	9.48E-04	4.51E-05	1.18E-04	2.97E-03	Residence	0.00E+00	0.00E+00	1.01E-06	1.19E-07	1.13	0.00	9.22E-04	9.36E-04	9.48E-04	7.33E-05	1.09E-04	2.99E-03
606752	4121600	9.01E-04	9.13E-04	9.22E-04	4.27E-05	1.12E-04	2.89E-03	Residence	0.00E+00	0.00E+00	9.83E-07	1.16E-07	1.10	0.00	9.01E-04	9.13E-04	9.22E-04	6.94E-05	1.03E-04	2.91E-03
606772	4121600	8.78E-04	8.88E-04	8.95E-04	4.04E-05	1.05E-04	2.81E-03	Residence	0.00E+00	0.00E+00	9.55E-07	1.13E-07	1.07	0.00	8.78E-04	8.88E-04	8.95E-04	6.56E-05	9.70E-05	2.82E-03
606872	4121600	7.38E-04	7.40E-04	7.40E-04	3.04E-05	7.91E-05	2.33E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.92E-07	9.36E-08	0.89	0.00	7.38E-04	7.40E-04	7.40E-04	4.94E-05	7.28E-05	2.34E-03
606892	4121600	7.10E-04	7.11E-04	7.09E-04	2.87E-05	7.48E-05	2.23E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.59E-07	8.98E-08	0.85	0.00	7.10E-04	7.11E-04	7.09E-04	4.67E-05	6.88E-05	2.25E-03
606912	4121600	6.82E-04	6.82E-04	6.80E-04	2.71E-05	7.08E-05	2.14E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.28E-07	8.61E-08	0.81	0.00	6.82E-04	6.82E-04	6.80E-04	4.41E-05	6.51E-05	2.15E-03
606932	4121600	6.54E-04	6.53E-04	6.51E-04	2.57E-05	6.71E-05	2.05E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	6.97E-07	8.24E-08	0.78	0.00	6.54E-04	6.53E-04	6.51E-04	4.17E-05	6.17E-05	2.06E-03
606992	4121600	5.70E-04	5.68E-04	5.64E-04	2.17E-05	5.72E-05	1.78E-03	Residence	0.00E+00	0.00E+00	6.05E-07	7.16E-08	0.68	0.00	5.70E-04	5.68E-04	5.64E-04	3.53E-05	5.26E-05	1.79E-03
607012	4121600	5.46E-04	5.43E-04	5.39E-04	2.06E-05	5.44E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.79E-07	6.85E-08	0.65	0.00	5.46E-04	5.43E-04	5.39E-04	3.35E-05	5.00E-05	1.71E-03
607032	4121600	5.23E-04	5.20E-04	5.16E-04	1.95E-05	5.18E-05	1.63E-03	Residence	0.00E+00	0.00E+00	5.55E-07	6.55E-08	0.62	0.00	5.23E-04	5.20E-04	5.16E-04	3.17E-05	4.76E-05	1.64E-03
607052	4121600	5.04E-04	5.01E-04	4.96E-04	1.86E-05	4.93E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.33E-07	6.31E-08	0.60	0.00	5.04E-04	5.01E-04	4.96E-04	3.02E-05	4.54E-05	1.58E-03
605632	4121620	7.24E-05	7.33E-05	7.40E-05	3.88E-06	2.69E-05	2.50E-04	Residence	0.00E+00	0.00E+00	8.52E-08	1.01E-08	0.10	0.00	7.24E-05	7.33E-05	7.40E-05	6.30E-06	2.48E-05	2.51E-04
605652	4121620	7.31E-05	7.39E-05	7.47E-05	3.95E-06	2.82E-05	2.54E-04	Residence	0.00E+00	0.00E+00	8.63E-08	1.02E-08	0.10	0.00	7.31E-05	7.39E-05	7.47E-05	6.42E-06	2.59E-05	2.54E-04
605672	4121620	7.42E-05	7.50E-05	7.58E-05	4.03E-06	2.95E-05	2.59E-04	Residence	0.00E+00	0.00E+00	8.79E-08	1.04E-08	0.10	0.00	7.42E-05	7.50E-05	7.58E-05	6.54E-06	2.71E-05	2.59E-04
605692	4121620	7.51E-05	7.60E-05	7.68E-05	4.10E-06	3.09E-05	2.63E-04	Residence	0.00E+00	0.00E+00	8.94E-08	1.06E-08	0.10	0.00	7.51E-05	7.60E-05	7.68E-05	6.67E-06	2.84E-05	2.63E-04
605712	4121620	7.60E-05	7.69E-05	7.77E-05	4.18E-06	3.24E-05	2.67E-04	Residence	0.00E+00	0.00E+00	9.09E-08	1.07E-08	0.10	0.00	7.60E-05	7.69E-05	7.77E-05	6.79E-06	2.98E-05	2.67E-04
605732	4121620	7.70E-05	7.79E-05	7.88E-05	4.26E-06	3.41E-05	2.72E-04	Residence	0.00E+00	0.00E+00	9.25E-08	1.09E-08	0.10	0.00	7.70E-05	7.79E-05	7.88E-05	6.92E-06	3.13E-05	2.72E-04
605752	4121620	7.80E-05	7.89E-05	7.98E-05	4.34E-06	3.58E-05	2.77E-04	Residence	0.00E+00	0.00E+00	9.41E-08	1.11E-08	0.11	0.00	7.80E-05	7.89E-05	7.98E-05	7.05E-06	3.30E-05	2.77E-04
605772	4121620	7.87E-05	7.97E-05	8.06E-05	4.42E-06	3.77E-05	2.81E-04	Residence	0.00E+00	0.00E+00	9.56E-08	1.13E-08	0.11	0.00	7.87E-05	7.97E-05	8.06E-05	7.18E-06	3.47E-05	2.81E-04
605792	4121620	7.96E-05	8.06E-05	8.15E-05	4.50E-06	3.97E-05	2.86E-04	Residence	0.00E+00	0.00E+00	9.72E-08	1.15E-08	0.11	0.00	7.96E-05	8.06E-05	8.15E-05	7.31E-06	3.65E-05	2.86E-04
605812	4121620	8.04E-05	8.14E-05	8.23E-05	4.59E-06	4.19E-05	2.91E-04	Residence	0.00E+00	0.00E+00	9.88E-08	1.17E-08	0.11	0.00	8.04E-05	8.14E-05	8.23E-05	7.45E-06	3.85E-05	2.90E-04
605832	4121620	8.11E-05	8.21E-05	8.30E-05	4.68E-06	4.42E-05	2.95E-04	Residence	0.00E+00	0.00E+00	1.00E-07	1.19E-08	0.11	0.00	8.11E-05	8.21E-05	8.30E-05	7.61E-06	4.07E-05	2.95E-04
605852	4121620	8.19E-05	8.29E-05	8.39E-05	4.79E-06	4.67E-05	3.00E-04	Residence	0.00E+00	0.00E+00	1.02E-07	1.21E-08	0.11	0.00	8.19E-05	8.29E-05	8.39E-05	7.78E-06	4.30E-05	2.99E-04
605872	4121620	8.28E-05	8.38E-05	8.47E-05	4.91E-06	4.94E-05	3.06E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.23E-08	0.12	0.00	8.28E-05	8.38E-05	8.47E-05	7.97E-06	4.55E-05	3.05E-04
605892	4121620	8.37E-05	8.47E-05	8.55E-05	5.05E-06	5.23E-05	3.11E-04	Residence	0.00E+00	0.00E+00	1.06E-07	1.25E-08	0.12	0.00	8.37E-05	8.47E-05	8.55E-05	8.20E-06	4.82E-05	3.10E-04
605912	4121620	8.42E-05	8.51E-05	8.59E-05	5.21E-06	5.55E-05	3.16E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.27E-08	0.12	0.00	8.42E-05	8.51E-05	8.59E-05	8.47E-06	5.10E-05	3.15E-04
605932	4121620	8.43E-05	8.52E-05	8.59E-05	5.42E-06	5.88E-05	3.20E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.28E-08	0.12	0.00	8.43E-05	8.52E-05	8.59E-05	8.80E-06	5.41E-05	3.18E-04
605952	4121620	8.46E-05	8.54E-05	8.61E-05	5.67E-06	6.24E-05	3.24E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.46E-05	8.54E-05	8.61E-05	9.21E-06	5.74E-05	3.23E-04
605972	4121620	8.49E-05	8.57E-05	8.63E-05	5.98E-06	6.62E-05	3.29E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.13	0.00	8.49E-05	8.57E-05	8.63E-05	9.71E-06	6.09E-05	3.27E-04
605992	4121620	8.53E-05	8.61E-05	8.69E-05	6.36E-06	7.03E-05	3.35E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	8.53E-05	8.61E-05	8.69E-05	1.03E-05	6.47E-05	3.33E-04
606012	4121620	8.57E-05	8.65E-05	8.72E-05	6.83E-06	7.46E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	8.57E-05	8.65E-05	8.72E-05	1.11E-05	6.86E-05	3.39E-04
606032	4121620	8.63E-05	8.70E-05	8.77E-05	7.39E-06	7.92E-05	3.48E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.40E-08	0.13	0.00	8.63E-05	8.70E-05	8.77E-05	1.20E-05	7.28E-05	3.46E-04
606052	4121620	8.71E-05	8.78E-05	8.86E-05	8.05E-06	8.39E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	8.71E-05	8.78E-05	8.86E-05	1.31E-05	7.72E-05	3.54E-04
606072	4121620	8.75E-05	8.82E-05	8.91E-05	8.84E-06	8.88E-05	3.62E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.46E-08	0.14	0.00	8.75E-05	8.82E-05	8.91E-05	1.44E-05	8.17E-05	3.61E-04
606092	4121620	8.97E-05	9.04E-05	9.13E-05	9.80E-06	9.40E-05	3.75E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	8.97E-05	9.04E-05	9.13E-05	1.59E-05	8.65E-05	3.74E-04
606112	4121620	9.19E-05	9.27E-05	9.35E-05	1.10E-05	9.95E-05	3.89E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	9.19E-05	9.27E-05	9.35E-05	1.78E-05	9.16E-05	3.87E-04
606132	4121620	9.44E-05	9.51E-05	9.61E-05	1.24E-05	1.05E-04	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	9.44E-05	9.51E-05	9.61E-05	2.02E-05	9.69E-05	4.03E-04
606152	4121620	9.75E-05	9.83E-05	9.93E-05	1.43E-05	1.12E-04	4.21E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	9.75E-05	9.83E-05	9.93E-05	2.33E-05	1.03E-04	4.21E-04
606172	4121620	1.01E-04	1.02E-04	1.03E-04	1.68E-05	1.18E-04	4.42E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.78E-08	0.17	0.00	1.01E-04	1.02E-04	1.03E-04	2.72E-05	1.09E-04	4.43E-04
606192	4121620	1.06E-04	1.07E-04	1.08E-04	1.98E-05	1.26E-04	4.67E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.06E-04	1.07E-04	1.08E-04	3.21E-05	1.16E-04	4.69E-04
606212	4121620	1.12E-04	1.13E-04	1.14E-04	2.34E-05	1.34E-04	4.96E-04	Residence	0.00E+00	0.00E+00	1.69E-07	1.99E-08	0.19	0.00	1.12E-04	1.13E-04	1.14E-04	3.80E-05	1.24E-04	5.00E-04
606232	4121620	1.18E-04	1.19E-04	1.20E-04	2.76E-05	1.43E-04	5.28E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.12E-08	0.20	0.00	1.18E-04	1.19E-04	1.20E-04	4.49E-05	1.32E-04	5.34E-04
606252	4121620	1.27E-04	1.28E-04	1.30E-04	3.24E-05	1.54E-04	5.72E-04	Residence	0.00E+00	0.00E+00	1.94E-07	2.30E-08	0.22	0.00	1.27E-04	1.28E-04	1.30E-04	5.27E-05	1.42E-04	5.80E-04
606272	4121620	1.40E-04	1.41E-04	1.43E-04	3.79E-05	1.66E-04	6.28E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.40E-04	1.41E-04	1.43E-04	6.17E-05	1.52E-04	6.39E-04
606292	4121620	1.57E-04	1.58E-04	1.61E-04	4.41E-05	1.78E-04	6.98E-04	Residence	0.00E+00	0.00E+00	2.37E-07	2.81E-08	0.27	0.00	1.57E-04	1.58E-04	1.61E-04	7.17E-05	1.64E-04	7.11E-04
606312	4121620	1.78E-04	1.80E-04	1.84E-04	5.09E-05	1.92E-04	7.86E-04	Residence	0.00E+00	0.00E+00	2.67E-07	3.16E-08	0.30	0.00	1.78E-04	1.80E-04	1.84E-04	8.28E-05	1.77E-04	8.02E-04
606392	4121620	3.28E-04	3.36E-04	3.47E-04	7.61E-05	2.36E-04	1.32E-03	Worker	0.00E+00	0.00E+00	4.50E-07	5.32E-08	0.50	0.00	3.28E-04	3.36E-04	3.47E-04	1.24E-04	2.17E-04	1.35E-03
606412	4121620	3.87E-04	3.98E-04	4.13E-04	7.96E-05	2.40E-04	1.52E-03	Worker	0.00E+00	0.00E+00	5.16E-07	6.09E-08	0.58	0.00	3.87E-04	3.98E-04	4.13E-04	1.29E-04	2.21E-04	1.55E-03
606432	4121620	4.57E-04	4.72E-04	4.91E-04	8.16E-05	2.41E-04	1.74E-03	Worker	0.00E+00	0.00E+00	5.93E-07	7.01E-08	0.66	0.00	4.57E-04	4.72E-04	4.91E-04	1.33E-04	2.22E-04	1.78E-03
606492	4121620	7.11E-04	7.37E-04	7.68E-04	8.04E-05	2.29E-04	2.53E-03	Residence	0.00E+00	0.00E+00	8.59E-07	1.02E-07	0.96	0.00	7.11E-04	7.37E-04	7.68E-04	1.31E-04	2.11E-04	2.56E-03
606512	4121620	7.92E-04	8.21E-04	8.53E-04	7.84E-05	2.21E-04	2.77E-03	Residence	0.00E+00	0.00E+00	9.41E-07	1.11E-07	1.05	0.00	7.92E-04	8.21E-04	8.53E-04	1.27E-04	2.04E-04	2.80E-03
606872	4121620	7.40E-04	7.40E-04	7.37E-04	2.99E-05	7.82E-05	2.33E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.91E-07	9.35E-08	0.88	0.00	7.40E-04	7.40E-04	7.37E-04	4.87E-05	7.19E-05	2.34E-03
606892	4121620	7.08E-04	7.07E-04	7.04E-04	2.82E-05	7.38E-05	2.22E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.55E-07	8.93E-08	0.84	0.00	7.08E-04	7.07E-04	7.04E-04	4.58E-05	6.79E-05	2.23E-03
606912	4121620	6.77E-04	6.76E-04	6.72E-04	2.66E-05	6.97E-05	2.12E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.21E-07	8.53E-08	0.81	0.00	6.77E-04	6.76E-04	6.72E-04	4.32E-05	6.41E-05	2.13E-03
606932	4121620	6.47E-04	6.45E-04	6.41E-04	2.51E-05	6.59E-05	2.02E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	6.88E-07	8.14E-08	0.77	0.00	6.47E-04	6.45E-04	6.41E-04	4.08E-05	6.07E-05	2.03E-03
606992	4121620	5.61E-04	5.58E-04	5.53E-04	2.11E-05	5.61E-05	1.75E-03	Residence	0.00E+00	0.00E+00	5.95E-07	7.03E-08	0.67	0.00	5.61E-04	5.58E-04	5.53E-04	3.44E-05	5.16E-05	1.76E-03
607012	4121620	5.36E-04	5.32E-04	5.27E-04	2.00E-05	5.33E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.68E-07	6.71E-08	0.63	0.00	5.36E-04	5.32E-04	5.27E-04	3.25E-05	4.90E-05	1.68E-03
607032	4121620	5.13E-04	5.09E-04	5.04E-04	1.90E-05	5.07E-05	1.60E-03	Residence	0.00E+00	0.00E+00	5.42E-07	6.41E-08	0.61	0.00	5.13E-04	5.09E-04	5.04E-04	3.08E-05	4.66E-05	1.60E-03
607052	4121620	4.91E-04	4.87E-04	4.83E-04	1.80E-05	4.82E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.19E-07	6.14E-08	0.58	0.00	4.91E-04	4.87E-04	4.83E-04	2.92E-05	4.44E-05	1.54E-03
605632	4121640	7.75E-05	7.84E-05	7.92E-05	4.21E-06	2.79E-05	2.67E-04	Residence	0.00E+00	0.00E+00	9.09E-08	1.07E-08	0.10	0.00	7.75E-05	7.84E-05	7.92E-05	6.85E-06	2.57E-05	2.68E-04
605652	4121640	7.83E-05	7.92E-05	8.00E-05	4.30E-06	2.92E-05	2.71E-04	Residence	0.00E+00	0.00E+00	9.21E-08	1.09E-08	0.10	0.00	7.83E-05	7.92E-05	8.00E-05	7.00E-06	2.69E-05	2.71E-04
605672	4121640	7.90E-05	7.99E-05	8.08E-05	4.40E-06	3.06E-05	2.75E-04	Residence	0.00E+00	0.00E+00	9.34E-08	1.10E-08	0.10	0.00	7.90E-05	7.99E-05	8.08E-05	7.14E-06	2.81E-05	2.75E-04
605692	4121640	7.97E-05	8.07E-05	8.15E-05	4.49E-06	3.21E-05	2.78E-04	Residence	0.00E+00	0.00E+00	9.47E-08	1.12E-08	0.11	0.00	7.97E-05	8.07E-05	8.15E-05	7.29E-06	2.95E-05	2.79E-04
605712	4121640	8.04E-05	8.14E-05	8.23E-05	4.58E-06	3.37E-05	2.82E-04	Residence	0.00E+00	0.00E+00	9.60E-08	1.14E-08	0.11	0.00	8.04E-05	8.14E-05	8.23E-05	7.44E-06	3.10E-05	2.83E-04
605732	4121640	8.11E-05	8.21E-05	8.30E-05	4.67E-06	3.54E-05	2.86E-04	Residence	0.00E+00	0.00E+00	9.73E-08	1.15E-08	0.11	0.00	8.11E-05	8.21E-05	8.30E-05	7.59E-06	3.26E-05	2.86E-04
605752	4121640	8.18E-05	8.28E-05	8.38E-05	4.77E-06	3.73E-05	2.90E-04	Residence	0.00E+00	0.00E+00	9.88E-08	1.17E-08	0.11	0.00	8.18E-05	8.28E-05	8.38E-05	7.75E-06	3.43E-05	2.90E-04
605772	4121640	8.24E-05	8.34E-05	8.44E-05	4.86E-06	3.93E-05	2.94E-04	Residence	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	8.24E-05	8.34E-05	8.44E-05	7.90E-06	3.62E-05	2.94E-04
605792	4121640	8.28E-05	8.39E-05	8.48E-05	4.96E-06	4.15E-05	2.98E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	8.28E-05	8.39E-05	8.48E-05	8.06E-06	3.82E-05	2.98E-04
605812	4121640	8.32E-05	8.43E-05	8.53E-05	5.06E-06	4.38E-05	3.02E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.21E-08	0.11	0.00	8.32E-05	8.43E-05	8.53E-05	8.22E-06	4.03E-05	3.01E-04
605832	4121640	8.34E-05	8.45E-05	8.55E-05	5.16E-06	4.63E-05	3.05E-04	Residence	0.00E+00	0.00E+00	1.04E-07	1.23E-08	0.12	0.00	8.34E-05	8.45E-05	8.55E-05	8.39E-06	4.26E-05	3.05E-04
605852	4121640	8.38E-05	8.49E-05	8.59E-05	5.28E-06	4.91E-05	3.09E-04	Residence	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	8.38E-05	8.49E-05	8.59E-05	8.58E-06	4.51E-05	3.08E-04
605872	4121640	8.40E-05	8.51E-05	8.61E-05	5.40E-06	5.20E-05	3.13E-04	Residence	0.00E+00	0.00E+00	1.06E-07	1.26E-08	0.12	0.00	8.40E-05	8.51E-05	8.61E-05	8.78E-06	4.78E-05	3.12E-04
605892	4121640	8.42E-05	8.52E-05	8.60E-05	5.54E-06	5.52E-05	3.16E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.27E-08	0.12	0.00	8.42E-05	8.52E-05	8.60E-05	9.01E-06	5.07E-05	3.15E-04
605912	4121640	8.40E-05	8.50E-05	8.57E-05	5.71E-06	5.86E-05	3.19E-04	Residence	0.00E+00	0.00E+00	1.08E-07	1.28E-08	0.12	0.00	8.40E-05	8.50E-05	8.57E-05	9.28E-06	5.39E-05	3.18E-04
605932	4121640	8.37E-05	8.46E-05	8.54E-05	5.91E-06	6.23E-05	3.22E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.29E-08	0.12	0.00	8.37E-05	8.46E-05	8.54E-05	9.61E-06	5.73E-05	3.21E-04
605952	4121640	8.25E-05	8.34E-05	8.41E-05	6.15E-06	6.61E-05	3.22E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.25E-05	8.34E-05	8.41E-05	1.00E-05	6.08E-05	3.21E-04
605972	4121640	8.19E-05	8.28E-05	8.35E-05	6.46E-06	7.03E-05	3.25E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.31E-08	0.12	0.00	8.19E-05	8.28E-05	8.35E-05	1.05E-05	6.46E-05	3.23E-04

605992	4121640	8.30E-05	8.38E-05	8.45E-05	6.86E-06	7.51E-05	3.33E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.34E-08	0.13	0.00	8.30E-05	8.38E-05	8.45E-05	1.11E-05	6.91E-05	3.32E-04
606012	4121640	8.36E-05	8.44E-05	8.51E-05	7.35E-06	8.02E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	8.36E-05	8.44E-05	8.51E-05	1.19E-05	7.38E-05	3.39E-04
606032	4121640	8.42E-05	8.49E-05	8.56E-05	7.95E-06	8.54E-05	3.48E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.40E-08	0.13	0.00	8.42E-05	8.49E-05	8.56E-05	1.29E-05	7.86E-05	3.46E-04
606052	4121640	8.49E-05	8.56E-05	8.63E-05	8.67E-06	9.09E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	8.49E-05	8.56E-05	8.63E-05	1.41E-05	8.37E-05	3.55E-04
606072	4121640	8.58E-05	8.65E-05	8.73E-05	9.54E-06	9.67E-05	3.66E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	8.58E-05	8.65E-05	8.73E-05	1.55E-05	8.89E-05	3.64E-04
606192	4121640	1.08E-04	1.09E-04	1.11E-04	2.23E-05	1.42E-04	4.92E-04	Worker	0.00E+00	0.00E+00	1.67E-07	1.98E-08	0.19	0.00	1.08E-04	1.09E-04	1.11E-04	3.63E-05	1.31E-04	4.95E-04
606212	4121640	1.13E-04	1.14E-04	1.16E-04	2.67E-05	1.53E-04	5.23E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.10E-08	0.20	0.00	1.13E-04	1.14E-04	1.16E-04	4.34E-05	1.40E-04	5.27E-04
606232	4121640	1.20E-04	1.21E-04	1.23E-04	3.18E-05	1.64E-04	5.59E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.20E-04	1.21E-04	1.23E-04	5.17E-05	1.51E-04	5.66E-04
606252	4121640	1.30E-04	1.31E-04	1.33E-04	3.78E-05	1.77E-04	6.08E-04	Residence	0.00E+00	0.00E+00	2.07E-07	2.44E-08	0.23	0.00	1.30E-04	1.31E-04	1.33E-04	6.15E-05	1.63E-04	6.17E-04
606272	4121640	1.44E-04	1.45E-04	1.48E-04	4.48E-05	1.92E-04	6.73E-04	Residence	0.00E+00	0.00E+00	2.29E-07	2.71E-08	0.26	0.00	1.44E-04	1.45E-04	1.48E-04	7.28E-05	1.76E-04	6.86E-04
606292	4121640	1.62E-04	1.64E-04	1.67E-04	5.26E-05	2.08E-04	7.54E-04	Residence	0.00E+00	0.00E+00	2.56E-07	3.03E-08	0.29	0.00	1.62E-04	1.64E-04	1.67E-04	8.54E-05	1.91E-04	7.70E-04
606312	4121640	1.85E-04	1.88E-04	1.92E-04	6.09E-05	2.24E-04	8.50E-04	Residence	0.00E+00	0.00E+00	2.89E-07	3.42E-08	0.32	0.00	1.85E-04	1.88E-04	1.92E-04	9.90E-05	2.06E-04	8.70E-04
606492	4121640	7.99E-04	8.31E-04	8.67E-04	8.87E-05	2.50E-04	2.84E-03	Residence	0.00E+00	0.00E+00	9.64E-07	1.14E-07	1.08	0.00	7.99E-04	8.31E-04	8.67E-04	1.44E-04	2.30E-04	2.87E-03
606512	4121640	8.84E-04	9.18E-04	9.55E-04	8.57E-05	2.39E-04	3.08E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.17	0.00	8.84E-04	9.18E-04	9.55E-04	1.39E-04	2.20E-04	3.12E-03
606532	4121640	9.59E-04	9.93E-04	1.03E-03	8.23E-05	2.28E-04	3.29E-03	Residence	0.00E+00	0.00E+00	1.12E-06	1.32E-07	1.25	0.00	9.59E-04	9.93E-04	1.03E-03	1.34E-04	2.09E-04	3.33E-03
606552	4121640	1.02E-03	1.05E-03	1.09E-03	7.86E-05	2.15E-04	3.45E-03	Residence	0.00E+00	0.00E+00	1.17E-06	1.39E-07	1.31	0.00	1.02E-03	1.05E-03	1.09E-03	1.28E-04	1.98E-04	3.48E-03
606572	4121640	1.06E-03	1.09E-03	1.13E-03	7.49E-05	2.03E-04	3.56E-03	Residence	0.00E+00	0.00E+00	1.21E-06	1.43E-07	1.35	0.00	1.06E-03	1.09E-03	1.13E-03	1.22E-04	1.87E-04	3.59E-03
606592	4121640	1.09E-03	1.12E-03	1.15E-03	7.10E-05	1.91E-04	3.62E-03	Residence	0.00E+00	0.00E+00	1.23E-06	1.46E-07	1.38	0.00	1.09E-03	1.12E-03	1.15E-03	1.15E-04	1.76E-04	3.65E-03
606612	4121640	1.11E-03	1.13E-03	1.16E-03	6.72E-05	1.79E-04	3.65E-03	Residence	0.00E+00	0.00E+00	1.24E-06	1.47E-07	1.39	0.00	1.11E-03	1.13E-03	1.16E-03	1.09E-04	1.65E-04	3.67E-03
606632	4121640	1.11E-03	1.13E-03	1.16E-03	6.34E-05	1.68E-04	3.63E-03	Residence	0.00E+00	0.00E+00	1.23E-06	1.46E-07	1.38	0.00	1.11E-03	1.13E-03	1.16E-03	1.03E-04	1.54E-04	3.66E-03
606912	4121640	6.67E-04	6.63E-04	6.58E-04	2.59E-05	6.83E-05	2.08E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	7.08E-07	8.37E-08	0.79	0.00	6.67E-04	6.63E-04	6.58E-04	4.21E-05	6.29E-05	2.09E-03
606932	4121640	6.35E-04	6.31E-04	6.25E-04	2.44E-05	6.45E-05	1.98E-03	Santa Teresa Elementary School	0.00E+00	0.00E+00	6.73E-07	7.96E-08	0.75	0.00	6.35E-04	6.31E-04	6.25E-04	3.96E-05	5.94E-05	1.99E-03
606992	4121640	5.46E-04	5.42E-04	5.36E-04	2.05E-05	5.48E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.78E-07	6.83E-08	0.65	0.00	5.46E-04	5.42E-04	5.36E-04	3.33E-05	5.04E-05	1.71E-03
607012	4121640	5.20E-04	5.16E-04	5.10E-04	1.93E-05	5.20E-05	1.62E-03	Residence	0.00E+00	0.00E+00	5.50E-07	6.50E-08	0.61	0.00	5.20E-04	5.16E-04	5.10E-04	3.14E-05	4.78E-05	1.63E-03
607032	4121640	4.98E-04	4.93E-04	4.88E-04	1.83E-05	4.94E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.26E-07	6.22E-08	0.59	0.00	4.98E-04	4.93E-04	4.88E-04	2.98E-05	4.55E-05	1.55E-03
607052	4121640	4.77E-04	4.72E-04	4.67E-04	1.74E-05	4.71E-05	1.48E-03	Residence	0.00E+00	0.00E+00	5.04E-07	5.95E-08	0.56	0.00	4.77E-04	4.72E-04	4.67E-04	2.82E-05	4.33E-05	1.49E-03
605632	4121660	8.11E-05	8.21E-05	8.29E-05	4.57E-06	2.88E-05	2.79E-04	Residence	0.00E+00	0.00E+00	9.50E-08	1.12E-08	0.11	0.00	8.11E-05	8.21E-05	8.29E-05	7.43E-06	2.65E-05	2.80E-04
605652	4121660	8.21E-05	8.31E-05	8.40E-05	4.68E-06	3.02E-05	2.84E-04	Residence	0.00E+00	0.00E+00	9.66E-08	1.14E-08	0.11	0.00	8.21E-05	8.31E-05	8.40E-05	7.61E-06	2.78E-05	2.85E-04
605672	4121660	8.32E-05	8.42E-05	8.51E-05	4.80E-06	3.17E-05	2.89E-04	Residence	0.00E+00	0.00E+00	9.83E-08	1.16E-08	0.11	0.00	8.32E-05	8.42E-05	8.51E-05	7.80E-06	2.91E-05	2.89E-04
605692	4121660	8.42E-05	8.52E-05	8.62E-05	4.91E-06	3.33E-05	2.94E-04	Residence	0.00E+00	0.00E+00	9.99E-08	1.18E-08	0.11	0.00	8.42E-05	8.52E-05	8.62E-05	7.98E-06	3.06E-05	2.94E-04
605712	4121660	8.51E-05	8.62E-05	8.71E-05	5.03E-06	3.50E-05	2.98E-04	Residence	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	8.51E-05	8.62E-05	8.71E-05	8.17E-06	3.22E-05	2.99E-04
605732	4121660	8.61E-05	8.72E-05	8.82E-05	5.14E-06	3.69E-05	3.03E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	8.61E-05	8.72E-05	8.82E-05	8.36E-06	3.39E-05	3.04E-04
605752	4121660	8.72E-05	8.83E-05	8.93E-05	5.26E-06	3.89E-05	3.09E-04	Residence	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	8.72E-05	8.83E-05	8.93E-05	8.55E-06	3.58E-05	3.09E-04
605772	4121660	8.80E-05	8.92E-05	9.02E-05	5.38E-06	4.11E-05	3.14E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00	8.80E-05	8.92E-05	9.02E-05	8.74E-06	3.78E-05	3.14E-04
605792	4121660	8.90E-05	9.02E-05	9.12E-05	5.50E-06	4.35E-05	3.19E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.28E-08	0.12	0.00	8.90E-05	9.02E-05	9.12E-05	8.94E-06	4.00E-05	3.19E-04
605812	4121660	8.97E-05	9.10E-05	9.22E-05	5.62E-06	4.61E-05	3.25E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	8.97E-05	9.10E-05	9.22E-05	9.13E-06	4.24E-05	3.24E-04
605832	4121660	9.04E-05	9.17E-05	9.29E-05	5.75E-06	4.89E-05	3.30E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.33E-08	0.13	0.00	9.04E-05	9.17E-05	9.29E-05	9.34E-06	4.50E-05	3.29E-04
605852	4121660	9.11E-05	9.24E-05	9.36E-05	5.88E-06	5.19E-05	3.35E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	9.11E-05	9.24E-05	9.36E-05	9.55E-06	4.78E-05	3.34E-04
605872	4121660	9.16E-05	9.28E-05	9.39E-05	6.02E-06	5.53E-05	3.40E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	9.16E-05	9.28E-05	9.39E-05	9.78E-06	5.08E-05	3.39E-04
605892	4121660	9.16E-05	9.29E-05	9.39E-05	6.18E-06	5.89E-05	3.43E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	9.16E-05	9.29E-05	9.39E-05	1.00E-05	5.42E-05	3.43E-04
605912	4121660	9.14E-05	9.25E-05	9.34E-05	6.35E-06	6.28E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	9.14E-05	9.25E-05	9.34E-05	1.03E-05	5.78E-05	3.45E-04
605932	4121660	9.12E-05	9.23E-05	9.33E-05	6.56E-06	6.71E-05	3.51E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	9.12E-05	9.23E-05	9.33E-05	1.07E-05	6.17E-05	3.49E-04
605952	4121660	9.10E-05	9.21E-05	9.31E-05	6.82E-06	7.18E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.13	0.00	9.10E-05	9.21E-05	9.31E-05	1.11E-05	6.60E-05	3.53E-04
605972	4121660	9.08E-05	9.19E-05	9.29E-05	7.13E-06	7.68E-05	3.60E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.45E-08	0.14	0.00	9.08E-05	9.19E-05	9.29E-05	1.16E-05	7.07E-05	3.58E-04
605992	4121660	9.08E-05	9.19E-05	9.28E-05	7.53E-06	8.23E-05	3.65E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	9.08E-05	9.19E-05	9.28E-05	1.22E-05	7.57E-05	3.63E-04
606012	4121660	9.10E-05	9.21E-05	9.30E-05	8.03E-06	8.82E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	9.10E-05	9.21E-05	9.30E-05	1.31E-05	8.11E-05	3.70E-04
606032	4121660	9.15E-05	9.25E-05	9.35E-05	8.67E-06	9.45E-05	3.81E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.53E-08	0.14	0.00	9.15E-05	9.25E-05	9.35E-05	1.41E-05	8.70E-05	3.79E-04
606052	4121660	9.21E-05	9.32E-05	9.43E-05	9.47E-06	1.01E-04	3.90E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	9.21E-05	9.32E-05	9.43E-05	1.54E-05	9.32E-05	3.88E-04
606072	4121660	9.30E-05	9.41E-05	9.52E-05	1.04E-05	1.08E-04	4.01E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	9.30E-05	9.41E-05	9.52E-05	1.70E-05	9.97E-05	3.99E-04
606132	4121660	9.86E-05	9.98E-05	1.01E-04	1.51E-05	1.32E-04	4.47E-04	Worker	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	9.86E-05	9.98E-05	1.01E-04	2.45E-05	1.22E-04	4.46E-04
606152	4121660	1.02E-04	1.03E-04	1.05E-04	1.76E-05	1.41E-04	4.69E-04	Worker	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.02E-04	1.03E-04	1.05E-04	2.87E-05	1.30E-04	4.69E-04
606172	4121660	1.07E-04	1.08E-04	1.10E-04	2.11E-05	1.52E-04	4.97E-04	Worker	0.00E+00	0.00E+00	1.69E-07	2.00E-08	0.19	0.00	1.07E-04	1.08E-04	1.10E-04	3.42E-05	1.39E-04	4.98E-04
606192	4121660	1.12E-04	1.13E-04	1.15E-04	2.54E-05	1.63E-04	5.28E-04	Worker	0.00E+00	0.00E+00	1.79E-07	2.12E-08	0.20	0.00	1.12E-04	1.13E-04	1.15E-04	4.13E-05	1.50E-04	5.30E-04
606212	4121660	1.17E-04	1.19E-04	1.21E-04	3.09E-05	1.75E-04	5.64E-04	Residence	0.00E+00	0.00E+00	1.92E-07	2.27E-08	0.21	0.00	1.17E-04	1.19E-04	1.21E-04	5.01E-05	1.61E-04	5.69E-04
606232	4121660	1.24E-04	1.26E-04	1.28E-04	3.73E-05	1.90E-04	6.06E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.24E-04	1.26E-04	1.28E-04	6.06E-05	1.75E-04	6.14E-04
606252	4121660	1.35E-04	1.36E-04	1.39E-04	4.49E-05	2.06E-04	6.61E-04	Residence	0.00E+00	0.00E+00	2.25E-07	2.66E-08	0.25	0.00	1.35E-04	1.36E-04	1.39E-04	7.29E-05	1.90E-04	6.72E-04
606272	4121660	1.49E-04	1.51E-04	1.54E-04	5.36E-05	2.25E-04	7.31E-04	Residence	0.00E+00	0.00E+00	2.49E-07	2.94E-08	0.28	0.00	1.49E-04	1.51E-04	1.54E-04	8.71E-05	2.07E-04	7.47E-04
606292	4121660	1.68E-04	1.70E-04	1.74E-04	6.35E-05	2.45E-04	8.21E-04	Residence	0.00E+00	0.00E+00	2.79E-07	3.30E-08	0.31	0.00	1.68E-04	1.70E-04	1.74E-04	1.03E-04	2.26E-04	8.41E-04
606312	4121660	1.94E-04	1.97E-04	2.02E-04	7.39E-05	2.66E-04	9.33E-04	Residence	0.00E+00	0.00E+00	3.17E-07	3.75E-08	0.35	0.00	1.94E-04	1.97E-04	2.02E-04	1.20E-04	2.44E-04	9.58E-04
606372	4121660	3.30E-04	3.38E-04	3.51E-04	1.00E-04	3.11E-04	1.43E-03	Worker	0.00E+00	0.00E+00	4.86E-07	5.75E-08	0.54	0.00	3.30E-04	3.38E-04	3.51E-04	1.63E-04	2.86E-04	1.47E-03
606452	4121660	6.97E-04	7.26E-04	7.63E-04	1.05E-04	2.99E-04	2.59E-03	Worker	0.00E+00	0.00E+00	8.81E-07	1.04E-07	0.98	0.00	6.97E-04	7.26E-04	7.63E-04	1.70E-04	2.75E-04	2.63E-03
606492	4121660	9.10E-04	9.49E-04	9.91E-04	9.77E-05	2.73E-04	3.22E-03	Residence	0.00E+00	0.00E+00	1.09E-06	1.29E-07	1.22	0.00	9.10E-04	9.49E-04	9.91E-04	1.59E-04	2.51E-04	3.26E-03
606512	4121660	1.00E-03	1.04E-03	1.08E-03	9.34E-05	2.58E-04	3.47E-03	Residence	0.00E+00	0.00E+00	1.18E-06	1.40E-07	1.32	0.00	1.00E-03	1.04E-03	1.08E-03	1.52E-04	2.37E-04	3.51E-03
606532	4121660	1.07E-03	1.11E-03	1.15E-03	8.87E-05	2.42E-04	3.67E-03	Residence	0.00E+00	0.00E+00	1.25E-06	1.47E-07	1.39	0.00	1.07E-03	1.11E-03	1.15E-03	1.44E-04	2.23E-04	3.70E-03
606552	4121660	1.13E-03	1.16E-03	1.20E-03	8.40E-05	2.27E-04	3.80E-03	Residence	0.00E+00	0.00E+00	1.29E-06	1.53E-07	1.45	0.00	1.13E-03	1.16E-03	1.20E-03	1.36E-04	2.09E-04	3.84E-03
606572	4121660	1.16E-03	1.20E-03	1.23E-03	7.92E-05	2.12E-04	3.88E-03	Residence	0.00E+00	0.00E+00	1.32E-06	1.56E-07	1.48	0.00	1.16E-03	1.20E-03	1.23E-03	1.29E-04	1.95E-04	3.91E-03
606592	4121660	1.18E-03	1.21E-03	1.24E-03	7.44E-05	1.98E-04	3.91E-03	Residence	0.00E+00	0.00E+00	1.33E-06	1.57E-07	1.49	0.00	1.18E-03	1.21E-03	1.24E-03	1.21E-04	1.82E-04	3.94E-03
606612	4121660	1.19E-03	1.22E-03	1.24E-03	6.98E-05	1.84E-04	3.90E-03	Residence	0.00E+00	0.00E+00	1.33E-06	1.57E-07	1.48	0.00	1.19E-03	1.22E-03	1.24E-03	1.13E-04	1.69E-04	3.93E-03
606632	4121660	1.18E-03	1.20E-03	1.23E-03	6.52E-05	1.71E-04	3.85E-03	Residence	0.00E+00	0.00E+00	1.31E-06	1.55E-07	1.46	0.00	1.18E-03	1.20E-03	1.23E-03	1.06E-04	1.58E-04	3.87E-03
606652	4121660	1.16E-03	1.18E-03	1.20E-03	6.09E-05	1.59E-04	3.76E-03	Residence	0.00E+00	0.00E+00	1.28E-06	1.51E-07	1.43	0.00	1.16E-03	1.18E-03	1.20E-03	9.90E-05	1.46E-04	3.78E-03
606672	4121660	1.13E-03	1.15E-03	1.16E-03	5.68E-05	1.48E-04	3.65E-03	Residence	0.00E+00	0.00E+00	1.24E-06	1.47E-07	1.39	0.00	1.13E-03	1.15E-03	1.16E-03	9.23E-05	1.36E-04	3.68E-03
606692	4121660	1.10E-03	1.11E-03	1.12E-03	5.29E-05	1.38E-04	3.53E-03	Residence	0.00E+00	0.00E+00	1.20E-06	1.42E-07	1.34	0.00	1.10E-03	1.11E-03	1.12E-03	8.60E-05	1.27E-04	3.55E-03
606712	4121660	1.06E-03	1.07E-03	1.08E-03	4.93E-05	1.28E-04	3.39E-03	Residence	0.00E+00	0.00E+00	1.15E-06	1.36E-07	1.29	0.00	1.06E-03	1.07E-03	1.08E-03	8.01E-05	1.18E-04	3.41E-03
606732	4121660	1.02E-03	1.03E-03	1.03E-03	4.59E-05	1.19E-04	3.24E-03	Residence	0.00E+00	0.00E+00	1.10E-06	1.30E-07	1.23	0.00	1.02E-03	1.03E-03	1.03E-03	7.46E-05	1.10E-04	3.26E-03
606752	4121660	9.76E-04	9.80E-04	9.81E-04	4.28E-05	1.11E-04	3.09E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.18	0.00	9.76E-04	9.80E-04	9.81E-04	6.96E-05	1.02E-04	3.11E-03
606772	4121660	9.35E-04	9.37E-04	9.35E-04	3.99E-05	1.04E-04	2.95E-03	Residence	0.00E+00	0.00E+00	1.00E-06	1.19E-07	1.12	0.00	9.35E-04	9.37E-04	9.35E-04	6.49E-05	9.57E-05	2.97E-03
606992	4121660	5.28E-04	5.23E-04	5.16E-04	1.97E-05	5.33E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.58E-07	6.59E-08	0.62	0.00	5.28E-04	5.23E-04	5.16E-04	3.20E-05	4.91E-05	1.65E-03
607012	4121660	5.03E-04	4.97E-04	4.90E-04	1.86E-05	5.06E-05	1.56E-03	Residence	0.00E+00	0.00E+00	5.30E-07	6.27E-08	0.59	0.00	5.03E-04	4.97E-04	4.90E-04	3.03E-05	4.66E-05	1.57E-03
607032	4121660	4.81E-04	4.75E-04	4.69E-04	1.76E-05	4.81E-05	1.49E-03	Residence	0.00E+00	0.00E+00	5.07E-07	5.99E-08	0.57	0.00	4.81E-04	4.75E-04	4.69E-04	2.87E-05	4.43E-05	1.50E-03
607052	4121660	4.60E-04	4.55E-04	4.49E-04	1.67E-05	4.58E-05	1.43E-03	Residence	0.00E+00	0.00E+00	4.85E-07	5.73E-08	0.54	0.00	4.60E-04	4.55E-04	4.49E-04	2.72E-05	4.21E-05	1.43E-03
605832	4121680	9.44E-05	9.57E-05	9.68E-05	6.42E-06	5.13E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00	9.44E-05	9.57E-05	9.68E-05	1.04E-05	4.72E-05	3.45E-04
605852	4121680	9.52E-05	9.66E-05	9.79E-05	6.58E-06	5.47E-05	3.51E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	9.52E-05	9.66E-05	9.79E-05	1.07E-05	5.03E-05	3.51E-04
605872	4121680	9.55E-05	9.69E-05	9.81E-05	6.75E-06	5.84E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	9.55E-05	9.69E-05	9.81E-05	1.10E-05	5.37E-05	3.55E-04

605892	4121680	9.45E-05	9.58E-05	9.68E-05	6.93E-06	6.24E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	9.45E-05	9.58E-05	9.68E-05	1.13E-05	5.74E-05	3.56E-04
605912	4121680	9.40E-05	9.52E-05	9.62E-05	7.12E-06	6.68E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	9.40E-05	9.52E-05	9.62E-05	1.16E-05	6.14E-05	3.59E-04
605932	4121680	9.39E-05	9.51E-05	9.61E-05	7.34E-06	7.16E-05	3.64E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	9.39E-05	9.51E-05	9.61E-05	1.19E-05	6.59E-05	3.63E-04
605952	4121680	9.40E-05	9.52E-05	9.61E-05	7.61E-06	7.70E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	9.40E-05	9.52E-05	9.61E-05	1.24E-05	7.09E-05	3.68E-04
605972	4121680	9.41E-05	9.53E-05	9.62E-05	7.93E-06	8.29E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	9.41E-05	9.53E-05	9.62E-05	1.29E-05	7.63E-05	3.75E-04
605992	4121680	9.42E-05	9.53E-05	9.63E-05	8.33E-06	8.93E-05	3.83E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	9.42E-05	9.53E-05	9.63E-05	1.35E-05	8.22E-05	3.81E-04
606012	4121680	9.43E-05	9.55E-05	9.66E-05	8.85E-06	9.63E-05	3.92E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	9.43E-05	9.55E-05	9.66E-05	1.44E-05	8.86E-05	3.89E-04
606032	4121680	9.48E-05	9.59E-05	9.71E-05	9.52E-06	1.04E-04	4.01E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	9.48E-05	9.59E-05	9.71E-05	1.55E-05	9.55E-05	3.99E-04
606052	4121680	9.56E-05	9.67E-05	9.79E-05	1.04E-05	1.12E-04	4.13E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.66E-08	0.16	0.00	9.56E-05	9.67E-05	9.79E-05	1.69E-05	1.03E-04	4.10E-04
606072	4121680	9.68E-05	9.80E-05	9.92E-05	1.15E-05	1.21E-04	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	9.68E-05	9.80E-05	9.92E-05	1.86E-05	1.11E-04	4.24E-04
606232	4121680	1.32E-04	1.34E-04	1.37E-04	4.45E-05	2.23E-04	6.70E-04	Worker	0.00E+00	0.00E+00	2.28E-07	2.69E-08	0.25	0.00	1.32E-04	1.34E-04	1.37E-04	7.23E-05	2.06E-04	6.80E-04
606252	4121680	1.42E-04	1.45E-04	1.48E-04	5.43E-05	2.45E-04	7.34E-04	Worker	0.00E+00	0.00E+00	2.50E-07	2.95E-08	0.28	0.00	1.42E-04	1.45E-04	1.48E-04	8.82E-05	2.25E-04	7.49E-04
606272	4121680	1.58E-04	1.61E-04	1.64E-04	6.58E-05	2.70E-04	8.18E-04	Worker	0.00E+00	0.00E+00	2.78E-07	3.29E-08	0.31	0.00	1.58E-04	1.61E-04	1.64E-04	1.07E-04	2.48E-04	8.38E-04
606292	4121680	1.80E-04	1.83E-04	1.87E-04	7.85E-05	2.96E-04	9.24E-04	Worker	0.00E+00	0.00E+00	3.14E-07	3.71E-08	0.35	0.00	1.80E-04	1.83E-04	1.87E-04	1.28E-04	2.72E-04	9.49E-04
606372	4121680	3.63E-04	3.74E-04	3.89E-04	1.20E-04	3.65E-04	1.61E-03	Worker	0.00E+00	0.00E+00	5.47E-07	6.47E-08	0.61	0.00	3.63E-04	3.74E-04	3.89E-04	1.94E-04	3.36E-04	1.66E-03
606392	4121680	4.46E-04	4.62E-04	4.84E-04	1.23E-04	3.65E-04	1.88E-03	Worker	0.00E+00	0.00E+00	6.39E-07	7.56E-08	0.71	0.00	4.46E-04	4.62E-04	4.84E-04	2.00E-04	3.36E-04	1.93E-03
606432	4121680	6.68E-04	6.98E-04	7.36E-04	1.21E-04	3.47E-04	2.57E-03	Residence	0.00E+00	0.00E+00	8.74E-07	1.03E-07	0.98	0.00	6.68E-04	6.98E-04	7.36E-04	1.96E-04	3.19E-04	2.62E-03
606572	4121680	1.28E-03	1.32E-03	1.35E-03	8.30E-05	2.19E-04	4.25E-03	Residence	0.00E+00	0.00E+00	1.44E-06	1.71E-07	1.61	0.00	1.28E-03	1.32E-03	1.35E-03	1.35E-04	2.02E-04	4.28E-03
606592	4121680	1.28E-03	1.32E-03	1.35E-03	7.72E-05	2.03E-04	4.23E-03	Residence	0.00E+00	0.00E+00	1.44E-06	1.70E-07	1.61	0.00	1.28E-03	1.32E-03	1.35E-03	1.25E-04	1.87E-04	4.26E-03
606612	4121680	1.28E-03	1.30E-03	1.33E-03	7.17E-05	1.87E-04	4.17E-03	Residence	0.00E+00	0.00E+00	1.42E-06	1.67E-07	1.58	0.00	1.28E-03	1.30E-03	1.33E-03	1.16E-04	1.72E-04	4.19E-03
606632	4121680	1.25E-03	1.28E-03	1.29E-03	6.64E-05	1.73E-04	4.06E-03	Residence	0.00E+00	0.00E+00	1.38E-06	1.63E-07	1.54	0.00	1.25E-03	1.28E-03	1.29E-03	1.08E-04	1.59E-04	4.09E-03
606652	4121680	1.22E-03	1.24E-03	1.25E-03	6.15E-05	1.60E-04	3.93E-03	Residence	0.00E+00	0.00E+00	1.34E-06	1.58E-07	1.49	0.00	1.22E-03	1.24E-03	1.25E-03	1.00E-04	1.47E-04	3.96E-03
606672	4121680	1.18E-03	1.19E-03	1.20E-03	5.69E-05	1.48E-04	3.78E-03	Residence	0.00E+00	0.00E+00	1.28E-06	1.52E-07	1.44	0.00	1.18E-03	1.19E-03	1.20E-03	9.25E-05	1.36E-04	3.80E-03
606692	4121680	1.13E-03	1.14E-03	1.15E-03	5.27E-05	1.37E-04	3.61E-03	Residence	0.00E+00	0.00E+00	1.23E-06	1.45E-07	1.37	0.00	1.13E-03	1.14E-03	1.15E-03	8.57E-05	1.26E-04	3.63E-03
606712	4121680	1.08E-03	1.09E-03	1.09E-03	4.88E-05	1.27E-04	3.44E-03	Residence	0.00E+00	0.00E+00	1.17E-06	1.38E-07	1.31	0.00	1.08E-03	1.09E-03	1.09E-03	7.93E-05	1.17E-04	3.46E-03
606732	4121680	1.03E-03	1.03E-03	1.03E-03	4.52E-05	1.18E-04	3.26E-03	Residence	0.00E+00	0.00E+00	1.11E-06	1.31E-07	1.24	0.00	1.03E-03	1.03E-03	1.03E-03	7.35E-05	1.08E-04	3.28E-03
606752	4121680	9.81E-04	9.81E-04	9.77E-04	4.20E-05	1.10E-04	3.09E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.17	0.00	9.81E-04	9.81E-04	9.77E-04	6.82E-05	1.01E-04	3.11E-03
606772	4121680	9.34E-04	9.32E-04	9.26E-04	3.90E-05	1.02E-04	2.93E-03	Residence	0.00E+00	0.00E+00	9.98E-07	1.18E-07	1.12	0.00	9.34E-04	9.32E-04	9.26E-04	6.34E-05	9.39E-05	2.95E-03
606992	4121680	5.08E-04	5.01E-04	4.93E-04	1.89E-05	5.18E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.35E-07	6.32E-08	0.60	0.00	5.08E-04	5.01E-04	4.93E-04	3.08E-05	4.76E-05	1.58E-03
607012	4121680	4.82E-04	4.76E-04	4.69E-04	1.79E-05	4.91E-05	1.49E-03	Residence	0.00E+00	0.00E+00	5.08E-07	6.01E-08	0.57	0.00	4.82E-04	4.76E-04	4.69E-04	2.91E-05	4.52E-05	1.50E-03
607032	4121680	4.61E-04	4.55E-04	4.48E-04	1.69E-05	4.67E-05	1.43E-03	Residence	0.00E+00	0.00E+00	4.85E-07	5.74E-08	0.54	0.00	4.61E-04	4.55E-04	4.48E-04	2.75E-05	4.30E-05	1.43E-03
607052	4121680	4.41E-04	4.35E-04	4.29E-04	1.60E-05	4.45E-05	1.37E-03	Residence	0.00E+00	0.00E+00	4.64E-07	5.49E-08	0.52	0.00	4.41E-04	4.35E-04	4.29E-04	2.61E-05	4.09E-05	1.37E-03
605632	4121700	8.80E-05	8.91E-05	9.00E-05	5.36E-06	3.06E-05	3.03E-04	Residence	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	8.80E-05	8.91E-05	9.00E-05	8.72E-06	2.81E-05	3.04E-04
605652	4121700	8.94E-05	9.05E-05	9.15E-05	5.53E-06	3.21E-05	3.09E-04	Residence	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	8.94E-05	9.05E-05	9.15E-05	8.99E-06	2.96E-05	3.10E-04
605672	4121700	9.04E-05	9.15E-05	9.26E-05	5.70E-06	3.38E-05	3.14E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00	9.04E-05	9.15E-05	9.26E-05	9.26E-06	3.11E-05	3.15E-04
605692	4121700	9.16E-05	9.27E-05	9.38E-05	5.87E-06	3.56E-05	3.20E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.28E-08	0.12	0.00	9.16E-05	9.27E-05	9.38E-05	9.55E-06	3.28E-05	3.20E-04
605712	4121700	9.26E-05	9.39E-05	9.50E-05	6.05E-06	3.76E-05	3.25E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.31E-08	0.12	0.00	9.26E-05	9.39E-05	9.50E-05	9.84E-06	3.46E-05	3.26E-04
605732	4121700	9.40E-05	9.53E-05	9.64E-05	6.24E-06	3.97E-05	3.32E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.33E-08	0.13	0.00	9.40E-05	9.53E-05	9.64E-05	1.01E-05	3.66E-05	3.32E-04
605752	4121700	9.49E-05	9.62E-05	9.73E-05	6.43E-06	4.21E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.35E-08	0.13	0.00	9.49E-05	9.62E-05	9.73E-05	1.04E-05	3.87E-05	3.38E-04
605772	4121700	9.60E-05	9.74E-05	9.86E-05	6.62E-06	4.46E-05	3.43E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	9.60E-05	9.74E-05	9.86E-05	1.08E-05	4.11E-05	3.44E-04
605792	4121700	9.69E-05	9.82E-05	9.94E-05	6.81E-06	4.74E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	9.69E-05	9.82E-05	9.94E-05	1.11E-05	4.36E-05	3.49E-04
605832	4121700	9.85E-05	9.99E-05	1.01E-04	7.21E-06	5.38E-05	3.61E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.45E-08	0.14	0.00	9.85E-05	9.99E-05	1.01E-04	1.17E-05	4.95E-05	3.61E-04
605852	4121700	9.96E-05	1.01E-04	1.02E-04	7.41E-06	5.76E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	9.96E-05	1.01E-04	1.02E-04	1.20E-05	5.30E-05	3.68E-04
605872	4121700	9.97E-05	1.01E-04	1.02E-04	7.62E-06	6.17E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	9.97E-05	1.01E-04	1.02E-04	1.24E-05	5.67E-05	3.72E-04
605892	4121700	9.85E-05	9.98E-05	1.01E-04	7.84E-06	6.61E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	9.85E-05	9.98E-05	1.01E-04	1.27E-05	6.08E-05	3.73E-04
605912	4121700	9.77E-05	9.91E-05	1.00E-04	8.06E-06	7.11E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	9.77E-05	9.91E-05	1.00E-04	1.31E-05	6.54E-05	3.75E-04
605932	4121700	9.78E-05	9.91E-05	1.00E-04	8.31E-06	7.66E-05	3.82E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	9.78E-05	9.91E-05	1.00E-04	1.35E-05	7.05E-05	3.81E-04
605952	4121700	9.75E-05	9.88E-05	9.99E-05	8.60E-06	8.27E-05	3.87E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	9.75E-05	9.88E-05	9.99E-05	1.40E-05	7.61E-05	3.86E-04
605972	4121700	9.75E-05	9.88E-05	9.99E-05	8.93E-06	8.95E-05	3.95E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.59E-08	0.15	0.00	9.75E-05	9.88E-05	9.99E-05	1.45E-05	8.24E-05	3.93E-04
605992	4121700	9.75E-05	9.88E-05	9.99E-05	9.35E-06	9.71E-05	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	9.75E-05	9.88E-05	9.99E-05	1.52E-05	8.93E-05	4.01E-04
606012	4121700	9.78E-05	9.90E-05	1.00E-04	9.88E-06	1.05E-04	4.12E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.66E-08	0.16	0.00	9.78E-05	9.90E-05	1.00E-04	1.61E-05	9.69E-05	4.10E-04
606032	4121700	9.85E-05	9.98E-05	1.01E-04	1.06E-05	1.14E-04	4.24E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.71E-08	0.16	0.00	9.85E-05	9.98E-05	1.01E-04	1.72E-05	1.05E-04	4.22E-04
606052	4121700	9.94E-05	1.01E-04	1.02E-04	1.15E-05	1.24E-04	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	9.94E-05	1.01E-04	1.02E-04	1.87E-05	1.14E-04	4.35E-04
606072	4121700	1.01E-04	1.02E-04	1.04E-04	1.27E-05	1.35E-04	4.54E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.83E-08	0.17	0.00	1.01E-04	1.02E-04	1.04E-04	2.06E-05	1.24E-04	4.51E-04
606152	4121700	1.13E-04	1.15E-04	1.17E-04	2.24E-05	1.87E-04	5.53E-04	Worker	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.13E-04	1.15E-04	1.17E-04	3.64E-05	1.72E-04	5.52E-04
606172	4121700	1.18E-04	1.20E-04	1.23E-04	2.75E-05	2.03E-04	5.91E-04	Worker	0.00E+00	0.00E+00	2.01E-07	2.37E-08	0.22	0.00	1.18E-04	1.20E-04	1.23E-04	4.46E-05	1.86E-04	5.92E-04
606192	4121700	1.24E-04	1.26E-04	1.29E-04	3.42E-05	2.21E-04	6.33E-04	Worker	0.00E+00	0.00E+00	2.15E-07	2.55E-08	0.24	0.00	1.24E-04	1.26E-04	1.29E-04	5.56E-05	2.03E-04	6.37E-04
606212	4121700	1.31E-04	1.33E-04	1.36E-04	4.30E-05	2.42E-04	6.85E-04	Worker	0.00E+00	0.00E+00	2.33E-07	2.75E-08	0.26	0.00	1.31E-04	1.33E-04	1.36E-04	6.99E-05	2.23E-04	6.92E-04
606232	4121700	1.40E-04	1.42E-04	1.46E-04	5.39E-05	2.67E-04	7.48E-04	Worker	0.00E+00	0.00E+00	2.54E-07	3.01E-08	0.28	0.00	1.40E-04	1.42E-04	1.46E-04	8.75E-05	2.45E-04	7.61E-04
606252	4121700	1.51E-04	1.54E-04	1.58E-04	6.69E-05	2.95E-04	8.25E-04	Worker	0.00E+00	0.00E+00	2.81E-07	3.32E-08	0.31	0.00	1.51E-04	1.54E-04	1.58E-04	1.09E-04	2.72E-04	8.44E-04
606272	4121700	1.68E-04	1.71E-04	1.75E-04	8.20E-05	3.28E-04	9.24E-04	Worker	0.00E+00	0.00E+00	3.14E-07	3.71E-08	0.35	0.00	1.68E-04	1.71E-04	1.75E-04	1.33E-04	3.02E-04	9.49E-04
606292	4121700	1.91E-04	1.95E-04	2.00E-04	9.86E-05	3.62E-04	1.05E-03	Worker	0.00E+00	0.00E+00	3.56E-07	4.21E-08	0.40	0.00	1.91E-04	1.95E-04	2.00E-04	1.60E-04	3.33E-04	1.08E-03
606372	4121700	4.04E-04	4.19E-04	4.38E-04	1.43E-04	4.30E-04	1.83E-03	Worker	0.00E+00	0.00E+00	6.24E-07	7.37E-08	0.70	0.00	4.04E-04	4.19E-04	4.38E-04	2.32E-04	3.96E-04	1.89E-03
606392	4121700	5.06E-04	5.27E-04	5.55E-04	1.44E-04	4.23E-04	2.16E-03	Worker	0.00E+00	0.00E+00	7.33E-07	8.66E-08	0.82	0.00	5.06E-04	5.27E-04	5.55E-04	2.34E-04	3.89E-04	2.21E-03
606432	4121700	7.79E-04	8.19E-04	8.68E-04	1.37E-04	3.88E-04	2.99E-03	Residence	0.00E+00	0.00E+00	1.02E-06	1.20E-07	1.14	0.00	7.79E-04	8.19E-04	8.68E-04	2.23E-04	3.57E-04	3.04E-03
606472	4121700	1.08E-03	1.13E-03	1.19E-03	1.24E-04	3.40E-04	3.86E-03	Residence	0.00E+00	0.00E+00	1.31E-06	1.55E-07	1.47	0.00	1.08E-03	1.13E-03	1.19E-03	2.01E-04	3.13E-04	3.92E-03
606492	4121700	1.20E-03	1.25E-03	1.31E-03	1.16E-04	3.15E-04	4.20E-03	Residence	0.00E+00	0.00E+00	1.43E-06	1.69E-07	1.60	0.00	1.20E-03	1.25E-03	1.31E-03	1.89E-04	2.90E-04	4.24E-03
606512	4121700	1.29E-03	1.35E-03	1.40E-03	1.08E-04	2.90E-04	4.44E-03	Residence	0.00E+00	0.00E+00	1.51E-06	1.78E-07	1.69	0.00	1.29E-03	1.35E-03	1.40E-03	1.76E-04	2.67E-04	4.48E-03
606532	4121700	1.36E-03	1.41E-03	1.46E-03	1.01E-04	2.67E-04	4.59E-03	Residence	0.00E+00	0.00E+00	1.56E-06	1.85E-07	1.75	0.00	1.36E-03	1.41E-03	1.46E-03	1.63E-04	2.46E-04	4.63E-03
606692	4121700	1.15E-03	1.16E-03	1.15E-03	5.19E-05	1.35E-04	3.65E-03	Residence	0.00E+00	0.00E+00	1.24E-06	1.47E-07	1.39	0.00	1.15E-03	1.16E-03	1.15E-03	8.43E-05	1.24E-04	3.67E-03
606712	4121700	1.09E-03	1.09E-03	1.09E-03	4.78E-05	1.25E-04	3.45E-03	Residence	0.00E+00	0.00E+00	1.17E-06	1.39E-07	1.31	0.00	1.09E-03	1.09E-03	1.09E-03	7.77E-05	1.15E-04	3.47E-03
606732	4121700	1.03E-03	1.03E-03	1.02E-03	4.41E-05	1.15E-04	3.25E-03	Residence	0.00E+00	0.00E+00	1.10E-06	1.31E-07	1.24	0.00	1.03E-03	1.03E-03	1.02E-03	7.17E-05	1.06E-04	3.27E-03
606752	4121700	9.75E-04	9.70E-04	9.62E-04	4.08E-05	1.07E-04	3.05E-03	Residence	0.00E+00	0.00E+00	1.04E-06	1.23E-07	1.16	0.00	9.75E-04	9.70E-04	9.62E-04	6.63E-05	9.85E-05	3.07E-03
606772	4121700	9.20E-04	9.14E-04	9.04E-04	3.78E-05	9.95E-05	2.88E-03	Residence	0.00E+00	0.00E+00	9.78E-07	1.16E-07	1.09	0.00	9.20E-04	9.14E-04	9.04E-04	6.14E-05	9.15E-05	2.89E-03
606992	4121700	4.84E-04	4.77E-04	4.69E-04	1.81E-05	5.02E-05	1.50E-03	Residence	0.00E+00	0.00E+00	5.09E-07	6.02E-08	0.57	0.00	4.84E-04	4.77E-04	4.69E-04	2.94E-05	4.62E-05	1.51E-03
607012	4121700	4.59E-04	4.53E-04	4.45E-04	1.71E-05	4.76E-05	1.42E-03	Residence	0.00E+00	0.00E+00	4.83E-07	5.71E-08	0.54	0.00	4.59E-04	4.53E-04	4.45E-04	2.78E-05	4.38E-05	1.43E-03
607032	4121700	4.39E-04	4.32E-04	4.25E-04	1.62E-05	4.53E-05	1.36E-03	Residence	0.00E+00	0.00E+00	4.62E-07	5.46E-08	0.52	0.00	4.39E-04	4.32E-04	4.25E-04	2.63E-05	4.17E-05	1.36E-03
607052	4121700	4.21E-04	4.15E-04	4.08E-04	1.54E-05	4.31E-05	1.30E-03	Residence	0.00E+00	0.00E+00	4.43E-07	5.23E-08	0.49	0.00	4.21E-04	4.15E-04	4.08E-04	2.50E-05	3.97E-05	1.31E-03
605632	4121720	9.16E-05	9.28E-05	9.38E-05	5.80E-06	3.15E-05	3.16E-04	Residence	0.00E+00	0.00E+00	1.07E-07	1.27E-08	0.12	0.00	9.16E-05	9.28E-05	9.38E-05	9.42E-06	2.90E-05	3.17E-04
605652	4121720	9.29E-05	9.41E-05	9.52E-05	6.00E-06	3.31E-05	3.21E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.29E-08	0.12	0.00	9.29E-05	9.41E-05	9.52E-05	9.74E-06	3.05E-05	3.22E-04
605672	4121720	9.43E-05	9.56E-05	9.67E-05	6.20E-06	3.49E-05	3.28E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.32E-08	0.12	0.00	9.43E-05	9.56E-05	9.67E-05	1.01E-05	3.21E-05	3.29E-04
605692	4121720	9.59E-05	9.72E-05	9.83E-05	6.42E-06	3.69E-05	3.35E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	9.59E-05	9.72E-05	9.83E-05	1.04E-05	3.39E-05	3.36E-04
605712	4121720	9.72E-05	9.85E-05	9.97E-05	6.64E-06	3.89E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	9.72E-05	9.85E-05	9.97E-05	1.08E-05	3.58E-05	3.42E-04

605732	4121720	9.84E-05	9.98E-05	1.01E-04	6.87E-06	4.12E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.40E-08	0.13	0.00	9.84E-05	9.98E-05	1.01E-04	1.12E-05	3.79E-05	3.48E-04
605752	4121720	9.96E-05	1.01E-04	1.02E-04	7.10E-06	4.37E-05	3.54E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	9.96E-05	1.01E-04	1.02E-04	1.15E-05	4.02E-05	3.55E-04
605772	4121720	1.01E-04	1.02E-04	1.04E-04	7.35E-06	4.65E-05	3.60E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.45E-08	0.14	0.00	1.01E-04	1.02E-04	1.04E-04	1.19E-05	4.28E-05	3.61E-04
605792	4121720	1.01E-04	1.03E-04	1.04E-04	7.60E-06	4.95E-05	3.65E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	1.01E-04	1.03E-04	1.04E-04	1.23E-05	4.55E-05	3.66E-04
605832	4121720	1.03E-04	1.04E-04	1.06E-04	8.11E-06	5.65E-05	3.78E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.03E-04	1.04E-04	1.06E-04	1.32E-05	5.20E-05	3.78E-04
605852	4121720	1.04E-04	1.06E-04	1.07E-04	8.38E-06	6.06E-05	3.86E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.04E-04	1.06E-04	1.07E-04	1.36E-05	5.57E-05	3.86E-04
605872	4121720	1.04E-04	1.06E-04	1.07E-04	8.65E-06	6.51E-05	3.91E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.04E-04	1.06E-04	1.07E-04	1.41E-05	5.99E-05	3.91E-04
605892	4121720	1.03E-04	1.04E-04	1.06E-04	8.93E-06	7.01E-05	3.92E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.03E-04	1.04E-04	1.06E-04	1.45E-05	6.45E-05	3.92E-04
605912	4121720	1.03E-04	1.04E-04	1.06E-04	9.22E-06	7.57E-05	3.98E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.03E-04	1.04E-04	1.06E-04	1.50E-05	6.97E-05	3.98E-04
605932	4121720	1.03E-04	1.05E-04	1.06E-04	9.52E-06	8.20E-05	4.05E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.03E-04	1.05E-04	1.06E-04	1.55E-05	7.55E-05	4.05E-04
605952	4121720	1.03E-04	1.04E-04	1.06E-04	9.85E-06	8.90E-05	4.12E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.03E-04	1.04E-04	1.06E-04	1.60E-05	8.19E-05	4.11E-04
605972	4121720	1.02E-04	1.04E-04	1.05E-04	1.02E-05	9.69E-05	4.19E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.02E-04	1.04E-04	1.05E-04	1.66E-05	8.91E-05	4.18E-04
605992	4121720	1.02E-04	1.04E-04	1.05E-04	1.07E-05	1.06E-04	4.28E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.72E-08	0.16	0.00	1.02E-04	1.04E-04	1.05E-04	1.73E-05	9.72E-05	4.26E-04
606012	4121720	1.02E-04	1.04E-04	1.05E-04	1.12E-05	1.16E-04	4.39E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.02E-04	1.04E-04	1.05E-04	1.82E-05	1.06E-04	4.36E-04
606032	4121720	1.03E-04	1.05E-04	1.06E-04	1.19E-05	1.26E-04	4.52E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.03E-04	1.05E-04	1.06E-04	1.94E-05	1.16E-04	4.49E-04
606052	4121720	1.03E-04	1.05E-04	1.07E-04	1.29E-05	1.39E-04	4.67E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.03E-04	1.05E-04	1.07E-04	2.09E-05	1.27E-04	4.64E-04
606072	4121720	1.05E-04	1.07E-04	1.08E-04	1.42E-05	1.52E-04	4.86E-04	Residence	0.00E+00	0.00E+00	1.65E-07	1.95E-08	0.18	0.00	1.05E-04	1.07E-04	1.08E-04	2.30E-05	1.40E-04	4.83E-04
606132	4121720	1.15E-04	1.17E-04	1.19E-04	2.13E-05	2.00E-04	5.71E-04	Worker	0.00E+00	0.00E+00	1.94E-07	2.29E-08	0.22	0.00	1.15E-04	1.17E-04	1.19E-04	3.45E-05	1.84E-04	5.68E-04
606152	4121720	1.19E-04	1.22E-04	1.24E-04	2.56E-05	2.18E-04	6.09E-04	Worker	0.00E+00	0.00E+00	2.07E-07	2.45E-08	0.23	0.00	1.19E-04	1.22E-04	1.24E-04	4.16E-05	2.01E-04	6.07E-04
606172	4121720	1.25E-04	1.28E-04	1.31E-04	3.18E-05	2.39E-04	6.55E-04	Worker	0.00E+00	0.00E+00	2.23E-07	2.63E-08	0.25	0.00	1.25E-04	1.28E-04	1.31E-04	5.18E-05	2.20E-04	6.56E-04
606192	4121720	1.32E-04	1.35E-04	1.38E-04	4.05E-05	2.63E-04	7.08E-04	Worker	0.00E+00	0.00E+00	2.41E-07	2.85E-08	0.27	0.00	1.32E-04	1.35E-04	1.38E-04	6.59E-05	2.42E-04	7.13E-04
606212	4121720	1.40E-04	1.43E-04	1.47E-04	5.21E-05	2.91E-04	7.73E-04	Worker	0.00E+00	0.00E+00	2.63E-07	3.11E-08	0.29	0.00	1.40E-04	1.43E-04	1.47E-04	8.47E-05	2.68E-04	7.82E-04
606232	4121720	1.50E-04	1.53E-04	1.58E-04	6.67E-05	3.25E-04	8.52E-04	Worker	0.00E+00	0.00E+00	2.90E-07	3.43E-08	0.32	0.00	1.50E-04	1.53E-04	1.58E-04	1.08E-04	2.99E-04	8.68E-04
606252	4121720	1.62E-04	1.67E-04	1.72E-04	8.44E-05	3.64E-04	9.49E-04	Worker	0.00E+00	0.00E+00	3.23E-07	3.81E-08	0.36	0.00	1.62E-04	1.67E-04	1.72E-04	1.37E-04	3.35E-04	9.73E-04
606272	4121720	1.80E-04	1.84E-04	1.90E-04	1.05E-04	4.08E-04	1.07E-03	Worker	0.00E+00	0.00E+00	3.63E-07	4.29E-08	0.41	0.00	1.80E-04	1.84E-04	1.90E-04	1.70E-04	3.75E-04	1.10E-03
606292	4121720	2.06E-04	2.11E-04	2.18E-04	1.26E-04	4.52E-04	1.21E-03	Worker	0.00E+00	0.00E+00	4.12E-07	4.87E-08	0.46	0.00	2.06E-04	2.11E-04	2.18E-04	2.05E-04	4.16E-04	1.25E-03
606372	4121720	4.59E-04	4.78E-04	5.04E-04	1.71E-04	5.07E-04	2.12E-03	Worker	0.00E+00	0.00E+00	7.21E-07	8.52E-08	0.81	0.00	4.59E-04	4.78E-04	5.04E-04	2.78E-04	4.67E-04	2.19E-03
606392	4121720	5.87E-04	6.15E-04	6.53E-04	1.69E-04	4.89E-04	2.51E-03	Worker	0.00E+00	0.00E+00	8.54E-07	1.01E-07	0.96	0.00	5.87E-04	6.15E-04	6.53E-04	2.75E-04	4.50E-04	2.58E-03
606432	4121720	9.24E-04	9.77E-04	1.04E-03	1.54E-04	4.29E-04	3.53E-03	Residence	0.00E+00	0.00E+00	1.20E-06	1.42E-07	1.34	0.00	9.24E-04	9.77E-04	1.04E-03	2.51E-04	3.95E-04	3.59E-03
606472	4121720	1.26E-03	1.33E-03	1.40E-03	1.35E-04	3.63E-04	4.48E-03	Residence	0.00E+00	0.00E+00	1.52E-06	1.80E-07	1.70	0.00	1.26E-03	1.33E-03	1.40E-03	2.19E-04	3.34E-04	4.54E-03
606492	4121720	1.38E-03	1.45E-03	1.51E-03	1.24E-04	3.31E-04	4.79E-03	Residence	0.00E+00	0.00E+00	1.63E-06	1.93E-07	1.82	0.00	1.38E-03	1.45E-03	1.51E-03	2.02E-04	3.05E-04	4.84E-03
606512	4121720	1.46E-03	1.52E-03	1.58E-03	1.14E-04	3.01E-04	4.98E-03	Residence	0.00E+00	0.00E+00	1.69E-06	2.00E-07	1.89	0.00	1.46E-03	1.52E-03	1.58E-03	1.85E-04	2.77E-04	5.02E-03
606532	4121720	1.51E-03	1.57E-03	1.61E-03	1.05E-04	2.74E-04	5.07E-03	Residence	0.00E+00	0.00E+00	1.72E-06	2.04E-07	1.93	0.00	1.51E-03	1.57E-03	1.61E-03	1.70E-04	2.52E-04	5.12E-03
606552	4121720	1.52E-03	1.57E-03	1.60E-03	9.54E-05	2.49E-04	5.04E-03	Residence	0.00E+00	0.00E+00	1.71E-06	2.02E-07	1.92	0.00	1.52E-03	1.57E-03	1.60E-03	1.55E-04	2.29E-04	5.08E-03
606572	4121720	1.50E-03	1.54E-03	1.56E-03	8.69E-05	2.26E-04	4.92E-03	Residence	0.00E+00	0.00E+00	1.67E-06	1.98E-07	1.87	0.00	1.50E-03	1.54E-03	1.56E-03	1.41E-04	2.08E-04	4.95E-03
606592	4121720	1.47E-03	1.49E-03	1.51E-03	7.92E-05	2.05E-04	4.76E-03	Residence	0.00E+00	0.00E+00	1.62E-06	1.91E-07	1.81	0.00	1.47E-03	1.49E-03	1.51E-03	1.29E-04	1.89E-04	4.79E-03
606612	4121720	1.42E-03	1.44E-03	1.45E-03	7.23E-05	1.87E-04	4.57E-03	Residence	0.00E+00	0.00E+00	1.56E-06	1.84E-07	1.74	0.00	1.42E-03	1.44E-03	1.45E-03	1.17E-04	1.72E-04	4.60E-03
606632	4121720	1.36E-03	1.37E-03	1.37E-03	6.59E-05	1.71E-04	4.35E-03	Residence	0.00E+00	0.00E+00	1.48E-06	1.75E-07	1.65	0.00	1.36E-03	1.37E-03	1.37E-03	1.07E-04	1.57E-04	4.37E-03
606652	4121720	1.29E-03	1.30E-03	1.29E-03	6.02E-05	1.56E-04	4.10E-03	Residence	0.00E+00	0.00E+00	1.39E-06	1.65E-07	1.56	0.00	1.29E-03	1.30E-03	1.29E-03	9.78E-05	1.44E-04	4.13E-03
606672	4121720	1.22E-03	1.22E-03	1.22E-03	5.50E-05	1.43E-04	3.86E-03	Residence	0.00E+00	0.00E+00	1.31E-06	1.55E-07	1.47	0.00	1.22E-03	1.22E-03	1.22E-03	8.94E-05	1.32E-04	3.88E-03
606692	4121720	1.15E-03	1.15E-03	1.14E-03	5.04E-05	1.32E-04	3.63E-03	Residence	0.00E+00	0.00E+00	1.23E-06	1.46E-07	1.38	0.00	1.15E-03	1.15E-03	1.14E-03	8.19E-05	1.21E-04	3.65E-03
606712	4121720	1.08E-03	1.08E-03	1.07E-03	4.63E-05	1.21E-04	3.40E-03	Residence	0.00E+00	0.00E+00	1.15E-06	1.37E-07	1.29	0.00	1.08E-03	1.08E-03	1.07E-03	7.52E-05	1.12E-04	3.42E-03
606732	4121720	1.02E-03	1.01E-03	9.96E-04	4.25E-05	1.12E-04	3.18E-03	Residence	0.00E+00	0.00E+00	1.08E-06	1.28E-07	1.21	0.00	1.02E-03	1.01E-03	9.96E-04	6.91E-05	1.03E-04	3.19E-03
606752	4121720	9.53E-04	9.43E-04	9.30E-04	3.92E-05	1.04E-04	2.97E-03	Residence	0.00E+00	0.00E+00	1.01E-06	1.19E-07	1.13	0.00	9.53E-04	9.43E-04	9.30E-04	6.37E-05	9.55E-05	2.99E-03
606772	4121720	8.94E-04	8.83E-04	8.70E-04	3.62E-05	9.64E-05	2.78E-03	Residence	0.00E+00	0.00E+00	9.45E-07	1.12E-07	1.06	0.00	8.94E-04	8.83E-04	8.70E-04	5.89E-05	8.87E-05	2.79E-03
606992	4121720	4.59E-04	4.51E-04	4.43E-04	1.73E-05	4.85E-05	1.42E-03	Residence	0.00E+00	0.00E+00	4.82E-07	5.70E-08	0.54	0.00	4.59E-04	4.51E-04	4.43E-04	2.81E-05	4.46E-05	1.43E-03
607012	4121720	4.37E-04	4.29E-04	4.22E-04	1.63E-05	4.61E-05	1.35E-03	Residence	0.00E+00	0.00E+00	4.59E-07	5.43E-08	0.51	0.00	4.37E-04	4.29E-04	4.22E-04	2.66E-05	4.24E-05	1.36E-03
607032	4121720	4.18E-04	4.11E-04	4.04E-04	1.55E-05	4.38E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.39E-07	5.19E-08	0.49	0.00	4.18E-04	4.11E-04	4.04E-04	2.52E-05	4.03E-05	1.30E-03
607052	4121720	3.99E-04	3.93E-04	3.86E-04	1.47E-05	4.18E-05	1.23E-03	Residence	0.00E+00	0.00E+00	4.20E-07	4.96E-08	0.47	0.00	3.99E-04	3.93E-04	3.86E-04	2.39E-05	3.84E-05	1.24E-03
605632	4121740	9.49E-05	9.61E-05	9.73E-05	6.26E-06	3.25E-05	3.27E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.31E-08	0.12	0.00	9.49E-05	9.61E-05	9.73E-05	1.02E-05	2.99E-05	3.28E-04
605652	4121740	9.62E-05	9.75E-05	9.86E-05	6.49E-06	3.42E-05	3.33E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.34E-08	0.13	0.00	9.62E-05	9.75E-05	9.86E-05	1.05E-05	3.14E-05	3.34E-04
605672	4121740	9.80E-05	9.93E-05	1.00E-04	6.74E-06	3.61E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	9.80E-05	9.93E-05	1.00E-04	1.09E-05	3.32E-05	3.42E-04
605692	4121740	9.99E-05	1.01E-04	1.03E-04	7.00E-06	3.81E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	9.99E-05	1.01E-04	1.03E-04	1.14E-05	3.51E-05	3.50E-04
605712	4121740	1.01E-04	1.03E-04	1.04E-04	7.27E-06	4.03E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.01E-04	1.03E-04	1.04E-04	1.18E-05	3.71E-05	3.57E-04
605732	4121740	1.02E-04	1.04E-04	1.05E-04	7.55E-06	4.28E-05	3.61E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.45E-08	0.14	0.00	1.02E-04	1.04E-04	1.05E-04	1.23E-05	3.93E-05	3.62E-04
605752	4121740	1.04E-04	1.05E-04	1.06E-04	7.84E-06	4.54E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	1.04E-04	1.05E-04	1.06E-04	1.27E-05	4.18E-05	3.70E-04
605772	4121740	1.05E-04	1.07E-04	1.08E-04	8.15E-06	4.84E-05	3.77E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.05E-04	1.07E-04	1.08E-04	1.32E-05	4.45E-05	3.79E-04
605792	4121740	1.06E-04	1.08E-04	1.09E-04	8.47E-06	5.16E-05	3.83E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	1.06E-04	1.08E-04	1.09E-04	1.38E-05	4.75E-05	3.84E-04
605832	4121740	1.08E-04	1.09E-04	1.11E-04	9.15E-06	5.92E-05	3.96E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.59E-08	0.15	0.00	1.08E-04	1.09E-04	1.11E-04	1.49E-05	5.45E-05	3.97E-04
605852	4121740	1.09E-04	1.11E-04	1.12E-04	9.50E-06	6.37E-05	4.05E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.09E-04	1.11E-04	1.12E-04	1.54E-05	5.86E-05	4.06E-04
605872	4121740	1.09E-04	1.11E-04	1.12E-04	9.86E-06	6.87E-05	4.10E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.65E-08	0.16	0.00	1.09E-04	1.11E-04	1.12E-04	1.60E-05	6.32E-05	4.11E-04
605892	4121740	1.07E-04	1.09E-04	1.10E-04	1.02E-05	7.42E-05	4.11E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.07E-04	1.09E-04	1.10E-04	1.66E-05	6.83E-05	4.12E-04
605912	4121740	1.07E-04	1.09E-04	1.10E-04	1.06E-05	8.05E-05	4.18E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.07E-04	1.09E-04	1.10E-04	1.73E-05	7.41E-05	4.18E-04
605932	4121740	1.08E-04	1.10E-04	1.11E-04	1.10E-05	8.77E-05	4.27E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.72E-08	0.16	0.00	1.08E-04	1.10E-04	1.11E-04	1.79E-05	8.07E-05	4.27E-04
605952	4121740	1.08E-04	1.09E-04	1.11E-04	1.14E-05	9.57E-05	4.35E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.08E-04	1.09E-04	1.11E-04	1.86E-05	8.81E-05	4.34E-04
605972	4121740	1.07E-04	1.09E-04	1.11E-04	1.19E-05	1.05E-04	4.44E-04	Worker	0.00E+00	0.00E+00	1.51E-07	1.78E-08	0.17	0.00	1.07E-04	1.09E-04	1.11E-04	1.93E-05	9.64E-05	4.43E-04
605992	4121740	1.07E-04	1.09E-04	1.11E-04	1.24E-05	1.15E-04	4.54E-04	Worker	0.00E+00	0.00E+00	1.54E-07	1.83E-08	0.17	0.00	1.07E-04	1.09E-04	1.11E-04	2.01E-05	1.06E-04	4.53E-04
606012	4121740	1.07E-04	1.09E-04	1.11E-04	1.30E-05	1.27E-04	4.67E-04	Worker	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.07E-04	1.09E-04	1.11E-04	2.11E-05	1.17E-04	4.65E-04
606032	4121740	1.08E-04	1.10E-04	1.11E-04	1.37E-05	1.40E-04	4.83E-04	Worker	0.00E+00	0.00E+00	1.64E-07	1.94E-08	0.18	0.00	1.08E-04	1.10E-04	1.11E-04	2.23E-05	1.29E-04	4.80E-04
606052	4121740	1.09E-04	1.11E-04	1.13E-04	1.47E-05	1.55E-04	5.02E-04	Worker	0.00E+00	0.00E+00	1.71E-07	2.02E-08	0.19	0.00	1.09E-04	1.11E-04	1.13E-04	2.39E-05	1.43E-04	4.99E-04
606072	4121740	1.10E-04	1.12E-04	1.14E-04	1.61E-05	1.72E-04	5.25E-04	Worker	0.00E+00	0.00E+00	1.79E-07	2.11E-08	0.20	0.00	1.10E-04	1.12E-04	1.14E-04	2.62E-05	1.58E-04	5.21E-04
606392	4121740	6.97E-04	7.37E-04	7.90E-04	1.97E-04	5.59E-04	2.98E-03	Worker	0.00E+00	0.00E+00	1.01E-06	1.20E-07	1.13	0.00	6.97E-04	7.37E-04	7.90E-04	3.20E-04	5.14E-04	3.06E-03
606432	4121740	1.12E-03	1.19E-03	1.27E-03	1.72E-04	4.68E-04	4.21E-03	Residence	0.00E+00	0.00E+00	1.43E-06	1.69E-07	1.60	0.00	1.12E-03	1.19E-03	1.27E-03	2.79E-04	4.31E-04	4.28E-03
606472	4121740	1.48E-03	1.56E-03	1.64E-03	1.44E-04	3.82E-04	5.21E-03	Residence	0.00E+00	0.00E+00	1.77E-06	2.09E-07	1.98	0.00	1.48E-03	1.56E-03	1.64E-03	2.34E-04	3.51E-04	5.27E-03
606492	4121740	1.59E-03	1.66E-03	1.73E-03	1.30E-04	3.42E-04	5.46E-03	Residence	0.00E+00	0.00E+00	1.86E-06	2.19E-07	2.08	0.00	1.59E-03	1.66E-03	1.73E-03	2.12E-04	3.15E-04	5.51E-03
606512	4121740	1.65E-03	1.71E-03	1.77E-03	1.18E-04	3.07E-04	5.56E-03	Residence	0.00E+00	0.00E+00	1.89E-06	2.23E-07	2.11	0.00	1.65E-03	1.71E-03	1.77E-03	1.92E-04	2.83E-04	5.61E-03
606532	4121740	1.67E-03	1.72E-03	1.76E-03	1.07E-04	2.76E-04	5.54E-03	Residence	0.00E+00	0.00E+00	1.88E-06	2.23E-07	2.11	0.00	1.67E-03	1.72E-03	1.76E-03	1.73E-04	2.54E-04	5.59E-03
606552	4121740	1.65E-03	1.69E-03	1.71E-03	9.60E-05	2.48E-04	5.39E-03	Residence	0.00E+00	0.00E+00	1.83E-06	2.17E-07	2.05	0.00	1.65E-03	1.69E-03	1.71E-03	1.56E-04	2.29E-04	5.43E-03
606572	4121740	1.59E-03	1.62E-03	1.63E-03	8.64E-05	2.24E-04	5.16E-03	Residence	0.00E+00	0.00E+00	1.75E-06	2.07E-07	1.96	0.00	1.59E-03	1.62E-03	1.63E-03	1.40E-04	2.06E-04	5.19E-03
606592	4121740	1.53E-03	1.54E-03	1.55E-03	7.81E-05	2.02E-04	4.90E-03	Residence	0.00E+00	0.00E+00	1.67E-06	1.97E-07	1.86	0.00	1.53E-03	1.54E-03	1.55E-03	1.27E-04	1.86E-04	4.93E-03
606612	4121740	1.46E-03	1.46E-03	1.46E-03	7.07E-05	1.83E-04	4.64E-03	Residence	0.00E+00	0.00E+00	1.58E-06	1.86E-07	1.76	0.00	1.46E-03	1.46E-03	1.46E-03	1.15E-04	1.69E-04	4.67E-03
606632	4121740	1.37E-03	1.37E-03	1.36E-03	6.40E-05	1.67E-04	4.34E-03	Residence	0.00E+00	0.00E+00	1.48E-06	1.74E-07	1.65	0.00	1.37E-03	1.37E-03	1.36E-03	1.04E-04	1.53E-04	4.36E-03
606652	4121740	1.28E-03	1.28E-03	1.27E-03	5.81E-05	1.52E-04	4.04E-03	Residence	0.00E+00	0.00E+00	1.37E-06	1.62E-07	1.53	0.00	1.28E-03	1.28E-03	1.27E-03	9.44E-05	1.40E-04	4.06E-03

606672	4121740	1.20E-03	1.19E-03	1.17E-03	5.28E-05	1.39E-04	3.75E-03	Residence	0.00E+00	0.00E+00	1.27E-06	1.51E-07	1.43	0.00	1.20E-03	1.19E-03	1.17E-03	8.59E-05	1.28E-04	3.77E-03
606692	4121740	1.12E-03	1.11E-03	1.10E-03	4.83E-05	1.27E-04	3.51E-03	Residence	0.00E+00	0.00E+00	1.19E-06	1.41E-07	1.33	0.00	1.12E-03	1.11E-03	1.10E-03	7.85E-05	1.17E-04	3.53E-03
606712	4121740	1.05E-03	1.03E-03	1.02E-03	4.42E-05	1.17E-04	3.26E-03	Residence	0.00E+00	0.00E+00	1.11E-06	1.31E-07	1.24	0.00	1.05E-03	1.03E-03	1.02E-03	7.18E-05	1.08E-04	3.28E-03
606732	4121740	9.72E-04	9.58E-04	9.40E-04	4.05E-05	1.08E-04	3.02E-03	Residence	0.00E+00	0.00E+00	1.03E-06	1.21E-07	1.15	0.00	9.72E-04	9.58E-04	9.40E-04	6.58E-05	9.93E-05	3.04E-03
606752	4121740	9.05E-04	8.90E-04	8.73E-04	3.73E-05	9.98E-05	2.81E-03	Residence	0.00E+00	0.00E+00	9.54E-07	1.13E-07	1.07	0.00	9.05E-04	8.90E-04	8.73E-04	6.06E-05	9.19E-05	2.82E-03
606772	4121740	8.51E-04	8.37E-04	8.20E-04	3.44E-05	9.28E-05	2.63E-03	Residence	0.00E+00	0.00E+00	8.96E-07	1.06E-07	1.00	0.00	8.51E-04	8.37E-04	8.20E-04	5.60E-05	8.53E-05	2.65E-03
606792	4121740	7.92E-04	7.78E-04	7.62E-04	3.18E-05	8.62E-05	2.45E-03	Residence	0.00E+00	0.00E+00	8.33E-07	9.85E-08	0.93	0.00	7.92E-04	7.78E-04	7.62E-04	5.17E-05	7.93E-05	2.46E-03
606812	4121740	7.38E-04	7.24E-04	7.09E-04	2.95E-05	8.03E-05	2.28E-03	Residence	0.00E+00	0.00E+00	7.75E-07	9.17E-08	0.87	0.00	7.38E-04	7.24E-04	7.09E-04	4.79E-05	7.39E-05	2.29E-03
606832	4121740	6.91E-04	6.78E-04	6.63E-04	2.74E-05	7.50E-05	2.13E-03	Residence	0.00E+00	0.00E+00	7.26E-07	8.58E-08	0.81	0.00	6.91E-04	6.78E-04	6.63E-04	4.45E-05	6.90E-05	2.15E-03
606852	4121740	6.47E-04	6.34E-04	6.21E-04	2.55E-05	7.03E-05	2.00E-03	Residence	0.00E+00	0.00E+00	6.79E-07	8.03E-08	0.76	0.00	6.47E-04	6.34E-04	6.21E-04	4.15E-05	6.46E-05	2.01E-03
606872	4121740	6.08E-04	5.97E-04	5.84E-04	2.38E-05	6.60E-05	1.88E-03	Residence	0.00E+00	0.00E+00	6.39E-07	7.55E-08	0.71	0.00	6.08E-04	5.97E-04	5.84E-04	3.87E-05	6.07E-05	1.89E-03
606892	4121740	5.72E-04	5.61E-04	5.50E-04	2.23E-05	6.20E-05	1.77E-03	Residence	0.00E+00	0.00E+00	6.01E-07	7.10E-08	0.67	0.00	5.72E-04	5.61E-04	5.50E-04	3.62E-05	5.71E-05	1.78E-03
606912	4121740	5.40E-04	5.29E-04	5.18E-04	2.09E-05	5.84E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.67E-07	6.70E-08	0.63	0.00	5.40E-04	5.29E-04	5.18E-04	3.40E-05	5.38E-05	1.67E-03
606932	4121740	5.10E-04	5.00E-04	4.90E-04	1.97E-05	5.52E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.35E-07	6.33E-08	0.60	0.00	5.10E-04	5.00E-04	4.90E-04	3.19E-05	5.07E-05	1.58E-03
606952	4121740	4.82E-04	4.73E-04	4.64E-04	1.85E-05	5.22E-05	1.49E-03	Residence	0.00E+00	0.00E+00	5.07E-07	5.99E-08	0.57	0.00	4.82E-04	4.73E-04	4.64E-04	3.01E-05	4.80E-05	1.50E-03
606992	4121740	4.36E-04	4.28E-04	4.20E-04	1.65E-05	4.69E-05	1.35E-03	Residence	0.00E+00	0.00E+00	4.58E-07	5.41E-08	0.51	0.00	4.36E-04	4.28E-04	4.20E-04	2.68E-05	4.31E-05	1.35E-03
607012	4121740	4.15E-04	4.07E-04	4.00E-04	1.56E-05	4.46E-05	1.28E-03	Residence	0.00E+00	0.00E+00	4.36E-07	5.15E-08	0.49	0.00	4.15E-04	4.07E-04	4.00E-04	2.53E-05	4.10E-05	1.29E-03
607032	4121740	3.95E-04	3.88E-04	3.81E-04	1.48E-05	4.24E-05	1.22E-03	Residence	0.00E+00	0.00E+00	4.15E-07	4.91E-08	0.46	0.00	3.95E-04	3.88E-04	3.81E-04	2.40E-05	3.90E-05	1.23E-03
607052	4121740	3.77E-04	3.70E-04	3.64E-04	1.40E-05	4.04E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.96E-07	4.68E-08	0.44	0.00	3.77E-04	3.70E-04	3.64E-04	2.28E-05	3.72E-05	1.17E-03
605632	4121760	9.89E-05	1.00E-04	1.01E-04	6.75E-06	3.35E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	9.89E-05	1.00E-04	1.01E-04	1.10E-05	3.08E-05	3.42E-04
605672	4121760	1.02E-04	1.03E-04	1.04E-04	7.31E-06	3.73E-05	3.54E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.02E-04	1.03E-04	1.04E-04	1.19E-05	3.43E-05	3.55E-04
605692	4121760	1.04E-04	1.06E-04	1.07E-04	7.62E-06	3.95E-05	3.64E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	1.04E-04	1.06E-04	1.07E-04	1.24E-05	3.63E-05	3.66E-04
605712	4121760	1.06E-04	1.07E-04	1.09E-04	7.94E-06	4.18E-05	3.71E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.06E-04	1.07E-04	1.09E-04	1.29E-05	3.85E-05	3.73E-04
605752	4121760	1.08E-04	1.10E-04	1.11E-04	8.65E-06	4.72E-05	3.85E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.08E-04	1.10E-04	1.11E-04	1.41E-05	4.35E-05	3.87E-04
605772	4121760	1.10E-04	1.12E-04	1.14E-04	9.03E-06	5.04E-05	3.96E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.59E-08	0.15	0.00	1.10E-04	1.12E-04	1.14E-04	1.47E-05	4.64E-05	3.98E-04
605792	4121760	1.11E-04	1.13E-04	1.14E-04	9.44E-06	5.39E-05	4.02E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.61E-08	0.15	0.00	1.11E-04	1.13E-04	1.14E-04	1.53E-05	4.96E-05	4.03E-04
605832	4121760	1.13E-04	1.15E-04	1.16E-04	1.03E-05	6.21E-05	4.17E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.13E-04	1.15E-04	1.16E-04	1.67E-05	5.71E-05	4.18E-04
605852	4121760	1.14E-04	1.16E-04	1.18E-04	1.08E-05	6.70E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.14E-04	1.16E-04	1.18E-04	1.75E-05	6.16E-05	4.27E-04
605872	4121760	1.14E-04	1.16E-04	1.17E-04	1.13E-05	7.25E-05	4.30E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.73E-08	0.16	0.00	1.14E-04	1.16E-04	1.17E-04	1.83E-05	6.67E-05	4.31E-04
605892	4121760	1.12E-04	1.14E-04	1.15E-04	1.18E-05	7.85E-05	4.31E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.73E-08	0.16	0.00	1.12E-04	1.14E-04	1.15E-04	1.91E-05	7.22E-05	4.32E-04
605912	4121760	1.12E-04	1.13E-04	1.15E-04	1.23E-05	8.55E-05	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.12E-04	1.13E-04	1.15E-04	2.00E-05	7.87E-05	4.39E-04
605932	4121760	1.12E-04	1.14E-04	1.16E-04	1.28E-05	9.36E-05	4.49E-04	Residence	0.00E+00	0.00E+00	1.53E-07	1.80E-08	0.17	0.00	1.12E-04	1.14E-04	1.16E-04	2.09E-05	8.62E-05	4.49E-04
605952	4121760	1.12E-04	1.14E-04	1.16E-04	1.34E-05	1.03E-04	4.58E-04	Residence	0.00E+00	0.00E+00	1.56E-07	1.84E-08	0.17	0.00	1.12E-04	1.14E-04	1.16E-04	2.18E-05	9.46E-05	4.58E-04
605972	4121760	1.13E-04	1.15E-04	1.16E-04	1.40E-05	1.13E-04	4.71E-04	Worker	0.00E+00	0.00E+00	1.60E-07	1.89E-08	0.18	0.00	1.13E-04	1.15E-04	1.16E-04	2.27E-05	1.04E-04	4.71E-04
605992	4121760	1.13E-04	1.15E-04	1.16E-04	1.46E-05	1.26E-04	4.84E-04	Worker	0.00E+00	0.00E+00	1.64E-07	1.94E-08	0.18	0.00	1.13E-04	1.15E-04	1.16E-04	2.38E-05	1.16E-04	4.83E-04
606012	4121760	1.13E-04	1.15E-04	1.17E-04	1.53E-05	1.40E-04	4.99E-04	Worker	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.13E-04	1.15E-04	1.17E-04	2.49E-05	1.28E-04	4.98E-04
606032	4121760	1.14E-04	1.16E-04	1.18E-04	1.62E-05	1.56E-04	5.19E-04	Worker	0.00E+00	0.00E+00	1.76E-07	2.09E-08	0.20	0.00	1.14E-04	1.16E-04	1.18E-04	2.63E-05	1.43E-04	5.16E-04
606052	4121760	1.15E-04	1.17E-04	1.19E-04	1.73E-05	1.74E-04	5.43E-04	Worker	0.00E+00	0.00E+00	1.85E-07	2.18E-08	0.21	0.00	1.15E-04	1.17E-04	1.19E-04	2.80E-05	1.60E-04	5.39E-04
606072	4121760	1.17E-04	1.19E-04	1.21E-04	1.87E-05	1.96E-04	5.72E-04	Worker	0.00E+00	0.00E+00	1.95E-07	2.30E-08	0.22	0.00	1.17E-04	1.19E-04	1.21E-04	3.04E-05	1.80E-04	5.68E-04
606372	4121760	6.35E-04	6.72E-04	7.21E-04	2.44E-04	6.92E-04	2.96E-03	Worker	0.00E+00	0.00E+00	1.01E-06	1.19E-07	1.13	0.00	6.35E-04	6.72E-04	7.21E-04	3.96E-04	6.36E-04	3.06E-03
606432	4121760	1.37E-03	1.47E-03	1.57E-03	1.87E-04	5.00E-04	5.10E-03	Residence	0.00E+00	0.00E+00	1.73E-06	2.05E-07	1.94	0.00	1.37E-03	1.47E-03	1.57E-03	3.04E-04	4.60E-04	5.17E-03
606472	4121760	1.74E-03	1.83E-03	1.92E-03	1.50E-04	3.92E-04	6.03E-03	Residence	0.00E+00	0.00E+00	2.05E-06	2.42E-07	2.29	0.00	1.74E-03	1.83E-03	1.92E-03	2.44E-04	3.60E-04	6.09E-03
606492	4121760	1.82E-03	1.89E-03	1.96E-03	1.34E-04	3.46E-04	6.15E-03	Residence	0.00E+00	0.00E+00	2.09E-06	2.47E-07	2.34	0.00	1.82E-03	1.89E-03	1.96E-03	2.17E-04	3.19E-04	6.21E-03
606512	4121760	1.84E-03	1.90E-03	1.94E-03	1.19E-04	3.07E-04	6.10E-03	Residence	0.00E+00	0.00E+00	2.07E-06	2.45E-07	2.32	0.00	1.84E-03	1.90E-03	1.94E-03	1.93E-04	2.83E-04	6.15E-03
606532	4121760	1.81E-03	1.85E-03	1.88E-03	1.06E-04	2.74E-04	5.93E-03	Residence	0.00E+00	0.00E+00	2.01E-06	2.38E-07	2.25	0.00	1.81E-03	1.85E-03	1.88E-03	1.72E-04	2.52E-04	5.97E-03
606552	4121760	1.74E-03	1.77E-03	1.78E-03	9.45E-05	2.44E-04	5.63E-03	Residence	0.00E+00	0.00E+00	1.91E-06	2.26E-07	2.14	0.00	1.74E-03	1.77E-03	1.78E-03	1.54E-04	2.24E-04	5.67E-03
606572	4121760	1.65E-03	1.66E-03	1.66E-03	8.43E-05	2.18E-04	5.27E-03	Residence	0.00E+00	0.00E+00	1.79E-06	2.12E-07	2.00	0.00	1.65E-03	1.66E-03	1.66E-03	1.37E-04	2.01E-04	5.31E-03
606592	4121760	1.55E-03	1.55E-03	1.54E-03	7.55E-05	1.96E-04	4.91E-03	Residence	0.00E+00	0.00E+00	1.67E-06	1.97E-07	1.87	0.00	1.55E-03	1.55E-03	1.54E-03	1.23E-04	1.80E-04	4.94E-03
606612	4121760	1.45E-03	1.45E-03	1.43E-03	6.80E-05	1.77E-04	4.57E-03	Residence	0.00E+00	0.00E+00	1.55E-06	1.84E-07	1.74	0.00	1.45E-03	1.45E-03	1.43E-03	1.10E-04	1.63E-04	4.60E-03
606632	4121760	1.35E-03	1.34E-03	1.32E-03	6.13E-05	1.61E-04	4.22E-03	Residence	0.00E+00	0.00E+00	1.44E-06	1.70E-07	1.61	0.00	1.35E-03	1.34E-03	1.32E-03	9.95E-05	1.48E-04	4.25E-03
606652	4121760	1.25E-03	1.23E-03	1.21E-03	5.54E-05	1.46E-04	3.89E-03	Residence	0.00E+00	0.00E+00	1.32E-06	1.56E-07	1.48	0.00	1.25E-03	1.23E-03	1.21E-03	9.00E-05	1.34E-04	3.91E-03
606672	4121760	1.15E-03	1.13E-03	1.11E-03	5.02E-05	1.33E-04	3.58E-03	Residence	0.00E+00	0.00E+00	1.22E-06	1.44E-07	1.36	0.00	1.15E-03	1.13E-03	1.11E-03	8.16E-05	1.22E-04	3.60E-03
606692	4121760	1.07E-03	1.05E-03	1.03E-03	4.58E-05	1.22E-04	3.32E-03	Residence	0.00E+00	0.00E+00	1.13E-06	1.34E-07	1.26	0.00	1.07E-03	1.05E-03	1.03E-03	7.44E-05	1.12E-04	3.34E-03
606712	4121760	9.93E-04	9.73E-04	9.51E-04	4.18E-05	1.12E-04	3.07E-03	Residence	0.00E+00	0.00E+00	1.04E-06	1.23E-07	1.17	0.00	9.93E-04	9.73E-04	9.51E-04	6.80E-05	1.03E-04	3.09E-03
606732	4121760	9.17E-04	8.98E-04	8.76E-04	3.83E-05	1.03E-04	2.83E-03	Residence	0.00E+00	0.00E+00	9.63E-07	1.14E-07	1.08	0.00	9.17E-04	8.98E-04	8.76E-04	6.22E-05	9.51E-05	2.85E-03
606752	4121760	8.51E-04	8.33E-04	8.13E-04	3.52E-05	9.56E-05	2.63E-03	Residence	0.00E+00	0.00E+00	8.93E-07	1.06E-07	1.00	0.00	8.51E-04	8.33E-04	8.13E-04	5.72E-05	8.80E-05	2.64E-03
606772	4121760	7.99E-04	7.82E-04	7.63E-04	3.25E-05	8.89E-05	2.46E-03	Residence	0.00E+00	0.00E+00	8.38E-07	9.91E-08	0.94	0.00	7.99E-04	7.82E-04	7.63E-04	5.29E-05	8.18E-05	2.48E-03
606792	4121760	7.41E-04	7.25E-04	7.07E-04	3.01E-05	8.26E-05	2.29E-03	Residence	0.00E+00	0.00E+00	7.77E-07	9.19E-08	0.87	0.00	7.41E-04	7.25E-04	7.07E-04	4.89E-05	7.60E-05	2.30E-03
606812	4121760	6.89E-04	6.74E-04	6.57E-04	2.79E-05	7.70E-05	2.13E-03	Residence	0.00E+00	0.00E+00	7.23E-07	8.54E-08	0.81	0.00	6.89E-04	6.74E-04	6.57E-04	4.53E-05	7.08E-05	2.14E-03
606832	4121760	6.46E-04	6.31E-04	6.16E-04	2.59E-05	7.20E-05	1.99E-03	Residence	0.00E+00	0.00E+00	6.77E-07	8.00E-08	0.76	0.00	6.46E-04	6.31E-04	6.16E-04	4.21E-05	6.62E-05	2.00E-03
606852	4121760	6.06E-04	5.92E-04	5.78E-04	2.42E-05	6.75E-05	1.87E-03	Residence	0.00E+00	0.00E+00	6.35E-07	7.51E-08	0.71	0.00	6.06E-04	5.92E-04	5.78E-04	3.93E-05	6.21E-05	1.88E-03
606872	4121760	5.70E-04	5.57E-04	5.45E-04	2.26E-05	6.34E-05	1.76E-03	Residence	0.00E+00	0.00E+00	5.98E-07	7.06E-08	0.67	0.00	5.70E-04	5.57E-04	5.45E-04	3.67E-05	5.83E-05	1.77E-03
606892	4121760	5.37E-04	5.26E-04	5.14E-04	2.11E-05	5.96E-05	1.66E-03	Residence	0.00E+00	0.00E+00	5.64E-07	6.66E-08	0.63	0.00	5.37E-04	5.26E-04	5.14E-04	3.44E-05	5.49E-05	1.67E-03
606912	4121760	5.08E-04	4.97E-04	4.86E-04	1.98E-05	5.63E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.33E-07	6.30E-08	0.60	0.00	5.08E-04	4.97E-04	4.86E-04	3.23E-05	5.18E-05	1.58E-03
606932	4121760	4.81E-04	4.71E-04	4.61E-04	1.87E-05	5.31E-05	1.48E-03	Residence	0.00E+00	0.00E+00	5.05E-07	5.97E-08	0.56	0.00	4.81E-04	4.71E-04	4.61E-04	3.03E-05	4.89E-05	1.49E-03
606952	4121760	4.56E-04	4.46E-04	4.37E-04	1.76E-05	5.03E-05	1.41E-03	Residence	0.00E+00	0.00E+00	4.78E-07	5.66E-08	0.53	0.00	4.56E-04	4.46E-04	4.37E-04	2.86E-05	4.63E-05	1.41E-03
606992	4121760	4.09E-04	4.01E-04	3.93E-04	1.57E-05	4.52E-05	1.26E-03	Residence	0.00E+00	0.00E+00	4.30E-07	5.08E-08	0.48	0.00	4.09E-04	4.01E-04	3.93E-04	2.55E-05	4.16E-05	1.27E-03
607012	4121760	3.87E-04	3.80E-04	3.73E-04	1.49E-05	4.30E-05	1.20E-03	Residence	0.00E+00	0.00E+00	4.07E-07	4.82E-08	0.46	0.00	3.87E-04	3.80E-04	3.73E-04	2.41E-05	3.95E-05	1.20E-03
607032	4121760	3.69E-04	3.62E-04	3.56E-04	1.41E-05	4.09E-05	1.14E-03	Residence	0.00E+00	0.00E+00	3.88E-07	4.59E-08	0.43	0.00	3.69E-04	3.62E-04	3.56E-04	2.29E-05	3.76E-05	1.15E-03
607052	4121760	3.54E-04	3.47E-04	3.41E-04	1.34E-05	3.90E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.72E-07	4.40E-08	0.42	0.00	3.54E-04	3.47E-04	3.41E-04	2.18E-05	3.59E-05	1.10E-03
605632	4121780	1.03E-04	1.05E-04	1.06E-04	7.28E-06	3.46E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.03E-04	1.05E-04	1.06E-04	1.18E-05	3.18E-05	3.58E-04
605672	4121780	1.07E-04	1.08E-04	1.10E-04	7.93E-06	3.86E-05	3.71E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.07E-04	1.08E-04	1.10E-04	1.29E-05	3.55E-05	3.73E-04
605692	4121780	1.09E-04	1.11E-04	1.12E-04	8.30E-06	4.09E-05	3.82E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.53E-08	0.15	0.00	1.09E-04	1.11E-04	1.12E-04	1.35E-05	3.76E-05	3.84E-04
605712	4121780	1.11E-04	1.13E-04	1.14E-04	8.68E-06	4.34E-05	3.90E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.57E-08	0.15	0.00	1.11E-04	1.13E-04	1.14E-04	1.41E-05	3.99E-05	3.91E-04
605752	4121780	1.13E-04	1.15E-04	1.17E-04	9.53E-06	4.92E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.63E-08	0.15	0.00	1.13E-04	1.15E-04	1.17E-04	1.55E-05	4.52E-05	4.06E-04
605772	4121780	1.16E-04	1.18E-04	1.20E-04	1.00E-05	5.26E-05	4.16E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.67E-08	0.16	0.00	1.16E-04	1.18E-04	1.20E-04	1.62E-05	4.84E-05	4.18E-04
605792	4121780	1.17E-04	1.19E-04	1.20E-04	1.05E-05	5.63E-05	4.22E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.17E-04	1.19E-04	1.20E-04	1.71E-05	5.18E-05	4.24E-04
605832	4121780	1.19E-04	1.21E-04	1.23E-04	1.16E-05	6.52E-05	4.39E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.77E-08	0.17	0.00	1.19E-04	1.21E-04	1.23E-04	1.89E-05	6.00E-05	4.41E-04
605852	4121780	1.20E-04	1.22E-04	1.24E-04	1.22E-05	7.05E-05	4.48E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.20E-04	1.22E-04	1.24E-04	1.98E-05	6.49E-05	4.50E-04
605872	4121780	1.19E-04	1.21E-04	1.23E-04	1.29E-05	7.65E-05	4.53E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.19E-04	1.21E-04	1.23E-04	2.09E-05	7.03E-05	4.55E-04
605892	4121780	1.17E-04	1.19E-04	1.21E-04	1.35E-05	8.31E-05	4.54E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.17E-04	1.19E-04	1.21E-04	2.20E-05	7.65E-05	4.56E-04
605912	4121780	1.17E-04	1.19E-04	1.21E-04	1.43E-05	9.09E-05	4.62E-04	Residence	0.00E+00	0.00E+00	1.57E-07	1.86E-08	0.18	0.00	1.17E-04	1.19E-04	1.21E-04	2.32E-05	8.36E-05	4.64E-04
605932	4121780	1.18E-04	1.20E-04	1.21E-04	1.50E-05	1.00E-04	4.74E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.90E-08	0.18	0.00	1.18E-04	1.20E-04	1.21E-04	2.44E-05	9.20E-05	4.75E-04

605952	4121780	1.18E-04	1.20E-04	1.21E-04	1.58E-05	1.10E-04	4.85E-04	Residence	0.00E+00	0.00E+00	1.65E-07	1.95E-08	0.18	0.00	1.18E-04	1.20E-04	1.21E-04	2.57E-05	1.02E-04	4.86E-04
605992	4121780	1.19E-04	1.21E-04	1.23E-04	1.76E-05	1.37E-04	5.17E-04	Worker	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.19E-04	1.21E-04	1.23E-04	2.85E-05	1.26E-04	5.17E-04
606052	4121780	1.22E-04	1.24E-04	1.26E-04	2.08E-05	1.96E-04	5.89E-04	Worker	0.00E+00	0.00E+00	2.00E-07	2.37E-08	0.22	0.00	1.22E-04	1.24E-04	1.26E-04	3.38E-05	1.81E-04	5.86E-04
606072	4121780	1.24E-04	1.27E-04	1.29E-04	2.24E-05	2.24E-04	6.26E-04	Worker	0.00E+00	0.00E+00	2.13E-07	2.51E-08	0.24	0.00	1.24E-04	1.27E-04	1.29E-04	3.64E-05	2.06E-04	6.22E-04
606132	4121780	1.37E-04	1.41E-04	1.44E-04	3.30E-05	3.34E-04	7.90E-04	Worker	0.00E+00	0.00E+00	2.69E-07	3.17E-08	0.30	0.00	1.37E-04	1.41E-04	1.44E-04	5.36E-05	3.08E-04	7.84E-04
606152	4121780	1.46E-04	1.50E-04	1.54E-04	4.10E-05	3.83E-04	8.73E-04	Worker	0.00E+00	0.00E+00	2.97E-07	3.51E-08	0.33	0.00	1.46E-04	1.50E-04	1.54E-04	6.67E-05	3.52E-04	8.68E-04
606172	4121780	1.57E-04	1.61E-04	1.66E-04	5.44E-05	4.38E-04	9.77E-04	Worker	0.00E+00	0.00E+00	3.32E-07	3.93E-08	0.37	0.00	1.57E-04	1.61E-04	1.66E-04	8.84E-05	4.03E-04	9.76E-04
606192	4121780	1.69E-04	1.74E-04	1.81E-04	7.60E-05	5.04E-04	1.10E-03	Worker	0.00E+00	0.00E+00	3.76E-07	4.44E-08	0.42	0.00	1.69E-04	1.74E-04	1.81E-04	1.24E-04	4.64E-04	1.11E-03
606292	4121780	2.77E-04	2.88E-04	3.00E-04	3.05E-04	1.01E-03	2.18E-03	Worker	0.00E+00	0.00E+00	7.40E-07	8.74E-08	0.83	0.00	2.77E-04	2.88E-04	3.00E-04	4.96E-04	9.25E-04	2.29E-03
606312	4121780	3.33E-04	3.45E-04	3.61E-04	3.26E-04	1.01E-03	2.38E-03	Worker	0.00E+00	0.00E+00	8.08E-07	9.55E-08	0.90	0.00	3.33E-04	3.45E-04	3.61E-04	5.30E-04	9.30E-04	2.50E-03
606372	4121780	7.77E-04	8.29E-04	9.00E-04	2.84E-04	7.83E-04	3.57E-03	Worker	0.00E+00	0.00E+00	1.21E-06	1.44E-07	1.36	0.00	7.77E-04	8.29E-04	9.00E-04	4.61E-04	7.20E-04	3.69E-03
606392	4121780	1.07E-03	1.16E-03	1.26E-03	2.55E-04	6.87E-04	4.44E-03	Worker	0.00E+00	0.00E+00	1.51E-06	1.78E-07	1.69	0.00	1.07E-03	1.16E-03	1.26E-03	4.15E-04	6.32E-04	4.54E-03
606432	4121780	1.70E-03	1.82E-03	1.95E-03	1.98E-04	5.18E-04	6.19E-03	Residence	0.00E+00	0.00E+00	2.10E-06	2.49E-07	2.35	0.00	1.70E-03	1.82E-03	1.95E-03	3.22E-04	4.76E-04	6.27E-03
606472	4121780	2.02E-03	2.11E-03	2.19E-03	1.52E-04	3.92E-04	6.87E-03	Residence	0.00E+00	0.00E+00	2.33E-06	2.76E-07	2.61	0.00	2.02E-03	2.11E-03	2.19E-03	2.47E-04	3.60E-04	6.93E-03
606492	4121780	2.04E-03	2.10E-03	2.15E-03	1.33E-04	3.42E-04	6.77E-03	Residence	0.00E+00	0.00E+00	2.30E-06	2.72E-07	2.57	0.00	2.04E-03	2.10E-03	2.15E-03	2.16E-04	3.15E-04	6.83E-03
606512	4121780	1.99E-03	2.03E-03	2.05E-03	1.17E-04	3.00E-04	6.49E-03	Residence	0.00E+00	0.00E+00	2.21E-06	2.61E-07	2.47	0.00	1.99E-03	2.03E-03	2.05E-03	1.90E-04	2.76E-04	6.54E-03
606532	4121780	1.90E-03	1.92E-03	1.92E-03	1.03E-04	2.65E-04	6.12E-03	Residence	0.00E+00	0.00E+00	2.08E-06	2.46E-07	2.33	0.00	1.90E-03	1.92E-03	1.92E-03	1.67E-04	2.44E-04	6.16E-03
606552	4121780	1.78E-03	1.78E-03	1.77E-03	9.09E-05	2.35E-04	5.66E-03	Residence	0.00E+00	0.00E+00	1.93E-06	2.28E-07	2.15	0.00	1.78E-03	1.78E-03	1.77E-03	1.48E-04	2.16E-04	5.70E-03
606572	4121780	1.65E-03	1.64E-03	1.61E-03	8.05E-05	2.10E-04	5.19E-03	Residence	0.00E+00	0.00E+00	1.77E-06	2.09E-07	1.98	0.00	1.65E-03	1.64E-03	1.61E-03	1.31E-04	1.93E-04	5.23E-03
606592	4121780	1.52E-03	1.50E-03	1.47E-03	7.17E-05	1.88E-04	4.76E-03	Residence	0.00E+00	0.00E+00	1.62E-06	1.91E-07	1.81	0.00	1.52E-03	1.50E-03	1.47E-03	1.17E-04	1.73E-04	4.79E-03
606612	4121780	1.40E-03	1.38E-03	1.35E-03	6.43E-05	1.69E-04	4.37E-03	Residence	0.00E+00	0.00E+00	1.48E-06	1.75E-07	1.66	0.00	1.40E-03	1.38E-03	1.35E-03	1.04E-04	1.56E-04	4.39E-03
606632	4121780	1.29E-03	1.26E-03	1.23E-03	5.78E-05	1.53E-04	3.99E-03	Residence	0.00E+00	0.00E+00	1.36E-06	1.60E-07	1.52	0.00	1.29E-03	1.26E-03	1.23E-03	9.38E-05	1.41E-04	4.01E-03
606652	4121780	1.18E-03	1.15E-03	1.12E-03	5.21E-05	1.39E-04	3.64E-03	Residence	0.00E+00	0.00E+00	1.24E-06	1.46E-07	1.38	0.00	1.18E-03	1.15E-03	1.12E-03	8.46E-05	1.28E-04	3.66E-03
606672	4121780	1.08E-03	1.05E-03	1.02E-03	4.72E-05	1.27E-04	3.33E-03	Residence	0.00E+00	0.00E+00	1.13E-06	1.34E-07	1.27	0.00	1.08E-03	1.05E-03	1.02E-03	7.67E-05	1.17E-04	3.35E-03
606692	4121780	1.00E-03	9.75E-04	9.47E-04	4.30E-05	1.16E-04	3.08E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.17	0.00	1.00E-03	9.75E-04	9.47E-04	6.99E-05	1.07E-04	3.10E-03
606712	4121780	9.22E-04	8.98E-04	8.72E-04	3.92E-05	1.07E-04	2.84E-03	Residence	0.00E+00	0.00E+00	9.65E-07	1.14E-07	1.08	0.00	9.22E-04	8.98E-04	8.72E-04	6.38E-05	9.84E-05	2.85E-03
606732	4121780	8.50E-04	8.27E-04	8.04E-04	3.59E-05	9.86E-05	2.62E-03	Residence	0.00E+00	0.00E+00	8.89E-07	1.05E-07	0.99	0.00	8.50E-04	8.27E-04	8.04E-04	5.84E-05	9.07E-05	2.63E-03
606752	4121780	7.87E-04	7.66E-04	7.44E-04	3.31E-05	9.12E-05	2.42E-03	Residence	0.00E+00	0.00E+00	8.23E-07	9.73E-08	0.92	0.00	7.87E-04	7.66E-04	7.44E-04	5.37E-05	8.39E-05	2.44E-03
606772	4121780	7.39E-04	7.20E-04	7.00E-04	3.06E-05	8.48E-05	2.27E-03	Residence	0.00E+00	0.00E+00	7.73E-07	9.14E-08	0.86	0.00	7.39E-04	7.20E-04	7.00E-04	4.97E-05	7.80E-05	2.29E-03
606792	4121780	6.89E-04	6.71E-04	6.53E-04	2.83E-05	7.90E-05	2.12E-03	Residence	0.00E+00	0.00E+00	7.21E-07	8.52E-08	0.81	0.00	6.89E-04	6.71E-04	6.53E-04	4.60E-05	7.26E-05	2.13E-03
606812	4121780	6.44E-04	6.27E-04	6.11E-04	2.63E-05	7.37E-05	1.98E-03	Residence	0.00E+00	0.00E+00	6.74E-07	7.96E-08	0.75	0.00	6.44E-04	6.27E-04	6.11E-04	4.27E-05	6.78E-05	1.99E-03
606832	4121780	6.03E-04	5.88E-04	5.73E-04	2.44E-05	6.90E-05	1.86E-03	Residence	0.00E+00	0.00E+00	6.31E-07	7.46E-08	0.71	0.00	6.03E-04	5.88E-04	5.73E-04	3.97E-05	6.35E-05	1.87E-03
606852	4121780	5.66E-04	5.52E-04	5.38E-04	2.28E-05	6.47E-05	1.74E-03	Residence	0.00E+00	0.00E+00	5.93E-07	7.01E-08	0.66	0.00	5.66E-04	5.52E-04	5.38E-04	3.71E-05	5.95E-05	1.75E-03
606872	4121780	5.31E-04	5.19E-04	5.06E-04	2.13E-05	6.08E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.57E-07	6.59E-08	0.62	0.00	5.31E-04	5.19E-04	5.06E-04	3.47E-05	5.59E-05	1.65E-03
606892	4121780	5.01E-04	4.89E-04	4.77E-04	2.00E-05	5.73E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.21E-08	0.59	0.00	5.01E-04	4.89E-04	4.77E-04	3.25E-05	5.27E-05	1.55E-03
606912	4121780	4.72E-04	4.61E-04	4.50E-04	1.88E-05	5.40E-05	1.46E-03	Residence	0.00E+00	0.00E+00	4.95E-07	5.85E-08	0.55	0.00	4.72E-04	4.61E-04	4.50E-04	3.05E-05	4.97E-05	1.46E-03
606932	4121780	4.46E-04	4.36E-04	4.26E-04	1.77E-05	5.11E-05	1.38E-03	Residence	0.00E+00	0.00E+00	4.68E-07	5.53E-08	0.52	0.00	4.46E-04	4.36E-04	4.26E-04	2.87E-05	4.70E-05	1.38E-03
606952	4121780	4.22E-04	4.13E-04	4.04E-04	1.67E-05	4.83E-05	1.30E-03	Residence	0.00E+00	0.00E+00	4.43E-07	5.24E-08	0.50	0.00	4.22E-04	4.13E-04	4.04E-04	2.71E-05	4.45E-05	1.31E-03
606992	4121780	3.82E-04	3.74E-04	3.66E-04	1.49E-05	4.36E-05	1.18E-03	Residence	0.00E+00	0.00E+00	4.01E-07	4.74E-08	0.45	0.00	3.82E-04	3.74E-04	3.66E-04	2.43E-05	4.01E-05	1.19E-03
607012	4121780	3.64E-04	3.57E-04	3.50E-04	1.42E-05	4.15E-05	1.13E-03	Residence	0.00E+00	0.00E+00	3.83E-07	4.53E-08	0.43	0.00	3.64E-04	3.57E-04	3.50E-04	2.30E-05	3.82E-05	1.13E-03
605632	4121800	1.08E-04	1.09E-04	1.11E-04	7.86E-06	3.57E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.08E-04	1.09E-04	1.11E-04	1.28E-05	3.29E-05	3.74E-04
605672	4121800	1.11E-04	1.13E-04	1.15E-04	8.62E-06	4.00E-05	3.88E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.11E-04	1.13E-04	1.15E-04	1.40E-05	3.68E-05	3.90E-04
605692	4121800	1.14E-04	1.16E-04	1.18E-04	9.04E-06	4.24E-05	4.00E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.14E-04	1.16E-04	1.18E-04	1.47E-05	3.90E-05	4.02E-04
605712	4121800	1.16E-04	1.18E-04	1.19E-04	9.49E-06	4.50E-05	4.07E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.64E-08	0.15	0.00	1.16E-04	1.18E-04	1.19E-04	1.54E-05	4.14E-05	4.09E-04
605752	4121800	1.19E-04	1.21E-04	1.23E-04	1.05E-05	5.12E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.19E-04	1.21E-04	1.23E-04	1.71E-05	4.71E-05	4.28E-04
605772	4121800	1.22E-04	1.24E-04	1.26E-04	1.11E-05	5.49E-05	4.37E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.22E-04	1.24E-04	1.26E-04	1.80E-05	5.05E-05	4.40E-04
605792	4121800	1.23E-04	1.25E-04	1.27E-04	1.17E-05	5.88E-05	4.44E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.79E-08	0.17	0.00	1.23E-04	1.25E-04	1.27E-04	1.90E-05	5.41E-05	4.47E-04
605832	4121800	1.25E-04	1.27E-04	1.29E-04	1.31E-05	6.84E-05	4.63E-04	Residence	0.00E+00	0.00E+00	1.57E-07	1.86E-08	0.18	0.00	1.25E-04	1.27E-04	1.29E-04	2.12E-05	6.30E-05	4.66E-04
605852	4121800	1.26E-04	1.29E-04	1.31E-04	1.38E-05	7.43E-05	4.74E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.91E-08	0.18	0.00	1.26E-04	1.29E-04	1.31E-04	2.25E-05	6.83E-05	4.77E-04
605872	4121800	1.26E-04	1.28E-04	1.30E-04	1.47E-05	8.08E-05	4.79E-04	Residence	0.00E+00	0.00E+00	1.63E-07	1.93E-08	0.18	0.00	1.26E-04	1.28E-04	1.30E-04	2.39E-05	7.43E-05	4.82E-04
605892	4121800	1.23E-04	1.26E-04	1.28E-04	1.56E-05	8.80E-05	4.80E-04	Residence	0.00E+00	0.00E+00	1.63E-07	1.93E-08	0.18	0.00	1.23E-04	1.26E-04	1.28E-04	2.53E-05	8.10E-05	4.83E-04
605912	4121800	1.25E-04	1.27E-04	1.29E-04	1.66E-05	9.69E-05	4.95E-04	Residence	0.00E+00	0.00E+00	1.68E-07	1.99E-08	0.19	0.00	1.25E-04	1.27E-04	1.29E-04	2.69E-05	8.91E-05	4.97E-04
605932	4121800	1.26E-04	1.28E-04	1.30E-04	1.76E-05	1.07E-04	5.09E-04	Residence	0.00E+00	0.00E+00	1.73E-07	2.05E-08	0.19	0.00	1.26E-04	1.28E-04	1.30E-04	2.87E-05	9.85E-05	5.11E-04
605952	4121800	1.26E-04	1.28E-04	1.30E-04	1.88E-05	1.19E-04	5.21E-04	Residence	0.00E+00	0.00E+00	1.77E-07	2.09E-08	0.20	0.00	1.26E-04	1.28E-04	1.30E-04	3.05E-05	1.09E-04	5.23E-04
605992	4121800	1.25E-04	1.28E-04	1.30E-04	2.13E-05	1.49E-04	5.53E-04	Worker	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.25E-04	1.28E-04	1.30E-04	3.46E-05	1.37E-04	5.55E-04
606052	4121800	1.29E-04	1.32E-04	1.34E-04	2.58E-05	2.21E-04	6.42E-04	Worker	0.00E+00	0.00E+00	2.18E-07	2.58E-08	0.24	0.00	1.29E-04	1.32E-04	1.34E-04	4.20E-05	2.04E-04	6.41E-04
606072	4121800	1.31E-04	1.34E-04	1.37E-04	2.78E-05	2.56E-04	6.86E-04	Worker	0.00E+00	0.00E+00	2.33E-07	2.76E-08	0.26	0.00	1.31E-04	1.34E-04	1.37E-04	4.51E-05	2.35E-04	6.83E-04
606152	4121800	1.58E-04	1.62E-04	1.67E-04	4.99E-05	4.81E-04	1.02E-03	Worker	0.00E+00	0.00E+00	3.46E-07	4.09E-08	0.39	0.00	1.58E-04	1.62E-04	1.67E-04	8.10E-05	4.42E-04	1.01E-03
606172	4121800	1.71E-04	1.76E-04	1.82E-04	6.79E-05	5.65E-04	1.16E-03	Worker	0.00E+00	0.00E+00	3.95E-07	4.67E-08	0.44	0.00	1.71E-04	1.76E-04	1.82E-04	1.10E-04	5.20E-04	1.16E-03
606192	4121800	1.87E-04	1.93E-04	2.00E-04	9.96E-05	6.68E-04	1.35E-03	Worker	0.00E+00	0.00E+00	4.58E-07	5.42E-08	0.51	0.00	1.87E-04	1.93E-04	2.00E-04	1.62E-04	6.15E-04	1.36E-03
606292	4121800	3.14E-04	3.26E-04	3.40E-04	4.27E-04	1.36E-03	2.77E-03	Worker	0.00E+00	0.00E+00	9.41E-07	1.11E-07	1.05	0.00	3.14E-04	3.26E-04	3.40E-04	6.94E-04	1.25E-03	2.93E-03
606312	4121800	3.76E-04	3.90E-04	4.07E-04	4.31E-04	1.29E-03	2.89E-03	Worker	0.00E+00	0.00E+00	9.84E-07	1.16E-07	1.10	0.00	3.76E-04	3.90E-04	4.07E-04	7.00E-04	1.19E-03	3.06E-03
606372	4121800	9.81E-04	1.06E-03	1.15E-03	3.21E-04	8.54E-04	4.37E-03	Worker	0.00E+00	0.00E+00	1.48E-06	1.76E-07	1.66	0.00	9.81E-04	1.06E-03	1.15E-03	5.22E-04	7.86E-04	4.50E-03
606432	4121800	2.10E-03	2.24E-03	2.37E-03	2.02E-04	5.18E-04	7.44E-03	Residence	0.00E+00	0.00E+00	2.53E-06	2.99E-07	2.83	0.00	2.10E-03	2.24E-03	2.37E-03	3.29E-04	4.77E-04	7.52E-03
606472	4121800	2.28E-03	2.34E-03	2.38E-03	1.49E-04	3.81E-04	7.54E-03	Residence	0.00E+00	0.00E+00	2.56E-06	3.03E-07	2.86	0.00	2.28E-03	2.34E-03	2.38E-03	2.42E-04	3.50E-04	7.60E-03
606492	4121800	2.20E-03	2.23E-03	2.24E-03	1.28E-04	3.29E-04	7.13E-03	Residence	0.00E+00	0.00E+00	2.42E-06	2.86E-07	2.71	0.00	2.20E-03	2.23E-03	2.24E-03	2.09E-04	3.03E-04	7.18E-03
606512	4121800	2.07E-03	2.07E-03	2.05E-03	1.11E-04	2.87E-04	6.59E-03	Residence	0.00E+00	0.00E+00	2.24E-06	2.65E-07	2.50	0.00	2.07E-03	2.07E-03	2.05E-03	1.81E-04	2.64E-04	6.63E-03
606532	4121800	1.91E-03	1.89E-03	1.86E-03	9.72E-05	2.52E-04	6.00E-03	Residence	0.00E+00	0.00E+00	2.04E-06	2.41E-07	2.28	0.00	1.91E-03	1.89E-03	1.86E-03	1.58E-04	2.32E-04	6.04E-03
606552	4121800	1.74E-03	1.71E-03	1.67E-03	8.53E-05	2.23E-04	5.43E-03	Residence	0.00E+00	0.00E+00	1.85E-06	2.18E-07	2.06	0.00	1.74E-03	1.71E-03	1.67E-03	1.39E-04	2.05E-04	5.47E-03
606572	4121800	1.58E-03	1.55E-03	1.50E-03	7.53E-05	1.98E-04	4.90E-03	Residence	0.00E+00	0.00E+00	1.67E-06	1.97E-07	1.86	0.00	1.58E-03	1.55E-03	1.50E-03	1.22E-04	1.82E-04	4.93E-03
606592	4121800	1.43E-03	1.40E-03	1.35E-03	6.69E-05	1.78E-04	4.42E-03	Residence	0.00E+00	0.00E+00	1.50E-06	1.78E-07	1.68	0.00	1.43E-03	1.40E-03	1.35E-03	1.09E-04	1.63E-04	4.45E-03
606612	4121800	1.30E-03	1.26E-03	1.22E-03	5.98E-05	1.60E-04	4.00E-03	Residence	0.00E+00	0.00E+00	1.36E-06	1.61E-07	1.52	0.00	1.30E-03	1.26E-03	1.22E-03	9.72E-05	1.47E-04	4.03E-03
606632	4121800	1.18E-03	1.15E-03	1.11E-03	5.37E-05	1.45E-04	3.63E-03	Residence	0.00E+00	0.00E+00	1.24E-06	1.46E-07	1.38	0.00	1.18E-03	1.15E-03	1.11E-03	8.73E-05	1.33E-04	3.66E-03
606652	4121800	1.08E-03	1.04E-03	1.01E-03	4.84E-05	1.31E-04	3.31E-03	Residence	0.00E+00	0.00E+00	1.12E-06	1.33E-07	1.26	0.00	1.08E-03	1.04E-03	1.01E-03	7.87E-05	1.21E-04	3.33E-03
606672	4121800	9.86E-04	9.54E-04	9.20E-04	4.39E-05	1.20E-04	3.02E-03	Residence	0.00E+00	0.00E+00	1.03E-06	1.22E-07	1.15	0.00	9.86E-04	9.54E-04	9.20E-04	7.13E-05	1.10E-04	3.04E-03
606692	4121800	9.07E-04	8.77E-04	8.47E-04	4.00E-05	1.10E-04	2.78E-03	Residence	0.00E+00	0.00E+00	9.45E-07	1.12E-07	1.06	0.00	9.07E-04	8.77E-04	8.47E-04	6.50E-05	1.01E-04	2.80E-03
606712	4121800	8.36E-04	8.09E-04	7.82E-04	3.66E-05	1.01E-04	2.56E-03	Residence	0.00E+00	0.00E+00	8.72E-07	1.03E-07	0.98	0.00	8.36E-04	8.09E-04	7.82E-04	5.94E-05	9.32E-05	2.58E-03
606732	4121800	7.73E-04	7.48E-04	7.24E-04	3.35E-05	9.35E-05	2.37E-03	Residence	0.00E+00	0.00E+00	8.06E-07	9.53E-08	0.90	0.00	7.73E-04	7.48E-04	7.24E-04	5.45E-05	8.60E-05	2.38E-03
606752	4121800	7.17E-04	6.95E-04	6.73E-04	3.09E-05	8.67E-05	2.20E-03	Residence	0.00E+00	0.00E+00	7.49E-07	8.85E-08	0.84	0.00	7.17E-04	6.95E-04	6.73E-04	5.02E-05	7.97E-05	2.21E-03
606772	4121800	6.74E-04	6.54E-04	6.34E-04	2.86E-05	8.07E-05	2.07E-03	Residence	0.00E+00	0.00E+00	7.05E-07	8.33E-08	0.79	0.00	6.74E-04	6.54E-04	6.34E-04	4.65E-05	7.42E-05	2.08E-03
606792	4121800	6.26E-04	6.07E-04	5.89E-04	2.65E-05	7.52E-05	1.92E-03	Residence	0.00E+00	0.00E+00	6.54E-07	7.73E-08	0.73	0.00	6.26E-04	6.07E-04	5.89E-04	4.30E-05	6.91E-05	1.93E-03
606812	4121800	5.85E-04	5.68E-04	5.52E-04	2.46E-05	7.02E-05	1.80E-03	Residence	0.00E+00	0.00E+00	6.12E-07	7.24E-08	0.68	0.00	5.85E-04	5.68E-04	5.52E-04	4.00E-05	6.46E-05	1.81E-03
606832	4121800	5.48E-04	5.33E-04	5.19E-04	2.30E-05	6.58E-05	1.69E-03	Residence	0.00E+00	0.00E+00	5.74E-07	6.79E-08	0.64	0.00	5.48E-04	5.33E-04	5.19E-04	3.73E-05	6.05E-05	1.70E-03

606852	4121800	5.16E-04	5.02E-04	4.89E-04	2.15E-05	6.18E-05	1.59E-03	Residence	0.00E+00	0.00E+00	5.40E-07	6.39E-08	0.60	0.00	5.16E-04	5.02E-04	4.89E-04	3.49E-05	5.68E-05	1.60E-03
606872	4121800	4.86E-04	4.73E-04	4.61E-04	2.01E-05	5.81E-05	1.50E-03	Residence	0.00E+00	0.00E+00	5.09E-07	6.02E-08	0.57	0.00	4.86E-04	4.73E-04	4.61E-04	3.27E-05	5.35E-05	1.51E-03
606892	4121800	4.58E-04	4.47E-04	4.36E-04	1.89E-05	5.48E-05	1.42E-03	Residence	0.00E+00	0.00E+00	4.81E-07	5.69E-08	0.54	0.00	4.58E-04	4.47E-04	4.36E-04	3.07E-05	5.04E-05	1.42E-03
606912	4121800	4.34E-04	4.23E-04	4.13E-04	1.78E-05	5.18E-05	1.34E-03	Residence	0.00E+00	0.00E+00	4.56E-07	5.39E-08	0.51	0.00	4.34E-04	4.23E-04	4.13E-04	2.89E-05	4.76E-05	1.35E-03
606932	4121800	4.13E-04	4.03E-04	3.94E-04	1.68E-05	4.90E-05	1.28E-03	Residence	0.00E+00	0.00E+00	4.34E-07	5.13E-08	0.48	0.00	4.13E-04	4.03E-04	3.94E-04	2.72E-05	4.51E-05	1.28E-03
605632	4121860	1.25E-04	1.28E-04	1.30E-04	1.01E-05	3.99E-05	4.33E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.74E-08	0.16	0.00	1.25E-04	1.28E-04	1.30E-04	1.64E-05	3.67E-05	4.36E-04
605652	4121860	1.26E-04	1.29E-04	1.31E-04	1.06E-05	4.22E-05	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.26E-04	1.29E-04	1.31E-04	1.73E-05	3.89E-05	4.42E-04
605672	4121860	1.30E-04	1.32E-04	1.35E-04	1.12E-05	4.49E-05	4.53E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.30E-04	1.32E-04	1.35E-04	1.83E-05	4.13E-05	4.57E-04
605692	4121860	1.34E-04	1.36E-04	1.39E-04	1.19E-05	4.79E-05	4.69E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.34E-04	1.36E-04	1.39E-04	1.94E-05	4.41E-05	4.72E-04
605712	4121860	1.36E-04	1.39E-04	1.42E-04	1.26E-05	5.11E-05	4.80E-04	Residence	0.00E+00	0.00E+00	1.63E-07	1.93E-08	0.18	0.00	1.36E-04	1.39E-04	1.42E-04	2.06E-05	4.70E-05	4.84E-04
605732	4121860	1.37E-04	1.40E-04	1.43E-04	1.34E-05	5.46E-05	4.88E-04	Residence	0.00E+00	0.00E+00	1.66E-07	1.96E-08	0.19	0.00	1.37E-04	1.40E-04	1.43E-04	2.18E-05	5.03E-05	4.92E-04
605752	4121860	1.41E-04	1.44E-04	1.47E-04	1.43E-05	5.87E-05	5.04E-04	Residence	0.00E+00	0.00E+00	1.71E-07	2.03E-08	0.19	0.00	1.41E-04	1.44E-04	1.47E-04	2.33E-05	5.40E-05	5.08E-04
605772	4121860	1.44E-04	1.48E-04	1.51E-04	1.53E-05	6.32E-05	5.21E-04	Residence	0.00E+00	0.00E+00	1.77E-07	2.10E-08	0.20	0.00	1.44E-04	1.48E-04	1.51E-04	2.49E-05	5.82E-05	5.26E-04
605792	4121860	1.48E-04	1.51E-04	1.54E-04	1.64E-05	6.83E-05	5.37E-04	Residence	0.00E+00	0.00E+00	1.83E-07	2.16E-08	0.20	0.00	1.48E-04	1.51E-04	1.54E-04	2.67E-05	6.29E-05	5.42E-04
605812	4121860	1.48E-04	1.51E-04	1.54E-04	1.76E-05	7.39E-05	5.44E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.19E-08	0.21	0.00	1.48E-04	1.51E-04	1.54E-04	2.87E-05	6.80E-05	5.49E-04
605832	4121860	1.50E-04	1.53E-04	1.57E-04	1.90E-05	8.05E-05	5.59E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.50E-04	1.53E-04	1.57E-04	3.09E-05	7.41E-05	5.64E-04
605852	4121860	1.52E-04	1.56E-04	1.59E-04	2.06E-05	8.81E-05	5.75E-04	Residence	0.00E+00	0.00E+00	1.96E-07	2.31E-08	0.22	0.00	1.52E-04	1.56E-04	1.59E-04	3.34E-05	8.11E-05	5.81E-04
605872	4121860	1.53E-04	1.57E-04	1.60E-04	2.23E-05	9.68E-05	5.88E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.37E-08	0.22	0.00	1.53E-04	1.57E-04	1.60E-04	3.62E-05	8.91E-05	5.95E-04
605892	4121860	1.50E-04	1.54E-04	1.58E-04	2.43E-05	1.07E-04	5.94E-04	Residence	0.00E+00	0.00E+00	2.02E-07	2.39E-08	0.23	0.00	1.50E-04	1.54E-04	1.58E-04	3.94E-05	9.81E-05	6.00E-04
605912	4121860	1.52E-04	1.56E-04	1.60E-04	2.65E-05	1.19E-04	6.13E-04	Residence	0.00E+00	0.00E+00	2.09E-07	2.47E-08	0.23	0.00	1.52E-04	1.56E-04	1.60E-04	4.31E-05	1.09E-04	6.20E-04
605932	4121860	1.54E-04	1.58E-04	1.62E-04	2.92E-05	1.33E-04	6.37E-04	Residence	0.00E+00	0.00E+00	2.16E-07	2.56E-08	0.24	0.00	1.54E-04	1.58E-04	1.62E-04	4.74E-05	1.22E-04	6.44E-04
605952	4121860	1.55E-04	1.59E-04	1.64E-04	3.22E-05	1.50E-04	6.60E-04	Residence	0.00E+00	0.00E+00	2.24E-07	2.65E-08	0.25	0.00	1.55E-04	1.59E-04	1.64E-04	5.23E-05	1.38E-04	6.68E-04
605972	4121860	1.55E-04	1.60E-04	1.64E-04	3.57E-05	1.70E-04	6.85E-04	Residence	0.00E+00	0.00E+00	2.33E-07	2.75E-08	0.26	0.00	1.55E-04	1.60E-04	1.64E-04	5.80E-05	1.57E-04	6.94E-04
605992	4121860	1.56E-04	1.61E-04	1.65E-04	3.98E-05	1.96E-04	7.17E-04	Residence	0.00E+00	0.00E+00	2.44E-07	2.88E-08	0.27	0.00	1.56E-04	1.61E-04	1.65E-04	6.47E-05	1.80E-04	7.26E-04
606012	4121860	1.56E-04	1.62E-04	1.67E-04	4.47E-05	2.27E-04	7.56E-04	Residence	0.00E+00	0.00E+00	2.57E-07	3.04E-08	0.29	0.00	1.56E-04	1.62E-04	1.67E-04	7.26E-05	2.09E-04	7.66E-04
606032	4121860	1.58E-04	1.63E-04	1.68E-04	5.04E-05	2.67E-04	8.06E-04	Tulip Kids Academy	0.00E+00	0.00E+00	2.74E-07	3.24E-08	0.31	0.00	1.58E-04	1.63E-04	1.68E-04	8.19E-05	2.46E-04	8.16E-04
606052	4121860	1.60E-04	1.66E-04	1.71E-04	5.73E-05	3.20E-04	8.74E-04	Tulip Kids Academy	0.00E+00	0.00E+00	2.97E-07	3.51E-08	0.33	0.00	1.60E-04	1.66E-04	1.71E-04	9.31E-05	2.94E-04	8.84E-04
606072	4121860	1.65E-04	1.70E-04	1.76E-04	6.56E-05	3.90E-04	9.68E-04	Residence	0.00E+00	0.00E+00	3.29E-07	3.89E-08	0.37	0.00	1.65E-04	1.70E-04	1.76E-04	1.07E-04	3.59E-04	9.77E-04
606612	4121860	8.46E-04	7.97E-04	7.52E-04	4.56E-05	1.30E-04	2.57E-03	Residence	0.00E+00	0.00E+00	8.74E-07	1.03E-07	0.98	0.00	8.46E-04	7.97E-04	7.52E-04	7.42E-05	1.19E-04	2.59E-03
606632	4121860	7.71E-04	7.29E-04	6.91E-04	4.12E-05	1.18E-04	2.35E-03	Residence	0.00E+00	0.00E+00	7.99E-07	9.45E-08	0.89	0.00	7.71E-04	7.29E-04	6.91E-04	6.70E-05	1.09E-04	2.37E-03
606652	4121860	7.09E-04	6.73E-04	6.40E-04	3.75E-05	1.08E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.37E-07	8.71E-08	0.82	0.00	7.09E-04	6.73E-04	6.40E-04	6.09E-05	9.94E-05	2.18E-03
606672	4121860	6.59E-04	6.28E-04	6.00E-04	3.42E-05	9.94E-05	2.02E-03	Residence	0.00E+00	0.00E+00	6.87E-07	8.12E-08	0.77	0.00	6.59E-04	6.28E-04	6.00E-04	5.57E-05	9.14E-05	2.03E-03
606692	4121860	6.16E-04	5.89E-04	5.64E-04	3.14E-05	9.17E-05	1.89E-03	Residence	0.00E+00	0.00E+00	6.43E-07	7.60E-08	0.72	0.00	6.16E-04	5.89E-04	5.64E-04	5.11E-05	8.44E-05	1.90E-03
606712	4121860	5.77E-04	5.53E-04	5.31E-04	2.90E-05	8.50E-05	1.77E-03	Residence	0.00E+00	0.00E+00	6.03E-07	7.13E-08	0.67	0.00	5.77E-04	5.53E-04	5.31E-04	4.71E-05	7.82E-05	1.79E-03
606732	4121860	5.43E-04	5.22E-04	5.03E-04	2.68E-05	7.90E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.69E-07	6.73E-08	0.64	0.00	5.43E-04	5.22E-04	5.03E-04	4.36E-05	7.27E-05	1.68E-03
606752	4121860	5.13E-04	4.94E-04	4.77E-04	2.49E-05	7.37E-05	1.58E-03	Residence	0.00E+00	0.00E+00	5.38E-07	6.36E-08	0.60	0.00	5.13E-04	4.94E-04	4.77E-04	4.04E-05	6.78E-05	1.59E-03
606772	4121860	4.88E-04	4.72E-04	4.56E-04	2.32E-05	6.89E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.13E-07	6.06E-08	0.57	0.00	4.88E-04	4.72E-04	4.56E-04	3.77E-05	6.34E-05	1.52E-03
606792	4121860	4.60E-04	4.46E-04	4.32E-04	2.16E-05	6.46E-05	1.42E-03	Residence	0.00E+00	0.00E+00	4.84E-07	5.72E-08	0.54	0.00	4.60E-04	4.46E-04	4.32E-04	3.52E-05	5.94E-05	1.43E-03
606812	4121860	4.36E-04	4.23E-04	4.10E-04	2.03E-05	6.06E-05	1.35E-03	Residence	0.00E+00	0.00E+00	4.59E-07	5.43E-08	0.51	0.00	4.36E-04	4.23E-04	4.10E-04	3.29E-05	5.58E-05	1.36E-03
606832	4121860	4.14E-04	4.02E-04	3.91E-04	1.90E-05	5.71E-05	1.28E-03	Residence	0.00E+00	0.00E+00	4.36E-07	5.16E-08	0.49	0.00	4.14E-04	4.02E-04	3.91E-04	3.09E-05	5.25E-05	1.29E-03
606852	4121860	3.94E-04	3.83E-04	3.73E-04	1.79E-05	5.38E-05	1.22E-03	Residence	0.00E+00	0.00E+00	4.15E-07	4.91E-08	0.46	0.00	3.94E-04	3.83E-04	3.73E-04	2.90E-05	4.95E-05	1.23E-03
605632	4121880	1.33E-04	1.36E-04	1.38E-04	1.10E-05	4.16E-05	4.60E-04	Residence	0.00E+00	0.00E+00	1.57E-07	1.85E-08	0.18	0.00	1.33E-04	1.36E-04	1.38E-04	1.79E-05	3.83E-05	4.64E-04
605652	4121880	1.34E-04	1.37E-04	1.39E-04	1.17E-05	4.41E-05	4.66E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.87E-08	0.18	0.00	1.34E-04	1.37E-04	1.39E-04	1.89E-05	4.06E-05	4.70E-04
605672	4121880	1.39E-04	1.42E-04	1.44E-04	1.24E-05	4.70E-05	4.84E-04	Residence	0.00E+00	0.00E+00	1.65E-07	1.95E-08	0.18	0.00	1.39E-04	1.42E-04	1.44E-04	2.01E-05	4.32E-05	4.88E-04
605692	4121880	1.43E-04	1.46E-04	1.49E-04	1.32E-05	5.02E-05	5.02E-04	Residence	0.00E+00	0.00E+00	1.71E-07	2.02E-08	0.19	0.00	1.43E-04	1.46E-04	1.49E-04	2.14E-05	4.61E-05	5.06E-04
605712	4121880	1.46E-04	1.49E-04	1.52E-04	1.40E-05	5.36E-05	5.15E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.07E-08	0.20	0.00	1.46E-04	1.49E-04	1.52E-04	2.28E-05	4.93E-05	5.19E-04
605732	4121880	1.47E-04	1.50E-04	1.53E-04	1.50E-05	5.74E-05	5.23E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.10E-08	0.20	0.00	1.47E-04	1.50E-04	1.53E-04	2.43E-05	5.28E-05	5.28E-04
605752	4121880	1.52E-04	1.55E-04	1.58E-04	1.60E-05	6.18E-05	5.43E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.18E-08	0.21	0.00	1.52E-04	1.55E-04	1.58E-04	2.61E-05	5.68E-05	5.48E-04
605772	4121880	1.57E-04	1.60E-04	1.64E-04	1.73E-05	6.68E-05	5.65E-04	Residence	0.00E+00	0.00E+00	1.92E-07	2.27E-08	0.21	0.00	1.57E-04	1.60E-04	1.64E-04	2.80E-05	6.14E-05	5.70E-04
605792	4121880	1.59E-04	1.63E-04	1.67E-04	1.86E-05	7.23E-05	5.81E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.59E-04	1.63E-04	1.67E-04	3.02E-05	6.65E-05	5.87E-04
605812	4121880	1.59E-04	1.63E-04	1.67E-04	2.01E-05	7.84E-05	5.88E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.37E-08	0.22	0.00	1.59E-04	1.63E-04	1.67E-04	3.26E-05	7.21E-05	5.95E-04
605832	4121880	1.62E-04	1.67E-04	1.71E-04	2.18E-05	8.56E-05	6.07E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.62E-04	1.67E-04	1.71E-04	3.54E-05	7.88E-05	6.13E-04
605852	4121880	1.66E-04	1.71E-04	1.75E-04	2.38E-05	9.41E-05	6.29E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.66E-04	1.71E-04	1.75E-04	3.86E-05	8.66E-05	6.37E-04
605872	4121880	1.67E-04	1.72E-04	1.77E-04	2.60E-05	1.04E-04	6.46E-04	Residence	0.00E+00	0.00E+00	2.20E-07	2.60E-08	0.25	0.00	1.67E-04	1.72E-04	1.77E-04	4.22E-05	9.54E-05	6.54E-04
605892	4121880	1.64E-04	1.69E-04	1.74E-04	2.85E-05	1.15E-04	6.51E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.62E-08	0.25	0.00	1.64E-04	1.69E-04	1.74E-04	4.64E-05	1.06E-04	6.60E-04
605912	4121880	1.66E-04	1.72E-04	1.77E-04	3.16E-05	1.28E-04	6.75E-04	Residence	0.00E+00	0.00E+00	2.29E-07	2.71E-08	0.26	0.00	1.66E-04	1.72E-04	1.77E-04	5.13E-05	1.18E-04	6.84E-04
605932	4121880	1.68E-04	1.74E-04	1.79E-04	3.51E-05	1.44E-04	6.99E-04	Residence	0.00E+00	0.00E+00	2.38E-07	2.81E-08	0.27	0.00	1.68E-04	1.74E-04	1.79E-04	5.70E-05	1.33E-04	7.10E-04
605952	4121880	1.70E-04	1.76E-04	1.82E-04	3.93E-05	1.64E-04	7.31E-04	Residence	0.00E+00	0.00E+00	2.49E-07	2.94E-08	0.28	0.00	1.70E-04	1.76E-04	1.82E-04	6.38E-05	1.51E-04	7.42E-04
605972	4121880	1.71E-04	1.77E-04	1.83E-04	4.43E-05	1.87E-04	7.63E-04	Residence	0.00E+00	0.00E+00	2.60E-07	3.07E-08	0.29	0.00	1.71E-04	1.77E-04	1.83E-04	7.19E-05	1.72E-04	7.76E-04
605992	4121880	1.72E-04	1.79E-04	1.85E-04	5.03E-05	2.17E-04	8.04E-04	Residence	0.00E+00	0.00E+00	2.73E-07	3.23E-08	0.31	0.00	1.72E-04	1.79E-04	1.85E-04	8.17E-05	1.99E-04	8.18E-04
606012	4121880	1.73E-04	1.80E-04	1.88E-04	5.77E-05	2.54E-04	8.53E-04	Residence	0.00E+00	0.00E+00	2.90E-07	3.43E-08	0.32	0.00	1.73E-04	1.80E-04	1.88E-04	9.37E-05	2.34E-04	8.69E-04
606032	4121880	1.75E-04	1.82E-04	1.90E-04	6.68E-05	3.03E-04	9.16E-04	Tulip Kids Academy	0.00E+00	0.00E+00	3.12E-07	3.68E-08	0.35	0.00	1.75E-04	1.82E-04	1.90E-04	1.09E-04	2.78E-04	9.34E-04
606052	4121880	1.78E-04	1.86E-04	1.94E-04	7.84E-05	3.67E-04	1.00E-03	Tulip Kids Academy	0.00E+00	0.00E+00	3.41E-07	4.03E-08	0.38	0.00	1.78E-04	1.86E-04	1.94E-04	1.27E-04	3.38E-04	1.02E-03
606072	4121880	1.83E-04	1.91E-04	2.00E-04	9.32E-05	4.56E-04	1.12E-03	Residence	0.00E+00	0.00E+00	3.82E-07	4.51E-08	0.43	0.00	1.83E-04	1.91E-04	2.00E-04	1.51E-04	4.19E-04	1.14E-03
606452	4121880	1.69E-03	1.48E-03	1.29E-03	1.15E-04	3.09E-04	4.88E-03	Worker	0.00E+00	0.00E+00	1.66E-06	1.96E-07	1.86	0.00	1.69E-03	1.48E-03	1.29E-03	1.87E-04	2.84E-04	4.93E-03
606472	4121880	1.45E-03	1.29E-03	1.14E-03	9.76E-05	2.66E-04	4.25E-03	Worker	0.00E+00	0.00E+00	1.44E-06	1.71E-07	1.61	0.00	1.45E-03	1.29E-03	1.14E-03	1.59E-04	2.45E-04	4.29E-03
606492	4121880	1.27E-03	1.13E-03	1.02E-03	8.40E-05	2.32E-04	3.73E-03	Residence	0.00E+00	0.00E+00	1.27E-06	1.50E-07	1.42	0.00	1.27E-03	1.13E-03	1.02E-03	1.36E-04	2.13E-04	3.77E-03
606512	4121880	1.12E-03	1.01E-03	9.19E-04	7.30E-05	2.04E-04	3.32E-03	Residence	0.00E+00	0.00E+00	1.13E-06	1.34E-07	1.26	0.00	1.12E-03	1.01E-03	9.19E-04	1.19E-04	1.88E-04	3.35E-03
606532	4121880	9.97E-04	9.11E-04	8.36E-04	6.42E-05	1.81E-04	2.99E-03	Residence	0.00E+00	0.00E+00	1.02E-06	1.20E-07	1.14	0.00	9.97E-04	9.11E-04	8.36E-04	1.04E-04	1.67E-04	3.01E-03
606552	4121880	9.00E-04	8.29E-04	7.67E-04	5.69E-05	1.62E-04	2.72E-03	Residence	0.00E+00	0.00E+00	9.23E-07	1.09E-07	1.03	0.00	9.00E-04	8.29E-04	7.67E-04	9.24E-05	1.49E-04	2.74E-03
606572	4121880	8.24E-04	7.65E-04	7.13E-04	5.09E-05	1.46E-04	2.50E-03	Residence	0.00E+00	0.00E+00	8.50E-07	1.00E-07	0.95	0.00	8.24E-04	7.65E-04	7.13E-04	8.27E-05	1.34E-04	2.52E-03
606592	4121880	7.58E-04	7.08E-04	6.64E-04	4.57E-05	1.32E-04	2.31E-03	Residence	0.00E+00	0.00E+00	7.85E-07	9.28E-08	0.88	0.00	7.58E-04	7.08E-04	6.64E-04	7.43E-05	1.22E-04	2.33E-03
606612	4121880	6.98E-04	6.56E-04	6.19E-04	4.13E-05	1.20E-04	2.13E-03	Residence	0.00E+00	0.00E+00	7.25E-07	8.58E-08	0.81	0.00	6.98E-04	6.56E-04	6.19E-04	6.71E-05	1.11E-04	2.15E-03
606632	4121880	6.44E-04	6.09E-04	5.77E-04	3.75E-05	1.10E-04	1.98E-03	Residence	0.00E+00	0.00E+00	6.72E-07	7.95E-08	0.75	0.00	6.44E-04	6.09E-04	5.77E-04	6.09E-05	1.01E-04	1.99E-03
606652	4121880	6.00E-04	5.69E-04	5.42E-04	3.42E-05	1.01E-04	1.85E-03	Residence	0.00E+00	0.00E+00	6.28E-07	7.42E-08	0.70	0.00	6.00E-04	5.69E-04	5.42E-04	5.55E-05	9.28E-05	1.86E-03
606672	4121880	5.65E-04	5.39E-04	5.15E-04	3.14E-05	9.31E-05	1.74E-03	Residence	0.00E+00	0.00E+00	5.93E-07	7.01E-08	0.66	0.00	5.65E-04	5.39E-04	5.15E-04	5.10E-05	8.56E-05	1.76E-03
606692	4121880	5.33E-04	5.10E-04	4.89E-04	2.89E-05	8.62E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.60E-07	6.62E-08	0.63	0.00	5.33E-04	5.10E-04	4.89E-04	4.70E-05	7.93E-05	1.66E-03
606712	4121880	5.04E-04	4.83E-04	4.65E-04	2.68E-05	8.00E-05	1.56E-03	Residence	0.00E+00	0.00E+00	5.30E-07	6.27E-08	0.59	0.00	5.04E-04	4.83E-04	4.65E-04	4.35E-05	7.36E-05	1.57E-03
606732	4121880	4.78E-04	4.60E-04	4.44E-04	2.48E-05	7.46E-05	1.48E-03	Residence	0.00E+00	0.00E+00	5.04E-07	5.96E-08	0.56	0.00	4.78E-04	4.60E-04	4.44E-04	4.04E-05	6.86E-05	1.49E-03
606752	4121880	4.55E-04	4.39E-04	4.24E-04	2.31E-05	6.97E-05	1.41E-03	Residence	0.00E+00	0.00E+00	4.80E-07	5.67E-08	0.54	0.00	4.55E-04	4.39E-04	4.24E-04	3.76E-05	6.41E-05	1.42E-03
606772	4121880	4.36E-04	4.22E-04	4.08E-04	2.16E-05	6.54E-05	1.35E-03	Residence	0.00E+00	0.00E+00	4.60E-07	5.44E-08	0.51	0.00	4.36E-04	4.22E-04	4.08E-04	3.51E-05	6.01E-05	1.36E-03
606792	4121880	4.14E-04	4.01E-04	3.89E-04	2.02E-05	6.13E-05	1.28E-03	Residence	0.00E+00	0.00E+00	4.37E-07	5.16E-08	0.49	0.00	4.14E-04	4.01E-04	3.89E-04	3.29E-05	5.64E-05	1.29E-03
606812	4121880	3.94E-04	3.82E-04	3.71E-04	1.90E-05	5.77E-05	1.22E-03	Residence	0.00E+00	0.00E+00	4.16E-07	4.92E-08	0.47	0.00	3.94E-04	3.82E-04	3.71E-04	3.08E-05	5.31E-05	1.23E-03

606832	4121880	3.75E-04	3.65E-04	3.55E-04	1.78E-05	5.44E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.97E-07	4.69E-08	0.44	0.00	3.75E-04	3.65E-04	3.55E-04	2.90E-05	5.01E-05	1.17E-03
606852	4121880	3.59E-04	3.49E-04	3.40E-04	1.68E-05	5.14E-05	1.12E-03	Residence	0.00E+00	0.00E+00	3.79E-07	4.48E-08	0.42	0.00	3.59E-04	3.49E-04	3.40E-04	2.73E-05	4.73E-05	1.12E-03
605632	4121900	1.42E-04	1.45E-04	1.48E-04	1.21E-05	4.34E-05	4.91E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.97E-08	0.19	0.00	1.42E-04	1.45E-04	1.48E-04	1.96E-05	3.99E-05	4.95E-04
605652	4121900	1.43E-04	1.46E-04	1.49E-04	1.28E-05	4.60E-05	4.97E-04	Residence	0.00E+00	0.00E+00	1.69E-07	2.00E-08	0.19	0.00	1.43E-04	1.46E-04	1.49E-04	2.08E-05	4.24E-05	5.01E-04
605672	4121900	1.48E-04	1.51E-04	1.54E-04	1.37E-05	4.91E-05	5.16E-04	Residence	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.48E-04	1.51E-04	1.54E-04	2.22E-05	4.52E-05	5.21E-04
605692	4121900	1.53E-04	1.57E-04	1.60E-04	1.46E-05	5.26E-05	5.37E-04	Residence	0.00E+00	0.00E+00	1.82E-07	2.16E-08	0.20	0.00	1.53E-04	1.57E-04	1.60E-04	2.37E-05	4.84E-05	5.41E-04
605712	4121900	1.57E-04	1.61E-04	1.64E-04	1.56E-05	5.63E-05	5.53E-04	Residence	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.57E-04	1.61E-04	1.64E-04	2.54E-05	5.18E-05	5.59E-04
605732	4121900	1.58E-04	1.62E-04	1.65E-04	1.68E-05	6.04E-05	5.62E-04	Residence	0.00E+00	0.00E+00	1.91E-07	2.26E-08	0.21	0.00	1.58E-04	1.62E-04	1.65E-04	2.72E-05	5.55E-05	5.68E-04
605752	4121900	1.63E-04	1.67E-04	1.71E-04	1.80E-05	6.52E-05	5.85E-04	Residence	0.00E+00	0.00E+00	1.99E-07	2.35E-08	0.22	0.00	1.63E-04	1.67E-04	1.71E-04	2.93E-05	5.99E-05	5.91E-04
605772	4121900	1.70E-04	1.74E-04	1.78E-04	1.95E-05	7.06E-05	6.12E-04	Residence	0.00E+00	0.00E+00	2.08E-07	2.46E-08	0.23	0.00	1.70E-04	1.74E-04	1.78E-04	3.17E-05	6.50E-05	6.18E-04
605792	4121900	1.73E-04	1.78E-04	1.82E-04	2.11E-05	7.66E-05	6.30E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.73E-04	1.78E-04	1.82E-04	3.43E-05	7.05E-05	6.37E-04
605812	4121900	1.73E-04	1.78E-04	1.83E-04	2.30E-05	8.33E-05	6.40E-04	Residence	0.00E+00	0.00E+00	2.18E-07	2.57E-08	0.24	0.00	1.73E-04	1.78E-04	1.83E-04	3.73E-05	7.67E-05	6.48E-04
605832	4121900	1.77E-04	1.82E-04	1.87E-04	2.51E-05	9.14E-05	6.64E-04	Residence	0.00E+00	0.00E+00	2.26E-07	2.67E-08	0.25	0.00	1.77E-04	1.82E-04	1.87E-04	4.08E-05	8.41E-05	6.72E-04
605852	4121900	1.82E-04	1.87E-04	1.93E-04	2.76E-05	1.01E-04	6.90E-04	Residence	0.00E+00	0.00E+00	2.35E-07	2.77E-08	0.26	0.00	1.82E-04	1.87E-04	1.93E-04	4.48E-05	9.27E-05	7.00E-04
605872	4121900	1.83E-04	1.90E-04	1.95E-04	3.04E-05	1.11E-04	7.10E-04	Residence	0.00E+00	0.00E+00	2.42E-07	2.86E-08	0.27	0.00	1.83E-04	1.90E-04	1.95E-04	4.95E-05	1.03E-04	7.20E-04
605892	4121900	1.81E-04	1.88E-04	1.93E-04	3.38E-05	1.24E-04	7.20E-04	Residence	0.00E+00	0.00E+00	2.45E-07	2.89E-08	0.27	0.00	1.81E-04	1.88E-04	1.93E-04	5.49E-05	1.14E-04	7.31E-04
605912	4121900	1.83E-04	1.89E-04	1.95E-04	3.78E-05	1.39E-04	7.44E-04	Residence	0.00E+00	0.00E+00	2.53E-07	2.99E-08	0.28	0.00	1.83E-04	1.89E-04	1.95E-04	6.14E-05	1.28E-04	7.57E-04
605932	4121900	1.85E-04	1.92E-04	1.99E-04	4.25E-05	1.57E-04	7.75E-04	Residence	0.00E+00	0.00E+00	2.64E-07	3.12E-08	0.29	0.00	1.85E-04	1.92E-04	1.99E-04	6.91E-05	1.45E-04	7.89E-04
605952	4121900	1.88E-04	1.95E-04	2.02E-04	4.83E-05	1.80E-04	8.13E-04	Residence	0.00E+00	0.00E+00	2.76E-07	3.27E-08	0.31	0.00	1.88E-04	1.95E-04	2.02E-04	7.86E-05	1.65E-04	8.29E-04
605972	4121900	1.91E-04	2.00E-04	2.07E-04	5.55E-05	2.08E-04	8.61E-04	Residence	0.00E+00	0.00E+00	2.93E-07	3.46E-08	0.33	0.00	1.91E-04	2.00E-04	2.07E-04	9.02E-05	1.91E-04	8.80E-04
605992	4121900	1.95E-04	2.04E-04	2.12E-04	6.44E-05	2.43E-04	9.18E-04	Residence	0.00E+00	0.00E+00	3.12E-07	3.69E-08	0.35	0.00	1.95E-04	2.04E-04	2.12E-04	1.05E-04	2.23E-04	9.39E-04
606012	4121900	1.98E-04	2.08E-04	2.17E-04	7.58E-05	2.88E-04	9.87E-04	Residence	0.00E+00	0.00E+00	3.36E-07	3.97E-08	0.38	0.00	1.98E-04	2.08E-04	2.17E-04	1.23E-04	2.65E-04	1.01E-03
606032	4121900	2.02E-04	2.13E-04	2.24E-04	9.06E-05	3.48E-04	1.08E-03	Residence	0.00E+00	0.00E+00	3.66E-07	4.33E-08	0.41	0.00	2.02E-04	2.13E-04	2.24E-04	1.47E-04	3.20E-04	1.11E-03
606052	4121900	2.07E-04	2.18E-04	2.31E-04	1.10E-04	4.29E-04	1.20E-03	Residence	0.00E+00	0.00E+00	4.06E-07	4.80E-08	0.45	0.00	2.07E-04	2.18E-04	2.31E-04	1.79E-04	3.95E-04	1.23E-03
606072	4121900	2.12E-04	2.25E-04	2.38E-04	1.38E-04	5.44E-04	1.36E-03	Residence	0.00E+00	0.00E+00	4.61E-07	5.45E-08	0.52	0.00	2.12E-04	2.25E-04	2.38E-04	2.24E-04	5.00E-04	1.40E-03
606452	4121900	1.09E-03	9.37E-04	8.21E-04	9.76E-05	2.73E-04	3.22E-03	Worker	0.00E+00	0.00E+00	1.09E-06	1.29E-07	1.22	0.00	1.09E-03	9.37E-04	8.21E-04	1.59E-04	2.51E-04	3.25E-03
606472	4121900	9.82E-04	8.62E-04	7.68E-04	8.37E-05	2.37E-04	2.93E-03	Worker	0.00E+00	0.00E+00	9.97E-07	1.18E-07	1.11	0.00	9.82E-04	8.62E-04	7.68E-04	1.36E-04	2.18E-04	2.97E-03
606492	4121900	8.91E-04	7.95E-04	7.18E-04	7.28E-05	2.08E-04	2.69E-03	Residence	0.00E+00	0.00E+00	9.13E-07	1.08E-07	1.02	0.00	8.91E-04	7.95E-04	7.18E-04	1.18E-04	1.91E-04	2.71E-03
606512	4121900	8.16E-04	7.37E-04	6.73E-04	6.39E-05	1.85E-04	2.47E-03	Residence	0.00E+00	0.00E+00	8.41E-07	9.95E-08	0.94	0.00	8.16E-04	7.37E-04	6.73E-04	1.04E-04	1.70E-04	2.50E-03
606532	4121900	7.52E-04	6.87E-04	6.34E-04	5.66E-05	1.65E-04	2.29E-03	Residence	0.00E+00	0.00E+00	7.80E-07	9.22E-08	0.87	0.00	7.52E-04	6.87E-04	6.34E-04	9.20E-05	1.52E-04	2.32E-03
606552	4121900	6.97E-04	6.43E-04	5.98E-04	5.05E-05	1.48E-04	2.14E-03	Residence	0.00E+00	0.00E+00	7.27E-07	8.59E-08	0.81	0.00	6.97E-04	6.43E-04	5.98E-04	8.21E-05	1.36E-04	2.16E-03
606572	4121900	6.53E-04	6.07E-04	5.68E-04	4.55E-05	1.34E-04	2.01E-03	Residence	0.00E+00	0.00E+00	6.83E-07	8.07E-08	0.76	0.00	6.53E-04	6.07E-04	5.68E-04	7.39E-05	1.24E-04	2.03E-03
606592	4121900	6.13E-04	5.73E-04	5.40E-04	4.11E-05	1.22E-04	1.89E-03	Residence	0.00E+00	0.00E+00	6.43E-07	7.60E-08	0.72	0.00	6.13E-04	5.73E-04	5.40E-04	6.68E-05	1.12E-04	1.91E-03
606612	4121900	5.75E-04	5.41E-04	5.12E-04	3.74E-05	1.12E-04	1.78E-03	Residence	0.00E+00	0.00E+00	6.04E-07	7.14E-08	0.68	0.00	5.75E-04	5.41E-04	5.12E-04	6.07E-05	1.03E-04	1.79E-03
606632	4121900	5.40E-04	5.11E-04	4.86E-04	3.41E-05	1.02E-04	1.67E-03	Residence	0.00E+00	0.00E+00	5.69E-07	6.72E-08	0.64	0.00	5.40E-04	5.11E-04	4.86E-04	5.54E-05	9.42E-05	1.69E-03
606652	4121900	5.10E-04	4.85E-04	4.63E-04	3.12E-05	9.43E-05	1.58E-03	Residence	0.00E+00	0.00E+00	5.38E-07	6.36E-08	0.60	0.00	5.10E-04	4.85E-04	4.63E-04	5.08E-05	8.67E-05	1.59E-03
606672	4121900	4.87E-04	4.65E-04	4.45E-04	2.88E-05	8.73E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.15E-07	6.08E-08	0.58	0.00	4.87E-04	4.65E-04	4.45E-04	4.69E-05	8.03E-05	1.52E-03
606692	4121900	4.63E-04	4.43E-04	4.26E-04	2.67E-05	8.10E-05	1.44E-03	Residence	0.00E+00	0.00E+00	4.90E-07	5.79E-08	0.55	0.00	4.63E-04	4.43E-04	4.26E-04	4.33E-05	7.45E-05	1.45E-03
606712	4121900	4.42E-04	4.25E-04	4.09E-04	2.47E-05	7.55E-05	1.38E-03	Residence	0.00E+00	0.00E+00	4.68E-07	5.53E-08	0.52	0.00	4.42E-04	4.25E-04	4.09E-04	4.02E-05	6.94E-05	1.39E-03
606732	4121900	4.23E-04	4.08E-04	3.94E-04	2.30E-05	7.05E-05	1.32E-03	Residence	0.00E+00	0.00E+00	4.48E-07	5.30E-08	0.50	0.00	4.23E-04	4.08E-04	3.94E-04	3.75E-05	6.49E-05	1.33E-03
606752	4121900	4.06E-04	3.92E-04	3.80E-04	2.15E-05	6.60E-05	1.27E-03	Residence	0.00E+00	0.00E+00	4.30E-07	5.09E-08	0.48	0.00	4.06E-04	3.92E-04	3.80E-04	3.50E-05	6.08E-05	1.27E-03
606772	4121900	3.90E-04	3.78E-04	3.66E-04	2.02E-05	6.20E-05	1.22E-03	Residence	0.00E+00	0.00E+00	4.14E-07	4.89E-08	0.46	0.00	3.90E-04	3.78E-04	3.66E-04	3.28E-05	5.71E-05	1.22E-03
606792	4121900	3.74E-04	3.62E-04	3.52E-04	1.89E-05	5.83E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.96E-07	4.68E-08	0.44	0.00	3.74E-04	3.62E-04	3.52E-04	3.08E-05	5.37E-05	1.17E-03
606812	4121900	3.58E-04	3.48E-04	3.39E-04	1.78E-05	5.50E-05	1.12E-03	Residence	0.00E+00	0.00E+00	3.80E-07	4.49E-08	0.43	0.00	3.58E-04	3.48E-04	3.39E-04	2.89E-05	5.06E-05	1.12E-03
606832	4121900	3.44E-04	3.35E-04	3.26E-04	1.68E-05	5.20E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.32E-08	0.41	0.00	3.44E-04	3.35E-04	3.26E-04	2.73E-05	4.78E-05	1.08E-03
606852	4121900	3.31E-04	3.22E-04	3.14E-04	1.59E-05	4.92E-05	1.03E-03	Residence	0.00E+00	0.00E+00	3.51E-07	4.15E-08	0.39	0.00	3.31E-04	3.22E-04	3.14E-04	2.58E-05	4.52E-05	1.04E-03
605632	4121920	1.52E-04	1.55E-04	1.58E-04	1.33E-05	4.53E-05	5.24E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.11E-08	0.20	0.00	1.52E-04	1.55E-04	1.58E-04	2.16E-05	4.17E-05	5.29E-04
605652	4121920	1.53E-04	1.57E-04	1.60E-04	1.41E-05	4.82E-05	5.32E-04	Residence	0.00E+00	0.00E+00	1.81E-07	2.14E-08	0.20	0.00	1.53E-04	1.57E-04	1.60E-04	2.30E-05	4.43E-05	5.37E-04
605672	4121920	1.59E-04	1.62E-04	1.66E-04	1.51E-05	5.15E-05	5.53E-04	Residence	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.59E-04	1.62E-04	1.66E-04	2.46E-05	4.74E-05	5.59E-04
605692	4121920	1.65E-04	1.68E-04	1.72E-04	1.62E-05	5.52E-05	5.77E-04	Residence	0.00E+00	0.00E+00	1.96E-07	2.32E-08	0.22	0.00	1.65E-04	1.68E-04	1.72E-04	2.63E-05	5.08E-05	5.82E-04
605712	4121920	1.69E-04	1.73E-04	1.77E-04	1.74E-05	5.92E-05	5.96E-04	Residence	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.69E-04	1.73E-04	1.77E-04	2.83E-05	5.45E-05	6.03E-04
605732	4121920	1.71E-04	1.75E-04	1.79E-04	1.87E-05	6.36E-05	6.07E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.71E-04	1.75E-04	1.79E-04	3.05E-05	5.85E-05	6.14E-04
605752	4121920	1.77E-04	1.82E-04	1.86E-04	2.03E-05	6.89E-05	6.34E-04	Residence	0.00E+00	0.00E+00	2.16E-07	2.55E-08	0.24	0.00	1.77E-04	1.82E-04	1.86E-04	3.30E-05	6.33E-05	6.42E-04
605772	4121920	1.84E-04	1.89E-04	1.94E-04	2.21E-05	7.48E-05	6.63E-04	Residence	0.00E+00	0.00E+00	2.26E-07	2.67E-08	0.25	0.00	1.84E-04	1.89E-04	1.94E-04	3.58E-05	6.88E-05	6.71E-04
605792	4121920	1.88E-04	1.93E-04	1.99E-04	2.40E-05	8.14E-05	6.86E-04	Residence	0.00E+00	0.00E+00	2.33E-07	2.76E-08	0.26	0.00	1.88E-04	1.93E-04	1.99E-04	3.91E-05	7.49E-05	6.94E-04
605812	4121920	1.90E-04	1.95E-04	2.01E-04	2.63E-05	8.88E-05	7.00E-04	Residence	0.00E+00	0.00E+00	2.38E-07	2.82E-08	0.27	0.00	1.90E-04	1.95E-04	2.01E-04	4.27E-05	8.17E-05	7.10E-04
605832	4121920	1.95E-04	2.01E-04	2.07E-04	2.90E-05	9.77E-05	7.30E-04	Residence	0.00E+00	0.00E+00	2.48E-07	2.94E-08	0.28	0.00	1.95E-04	2.01E-04	2.07E-04	4.71E-05	8.99E-05	7.40E-04
605852	4121920	2.00E-04	2.07E-04	2.14E-04	3.21E-05	1.08E-04	7.61E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.06E-08	0.29	0.00	2.00E-04	2.07E-04	2.14E-04	5.21E-05	9.95E-05	7.73E-04
605872	4121920	2.03E-04	2.11E-04	2.18E-04	3.57E-05	1.20E-04	7.87E-04	Residence	0.00E+00	0.00E+00	2.68E-07	3.16E-08	0.30	0.00	2.03E-04	2.11E-04	2.18E-04	5.80E-05	1.11E-04	8.00E-04
605892	4121920	2.02E-04	2.10E-04	2.17E-04	4.00E-05	1.34E-04	8.03E-04	Residence	0.00E+00	0.00E+00	2.73E-07	3.23E-08	0.31	0.00	2.02E-04	2.10E-04	2.17E-04	6.50E-05	1.23E-04	8.17E-04
605912	4121920	2.08E-04	2.16E-04	2.24E-04	4.53E-05	1.52E-04	8.44E-04	Residence	0.00E+00	0.00E+00	2.87E-07	3.39E-08	0.32	0.00	2.08E-04	2.16E-04	2.24E-04	7.36E-05	1.40E-04	8.60E-04
605932	4121920	2.13E-04	2.22E-04	2.30E-04	5.17E-05	1.73E-04	8.89E-04	Residence	0.00E+00	0.00E+00	3.02E-07	3.57E-08	0.34	0.00	2.13E-04	2.22E-04	2.30E-04	8.40E-05	1.59E-04	9.08E-04
605952	4121920	2.16E-04	2.26E-04	2.36E-04	5.96E-05	1.99E-04	9.36E-04	Residence	0.00E+00	0.00E+00	3.18E-07	3.76E-08	0.36	0.00	2.16E-04	2.26E-04	2.36E-04	9.68E-05	1.83E-04	9.58E-04
605972	4121920	2.20E-04	2.31E-04	2.42E-04	6.95E-05	2.31E-04	9.94E-04	Residence	0.00E+00	0.00E+00	3.38E-07	4.00E-08	0.38	0.00	2.20E-04	2.31E-04	2.42E-04	1.13E-04	2.13E-04	1.02E-03
605992	4121920	2.25E-04	2.37E-04	2.49E-04	8.23E-05	2.73E-04	1.07E-03	Residence	0.00E+00	0.00E+00	3.62E-07	4.28E-08	0.41	0.00	2.25E-04	2.37E-04	2.49E-04	1.34E-04	2.51E-04	1.10E-03
606012	4121920	2.29E-04	2.43E-04	2.56E-04	9.92E-05	3.28E-04	1.16E-03	Residence	0.00E+00	0.00E+00	3.93E-07	4.64E-08	0.44	0.00	2.29E-04	2.43E-04	2.56E-04	1.61E-04	3.02E-04	1.19E-03
606032	4121920	2.36E-04	2.51E-04	2.66E-04	1.22E-04	4.02E-04	1.28E-03	Residence	0.00E+00	0.00E+00	4.34E-07	5.13E-08	0.49	0.00	2.36E-04	2.51E-04	2.66E-04	1.99E-04	3.70E-04	1.32E-03
606052	4121920	2.45E-04	2.61E-04	2.78E-04	1.55E-04	5.05E-04	1.44E-03	Residence	0.00E+00	0.00E+00	4.91E-07	5.80E-08	0.55	0.00	2.45E-04	2.61E-04	2.78E-04	2.51E-04	4.65E-04	1.50E-03
606072	4121920	2.56E-04	2.74E-04	2.94E-04	2.03E-04	6.57E-04	1.68E-03	Residence	0.00E+00	0.00E+00	5.73E-07	6.77E-08	0.64	0.00	2.56E-04	2.74E-04	2.94E-04	3.30E-04	6.04E-04	1.76E-03
606452	4121920	7.04E-04	6.24E-04	5.65E-04	8.27E-05	2.41E-04	2.22E-03	Worker	0.00E+00	0.00E+00	7.54E-07	8.91E-08	0.84	0.00	7.04E-04	6.24E-04	5.65E-04	1.34E-04	2.22E-04	2.25E-03
606472	4121920	6.70E-04	6.00E-04	5.47E-04	7.19E-05	2.12E-04	2.10E-03	Worker	0.00E+00	0.00E+00	7.14E-07	8.45E-08	0.80	0.00	6.70E-04	6.00E-04	5.47E-04	1.17E-04	1.95E-04	2.13E-03
606532	4121920	5.74E-04	5.30E-04	4.94E-04	5.01E-05	1.51E-04	1.80E-03	Residence	0.00E+00	0.00E+00	6.12E-07	7.23E-08	0.68	0.00	5.74E-04	5.30E-04	4.94E-04	8.13E-05	1.38E-04	1.82E-03
606572	4121920	5.22E-04	4.88E-04	4.61E-04	4.07E-05	1.24E-04	1.64E-03	Residence	0.00E+00	0.00E+00	5.56E-07	6.57E-08	0.62	0.00	5.22E-04	4.88E-04	4.61E-04	6.62E-05	1.14E-04	1.65E-03
606592	4121920	5.00E-04	4.70E-04	4.46E-04	3.71E-05	1.13E-04	1.57E-03	Residence	0.00E+00	0.00E+00	5.33E-07	6.30E-08	0.60	0.00	5.00E-04	4.70E-04	4.46E-04	6.03E-05	1.04E-04	1.58E-03
606612	4121920	4.78E-04	4.53E-04	4.31E-04	3.39E-05	1.04E-04	1.50E-03	Residence	0.00E+00	0.00E+00	5.10E-07	6.03E-08	0.57	0.00	4.78E-04	4.53E-04	4.31E-04	5.51E-05	9.55E-05	1.51E-03
606632	4121920	4.56E-04	4.34E-04	4.14E-04	3.11E-05	9.56E-05	1.43E-03	Residence	0.00E+00	0.00E+00	4.87E-07	5.75E-08	0.54	0.00	4.56E-04	4.34E-04	4.14E-04	5.05E-05	8.79E-05	1.44E-03
606652	4121920	4.37E-04	4.17E-04	4.00E-04	2.86E-05	8.83E-05	1.37E-03	Residence	0.00E+00	0.00E+00	4.66E-07	5.51E-08	0.52	0.00	4.37E-04	4.17E-04	4.00E-04	4.65E-05	8.12E-05	1.38E-03
606672	4121920	4.22E-04	4.04E-04	3.88E-04	2.65E-05	8.20E-05	1.32E-03	Residence	0.00E+00	0.00E+00	4.49E-07	5.31E-08	0.50	0.00	4.22E-04	4.04E-04	3.88E-04	4.31E-05	7.55E-05	1.33E-03
606692	4121920	4.04E-04	3.88E-04	3.74E-04	2.46E-05	7.62E-05	1.27E-03	Residence	0.00E+00	0.00E+00	4.30E-07	5.09E-08	0.48	0.00	4.04E-04	3.88E-04	3.74E-04	3.99E-05	7.01E-05	1.28E-03
606712	4121920	3.88E-04	3.74E-04	3.61E-04	2.29E-05	7.12E-05	1.22E-03	Residence	0.00E+00	0.00E+00	4.14E-07	4.89E-08	0.46	0.00	3.88E-04	3.74E-04	3.61E-04	3.72E-05	6.55E-05	1.23E-03
606732	4121920	3.74E-04	3.61E-04	3.50E-04	2.14E-05	6.66E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.99E-07	4.72E-08	0.45	0.00	3.74E-04	3.61E-04	3.50E-04	3.47E-05	6.13E-05	1.18E-03
606752	4121920	3.60E-04	3.49E-04	3.38E-04	2.00E-05	6.25E-05	1.13E-03	Residence	0.00E+00	0.00E+00	3.84E-07	4.54E-08	0.43	0.00	3.60E-04	3.49E-04	3.38E-04	3.25E-05	5.75E-05	1.14E-03
606772	4121920	3.48E-04	3.37E-04	3.28E-04	1.88E-05	5.89E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.71E-07	4.38E-08	0.41	0.00	3.48E-04	3.37E-04	3.28E-04	3.06E-05	5.41E-05	1.10E-03

606792	4121920	3.35E-04	3.26E-04	3.17E-04	1.77E-05	5.55E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.58E-07	4.23E-08	0.40	0.00	3.35E-04	3.26E-04	3.17E-04	2.88E-05	5.10E-05	1.06E-03
606812	4121920	3.24E-04	3.15E-04	3.07E-04	1.67E-05	5.24E-05	1.01E-03	Residence	0.00E+00	0.00E+00	3.45E-07	4.08E-08	0.39	0.00	3.24E-04	3.15E-04	3.07E-04	2.71E-05	4.82E-05	1.02E-03
606832	4121920	3.12E-04	3.04E-04	2.97E-04	1.58E-05	4.96E-05	9.78E-04	Residence	0.00E+00	0.00E+00	3.33E-07	3.93E-08	0.37	0.00	3.12E-04	3.04E-04	2.97E-04	2.56E-05	4.56E-05	9.84E-04
606852	4121920	3.02E-04	2.95E-04	2.88E-04	1.49E-05	4.70E-05	9.47E-04	Residence	0.00E+00	0.00E+00	3.22E-07	3.81E-08	0.36	0.00	3.02E-04	2.95E-04	2.88E-04	2.43E-05	4.33E-05	9.52E-04
605632	4121940	1.63E-04	1.66E-04	1.69E-04	1.46E-05	4.74E-05	5.60E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.63E-04	1.66E-04	1.69E-04	2.37E-05	4.36E-05	5.65E-04
605652	4121940	1.67E-04	1.70E-04	1.74E-04	1.56E-05	5.05E-05	5.77E-04	Venegas Family Daycare	0.00E+00	0.00E+00	1.96E-07	2.32E-08	0.22	0.00	1.67E-04	1.70E-04	1.74E-04	2.53E-05	4.65E-05	5.83E-04
605672	4121940	1.72E-04	1.76E-04	1.80E-04	1.67E-05	5.40E-05	5.98E-04	Venegas Family Daycare	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.72E-04	1.76E-04	1.80E-04	2.72E-05	4.97E-05	6.04E-04
605692	4121940	1.78E-04	1.82E-04	1.86E-04	1.80E-05	5.80E-05	6.22E-04	Residence	0.00E+00	0.00E+00	2.11E-07	2.50E-08	0.24	0.00	1.78E-04	1.82E-04	1.86E-04	2.92E-05	5.33E-05	6.28E-04
605712	4121940	1.83E-04	1.88E-04	1.92E-04	1.94E-05	6.24E-05	6.45E-04	Residence	0.00E+00	0.00E+00	2.19E-07	2.59E-08	0.25	0.00	1.83E-04	1.88E-04	1.92E-04	3.15E-05	5.74E-05	6.52E-04
605732	4121940	1.88E-04	1.93E-04	1.98E-04	2.10E-05	6.73E-05	6.67E-04	Residence	0.00E+00	0.00E+00	2.27E-07	2.68E-08	0.25	0.00	1.88E-04	1.93E-04	1.98E-04	3.41E-05	6.19E-05	6.75E-04
605752	4121940	1.94E-04	1.99E-04	2.04E-04	2.28E-05	7.29E-05	6.94E-04	Residence	0.00E+00	0.00E+00	2.36E-07	2.79E-08	0.26	0.00	1.94E-04	1.99E-04	2.04E-04	3.71E-05	6.71E-05	7.02E-04
605772	4121940	2.01E-04	2.07E-04	2.12E-04	2.49E-05	7.93E-05	7.23E-04	Residence	0.00E+00	0.00E+00	2.46E-07	2.91E-08	0.28	0.00	2.01E-04	2.07E-04	2.12E-04	4.05E-05	7.30E-05	7.33E-04
605792	4121940	2.06E-04	2.12E-04	2.18E-04	2.73E-05	8.65E-05	7.50E-04	Residence	0.00E+00	0.00E+00	2.55E-07	3.01E-08	0.28	0.00	2.06E-04	2.12E-04	2.18E-04	4.44E-05	7.96E-05	7.60E-04
605812	4121940	2.08E-04	2.15E-04	2.21E-04	3.01E-05	9.47E-05	7.68E-04	Residence	0.00E+00	0.00E+00	2.61E-07	3.09E-08	0.29	0.00	2.08E-04	2.15E-04	2.21E-04	4.88E-05	8.72E-05	7.80E-04
605832	4121940	2.16E-04	2.23E-04	2.30E-04	3.33E-05	1.05E-04	8.08E-04	Residence	0.00E+00	0.00E+00	2.75E-07	3.25E-08	0.31	0.00	2.16E-04	2.23E-04	2.30E-04	5.42E-05	9.63E-05	8.20E-04
605852	4121940	2.22E-04	2.30E-04	2.38E-04	3.72E-05	1.16E-04	8.44E-04	Residence	0.00E+00	0.00E+00	2.87E-07	3.39E-08	0.32	0.00	2.22E-04	2.30E-04	2.38E-04	6.04E-05	1.07E-04	8.58E-04
605872	4121940	2.27E-04	2.35E-04	2.44E-04	4.17E-05	1.30E-04	8.78E-04	Residence	0.00E+00	0.00E+00	2.98E-07	3.53E-08	0.33	0.00	2.27E-04	2.35E-04	2.44E-04	6.78E-05	1.19E-04	8.93E-04
605892	4121940	2.27E-04	2.36E-04	2.45E-04	4.72E-05	1.46E-04	9.01E-04	Residence	0.00E+00	0.00E+00	3.06E-07	3.62E-08	0.34	0.00	2.27E-04	2.36E-04	2.45E-04	7.67E-05	1.34E-04	9.19E-04
605912	4121940	2.37E-04	2.46E-04	2.56E-04	5.39E-05	1.66E-04	9.58E-04	Residence	0.00E+00	0.00E+00	3.26E-07	3.85E-08	0.36	0.00	2.37E-04	2.46E-04	2.56E-04	8.76E-05	1.53E-04	9.79E-04
605932	4121940	2.43E-04	2.54E-04	2.64E-04	6.22E-05	1.90E-04	1.01E-03	Residence	0.00E+00	0.00E+00	3.44E-07	4.07E-08	0.38	0.00	2.43E-04	2.54E-04	2.64E-04	1.01E-04	1.75E-04	1.04E-03
605952	4121940	2.48E-04	2.61E-04	2.73E-04	7.26E-05	2.20E-04	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.32E-08	0.41	0.00	2.48E-04	2.61E-04	2.73E-04	1.18E-04	2.02E-04	1.10E-03
605972	4121940	2.55E-04	2.69E-04	2.82E-04	8.60E-05	2.58E-04	1.15E-03	Residence	0.00E+00	0.00E+00	3.91E-07	4.62E-08	0.44	0.00	2.55E-04	2.69E-04	2.82E-04	1.40E-04	2.38E-04	1.18E-03
605992	4121940	2.63E-04	2.78E-04	2.93E-04	1.04E-04	3.08E-04	1.25E-03	Residence	0.00E+00	0.00E+00	4.24E-07	5.01E-08	0.47	0.00	2.63E-04	2.78E-04	2.93E-04	1.68E-04	2.83E-04	1.29E-03
606012	4121940	2.72E-04	2.89E-04	3.05E-04	1.28E-04	3.74E-04	1.37E-03	Residence	0.00E+00	0.00E+00	4.65E-07	5.50E-08	0.52	0.00	2.72E-04	2.89E-04	3.05E-04	2.07E-04	3.44E-04	1.42E-03
606032	4121940	2.84E-04	3.03E-04	3.22E-04	1.61E-04	4.65E-04	1.53E-03	Residence	0.00E+00	0.00E+00	5.22E-07	6.17E-08	0.58	0.00	2.84E-04	3.03E-04	3.22E-04	2.62E-04	4.28E-04	1.60E-03
606052	4121940	3.00E-04	3.21E-04	3.43E-04	2.10E-04	5.93E-04	1.77E-03	Residence	0.00E+00	0.00E+00	6.01E-07	7.10E-08	0.67	0.00	3.00E-04	3.21E-04	3.43E-04	3.42E-04	5.46E-04	1.85E-03
606072	4121940	3.20E-04	3.44E-04	3.70E-04	2.87E-04	7.83E-04	2.10E-03	Residence	0.00E+00	0.00E+00	7.15E-07	8.45E-08	0.80	0.00	3.20E-04	3.44E-04	3.70E-04	4.66E-04	7.20E-04	2.22E-03
606532	4121940	4.54E-04	4.24E-04	4.00E-04	4.46E-05	1.38E-04	1.46E-03	Residence	0.00E+00	0.00E+00	4.96E-07	5.87E-08	0.55	0.00	4.54E-04	4.24E-04	4.00E-04	7.25E-05	1.27E-04	1.48E-03
606572	4121940	4.28E-04	4.04E-04	3.84E-04	3.68E-05	1.15E-04	1.37E-03	Residence	0.00E+00	0.00E+00	4.65E-07	5.49E-08	0.52	0.00	4.28E-04	4.04E-04	3.84E-04	5.97E-05	1.05E-04	1.38E-03
606592	4121940	4.17E-04	3.95E-04	3.77E-04	3.37E-05	1.05E-04	1.33E-03	Residence	0.00E+00	0.00E+00	4.52E-07	5.34E-08	0.51	0.00	4.17E-04	3.95E-04	3.77E-04	5.47E-05	9.68E-05	1.34E-03
606612	4121940	4.05E-04	3.85E-04	3.69E-04	3.09E-05	9.69E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.38E-07	5.17E-08	0.49	0.00	4.05E-04	3.85E-04	3.69E-04	5.02E-05	8.92E-05	1.30E-03
606632	4121940	3.91E-04	3.74E-04	3.59E-04	2.85E-05	8.95E-05	1.24E-03	Residence	0.00E+00	0.00E+00	4.23E-07	4.99E-08	0.47	0.00	3.91E-04	3.74E-04	3.59E-04	4.63E-05	8.23E-05	1.25E-03
606652	4121940	3.80E-04	3.64E-04	3.50E-04	2.63E-05	8.30E-05	1.20E-03	Residence	0.00E+00	0.00E+00	4.09E-07	4.84E-08	0.46	0.00	3.80E-04	3.64E-04	3.50E-04	4.28E-05	7.63E-05	1.21E-03
606672	4121940	3.70E-04	3.56E-04	3.43E-04	2.45E-05	7.73E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.98E-07	4.71E-08	0.45	0.00	3.70E-04	3.56E-04	3.43E-04	3.98E-05	7.11E-05	1.18E-03
606692	4121940	3.57E-04	3.44E-04	3.33E-04	2.28E-05	7.20E-05	1.13E-03	Residence	0.00E+00	0.00E+00	3.84E-07	4.54E-08	0.43	0.00	3.57E-04	3.44E-04	3.33E-04	3.70E-05	6.62E-05	1.14E-03
606712	4121940	3.46E-04	3.34E-04	3.24E-04	2.13E-05	6.73E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.71E-07	4.39E-08	0.42	0.00	3.46E-04	3.34E-04	3.24E-04	3.46E-05	6.20E-05	1.10E-03
606732	4121940	3.36E-04	3.25E-04	3.16E-04	1.99E-05	6.32E-05	1.06E-03	Residence	0.00E+00	0.00E+00	3.60E-07	4.26E-08	0.40	0.00	3.36E-04	3.25E-04	3.16E-04	3.24E-05	5.82E-05	1.07E-03
606752	4121940	3.25E-04	3.15E-04	3.07E-04	1.87E-05	5.94E-05	1.03E-03	Residence	0.00E+00	0.00E+00	3.49E-07	4.12E-08	0.39	0.00	3.25E-04	3.15E-04	3.07E-04	3.04E-05	5.47E-05	1.03E-03
606772	4121940	3.15E-04	3.06E-04	2.98E-04	1.76E-05	5.60E-05	9.92E-04	Residence	0.00E+00	0.00E+00	3.37E-07	3.99E-08	0.38	0.00	3.15E-04	3.06E-04	2.98E-04	2.86E-05	5.15E-05	9.98E-04
606792	4121940	3.04E-04	2.96E-04	2.89E-04	1.66E-05	5.29E-05	9.59E-04	Residence	0.00E+00	0.00E+00	3.26E-07	3.86E-08	0.36	0.00	3.04E-04	2.96E-04	2.89E-04	2.70E-05	4.86E-05	9.65E-04
606812	4121940	2.94E-04	2.87E-04	2.80E-04	1.57E-05	5.00E-05	9.26E-04	Residence	0.00E+00	0.00E+00	3.15E-07	3.72E-08	0.35	0.00	2.94E-04	2.87E-04	2.80E-04	2.55E-05	4.60E-05	9.32E-04
606832	4121940	2.85E-04	2.78E-04	2.72E-04	1.49E-05	4.74E-05	8.97E-04	Residence	0.00E+00	0.00E+00	3.05E-07	3.61E-08	0.34	0.00	2.85E-04	2.78E-04	2.72E-04	2.41E-05	4.36E-05	9.03E-04
606852	4121940	2.78E-04	2.72E-04	2.66E-04	1.41E-05	4.50E-05	8.75E-04	Residence	0.00E+00	0.00E+00	2.98E-07	3.52E-08	0.33	0.00	2.78E-04	2.72E-04	2.66E-04	2.29E-05	4.14E-05	8.80E-04
605632	4121960	1.74E-04	1.78E-04	1.82E-04	1.60E-05	4.95E-05	5.99E-04	Residence	0.00E+00	0.00E+00	2.04E-07	2.41E-08	0.23	0.00	1.74E-04	1.78E-04	1.82E-04	2.60E-05	4.56E-05	6.05E-04
605652	4121960	1.80E-04	1.84E-04	1.88E-04	1.71E-05	5.29E-05	6.21E-04	Residence	0.00E+00	0.00E+00	2.11E-07	2.50E-08	0.24	0.00	1.80E-04	1.84E-04	1.88E-04	2.78E-05	4.87E-05	6.27E-04
605672	4121960	1.86E-04	1.90E-04	1.94E-04	1.84E-05	5.67E-05	6.45E-04	Residence	0.00E+00	0.00E+00	2.19E-07	2.59E-08	0.25	0.00	1.86E-04	1.90E-04	1.94E-04	3.00E-05	5.22E-05	6.52E-04
605692	4121960	1.92E-04	1.96E-04	2.01E-04	1.99E-05	6.09E-05	6.69E-04	Residence	0.00E+00	0.00E+00	2.28E-07	2.69E-08	0.25	0.00	1.92E-04	1.96E-04	2.01E-04	3.23E-05	5.61E-05	6.77E-04
605712	4121960	1.98E-04	2.03E-04	2.08E-04	2.15E-05	6.57E-05	6.96E-04	Residence	0.00E+00	0.00E+00	2.37E-07	2.80E-08	0.26	0.00	1.98E-04	2.03E-04	2.08E-04	3.50E-05	6.04E-05	7.04E-04
605732	4121960	2.05E-04	2.10E-04	2.16E-04	2.34E-05	7.11E-05	7.26E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	2.05E-04	2.10E-04	2.16E-04	3.81E-05	6.54E-05	7.35E-04
605752	4121960	2.12E-04	2.18E-04	2.23E-04	2.56E-05	7.72E-05	7.56E-04	Residence	0.00E+00	0.00E+00	2.57E-07	3.04E-08	0.29	0.00	2.12E-04	2.18E-04	2.23E-04	4.15E-05	7.10E-05	7.66E-04
605772	4121960	2.20E-04	2.26E-04	2.32E-04	2.80E-05	8.42E-05	7.90E-04	Residence	0.00E+00	0.00E+00	2.69E-07	3.18E-08	0.30	0.00	2.20E-04	2.26E-04	2.32E-04	4.55E-05	7.74E-05	8.01E-04
605792	4121960	2.25E-04	2.32E-04	2.39E-04	3.09E-05	9.21E-05	8.19E-04	Residence	0.00E+00	0.00E+00	2.79E-07	3.29E-08	0.31	0.00	2.25E-04	2.32E-04	2.39E-04	5.02E-05	8.47E-05	8.31E-04
605812	4121960	2.30E-04	2.38E-04	2.45E-04	3.42E-05	1.01E-04	8.48E-04	Residence	0.00E+00	0.00E+00	2.88E-07	3.41E-08	0.32	0.00	2.30E-04	2.38E-04	2.45E-04	5.55E-05	9.31E-05	8.61E-04
605832	4121960	2.41E-04	2.50E-04	2.57E-04	3.81E-05	1.12E-04	8.99E-04	Residence	0.00E+00	0.00E+00	3.06E-07	3.61E-08	0.34	0.00	2.41E-04	2.50E-04	2.57E-04	6.19E-05	1.03E-04	9.13E-04
605852	4121960	2.48E-04	2.57E-04	2.66E-04	4.27E-05	1.25E-04	9.38E-04	Residence	0.00E+00	0.00E+00	3.19E-07	3.77E-08	0.36	0.00	2.48E-04	2.57E-04	2.66E-04	6.94E-05	1.15E-04	9.55E-04
605872	4121960	2.55E-04	2.64E-04	2.74E-04	4.83E-05	1.40E-04	9.81E-04	Residence	0.00E+00	0.00E+00	3.34E-07	3.95E-08	0.37	0.00	2.55E-04	2.64E-04	2.74E-04	7.85E-05	1.29E-04	1.00E-03
605892	4121960	2.58E-04	2.68E-04	2.78E-04	5.50E-05	1.58E-04	1.02E-03	Residence	0.00E+00	0.00E+00	3.46E-07	4.08E-08	0.39	0.00	2.58E-04	2.68E-04	2.78E-04	8.94E-05	1.46E-04	1.04E-03
605912	4121960	2.70E-04	2.81E-04	2.92E-04	6.34E-05	1.81E-04	1.09E-03	Residence	0.00E+00	0.00E+00	3.70E-07	4.37E-08	0.41	0.00	2.70E-04	2.81E-04	2.92E-04	1.03E-04	1.67E-04	1.11E-03
605932	4121960	2.78E-04	2.91E-04	3.04E-04	7.39E-05	2.09E-04	1.16E-03	Residence	0.00E+00	0.00E+00	3.93E-07	4.65E-08	0.44	0.00	2.78E-04	2.91E-04	3.04E-04	1.20E-04	1.92E-04	1.19E-03
605952	4121960	2.89E-04	3.03E-04	3.17E-04	8.71E-05	2.43E-04	1.24E-03	Residence	0.00E+00	0.00E+00	4.21E-07	4.98E-08	0.47	0.00	2.89E-04	3.03E-04	3.17E-04	1.42E-04	2.24E-04	1.27E-03
605972	4121960	3.00E-04	3.16E-04	3.31E-04	1.04E-04	2.88E-04	1.34E-03	Residence	0.00E+00	0.00E+00	4.56E-07	5.39E-08	0.51	0.00	3.00E-04	3.16E-04	3.31E-04	1.70E-04	2.65E-04	1.38E-03
605992	4121960	3.14E-04	3.32E-04	3.49E-04	1.28E-04	3.46E-04	1.47E-03	Residence	0.00E+00	0.00E+00	4.99E-07	5.90E-08	0.56	0.00	3.14E-04	3.32E-04	3.49E-04	2.07E-04	3.18E-04	1.52E-03
606012	4121960	3.29E-04	3.49E-04	3.69E-04	1.59E-04	4.23E-04	1.63E-03	Residence	0.00E+00	0.00E+00	5.54E-07	6.55E-08	0.62	0.00	3.29E-04	3.49E-04	3.69E-04	2.59E-04	3.89E-04	1.70E-03
606032	4121960	3.48E-04	3.70E-04	3.93E-04	2.04E-04	5.28E-04	1.84E-03	Residence	0.00E+00	0.00E+00	6.27E-07	7.41E-08	0.70	0.00	3.48E-04	3.70E-04	3.93E-04	3.32E-04	4.86E-04	1.93E-03
606052	4121960	3.73E-04	3.98E-04	4.24E-04	2.71E-04	6.74E-04	2.14E-03	Residence	0.00E+00	0.00E+00	7.28E-07	8.60E-08	0.81	0.00	3.73E-04	3.98E-04	4.24E-04	4.40E-04	6.20E-04	2.26E-03
606072	4121960	4.04E-04	4.33E-04	4.62E-04	3.73E-04	8.82E-04	2.55E-03	Residence	0.00E+00	0.00E+00	8.68E-07	1.03E-07	0.97	0.00	4.04E-04	4.33E-04	4.62E-04	6.07E-04	8.11E-04	2.72E-03
606572	4121960	3.61E-04	3.43E-04	3.29E-04	3.35E-05	1.07E-04	1.17E-03	Residence	0.00E+00	0.00E+00	3.99E-07	4.71E-08	0.45	0.00	3.61E-04	3.43E-04	3.29E-04	5.45E-05	9.82E-05	1.19E-03
606592	4121960	3.56E-04	3.40E-04	3.27E-04	3.08E-05	9.84E-05	1.15E-03	Residence	0.00E+00	0.00E+00	3.92E-07	4.63E-08	0.44	0.00	3.56E-04	3.40E-04	3.27E-04	5.01E-05	9.05E-05	1.16E-03
606612	4121960	3.49E-04	3.34E-04	3.22E-04	2.84E-05	9.09E-05	1.13E-03	Residence	0.00E+00	0.00E+00	3.83E-07	4.52E-08	0.43	0.00	3.49E-04	3.34E-04	3.22E-04	4.62E-05	8.36E-05	1.14E-03
606632	4121960	3.41E-04	3.28E-04	3.17E-04	2.63E-05	8.41E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.73E-07	4.41E-08	0.42	0.00	3.41E-04	3.28E-04	3.17E-04	4.27E-05	7.74E-05	1.11E-03
606652	4121960	3.35E-04	3.22E-04	3.12E-04	2.44E-05	7.82E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.64E-07	4.31E-08	0.41	0.00	3.35E-04	3.22E-04	3.12E-04	3.96E-05	7.20E-05	1.08E-03
606672	4121960	3.29E-04	3.17E-04	3.08E-04	2.27E-05	7.30E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.57E-07	4.22E-08	0.40	0.00	3.29E-04	3.17E-04	3.08E-04	3.70E-05	6.72E-05	1.06E-03
606692	4121960	3.20E-04	3.09E-04	3.00E-04	2.12E-05	6.82E-05	1.02E-03	Residence	0.00E+00	0.00E+00	3.46E-07	4.09E-08	0.39	0.00	3.20E-04	3.09E-04	3.00E-04	3.45E-05	6.28E-05	1.03E-03
606712	4121960	3.12E-04	3.02E-04	2.94E-04	1.99E-05	6.39E-05	9.91E-04	Residence	0.00E+00	0.00E+00	3.37E-07	3.98E-08	0.38	0.00	3.12E-04	3.02E-04	2.94E-04	3.23E-05	5.88E-05	9.98E-04
606732	4121960	3.06E-04	2.98E-04	2.90E-04	1.87E-05	6.02E-05	9.73E-04	Residence	0.00E+00	0.00E+00	3.31E-07	3.91E-08	0.37	0.00	3.06E-04	2.98E-04	2.90E-04	3.04E-05	5.54E-05	9.80E-04
606752	4121960	2.97E-04	2.89E-04	2.82E-04	1.76E-05	5.67E-05	9.43E-04	Residence	0.00E+00	0.00E+00	3.21E-07	3.79E-08	0.36	0.00	2.97E-04	2.89E-04	2.82E-04	2.86E-05	5.21E-05	9.50E-04
606772	4121960	2.89E-04	2.82E-04	2.75E-04	1.66E-05	5.35E-05	9.16E-04	Residence	0.00E+00	0.00E+00	3.11E-07	3.68E-08	0.35	0.00	2.89E-04	2.82E-04	2.75E-04	2.69E-05	4.92E-05	9.22E-04
606792	4121960	2.81E-04	2.74E-04	2.68E-04	1.57E-05	5.06E-05	8.90E-04	Residence	0.00E+00	0.00E+00	3.03E-07	3.58E-08	0.34	0.00	2.81E-04	2.74E-04	2.68E-04	2.54E-05	4.65E-05	8.96E-04
606812	4121960	2.71E-04	2.64E-04	2.58E-04	1.48E-05	4.78E-05	8.56E-04	Residence	0.00E+00	0.00E+00	2.91E-07	3.44E-08	0.33	0.00	2.71E-04	2.64E-04	2.58E-04	2.41E-05	4.40E-05	8.61E-04
606832	4121960	2.63E-04	2.57E-04	2.51E-04	1.40E-05	4.54E-05	8.31E-04	Residence	0.00E+00	0.00E+00	2.82E-07	3.34E-08	0.32	0.00	2.63E-04	2.57E-04	2.51E-04	2.28E-05	4.18E-05	8.36E-04
606852	4121960	2.58E-04	2.52E-04	2.47E-04	1.34E-05	4.32E-05	8.13E-04	Residence	0.00E+00	0.00E+00	2.77E-07	3.27E-08	0.31	0.00	2.58E-04	2.52E-04	2.47E-04	2.17E-05	3.97E-05	8.18E-04
605632	4121980	1.85E-04	1.89E-04	1.93E-04	1.75E-05	5.17E-05	6.37E-04	Residence	0.00E+00	0.00E+00	2.17E-07	2.56E-08	0.24	0.00	1.85E-04	1.89E-04	1.93E-04	2.84E-05	4.76E-05	6.44E-04
605652	4121980	1.92E-04	1.96E-04	2.00E-04	1.88E-05	5.54E-05	6.62E-04	Residence	0.00E+00	0.00E+00	2.25E-07	2.66E-08	0.25	0.00	1.92E-04	1.96E-04	2.00E-04	3.05E-05	5.09E-05	6.69E-04

605672	4121980	1.98E-04	2.03E-04	2.07E-04	2.02E-05	5.94E-05	6.87E-04	Residence	0.00E+00	0.00E+00	2.34E-07	2.76E-08	0.26	0.00	1.98E-04	2.03E-04	2.07E-04	3.29E-05	5.47E-05	6.95E-04
605692	4121980	2.05E-04	2.10E-04	2.14E-04	2.19E-05	6.40E-05	7.15E-04	Residence	0.00E+00	0.00E+00	2.43E-07	2.87E-08	0.27	0.00	2.05E-04	2.10E-04	2.14E-04	3.56E-05	5.88E-05	7.23E-04
605712	4121980	2.12E-04	2.18E-04	2.23E-04	2.38E-05	6.91E-05	7.46E-04	Residence	0.00E+00	0.00E+00	2.54E-07	3.00E-08	0.28	0.00	2.12E-04	2.18E-04	2.23E-04	3.87E-05	6.36E-05	7.56E-04
605732	4121980	2.21E-04	2.27E-04	2.32E-04	2.60E-05	7.50E-05	7.81E-04	Residence	0.00E+00	0.00E+00	2.66E-07	3.14E-08	0.30	0.00	2.21E-04	2.27E-04	2.32E-04	4.22E-05	6.90E-05	7.91E-04
605752	4121980	2.30E-04	2.36E-04	2.42E-04	2.85E-05	8.16E-05	8.18E-04	Residence	0.00E+00	0.00E+00	2.78E-07	3.29E-08	0.31	0.00	2.30E-04	2.36E-04	2.42E-04	4.62E-05	7.51E-05	8.29E-04
605772	4121980	2.39E-04	2.46E-04	2.52E-04	3.13E-05	8.92E-05	8.57E-04	Residence	0.00E+00	0.00E+00	2.92E-07	3.45E-08	0.33	0.00	2.39E-04	2.46E-04	2.52E-04	5.09E-05	8.21E-05	8.70E-04
605792	4121980	2.47E-04	2.54E-04	2.62E-04	3.46E-05	9.80E-05	8.96E-04	Residence	0.00E+00	0.00E+00	3.05E-07	3.60E-08	0.34	0.00	2.47E-04	2.54E-04	2.62E-04	5.63E-05	9.01E-05	9.09E-04
605812	4121980	2.56E-04	2.64E-04	2.72E-04	3.85E-05	1.08E-04	9.39E-04	Residence	0.00E+00	0.00E+00	3.19E-07	3.77E-08	0.36	0.00	2.56E-04	2.64E-04	2.72E-04	6.26E-05	9.95E-05	9.54E-04
605832	4121980	2.68E-04	2.77E-04	2.86E-04	4.31E-05	1.20E-04	9.95E-04	Residence	0.00E+00	0.00E+00	3.38E-07	4.00E-08	0.38	0.00	2.68E-04	2.77E-04	2.86E-04	7.01E-05	1.11E-04	1.01E-03
605852	4121980	2.77E-04	2.87E-04	2.97E-04	4.86E-05	1.35E-04	1.04E-03	Residence	0.00E+00	0.00E+00	3.55E-07	4.19E-08	0.40	0.00	2.77E-04	2.87E-04	2.97E-04	7.90E-05	1.24E-04	1.06E-03
605872	4121980	2.86E-04	2.96E-04	3.07E-04	5.53E-05	1.51E-04	1.10E-03	Residence	0.00E+00	0.00E+00	3.72E-07	4.40E-08	0.42	0.00	2.86E-04	2.96E-04	3.07E-04	8.99E-05	1.39E-04	1.12E-03
605892	4121980	2.93E-04	3.04E-04	3.15E-04	6.34E-05	1.72E-04	1.15E-03	Residence	0.00E+00	0.00E+00	3.90E-07	4.61E-08	0.44	0.00	2.93E-04	3.04E-04	3.15E-04	1.03E-04	1.58E-04	1.17E-03
605912	4121980	3.06E-04	3.19E-04	3.31E-04	7.35E-05	1.97E-04	1.23E-03	Residence	0.00E+00	0.00E+00	4.17E-07	4.93E-08	0.47	0.00	3.06E-04	3.19E-04	3.31E-04	1.19E-04	1.81E-04	1.26E-03
605932	4121980	3.19E-04	3.33E-04	3.47E-04	8.62E-05	2.28E-04	1.31E-03	Residence	0.00E+00	0.00E+00	4.46E-07	5.28E-08	0.50	0.00	3.19E-04	3.33E-04	3.47E-04	1.40E-04	2.10E-04	1.35E-03
605952	4121980	3.33E-04	3.48E-04	3.63E-04	1.03E-04	2.67E-04	1.41E-03	Residence	0.00E+00	0.00E+00	4.81E-07	5.68E-08	0.54	0.00	3.33E-04	3.48E-04	3.63E-04	1.67E-04	2.46E-04	1.46E-03
605972	4121980	3.50E-04	3.67E-04	3.84E-04	1.24E-04	3.17E-04	1.54E-03	Residence	0.00E+00	0.00E+00	5.24E-07	6.19E-08	0.59	0.00	3.50E-04	3.67E-04	3.84E-04	2.01E-04	2.92E-04	1.59E-03
605992	4121980	3.71E-04	3.91E-04	4.10E-04	1.52E-04	3.81E-04	1.71E-03	Residence	0.00E+00	0.00E+00	5.80E-07	6.86E-08	0.65	0.00	3.71E-04	3.91E-04	4.10E-04	2.48E-04	3.51E-04	1.77E-03
606012	4121980	3.95E-04	4.17E-04	4.39E-04	1.92E-04	4.65E-04	1.91E-03	Residence	0.00E+00	0.00E+00	6.48E-07	7.67E-08	0.73	0.00	3.95E-04	4.17E-04	4.39E-04	3.11E-04	4.28E-04	1.99E-03
606032	4121980	4.23E-04	4.48E-04	4.72E-04	2.46E-04	5.76E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.37E-07	8.71E-08	0.82	0.00	4.23E-04	4.48E-04	4.72E-04	4.00E-04	5.30E-04	2.27E-03
606052	4121980	4.58E-04	4.86E-04	5.13E-04	3.24E-04	7.24E-04	2.50E-03	Residence	0.00E+00	0.00E+00	8.51E-07	1.01E-07	0.95	0.00	4.58E-04	4.86E-04	5.13E-04	5.26E-04	6.66E-04	2.65E-03
606072	4121980	5.01E-04	5.31E-04	5.61E-04	4.35E-04	9.16E-04	2.94E-03	Residence	0.00E+00	0.00E+00	1.00E-06	1.18E-07	1.12	0.00	5.01E-04	5.31E-04	5.61E-04	7.07E-04	8.43E-04	3.14E-03
606512	4121980	3.16E-04	3.00E-04	2.88E-04	4.06E-05	1.30E-04	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.32E-08	0.41	0.00	3.16E-04	3.00E-04	2.88E-04	6.60E-05	1.20E-04	1.09E-03
606532	4121980	3.15E-04	3.00E-04	2.88E-04	3.69E-05	1.19E-04	1.06E-03	Residence	0.00E+00	0.00E+00	3.60E-07	4.26E-08	0.40	0.00	3.15E-04	3.00E-04	2.88E-04	6.00E-05	1.09E-04	1.07E-03
606572	4121980	3.12E-04	2.99E-04	2.88E-04	3.09E-05	1.00E-04	1.03E-03	Residence	0.00E+00	0.00E+00	3.50E-07	4.14E-08	0.39	0.00	3.12E-04	2.99E-04	2.88E-04	5.03E-05	9.20E-05	1.04E-03
606592	4121980	3.10E-04	2.98E-04	2.88E-04	2.85E-05	9.24E-05	1.02E-03	Residence	0.00E+00	0.00E+00	3.46E-07	4.09E-08	0.39	0.00	3.10E-04	2.98E-04	2.88E-04	4.64E-05	8.50E-05	1.03E-03
606612	4121980	3.07E-04	2.96E-04	2.87E-04	2.64E-05	8.55E-05	1.00E-03	Residence	0.00E+00	0.00E+00	3.41E-07	4.03E-08	0.38	0.00	3.07E-04	2.96E-04	2.87E-04	4.29E-05	7.87E-05	1.01E-03
606632	4121980	3.03E-04	2.92E-04	2.84E-04	2.44E-05	7.94E-05	9.83E-04	Residence	0.00E+00	0.00E+00	3.34E-07	3.95E-08	0.37	0.00	3.03E-04	2.92E-04	2.84E-04	3.97E-05	7.31E-05	9.92E-04
606652	4121980	2.99E-04	2.90E-04	2.82E-04	2.28E-05	7.41E-05	9.67E-04	Residence	0.00E+00	0.00E+00	3.29E-07	3.89E-08	0.37	0.00	2.99E-04	2.90E-04	2.82E-04	3.70E-05	6.81E-05	9.76E-04
606672	4121980	2.96E-04	2.87E-04	2.79E-04	2.13E-05	6.93E-05	9.53E-04	Residence	0.00E+00	0.00E+00	3.24E-07	3.83E-08	0.36	0.00	2.96E-04	2.87E-04	2.79E-04	3.46E-05	6.37E-05	9.61E-04
606692	4121980	2.90E-04	2.81E-04	2.74E-04	1.99E-05	6.48E-05	9.29E-04	Residence	0.00E+00	0.00E+00	3.16E-07	3.74E-08	0.35	0.00	2.90E-04	2.81E-04	2.74E-04	3.23E-05	5.96E-05	9.36E-04
606712	4121980	2.84E-04	2.76E-04	2.70E-04	1.87E-05	6.09E-05	9.10E-04	Residence	0.00E+00	0.00E+00	3.09E-07	3.66E-08	0.35	0.00	2.84E-04	2.76E-04	2.70E-04	3.03E-05	5.60E-05	9.17E-04
606732	4121980	2.81E-04	2.73E-04	2.67E-04	1.76E-05	5.74E-05	8.96E-04	Residence	0.00E+00	0.00E+00	3.05E-07	3.60E-08	0.34	0.00	2.81E-04	2.73E-04	2.67E-04	2.86E-05	5.28E-05	9.02E-04
606752	4121980	2.71E-04	2.64E-04	2.58E-04	1.65E-05	5.41E-05	8.64E-04	Residence	0.00E+00	0.00E+00	2.94E-07	3.47E-08	0.33	0.00	2.71E-04	2.64E-04	2.58E-04	2.69E-05	4.97E-05	8.70E-04
606772	4121980	2.64E-04	2.58E-04	2.52E-04	1.56E-05	5.11E-05	8.41E-04	Residence	0.00E+00	0.00E+00	2.86E-07	3.38E-08	0.32	0.00	2.64E-04	2.58E-04	2.52E-04	2.54E-05	4.70E-05	8.47E-04
606792	4121980	2.60E-04	2.54E-04	2.49E-04	1.48E-05	4.84E-05	8.25E-04	Residence	0.00E+00	0.00E+00	2.81E-07	3.32E-08	0.31	0.00	2.60E-04	2.54E-04	2.49E-04	2.41E-05	4.46E-05	8.31E-04
606812	4121980	2.51E-04	2.45E-04	2.40E-04	1.40E-05	4.59E-05	7.97E-04	Residence	0.00E+00	0.00E+00	2.71E-07	3.20E-08	0.30	0.00	2.51E-04	2.45E-04	2.40E-04	2.28E-05	4.22E-05	8.02E-04
606832	4121980	2.44E-04	2.39E-04	2.34E-04	1.32E-05	4.36E-05	7.74E-04	Residence	0.00E+00	0.00E+00	2.63E-07	3.11E-08	0.29	0.00	2.44E-04	2.39E-04	2.34E-04	2.14E-05	4.01E-05	7.78E-04
606852	4121980	2.40E-04	2.35E-04	2.30E-04	1.27E-05	4.15E-05	7.59E-04	Residence	0.00E+00	0.00E+00	2.58E-07	3.05E-08	0.29	0.00	2.40E-04	2.35E-04	2.30E-04	2.06E-05	3.82E-05	7.64E-04
605632	4122000	1.96E-04	2.01E-04	2.05E-04	1.90E-05	5.40E-05	6.75E-04	Residence	0.00E+00	0.00E+00	2.29E-07	2.71E-08	0.26	0.00	1.96E-04	2.01E-04	2.05E-04	3.08E-05	4.97E-05	6.82E-04
605652	4122000	2.04E-04	2.08E-04	2.13E-04	2.05E-05	5.79E-05	7.03E-04	Residence	0.00E+00	0.00E+00	2.39E-07	2.82E-08	0.27	0.00	2.04E-04	2.08E-04	2.13E-04	3.33E-05	5.33E-05	7.11E-04
605672	4122000	2.11E-04	2.16E-04	2.21E-04	2.21E-05	6.22E-05	7.32E-04	Residence	0.00E+00	0.00E+00	2.49E-07	2.94E-08	0.28	0.00	2.11E-04	2.16E-04	2.21E-04	3.60E-05	5.73E-05	7.41E-04
605692	4122000	2.19E-04	2.25E-04	2.30E-04	2.40E-05	6.72E-05	7.65E-04	Residence	0.00E+00	0.00E+00	2.60E-07	3.07E-08	0.29	0.00	2.19E-04	2.25E-04	2.30E-04	3.90E-05	6.18E-05	7.74E-04
605712	4122000	2.28E-04	2.34E-04	2.39E-04	2.62E-05	7.27E-05	7.99E-04	Residence	0.00E+00	0.00E+00	2.72E-07	3.21E-08	0.30	0.00	2.28E-04	2.34E-04	2.39E-04	4.25E-05	6.69E-05	8.10E-04
605732	4122000	2.36E-04	2.43E-04	2.49E-04	2.86E-05	7.90E-05	8.35E-04	Residence	0.00E+00	0.00E+00	2.84E-07	3.36E-08	0.32	0.00	2.36E-04	2.43E-04	2.49E-04	4.65E-05	7.26E-05	8.47E-04
605752	4122000	2.46E-04	2.53E-04	2.60E-04	3.14E-05	8.62E-05	8.77E-04	Residence	0.00E+00	0.00E+00	2.98E-07	3.52E-08	0.33	0.00	2.46E-04	2.53E-04	2.60E-04	5.11E-05	7.93E-05	8.89E-04
605772	4122000	2.57E-04	2.64E-04	2.71E-04	3.47E-05	9.44E-05	9.21E-04	Residence	0.00E+00	0.00E+00	3.13E-07	3.70E-08	0.35	0.00	2.57E-04	2.64E-04	2.71E-04	5.64E-05	8.69E-05	9.35E-04
605792	4122000	2.68E-04	2.76E-04	2.84E-04	3.85E-05	1.04E-04	9.71E-04	Residence	0.00E+00	0.00E+00	3.30E-07	3.90E-08	0.37	0.00	2.68E-04	2.76E-04	2.84E-04	6.26E-05	9.57E-05	9.87E-04
605812	4122000	2.83E-04	2.91E-04	3.00E-04	4.31E-05	1.15E-04	1.03E-03	Residence	0.00E+00	0.00E+00	3.51E-07	4.15E-08	0.39	0.00	2.83E-04	2.91E-04	3.00E-04	7.00E-05	1.06E-04	1.05E-03
605832	4122000	2.98E-04	3.08E-04	3.17E-04	4.84E-05	1.29E-04	1.10E-03	Residence	0.00E+00	0.00E+00	3.74E-07	4.42E-08	0.42	0.00	2.98E-04	3.08E-04	3.17E-04	7.87E-05	1.18E-04	1.12E-03
605852	4122000	3.09E-04	3.20E-04	3.31E-04	5.48E-05	1.44E-04	1.16E-03	Residence	0.00E+00	0.00E+00	3.94E-07	4.66E-08	0.44	0.00	3.09E-04	3.20E-04	3.31E-04	8.91E-05	1.33E-04	1.18E-03
605872	4122000	3.20E-04	3.31E-04	3.42E-04	6.26E-05	1.63E-04	1.22E-03	Residence	0.00E+00	0.00E+00	4.14E-07	4.90E-08	0.46	0.00	3.20E-04	3.31E-04	3.42E-04	1.02E-04	1.50E-04	1.25E-03
605892	4122000	3.33E-04	3.46E-04	3.58E-04	7.21E-05	1.85E-04	1.29E-03	Residence	0.00E+00	0.00E+00	4.40E-07	5.20E-08	0.49	0.00	3.33E-04	3.46E-04	3.58E-04	1.17E-04	1.71E-04	1.32E-03
605912	4122000	3.50E-04	3.64E-04	3.78E-04	8.40E-05	2.13E-04	1.39E-03	Residence	0.00E+00	0.00E+00	4.72E-07	5.59E-08	0.53	0.00	3.50E-04	3.64E-04	3.78E-04	1.36E-04	1.96E-04	1.42E-03
605932	4122000	3.67E-04	3.83E-04	3.98E-04	9.89E-05	2.47E-04	1.49E-03	Residence	0.00E+00	0.00E+00	5.08E-07	6.00E-08	0.57	0.00	3.67E-04	3.83E-04	3.98E-04	1.61E-04	2.27E-04	1.54E-03
605952	4122000	3.86E-04	4.04E-04	4.20E-04	1.18E-04	2.89E-04	1.62E-03	Residence	0.00E+00	0.00E+00	5.50E-07	6.50E-08	0.61	0.00	3.86E-04	4.04E-04	4.20E-04	1.92E-04	2.66E-04	1.67E-03
605972	4122000	4.09E-04	4.28E-04	4.46E-04	1.43E-04	3.42E-04	1.77E-03	Residence	0.00E+00	0.00E+00	6.01E-07	7.10E-08	0.67	0.00	4.09E-04	4.28E-04	4.46E-04	2.32E-04	3.15E-04	1.83E-03
605992	4122000	4.35E-04	4.56E-04	4.76E-04	1.76E-04	4.08E-04	1.95E-03	Residence	0.00E+00	0.00E+00	6.63E-07	7.84E-08	0.74	0.00	4.35E-04	4.56E-04	4.76E-04	2.85E-04	3.76E-04	2.03E-03
606012	4122000	4.64E-04	4.87E-04	5.10E-04	2.19E-04	4.92E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.39E-07	8.73E-08	0.83	0.00	4.64E-04	4.87E-04	5.10E-04	3.56E-04	4.53E-04	2.27E-03
606032	4122000	5.02E-04	5.27E-04	5.51E-04	2.77E-04	5.97E-04	2.45E-03	Residence	0.00E+00	0.00E+00	8.34E-07	9.86E-08	0.93	0.00	5.02E-04	5.27E-04	5.51E-04	4.50E-04	5.50E-04	2.58E-03
606052	4122000	5.45E-04	5.72E-04	5.98E-04	3.53E-04	7.26E-04	2.79E-03	Residence	0.00E+00	0.00E+00	9.50E-07	1.12E-07	1.06	0.00	5.45E-04	5.72E-04	5.98E-04	5.74E-04	6.68E-04	2.96E-03
606072	4122000	5.93E-04	6.22E-04	6.49E-04	4.50E-04	8.76E-04	3.19E-03	Residence	0.00E+00	0.00E+00	1.08E-06	1.28E-07	1.21	0.00	5.93E-04	6.22E-04	6.49E-04	7.30E-04	8.06E-04	3.40E-03
606292	4122000	6.40E-04	6.22E-04	6.02E-04	1.65E-04	4.78E-04	2.51E-03	Worker	0.00E+00	0.00E+00	8.53E-07	1.01E-07	0.95	0.00	6.40E-04	6.22E-04	6.02E-04	2.69E-04	4.40E-04	2.57E-03
606312	4122000	5.70E-04	5.56E-04	5.38E-04	1.38E-04	4.07E-04	2.21E-03	Worker	0.00E+00	0.00E+00	7.51E-07	8.88E-08	0.84	0.00	5.70E-04	5.56E-04	5.38E-04	2.25E-04	3.74E-04	2.26E-03
606332	4122000	4.81E-04	4.71E-04	4.56E-04	1.17E-04	3.49E-04	1.87E-03	Worker	0.00E+00	0.00E+00	6.37E-07	7.53E-08	0.71	0.00	4.81E-04	4.71E-04	4.56E-04	1.91E-04	3.21E-04	1.92E-03
606352	4122000	4.15E-04	4.03E-04	3.90E-04	1.01E-04	3.02E-04	1.61E-03	Worker	0.00E+00	0.00E+00	5.48E-07	6.47E-08	0.61	0.00	4.15E-04	4.03E-04	3.90E-04	1.63E-04	2.78E-04	1.65E-03
606512	4122000	2.73E-04	2.62E-04	2.53E-04	3.76E-05	1.21E-04	9.47E-04	Residence	0.00E+00	0.00E+00	3.22E-07	3.81E-08	0.36	0.00	2.73E-04	2.62E-04	2.53E-04	6.12E-05	1.12E-04	9.61E-04
606532	4122000	2.74E-04	2.63E-04	2.55E-04	3.43E-05	1.11E-04	9.38E-04	Residence	0.00E+00	0.00E+00	3.19E-07	3.77E-08	0.36	0.00	2.74E-04	2.63E-04	2.55E-04	5.58E-05	1.02E-04	9.50E-04
606612	4122000	2.75E-04	2.66E-04	2.59E-04	2.47E-05	8.09E-05	9.06E-04	Residence	0.00E+00	0.00E+00	3.08E-07	3.64E-08	0.34	0.00	2.75E-04	2.66E-04	2.59E-04	4.02E-05	7.44E-05	9.15E-04
606632	4122000	2.73E-04	2.65E-04	2.58E-04	2.30E-05	7.53E-05	8.94E-04	Residence	0.00E+00	0.00E+00	3.04E-07	3.59E-08	0.34	0.00	2.73E-04	2.65E-04	2.58E-04	3.73E-05	6.92E-05	9.02E-04
606652	4122000	2.71E-04	2.64E-04	2.57E-04	2.14E-05	7.03E-05	8.84E-04	Residence	0.00E+00	0.00E+00	3.00E-07	3.55E-08	0.34	0.00	2.71E-04	2.64E-04	2.57E-04	3.48E-05	6.47E-05	8.91E-04
606672	4122000	2.70E-04	2.62E-04	2.56E-04	2.00E-05	6.59E-05	8.74E-04	Residence	0.00E+00	0.00E+00	2.97E-07	3.51E-08	0.33	0.00	2.70E-04	2.62E-04	2.56E-04	3.26E-05	6.06E-05	8.81E-04
606692	4122000	2.65E-04	2.58E-04	2.53E-04	1.88E-05	6.18E-05	8.57E-04	Residence	0.00E+00	0.00E+00	2.91E-07	3.44E-08	0.33	0.00	2.65E-04	2.58E-04	2.53E-04	3.05E-05	5.68E-05	8.63E-04
606712	4122000	2.62E-04	2.55E-04	2.50E-04	1.76E-05	5.81E-05	8.42E-04	Residence	0.00E+00	0.00E+00	2.86E-07	3.39E-08	0.32	0.00	2.62E-04	2.55E-04	2.50E-04	2.87E-05	5.35E-05	8.49E-04
606732	4122000	2.59E-04	2.53E-04	2.48E-04	1.66E-05	5.49E-05	8.33E-04	Residence	0.00E+00	0.00E+00	2.83E-07	3.35E-08	0.32	0.00	2.59E-04	2.53E-04	2.48E-04	2.70E-05	5.05E-05	8.39E-04
606752	4122000	2.52E-04	2.46E-04	2.41E-04	1.57E-05	5.18E-05	8.06E-04	Residence	0.00E+00	0.00E+00	2.74E-07	3.24E-08	0.31	0.00	2.52E-04	2.46E-04	2.41E-04	2.55E-05	4.76E-05	8.12E-04
606772	4122000	2.45E-04	2.40E-04	2.35E-04	1.48E-05	4.90E-05	7.84E-04	Residence	0.00E+00	0.00E+00	2.66E-07	3.15E-08	0.30	0.00	2.45E-04	2.40E-04	2.35E-04	2.41E-05	4.51E-05	7.89E-04
606792	4122000	2.42E-04	2.37E-04	2.32E-04	1.41E-05	4.65E-05	7.71E-04	Residence	0.00E+00	0.00E+00	2.62E-07	3.10E-08	0.29	0.00	2.42E-04	2.37E-04	2.32E-04	2.29E-05	4.28E-05	7.76E-04
606812	4122000	2.34E-04	2.29E-04	2.25E-04	1.33E-05	4.41E-05	7.46E-04	Residence	0.00E+00	0.00E+00	2.54E-07	3.00E-08	0.28	0.00	2.34E-04	2.29E-04	2.25E-04	2.17E-05	4.06E-05	7.50E-04
606832	4122000	2.28E-04	2.24E-04	2.20E-04	1.25E-05	4.19E-05	7.27E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	2.28E-04	2.24E-04	2.20E-04	2.04E-05	3.86E-05	7.31E-04
606852	4122000	2.25E-04	2.21E-04	2.17E-04	1.21E-05	4.00E-05	7.15E-04	Residence	0.00E+00	0.00E+00	2.43E-07	2.87E-08	0.27	0.00	2.25E-04	2.21E-04	2.17E-04	1.96E-05	3.68E-05	7.19E-04
605632	4122020	2.13E-04	2.18E-04	2.22E-04	2.06E-05	5.65E-05	7.30E-04	Residence	0.00E+00	0.00E+00	2.48E-07	2.94E-08	0.28	0.00	2.13E-04	2.18E-04	2.22E-04	3.35E-05	5.20E-05	7.39E-04
605652	4122020	2.22E-04	2.27E-04	2.32E-04	2.23E-05	6.07E-05	7.63E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.07E-08	0.29	0.00	2.22E-04	2.27E-04	2.32E-04	3.62E-05	5.59E-05	7.72E-04
605672	4122020	2.30E-04	2.35E-04	2.41E-04	2.41E-05	6.54E-05	7.96E-04	Residence	0.00E+00	0.00E+00	2.71E-07	3.20E-08	0.30	0.00	2.30E-04	2.35E-04	2.41E-04	3.92E-05	6.02E-05	8.06E-04

605692	4122020	2.40E-04	2.46E-04	2.52E-04	2.62E-05	7.07E-05	8.35E-04	Residence	0.00E+00	0.00E+00	2.84E-07	3.36E-08	0.32	0.00	2.40E-04	2.46E-04	2.52E-04	4.27E-05	6.51E-05	8.46E-04
605712	4122020	2.50E-04	2.57E-04	2.63E-04	2.87E-05	7.67E-05	8.75E-04	Residence	0.00E+00	0.00E+00	2.98E-07	3.52E-08	0.33	0.00	2.50E-04	2.57E-04	2.63E-04	4.66E-05	7.06E-05	8.87E-04
605732	4122020	2.61E-04	2.67E-04	2.74E-04	3.14E-05	8.35E-05	9.16E-04	Residence	0.00E+00	0.00E+00	3.12E-07	3.68E-08	0.35	0.00	2.61E-04	2.67E-04	2.74E-04	5.10E-05	7.68E-05	9.29E-04
605752	4122020	2.72E-04	2.79E-04	2.86E-04	3.46E-05	9.12E-05	9.62E-04	Residence	0.00E+00	0.00E+00	3.27E-07	3.87E-08	0.37	0.00	2.72E-04	2.79E-04	2.86E-04	5.62E-05	8.39E-05	9.77E-04
605772	4122020	2.84E-04	2.92E-04	2.99E-04	3.83E-05	1.00E-04	1.01E-03	Residence	0.00E+00	0.00E+00	3.45E-07	4.07E-08	0.39	0.00	2.84E-04	2.92E-04	2.99E-04	6.22E-05	9.22E-05	1.03E-03
605792	4122020	2.98E-04	3.07E-04	3.15E-04	4.26E-05	1.11E-04	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.32E-08	0.41	0.00	2.98E-04	3.07E-04	3.15E-04	6.93E-05	1.02E-04	1.09E-03
605812	4122020	3.14E-04	3.23E-04	3.32E-04	4.78E-05	1.23E-04	1.14E-03	Residence	0.00E+00	0.00E+00	3.88E-07	4.58E-08	0.43	0.00	3.14E-04	3.23E-04	3.32E-04	7.76E-05	1.13E-04	1.16E-03
605832	4122020	3.30E-04	3.40E-04	3.51E-04	5.39E-05	1.37E-04	1.21E-03	Residence	0.00E+00	0.00E+00	4.12E-07	4.87E-08	0.46	0.00	3.30E-04	3.40E-04	3.51E-04	8.75E-05	1.26E-04	1.23E-03
605852	4122020	3.44E-04	3.56E-04	3.67E-04	6.12E-05	1.54E-04	1.28E-03	Residence	0.00E+00	0.00E+00	4.36E-07	5.15E-08	0.49	0.00	3.44E-04	3.56E-04	3.67E-04	9.94E-05	1.42E-04	1.31E-03
605872	4122020	3.60E-04	3.72E-04	3.85E-04	7.00E-05	1.74E-04	1.36E-03	Residence	0.00E+00	0.00E+00	4.63E-07	5.47E-08	0.52	0.00	3.60E-04	3.72E-04	3.85E-04	1.14E-04	1.60E-04	1.39E-03
605892	4122020	3.77E-04	3.90E-04	4.04E-04	8.09E-05	1.99E-04	1.45E-03	Residence	0.00E+00	0.00E+00	4.93E-07	5.83E-08	0.55	0.00	3.77E-04	3.90E-04	4.04E-04	1.32E-04	1.83E-04	1.49E-03
605912	4122020	3.96E-04	4.11E-04	4.26E-04	9.44E-05	2.28E-04	1.55E-03	Residence	0.00E+00	0.00E+00	5.28E-07	6.25E-08	0.59	0.00	3.96E-04	4.11E-04	4.26E-04	1.53E-04	2.10E-04	1.59E-03
605932	4122020	4.17E-04	4.34E-04	4.50E-04	1.11E-04	2.63E-04	1.67E-03	Residence	0.00E+00	0.00E+00	5.69E-07	6.73E-08	0.64	0.00	4.17E-04	4.34E-04	4.50E-04	1.81E-04	2.42E-04	1.72E-03
605952	4122020	4.41E-04	4.59E-04	4.77E-04	1.32E-04	3.06E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.18E-07	7.30E-08	0.69	0.00	4.41E-04	4.59E-04	4.77E-04	2.15E-04	2.82E-04	1.87E-03
605972	4122020	4.69E-04	4.88E-04	5.07E-04	1.59E-04	3.59E-04	1.98E-03	Residence	0.00E+00	0.00E+00	6.74E-07	7.97E-08	0.75	0.00	4.69E-04	4.88E-04	5.07E-04	2.59E-04	3.30E-04	2.05E-03
605992	4122020	5.00E-04	5.21E-04	5.41E-04	1.93E-04	4.23E-04	2.18E-03	Residence	0.00E+00	0.00E+00	7.41E-07	8.76E-08	0.83	0.00	5.00E-04	5.21E-04	5.41E-04	3.14E-04	3.89E-04	2.27E-03
606012	4122020	5.35E-04	5.57E-04	5.79E-04	2.36E-04	4.99E-04	2.41E-03	Residence	0.00E+00	0.00E+00	8.18E-07	9.67E-08	0.91	0.00	5.35E-04	5.57E-04	5.79E-04	3.84E-04	4.59E-04	2.51E-03
606032	4122020	5.79E-04	6.02E-04	6.25E-04	2.90E-04	5.88E-04	2.68E-03	Residence	0.00E+00	0.00E+00	9.13E-07	1.08E-07	1.02	0.00	5.79E-04	6.02E-04	6.25E-04	4.71E-04	5.41E-04	2.82E-03
606052	4122020	6.27E-04	6.51E-04	6.73E-04	3.53E-04	6.87E-04	2.99E-03	Residence	0.00E+00	0.00E+00	1.02E-06	1.20E-07	1.14	0.00	6.27E-04	6.51E-04	6.73E-04	5.74E-04	6.32E-04	3.16E-03
606072	4122020	6.78E-04	7.00E-04	7.21E-04	4.22E-04	7.89E-04	3.31E-03	Residence	0.00E+00	0.00E+00	1.13E-06	1.33E-07	1.26	0.00	6.78E-04	7.00E-04	7.21E-04	6.86E-04	7.26E-04	3.51E-03
606272	4122020	6.15E-04	5.94E-04	5.74E-04	1.62E-04	4.57E-04	2.40E-03	Worker	0.00E+00	0.00E+00	8.17E-07	9.66E-08	0.91	0.00	6.15E-04	5.94E-04	5.74E-04	2.64E-04	4.21E-04	2.47E-03
606292	4122020	5.87E-04	5.65E-04	5.45E-04	1.34E-04	3.92E-04	2.22E-03	Worker	0.00E+00	0.00E+00	7.56E-07	8.93E-08	0.85	0.00	5.87E-04	5.65E-04	5.45E-04	2.17E-04	3.61E-04	2.27E-03
606312	4122020	5.24E-04	5.06E-04	4.87E-04	1.14E-04	3.41E-04	1.97E-03	Worker	0.00E+00	0.00E+00	6.71E-07	7.93E-08	0.75	0.00	5.24E-04	5.06E-04	4.87E-04	1.85E-04	3.14E-04	2.02E-03
606332	4122020	4.43E-04	4.30E-04	4.14E-04	9.89E-05	2.99E-04	1.68E-03	Worker	0.00E+00	0.00E+00	5.73E-07	6.77E-08	0.64	0.00	4.43E-04	4.30E-04	4.14E-04	1.61E-04	2.75E-04	1.72E-03
606352	4122020	3.76E-04	3.65E-04	3.52E-04	8.67E-05	2.63E-04	1.44E-03	Worker	0.00E+00	0.00E+00	4.91E-07	5.80E-08	0.55	0.00	3.76E-04	3.65E-04	3.52E-04	1.41E-04	2.42E-04	1.48E-03
606512	4122020	2.43E-04	2.35E-04	2.28E-04	3.53E-05	1.13E-04	8.54E-04	Residence	0.00E+00	0.00E+00	2.90E-07	3.43E-08	0.32	0.00	2.43E-04	2.35E-04	2.28E-04	5.73E-05	1.04E-04	8.67E-04
606532	4122020	2.45E-04	2.37E-04	2.30E-04	3.22E-05	1.04E-04	8.48E-04	Residence	0.00E+00	0.00E+00	2.88E-07	3.41E-08	0.32	0.00	2.45E-04	2.37E-04	2.30E-04	5.24E-05	9.58E-05	8.60E-04
606612	4122020	2.50E-04	2.43E-04	2.38E-04	2.34E-05	7.68E-05	8.32E-04	Residence	0.00E+00	0.00E+00	2.83E-07	3.34E-08	0.32	0.00	2.50E-04	2.43E-04	2.38E-04	3.80E-05	7.06E-05	8.40E-04
606632	4122020	2.50E-04	2.43E-04	2.38E-04	2.18E-05	7.16E-05	8.24E-04	Residence	0.00E+00	0.00E+00	2.80E-07	3.31E-08	0.31	0.00	2.50E-04	2.43E-04	2.38E-04	3.54E-05	6.59E-05	8.32E-04
606652	4122020	2.49E-04	2.43E-04	2.38E-04	2.03E-05	6.70E-05	8.18E-04	Residence	0.00E+00	0.00E+00	2.78E-07	3.29E-08	0.31	0.00	2.49E-04	2.43E-04	2.38E-04	3.30E-05	6.16E-05	8.25E-04
606672	4122020	2.48E-04	2.43E-04	2.38E-04	1.90E-05	6.29E-05	8.11E-04	Residence	0.00E+00	0.00E+00	2.76E-07	3.26E-08	0.31	0.00	2.48E-04	2.43E-04	2.38E-04	3.09E-05	5.79E-05	8.18E-04
606692	4122020	2.45E-04	2.40E-04	2.35E-04	1.79E-05	5.91E-05	7.98E-04	Residence	0.00E+00	0.00E+00	2.71E-07	3.21E-08	0.30	0.00	2.45E-04	2.40E-04	2.35E-04	2.90E-05	5.43E-05	8.04E-04
606712	4122020	2.43E-04	2.38E-04	2.33E-04	1.68E-05	5.57E-05	7.86E-04	Residence	0.00E+00	0.00E+00	2.67E-07	3.16E-08	0.30	0.00	2.43E-04	2.38E-04	2.33E-04	2.73E-05	5.12E-05	7.93E-04
606732	4122020	2.42E-04	2.37E-04	2.33E-04	1.59E-05	5.26E-05	7.80E-04	Residence	0.00E+00	0.00E+00	2.65E-07	3.14E-08	0.30	0.00	2.42E-04	2.37E-04	2.33E-04	2.58E-05	4.84E-05	7.86E-04
606752	4122020	2.35E-04	2.30E-04	2.26E-04	1.50E-05	4.97E-05	7.56E-04	Residence	0.00E+00	0.00E+00	2.57E-07	3.04E-08	0.29	0.00	2.35E-04	2.30E-04	2.26E-04	2.43E-05	4.57E-05	7.62E-04
606772	4122020	2.29E-04	2.25E-04	2.21E-04	1.42E-05	4.71E-05	7.36E-04	Residence	0.00E+00	0.00E+00	2.50E-07	2.96E-08	0.28	0.00	2.29E-04	2.25E-04	2.21E-04	2.30E-05	4.33E-05	7.41E-04
606792	4122020	2.27E-04	2.22E-04	2.19E-04	1.34E-05	4.47E-05	7.26E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	2.27E-04	2.22E-04	2.19E-04	2.19E-05	4.11E-05	7.31E-04
606812	4122020	2.20E-04	2.16E-04	2.12E-04	1.28E-05	4.25E-05	7.04E-04	Residence	0.00E+00	0.00E+00	2.39E-07	2.83E-08	0.27	0.00	2.20E-04	2.16E-04	2.12E-04	2.07E-05	3.91E-05	7.08E-04
606832	4122020	2.16E-04	2.12E-04	2.09E-04	1.21E-05	4.04E-05	6.89E-04	Residence	0.00E+00	0.00E+00	2.34E-07	2.77E-08	0.26	0.00	2.16E-04	2.12E-04	2.09E-04	1.97E-05	3.72E-05	6.93E-04
606852	4122020	2.13E-04	2.10E-04	2.06E-04	1.16E-05	3.86E-05	6.79E-04	Residence	0.00E+00	0.00E+00	2.31E-07	2.73E-08	0.26	0.00	2.13E-04	2.10E-04	2.06E-04	1.88E-05	3.55E-05	6.84E-04
605632	4122040	2.30E-04	2.34E-04	2.39E-04	2.23E-05	5.91E-05	7.85E-04	Residence	0.00E+00	0.00E+00	2.67E-07	3.15E-08	0.30	0.00	2.30E-04	2.34E-04	2.39E-04	3.62E-05	5.44E-05	7.94E-04
605652	4122040	2.39E-04	2.44E-04	2.49E-04	2.41E-05	6.36E-05	8.20E-04	Residence	0.00E+00	0.00E+00	2.79E-07	3.30E-08	0.31	0.00	2.39E-04	2.44E-04	2.49E-04	3.91E-05	5.85E-05	8.30E-04
605672	4122040	2.49E-04	2.55E-04	2.60E-04	2.62E-05	6.86E-05	8.59E-04	Residence	0.00E+00	0.00E+00	2.92E-07	3.45E-08	0.33	0.00	2.49E-04	2.55E-04	2.60E-04	4.25E-05	6.31E-05	8.70E-04
605692	4122040	2.60E-04	2.66E-04	2.72E-04	2.85E-05	7.43E-05	9.01E-04	Residence	0.00E+00	0.00E+00	3.06E-07	3.62E-08	0.34	0.00	2.60E-04	2.66E-04	2.72E-04	4.63E-05	6.83E-05	9.13E-04
605712	4122040	2.72E-04	2.79E-04	2.85E-04	3.12E-05	8.07E-05	9.47E-04	Residence	0.00E+00	0.00E+00	3.22E-07	3.81E-08	0.36	0.00	2.72E-04	2.79E-04	2.85E-04	5.07E-05	7.43E-05	9.60E-04
605732	4122040	2.84E-04	2.91E-04	2.98E-04	3.43E-05	8.80E-05	9.96E-04	Residence	0.00E+00	0.00E+00	3.39E-07	4.00E-08	0.38	0.00	2.84E-04	2.91E-04	2.98E-04	5.57E-05	8.10E-05	1.01E-03
605752	4122040	2.98E-04	3.05E-04	3.13E-04	3.78E-05	9.64E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.57E-07	4.22E-08	0.40	0.00	2.98E-04	3.05E-04	3.13E-04	6.15E-05	8.87E-05	1.07E-03
605772	4122040	3.13E-04	3.21E-04	3.29E-04	4.20E-05	1.06E-04	1.11E-03	Residence	0.00E+00	0.00E+00	3.78E-07	4.46E-08	0.42	0.00	3.13E-04	3.21E-04	3.29E-04	6.82E-05	9.76E-05	1.13E-03
605792	4122040	3.29E-04	3.38E-04	3.46E-04	4.68E-05	1.17E-04	1.18E-03	Residence	0.00E+00	0.00E+00	4.00E-07	4.73E-08	0.45	0.00	3.29E-04	3.38E-04	3.46E-04	7.61E-05	1.08E-04	1.20E-03
605812	4122040	3.47E-04	3.57E-04	3.67E-04	5.25E-05	1.30E-04	1.25E-03	Residence	0.00E+00	0.00E+00	4.26E-07	5.03E-08	0.48	0.00	3.47E-04	3.57E-04	3.67E-04	8.54E-05	1.20E-04	1.27E-03
605832	4122040	3.64E-04	3.75E-04	3.86E-04	5.94E-05	1.46E-04	1.33E-03	Residence	0.00E+00	0.00E+00	4.52E-07	5.34E-08	0.51	0.00	3.64E-04	3.75E-04	3.86E-04	9.65E-05	1.34E-04	1.35E-03
605852	4122040	3.81E-04	3.93E-04	4.05E-04	6.75E-05	1.63E-04	1.41E-03	Residence	0.00E+00	0.00E+00	4.80E-07	5.67E-08	0.54	0.00	3.81E-04	3.93E-04	4.05E-04	1.10E-04	1.50E-04	1.44E-03
605872	4122040	4.00E-04	4.13E-04	4.26E-04	7.74E-05	1.85E-04	1.50E-03	Residence	0.00E+00	0.00E+00	5.10E-07	6.03E-08	0.57	0.00	4.00E-04	4.13E-04	4.26E-04	1.26E-04	1.70E-04	1.53E-03
605892	4122040	4.21E-04	4.35E-04	4.49E-04	8.94E-05	2.10E-04	1.60E-03	Residence	0.00E+00	0.00E+00	5.45E-07	6.44E-08	0.61	0.00	4.21E-04	4.35E-04	4.49E-04	1.45E-04	1.93E-04	1.64E-03
605912	4122040	4.43E-04	4.59E-04	4.74E-04	1.04E-04	2.40E-04	1.72E-03	Residence	0.00E+00	0.00E+00	5.85E-07	6.91E-08	0.65	0.00	4.43E-04	4.59E-04	4.74E-04	1.69E-04	2.20E-04	1.77E-03
605932	4122040	4.68E-04	4.84E-04	5.01E-04	1.22E-04	2.75E-04	1.85E-03	Residence	0.00E+00	0.00E+00	6.29E-07	7.44E-08	0.70	0.00	4.68E-04	4.84E-04	5.01E-04	1.98E-04	2.53E-04	1.90E-03
605952	4122040	4.97E-04	5.14E-04	5.32E-04	1.44E-04	3.17E-04	2.00E-03	Residence	0.00E+00	0.00E+00	6.81E-07	8.05E-08	0.76	0.00	4.97E-04	5.14E-04	5.32E-04	2.34E-04	2.91E-04	2.07E-03
605972	4122040	5.28E-04	5.46E-04	5.65E-04	1.71E-04	3.66E-04	2.18E-03	Residence	0.00E+00	0.00E+00	7.40E-07	8.74E-08	0.83	0.00	5.28E-04	5.46E-04	5.65E-04	2.78E-04	3.36E-04	2.25E-03
605992	4122040	5.63E-04	5.82E-04	6.01E-04	2.03E-04	4.22E-04	2.37E-03	Residence	0.00E+00	0.00E+00	8.06E-07	9.53E-08	0.90	0.00	5.63E-04	5.82E-04	6.01E-04	3.30E-04	3.88E-04	2.46E-03
606012	4122040	6.02E-04	6.22E-04	6.41E-04	2.41E-04	4.86E-04	2.59E-03	Residence	0.00E+00	0.00E+00	8.81E-07	1.04E-07	0.99	0.00	6.02E-04	6.22E-04	6.41E-04	3.92E-04	4.47E-04	2.70E-03
606032	4122040	6.46E-04	6.65E-04	6.84E-04	2.84E-04	5.54E-04	2.83E-03	Residence	0.00E+00	0.00E+00	9.63E-07	1.14E-07	1.08	0.00	6.46E-04	6.65E-04	6.84E-04	4.62E-04	5.10E-04	2.97E-03
606052	4122040	6.93E-04	7.10E-04	7.27E-04	3.29E-04	6.22E-04	3.08E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.17	0.00	6.93E-04	7.10E-04	7.27E-04	5.35E-04	5.72E-04	3.24E-03
606072	4122040	7.40E-04	7.54E-04	7.67E-04	3.71E-04	6.82E-04	3.32E-03	Residence	0.00E+00	0.00E+00	1.13E-06	1.33E-07	1.26	0.00	7.40E-04	7.54E-04	7.67E-04	6.03E-04	6.28E-04	3.49E-03
606272	4122040	5.52E-04	5.33E-04	5.17E-04	1.34E-04	3.77E-04	2.11E-03	Worker	0.00E+00	0.00E+00	7.18E-07	8.49E-08	0.80	0.00	5.52E-04	5.33E-04	5.17E-04	2.17E-04	3.47E-04	2.17E-03
606292	4122040	5.22E-04	5.04E-04	4.86E-04	1.12E-04	3.30E-04	1.95E-03	Worker	0.00E+00	0.00E+00	6.64E-07	7.85E-08	0.74	0.00	5.22E-04	5.04E-04	4.86E-04	1.81E-04	3.04E-04	2.00E-03
606312	4122040	4.67E-04	4.52E-04	4.35E-04	9.63E-05	2.92E-04	1.74E-03	Worker	0.00E+00	0.00E+00	5.92E-07	7.00E-08	0.66	0.00	4.67E-04	4.52E-04	4.35E-04	1.56E-04	2.68E-04	1.78E-03
606332	4122040	3.99E-04	3.87E-04	3.74E-04	8.46E-05	2.59E-04	1.50E-03	Worker	0.00E+00	0.00E+00	5.11E-07	6.04E-08	0.57	0.00	3.99E-04	3.87E-04	3.74E-04	1.37E-04	2.38E-04	1.54E-03
606352	4122040	3.40E-04	3.30E-04	3.20E-04	7.52E-05	2.31E-04	1.30E-03	Worker	0.00E+00	0.00E+00	4.41E-07	5.21E-08	0.49	0.00	3.40E-04	3.30E-04	3.20E-04	1.22E-04	2.13E-04	1.32E-03
606512	4122040	2.21E-04	2.14E-04	2.10E-04	3.32E-05	1.06E-04	7.84E-04	Residence	0.00E+00	0.00E+00	2.67E-07	3.15E-08	0.30	0.00	2.21E-04	2.14E-04	2.10E-04	5.40E-05	9.78E-05	7.97E-04
606532	4122040	2.23E-04	2.17E-04	2.12E-04	3.05E-05	9.80E-05	7.80E-04	Residence	0.00E+00	0.00E+00	2.65E-07	3.13E-08	0.30	0.00	2.23E-04	2.17E-04	2.12E-04	4.95E-05	9.02E-05	7.91E-04
606572	4122040	2.27E-04	2.22E-04	2.17E-04	2.59E-05	8.41E-05	7.76E-04	Residence	0.00E+00	0.00E+00	2.64E-07	3.12E-08	0.30	0.00	2.27E-04	2.22E-04	2.17E-04	4.21E-05	7.74E-05	7.86E-04
606592	4122040	2.30E-04	2.24E-04	2.20E-04	2.40E-05	7.83E-05	7.77E-04	Residence	0.00E+00	0.00E+00	2.64E-07	3.12E-08	0.30	0.00	2.30E-04	2.24E-04	2.20E-04	3.90E-05	7.21E-05	7.86E-04
606612	4122040	2.31E-04	2.26E-04	2.22E-04	2.23E-05	7.30E-05	7.74E-04	Residence	0.00E+00	0.00E+00	2.63E-07	3.11E-08	0.29	0.00	2.31E-04	2.26E-04	2.22E-04	3.62E-05	6.72E-05	7.82E-04
606632	4122040	2.32E-04	2.26E-04	2.22E-04	2.08E-05	6.83E-05	7.69E-04	Residence	0.00E+00	0.00E+00	2.62E-07	3.09E-08	0.29	0.00	2.32E-04	2.26E-04	2.22E-04	3.38E-05	6.28E-05	7.77E-04
606652	4122040	2.32E-04	2.27E-04	2.23E-04	1.94E-05	6.40E-05	7.66E-04	Residence	0.00E+00	0.00E+00	2.60E-07	3.08E-08	0.29	0.00	2.32E-04	2.27E-04	2.23E-04	3.16E-05	5.89E-05	7.73E-04
606672	4122040	2.32E-04	2.27E-04	2.23E-04	1.82E-05	6.02E-05	7.61E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.06E-08	0.29	0.00	2.32E-04	2.27E-04	2.23E-04	2.96E-05	5.54E-05	7.68E-04
606692	4122040	2.30E-04	2.25E-04	2.21E-04	1.71E-05	5.66E-05	7.50E-04	Residence	0.00E+00	0.00E+00	2.55E-07	3.01E-08	0.29	0.00	2.30E-04	2.25E-04	2.21E-04	2.78E-05	5.21E-05	7.56E-04
606712	4122040	2.28E-04	2.23E-04	2.20E-04	1.61E-05	5.34E-05	7.41E-04	Residence	0.00E+00	0.00E+00	2.52E-07	2.98E-08	0.28	0.00	2.28E-04	2.23E-04	2.20E-04	2.62E-05	4.92E-05	7.46E-04
606732	4122040	2.28E-04	2.24E-04	2.20E-04	1.52E-05	5.06E-05	7.37E-04	Residence	0.00E+00	0.00E+00	2.51E-07	2.96E-08	0.28	0.00	2.28E-04	2.24E-04	2.20E-04	2.47E-05	4.65E-05	7.43E-04
606752	4122040	2.21E-04	2.18E-04	2.14E-04	1.44E-05	4.78E-05	7.15E-04	Residence	0.00E+00	0.00E+00	2.43E-07	2.88E-08	0.27	0.00	2.21E-04	2.18E-04	2.14E-04	2.33E-05	4.40E-05	7.20E-04
606772	4122040	2.16E-04	2.13E-04	2.09E-04	1.36E-05	4.53E-05	6.97E-04	Residence	0.00E+00	0.00E+00	2.37E-07	2.80E-08	0.27	0.00	2.16E-04	2.13E-04	2.09E-04	2.21E-05	4.17E-05	7.02E-04
606792	4122040	2.15E-04	2.11E-04	2.08E-04	1.29E-05	4.31E-05	6.90E-04	Residence	0.00E+00	0.00E+00	2.35E-07	2.77E-08	0.26	0.00	2.15E-04	2.11E-04	2.08E-04	2.10E-05	3.97E-05	6.95E-04
606812	4122040	2.09E-04	2.05E-04	2.02E-04	1.23E-05	4.10E-05	6.70E-04	Residence	0.00E+00	0.00E+00	2.28E-07	2.69E-08	0.25	0.00	2.09E-04	2.05E-04	2.02E-04	1.99E-05	3.77E-05	6.74E-04

606832	4122040	2.05E-04	2.02E-04	1.99E-04	1.17E-05	3.91E-05	6.57E-04	Residence	0.00E+00	0.00E+00	2.24E-07	2.64E-08	0.25	0.00	2.05E-04	2.02E-04	1.99E-04	1.90E-05	3.59E-05	6.62E-04
606852	4122040	2.03E-04	2.00E-04	1.97E-04	1.12E-05	3.73E-05	6.49E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.61E-08	0.25	0.00	2.03E-04	2.00E-04	1.97E-04	1.81E-05	3.43E-05	6.53E-04
605632	4122060	2.45E-04	2.50E-04	2.55E-04	2.39E-05	6.18E-05	8.36E-04	Residence	0.00E+00	0.00E+00	2.84E-07	3.36E-08	0.32	0.00	2.45E-04	2.50E-04	2.55E-04	3.89E-05	5.68E-05	8.46E-04
605652	4122060	2.56E-04	2.62E-04	2.67E-04	2.59E-05	6.65E-05	8.77E-04	Residence	0.00E+00	0.00E+00	2.98E-07	3.53E-08	0.33	0.00	2.56E-04	2.62E-04	2.67E-04	4.22E-05	6.12E-05	8.88E-04
605672	4122060	2.68E-04	2.74E-04	2.80E-04	2.82E-05	7.19E-05	9.22E-04	Residence	0.00E+00	0.00E+00	3.13E-07	3.71E-08	0.35	0.00	2.68E-04	2.74E-04	2.80E-04	4.59E-05	6.61E-05	9.34E-04
605692	4122060	2.79E-04	2.85E-04	2.91E-04	3.08E-05	7.79E-05	9.65E-04	Residence	0.00E+00	0.00E+00	3.28E-07	3.88E-08	0.37	0.00	2.79E-04	2.85E-04	2.91E-04	5.00E-05	7.17E-05	9.78E-04
605712	4122060	2.92E-04	2.99E-04	3.05E-04	3.37E-05	8.47E-05	1.01E-03	Residence	0.00E+00	0.00E+00	3.45E-07	4.08E-08	0.39	0.00	2.92E-04	2.99E-04	3.05E-04	5.48E-05	7.79E-05	1.03E-03
605732	4122060	3.06E-04	3.14E-04	3.21E-04	3.71E-05	9.25E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.64E-07	4.30E-08	0.41	0.00	3.06E-04	3.14E-04	3.21E-04	6.04E-05	8.51E-05	1.09E-03
605752	4122060	3.22E-04	3.30E-04	3.37E-04	4.11E-05	1.01E-04	1.13E-03	Residence	0.00E+00	0.00E+00	3.85E-07	4.55E-08	0.43	0.00	3.22E-04	3.30E-04	3.37E-04	6.68E-05	9.33E-05	1.15E-03
605772	4122060	3.39E-04	3.47E-04	3.56E-04	4.56E-05	1.12E-04	1.20E-03	Residence	0.00E+00	0.00E+00	4.08E-07	4.82E-08	0.46	0.00	3.39E-04	3.47E-04	3.56E-04	7.42E-05	1.03E-04	1.22E-03
605792	4122060	3.57E-04	3.66E-04	3.75E-04	5.10E-05	1.24E-04	1.27E-03	Residence	0.00E+00	0.00E+00	4.33E-07	5.12E-08	0.48	0.00	3.57E-04	3.66E-04	3.75E-04	8.29E-05	1.14E-04	1.29E-03
605812	4122060	3.77E-04	3.87E-04	3.97E-04	5.73E-05	1.37E-04	1.36E-03	Residence	0.00E+00	0.00E+00	4.61E-07	5.45E-08	0.52	0.00	3.77E-04	3.87E-04	3.97E-04	9.31E-05	1.26E-04	1.38E-03
605832	4122060	3.99E-04	4.10E-04	4.20E-04	6.48E-05	1.53E-04	1.45E-03	Residence	0.00E+00	0.00E+00	4.92E-07	5.81E-08	0.55	0.00	3.99E-04	4.10E-04	4.20E-04	1.05E-04	1.41E-04	1.47E-03
605852	4122060	4.19E-04	4.32E-04	4.44E-04	7.37E-05	1.72E-04	1.54E-03	Residence	0.00E+00	0.00E+00	5.24E-07	6.19E-08	0.59	0.00	4.19E-04	4.32E-04	4.44E-04	1.20E-04	1.58E-04	1.57E-03
605872	4122060	4.41E-04	4.54E-04	4.67E-04	8.42E-05	1.93E-04	1.64E-03	Residence	0.00E+00	0.00E+00	5.58E-07	6.59E-08	0.62	0.00	4.41E-04	4.54E-04	4.67E-04	1.37E-04	1.78E-04	1.68E-03
605892	4122060	4.65E-04	4.79E-04	4.93E-04	9.69E-05	2.18E-04	1.75E-03	Residence	0.00E+00	0.00E+00	5.96E-07	7.04E-08	0.67	0.00	4.65E-04	4.79E-04	4.93E-04	1.58E-04	2.01E-04	1.80E-03
605912	4122060	4.91E-04	5.06E-04	5.21E-04	1.12E-04	2.47E-04	1.88E-03	Residence	0.00E+00	0.00E+00	6.39E-07	7.55E-08	0.71	0.00	4.91E-04	5.06E-04	5.21E-04	1.82E-04	2.27E-04	1.93E-03
605932	4122060	5.19E-04	5.35E-04	5.51E-04	1.30E-04	2.81E-04	2.02E-03	Residence	0.00E+00	0.00E+00	6.85E-07	8.10E-08	0.77	0.00	5.19E-04	5.35E-04	5.51E-04	2.11E-04	2.58E-04	2.07E-03
605952	4122060	5.51E-04	5.68E-04	5.84E-04	1.51E-04	3.19E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.39E-07	8.73E-08	0.83	0.00	5.51E-04	5.68E-04	5.84E-04	2.46E-04	2.93E-04	2.24E-03
605972	4122060	5.83E-04	5.99E-04	6.16E-04	1.76E-04	3.62E-04	2.34E-03	Residence	0.00E+00	0.00E+00	7.94E-07	9.39E-08	0.89	0.00	5.83E-04	5.99E-04	6.16E-04	2.86E-04	3.33E-04	2.42E-03
605992	4122060	6.20E-04	6.36E-04	6.52E-04	2.04E-04	4.08E-04	2.52E-03	Residence	0.00E+00	0.00E+00	8.57E-07	1.01E-07	0.96	0.00	6.20E-04	6.36E-04	6.52E-04	3.31E-04	3.75E-04	2.61E-03
606012	4122060	6.59E-04	6.75E-04	6.89E-04	2.34E-04	4.57E-04	2.71E-03	Residence	0.00E+00	0.00E+00	9.23E-07	1.09E-07	1.03	0.00	6.59E-04	6.75E-04	6.89E-04	3.80E-04	4.20E-04	2.82E-03
606032	4122060	6.99E-04	7.12E-04	7.25E-04	2.64E-04	5.04E-04	2.90E-03	Residence	0.00E+00	0.00E+00	9.88E-07	1.17E-07	1.10	0.00	6.99E-04	7.12E-04	7.25E-04	4.29E-04	4.64E-04	3.03E-03
606052	4122060	7.40E-04	7.51E-04	7.60E-04	2.93E-04	5.47E-04	3.09E-03	Residence	0.00E+00	0.00E+00	1.05E-06	1.24E-07	1.17	0.00	7.40E-04	7.51E-04	7.60E-04	4.75E-04	5.03E-04	3.23E-03
606072	4122060	7.76E-04	7.82E-04	7.87E-04	3.14E-04	5.78E-04	3.24E-03	Residence	0.00E+00	0.00E+00	1.10E-06	1.30E-07	1.23	0.00	7.76E-04	7.82E-04	7.87E-04	5.10E-04	5.31E-04	3.39E-03
606272	4122060	4.98E-04	4.83E-04	4.68E-04	1.12E-04	3.15E-04	1.88E-03	Worker	0.00E+00	0.00E+00	6.38E-07	7.54E-08	0.71	0.00	4.98E-04	4.83E-04	4.68E-04	1.82E-04	2.90E-04	1.92E-03
606292	4122060	4.67E-04	4.52E-04	4.37E-04	9.52E-05	2.81E-04	1.73E-03	Worker	0.00E+00	0.00E+00	5.89E-07	6.96E-08	0.66	0.00	4.67E-04	4.52E-04	4.37E-04	1.55E-04	2.59E-04	1.77E-03
606312	4122060	4.19E-04	4.06E-04	3.92E-04	8.27E-05	2.52E-04	1.55E-03	Worker	0.00E+00	0.00E+00	5.27E-07	6.23E-08	0.59	0.00	4.19E-04	4.06E-04	3.92E-04	1.34E-04	2.32E-04	1.58E-03
606332	4122060	3.61E-04	3.51E-04	3.40E-04	7.32E-05	2.26E-04	1.35E-03	Worker	0.00E+00	0.00E+00	4.60E-07	5.43E-08	0.51	0.00	3.61E-04	3.51E-04	3.40E-04	1.19E-04	2.08E-04	1.38E-03
606352	4122060	3.10E-04	3.02E-04	2.93E-04	6.56E-05	2.04E-04	1.17E-03	Worker	0.00E+00	0.00E+00	4.00E-07	4.72E-08	0.45	0.00	3.10E-04	3.02E-04	2.93E-04	1.07E-04	1.88E-04	1.20E-03
606572	4122060	2.11E-04	2.07E-04	2.03E-04	2.47E-05	7.97E-05	7.25E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	2.11E-04	2.07E-04	2.03E-04	4.01E-05	7.33E-05	7.34E-04
606592	4122060	2.14E-04	2.10E-04	2.06E-04	2.29E-05	7.45E-05	7.28E-04	Residence	0.00E+00	0.00E+00	2.48E-07	2.93E-08	0.28	0.00	2.14E-04	2.10E-04	2.06E-04	3.73E-05	6.85E-05	7.37E-04
606612	4122060	2.16E-04	2.12E-04	2.08E-04	2.13E-05	6.96E-05	7.27E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	2.16E-04	2.12E-04	2.08E-04	3.47E-05	6.40E-05	7.35E-04
606632	4122060	2.17E-04	2.13E-04	2.10E-04	1.99E-05	6.52E-05	7.25E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.91E-08	0.28	0.00	2.17E-04	2.13E-04	2.10E-04	3.24E-05	6.00E-05	7.32E-04
606652	4122060	2.18E-04	2.14E-04	2.11E-04	1.87E-05	6.13E-05	7.23E-04	Residence	0.00E+00	0.00E+00	2.46E-07	2.91E-08	0.28	0.00	2.18E-04	2.14E-04	2.11E-04	3.03E-05	5.64E-05	7.30E-04
606672	4122060	2.19E-04	2.15E-04	2.12E-04	1.75E-05	5.77E-05	7.20E-04	Residence	0.00E+00	0.00E+00	2.45E-07	2.90E-08	0.27	0.00	2.19E-04	2.15E-04	2.12E-04	2.84E-05	5.31E-05	7.27E-04
606692	4122060	2.17E-04	2.13E-04	2.10E-04	1.65E-05	5.44E-05	7.11E-04	Residence	0.00E+00	0.00E+00	2.42E-07	2.86E-08	0.27	0.00	2.17E-04	2.13E-04	2.10E-04	2.67E-05	5.00E-05	7.17E-04
606712	4122060	2.15E-04	2.12E-04	2.09E-04	1.55E-05	5.14E-05	7.03E-04	Residence	0.00E+00	0.00E+00	2.39E-07	2.83E-08	0.27	0.00	2.15E-04	2.12E-04	2.09E-04	2.52E-05	4.73E-05	7.09E-04
606732	4122060	2.15E-04	2.12E-04	2.09E-04	1.47E-05	4.87E-05	7.00E-04	Residence	0.00E+00	0.00E+00	2.38E-07	2.81E-08	0.27	0.00	2.15E-04	2.12E-04	2.09E-04	2.38E-05	4.48E-05	7.05E-04
606752	4122060	2.10E-04	2.07E-04	2.04E-04	1.39E-05	4.61E-05	6.80E-04	Residence	0.00E+00	0.00E+00	2.31E-07	2.73E-08	0.26	0.00	2.10E-04	2.07E-04	2.04E-04	2.25E-05	4.24E-05	6.85E-04
606772	4122060	2.06E-04	2.03E-04	2.00E-04	1.31E-05	4.38E-05	6.66E-04	Residence	0.00E+00	0.00E+00	2.27E-07	2.68E-08	0.25	0.00	2.06E-04	2.03E-04	2.00E-04	2.13E-05	4.03E-05	6.71E-04
606792	4122060	2.05E-04	2.02E-04	1.99E-04	1.25E-05	4.17E-05	6.60E-04	Residence	0.00E+00	0.00E+00	2.25E-07	2.65E-08	0.25	0.00	2.05E-04	2.02E-04	1.99E-04	2.03E-05	3.83E-05	6.65E-04
606812	4122060	1.99E-04	1.96E-04	1.94E-04	1.19E-05	3.96E-05	6.40E-04	Residence	0.00E+00	0.00E+00	2.18E-07	2.57E-08	0.24	0.00	1.99E-04	1.96E-04	1.94E-04	1.93E-05	3.65E-05	6.45E-04
606832	4122060	1.96E-04	1.93E-04	1.91E-04	1.13E-05	3.78E-05	6.29E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.96E-04	1.93E-04	1.91E-04	1.84E-05	3.48E-05	6.33E-04
606852	4122060	1.94E-04	1.91E-04	1.89E-04	1.08E-05	3.61E-05	6.22E-04	Residence	0.00E+00	0.00E+00	2.11E-07	2.50E-08	0.24	0.00	1.94E-04	1.91E-04	1.89E-04	1.75E-05	3.33E-05	6.25E-04
607052	4122060	1.60E-04	1.59E-04	1.57E-04	7.19E-06	2.42E-05	5.07E-04	Residence	0.00E+00	0.00E+00	1.73E-07	2.04E-08	0.19	0.00	1.60E-04	1.59E-04	1.57E-04	1.17E-05	2.23E-05	5.10E-04
605632	4122080	2.59E-04	2.65E-04	2.70E-04	2.56E-05	6.44E-05	8.84E-04	Residence	0.00E+00	0.00E+00	3.00E-07	3.55E-08	0.34	0.00	2.59E-04	2.65E-04	2.70E-04	4.16E-05	5.92E-05	8.94E-04
605652	4122080	2.73E-04	2.79E-04	2.84E-04	2.78E-05	6.95E-05	9.33E-04	Residence	0.00E+00	0.00E+00	3.17E-07	3.75E-08	0.35	0.00	2.73E-04	2.79E-04	2.84E-04	4.52E-05	6.39E-05	9.45E-04
605672	4122080	2.87E-04	2.93E-04	2.99E-04	3.03E-05	7.52E-05	9.83E-04	Residence	0.00E+00	0.00E+00	3.34E-07	3.95E-08	0.37	0.00	2.87E-04	2.93E-04	2.99E-04	4.93E-05	6.92E-05	9.96E-04
605692	4122080	2.97E-04	3.03E-04	3.09E-04	3.31E-05	8.14E-05	1.02E-03	Residence	0.00E+00	0.00E+00	3.48E-07	4.12E-08	0.39	0.00	2.97E-04	3.03E-04	3.09E-04	5.38E-05	7.49E-05	1.04E-03
605712	4122080	3.12E-04	3.19E-04	3.26E-04	3.63E-05	8.87E-05	1.08E-03	Residence	0.00E+00	0.00E+00	3.68E-07	4.35E-08	0.41	0.00	3.12E-04	3.19E-04	3.26E-04	5.90E-05	8.16E-05	1.10E-03
605732	4122080	3.29E-04	3.36E-04	3.43E-04	4.00E-05	9.69E-05	1.14E-03	Residence	0.00E+00	0.00E+00	3.89E-07	4.60E-08	0.44	0.00	3.29E-04	3.36E-04	3.43E-04	6.51E-05	8.92E-05	1.16E-03
605752	4122080	3.45E-04	3.53E-04	3.60E-04	4.43E-05	1.06E-04	1.21E-03	Residence	0.00E+00	0.00E+00	4.11E-07	4.86E-08	0.46	0.00	3.45E-04	3.53E-04	3.60E-04	7.20E-05	9.77E-05	1.23E-03
605772	4122080	3.63E-04	3.72E-04	3.80E-04	4.93E-05	1.17E-04	1.28E-03	Residence	0.00E+00	0.00E+00	4.36E-07	5.15E-08	0.49	0.00	3.63E-04	3.72E-04	3.80E-04	8.01E-05	1.08E-04	1.30E-03
605792	4122080	3.84E-04	3.94E-04	4.03E-04	5.51E-05	1.29E-04	1.37E-03	Residence	0.00E+00	0.00E+00	4.64E-07	5.49E-08	0.52	0.00	3.84E-04	3.94E-04	4.03E-04	8.95E-05	1.19E-04	1.39E-03
605812	4122080	4.06E-04	4.15E-04	4.25E-04	6.19E-05	1.43E-04	1.45E-03	Residence	0.00E+00	0.00E+00	4.93E-07	5.83E-08	0.55	0.00	4.06E-04	4.15E-04	4.25E-04	1.01E-04	1.32E-04	1.48E-03
605832	4122080	4.28E-04	4.39E-04	4.49E-04	6.98E-05	1.59E-04	1.54E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.21E-08	0.59	0.00	4.28E-04	4.39E-04	4.49E-04	1.13E-04	1.46E-04	1.58E-03
605852	4122080	4.53E-04	4.65E-04	4.76E-04	7.91E-05	1.78E-04	1.65E-03	Residence	0.00E+00	0.00E+00	5.61E-07	6.64E-08	0.63	0.00	4.53E-04	4.65E-04	4.76E-04	1.29E-04	1.63E-04	1.69E-03
605872	4122080	4.79E-04	4.92E-04	5.03E-04	9.01E-05	1.99E-04	1.76E-03	Residence	0.00E+00	0.00E+00	6.00E-07	7.09E-08	0.67	0.00	4.79E-04	4.92E-04	5.03E-04	1.46E-04	1.83E-04	1.80E-03
605892	4122080	5.05E-04	5.18E-04	5.30E-04	1.03E-04	2.23E-04	1.88E-03	Residence	0.00E+00	0.00E+00	6.39E-07	7.55E-08	0.71	0.00	5.05E-04	5.18E-04	5.30E-04	1.67E-04	2.05E-04	1.92E-03
605912	4122080	5.37E-04	5.50E-04	5.63E-04	1.18E-04	2.50E-04	2.02E-03	Residence	0.00E+00	0.00E+00	6.86E-07	8.11E-08	0.77	0.00	5.37E-04	5.50E-04	5.63E-04	1.91E-04	2.30E-04	2.07E-03
605932	4122080	5.68E-04	5.82E-04	5.96E-04	1.34E-04	2.80E-04	2.16E-03	Residence	0.00E+00	0.00E+00	7.35E-07	8.69E-08	0.82	0.00	5.68E-04	5.82E-04	5.96E-04	2.19E-04	2.58E-04	2.22E-03
605952	4122080	6.01E-04	6.15E-04	6.29E-04	1.54E-04	3.13E-04	2.31E-03	Residence	0.00E+00	0.00E+00	7.86E-07	9.29E-08	0.88	0.00	6.01E-04	6.15E-04	6.29E-04	2.49E-04	2.88E-04	2.38E-03
606272	4122080	4.53E-04	4.40E-04	4.28E-04	9.57E-05	2.69E-04	1.69E-03	Worker	0.00E+00	0.00E+00	5.73E-07	6.78E-08	0.64	0.00	4.53E-04	4.40E-04	4.28E-04	1.56E-04	2.47E-04	1.72E-03
606292	4122080	4.22E-04	4.10E-04	3.98E-04	8.24E-05	2.43E-04	1.55E-03	Worker	0.00E+00	0.00E+00	5.28E-07	6.25E-08	0.59	0.00	4.22E-04	4.10E-04	3.98E-04	1.34E-04	2.23E-04	1.59E-03
606312	4122080	3.79E-04	3.68E-04	3.58E-04	7.21E-05	2.20E-04	1.40E-03	Worker	0.00E+00	0.00E+00	4.75E-07	5.61E-08	0.53	0.00	3.79E-04	3.68E-04	3.58E-04	1.17E-04	2.02E-04	1.42E-03
606332	4122080	3.30E-04	3.22E-04	3.13E-04	6.41E-05	1.99E-04	1.23E-03	Worker	0.00E+00	0.00E+00	4.18E-07	4.94E-08	0.47	0.00	3.30E-04	3.22E-04	3.13E-04	1.04E-04	1.83E-04	1.25E-03
606352	4122080	2.86E-04	2.80E-04	2.73E-04	5.77E-05	1.81E-04	1.08E-03	Worker	0.00E+00	0.00E+00	3.66E-07	4.33E-08	0.41	0.00	2.86E-04	2.80E-04	2.73E-04	9.38E-05	1.67E-04	1.10E-03
606572	4122080	1.99E-04	1.95E-04	1.92E-04	2.35E-05	7.56E-05	6.85E-04	Residence	0.00E+00	0.00E+00	2.33E-07	2.75E-08	0.26	0.00	1.99E-04	1.95E-04	1.92E-04	3.82E-05	6.96E-05	6.94E-04
606592	4122080	2.02E-04	1.98E-04	1.96E-04	2.19E-05	7.09E-05	6.89E-04	Residence	0.00E+00	0.00E+00	2.34E-07	2.77E-08	0.26	0.00	2.02E-04	1.98E-04	1.96E-04	3.56E-05	6.52E-05	6.97E-04
606612	4122080	2.05E-04	2.01E-04	1.98E-04	2.05E-05	6.65E-05	6.91E-04	Residence	0.00E+00	0.00E+00	2.35E-07	2.78E-08	0.26	0.00	2.05E-04	2.01E-04	1.98E-04	3.33E-05	6.11E-05	6.98E-04
606632	4122080	2.06E-04	2.03E-04	2.00E-04	1.92E-05	6.24E-05	6.90E-04	Residence	0.00E+00	0.00E+00	2.35E-07	2.78E-08	0.26	0.00	2.06E-04	2.03E-04	2.00E-04	3.11E-05	5.74E-05	6.97E-04
606652	4122080	2.07E-04	2.04E-04	2.01E-04	1.80E-05	5.88E-05	6.89E-04	Residence	0.00E+00	0.00E+00	2.34E-07	2.77E-08	0.26	0.00	2.07E-04	2.04E-04	2.01E-04	2.92E-05	5.41E-05	6.96E-04
606672	4122080	2.08E-04	2.05E-04	2.02E-04	1.69E-05	5.54E-05	6.87E-04	Residence	0.00E+00	0.00E+00	2.34E-07	2.76E-08	0.26	0.00	2.08E-04	2.05E-04	2.02E-04	2.74E-05	5.10E-05	6.94E-04
606692	4122080	2.07E-04	2.04E-04	2.02E-04	1.59E-05	5.23E-05	6.82E-04	Residence	0.00E+00	0.00E+00	2.32E-07	2.74E-08	0.26	0.00	2.07E-04	2.04E-04	2.02E-04	2.58E-05	4.81E-05	6.88E-04
606712	4122080	2.06E-04	2.03E-04	2.01E-04	1.50E-05	4.95E-05	6.74E-04	Residence	0.00E+00	0.00E+00	2.29E-07	2.71E-08	0.26	0.00	2.06E-04	2.03E-04	2.01E-04	2.44E-05	4.56E-05	6.80E-04
606732	4122080	2.04E-04	2.01E-04	1.99E-04	1.42E-05	4.69E-05	6.66E-04	Residence	0.00E+00	0.00E+00	2.26E-07	2.68E-08	0.25	0.00	2.04E-04	2.01E-04	1.99E-04	2.30E-05	4.32E-05	6.71E-04
606752	4122080	2.00E-04	1.97E-04	1.95E-04	1.34E-05	4.45E-05	6.50E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.61E-08	0.25	0.00	2.00E-04	1.97E-04	1.95E-04	2.18E-05	4.10E-05	6.55E-04
606772	4122080	1.97E-04	1.95E-04	1.92E-04	1.27E-05	4.23E-05	6.39E-04	Residence	0.00E+00	0.00E+00	2.17E-07	2.57E-08	0.24	0.00	1.97E-04	1.95E-04	1.92E-04	2.07E-05	3.89E-05	6.44E-04
606792	4122080	1.97E-04	1.94E-04	1.92E-04	1.21E-05	4.03E-05	6.35E-04	Residence	0.00E+00	0.00E+00	2.16E-07	2.55E-08	0.24	0.00	1.97E-04	1.94E-04	1.92E-04	1.97E-05	3.71E-05	6.39E-04
606812	4122080	1.91E-04	1.89E-04	1.87E-04	1.15E-05	3.84E-05	6.17E-04	Residence	0.00E+00	0.00E+00	2.10E-07	2.48E-08	0.23	0.00	1.91E-04	1.89E-04	1.87E-04	1.87E-05	3.53E-05	6.21E-04
606892	4122080	1.79E-04	1.77E-04	1.75E-04	9.56E-06	3.21E-05	5.74E-04	Residence	0.00E+00	0.00E+00	1.95E-07	2.31E-08	0.22	0.00	1.79E-04	1.77E-04	1.75E-04	1.55E-05	2.96E-05	5.77E-04
606912	4122080	1.76E-04	1.74E-04	1.72E-04	9.16E-06	3.08E-05	5.62E-04	Residence	0.00E+00	0.00E+00	1.91E-07	2.26E-08	0.21	0.00	1.76E-04	1.74E-04	1.72E-04	1.49E-05	2.83E-05	5.65E-04

606932	4122080	1.74E-04	1.72E-04	1.70E-04	8.79E-06	2.96E-05	5.54E-04	Residence	0.00E+00	0.00E+00	1.88E-07	2.23E-08	0.21	0.00	1.74E-04	1.72E-04	1.70E-04	1.43E-05	2.72E-05	5.57E-04
605632	4122100	2.76E-04	2.81E-04	2.87E-04	2.74E-05	6.71E-05	9.39E-04	Residence	0.00E+00	0.00E+00	3.19E-07	3.77E-08	0.36	0.00	2.76E-04	2.81E-04	2.87E-04	4.44E-05	6.17E-05	9.50E-04
605652	4122100	2.91E-04	2.97E-04	3.02E-04	2.97E-05	7.25E-05	9.92E-04	Residence	0.00E+00	0.00E+00	3.37E-07	3.99E-08	0.38	0.00	2.91E-04	2.97E-04	3.02E-04	4.83E-05	6.67E-05	1.00E-03
605672	4122100	3.06E-04	3.12E-04	3.18E-04	3.24E-05	7.84E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.56E-07	4.20E-08	0.40	0.00	3.06E-04	3.12E-04	3.18E-04	5.27E-05	7.22E-05	1.06E-03
605692	4122100	3.17E-04	3.23E-04	3.30E-04	3.54E-05	8.50E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.71E-07	4.38E-08	0.41	0.00	3.17E-04	3.23E-04	3.30E-04	5.76E-05	7.82E-05	1.11E-03
605712	4122100	3.37E-04	3.44E-04	3.51E-04	3.90E-05	9.27E-05	1.16E-03	Residence	0.00E+00	0.00E+00	3.96E-07	4.68E-08	0.44	0.00	3.37E-04	3.44E-04	3.51E-04	6.33E-05	8.53E-05	1.18E-03
605732	4122100	3.57E-04	3.64E-04	3.71E-04	4.30E-05	1.01E-04	1.24E-03	Residence	0.00E+00	0.00E+00	4.20E-07	4.97E-08	0.47	0.00	3.57E-04	3.64E-04	3.71E-04	6.98E-05	9.32E-05	1.25E-03
605752	4122100	3.72E-04	3.80E-04	3.87E-04	4.75E-05	1.11E-04	1.30E-03	Residence	0.00E+00	0.00E+00	4.41E-07	5.21E-08	0.49	0.00	3.72E-04	3.80E-04	3.87E-04	7.73E-05	1.02E-04	1.32E-03
605772	4122100	3.93E-04	4.01E-04	4.09E-04	5.28E-05	1.22E-04	1.38E-03	Residence	0.00E+00	0.00E+00	4.68E-07	5.54E-08	0.52	0.00	3.93E-04	4.01E-04	4.09E-04	8.59E-05	1.12E-04	1.40E-03
605792	4122100	4.19E-04	4.28E-04	4.37E-04	5.90E-05	1.34E-04	1.48E-03	Residence	0.00E+00	0.00E+00	5.02E-07	5.94E-08	0.56	0.00	4.19E-04	4.28E-04	4.37E-04	9.58E-05	1.24E-04	1.50E-03
605812	4122100	4.41E-04	4.51E-04	4.60E-04	6.60E-05	1.48E-04	1.57E-03	Residence	0.00E+00	0.00E+00	5.33E-07	6.30E-08	0.60	0.00	4.41E-04	4.51E-04	4.60E-04	1.07E-04	1.36E-04	1.60E-03
605832	4122100	4.62E-04	4.72E-04	4.82E-04	7.41E-05	1.64E-04	1.65E-03	Residence	0.00E+00	0.00E+00	5.62E-07	6.65E-08	0.63	0.00	4.62E-04	4.72E-04	4.82E-04	1.20E-04	1.51E-04	1.69E-03
605852	4122100	4.95E-04	5.07E-04	5.18E-04	8.36E-05	1.82E-04	1.79E-03	Residence	0.00E+00	0.00E+00	6.07E-07	7.18E-08	0.68	0.00	4.95E-04	5.07E-04	5.18E-04	1.36E-04	1.67E-04	1.82E-03
605872	4122100	5.20E-04	5.32E-04	5.44E-04	9.42E-05	2.02E-04	1.89E-03	Residence	0.00E+00	0.00E+00	6.44E-07	7.61E-08	0.72	0.00	5.20E-04	5.32E-04	5.44E-04	1.53E-04	1.86E-04	1.94E-03
605892	4122100	5.50E-04	5.62E-04	5.74E-04	1.06E-04	2.24E-04	2.02E-03	Residence	0.00E+00	0.00E+00	6.86E-07	8.11E-08	0.77	0.00	5.50E-04	5.62E-04	5.74E-04	1.73E-04	2.06E-04	2.07E-03
605912	4122100	5.80E-04	5.92E-04	6.04E-04	1.20E-04	2.48E-04	2.14E-03	Residence	0.00E+00	0.00E+00	7.29E-07	8.61E-08	0.81	0.00	5.80E-04	5.92E-04	6.04E-04	1.95E-04	2.28E-04	2.20E-03
606572	4122100	1.89E-04	1.86E-04	1.84E-04	2.24E-05	7.17E-05	6.52E-04	Residence	0.00E+00	0.00E+00	2.22E-07	2.62E-08	0.25	0.00	1.89E-04	1.86E-04	1.84E-04	3.64E-05	6.60E-05	6.61E-04
606592	4122100	1.92E-04	1.89E-04	1.87E-04	2.10E-05	6.74E-05	6.56E-04	Residence	0.00E+00	0.00E+00	2.23E-07	2.64E-08	0.25	0.00	1.92E-04	1.89E-04	1.87E-04	3.41E-05	6.20E-05	6.63E-04
606612	4122100	1.94E-04	1.91E-04	1.89E-04	1.96E-05	6.33E-05	6.57E-04	Residence	0.00E+00	0.00E+00	2.23E-07	2.64E-08	0.25	0.00	1.94E-04	1.91E-04	1.89E-04	3.19E-05	5.83E-05	6.64E-04
606632	4122100	1.96E-04	1.93E-04	1.91E-04	1.84E-05	5.97E-05	6.57E-04	Residence	0.00E+00	0.00E+00	2.23E-07	2.64E-08	0.25	0.00	1.96E-04	1.93E-04	1.91E-04	2.99E-05	5.49E-05	6.64E-04
606652	4122100	1.97E-04	1.94E-04	1.92E-04	1.73E-05	5.63E-05	6.56E-04	Residence	0.00E+00	0.00E+00	2.23E-07	2.64E-08	0.25	0.00	1.97E-04	1.94E-04	1.92E-04	2.81E-05	5.18E-05	6.63E-04
606672	4122100	1.97E-04	1.95E-04	1.92E-04	1.63E-05	5.32E-05	6.54E-04	Residence	0.00E+00	0.00E+00	2.22E-07	2.63E-08	0.25	0.00	1.97E-04	1.95E-04	1.92E-04	2.65E-05	4.89E-05	6.59E-04
606692	4122100	1.97E-04	1.94E-04	1.92E-04	1.54E-05	5.03E-05	6.50E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.61E-08	0.25	0.00	1.97E-04	1.94E-04	1.92E-04	2.50E-05	4.63E-05	6.55E-04
606712	4122100	1.97E-04	1.94E-04	1.92E-04	1.45E-05	4.77E-05	6.45E-04	Residence	0.00E+00	0.00E+00	2.19E-07	2.59E-08	0.25	0.00	1.97E-04	1.94E-04	1.92E-04	2.36E-05	4.39E-05	6.51E-04
606852	4122100	1.80E-04	1.78E-04	1.76E-04	1.02E-05	3.40E-05	5.78E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.32E-08	0.22	0.00	1.80E-04	1.78E-04	1.76E-04	1.65E-05	3.13E-05	5.82E-04
606872	4122100	1.77E-04	1.75E-04	1.73E-04	9.73E-06	3.26E-05	5.68E-04	Residence	0.00E+00	0.00E+00	1.93E-07	2.28E-08	0.22	0.00	1.77E-04	1.75E-04	1.73E-04	1.58E-05	3.00E-05	5.71E-04
606892	4122100	1.73E-04	1.71E-04	1.69E-04	9.31E-06	3.12E-05	5.53E-04	Residence	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.73E-04	1.71E-04	1.69E-04	1.51E-05	2.87E-05	5.56E-04
606912	4122100	1.70E-04	1.68E-04	1.67E-04	8.92E-06	3.00E-05	5.44E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.19E-08	0.21	0.00	1.70E-04	1.68E-04	1.67E-04	1.45E-05	2.76E-05	5.47E-04
606932	4122100	1.68E-04	1.67E-04	1.65E-04	8.57E-06	2.88E-05	5.38E-04	Residence	0.00E+00	0.00E+00	1.83E-07	2.16E-08	0.20	0.00	1.68E-04	1.67E-04	1.65E-04	1.39E-05	2.65E-05	5.41E-04
605632	4122120	2.93E-04	2.98E-04	3.03E-04	2.91E-05	6.98E-05	9.93E-04	Residence	0.00E+00	0.00E+00	3.38E-07	3.99E-08	0.38	0.00	2.93E-04	2.98E-04	3.03E-04	4.73E-05	6.42E-05	1.01E-03
605652	4122120	3.09E-04	3.15E-04	3.21E-04	3.17E-05	7.54E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.58E-07	4.23E-08	0.40	0.00	3.09E-04	3.15E-04	3.21E-04	5.14E-05	6.93E-05	1.07E-03
605672	4122120	3.25E-04	3.31E-04	3.37E-04	3.45E-05	8.16E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.77E-07	4.46E-08	0.42	0.00	3.25E-04	3.31E-04	3.37E-04	5.61E-05	7.50E-05	1.12E-03
605692	4122120	3.37E-04	3.44E-04	3.50E-04	3.78E-05	8.83E-05	1.16E-03	Residence	0.00E+00	0.00E+00	3.93E-07	4.65E-08	0.44	0.00	3.37E-04	3.44E-04	3.50E-04	6.14E-05	8.13E-05	1.17E-03
605712	4122120	3.60E-04	3.66E-04	3.73E-04	4.15E-05	9.63E-05	1.24E-03	Residence	0.00E+00	0.00E+00	4.21E-07	4.97E-08	0.47	0.00	3.60E-04	3.66E-04	3.73E-04	6.75E-05	8.86E-05	1.26E-03
605732	4122120	3.82E-04	3.89E-04	3.97E-04	4.58E-05	1.05E-04	1.32E-03	Residence	0.00E+00	0.00E+00	4.49E-07	5.30E-08	0.50	0.00	3.82E-04	3.89E-04	3.97E-04	7.44E-05	9.67E-05	1.34E-03
605752	4122120	3.97E-04	4.05E-04	4.13E-04	5.06E-05	1.15E-04	1.38E-03	Residence	0.00E+00	0.00E+00	4.69E-07	5.55E-08	0.52	0.00	3.97E-04	4.05E-04	4.13E-04	8.22E-05	1.05E-04	1.40E-03
605772	4122120	4.22E-04	4.30E-04	4.38E-04	5.61E-05	1.26E-04	1.47E-03	Residence	0.00E+00	0.00E+00	5.00E-07	5.91E-08	0.56	0.00	4.22E-04	4.30E-04	4.38E-04	9.11E-05	1.16E-04	1.50E-03
605792	4122120	4.50E-04	4.58E-04	4.67E-04	6.24E-05	1.38E-04	1.58E-03	Residence	0.00E+00	0.00E+00	5.36E-07	6.33E-08	0.60	0.00	4.50E-04	4.58E-04	4.67E-04	1.01E-04	1.27E-04	1.60E-03
605812	4122120	4.72E-04	4.81E-04	4.90E-04	6.95E-05	1.52E-04	1.67E-03	Residence	0.00E+00	0.00E+00	5.66E-07	6.69E-08	0.63	0.00	4.72E-04	4.81E-04	4.90E-04	1.13E-04	1.39E-04	1.70E-03
605832	4122120	4.97E-04	5.06E-04	5.15E-04	7.75E-05	1.67E-04	1.76E-03	Residence	0.00E+00	0.00E+00	5.99E-07	7.08E-08	0.67	0.00	4.97E-04	5.06E-04	5.15E-04	1.26E-04	1.53E-04	1.80E-03
605852	4122120	5.30E-04	5.40E-04	5.50E-04	8.66E-05	1.83E-04	1.89E-03	Residence	0.00E+00	0.00E+00	6.43E-07	7.60E-08	0.72	0.00	5.30E-04	5.40E-04	5.50E-04	1.41E-04	1.69E-04	1.93E-03
605872	4122120	5.56E-04	5.66E-04	5.77E-04	9.65E-05	2.01E-04	2.00E-03	Residence	0.00E+00	0.00E+00	6.79E-07	8.03E-08	0.76	0.00	5.56E-04	5.66E-04	5.77E-04	1.57E-04	1.85E-04	2.04E-03
605992	4122120	7.27E-04	7.30E-04	7.31E-04	1.67E-04	3.21E-04	2.68E-03	Residence	0.00E+00	0.00E+00	9.10E-07	1.08E-07	1.02	0.00	7.27E-04	7.30E-04	7.31E-04	2.71E-04	2.96E-04	2.75E-03
606012	4122120	7.48E-04	7.49E-04	7.48E-04	1.75E-04	3.35E-04	2.76E-03	Residence	0.00E+00	0.00E+00	9.37E-07	1.11E-07	1.05	0.00	7.48E-04	7.49E-04	7.48E-04	2.85E-04	3.08E-04	2.84E-03
606032	4122120	7.61E-04	7.59E-04	7.55E-04	1.81E-04	3.44E-04	2.80E-03	Residence	0.00E+00	0.00E+00	9.52E-07	1.13E-07	1.06	0.00	7.61E-04	7.59E-04	7.55E-04	2.94E-04	3.17E-04	2.89E-03
606052	4122120	7.65E-04	7.59E-04	7.52E-04	1.82E-04	3.47E-04	2.81E-03	Residence	0.00E+00	0.00E+00	9.54E-07	1.13E-07	1.07	0.00	7.65E-04	7.59E-04	7.52E-04	2.96E-04	3.19E-04	2.89E-03
606512	4122120	1.74E-04	1.72E-04	1.71E-04	2.59E-05	8.21E-05	6.26E-04	Residence	0.00E+00	0.00E+00	2.13E-07	2.51E-08	0.24	0.00	1.74E-04	1.72E-04	1.71E-04	4.21E-05	7.56E-05	6.35E-04
606532	4122120	1.76E-04	1.74E-04	1.72E-04	2.42E-05	7.70E-05	6.23E-04	Residence	0.00E+00	0.00E+00	2.12E-07	2.50E-08	0.24	0.00	1.76E-04	1.74E-04	1.72E-04	3.94E-05	7.08E-05	6.32E-04
606552	4122120	1.78E-04	1.76E-04	1.74E-04	2.27E-05	7.23E-05	6.23E-04	Residence	0.00E+00	0.00E+00	2.12E-07	2.51E-08	0.24	0.00	1.78E-04	1.76E-04	1.74E-04	3.69E-05	6.65E-05	6.32E-04
606572	4122120	1.81E-04	1.78E-04	1.77E-04	2.13E-05	6.80E-05	6.25E-04	Residence	0.00E+00	0.00E+00	2.13E-07	2.51E-08	0.24	0.00	1.81E-04	1.78E-04	1.77E-04	3.46E-05	6.26E-05	6.33E-04
606592	4122120	1.84E-04	1.81E-04	1.79E-04	2.00E-05	6.41E-05	6.28E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.52E-08	0.24	0.00	1.84E-04	1.81E-04	1.79E-04	3.25E-05	5.90E-05	6.36E-04
606772	4122120	1.83E-04	1.81E-04	1.80E-04	1.20E-05	3.97E-05	5.96E-04	Residence	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.83E-04	1.81E-04	1.80E-04	1.95E-05	3.65E-05	6.01E-04
606792	4122120	1.81E-04	1.79E-04	1.78E-04	1.14E-05	3.78E-05	5.88E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.36E-08	0.22	0.00	1.81E-04	1.79E-04	1.78E-04	1.86E-05	3.48E-05	5.92E-04
606812	4122120	1.80E-04	1.78E-04	1.76E-04	1.09E-05	3.62E-05	5.80E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.80E-04	1.78E-04	1.76E-04	1.77E-05	3.33E-05	5.84E-04
606852	4122120	1.74E-04	1.72E-04	1.71E-04	9.93E-06	3.31E-05	5.60E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.74E-04	1.72E-04	1.71E-04	1.61E-05	3.04E-05	5.63E-04
606872	4122120	1.71E-04	1.70E-04	1.68E-04	9.50E-06	3.17E-05	5.50E-04	Residence	0.00E+00	0.00E+00	1.87E-07	2.21E-08	0.21	0.00	1.71E-04	1.70E-04	1.68E-04	1.54E-05	2.92E-05	5.53E-04
606892	4122120	1.68E-04	1.66E-04	1.65E-04	9.09E-06	3.04E-05	5.38E-04	Residence	0.00E+00	0.00E+00	1.83E-07	2.16E-08	0.20	0.00	1.68E-04	1.66E-04	1.65E-04	1.48E-05	2.80E-05	5.41E-04
606912	4122120	1.65E-04	1.64E-04	1.62E-04	8.71E-06	2.92E-05	5.29E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.13E-08	0.20	0.00	1.65E-04	1.64E-04	1.62E-04	1.42E-05	2.69E-05	5.33E-04
605632	4122140	3.10E-04	3.16E-04	3.21E-04	3.08E-05	7.24E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.57E-07	4.22E-08	0.40	0.00	3.10E-04	3.16E-04	3.21E-04	5.01E-05	6.66E-05	1.06E-03
605652	4122140	3.28E-04	3.34E-04	3.40E-04	3.36E-05	7.82E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.79E-07	4.48E-08	0.42	0.00	3.28E-04	3.34E-04	3.40E-04	5.46E-05	7.19E-05	1.13E-03
605672	4122140	3.43E-04	3.49E-04	3.55E-04	3.66E-05	8.44E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.97E-07	4.70E-08	0.44	0.00	3.43E-04	3.49E-04	3.55E-04	5.95E-05	7.77E-05	1.18E-03
605692	4122140	3.59E-04	3.65E-04	3.71E-04	4.00E-05	9.14E-05	1.23E-03	Residence	0.00E+00	0.00E+00	4.17E-07	4.93E-08	0.47	0.00	3.59E-04	3.65E-04	3.71E-04	6.50E-05	8.41E-05	1.24E-03
605712	4122140	3.82E-04	3.88E-04	3.95E-04	4.39E-05	9.94E-05	1.31E-03	Residence	0.00E+00	0.00E+00	4.45E-07	5.26E-08	0.50	0.00	3.82E-04	3.88E-04	3.95E-04	7.14E-05	9.14E-05	1.33E-03
605732	4122140	4.06E-04	4.13E-04	4.20E-04	4.83E-05	1.08E-04	1.40E-03	Residence	0.00E+00	0.00E+00	4.74E-07	5.61E-08	0.53	0.00	4.06E-04	4.13E-04	4.20E-04	7.86E-05	9.96E-05	1.42E-03
605752	4122140	4.22E-04	4.29E-04	4.36E-04	5.32E-05	1.18E-04	1.46E-03	Residence	0.00E+00	0.00E+00	4.96E-07	5.86E-08	0.55	0.00	4.22E-04	4.29E-04	4.36E-04	8.65E-05	1.08E-04	1.48E-03
605772	4122140	4.49E-04	4.57E-04	4.65E-04	5.88E-05	1.28E-04	1.56E-03	Residence	0.00E+00	0.00E+00	5.30E-07	6.26E-08	0.59	0.00	4.49E-04	4.57E-04	4.65E-04	9.56E-05	1.18E-04	1.58E-03
605792	4122140	4.78E-04	4.86E-04	4.94E-04	6.50E-05	1.40E-04	1.66E-03	Residence	0.00E+00	0.00E+00	5.66E-07	6.69E-08	0.63	0.00	4.78E-04	4.86E-04	4.94E-04	1.06E-04	1.29E-04	1.69E-03
605812	4122140	5.00E-04	5.08E-04	5.16E-04	7.19E-05	1.53E-04	1.75E-03	Residence	0.00E+00	0.00E+00	5.95E-07	7.03E-08	0.67	0.00	5.00E-04	5.08E-04	5.16E-04	1.17E-04	1.41E-04	1.78E-03
605832	4122140	5.29E-04	5.38E-04	5.45E-04	7.96E-05	1.67E-04	1.86E-03	Residence	0.00E+00	0.00E+00	6.32E-07	7.47E-08	0.71	0.00	5.29E-04	5.38E-04	5.45E-04	1.29E-04	1.54E-04	1.90E-03
605852	4122140	5.61E-04	5.70E-04	5.78E-04	8.79E-05	1.82E-04	1.98E-03	Residence	0.00E+00	0.00E+00	6.73E-07	7.96E-08	0.75	0.00	5.61E-04	5.70E-04	5.78E-04	1.43E-04	1.68E-04	2.02E-03
605932	4122140	6.67E-04	6.72E-04	6.77E-04	1.26E-04	2.48E-04	2.39E-03	Residence	0.00E+00	0.00E+00	8.12E-07	9.60E-08	0.91	0.00	6.67E-04	6.72E-04	6.77E-04	2.04E-04	2.28E-04	2.45E-03
605952	4122140	6.88E-04	6.92E-04	6.95E-04	1.35E-04	2.63E-04	2.47E-03	Residence	0.00E+00	0.00E+00	8.41E-07	9.94E-08	0.94	0.00	6.88E-04	6.92E-04	6.95E-04	2.19E-04	2.42E-04	2.54E-03
605972	4122140	7.16E-04	7.18E-04	7.19E-04	1.43E-04	2.78E-04	2.57E-03	Residence	0.00E+00	0.00E+00	8.75E-07	1.03E-07	0.98	0.00	7.16E-04	7.18E-04	7.19E-04	2.33E-04	2.55E-04	2.64E-03
605992	4122140	7.33E-04	7.32E-04	7.30E-04	1.50E-04	2.89E-04	2.63E-03	Residence	0.00E+00	0.00E+00	8.96E-07	1.06E-07	1.00	0.00	7.33E-04	7.32E-04	7.30E-04	2.43E-04	2.66E-04	2.71E-03
606012	4122140	7.43E-04	7.39E-04	7.35E-04	1.54E-04	2.96E-04	2.67E-03	Residence	0.00E+00	0.00E+00	9.07E-07	1.07E-07	1.01	0.00	7.43E-04	7.39E-04	7.35E-04	2.51E-04	2.72E-04	2.74E-03
606032	4122140	7.46E-04	7.39E-04	7.32E-04	1.56E-04	2.99E-04	2.67E-03	Residence	0.00E+00	0.00E+00	9.09E-07	1.07E-07	1.02	0.00	7.46E-04	7.39E-04	7.32E-04	2.53E-04	2.75E-04	2.75E-03
606052	4122140	7.39E-04	7.29E-04	7.19E-04	1.55E-04	2.98E-04	2.64E-03	Residence	0.00E+00	0.00E+00	8.97E-07	1.06E-07	1.00	0.00	7.39E-04	7.29E-04	7.19E-04	2.51E-04	2.74E-04	2.71E-03
606072	4122140	7.25E-04	7.14E-04	7.03E-04	1.51E-04	2.93E-04	2.58E-03	Residence	0.00E+00	0.00E+00	8.79E-07	1.04E-07	0.98	0.00	7.25E-04	7.14E-04	7.03E-04	2.45E-04	2.69E-04	2.66E-03
606132	4122140	6.02E-04	5.89E-04	5.76E-04	1.28E-04	2.63E-04	2.16E-03	Worker	0.00E+00	0.00E+00	7.34E-07	8.68E-08	0.82	0.00	6.02E-04	5.89E-04	5.76E-04	2.09E-04	2.42E-04	2.22E-03
606152	4122140	5.55E-04	5.44E-04	5.32E-04	1.20E-04	2.52E-04	2.00E-03	Worker	0.00E+00	0.00E+00	6.81E-07	8.05E-08	0.76	0.00	5.55E-04	5.44E-04	5.32E-04	1.95E-04	2.32E-04	2.06E-03
606172	4122140	5.09E-04	5.00E-04	4.90E-04	1.11E-04	2.41E-04	1.85E-03	Worker	0.00E+00	0.00E+00	6.30E-07	7.44E-08	0.70	0.00	5.09E-04	5.00E-04	4.90E-04	1.81E-04	2.22E-04	1.90E-03
606652	4122140	1.82E-04	1.80E-04	1.78E-04	1.60E-05	5.17E-05	6.07E-04	Bright Horizons Daycare	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.82E-04	1.80E-04	1.78E-04	2.60E-05	4.75E-05	6.13E-04
606672	4122140	1.82E-04	1.80E-04	1.78E-04	1.52E-05	4.90E-05	6.04E-04	Bright Horizons Daycare	0.00E+00	0.00E+00	2.05E-07	2.43E-08	0.23	0.00	1.82E-04	1.80E-04	1.78E-04	2.46E-05	4.51E-05	6.10E-04

606712	4122140	1.81E-04	1.79E-04	1.77E-04	1.36E-05	4.43E-05	5.95E-04	Residence	0.00E+00	0.00E+00	2.02E-07	2.39E-08	0.23	0.00	1.81E-04	1.79E-04	1.77E-04	2.21E-05	4.08E-05	6.00E-04
606732	4122140	1.80E-04	1.78E-04	1.76E-04	1.29E-05	4.22E-05	5.89E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.37E-08	0.22	0.00	1.80E-04	1.78E-04	1.76E-04	2.10E-05	3.88E-05	5.93E-04
606752	4122140	1.79E-04	1.77E-04	1.75E-04	1.23E-05	4.02E-05	5.83E-04	Residence	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.79E-04	1.77E-04	1.75E-04	2.00E-05	3.70E-05	5.88E-04
606772	4122140	1.77E-04	1.75E-04	1.73E-04	1.17E-05	3.84E-05	5.75E-04	Residence	0.00E+00	0.00E+00	1.96E-07	2.31E-08	0.22	0.00	1.77E-04	1.75E-04	1.73E-04	1.90E-05	3.53E-05	5.80E-04
606792	4122140	1.75E-04	1.73E-04	1.72E-04	1.11E-05	3.67E-05	5.68E-04	Residence	0.00E+00	0.00E+00	1.93E-07	2.28E-08	0.22	0.00	1.75E-04	1.73E-04	1.72E-04	1.81E-05	3.37E-05	5.72E-04
606812	4122140	1.74E-04	1.73E-04	1.71E-04	1.06E-05	3.51E-05	5.64E-04	Residence	0.00E+00	0.00E+00	1.92E-07	2.27E-08	0.21	0.00	1.74E-04	1.73E-04	1.71E-04	1.73E-05	3.23E-05	5.68E-04
606832	4122140	1.71E-04	1.69E-04	1.67E-04	1.01E-05	3.36E-05	5.51E-04	Residence	0.00E+00	0.00E+00	1.87E-07	2.21E-08	0.21	0.00	1.71E-04	1.69E-04	1.67E-04	1.65E-05	3.09E-05	5.54E-04
606852	4122140	1.69E-04	1.67E-04	1.66E-04	9.69E-06	3.22E-05	5.43E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.18E-08	0.21	0.00	1.69E-04	1.67E-04	1.66E-04	1.57E-05	2.96E-05	5.47E-04
605632	4122160	3.29E-04	3.35E-04	3.40E-04	3.26E-05	7.48E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.78E-07	4.47E-08	0.42	0.00	3.29E-04	3.35E-04	3.40E-04	5.29E-05	6.88E-05	1.13E-03
605652	4122160	3.48E-04	3.53E-04	3.59E-04	3.54E-05	8.07E-05	1.18E-03	Residence	0.00E+00	0.00E+00	4.00E-07	4.72E-08	0.45	0.00	3.48E-04	3.53E-04	3.59E-04	5.76E-05	7.42E-05	1.19E-03
605672	4122160	3.63E-04	3.69E-04	3.75E-04	3.86E-05	8.70E-05	1.23E-03	Residence	0.00E+00	0.00E+00	4.19E-07	4.95E-08	0.47	0.00	3.63E-04	3.69E-04	3.75E-04	6.27E-05	8.01E-05	1.25E-03
605692	4122160	3.81E-04	3.87E-04	3.93E-04	4.21E-05	9.40E-05	1.30E-03	Residence	0.00E+00	0.00E+00	4.41E-07	5.21E-08	0.49	0.00	3.81E-04	3.87E-04	3.93E-04	6.84E-05	8.65E-05	1.32E-03
605712	4122160	4.05E-04	4.11E-04	4.18E-04	4.61E-05	1.02E-04	1.38E-03	Residence	0.00E+00	0.00E+00	4.70E-07	5.56E-08	0.53	0.00	4.05E-04	4.11E-04	4.18E-04	7.49E-05	9.38E-05	1.40E-03
605732	4122160	4.27E-04	4.34E-04	4.40E-04	5.05E-05	1.11E-04	1.46E-03	Residence	0.00E+00	0.00E+00	4.97E-07	5.88E-08	0.56	0.00	4.27E-04	4.34E-04	4.40E-04	8.21E-05	1.02E-04	1.48E-03
605752	4122160	4.45E-04	4.51E-04	4.58E-04	5.54E-05	1.20E-04	1.53E-03	Residence	0.00E+00	0.00E+00	5.20E-07	6.14E-08	0.58	0.00	4.45E-04	4.51E-04	4.58E-04	9.00E-05	1.10E-04	1.55E-03
605772	4122160	4.75E-04	4.82E-04	4.89E-04	6.09E-05	1.30E-04	1.64E-03	Residence	0.00E+00	0.00E+00	5.57E-07	6.58E-08	0.62	0.00	4.75E-04	4.82E-04	4.89E-04	9.89E-05	1.20E-04	1.66E-03
605792	4122160	5.04E-04	5.11E-04	5.17E-04	6.68E-05	1.41E-04	1.74E-03	Residence	0.00E+00	0.00E+00	5.92E-07	6.99E-08	0.66	0.00	5.04E-04	5.11E-04	5.17E-04	1.09E-04	1.30E-04	1.77E-03
605812	4122160	5.23E-04	5.30E-04	5.36E-04	7.33E-05	1.53E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.17E-07	7.30E-08	0.69	0.00	5.23E-04	5.30E-04	5.36E-04	1.19E-04	1.41E-04	1.85E-03
605832	4122160	5.56E-04	5.63E-04	5.69E-04	8.03E-05	1.66E-04	1.93E-03	Residence	0.00E+00	0.00E+00	6.57E-07	7.77E-08	0.74	0.00	5.56E-04	5.63E-04	5.69E-04	1.30E-04	1.52E-04	1.97E-03
605912	4122160	6.64E-04	6.68E-04	6.72E-04	1.11E-04	2.19E-04	2.33E-03	Residence	0.00E+00	0.00E+00	7.94E-07	9.38E-08	0.89	0.00	6.64E-04	6.68E-04	6.72E-04	1.80E-04	2.02E-04	2.39E-03
605932	4122160	6.85E-04	6.88E-04	6.90E-04	1.18E-04	2.32E-04	2.41E-03	Residence	0.00E+00	0.00E+00	8.20E-07	9.70E-08	0.92	0.00	6.85E-04	6.88E-04	6.90E-04	1.92E-04	2.13E-04	2.47E-03
605952	4122160	7.00E-04	7.01E-04	7.01E-04	1.24E-04	2.42E-04	2.47E-03	Residence	0.00E+00	0.00E+00	8.39E-07	9.92E-08	0.94	0.00	7.00E-04	7.01E-04	7.01E-04	2.02E-04	2.23E-04	2.53E-03
605972	4122160	7.14E-04	7.13E-04	7.11E-04	1.30E-04	2.51E-04	2.52E-03	Residence	0.00E+00	0.00E+00	8.57E-07	1.01E-07	0.96	0.00	7.14E-04	7.13E-04	7.11E-04	2.11E-04	2.31E-04	2.58E-03
605992	4122160	7.27E-04	7.23E-04	7.18E-04	1.33E-04	2.58E-04	2.56E-03	Residence	0.00E+00	0.00E+00	8.70E-07	1.03E-07	0.97	0.00	7.27E-04	7.23E-04	7.18E-04	2.17E-04	2.37E-04	2.62E-03
606012	4122160	7.26E-04	7.20E-04	7.13E-04	1.35E-04	2.61E-04	2.56E-03	Residence	0.00E+00	0.00E+00	8.69E-07	1.03E-07	0.97	0.00	7.26E-04	7.20E-04	7.13E-04	2.19E-04	2.40E-04	2.62E-03
606032	4122160	7.20E-04	7.12E-04	7.02E-04	1.34E-04	2.60E-04	2.53E-03	Residence	0.00E+00	0.00E+00	8.60E-07	1.02E-07	0.96	0.00	7.20E-04	7.12E-04	7.02E-04	2.19E-04	2.40E-04	2.59E-03
606052	4122160	7.06E-04	6.96E-04	6.84E-04	1.32E-04	2.57E-04	2.47E-03	Residence	0.00E+00	0.00E+00	8.41E-07	9.95E-08	0.94	0.00	7.06E-04	6.96E-04	6.84E-04	2.14E-04	2.37E-04	2.54E-03
606072	4122160	6.89E-04	6.78E-04	6.66E-04	1.27E-04	2.51E-04	2.41E-03	Residence	0.00E+00	0.00E+00	8.20E-07	9.70E-08	0.92	0.00	6.89E-04	6.78E-04	6.66E-04	2.07E-04	2.31E-04	2.47E-03
606132	4122160	5.63E-04	5.52E-04	5.41E-04	1.09E-04	2.26E-04	1.99E-03	Worker	0.00E+00	0.00E+00	6.77E-07	8.00E-08	0.76	0.00	5.63E-04	5.52E-04	5.41E-04	1.77E-04	2.08E-04	2.04E-03
606152	4122160	5.19E-04	5.10E-04	5.01E-04	1.02E-04	2.18E-04	1.85E-03	Worker	0.00E+00	0.00E+00	6.29E-07	7.44E-08	0.70	0.00	5.19E-04	5.10E-04	5.01E-04	1.66E-04	2.00E-04	1.90E-03
606172	4122160	4.79E-04	4.71E-04	4.63E-04	9.51E-05	2.09E-04	1.72E-03	Worker	0.00E+00	0.00E+00	5.84E-07	6.90E-08	0.65	0.00	4.79E-04	4.71E-04	4.63E-04	1.55E-04	1.92E-04	1.76E-03
606512	4122160	1.64E-04	1.63E-04	1.62E-04	2.26E-05	7.23E-05	5.85E-04	Worker	0.00E+00	0.00E+00	1.99E-07	2.35E-08	0.22	0.00	1.64E-04	1.63E-04	1.62E-04	3.68E-05	6.65E-05	5.93E-04
606532	4122160	1.65E-04	1.64E-04	1.63E-04	2.14E-05	6.82E-05	5.82E-04	Worker	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.65E-04	1.64E-04	1.63E-04	3.48E-05	6.28E-05	5.90E-04
606552	4122160	1.67E-04	1.65E-04	1.64E-04	2.02E-05	6.45E-05	5.82E-04	Worker	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.67E-04	1.65E-04	1.64E-04	3.29E-05	5.94E-05	5.89E-04
606652	4122160	1.75E-04	1.73E-04	1.72E-04	1.54E-05	4.95E-05	5.86E-04	Bright Horizons Daycare	0.00E+00	0.00E+00	1.99E-07	2.35E-08	0.22	0.00	1.75E-04	1.73E-04	1.72E-04	2.50E-05	4.55E-05	5.91E-04
606672	4122160	1.76E-04	1.74E-04	1.72E-04	1.46E-05	4.71E-05	5.83E-04	Bright Horizons Daycare	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.76E-04	1.74E-04	1.72E-04	2.37E-05	4.33E-05	5.89E-04
606712	4122160	1.74E-04	1.73E-04	1.71E-04	1.32E-05	4.27E-05	5.74E-04	Residence	0.00E+00	0.00E+00	1.95E-07	2.31E-08	0.22	0.00	1.74E-04	1.73E-04	1.71E-04	2.14E-05	3.93E-05	5.79E-04
606732	4122160	1.74E-04	1.72E-04	1.70E-04	1.25E-05	4.07E-05	5.69E-04	Residence	0.00E+00	0.00E+00	1.93E-07	2.29E-08	0.22	0.00	1.74E-04	1.72E-04	1.70E-04	2.04E-05	3.75E-05	5.73E-04
606752	4122160	1.73E-04	1.71E-04	1.69E-04	1.19E-05	3.89E-05	5.64E-04	Residence	0.00E+00	0.00E+00	1.92E-07	2.27E-08	0.21	0.00	1.73E-04	1.71E-04	1.69E-04	1.94E-05	3.58E-05	5.68E-04
606772	4122160	1.71E-04	1.70E-04	1.68E-04	1.14E-05	3.72E-05	5.58E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.24E-08	0.21	0.00	1.71E-04	1.70E-04	1.68E-04	1.85E-05	3.42E-05	5.62E-04
606792	4122160	1.70E-04	1.68E-04	1.67E-04	1.08E-05	3.56E-05	5.51E-04	Residence	0.00E+00	0.00E+00	1.87E-07	2.22E-08	0.21	0.00	1.70E-04	1.68E-04	1.67E-04	1.76E-05	3.27E-05	5.55E-04
606872	4122160	1.62E-04	1.61E-04	1.59E-04	9.07E-06	3.00E-05	5.21E-04	Residence	0.00E+00	0.00E+00	1.77E-07	2.10E-08	0.20	0.00	1.62E-04	1.61E-04	1.59E-04	1.47E-05	2.76E-05	5.25E-04
606892	4122160	1.60E-04	1.58E-04	1.57E-04	8.69E-06	2.89E-05	5.12E-04	Residence	0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00	1.60E-04	1.58E-04	1.57E-04	1.41E-05	2.66E-05	5.15E-04
606912	4122160	1.57E-04	1.55E-04	1.54E-04	8.34E-06	2.78E-05	5.02E-04	Residence	0.00E+00	0.00E+00	1.71E-07	2.02E-08	0.19	0.00	1.57E-04	1.55E-04	1.54E-04	1.36E-05	2.55E-05	5.05E-04
605632	4122180	3.46E-04	3.51E-04	3.57E-04	3.42E-05	7.70E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.96E-07	4.68E-08	0.44	0.00	3.46E-04	3.51E-04	3.57E-04	5.56E-05	7.08E-05	1.18E-03
605652	4122180	3.64E-04	3.69E-04	3.75E-04	3.71E-05	8.28E-05	1.23E-03	Residence	0.00E+00	0.00E+00	4.18E-07	4.94E-08	0.47	0.00	3.64E-04	3.69E-04	3.75E-04	6.03E-05	7.62E-05	1.25E-03
605672	4122180	3.81E-04	3.86E-04	3.92E-04	4.03E-05	8.91E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.38E-07	5.18E-08	0.49	0.00	3.81E-04	3.86E-04	3.92E-04	6.56E-05	8.20E-05	1.31E-03
605692	4122180	4.00E-04	4.06E-04	4.12E-04	4.39E-05	9.60E-05	1.36E-03	Residence	0.00E+00	0.00E+00	4.62E-07	5.46E-08	0.52	0.00	4.00E-04	4.06E-04	4.12E-04	7.14E-05	8.84E-05	1.38E-03
605712	4122180	4.24E-04	4.29E-04	4.35E-04	4.79E-05	1.04E-04	1.44E-03	Residence	0.00E+00	0.00E+00	4.90E-07	5.79E-08	0.55	0.00	4.24E-04	4.29E-04	4.35E-04	7.78E-05	9.54E-05	1.46E-03
605732	4122180	4.46E-04	4.52E-04	4.58E-04	5.23E-05	1.12E-04	1.52E-03	Residence	0.00E+00	0.00E+00	5.17E-07	6.11E-08	0.58	0.00	4.46E-04	4.52E-04	4.58E-04	8.49E-05	1.03E-04	1.54E-03
605752	4122180	4.65E-04	4.71E-04	4.77E-04	5.70E-05	1.21E-04	1.59E-03	Residence	0.00E+00	0.00E+00	5.41E-07	6.40E-08	0.61	0.00	4.65E-04	4.71E-04	4.77E-04	9.26E-05	1.11E-04	1.62E-03
605772	4122180	4.97E-04	5.03E-04	5.09E-04	6.22E-05	1.30E-04	1.70E-03	Residence	0.00E+00	0.00E+00	5.78E-07	6.84E-08	0.65	0.00	4.97E-04	5.03E-04	5.09E-04	1.01E-04	1.20E-04	1.73E-03
605792	4122180	5.23E-04	5.28E-04	5.34E-04	6.77E-05	1.40E-04	1.79E-03	Residence	0.00E+00	0.00E+00	6.10E-07	7.21E-08	0.68	0.00	5.23E-04	5.28E-04	5.34E-04	1.10E-04	1.29E-04	1.82E-03
605812	4122180	5.43E-04	5.48E-04	5.54E-04	7.35E-05	1.51E-04	1.87E-03	Residence	0.00E+00	0.00E+00	6.36E-07	7.51E-08	0.71	0.00	5.43E-04	5.48E-04	5.54E-04	1.19E-04	1.39E-04	1.90E-03
605832	4122180	5.78E-04	5.83E-04	5.88E-04	7.97E-05	1.62E-04	1.99E-03	Residence	0.00E+00	0.00E+00	6.77E-07	8.00E-08	0.76	0.00	5.78E-04	5.83E-04	5.88E-04	1.29E-04	1.49E-04	2.03E-03
605892	4122180	6.57E-04	6.59E-04	6.62E-04	9.84E-05	1.95E-04	2.27E-03	Residence	0.00E+00	0.00E+00	7.72E-07	9.13E-08	0.86	0.00	6.57E-04	6.59E-04	6.62E-04	1.60E-04	1.80E-04	2.32E-03
605912	4122180	6.78E-04	6.80E-04	6.81E-04	1.04E-04	2.05E-04	2.35E-03	Residence	0.00E+00	0.00E+00	7.98E-07	9.44E-08	0.89	0.00	6.78E-04	6.80E-04	6.81E-04	1.69E-04	1.89E-04	2.40E-03
605932	4122180	6.91E-04	6.91E-04	6.90E-04	1.09E-04	2.14E-04	2.40E-03	Residence	0.00E+00	0.00E+00	8.14E-07	9.63E-08	0.91	0.00	6.91E-04	6.91E-04	6.90E-04	1.78E-04	1.97E-04	2.45E-03
605952	4122180	7.06E-04	7.04E-04	7.02E-04	1.14E-04	2.22E-04	2.45E-03	Residence	0.00E+00	0.00E+00	8.32E-07	9.84E-08	0.93	0.00	7.06E-04	7.04E-04	7.02E-04	1.85E-04	2.04E-04	2.50E-03
605972	4122180	7.17E-04	7.13E-04	7.08E-04	1.17E-04	2.27E-04	2.48E-03	Residence	0.00E+00	0.00E+00	8.44E-07	9.98E-08	0.94	0.00	7.17E-04	7.13E-04	7.08E-04	1.89E-04	2.09E-04	2.54E-03
605992	4122180	7.18E-04	7.12E-04	7.05E-04	1.18E-04	2.30E-04	2.48E-03	Residence	0.00E+00	0.00E+00	8.44E-07	9.98E-08	0.94	0.00	7.18E-04	7.12E-04	7.05E-04	1.92E-04	2.11E-04	2.54E-03
606012	4122180	7.09E-04	7.02E-04	6.93E-04	1.18E-04	2.30E-04	2.45E-03	Residence	0.00E+00	0.00E+00	8.34E-07	9.86E-08	0.93	0.00	7.09E-04	7.02E-04	6.93E-04	1.92E-04	2.12E-04	2.51E-03
606032	4122180	6.97E-04	6.87E-04	6.77E-04	1.16E-04	2.28E-04	2.41E-03	Residence	0.00E+00	0.00E+00	8.18E-07	9.67E-08	0.91	0.00	6.97E-04	6.87E-04	6.77E-04	1.89E-04	2.10E-04	2.46E-03
606052	4122180	6.76E-04	6.65E-04	6.54E-04	1.13E-04	2.24E-04	2.33E-03	Residence	0.00E+00	0.00E+00	7.93E-07	9.37E-08	0.89	0.00	6.76E-04	6.65E-04	6.54E-04	1.84E-04	2.06E-04	2.38E-03
606132	4122180	5.29E-04	5.21E-04	5.11E-04	9.35E-05	1.97E-04	1.85E-03	Worker	0.00E+00	0.00E+00	6.29E-07	7.44E-08	0.70	0.00	5.29E-04	5.21E-04	5.11E-04	1.52E-04	1.81E-04	1.89E-03
606152	4122180	4.90E-04	4.83E-04	4.74E-04	8.81E-05	1.90E-04	1.72E-03	Worker	0.00E+00	0.00E+00	5.87E-07	6.93E-08	0.66	0.00	4.90E-04	4.83E-04	4.74E-04	1.43E-04	1.75E-04	1.76E-03
606172	4122180	4.54E-04	4.48E-04	4.41E-04	8.23E-05	1.83E-04	1.61E-03	Worker	0.00E+00	0.00E+00	5.47E-07	6.46E-08	0.61	0.00	4.54E-04	4.48E-04	4.41E-04	1.34E-04	1.68E-04	1.64E-03
606332	4122180	2.51E-04	2.49E-04	2.47E-04	3.82E-05	1.17E-04	9.02E-04	Worker	0.00E+00	0.00E+00	3.07E-07	3.63E-08	0.34	0.00	2.51E-04	2.49E-04	2.47E-04	6.21E-05	1.07E-04	9.17E-04
606352	4122180	2.30E-04	2.29E-04	2.27E-04	3.51E-05	1.10E-04	8.31E-04	Worker	0.00E+00	0.00E+00	2.82E-07	3.34E-08	0.32	0.00	2.30E-04	2.29E-04	2.27E-04	5.70E-05	1.01E-04	8.44E-04
606672	4122180	1.70E-04	1.69E-04	1.67E-04	1.40E-05	4.52E-05	5.66E-04	Residence	0.00E+00	0.00E+00	1.92E-07	2.27E-08	0.22	0.00	1.70E-04	1.69E-04	1.67E-04	2.28E-05	4.16E-05	5.71E-04
606712	4122180	1.69E-04	1.67E-04	1.66E-04	1.27E-05	4.11E-05	5.55E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.23E-08	0.21	0.00	1.69E-04	1.67E-04	1.66E-04	2.07E-05	3.78E-05	5.60E-04
606812	4122180	1.64E-04	1.62E-04	1.61E-04	1.01E-05	3.30E-05	5.30E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.13E-08	0.20	0.00	1.64E-04	1.62E-04	1.61E-04	1.64E-05	3.04E-05	5.34E-04
606832	4122180	1.62E-04	1.60E-04	1.59E-04	9.66E-06	3.17E-05	5.22E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.10E-08	0.20	0.00	1.62E-04	1.60E-04	1.59E-04	1.57E-05	2.92E-05	5.26E-04
606852	4122180	1.59E-04	1.58E-04	1.57E-04	9.25E-06	3.04E-05	5.13E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.06E-08	0.20	0.00	1.59E-04	1.58E-04	1.57E-04	1.50E-05	2.80E-05	5.17E-04
606872	4122180	1.57E-04	1.56E-04	1.55E-04	8.86E-06	2.92E-05	5.05E-04	Residence	0.00E+00	0.00E+00	1.72E-07	2.03E-08	0.19	0.00	1.57E-04	1.56E-04	1.55E-04	1.44E-05	2.69E-05	5.09E-04
606892	4122180	1.55E-04	1.53E-04	1.52E-04	8.50E-06	2.81E-05	4.97E-04	Residence	0.00E+00	0.00E+00	1.69E-07	2.00E-08	0.19	0.00	1.55E-04	1.53E-04	1.52E-04	1.38E-05	2.59E-05	5.00E-04
606912	4122180	1.52E-04	1.51E-04	1.50E-04	8.17E-06	2.71E-05	4.89E-04	Residence	0.00E+00	0.00E+00	1.66E-07	1.96E-08	0.19	0.00	1.52E-04	1.51E-04	1.50E-04	1.33E-05	2.49E-05	4.92E-04
605872	4122200	6.42E-04	6.43E-04	6.44E-04	8.81E-05	1.75E-04	2.19E-03	Residence	0.00E+00	0.00E+00	7.45E-07	8.81E-08	0.83	0.00	6.42E-04	6.43E-04	6.44E-04	1.43E-04	1.61E-04	2.23E-03
605892	4122200	6.66E-04	6.67E-04	6.67E-04	9.27E-05	1.83E-04	2.28E-03	Residence	0.00E+00	0.00E+00	7.74E-07	9.15E-08	0.87	0.00	6.66E-04	6.67E-04	6.67E-04	1.51E-04	1.69E-04	2.32E-03
605912	4122200	6.80E-04	6.79E-04	6.78E-04	9.69E-05	1.91E-04	2.33E-03	Residence	0.00E+00	0.00E+00	7.91E-07	9.35E-08	0.88	0.00	6.80E-04	6.79E-04	6.78E-04	1.57E-04	1.76E-04	2.37E-03
605932	4122200	6.90E-04	6.88E-04	6.85E-04	1.00E-04	1.97E-04	2.36E-03	Residence	0.00E+00	0.00E+00	8.03E-07	9.49E-08	0.90	0.00	6.90E-04	6.88E-04	6.85E-04	1.63E-04	1.81E-04	2.41E-03
605952	4122200	7.00E-04	6.96E-04	6.91E-04	1.03E-04	2.01E-04	2.39E-03	Residence	0.00E+00	0.00E+00	8.13E-07	9.61E-08	0.91	0.00	7.00E-04	6.96E-04	6.91E-04	1.67E-04	1.85E-04	2.44E-03
605972	4122200	7.03E-04	6.98E-04	6.91E-04	1.04E-04	2.04E-04	2.40E-03	Residence	0.00E+00	0.00E+00	8.16E-07	9.65E-08	0.91	0.00	7.03E-04	6.98E-04	6.91E-04	1.70E-04	1.88E-04	2.45E-03

605992	4122200	6.98E-04	6.91E-04	6.83E-04	1.05E-04	2.05E-04	2.38E-03	Residence	0.00E+00	0.00E+00	8.09E-07	9.57E-08	0.91	0.00	6.98E-04	6.91E-04	6.83E-04	1.70E-04	1.88E-04	2.43E-03
606012	4122200	6.86E-04	6.77E-04	6.68E-04	1.03E-04	2.03E-04	2.34E-03	Residence	0.00E+00	0.00E+00	7.95E-07	9.39E-08	0.89	0.00	6.86E-04	6.77E-04	6.68E-04	1.68E-04	1.87E-04	2.39E-03
606032	4122200	6.68E-04	6.59E-04	6.48E-04	1.01E-04	2.00E-04	2.28E-03	Residence	0.00E+00	0.00E+00	7.74E-07	9.15E-08	0.87	0.00	6.68E-04	6.59E-04	6.48E-04	1.64E-04	1.84E-04	2.32E-03
606052	4122200	6.45E-04	6.35E-04	6.24E-04	9.79E-05	1.96E-04	2.20E-03	Residence	0.00E+00	0.00E+00	7.47E-07	8.83E-08	0.84	0.00	6.45E-04	6.35E-04	6.24E-04	1.59E-04	1.80E-04	2.24E-03
606072	4122200	6.20E-04	6.10E-04	6.00E-04	9.40E-05	1.91E-04	2.11E-03	Residence	0.00E+00	0.00E+00	7.19E-07	8.50E-08	0.80	0.00	6.20E-04	6.10E-04	6.00E-04	1.53E-04	1.75E-04	2.16E-03
606132	4122200	5.02E-04	4.94E-04	4.86E-04	8.13E-05	1.73E-04	1.74E-03	Worker	0.00E+00	0.00E+00	5.91E-07	6.98E-08	0.66	0.00	5.02E-04	4.94E-04	4.86E-04	1.32E-04	1.59E-04	1.77E-03
606152	4122200	4.66E-04	4.60E-04	4.53E-04	7.69E-05	1.67E-04	1.62E-03	Worker	0.00E+00	0.00E+00	5.52E-07	6.52E-08	0.62	0.00	4.66E-04	4.60E-04	4.53E-04	1.25E-04	1.54E-04	1.66E-03
606172	4122200	4.34E-04	4.28E-04	4.22E-04	7.20E-05	1.61E-04	1.52E-03	Worker	0.00E+00	0.00E+00	5.16E-07	6.10E-08	0.58	0.00	4.34E-04	4.28E-04	4.22E-04	1.17E-04	1.48E-04	1.55E-03
606332	4122200	2.46E-04	2.45E-04	2.43E-04	3.52E-05	1.07E-04	8.76E-04	Worker	0.00E+00	0.00E+00	2.98E-07	3.52E-08	0.33	0.00	2.46E-04	2.45E-04	2.43E-04	5.71E-05	9.82E-05	8.89E-04
606352	4122200	2.27E-04	2.26E-04	2.25E-04	3.24E-05	1.01E-04	8.10E-04	Worker	0.00E+00	0.00E+00	2.76E-07	3.26E-08	0.31	0.00	2.27E-04	2.26E-04	2.25E-04	5.26E-05	9.26E-05	8.22E-04
606672	4122200	1.66E-04	1.64E-04	1.63E-04	1.35E-05	4.33E-05	5.51E-04	Residence	0.00E+00	0.00E+00	1.87E-07	2.21E-08	0.21	0.00	1.66E-04	1.64E-04	1.63E-04	2.19E-05	3.99E-05	5.56E-04
606752	4122200	1.63E-04	1.61E-04	1.60E-04	1.12E-05	3.63E-05	5.31E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.13E-08	0.20	0.00	1.63E-04	1.61E-04	1.60E-04	1.82E-05	3.34E-05	5.35E-04
606772	4122200	1.61E-04	1.60E-04	1.59E-04	1.07E-05	3.48E-05	5.26E-04	Residence	0.00E+00	0.00E+00	1.79E-07	2.11E-08	0.20	0.00	1.61E-04	1.60E-04	1.59E-04	1.74E-05	3.20E-05	5.30E-04
606792	4122200	1.60E-04	1.58E-04	1.57E-04	1.03E-05	3.34E-05	5.19E-04	Residence	0.00E+00	0.00E+00	1.76E-07	2.09E-08	0.20	0.00	1.60E-04	1.58E-04	1.57E-04	1.67E-05	3.07E-05	5.23E-04
606812	4122200	1.58E-04	1.57E-04	1.56E-04	9.82E-06	3.20E-05	5.13E-04	Residence	0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00	1.58E-04	1.57E-04	1.56E-04	1.60E-05	2.95E-05	5.16E-04
606832	4122200	1.57E-04	1.55E-04	1.54E-04	9.42E-06	3.08E-05	5.06E-04	Residence	0.00E+00	0.00E+00	1.72E-07	2.03E-08	0.19	0.00	1.57E-04	1.55E-04	1.54E-04	1.53E-05	2.83E-05	5.10E-04
606852	4122200	1.55E-04	1.53E-04	1.52E-04	9.03E-06	2.96E-05	4.99E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.00E-08	0.19	0.00	1.55E-04	1.53E-04	1.52E-04	1.47E-05	2.72E-05	5.02E-04
606872	4122200	1.53E-04	1.51E-04	1.50E-04	8.66E-06	2.85E-05	4.91E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.97E-08	0.19	0.00	1.53E-04	1.51E-04	1.50E-04	1.41E-05	2.62E-05	4.94E-04
606892	4122200	1.51E-04	1.50E-04	1.49E-04	8.32E-06	2.74E-05	4.85E-04	Residence	0.00E+00	0.00E+00	1.65E-07	1.95E-08	0.18	0.00	1.51E-04	1.50E-04	1.49E-04	1.35E-05	2.52E-05	4.88E-04
605872	4122220	6.49E-04	6.49E-04	6.49E-04	8.32E-05	1.65E-04	2.20E-03	Residence	0.00E+00	0.00E+00	7.47E-07	8.83E-08	0.83	0.00	6.49E-04	6.49E-04	6.49E-04	1.35E-04	1.52E-04	2.23E-03
605892	4122220	6.67E-04	6.65E-04	6.63E-04	8.66E-05	1.71E-04	2.25E-03	Residence	0.00E+00	0.00E+00	7.66E-07	9.06E-08	0.86	0.00	6.67E-04	6.65E-04	6.63E-04	1.41E-04	1.58E-04	2.29E-03
605912	4122220	6.78E-04	6.75E-04	6.72E-04	8.95E-05	1.76E-04	2.29E-03	Residence	0.00E+00	0.00E+00	7.79E-07	9.21E-08	0.87	0.00	6.78E-04	6.75E-04	6.72E-04	1.45E-04	1.62E-04	2.33E-03
605932	4122220	6.87E-04	6.83E-04	6.78E-04	9.17E-05	1.80E-04	2.32E-03	Residence	0.00E+00	0.00E+00	7.89E-07	9.32E-08	0.88	0.00	6.87E-04	6.83E-04	6.78E-04	1.49E-04	1.66E-04	2.36E-03
605952	4122220	6.88E-04	6.82E-04	6.76E-04	9.30E-05	1.83E-04	2.32E-03	Residence	0.00E+00	0.00E+00	7.89E-07	9.33E-08	0.88	0.00	6.88E-04	6.82E-04	6.76E-04	1.51E-04	1.68E-04	2.36E-03
605972	4122220	6.86E-04	6.79E-04	6.72E-04	9.33E-05	1.84E-04	2.31E-03	Residence	0.00E+00	0.00E+00	7.87E-07	9.30E-08	0.88	0.00	6.86E-04	6.79E-04	6.72E-04	1.52E-04	1.69E-04	2.36E-03
605992	4122220	6.76E-04	6.69E-04	6.60E-04	9.27E-05	1.83E-04	2.28E-03	Residence	0.00E+00	0.00E+00	7.75E-07	9.16E-08	0.87	0.00	6.76E-04	6.69E-04	6.60E-04	1.51E-04	1.68E-04	2.32E-03
606012	4122220	6.60E-04	6.51E-04	6.41E-04	9.10E-05	1.81E-04	2.22E-03	Residence	0.00E+00	0.00E+00	7.56E-07	8.94E-08	0.85	0.00	6.60E-04	6.51E-04	6.41E-04	1.48E-04	1.66E-04	2.27E-03
606032	4122220	6.40E-04	6.31E-04	6.20E-04	8.85E-05	1.77E-04	2.16E-03	Residence	0.00E+00	0.00E+00	7.33E-07	8.67E-08	0.82	0.00	6.40E-04	6.31E-04	6.20E-04	1.44E-04	1.63E-04	2.20E-03
606052	4122220	6.17E-04	6.07E-04	5.96E-04	8.54E-05	1.73E-04	2.08E-03	Residence	0.00E+00	0.00E+00	7.06E-07	8.35E-08	0.79	0.00	6.17E-04	6.07E-04	5.96E-04	1.39E-04	1.59E-04	2.12E-03
606132	4122220	4.77E-04	4.71E-04	4.64E-04	7.14E-05	1.53E-04	1.64E-03	Worker	0.00E+00	0.00E+00	5.56E-07	6.58E-08	0.62	0.00	4.77E-04	4.71E-04	4.64E-04	1.16E-04	1.41E-04	1.67E-03
606152	4122220	4.45E-04	4.39E-04	4.33E-04	6.77E-05	1.48E-04	1.53E-03	Worker	0.00E+00	0.00E+00	5.22E-07	6.17E-08	0.58	0.00	4.45E-04	4.39E-04	4.33E-04	1.10E-04	1.37E-04	1.56E-03
606172	4122220	4.16E-04	4.11E-04	4.06E-04	6.36E-05	1.44E-04	1.44E-03	Worker	0.00E+00	0.00E+00	4.90E-07	5.79E-08	0.55	0.00	4.16E-04	4.11E-04	4.06E-04	1.03E-04	1.32E-04	1.47E-03
606292	4122220	2.84E-04	2.82E-04	2.80E-04	3.84E-05	1.09E-04	9.93E-04	Worker	0.00E+00	0.00E+00	3.38E-07	3.99E-08	0.38	0.00	2.84E-04	2.82E-04	2.80E-04	6.23E-05	1.00E-04	1.01E-03
606712	4122220	1.59E-04	1.57E-04	1.56E-04	1.18E-05	3.81E-05	5.21E-04	Residence	0.00E+00	0.00E+00	1.77E-07	2.10E-08	0.20	0.00	1.59E-04	1.57E-04	1.56E-04	1.92E-05	3.50E-05	5.26E-04
606732	4122220	1.58E-04	1.56E-04	1.55E-04	1.13E-05	3.65E-05	5.17E-04	Residence	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.58E-04	1.56E-04	1.55E-04	1.84E-05	3.36E-05	5.21E-04
606752	4122220	1.57E-04	1.55E-04	1.54E-04	1.09E-05	3.50E-05	5.12E-04	Residence	0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00	1.57E-04	1.55E-04	1.54E-04	1.76E-05	3.22E-05	5.16E-04
606772	4122220	1.56E-04	1.55E-04	1.54E-04	1.04E-05	3.36E-05	5.08E-04	Residence	0.00E+00	0.00E+00	1.73E-07	2.04E-08	0.19	0.00	1.56E-04	1.55E-04	1.54E-04	1.69E-05	3.09E-05	5.12E-04
606792	4122220	1.55E-04	1.54E-04	1.53E-04	9.97E-06	3.23E-05	5.04E-04	Residence	0.00E+00	0.00E+00	1.71E-07	2.02E-08	0.19	0.00	1.55E-04	1.54E-04	1.53E-04	1.62E-05	2.97E-05	5.07E-04
606812	4122220	1.54E-04	1.52E-04	1.51E-04	9.56E-06	3.11E-05	4.98E-04	Residence	0.00E+00	0.00E+00	1.69E-07	2.00E-08	0.19	0.00	1.54E-04	1.52E-04	1.51E-04	1.55E-05	2.86E-05	5.01E-04
605872	4122240	6.48E-04	6.46E-04	6.44E-04	7.79E-05	1.55E-04	2.17E-03	Residence	0.00E+00	0.00E+00	7.38E-07	8.72E-08	0.83	0.00	6.48E-04	6.46E-04	6.44E-04	1.27E-04	1.42E-04	2.21E-03
605892	4122240	6.62E-04	6.59E-04	6.56E-04	8.04E-05	1.59E-04	2.22E-03	Residence	0.00E+00	0.00E+00	7.53E-07	8.91E-08	0.84	0.00	6.62E-04	6.59E-04	6.56E-04	1.31E-04	1.46E-04	2.25E-03
605912	4122240	6.72E-04	6.67E-04	6.62E-04	8.22E-05	1.62E-04	2.25E-03	Residence	0.00E+00	0.00E+00	7.63E-07	9.03E-08	0.85	0.00	6.72E-04	6.67E-04	6.62E-04	1.34E-04	1.49E-04	2.28E-03
605932	4122240	6.77E-04	6.72E-04	6.67E-04	8.34E-05	1.65E-04	2.26E-03	Residence	0.00E+00	0.00E+00	7.70E-07	9.10E-08	0.86	0.00	6.77E-04	6.72E-04	6.67E-04	1.36E-04	1.51E-04	2.30E-03
605952	4122240	6.76E-04	6.70E-04	6.64E-04	8.38E-05	1.66E-04	2.26E-03	Residence	0.00E+00	0.00E+00	7.68E-07	9.08E-08	0.86	0.00	6.76E-04	6.70E-04	6.64E-04	1.36E-04	1.52E-04	2.30E-03
605972	4122240	6.69E-04	6.62E-04	6.55E-04	8.35E-05	1.65E-04	2.23E-03	Residence	0.00E+00	0.00E+00	7.60E-07	8.98E-08	0.85	0.00	6.69E-04	6.62E-04	6.55E-04	1.36E-04	1.52E-04	2.27E-03
605992	4122240	6.57E-04	6.49E-04	6.41E-04	8.23E-05	1.64E-04	2.19E-03	Residence	0.00E+00	0.00E+00	7.45E-07	8.81E-08	0.83	0.00	6.57E-04	6.49E-04	6.41E-04	1.34E-04	1.51E-04	2.23E-03
606012	4122240	6.39E-04	6.31E-04	6.22E-04	8.04E-05	1.61E-04	2.13E-03	Residence	0.00E+00	0.00E+00	7.25E-07	8.58E-08	0.81	0.00	6.39E-04	6.31E-04	6.22E-04	1.31E-04	1.48E-04	2.17E-03
606032	4122240	6.17E-04	6.08E-04	5.99E-04	7.79E-05	1.58E-04	2.06E-03	Residence	0.00E+00	0.00E+00	7.00E-07	8.28E-08	0.78	0.00	6.17E-04	6.08E-04	5.99E-04	1.27E-04	1.45E-04	2.10E-03
606052	4122240	5.90E-04	5.82E-04	5.73E-04	7.51E-05	1.54E-04	1.97E-03	Residence	0.00E+00	0.00E+00	6.71E-07	7.93E-08	0.75	0.00	5.90E-04	5.82E-04	5.73E-04	1.22E-04	1.41E-04	2.01E-03
606132	4122240	4.56E-04	4.51E-04	4.44E-04	6.34E-05	1.37E-04	1.55E-03	Worker	0.00E+00	0.00E+00	5.28E-07	6.24E-08	0.59	0.00	4.56E-04	4.51E-04	4.44E-04	1.03E-04	1.26E-04	1.58E-03
606152	4122240	4.27E-04	4.22E-04	4.17E-04	6.01E-05	1.33E-04	1.46E-03	Worker	0.00E+00	0.00E+00	4.96E-07	5.86E-08	0.55	0.00	4.27E-04	4.22E-04	4.17E-04	9.77E-05	1.22E-04	1.49E-03
606192	4122240	3.78E-04	3.74E-04	3.71E-04	5.29E-05	1.24E-04	1.30E-03	Worker	0.00E+00	0.00E+00	4.42E-07	5.23E-08	0.49	0.00	3.78E-04	3.74E-04	3.71E-04	8.60E-05	1.14E-04	1.32E-03
606292	4122240	2.77E-04	2.75E-04	2.73E-04	3.51E-05	9.95E-05	9.60E-04	Worker	0.00E+00	0.00E+00	3.26E-07	3.86E-08	0.36	0.00	2.77E-04	2.75E-04	2.73E-04	5.71E-05	9.16E-05	9.74E-04
606312	4122240	2.56E-04	2.55E-04	2.53E-04	3.24E-05	9.46E-05	8.92E-04	Worker	0.00E+00	0.00E+00	3.03E-07	3.59E-08	0.34	0.00	2.56E-04	2.55E-04	2.53E-04	5.26E-05	8.70E-05	9.05E-04
606332	4122240	2.36E-04	2.36E-04	2.35E-04	2.99E-05	8.98E-05	8.27E-04	Worker	0.00E+00	0.00E+00	2.81E-07	3.32E-08	0.31	0.00	2.36E-04	2.36E-04	2.35E-04	4.86E-05	8.26E-05	8.38E-04
606352	4122240	2.18E-04	2.18E-04	2.17E-04	2.77E-05	8.52E-05	7.66E-04	Worker	0.00E+00	0.00E+00	2.61E-07	3.08E-08	0.29	0.00	2.18E-04	2.18E-04	2.17E-04	4.50E-05	7.84E-05	7.77E-04
606392	4122240	1.88E-04	1.88E-04	1.88E-04	2.40E-05	7.65E-05	6.65E-04	Worker	0.00E+00	0.00E+00	2.26E-07	2.67E-08	0.25	0.00	1.88E-04	1.88E-04	1.88E-04	3.89E-05	7.04E-05	6.74E-04
606412	4122240	1.77E-04	1.78E-04	1.78E-04	2.24E-05	7.26E-05	6.28E-04	Worker	0.00E+00	0.00E+00	2.14E-07	2.52E-08	0.24	0.00	1.77E-04	1.78E-04	1.78E-04	3.65E-05	6.68E-05	6.36E-04
606452	4122240	1.64E-04	1.64E-04	1.64E-04	2.00E-05	6.55E-05	5.77E-04	Worker	0.00E+00	0.00E+00	1.96E-07	2.32E-08	0.22	0.00	1.64E-04	1.64E-04	1.64E-04	3.24E-05	6.03E-05	5.84E-04
606472	4122240	1.60E-04	1.60E-04	1.59E-04	1.90E-05	6.23E-05	5.60E-04	Worker	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.60E-04	1.60E-04	1.59E-04	3.08E-05	5.73E-05	5.67E-04
606712	4122240	1.54E-04	1.52E-04	1.51E-04	1.14E-05	3.66E-05	5.05E-04	Residence	0.00E+00	0.00E+00	1.72E-07	2.03E-08	0.19	0.00	1.54E-04	1.52E-04	1.51E-04	1.85E-05	3.37E-05	5.09E-04
606732	4122240	1.53E-04	1.52E-04	1.50E-04	1.09E-05	3.52E-05	5.01E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.53E-04	1.52E-04	1.50E-04	1.78E-05	3.24E-05	5.05E-04
606752	4122240	1.52E-04	1.51E-04	1.50E-04	1.05E-05	3.38E-05	4.98E-04	Residence	0.00E+00	0.00E+00	1.69E-07	2.00E-08	0.19	0.00	1.52E-04	1.51E-04	1.50E-04	1.70E-05	3.11E-05	5.02E-04
605852	4122260	6.26E-04	6.24E-04	6.23E-04	7.06E-05	1.40E-04	2.08E-03	Residence	0.00E+00	0.00E+00	7.08E-07	8.37E-08	0.79	0.00	6.26E-04	6.24E-04	6.23E-04	1.15E-04	1.29E-04	2.12E-03
605872	4122260	6.36E-04	6.33E-04	6.31E-04	7.26E-05	1.44E-04	2.12E-03	Residence	0.00E+00	0.00E+00	7.20E-07	8.51E-08	0.81	0.00	6.36E-04	6.33E-04	6.31E-04	1.18E-04	1.33E-04	2.15E-03
605892	4122260	6.44E-04	6.40E-04	6.37E-04	7.42E-05	1.47E-04	2.14E-03	Residence	0.00E+00	0.00E+00	7.29E-07	8.61E-08	0.81	0.00	6.44E-04	6.40E-04	6.37E-04	1.21E-04	1.35E-04	2.18E-03
605912	4122260	6.50E-04	6.44E-04	6.40E-04	7.52E-05	1.49E-04	2.16E-03	Residence	0.00E+00	0.00E+00	7.34E-07	8.68E-08	0.82	0.00	6.50E-04	6.44E-04	6.40E-04	1.22E-04	1.37E-04	2.19E-03
605932	4122260	6.50E-04	6.44E-04	6.38E-04	7.57E-05	1.50E-04	2.16E-03	Residence	0.00E+00	0.00E+00	7.34E-07	8.67E-08	0.82	0.00	6.50E-04	6.44E-04	6.38E-04	1.23E-04	1.38E-04	2.19E-03
605952	4122260	6.47E-04	6.40E-04	6.34E-04	7.55E-05	1.50E-04	2.15E-03	Residence	0.00E+00	0.00E+00	7.30E-07	8.63E-08	0.82	0.00	6.47E-04	6.40E-04	6.34E-04	1.23E-04	1.38E-04	2.18E-03
605972	4122260	6.37E-04	6.29E-04	6.22E-04	7.47E-05	1.49E-04	2.11E-03	Residence	0.00E+00	0.00E+00	7.18E-07	8.49E-08	0.80	0.00	6.37E-04	6.29E-04	6.22E-04	1.21E-04	1.37E-04	2.15E-03
605992	4122260	6.22E-04	6.14E-04	6.07E-04	7.32E-05	1.47E-04	2.06E-03	Residence	0.00E+00	0.00E+00	7.02E-07	8.29E-08	0.78	0.00	6.22E-04	6.14E-04	6.07E-04	1.19E-04	1.35E-04	2.10E-03
606012	4122260	6.04E-04	5.96E-04	5.88E-04	7.12E-05	1.44E-04	2.00E-03	Residence	0.00E+00	0.00E+00	6.81E-07	8.05E-08	0.76	0.00	6.04E-04	5.96E-04	5.88E-04	1.16E-04	1.33E-04	2.04E-03
606032	4122260	5.81E-04	5.73E-04	5.65E-04	6.89E-05	1.41E-04	1.93E-03	Residence	0.00E+00	0.00E+00	6.55E-07	7.75E-08	0.73	0.00	5.81E-04	5.73E-04	5.65E-04	1.12E-04	1.29E-04	1.96E-03
606052	4122260	5.54E-04	5.46E-04	5.39E-04	6.65E-05	1.37E-04	1.84E-03	Residence	0.00E+00	0.00E+00	6.27E-07	7.41E-08	0.70	0.00	5.54E-04	5.46E-04	5.39E-04	1.08E-04	1.26E-04	1.87E-03
606132	4122260	4.41E-04	4.36E-04	4.31E-04	5.67E-05	1.23E-04	1.49E-03	Worker	0.00E+00	0.00E+00	5.06E-07	5.98E-08	0.57	0.00	4.41E-04	4.36E-04	4.31E-04	9.21E-05	1.13E-04	1.51E-03
606152	4122260	4.12E-04	4.08E-04	4.03E-04	5.39E-05	1.20E-04	1.40E-03	Worker	0.00E+00	0.00E+00	4.75E-07	5.61E-08	0.53	0.00	4.12E-04	4.08E-04	4.03E-04	8.75E-05	1.10E-04	1.42E-03
606172	4122260	3.88E-04	3.84E-04	3.80E-04	5.08E-05	1.16E-04	1.32E-03	Worker	0.00E+00	0.00E+00	4.48E-07	5.30E-08	0.50	0.00	3.88E-04	3.84E-04	3.80E-04	8.26E-05	1.07E-04	1.34E-03
606192	4122260	3.66E-04	3.63E-04	3.60E-04	4.76E-05	1.12E-04	1.25E-03	Worker	0.00E+00	0.00E+00	4.25E-07	5.02E-08	0.48	0.00	3.66E-04	3.63E-04	3.60E-04	7.74E-05	1.03E-04	1.27E-03
606212	4122260	3.47E-04	3.44E-04	3.41E-04	4.43E-05	1.08E-04	1.19E-03	Worker	0.00E+00	0.00E+00	4.03E-07	4.76E-08	0.45	0.00	3.47E-04	3.44E-04	3.41E-04	7.20E-05	9.98E-05	1.20E-03
606292	4122260	2.71E-04	2.70E-04	2.68E-04	3.23E-05	9.13E-05	9.33E-04	Worker	0.00E+00	0.00E+00	3.17E-07	3.75E-08	0.35	0.00	2.71E-04	2.70E-04	2.68E-04	5.25E-05	8.40E-05	9.46E-04
606312	4122260	2.52E-04	2.51E-04	2.50E-04	2.99E-05	8.70E-05	8.70E-04	Worker	0.00E+00	0.00E+00	2.96E-07	3.50E-08	0.33	0.00	2.52E-04	2.51E-04	2.50E-04	4.86E-05	8.00E-05	8.81E-04
606332	4122260	2.33E-04	2.33E-04	2.32E-04	2.78E-05	8.29E-05	8.09E-04	Worker	0.00E+00	0.00E+00	2.75E-07	3.25E-08	0.31	0.00	2.33E-04	2.33E-04	2.32E-04	4.51E-05	7.62E-05	8.20E-04
606352	4122260	2.16E-04	2.16E-04	2.15E-04	2.58E-05	7.89E-05	7.53E-04	Worker	0.00E+00	0.00E+00	2.56E-07	3.02E-08	0.29	0.00	2.16E-04	2.16E-04	2.15E-04	4.19E-05	7.25E-05	7.62E-04

606392	4122260	1.88E-04	1.88E-04	1.88E-04	2.24E-05	7.13E-05	6.57E-04	Worker	0.00E+00	0.00E+00	2.24E-07	2.64E-08	0.25	0.00	1.88E-04	1.88E-04	1.88E-04	3.64E-05	6.56E-05	6.66E-04
606412	4122260	1.77E-04	1.78E-04	1.78E-04	2.10E-05	6.78E-05	6.22E-04	Worker	0.00E+00	0.00E+00	2.11E-07	2.50E-08	0.24	0.00	1.77E-04	1.78E-04	1.78E-04	3.42E-05	6.24E-05	6.29E-04
606452	4122260	1.63E-04	1.63E-04	1.63E-04	1.87E-05	6.14E-05	5.70E-04	Worker	0.00E+00	0.00E+00	1.94E-07	2.29E-08	0.22	0.00	1.63E-04	1.63E-04	1.63E-04	3.04E-05	5.65E-05	5.77E-04
606472	4122260	1.59E-04	1.59E-04	1.59E-04	1.78E-05	5.85E-05	5.53E-04	Worker	0.00E+00	0.00E+00	1.88E-07	2.22E-08	0.21	0.00	1.59E-04	1.59E-04	1.59E-04	2.89E-05	5.38E-05	5.60E-04
606712	4122260	1.50E-04	1.48E-04	1.47E-04	1.10E-05	3.52E-05	4.92E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.98E-08	0.19	0.00	1.50E-04	1.48E-04	1.47E-04	1.78E-05	3.24E-05	4.96E-04
605852	4122280	6.16E-04	6.13E-04	6.11E-04	6.60E-05	1.32E-04	2.04E-03	Residence	0.00E+00	0.00E+00	6.93E-07	8.19E-08	0.77	0.00	6.16E-04	6.13E-04	6.11E-04	1.07E-04	1.21E-04	2.07E-03
605872	4122280	6.07E-04	6.02E-04	5.99E-04	6.72E-05	1.34E-04	2.01E-03	Residence	0.00E+00	0.00E+00	6.83E-07	8.08E-08	0.76	0.00	6.07E-04	6.02E-04	5.99E-04	1.09E-04	1.23E-04	2.04E-03
605892	4122280	6.07E-04	6.02E-04	5.97E-04	6.81E-05	1.35E-04	2.01E-03	Residence	0.00E+00	0.00E+00	6.83E-07	8.08E-08	0.76	0.00	6.07E-04	6.02E-04	5.97E-04	1.11E-04	1.25E-04	2.04E-03
605912	4122280	6.18E-04	6.11E-04	6.06E-04	6.87E-05	1.37E-04	2.04E-03	Residence	0.00E+00	0.00E+00	6.94E-07	8.20E-08	0.78	0.00	6.18E-04	6.11E-04	6.06E-04	1.12E-04	1.26E-04	2.07E-03
605932	4122280	6.27E-04	6.20E-04	6.14E-04	6.88E-05	1.37E-04	2.07E-03	Residence	0.00E+00	0.00E+00	7.03E-07	8.30E-08	0.79	0.00	6.27E-04	6.20E-04	6.14E-04	1.12E-04	1.26E-04	2.10E-03
605952	4122280	6.22E-04	6.14E-04	6.08E-04	6.82E-05	1.36E-04	2.05E-03	Residence	0.00E+00	0.00E+00	6.97E-07	8.23E-08	0.78	0.00	6.22E-04	6.14E-04	6.08E-04	1.11E-04	1.25E-04	2.08E-03
605972	4122280	6.10E-04	6.01E-04	5.94E-04	6.71E-05	1.35E-04	2.01E-03	Residence	0.00E+00	0.00E+00	6.82E-07	8.06E-08	0.76	0.00	6.10E-04	6.01E-04	5.94E-04	1.09E-04	1.24E-04	2.04E-03
605992	4122280	5.95E-04	5.87E-04	5.79E-04	6.55E-05	1.32E-04	1.96E-03	Residence	0.00E+00	0.00E+00	6.66E-07	7.87E-08	0.74	0.00	5.95E-04	5.87E-04	5.79E-04	1.06E-04	1.22E-04	1.99E-03
606012	4122280	5.76E-04	5.69E-04	5.61E-04	6.36E-05	1.30E-04	1.90E-03	Residence	0.00E+00	0.00E+00	6.46E-07	7.63E-08	0.72	0.00	5.76E-04	5.69E-04	5.61E-04	1.03E-04	1.19E-04	1.93E-03
606032	4122280	5.54E-04	5.46E-04	5.39E-04	6.15E-05	1.27E-04	1.83E-03	Residence	0.00E+00	0.00E+00	6.21E-07	7.34E-08	0.69	0.00	5.54E-04	5.46E-04	5.39E-04	1.00E-04	1.16E-04	1.86E-03
606052	4122280	5.26E-04	5.19E-04	5.12E-04	5.93E-05	1.23E-04	1.74E-03	Residence	0.00E+00	0.00E+00	5.92E-07	7.00E-08	0.66	0.00	5.26E-04	5.19E-04	5.12E-04	9.64E-05	1.14E-04	1.77E-03
606172	4122280	3.76E-04	3.73E-04	3.70E-04	4.59E-05	1.06E-04	1.27E-03	Worker	0.00E+00	0.00E+00	4.32E-07	5.11E-08	0.48	0.00	3.76E-04	3.73E-04	3.70E-04	7.46E-05	9.72E-05	1.29E-03
606192	4122280	3.56E-04	3.53E-04	3.50E-04	4.31E-05	1.02E-04	1.20E-03	Worker	0.00E+00	0.00E+00	4.10E-07	4.84E-08	0.46	0.00	3.56E-04	3.53E-04	3.50E-04	7.00E-05	9.41E-05	1.22E-03
606212	4122280	3.38E-04	3.35E-04	3.33E-04	4.02E-05	9.88E-05	1.14E-03	Worker	0.00E+00	0.00E+00	3.89E-07	4.60E-08	0.44	0.00	3.38E-04	3.35E-04	3.33E-04	6.54E-05	9.09E-05	1.16E-03
606232	4122280	3.20E-04	3.18E-04	3.15E-04	3.74E-05	9.52E-05	1.09E-03	Worker	0.00E+00	0.00E+00	3.69E-07	4.36E-08	0.41	0.00	3.20E-04	3.18E-04	3.15E-04	6.08E-05	8.76E-05	1.10E-03
606292	4122280	2.66E-04	2.65E-04	2.64E-04	2.99E-05	8.40E-05	9.09E-04	Worker	0.00E+00	0.00E+00	3.09E-07	3.65E-08	0.35	0.00	2.66E-04	2.65E-04	2.64E-04	4.85E-05	7.73E-05	9.21E-04
606312	4122280	2.48E-04	2.48E-04	2.46E-04	2.77E-05	8.03E-05	8.50E-04	Worker	0.00E+00	0.00E+00	2.89E-07	3.42E-08	0.32	0.00	2.48E-04	2.48E-04	2.46E-04	4.51E-05	7.39E-05	8.61E-04
606332	4122280	2.31E-04	2.31E-04	2.30E-04	2.58E-05	7.67E-05	7.94E-04	Worker	0.00E+00	0.00E+00	2.70E-07	3.19E-08	0.30	0.00	2.31E-04	2.31E-04	2.30E-04	4.20E-05	7.06E-05	8.04E-04
606352	4122280	2.15E-04	2.15E-04	2.14E-04	2.41E-05	7.32E-05	7.42E-04	Worker	0.00E+00	0.00E+00	2.52E-07	2.98E-08	0.28	0.00	2.15E-04	2.15E-04	2.14E-04	3.91E-05	6.74E-05	7.51E-04
606372	4122280	2.00E-04	2.01E-04	2.00E-04	2.25E-05	6.98E-05	6.94E-04	Worker	0.00E+00	0.00E+00	2.36E-07	2.79E-08	0.26	0.00	2.00E-04	2.01E-04	2.00E-04	3.66E-05	6.42E-05	7.02E-04
606392	4122280	1.88E-04	1.88E-04	1.88E-04	2.11E-05	6.66E-05	6.52E-04	Worker	0.00E+00	0.00E+00	2.22E-07	2.62E-08	0.25	0.00	1.88E-04	1.88E-04	1.88E-04	3.42E-05	6.12E-05	6.60E-04
606412	4122280	1.78E-04	1.78E-04	1.78E-04	1.98E-05	6.35E-05	6.18E-04	Worker	0.00E+00	0.00E+00	2.10E-07	2.48E-08	0.23	0.00	1.78E-04	1.78E-04	1.78E-04	3.21E-05	5.84E-05	6.25E-04
606432	4122280	1.70E-04	1.70E-04	1.70E-04	1.86E-05	6.05E-05	5.90E-04	Worker	0.00E+00	0.00E+00	2.00E-07	2.37E-08	0.22	0.00	1.70E-04	1.70E-04	1.70E-04	3.03E-05	5.57E-05	5.96E-04
606452	4122280	1.63E-04	1.64E-04	1.64E-04	1.76E-05	5.78E-05	5.66E-04	Worker	0.00E+00	0.00E+00	1.93E-07	2.28E-08	0.22	0.00	1.63E-04	1.64E-04	1.64E-04	2.86E-05	5.31E-05	5.73E-04
606472	4122280	1.59E-04	1.59E-04	1.59E-04	1.67E-05	5.52E-05	5.49E-04	Worker	0.00E+00	0.00E+00	1.87E-07	2.20E-08	0.21	0.00	1.59E-04	1.59E-04	1.59E-04	2.72E-05	5.07E-05	5.55E-04
606492	4122280	1.56E-04	1.55E-04	1.55E-04	1.60E-05	5.27E-05	5.35E-04	Worker	0.00E+00	0.00E+00	1.82E-07	2.15E-08	0.20	0.00	1.56E-04	1.55E-04	1.55E-04	2.60E-05	4.85E-05	5.41E-04
606512	4122280	1.53E-04	1.53E-04	1.53E-04	1.53E-05	5.05E-05	5.25E-04	Worker	0.00E+00	0.00E+00	1.78E-07	2.11E-08	0.20	0.00	1.53E-04	1.53E-04	1.53E-04	2.49E-05	4.64E-05	5.30E-04
606532	4122280	1.52E-04	1.51E-04	1.51E-04	1.47E-05	4.84E-05	5.18E-04	Worker	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.52E-04	1.51E-04	1.51E-04	2.39E-05	4.45E-05	5.23E-04
606552	4122280	1.52E-04	1.51E-04	1.51E-04	1.41E-05	4.64E-05	5.14E-04	Worker	0.00E+00	0.00E+00	1.75E-07	2.07E-08	0.20	0.00	1.52E-04	1.51E-04	1.51E-04	2.30E-05	4.27E-05	5.19E-04
606572	4122280	1.51E-04	1.50E-04	1.50E-04	1.36E-05	4.45E-05	5.09E-04	Worker	0.00E+00	0.00E+00	1.73E-07	2.05E-08	0.19	0.00	1.51E-04	1.50E-04	1.50E-04	2.21E-05	4.10E-05	5.14E-04
606892	4122280	1.37E-04	1.36E-04	1.35E-04	7.57E-06	2.46E-05	4.41E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.77E-08	0.17	0.00	1.37E-04	1.36E-04	1.35E-04	1.23E-05	2.26E-05	4.44E-04
606912	4122280	1.35E-04	1.34E-04	1.33E-04	7.31E-06	2.38E-05	4.34E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.74E-08	0.17	0.00	1.35E-04	1.34E-04	1.33E-04	1.19E-05	2.19E-05	4.37E-04
605632	4122300	4.30E-04	4.32E-04	4.34E-04	3.93E-05	8.11E-05	1.42E-03	Residence	0.00E+00	0.00E+00	4.82E-07	5.69E-08	0.54	0.00	4.30E-04	4.32E-04	4.34E-04	6.38E-05	7.46E-05	1.43E-03
605652	4122300	4.47E-04	4.49E-04	4.51E-04	4.16E-05	8.53E-05	1.47E-03	Residence	0.00E+00	0.00E+00	5.01E-07	5.92E-08	0.56	0.00	4.47E-04	4.49E-04	4.51E-04	6.75E-05	7.85E-05	1.49E-03
605672	4122300	4.70E-04	4.71E-04	4.73E-04	4.39E-05	8.97E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.26E-07	6.22E-08	0.59	0.00	4.70E-04	4.71E-04	4.73E-04	7.14E-05	8.26E-05	1.57E-03
605692	4122300	4.88E-04	4.89E-04	4.91E-04	4.62E-05	9.41E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.47E-07	6.47E-08	0.61	0.00	4.88E-04	4.89E-04	4.91E-04	7.51E-05	8.66E-05	1.63E-03
605852	4122300	6.08E-04	6.04E-04	6.00E-04	6.15E-05	1.23E-04	2.00E-03	Residence	0.00E+00	0.00E+00	6.79E-07	8.03E-08	0.76	0.00	6.08E-04	6.04E-04	6.00E-04	1.00E-04	1.13E-04	2.03E-03
605872	4122300	5.91E-04	5.86E-04	5.82E-04	6.22E-05	1.24E-04	1.94E-03	Residence	0.00E+00	0.00E+00	6.61E-07	7.82E-08	0.74	0.00	5.91E-04	5.86E-04	5.82E-04	1.01E-04	1.14E-04	1.97E-03
605892	4122300	5.79E-04	5.73E-04	5.68E-04	6.25E-05	1.25E-04	1.91E-03	Residence	0.00E+00	0.00E+00	6.49E-07	7.67E-08	0.73	0.00	5.79E-04	5.73E-04	5.68E-04	1.02E-04	1.15E-04	1.94E-03
605912	4122300	5.87E-04	5.80E-04	5.74E-04	6.27E-05	1.25E-04	1.93E-03	Residence	0.00E+00	0.00E+00	6.56E-07	7.75E-08	0.73	0.00	5.87E-04	5.80E-04	5.74E-04	1.02E-04	1.15E-04	1.96E-03
605932	4122300	6.01E-04	5.94E-04	5.87E-04	6.25E-05	1.25E-04	1.97E-03	Residence	0.00E+00	0.00E+00	6.70E-07	7.91E-08	0.75	0.00	6.01E-04	5.94E-04	5.87E-04	1.02E-04	1.15E-04	2.00E-03
605952	4122300	5.95E-04	5.87E-04	5.81E-04	6.17E-05	1.24E-04	1.95E-03	Residence	0.00E+00	0.00E+00	6.63E-07	7.83E-08	0.74	0.00	5.95E-04	5.87E-04	5.81E-04	1.00E-04	1.14E-04	1.98E-03
605972	4122300	5.83E-04	5.75E-04	5.67E-04	6.04E-05	1.22E-04	1.91E-03	Residence	0.00E+00	0.00E+00	6.48E-07	7.67E-08	0.73	0.00	5.83E-04	5.75E-04	5.67E-04	9.82E-05	1.12E-04	1.94E-03
605992	4122300	5.68E-04	5.60E-04	5.52E-04	5.88E-05	1.20E-04	1.86E-03	Residence	0.00E+00	0.00E+00	6.32E-07	7.47E-08	0.71	0.00	5.68E-04	5.60E-04	5.52E-04	9.56E-05	1.10E-04	1.89E-03
606012	4122300	5.50E-04	5.43E-04	5.35E-04	5.71E-05	1.17E-04	1.80E-03	Residence	0.00E+00	0.00E+00	6.13E-07	7.24E-08	0.69	0.00	5.50E-04	5.43E-04	5.35E-04	9.28E-05	1.08E-04	1.83E-03
606032	4122300	5.29E-04	5.22E-04	5.15E-04	5.52E-05	1.15E-04	1.74E-03	Residence	0.00E+00	0.00E+00	5.90E-07	6.98E-08	0.66	0.00	5.29E-04	5.22E-04	5.15E-04	8.98E-05	1.05E-04	1.76E-03
606052	4122300	5.04E-04	4.97E-04	4.90E-04	5.34E-05	1.12E-04	1.66E-03	Residence	0.00E+00	0.00E+00	5.63E-07	6.66E-08	0.63	0.00	5.04E-04	4.97E-04	4.90E-04	8.67E-05	1.03E-04	1.68E-03
606292	4122300	2.62E-04	2.61E-04	2.59E-04	2.77E-05	7.76E-05	8.88E-04	Worker	0.00E+00	0.00E+00	3.02E-07	3.57E-08	0.34	0.00	2.62E-04	2.61E-04	2.59E-04	4.49E-05	7.14E-05	8.99E-04
606312	4122300	2.45E-04	2.44E-04	2.43E-04	2.58E-05	7.44E-05	8.32E-04	Worker	0.00E+00	0.00E+00	2.83E-07	3.35E-08	0.32	0.00	2.45E-04	2.44E-04	2.43E-04	4.19E-05	6.85E-05	8.42E-04
606332	4122300	2.29E-04	2.28E-04	2.27E-04	2.41E-05	7.12E-05	7.80E-04	Worker	0.00E+00	0.00E+00	2.65E-07	3.13E-08	0.30	0.00	2.29E-04	2.28E-04	2.27E-04	3.91E-05	6.56E-05	7.89E-04
606352	4122300	2.14E-04	2.14E-04	2.13E-04	2.25E-05	6.82E-05	7.32E-04	Worker	0.00E+00	0.00E+00	2.49E-07	2.94E-08	0.28	0.00	2.14E-04	2.14E-04	2.13E-04	3.66E-05	6.27E-05	7.40E-04
606392	4122300	1.88E-04	1.88E-04	1.88E-04	1.98E-05	6.23E-05	6.47E-04	Worker	0.00E+00	0.00E+00	2.20E-07	2.60E-08	0.25	0.00	1.88E-04	1.88E-04	1.88E-04	3.22E-05	5.73E-05	6.54E-04
606412	4122300	1.78E-04	1.79E-04	1.79E-04	1.86E-05	5.96E-05	6.14E-04	Worker	0.00E+00	0.00E+00	2.09E-07	2.47E-08	0.23	0.00	1.78E-04	1.79E-04	1.79E-04	3.03E-05	5.48E-05	6.21E-04
606432	4122300	1.70E-04	1.70E-04	1.70E-04	1.76E-05	5.69E-05	5.85E-04	Worker	0.00E+00	0.00E+00	1.99E-07	2.35E-08	0.22	0.00	1.70E-04	1.70E-04	1.70E-04	2.86E-05	5.24E-05	5.92E-04
606452	4122300	1.64E-04	1.64E-04	1.64E-04	1.66E-05	5.44E-05	5.62E-04	Worker	0.00E+00	0.00E+00	1.91E-07	2.26E-08	0.21	0.00	1.64E-04	1.64E-04	1.64E-04	2.70E-05	5.01E-05	5.68E-04
606472	4122300	1.59E-04	1.59E-04	1.58E-04	1.58E-05	5.21E-05	5.44E-04	Worker	0.00E+00	0.00E+00	1.85E-07	2.19E-08	0.21	0.00	1.59E-04	1.59E-04	1.58E-04	2.57E-05	4.79E-05	5.49E-04
606492	4122300	1.55E-04	1.54E-04	1.54E-04	1.51E-05	4.99E-05	5.28E-04	Worker	0.00E+00	0.00E+00	1.80E-07	2.12E-08	0.20	0.00	1.55E-04	1.54E-04	1.54E-04	2.45E-05	4.59E-05	5.34E-04
606512	4122300	1.52E-04	1.51E-04	1.51E-04	1.44E-05	4.78E-05	5.16E-04	Worker	0.00E+00	0.00E+00	1.75E-07	2.07E-08	0.20	0.00	1.52E-04	1.51E-04	1.51E-04	2.35E-05	4.40E-05	5.21E-04
606832	4122300	1.38E-04	1.37E-04	1.36E-04	8.19E-06	2.64E-05	4.46E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.79E-08	0.17	0.00	1.38E-04	1.37E-04	1.36E-04	1.33E-05	2.43E-05	4.49E-04
606852	4122300	1.36E-04	1.35E-04	1.34E-04	7.91E-06	2.56E-05	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.36E-04	1.35E-04	1.34E-04	1.28E-05	2.35E-05	4.41E-04
606872	4122300	1.35E-04	1.34E-04	1.33E-04	7.64E-06	2.47E-05	4.34E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.35E-04	1.34E-04	1.33E-04	1.24E-05	2.28E-05	4.37E-04
606892	4122300	1.33E-04	1.32E-04	1.32E-04	7.38E-06	2.39E-05	4.29E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.72E-08	0.16	0.00	1.33E-04	1.32E-04	1.32E-04	1.20E-05	2.20E-05	4.31E-04
606912	4122300	1.32E-04	1.31E-04	1.30E-04	7.13E-06	2.32E-05	4.23E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.32E-04	1.31E-04	1.30E-04	1.16E-05	2.13E-05	4.26E-04
605632	4122320	4.40E-04	4.41E-04	4.43E-04	3.91E-05	8.02E-05	1.44E-03	Residence	0.00E+00	0.00E+00	4.91E-07	5.80E-08	0.55	0.00	4.40E-04	4.41E-04	4.43E-04	6.36E-05	7.38E-05	1.46E-03
605652	4122320	4.59E-04	4.60E-04	4.61E-04	4.12E-05	8.40E-05	1.50E-03	Residence	0.00E+00	0.00E+00	5.12E-07	6.05E-08	0.57	0.00	4.59E-04	4.60E-04	4.61E-04	6.69E-05	7.73E-05	1.52E-03
605672	4122320	4.80E-04	4.81E-04	4.82E-04	4.32E-05	8.80E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.35E-07	6.32E-08	0.60	0.00	4.80E-04	4.81E-04	4.82E-04	7.02E-05	8.09E-05	1.59E-03
605692	4122320	4.96E-04	4.96E-04	4.97E-04	4.52E-05	9.18E-05	1.63E-03	Residence	0.00E+00	0.00E+00	5.53E-07	6.54E-08	0.62	0.00	4.96E-04	4.96E-04	4.97E-04	7.35E-05	8.44E-05	1.65E-03
605772	4122320	5.57E-04	5.55E-04	5.54E-04	5.26E-05	1.06E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.20E-07	7.33E-08	0.69	0.00	5.57E-04	5.55E-04	5.54E-04	8.54E-05	9.72E-05	1.85E-03
605792	4122320	5.69E-04	5.66E-04	5.64E-04	5.41E-05	1.08E-04	1.86E-03	Residence	0.00E+00	0.00E+00	6.33E-07	7.48E-08	0.71	0.00	5.69E-04	5.66E-04	5.64E-04	8.79E-05	9.98E-05	1.89E-03
605852	4122320	5.87E-04	5.82E-04	5.78E-04	5.72E-05	1.14E-04	1.92E-03	Residence	0.00E+00	0.00E+00	6.53E-07	7.71E-08	0.73	0.00	5.87E-04	5.82E-04	5.78E-04	9.29E-05	1.05E-04	1.95E-03
605872	4122320	5.67E-04	5.62E-04	5.57E-04	5.75E-05	1.15E-04	1.86E-03	Residence	0.00E+00	0.00E+00	6.32E-07	7.47E-08	0.71	0.00	5.67E-04	5.62E-04	5.57E-04	9.34E-05	1.06E-04	1.88E-03
605892	4122320	5.63E-04	5.57E-04	5.52E-04	5.75E-05	1.15E-04	1.84E-03	Residence	0.00E+00	0.00E+00	6.27E-07	7.42E-08	0.70	0.00	5.63E-04	5.57E-04	5.52E-04	9.35E-05	1.06E-04	1.87E-03
605912	4122320	5.61E-04	5.55E-04	5.49E-04	5.73E-05	1.15E-04	1.84E-03	Residence	0.00E+00	0.00E+00	6.24E-07	7.38E-08	0.70	0.00	5.61E-04	5.55E-04	5.49E-04	9.31E-05	1.06E-04	1.86E-03
605932	4122320	5.76E-04	5.68E-04	5.62E-04	5.69E-05	1.14E-04	1.88E-03	Residence	0.00E+00	0.00E+00	6.38E-07	7.55E-08	0.71	0.00	5.76E-04	5.68E-04	5.62E-04	9.24E-05	1.05E-04	1.90E-03
605952	4122320	5.76E-04	5.68E-04	5.61E-04	5.59E-05	1.13E-04	1.87E-03	Residence	0.00E+00	0.00E+00	6.37E-07	7.53E-08	0.71	0.00	5.76E-04	5.68E-04	5.61E-04	9.09E-05	1.04E-04	1.90E-03
605972	4122320	5.57E-04	5.49E-04	5.42E-04	5.46E-05	1.11E-04	1.81E-03	Residence	0.00E+00	0.00E+00	6.17E-07	7.29E-08	0.69	0.00	5.57E-04	5.49E-04	5.42E-04	8.87E-05	1.02E-04	1.84E-03
605992	4122320	5.41E-04	5.33E-04	5.26E-04	5.31E-05	1.09E-04	1.76E-03	Residence	0.00E+00	0.00E+00	5.99E-07	7.09E-08	0.67	0.00	5.41E-04	5.33E-04	5.26E-04	8.63E-05	1.00E-04	1.79E-03
606012	4122320	5.23E-04	5.16E-04	5.09E-04	5.15E-05	1.07E-04	1.71E-03	Residence	0.00E+00	0.00E+00	5.80E-07	6.86E-08	0.65	0.00	5.23E-04	5.16E-04	5.09E-04	8.37E-05	9.80E-05	1.73E-03

606032	4122320	5.04E-04	4.97E-04	4.90E-04	4.99E-05	1.04E-04	1.64E-03	Residence	0.00E+00	0.00E+00	5.59E-07	6.61E-08	0.63	0.00	5.04E-04	4.97E-04	4.90E-04	8.11E-05	9.58E-05	1.67E-03
606392	4122320	1.88E-04	1.88E-04	1.88E-04	1.87E-05	5.85E-05	6.41E-04	Worker	0.00E+00	0.00E+00	2.18E-07	2.58E-08	0.24	0.00	1.88E-04	1.88E-04	1.88E-04	3.04E-05	5.38E-05	6.48E-04
606412	4122320	1.78E-04	1.79E-04	1.78E-04	1.76E-05	5.60E-05	6.09E-04	Worker	0.00E+00	0.00E+00	2.07E-07	2.45E-08	0.23	0.00	1.78E-04	1.79E-04	1.78E-04	2.86E-05	5.15E-05	6.16E-04
606432	4122320	1.71E-04	1.71E-04	1.71E-04	1.66E-05	5.37E-05	5.82E-04	Worker	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.71E-04	1.71E-04	1.71E-04	2.70E-05	4.94E-05	5.88E-04
606452	4122320	1.63E-04	1.63E-04	1.63E-04	1.58E-05	5.14E-05	5.55E-04	Worker	0.00E+00	0.00E+00	1.89E-07	2.23E-08	0.21	0.00	1.63E-04	1.63E-04	1.63E-04	2.56E-05	4.73E-05	5.61E-04
606472	4122320	1.58E-04	1.58E-04	1.57E-04	1.50E-05	4.93E-05	5.37E-04	Worker	0.00E+00	0.00E+00	1.83E-07	2.16E-08	0.20	0.00	1.58E-04	1.58E-04	1.57E-04	2.43E-05	4.53E-05	5.43E-04
606752	4122320	1.37E-04	1.36E-04	1.35E-04	9.08E-06	2.93E-05	4.47E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.37E-04	1.36E-04	1.35E-04	1.48E-05	2.69E-05	4.50E-04
606772	4122320	1.36E-04	1.35E-04	1.34E-04	8.78E-06	2.83E-05	4.41E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.77E-08	0.17	0.00	1.36E-04	1.35E-04	1.34E-04	1.43E-05	2.60E-05	4.44E-04
606792	4122320	1.35E-04	1.34E-04	1.33E-04	8.49E-06	2.74E-05	4.37E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.35E-04	1.34E-04	1.33E-04	1.38E-05	2.52E-05	4.41E-04
606812	4122320	1.34E-04	1.33E-04	1.32E-04	8.21E-06	2.65E-05	4.35E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.34E-04	1.33E-04	1.32E-04	1.33E-05	2.44E-05	4.38E-04
606832	4122320	1.34E-04	1.33E-04	1.32E-04	7.94E-06	2.56E-05	4.31E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.73E-08	0.16	0.00	1.34E-04	1.33E-04	1.32E-04	1.29E-05	2.36E-05	4.34E-04
606852	4122320	1.32E-04	1.31E-04	1.30E-04	7.68E-06	2.48E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.32E-04	1.31E-04	1.30E-04	1.25E-05	2.28E-05	4.28E-04
606872	4122320	1.31E-04	1.30E-04	1.30E-04	7.43E-06	2.40E-05	4.23E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.31E-04	1.30E-04	1.30E-04	1.21E-05	2.21E-05	4.26E-04
606892	4122320	1.30E-04	1.29E-04	1.28E-04	7.19E-06	2.33E-05	4.18E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.30E-04	1.29E-04	1.28E-04	1.17E-05	2.14E-05	4.21E-04
606912	4122320	1.29E-04	1.28E-04	1.27E-04	6.96E-06	2.25E-05	4.14E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.66E-08	0.16	0.00	1.29E-04	1.28E-04	1.27E-04	1.13E-05	2.07E-05	4.16E-04
605632	4122340	4.49E-04	4.50E-04	4.51E-04	3.87E-05	7.89E-05	1.47E-03	Residence	0.00E+00	0.00E+00	4.99E-07	5.90E-08	0.56	0.00	4.49E-04	4.50E-04	4.51E-04	6.28E-05	7.26E-05	1.49E-03
605652	4122340	4.64E-04	4.64E-04	4.65E-04	4.04E-05	8.23E-05	1.52E-03	Residence	0.00E+00	0.00E+00	5.15E-07	6.09E-08	0.58	0.00	4.64E-04	4.64E-04	4.65E-04	6.57E-05	7.57E-05	1.53E-03
605672	4122340	4.81E-04	4.81E-04	4.82E-04	4.22E-05	8.57E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.35E-07	6.32E-08	0.60	0.00	4.81E-04	4.81E-04	4.82E-04	6.86E-05	7.88E-05	1.59E-03
605692	4122340	4.97E-04	4.96E-04	4.96E-04	4.39E-05	8.89E-05	1.62E-03	Residence	0.00E+00	0.00E+00	5.51E-07	6.52E-08	0.62	0.00	4.97E-04	4.96E-04	4.96E-04	7.14E-05	8.18E-05	1.64E-03
605712	4122340	5.13E-04	5.11E-04	5.11E-04	4.56E-05	9.21E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.69E-07	6.72E-08	0.64	0.00	5.13E-04	5.11E-04	5.11E-04	7.41E-05	8.47E-05	1.69E-03
605732	4122340	5.24E-04	5.22E-04	5.22E-04	4.71E-05	9.51E-05	1.71E-03	Residence	0.00E+00	0.00E+00	5.82E-07	6.87E-08	0.65	0.00	5.24E-04	5.22E-04	5.22E-04	7.66E-05	8.75E-05	1.73E-03
605752	4122340	5.25E-04	5.23E-04	5.22E-04	4.85E-05	9.77E-05	1.72E-03	Residence	0.00E+00	0.00E+00	5.84E-07	6.90E-08	0.65	0.00	5.25E-04	5.23E-04	5.22E-04	7.88E-05	8.99E-05	1.74E-03
605772	4122340	5.36E-04	5.33E-04	5.32E-04	4.98E-05	1.00E-04	1.75E-03	Residence	0.00E+00	0.00E+00	5.95E-07	7.04E-08	0.67	0.00	5.36E-04	5.33E-04	5.32E-04	8.10E-05	9.22E-05	1.77E-03
605792	4122340	5.43E-04	5.39E-04	5.37E-04	5.09E-05	1.02E-04	1.77E-03	Residence	0.00E+00	0.00E+00	6.03E-07	7.12E-08	0.67	0.00	5.43E-04	5.39E-04	5.37E-04	8.28E-05	9.41E-05	1.80E-03
605812	4122340	5.53E-04	5.49E-04	5.46E-04	5.19E-05	1.04E-04	1.80E-03	Residence	0.00E+00	0.00E+00	6.13E-07	7.25E-08	0.69	0.00	5.53E-04	5.49E-04	5.46E-04	8.43E-05	9.58E-05	1.83E-03
605832	4122340	5.60E-04	5.56E-04	5.52E-04	5.26E-05	1.05E-04	1.83E-03	Residence	0.00E+00	0.00E+00	6.21E-07	7.34E-08	0.69	0.00	5.60E-04	5.56E-04	5.52E-04	8.55E-05	9.71E-05	1.85E-03
605852	4122340	5.58E-04	5.52E-04	5.48E-04	5.30E-05	1.06E-04	1.82E-03	Residence	0.00E+00	0.00E+00	6.18E-07	7.31E-08	0.69	0.00	5.58E-04	5.52E-04	5.48E-04	8.62E-05	9.78E-05	1.84E-03
605872	4122340	5.47E-04	5.41E-04	5.36E-04	5.31E-05	1.06E-04	1.78E-03	Residence	0.00E+00	0.00E+00	6.06E-07	7.17E-08	0.68	0.00	5.47E-04	5.41E-04	5.36E-04	8.62E-05	9.79E-05	1.81E-03
605892	4122340	5.44E-04	5.38E-04	5.32E-04	5.29E-05	1.06E-04	1.77E-03	Residence	0.00E+00	0.00E+00	6.03E-07	7.13E-08	0.67	0.00	5.44E-04	5.38E-04	5.32E-04	8.60E-05	9.78E-05	1.80E-03
605912	4122340	5.38E-04	5.31E-04	5.25E-04	5.24E-05	1.06E-04	1.75E-03	Residence	0.00E+00	0.00E+00	5.96E-07	7.04E-08	0.67	0.00	5.38E-04	5.31E-04	5.25E-04	8.52E-05	9.71E-05	1.78E-03
605932	4122340	5.45E-04	5.38E-04	5.32E-04	5.18E-05	1.05E-04	1.77E-03	Residence	0.00E+00	0.00E+00	6.03E-07	7.12E-08	0.67	0.00	5.45E-04	5.38E-04	5.32E-04	8.42E-05	9.64E-05	1.80E-03
605952	4122340	5.43E-04	5.36E-04	5.29E-04	5.08E-05	1.03E-04	1.76E-03	Residence	0.00E+00	0.00E+00	5.99E-07	7.09E-08	0.67	0.00	5.43E-04	5.36E-04	5.29E-04	8.26E-05	9.50E-05	1.79E-03
605972	4122340	5.30E-04	5.23E-04	5.16E-04	4.96E-05	1.01E-04	1.72E-03	Residence	0.00E+00	0.00E+00	5.85E-07	6.92E-08	0.65	0.00	5.30E-04	5.23E-04	5.16E-04	8.05E-05	9.34E-05	1.74E-03
606692	4122340	1.35E-04	1.34E-04	1.34E-04	9.60E-06	3.12E-05	4.44E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.78E-08	0.17	0.00	1.35E-04	1.34E-04	1.34E-04	1.56E-05	2.87E-05	4.48E-04
606712	4122340	1.34E-04	1.33E-04	1.32E-04	9.30E-06	3.01E-05	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.34E-04	1.33E-04	1.32E-04	1.51E-05	2.77E-05	4.41E-04
606732	4122340	1.33E-04	1.32E-04	1.31E-04	9.01E-06	2.91E-05	4.34E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.74E-08	0.16	0.00	1.33E-04	1.32E-04	1.31E-04	1.46E-05	2.68E-05	4.37E-04
606752	4122340	1.33E-04	1.32E-04	1.31E-04	8.74E-06	2.82E-05	4.33E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.74E-08	0.16	0.00	1.33E-04	1.32E-04	1.31E-04	1.42E-05	2.60E-05	4.36E-04
606772	4122340	1.32E-04	1.31E-04	1.30E-04	8.47E-06	2.73E-05	4.30E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.73E-08	0.16	0.00	1.32E-04	1.31E-04	1.30E-04	1.38E-05	2.51E-05	4.33E-04
606792	4122340	1.32E-04	1.31E-04	1.30E-04	8.20E-06	2.64E-05	4.28E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.72E-08	0.16	0.00	1.32E-04	1.31E-04	1.30E-04	1.33E-05	2.43E-05	4.31E-04
606812	4122340	1.31E-04	1.30E-04	1.29E-04	7.94E-06	2.56E-05	4.24E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.71E-08	0.16	0.00	1.31E-04	1.30E-04	1.29E-04	1.29E-05	2.36E-05	4.27E-04
606832	4122340	1.31E-04	1.30E-04	1.29E-04	7.70E-06	2.48E-05	4.22E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.70E-08	0.16	0.00	1.31E-04	1.30E-04	1.29E-04	1.25E-05	2.28E-05	4.25E-04
606852	4122340	1.29E-04	1.28E-04	1.28E-04	7.45E-06	2.41E-05	4.17E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.29E-04	1.28E-04	1.28E-04	1.21E-05	2.21E-05	4.20E-04
606872	4122340	1.28E-04	1.27E-04	1.26E-04	7.22E-06	2.33E-05	4.12E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.28E-04	1.27E-04	1.26E-04	1.17E-05	2.15E-05	4.14E-04
606892	4122340	1.27E-04	1.26E-04	1.26E-04	7.00E-06	2.26E-05	4.09E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.27E-04	1.26E-04	1.26E-04	1.14E-05	2.08E-05	4.11E-04
606912	4122340	1.26E-04	1.25E-04	1.24E-04	6.78E-06	2.19E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.26E-04	1.25E-04	1.24E-04	1.10E-05	2.02E-05	4.06E-04
605632	4122360	4.52E-04	4.53E-04	4.53E-04	3.80E-05	7.72E-05	1.47E-03	Residence	0.00E+00	0.00E+00	5.01E-07	5.92E-08	0.56	0.00	4.52E-04	4.53E-04	4.53E-04	6.17E-05	7.11E-05	1.49E-03
605652	4122360	4.66E-04	4.66E-04	4.66E-04	3.95E-05	8.02E-05	1.52E-03	Residence	0.00E+00	0.00E+00	5.16E-07	6.10E-08	0.58	0.00	4.66E-04	4.66E-04	4.66E-04	6.42E-05	7.38E-05	1.54E-03
605672	4122360	4.84E-04	4.83E-04	4.82E-04	4.10E-05	8.31E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.35E-07	6.32E-08	0.60	0.00	4.84E-04	4.83E-04	4.82E-04	6.67E-05	7.65E-05	1.59E-03
605692	4122360	4.98E-04	4.97E-04	4.96E-04	4.25E-05	8.59E-05	1.62E-03	Residence	0.00E+00	0.00E+00	5.50E-07	6.51E-08	0.62	0.00	4.98E-04	4.97E-04	4.96E-04	6.90E-05	7.90E-05	1.64E-03
605712	4122360	5.11E-04	5.09E-04	5.08E-04	4.38E-05	8.85E-05	1.66E-03	Residence	0.00E+00	0.00E+00	5.65E-07	6.68E-08	0.63	0.00	5.11E-04	5.09E-04	5.08E-04	7.12E-05	8.14E-05	1.68E-03
605732	4122360	5.19E-04	5.17E-04	5.16E-04	4.51E-05	9.09E-05	1.69E-03	Residence	0.00E+00	0.00E+00	5.74E-07	6.78E-08	0.64	0.00	5.19E-04	5.17E-04	5.16E-04	7.32E-05	8.36E-05	1.71E-03
605752	4122360	5.15E-04	5.12E-04	5.11E-04	4.61E-05	9.29E-05	1.68E-03	Residence	0.00E+00	0.00E+00	5.70E-07	6.74E-08	0.64	0.00	5.15E-04	5.12E-04	5.11E-04	7.50E-05	8.55E-05	1.70E-03
605772	4122360	5.15E-04	5.12E-04	5.09E-04	4.70E-05	9.47E-05	1.68E-03	Residence	0.00E+00	0.00E+00	5.70E-07	6.74E-08	0.64	0.00	5.15E-04	5.12E-04	5.09E-04	7.64E-05	8.71E-05	1.70E-03
605792	4122360	5.22E-04	5.18E-04	5.15E-04	4.79E-05	9.63E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.78E-07	6.83E-08	0.65	0.00	5.22E-04	5.18E-04	5.15E-04	7.78E-05	8.86E-05	1.72E-03
605812	4122360	5.23E-04	5.19E-04	5.15E-04	4.85E-05	9.74E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.79E-07	6.84E-08	0.65	0.00	5.23E-04	5.19E-04	5.15E-04	7.88E-05	8.96E-05	1.73E-03
605832	4122360	5.28E-04	5.23E-04	5.18E-04	4.89E-05	9.82E-05	1.72E-03	Residence	0.00E+00	0.00E+00	5.83E-07	6.90E-08	0.65	0.00	5.28E-04	5.23E-04	5.18E-04	7.95E-05	9.04E-05	1.74E-03
605852	4122360	5.31E-04	5.26E-04	5.21E-04	4.91E-05	9.87E-05	1.73E-03	Residence	0.00E+00	0.00E+00	5.87E-07	6.94E-08	0.66	0.00	5.31E-04	5.26E-04	5.21E-04	7.99E-05	9.08E-05	1.75E-03
605872	4122360	5.28E-04	5.22E-04	5.17E-04	4.90E-05	9.86E-05	1.71E-03	Residence	0.00E+00	0.00E+00	5.83E-07	6.89E-08	0.65	0.00	5.28E-04	5.22E-04	5.17E-04	7.97E-05	9.07E-05	1.74E-03
605892	4122360	5.23E-04	5.17E-04	5.11E-04	4.87E-05	9.81E-05	1.70E-03	Residence	0.00E+00	0.00E+00	5.78E-07	6.83E-08	0.65	0.00	5.23E-04	5.17E-04	5.11E-04	7.91E-05	9.03E-05	1.72E-03
605912	4122360	5.14E-04	5.08E-04	5.02E-04	4.81E-05	9.72E-05	1.67E-03	Residence	0.00E+00	0.00E+00	5.68E-07	6.71E-08	0.63	0.00	5.14E-04	5.08E-04	5.02E-04	7.81E-05	8.94E-05	1.69E-03
605952	4122360	5.22E-04	5.15E-04	5.08E-04	4.63E-05	9.48E-05	1.69E-03	Residence	0.00E+00	0.00E+00	5.73E-07	6.78E-08	0.64	0.00	5.22E-04	5.15E-04	5.08E-04	7.53E-05	8.72E-05	1.71E-03
606632	4122360	1.35E-04	1.35E-04	1.34E-04	1.00E-05	3.31E-05	4.47E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.35E-04	1.35E-04	1.34E-04	1.63E-05	3.04E-05	4.51E-04
606652	4122360	1.33E-04	1.32E-04	1.32E-04	9.75E-06	3.20E-05	4.39E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.33E-04	1.32E-04	1.32E-04	1.58E-05	2.94E-05	4.42E-04
606672	4122360	1.32E-04	1.31E-04	1.30E-04	9.46E-06	3.09E-05	4.34E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.74E-08	0.16	0.00	1.32E-04	1.31E-04	1.30E-04	1.54E-05	2.85E-05	4.37E-04
606692	4122360	1.31E-04	1.30E-04	1.29E-04	9.19E-06	2.99E-05	4.29E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.73E-08	0.16	0.00	1.31E-04	1.30E-04	1.29E-04	1.49E-05	2.75E-05	4.33E-04
606712	4122360	1.31E-04	1.30E-04	1.30E-04	8.92E-06	2.90E-05	4.29E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.72E-08	0.16	0.00	1.31E-04	1.30E-04	1.30E-04	1.45E-05	2.67E-05	4.32E-04
606732	4122360	1.30E-04	1.29E-04	1.28E-04	8.66E-06	2.81E-05	4.24E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.71E-08	0.16	0.00	1.30E-04	1.29E-04	1.28E-04	1.41E-05	2.58E-05	4.27E-04
606772	4122360	1.30E-04	1.29E-04	1.28E-04	8.16E-06	2.64E-05	4.20E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	1.30E-04	1.29E-04	1.28E-04	1.33E-05	2.43E-05	4.23E-04
606792	4122360	1.29E-04	1.28E-04	1.27E-04	7.92E-06	2.56E-05	4.18E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.29E-04	1.28E-04	1.27E-04	1.29E-05	2.35E-05	4.21E-04
606812	4122360	1.28E-04	1.27E-04	1.27E-04	7.68E-06	2.48E-05	4.15E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.67E-08	0.16	0.00	1.28E-04	1.27E-04	1.27E-04	1.25E-05	2.28E-05	4.18E-04
606832	4122360	1.27E-04	1.26E-04	1.25E-04	7.45E-06	2.40E-05	4.10E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.65E-08	0.16	0.00	1.27E-04	1.26E-04	1.25E-04	1.21E-05	2.21E-05	4.13E-04
606852	4122360	1.27E-04	1.26E-04	1.25E-04	7.23E-06	2.33E-05	4.08E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.27E-04	1.26E-04	1.25E-04	1.18E-05	2.15E-05	4.11E-04
606872	4122360	1.25E-04	1.24E-04	1.23E-04	7.01E-06	2.26E-05	4.02E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.61E-08	0.15	0.00	1.25E-04	1.24E-04	1.23E-04	1.14E-05	2.08E-05	4.04E-04
606892	4122360	1.24E-04	1.24E-04	1.23E-04	6.80E-06	2.20E-05	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.24E-04	1.24E-04	1.23E-04	1.11E-05	2.02E-05	4.02E-04
606912	4122360	1.24E-04	1.23E-04	1.22E-04	6.60E-06	2.13E-05	3.96E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.59E-08	0.15	0.00	1.24E-04	1.23E-04	1.22E-04	1.07E-05	1.96E-05	3.99E-04
605632	4122380	4.56E-04	4.56E-04	4.55E-04	3.71E-05	7.53E-05	1.48E-03	Residence	0.00E+00	0.00E+00	5.03E-07	5.95E-08	0.56	0.00	4.56E-04	4.56E-04	4.55E-04	6.02E-05	6.93E-05	1.50E-03
605652	4122380	4.68E-04	4.67E-04	4.66E-04	3.84E-05	7.78E-05	1.52E-03	Residence	0.00E+00	0.00E+00	5.16E-07	6.10E-08	0.58	0.00	4.68E-04	4.67E-04	4.66E-04	6.24E-05	7.16E-05	1.53E-03
605672	4122380	4.84E-04	4.82E-04	4.81E-04	3.97E-05	8.03E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.33E-07	6.30E-08	0.60	0.00	4.84E-04	4.82E-04	4.81E-04	6.44E-05	7.39E-05	1.59E-03
605692	4122380	4.95E-04	4.94E-04	4.93E-04	4.09E-05	8.26E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.46E-07	6.45E-08	0.61	0.00	4.95E-04	4.94E-04	4.93E-04	6.64E-05	7.60E-05	1.62E-03
605712	4122380	5.06E-04	5.04E-04	5.03E-04	4.20E-05	8.48E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.58E-07	6.59E-08	0.62	0.00	5.06E-04	5.04E-04	5.03E-04	6.82E-05	7.80E-05	1.66E-03
605732	4122380	5.11E-04	5.08E-04	5.06E-04	4.29E-05	8.67E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.63E-07	6.65E-08	0.63	0.00	5.11E-04	5.08E-04	5.06E-04	6.98E-05	7.98E-05	1.67E-03
605752	4122380	5.05E-04	5.02E-04	4.99E-04	4.37E-05	8.82E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.57E-07	6.58E-08	0.62	0.00	5.05E-04	5.02E-04	4.99E-04	7.11E-05	8.12E-05	1.66E-03
605772	4122380	5.06E-04	5.03E-04	5.00E-04	4.44E-05	8.95E-05	1.64E-03	Residence	0.00E+00	0.00E+00	5.58E-07	6.60E-08	0.62	0.00	5.06E-04	5.03E-04	5.00E-04	7.22E-05	8.24E-05	1.66E-03

605792	4122380	5.09E-04	5.05E-04	5.01E-04	4.50E-05	9.06E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.61E-07	6.64E-08	0.63	0.00	5.09E-04	5.05E-04	5.01E-04	7.31E-05	8.34E-05	1.67E-03
605812	4122380	5.09E-04	5.05E-04	5.01E-04	4.54E-05	9.13E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.62E-07	6.64E-08	0.63	0.00	5.09E-04	5.05E-04	5.01E-04	7.37E-05	8.40E-05	1.67E-03
605832	4122380	5.13E-04	5.08E-04	5.04E-04	4.56E-05	9.18E-05	1.66E-03	Residence	0.00E+00	0.00E+00	5.65E-07	6.68E-08	0.63	0.00	5.13E-04	5.08E-04	5.04E-04	7.41E-05	8.45E-05	1.68E-03
605852	4122380	5.12E-04	5.07E-04	5.02E-04	4.56E-05	9.18E-05	1.66E-03	Residence	0.00E+00	0.00E+00	5.64E-07	6.67E-08	0.63	0.00	5.12E-04	5.07E-04	5.02E-04	7.41E-05	8.45E-05	1.68E-03
605872	4122380	5.08E-04	5.02E-04	4.97E-04	4.53E-05	9.15E-05	1.65E-03	Residence	0.00E+00	0.00E+00	5.59E-07	6.61E-08	0.63	0.00	5.08E-04	5.02E-04	4.97E-04	7.37E-05	8.42E-05	1.67E-03
605892	4122380	5.03E-04	4.97E-04	4.91E-04	4.49E-05	9.08E-05	1.63E-03	Residence	0.00E+00	0.00E+00	5.53E-07	6.54E-08	0.62	0.00	5.03E-04	4.97E-04	4.91E-04	7.29E-05	8.35E-05	1.65E-03
605912	4122380	4.95E-04	4.89E-04	4.83E-04	4.42E-05	8.97E-05	1.60E-03	Residence	0.00E+00	0.00E+00	5.44E-07	6.44E-08	0.61	0.00	4.95E-04	4.89E-04	4.83E-04	7.18E-05	8.26E-05	1.62E-03
606572	4122380	1.38E-04	1.37E-04	1.37E-04	1.05E-05	3.51E-05	4.57E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.84E-08	0.17	0.00	1.38E-04	1.37E-04	1.37E-04	1.71E-05	3.23E-05	4.61E-04
606592	4122380	1.35E-04	1.35E-04	1.34E-04	1.02E-05	3.39E-05	4.49E-04	Residence	0.00E+00	0.00E+00	1.53E-07	1.80E-08	0.17	0.00	1.35E-04	1.35E-04	1.34E-04	1.66E-05	3.12E-05	4.52E-04
606612	4122380	1.33E-04	1.33E-04	1.32E-04	9.88E-06	3.28E-05	4.41E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.77E-08	0.17	0.00	1.33E-04	1.33E-04	1.32E-04	1.61E-05	3.02E-05	4.45E-04
606632	4122380	1.32E-04	1.31E-04	1.31E-04	9.59E-06	3.17E-05	4.36E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.32E-04	1.31E-04	1.31E-04	1.56E-05	2.92E-05	4.39E-04
606652	4122380	1.30E-04	1.30E-04	1.29E-04	9.32E-06	3.07E-05	4.29E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.72E-08	0.16	0.00	1.30E-04	1.30E-04	1.29E-04	1.51E-05	2.82E-05	4.32E-04
606752	4122380	1.27E-04	1.26E-04	1.26E-04	8.09E-06	2.63E-05	4.14E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.66E-08	0.16	0.00	1.27E-04	1.26E-04	1.26E-04	1.32E-05	2.42E-05	4.17E-04
606772	4122380	1.26E-04	1.25E-04	1.24E-04	7.86E-06	2.55E-05	4.08E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.26E-04	1.25E-04	1.24E-04	1.28E-05	2.34E-05	4.11E-04
606792	4122380	1.25E-04	1.24E-04	1.23E-04	7.64E-06	2.47E-05	4.05E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.25E-04	1.24E-04	1.23E-04	1.24E-05	2.27E-05	4.08E-04
606812	4122380	1.25E-04	1.24E-04	1.23E-04	7.43E-06	2.40E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.25E-04	1.24E-04	1.23E-04	1.21E-05	2.21E-05	4.06E-04
606832	4122380	1.24E-04	1.23E-04	1.23E-04	7.22E-06	2.33E-05	4.01E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.24E-04	1.23E-04	1.23E-04	1.17E-05	2.14E-05	4.04E-04
606852	4122380	1.24E-04	1.23E-04	1.22E-04	7.01E-06	2.26E-05	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.60E-08	0.15	0.00	1.24E-04	1.23E-04	1.22E-04	1.14E-05	2.08E-05	4.01E-04
606872	4122380	1.23E-04	1.22E-04	1.21E-04	6.81E-06	2.20E-05	3.94E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.58E-08	0.15	0.00	1.23E-04	1.22E-04	1.21E-04	1.11E-05	2.02E-05	3.97E-04
606892	4122380	1.21E-04	1.20E-04	1.20E-04	6.61E-06	2.14E-05	3.89E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.57E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.07E-05	1.96E-05	3.92E-04
605632	4122400	4.56E-04	4.55E-04	4.54E-04	3.60E-05	7.31E-05	1.47E-03	Residence	0.00E+00	0.00E+00	5.01E-07	5.93E-08	0.56	0.00	4.56E-04	4.55E-04	4.54E-04	5.85E-05	6.73E-05	1.49E-03
605652	4122400	4.66E-04	4.65E-04	4.64E-04	3.71E-05	7.53E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.12E-07	6.06E-08	0.57	0.00	4.66E-04	4.65E-04	4.64E-04	6.03E-05	6.92E-05	1.52E-03
605672	4122400	4.80E-04	4.79E-04	4.77E-04	3.82E-05	7.74E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.28E-07	6.24E-08	0.59	0.00	4.80E-04	4.79E-04	4.77E-04	6.21E-05	7.12E-05	1.57E-03
605692	4122400	4.90E-04	4.88E-04	4.87E-04	3.92E-05	7.93E-05	1.58E-03	Residence	0.00E+00	0.00E+00	5.39E-07	6.37E-08	0.60	0.00	4.90E-04	4.88E-04	4.87E-04	6.37E-05	7.29E-05	1.60E-03
605712	4122400	5.00E-04	4.97E-04	4.95E-04	4.01E-05	8.10E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.48E-07	6.48E-08	0.61	0.00	5.00E-04	4.97E-04	4.95E-04	6.51E-05	7.45E-05	1.63E-03
605732	4122400	5.01E-04	4.98E-04	4.96E-04	4.08E-05	8.25E-05	1.62E-03	Residence	0.00E+00	0.00E+00	5.50E-07	6.51E-08	0.62	0.00	5.01E-04	4.98E-04	4.96E-04	6.63E-05	7.59E-05	1.64E-03
605752	4122400	4.93E-04	4.89E-04	4.87E-04	4.14E-05	8.36E-05	1.59E-03	Residence	0.00E+00	0.00E+00	5.42E-07	6.41E-08	0.61	0.00	4.93E-04	4.89E-04	4.87E-04	6.73E-05	7.69E-05	1.61E-03
605772	4122400	4.95E-04	4.90E-04	4.87E-04	4.19E-05	8.45E-05	1.60E-03	Residence	0.00E+00	0.00E+00	5.44E-07	6.43E-08	0.61	0.00	4.95E-04	4.90E-04	4.87E-04	6.81E-05	7.78E-05	1.62E-03
605792	4122400	4.97E-04	4.93E-04	4.89E-04	4.23E-05	8.52E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.46E-07	6.46E-08	0.61	0.00	4.97E-04	4.93E-04	4.89E-04	6.87E-05	7.84E-05	1.63E-03
605812	4122400	4.98E-04	4.93E-04	4.89E-04	4.25E-05	8.57E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.47E-07	6.46E-08	0.61	0.00	4.98E-04	4.93E-04	4.89E-04	6.90E-05	7.88E-05	1.63E-03
605832	4122400	4.97E-04	4.92E-04	4.87E-04	4.25E-05	8.57E-05	1.61E-03	Residence	0.00E+00	0.00E+00	5.46E-07	6.45E-08	0.61	0.00	4.97E-04	4.92E-04	4.87E-04	6.91E-05	7.89E-05	1.62E-03
605852	4122400	4.95E-04	4.89E-04	4.84E-04	4.23E-05	8.55E-05	1.60E-03	Residence	0.00E+00	0.00E+00	5.43E-07	6.41E-08	0.61	0.00	4.95E-04	4.89E-04	4.84E-04	6.88E-05	7.87E-05	1.62E-03
605872	4122400	4.87E-04	4.81E-04	4.76E-04	4.19E-05	8.49E-05	1.57E-03	Residence	0.00E+00	0.00E+00	5.34E-07	6.32E-08	0.60	0.00	4.87E-04	4.81E-04	4.76E-04	6.81E-05	7.81E-05	1.59E-03
605892	4122400	4.84E-04	4.78E-04	4.72E-04	4.14E-05	8.41E-05	1.56E-03	Residence	0.00E+00	0.00E+00	5.30E-07	6.27E-08	0.59	0.00	4.84E-04	4.78E-04	4.72E-04	6.72E-05	7.74E-05	1.58E-03
605912	4122400	4.83E-04	4.77E-04	4.71E-04	4.07E-05	8.31E-05	1.56E-03	Residence	0.00E+00	0.00E+00	5.29E-07	6.25E-08	0.59	0.00	4.83E-04	4.77E-04	4.71E-04	6.61E-05	7.65E-05	1.57E-03
605932	4122400	4.91E-04	4.85E-04	4.79E-04	3.99E-05	8.20E-05	1.58E-03	Residence	0.00E+00	0.00E+00	5.36E-07	6.34E-08	0.60	0.00	4.91E-04	4.85E-04	4.79E-04	6.48E-05	7.54E-05	1.59E-03
606512	4122400	1.45E-04	1.44E-04	1.44E-04	1.13E-05	3.73E-05	4.81E-04	Residence	0.00E+00	0.00E+00	1.64E-07	1.93E-08	0.18	0.00	1.45E-04	1.44E-04	1.44E-04	1.83E-05	3.43E-05	4.85E-04
606532	4122400	1.41E-04	1.40E-04	1.40E-04	1.08E-05	3.60E-05	4.68E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.41E-04	1.40E-04	1.40E-04	1.76E-05	3.31E-05	4.72E-04
606552	4122400	1.38E-04	1.37E-04	1.37E-04	1.04E-05	3.48E-05	4.57E-04	Residence	0.00E+00	0.00E+00	1.56E-07	1.84E-08	0.17	0.00	1.38E-04	1.37E-04	1.37E-04	1.69E-05	3.20E-05	4.61E-04
606572	4122400	1.35E-04	1.35E-04	1.34E-04	1.01E-05	3.36E-05	4.48E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.35E-04	1.35E-04	1.34E-04	1.64E-05	3.09E-05	4.52E-04
606592	4122400	1.33E-04	1.33E-04	1.32E-04	9.74E-06	3.25E-05	4.40E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.77E-08	0.17	0.00	1.33E-04	1.33E-04	1.32E-04	1.58E-05	2.99E-05	4.44E-04
606692	4122400	1.26E-04	1.26E-04	1.25E-04	8.44E-06	2.77E-05	4.13E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.66E-08	0.16	0.00	1.26E-04	1.26E-04	1.25E-04	1.37E-05	2.55E-05	4.16E-04
606712	4122400	1.25E-04	1.24E-04	1.24E-04	8.21E-06	2.69E-05	4.08E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.25E-04	1.24E-04	1.24E-04	1.33E-05	2.47E-05	4.11E-04
606732	4122400	1.24E-04	1.23E-04	1.23E-04	8.00E-06	2.61E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.24E-04	1.23E-04	1.23E-04	1.30E-05	2.40E-05	4.07E-04
606752	4122400	1.24E-04	1.23E-04	1.22E-04	7.79E-06	2.53E-05	4.02E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.24E-04	1.23E-04	1.22E-04	1.27E-05	2.33E-05	4.05E-04
606772	4122400	1.23E-04	1.22E-04	1.21E-04	7.58E-06	2.46E-05	3.98E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.23E-04	1.22E-04	1.21E-04	1.23E-05	2.26E-05	4.01E-04
606792	4122400	1.22E-04	1.21E-04	1.20E-04	7.37E-06	2.39E-05	3.94E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.58E-08	0.15	0.00	1.22E-04	1.21E-04	1.20E-04	1.20E-05	2.20E-05	3.97E-04
606812	4122400	1.22E-04	1.21E-04	1.20E-04	7.18E-06	2.32E-05	3.93E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.58E-08	0.15	0.00	1.22E-04	1.21E-04	1.20E-04	1.17E-05	2.14E-05	3.96E-04
606832	4122400	1.21E-04	1.20E-04	1.20E-04	6.98E-06	2.26E-05	3.91E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.13E-05	2.08E-05	3.93E-04
605632	4122420	4.55E-04	4.53E-04	4.52E-04	3.49E-05	7.08E-05	1.47E-03	Residence	0.00E+00	0.00E+00	4.99E-07	5.89E-08	0.56	0.00	4.55E-04	4.53E-04	4.52E-04	5.66E-05	6.51E-05	1.48E-03
605652	4122420	4.66E-04	4.64E-04	4.62E-04	3.58E-05	7.26E-05	1.50E-03	Residence	0.00E+00	0.00E+00	5.10E-07	6.03E-08	0.57	0.00	4.66E-04	4.64E-04	4.62E-04	5.82E-05	6.68E-05	1.52E-03
605672	4122420	4.75E-04	4.73E-04	4.71E-04	3.67E-05	7.43E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.20E-07	6.15E-08	0.58	0.00	4.75E-04	4.73E-04	4.71E-04	5.96E-05	6.84E-05	1.55E-03
605692	4122420	4.84E-04	4.81E-04	4.79E-04	3.75E-05	7.59E-05	1.56E-03	Residence	0.00E+00	0.00E+00	5.30E-07	6.26E-08	0.59	0.00	4.84E-04	4.81E-04	4.79E-04	6.09E-05	6.98E-05	1.57E-03
605712	4122420	4.91E-04	4.88E-04	4.86E-04	3.82E-05	7.72E-05	1.58E-03	Residence	0.00E+00	0.00E+00	5.37E-07	6.35E-08	0.60	0.00	4.91E-04	4.88E-04	4.86E-04	6.20E-05	7.10E-05	1.60E-03
605732	4122420	4.93E-04	4.89E-04	4.87E-04	3.87E-05	7.84E-05	1.59E-03	Residence	0.00E+00	0.00E+00	5.39E-07	6.37E-08	0.60	0.00	4.93E-04	4.89E-04	4.87E-04	6.30E-05	7.21E-05	1.60E-03
605752	4122420	4.82E-04	4.78E-04	4.75E-04	3.91E-05	7.91E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.28E-07	6.24E-08	0.59	0.00	4.82E-04	4.78E-04	4.75E-04	6.36E-05	7.28E-05	1.57E-03
605772	4122420	4.82E-04	4.78E-04	4.74E-04	3.95E-05	7.97E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.28E-07	6.24E-08	0.59	0.00	4.82E-04	4.78E-04	4.74E-04	6.41E-05	7.33E-05	1.57E-03
605792	4122420	4.83E-04	4.78E-04	4.75E-04	3.97E-05	8.01E-05	1.56E-03	Residence	0.00E+00	0.00E+00	5.29E-07	6.25E-08	0.59	0.00	4.83E-04	4.78E-04	4.75E-04	6.45E-05	7.37E-05	1.57E-03
605812	4122420	4.83E-04	4.78E-04	4.74E-04	3.97E-05	8.03E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.29E-07	6.25E-08	0.59	0.00	4.83E-04	4.78E-04	4.74E-04	6.46E-05	7.38E-05	1.57E-03
605832	4122420	4.82E-04	4.77E-04	4.72E-04	3.96E-05	8.01E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.27E-07	6.24E-08	0.59	0.00	4.82E-04	4.77E-04	4.72E-04	6.44E-05	7.37E-05	1.57E-03
605852	4122420	4.80E-04	4.74E-04	4.70E-04	3.93E-05	7.97E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.20E-08	0.59	0.00	4.80E-04	4.74E-04	4.70E-04	6.39E-05	7.33E-05	1.56E-03
605872	4122420	4.81E-04	4.75E-04	4.70E-04	3.89E-05	7.91E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.21E-08	0.59	0.00	4.81E-04	4.75E-04	4.70E-04	6.33E-05	7.28E-05	1.56E-03
605892	4122420	4.80E-04	4.74E-04	4.69E-04	3.83E-05	7.82E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.23E-07	6.19E-08	0.59	0.00	4.80E-04	4.74E-04	4.69E-04	6.23E-05	7.20E-05	1.56E-03
605912	4122420	4.81E-04	4.75E-04	4.69E-04	3.76E-05	7.72E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.24E-07	6.19E-08	0.59	0.00	4.81E-04	4.75E-04	4.69E-04	6.11E-05	7.10E-05	1.56E-03
606452	4122420	1.58E-04	1.58E-04	1.57E-04	1.24E-05	3.95E-05	5.25E-04	Residence	0.00E+00	0.00E+00	1.79E-07	2.11E-08	0.20	0.00	1.58E-04	1.58E-04	1.57E-04	2.01E-05	3.64E-05	5.30E-04
606472	4122420	1.52E-04	1.52E-04	1.51E-04	1.18E-05	3.82E-05	5.05E-04	Residence	0.00E+00	0.00E+00	1.72E-07	2.03E-08	0.19	0.00	1.52E-04	1.52E-04	1.51E-04	1.92E-05	3.51E-05	5.09E-04
606492	4122420	1.47E-04	1.46E-04	1.46E-04	1.13E-05	3.69E-05	4.87E-04	Residence	0.00E+00	0.00E+00	1.66E-07	1.96E-08	0.19	0.00	1.47E-04	1.46E-04	1.46E-04	1.83E-05	3.39E-05	4.92E-04
606512	4122420	1.43E-04	1.42E-04	1.42E-04	1.08E-05	3.56E-05	4.73E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.90E-08	0.18	0.00	1.43E-04	1.42E-04	1.42E-04	1.76E-05	3.28E-05	4.77E-04
606532	4122420	1.41E-04	1.40E-04	1.40E-04	1.04E-05	3.44E-05	4.66E-04	Residence	0.00E+00	0.00E+00	1.58E-07	1.87E-08	0.18	0.00	1.41E-04	1.40E-04	1.40E-04	1.69E-05	3.17E-05	4.70E-04
606552	4122420	1.37E-04	1.36E-04	1.36E-04	9.99E-06	3.33E-05	4.52E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.37E-04	1.36E-04	1.36E-04	1.62E-05	3.06E-05	4.55E-04
606632	4122420	1.28E-04	1.27E-04	1.27E-04	8.77E-06	2.92E-05	4.20E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	1.28E-04	1.27E-04	1.27E-04	1.43E-05	2.69E-05	4.23E-04
606652	4122420	1.26E-04	1.25E-04	1.25E-04	8.53E-06	2.83E-05	4.12E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.66E-08	0.16	0.00	1.26E-04	1.25E-04	1.25E-04	1.39E-05	2.61E-05	4.15E-04
606672	4122420	1.25E-04	1.25E-04	1.24E-04	8.31E-06	2.75E-05	4.10E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.65E-08	0.16	0.00	1.25E-04	1.25E-04	1.24E-04	1.35E-05	2.53E-05	4.13E-04
606692	4122420	1.23E-04	1.23E-04	1.22E-04	8.09E-06	2.67E-05	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.31E-05	2.45E-05	4.05E-04
606712	4122420	1.23E-04	1.22E-04	1.21E-04	7.89E-06	2.59E-05	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.23E-04	1.22E-04	1.21E-04	1.28E-05	2.38E-05	4.02E-04
606732	4122420	1.22E-04	1.21E-04	1.20E-04	7.69E-06	2.52E-05	3.95E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.59E-08	0.15	0.00	1.22E-04	1.21E-04	1.20E-04	1.25E-05	2.32E-05	3.98E-04
606752	4122420	1.21E-04	1.20E-04	1.19E-04	7.49E-06	2.45E-05	3.91E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.21E-04	1.20E-04	1.19E-04	1.22E-05	2.25E-05	3.94E-04
606772	4122420	1.20E-04	1.19E-04	1.18E-04	7.30E-06	2.38E-05	3.88E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.20E-04	1.19E-04	1.18E-04	1.19E-05	2.19E-05	3.91E-04
606852	4122420	1.18E-04	1.17E-04	1.17E-04	6.58E-06	2.13E-05	3.80E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.53E-08	0.14	0.00	1.18E-04	1.17E-04	1.17E-04	1.07E-05	1.96E-05	3.82E-04
606872	4122420	1.17E-04	1.16E-04	1.15E-04	6.41E-06	2.07E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.17E-04	1.16E-04	1.15E-04	1.04E-05	1.91E-05	3.78E-04
606892	4122420	1.16E-04	1.15E-04	1.15E-04	6.24E-06	2.02E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.16E-04	1.15E-04	1.15E-04	1.01E-05	1.85E-05	3.75E-04
606912	4122420	1.16E-04	1.15E-04	1.15E-04	6.07E-06	1.96E-05	3.71E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.16E-04	1.15E-04	1.15E-04	9.87E-06	1.81E-05	3.74E-04
605632	4122440	4.52E-04	4.50E-04	4.48E-04	3.36E-05	6.83E-05	1.45E-03	Residence	0.00E+00	0.00E+00	4.94E-07	5.84E-08	0.55	0.00	4.52E-04	4.50E-04	4.48E-04	5.47E-05	6.28E-05	1.47E-03

605652	4122440	4.61E-04	4.58E-04	4.57E-04	3.44E-05	6.98E-05	1.48E-03	Residence	0.00E+00	0.00E+00	5.03E-07	5.95E-08	0.56	0.00	4.61E-04	4.58E-04	4.57E-04	5.59E-05	6.42E-05	1.50E-03
605672	4122440	4.68E-04	4.66E-04	4.64E-04	3.51E-05	7.12E-05	1.50E-03	Residence	0.00E+00	0.00E+00	5.12E-07	6.05E-08	0.57	0.00	4.68E-04	4.66E-04	4.64E-04	5.71E-05	6.55E-05	1.52E-03
605692	4122440	4.75E-04	4.72E-04	4.70E-04	3.57E-05	7.24E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.19E-07	6.13E-08	0.58	0.00	4.75E-04	4.72E-04	4.70E-04	5.81E-05	6.66E-05	1.54E-03
605712	4122440	4.82E-04	4.78E-04	4.75E-04	3.63E-05	7.35E-05	1.55E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.21E-08	0.59	0.00	4.82E-04	4.78E-04	4.75E-04	5.90E-05	6.76E-05	1.56E-03
605732	4122440	4.81E-04	4.78E-04	4.75E-04	3.67E-05	7.43E-05	1.54E-03	Residence	0.00E+00	0.00E+00	5.25E-07	6.21E-08	0.59	0.00	4.81E-04	4.78E-04	4.75E-04	5.97E-05	6.84E-05	1.56E-03
605752	4122440	4.76E-04	4.72E-04	4.68E-04	3.70E-05	7.49E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.19E-07	6.14E-08	0.58	0.00	4.76E-04	4.72E-04	4.68E-04	6.01E-05	6.89E-05	1.54E-03
605772	4122440	4.76E-04	4.72E-04	4.68E-04	3.72E-05	7.53E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.19E-07	6.14E-08	0.58	0.00	4.76E-04	4.72E-04	4.68E-04	6.05E-05	6.92E-05	1.55E-03
605792	4122440	4.77E-04	4.72E-04	4.68E-04	3.73E-05	7.54E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.20E-07	6.15E-08	0.58	0.00	4.77E-04	4.72E-04	4.68E-04	6.06E-05	6.94E-05	1.55E-03
605812	4122440	4.78E-04	4.73E-04	4.68E-04	3.72E-05	7.54E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.21E-07	6.16E-08	0.58	0.00	4.78E-04	4.73E-04	4.68E-04	6.05E-05	6.93E-05	1.55E-03
605832	4122440	4.78E-04	4.72E-04	4.68E-04	3.70E-05	7.51E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.20E-07	6.15E-08	0.58	0.00	4.78E-04	4.72E-04	4.68E-04	6.01E-05	6.91E-05	1.55E-03
605852	4122440	4.78E-04	4.72E-04	4.67E-04	3.67E-05	7.45E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.20E-07	6.14E-08	0.58	0.00	4.78E-04	4.72E-04	4.67E-04	5.96E-05	6.86E-05	1.55E-03
605872	4122440	4.80E-04	4.74E-04	4.69E-04	3.62E-05	7.38E-05	1.53E-03	Residence	0.00E+00	0.00E+00	5.21E-07	6.16E-08	0.58	0.00	4.80E-04	4.74E-04	4.69E-04	5.88E-05	6.79E-05	1.55E-03
605892	4122440	4.73E-04	4.67E-04	4.62E-04	3.55E-05	7.28E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.13E-07	6.07E-08	0.57	0.00	4.73E-04	4.67E-04	4.62E-04	5.77E-05	6.70E-05	1.53E-03
606452	4122440	1.55E-04	1.55E-04	1.54E-04	1.18E-05	3.76E-05	5.14E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.06E-08	0.20	0.00	1.55E-04	1.55E-04	1.54E-04	1.92E-05	3.46E-05	5.18E-04
606472	4122440	1.50E-04	1.50E-04	1.49E-04	1.13E-05	3.64E-05	4.97E-04	Residence	0.00E+00	0.00E+00	1.69E-07	2.00E-08	0.19	0.00	1.50E-04	1.50E-04	1.49E-04	1.84E-05	3.35E-05	5.01E-04
606492	4122440	1.46E-04	1.46E-04	1.45E-04	1.08E-05	3.52E-05	4.83E-04	Residence	0.00E+00	0.00E+00	1.64E-07	1.94E-08	0.18	0.00	1.46E-04	1.46E-04	1.45E-04	1.76E-05	3.24E-05	4.87E-04
606552	4122440	1.35E-04	1.35E-04	1.34E-04	9.58E-06	3.19E-05	4.46E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.79E-08	0.17	0.00	1.35E-04	1.35E-04	1.34E-04	1.56E-05	2.94E-05	4.50E-04
606612	4122440	1.27E-04	1.26E-04	1.26E-04	8.66E-06	2.90E-05	4.16E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.67E-08	0.16	0.00	1.27E-04	1.26E-04	1.26E-04	1.41E-05	2.67E-05	4.19E-04
606632	4122440	1.25E-04	1.25E-04	1.24E-04	8.41E-06	2.81E-05	4.11E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.25E-04	1.25E-04	1.24E-04	1.37E-05	2.59E-05	4.14E-04
606652	4122440	1.24E-04	1.23E-04	1.23E-04	8.18E-06	2.73E-05	4.05E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.24E-04	1.23E-04	1.23E-04	1.33E-05	2.51E-05	4.08E-04
606672	4122440	1.23E-04	1.23E-04	1.22E-04	7.97E-06	2.65E-05	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.30E-05	2.44E-05	4.06E-04
606692	4122440	1.21E-04	1.20E-04	1.20E-04	7.77E-06	2.57E-05	3.94E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.59E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.26E-05	2.37E-05	3.97E-04
606712	4122440	1.20E-04	1.19E-04	1.18E-04	7.57E-06	2.50E-05	3.90E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.20E-04	1.19E-04	1.18E-04	1.23E-05	2.30E-05	3.92E-04
606732	4122440	1.19E-04	1.18E-04	1.18E-04	7.39E-06	2.43E-05	3.86E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.19E-04	1.18E-04	1.18E-04	1.20E-05	2.23E-05	3.89E-04
606812	4122440	1.17E-04	1.16E-04	1.15E-04	6.70E-06	2.18E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.17E-04	1.16E-04	1.15E-04	1.09E-05	2.00E-05	3.78E-04
606832	4122440	1.16E-04	1.15E-04	1.14E-04	6.53E-06	2.12E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.16E-04	1.15E-04	1.14E-04	1.06E-05	1.95E-05	3.75E-04
606852	4122440	1.15E-04	1.14E-04	1.14E-04	6.37E-06	2.06E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.15E-04	1.14E-04	1.14E-04	1.03E-05	1.90E-05	3.72E-04
606872	4122440	1.15E-04	1.14E-04	1.13E-04	6.21E-06	2.01E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	1.15E-04	1.14E-04	1.13E-04	1.01E-05	1.85E-05	3.70E-04
606892	4122440	1.14E-04	1.13E-04	1.12E-04	6.05E-06	1.96E-05	3.64E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	1.14E-04	1.13E-04	1.12E-04	9.84E-06	1.80E-05	3.66E-04
606912	4122440	1.14E-04	1.13E-04	1.12E-04	5.90E-06	1.91E-05	3.63E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	1.14E-04	1.13E-04	1.12E-04	9.59E-06	1.76E-05	3.66E-04
605632	4122460	4.46E-04	4.44E-04	4.42E-04	3.24E-05	6.58E-05	1.43E-03	Residence	0.00E+00	0.00E+00	4.87E-07	5.75E-08	0.54	0.00	4.46E-04	4.44E-04	4.42E-04	5.26E-05	6.05E-05	1.45E-03
605652	4122460	4.54E-04	4.51E-04	4.49E-04	3.30E-05	6.70E-05	1.45E-03	Residence	0.00E+00	0.00E+00	4.95E-07	5.85E-08	0.55	0.00	4.54E-04	4.51E-04	4.49E-04	5.36E-05	6.17E-05	1.47E-03
605672	4122460	4.61E-04	4.58E-04	4.55E-04	3.36E-05	6.81E-05	1.48E-03	Residence	0.00E+00	0.00E+00	5.02E-07	5.93E-08	0.56	0.00	4.61E-04	4.58E-04	4.55E-04	5.45E-05	6.27E-05	1.49E-03
605692	4122460	4.66E-04	4.63E-04	4.60E-04	3.41E-05	6.91E-05	1.49E-03	Residence	0.00E+00	0.00E+00	5.08E-07	6.00E-08	0.57	0.00	4.66E-04	4.63E-04	4.60E-04	5.53E-05	6.36E-05	1.51E-03
605712	4122460	4.71E-04	4.67E-04	4.64E-04	3.45E-05	6.99E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.12E-07	6.06E-08	0.57	0.00	4.71E-04	4.67E-04	4.64E-04	5.60E-05	6.43E-05	1.52E-03
605732	4122460	4.72E-04	4.68E-04	4.65E-04	3.48E-05	7.05E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.13E-07	6.07E-08	0.57	0.00	4.72E-04	4.68E-04	4.65E-04	5.65E-05	6.48E-05	1.53E-03
605752	4122460	4.73E-04	4.69E-04	4.66E-04	3.50E-05	7.08E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.15E-07	6.09E-08	0.58	0.00	4.73E-04	4.69E-04	4.66E-04	5.68E-05	6.52E-05	1.53E-03
605772	4122460	4.75E-04	4.70E-04	4.67E-04	3.51E-05	7.10E-05	1.52E-03	Residence	0.00E+00	0.00E+00	5.16E-07	6.10E-08	0.58	0.00	4.75E-04	4.70E-04	4.67E-04	5.70E-05	6.53E-05	1.53E-03
605792	4122460	4.75E-04	4.70E-04	4.66E-04	3.50E-05	7.10E-05	1.52E-03	Residence	0.00E+00	0.00E+00	5.16E-07	6.10E-08	0.58	0.00	4.75E-04	4.70E-04	4.66E-04	5.69E-05	6.53E-05	1.53E-03
605812	4122460	4.74E-04	4.69E-04	4.64E-04	3.49E-05	7.07E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.14E-07	6.08E-08	0.58	0.00	4.74E-04	4.69E-04	4.64E-04	5.66E-05	6.51E-05	1.53E-03
605832	4122460	4.72E-04	4.67E-04	4.62E-04	3.46E-05	7.03E-05	1.51E-03	Residence	0.00E+00	0.00E+00	5.12E-07	6.05E-08	0.57	0.00	4.72E-04	4.67E-04	4.62E-04	5.62E-05	6.47E-05	1.52E-03
606392	4122460	1.77E-04	1.76E-04	1.75E-04	1.30E-05	3.95E-05	5.80E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.77E-04	1.76E-04	1.75E-04	2.11E-05	3.63E-05	5.85E-04
606412	4122460	1.69E-04	1.68E-04	1.67E-04	1.24E-05	3.83E-05	5.55E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.23E-08	0.21	0.00	1.69E-04	1.68E-04	1.67E-04	2.02E-05	3.52E-05	5.59E-04
606432	4122460	1.61E-04	1.61E-04	1.60E-04	1.19E-05	3.71E-05	5.30E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.13E-08	0.20	0.00	1.61E-04	1.61E-04	1.60E-04	1.93E-05	3.41E-05	5.35E-04
606552	4122460	1.32E-04	1.32E-04	1.31E-04	9.20E-06	3.06E-05	4.35E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.32E-04	1.32E-04	1.31E-04	1.50E-05	2.81E-05	4.38E-04
606572	4122460	1.29E-04	1.29E-04	1.29E-04	8.88E-06	2.96E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.29E-04	1.29E-04	1.29E-04	1.44E-05	2.73E-05	4.29E-04
606592	4122460	1.26E-04	1.26E-04	1.26E-04	8.58E-06	2.87E-05	4.15E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.67E-08	0.16	0.00	1.26E-04	1.26E-04	1.26E-04	1.39E-05	2.64E-05	4.18E-04
606612	4122460	1.24E-04	1.24E-04	1.23E-04	8.31E-06	2.79E-05	4.07E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.64E-08	0.15	0.00	1.24E-04	1.24E-04	1.23E-04	1.35E-05	2.56E-05	4.10E-04
606632	4122460	1.23E-04	1.22E-04	1.22E-04	8.07E-06	2.70E-05	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.23E-04	1.22E-04	1.22E-04	1.31E-05	2.49E-05	4.05E-04
606652	4122460	1.22E-04	1.21E-04	1.21E-04	7.85E-06	2.63E-05	3.98E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.22E-04	1.21E-04	1.21E-04	1.28E-05	2.42E-05	4.01E-04
606672	4122460	1.21E-04	1.20E-04	1.20E-04	7.65E-06	2.55E-05	3.94E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.58E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.24E-05	2.35E-05	3.97E-04
606752	4122460	1.16E-04	1.16E-04	1.15E-04	6.94E-06	2.28E-05	3.77E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	1.13E-05	2.10E-05	3.80E-04
606772	4122460	1.15E-04	1.14E-04	1.14E-04	6.78E-06	2.22E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.15E-04	1.14E-04	1.14E-04	1.10E-05	2.04E-05	3.75E-04
606792	4122460	1.15E-04	1.14E-04	1.13E-04	6.62E-06	2.16E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.15E-04	1.14E-04	1.13E-04	1.08E-05	1.99E-05	3.72E-04
606812	4122460	1.13E-04	1.13E-04	1.12E-04	6.47E-06	2.11E-05	3.65E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	1.05E-05	1.94E-05	3.68E-04
606832	4122460	1.13E-04	1.12E-04	1.12E-04	6.31E-06	2.05E-05	3.64E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	1.13E-04	1.12E-04	1.12E-04	1.03E-05	1.89E-05	3.66E-04
606852	4122460	1.12E-04	1.11E-04	1.11E-04	6.16E-06	2.00E-05	3.61E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.45E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	1.00E-05	1.84E-05	3.63E-04
606872	4122460	1.12E-04	1.11E-04	1.10E-04	6.02E-06	1.95E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.12E-04	1.11E-04	1.10E-04	9.78E-06	1.80E-05	3.61E-04
606892	4122460	1.11E-04	1.10E-04	1.09E-04	5.87E-06	1.90E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.13	0.00	1.11E-04	1.10E-04	1.09E-04	9.54E-06	1.75E-05	3.57E-04
606912	4122460	1.11E-04	1.10E-04	1.09E-04	5.73E-06	1.86E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.13	0.00	1.11E-04	1.10E-04	1.09E-04	9.31E-06	1.71E-05	3.57E-04
606332	4122480	2.01E-04	2.00E-04	1.98E-04	1.43E-05	4.10E-05	6.54E-04	Residence	0.00E+00	0.00E+00	2.22E-07	2.63E-08	0.25	0.00	2.01E-04	2.00E-04	1.98E-04	2.32E-05	3.77E-05	6.59E-04
606352	4122480	1.89E-04	1.88E-04	1.87E-04	1.36E-05	3.98E-05	6.19E-04	Residence	0.00E+00	0.00E+00	2.10E-07	2.49E-08	0.24	0.00	1.89E-04	1.88E-04	1.87E-04	2.21E-05	3.66E-05	6.24E-04
606372	4122480	1.81E-04	1.80E-04	1.79E-04	1.30E-05	3.87E-05	5.92E-04	Residence	0.00E+00	0.00E+00	2.01E-07	2.38E-08	0.23	0.00	1.81E-04	1.80E-04	1.79E-04	2.11E-05	3.56E-05	5.97E-04
606392	4122480	1.73E-04	1.73E-04	1.72E-04	1.24E-05	3.76E-05	5.68E-04	Residence	0.00E+00	0.00E+00	1.93E-07	2.28E-08	0.22	0.00	1.73E-04	1.73E-04	1.72E-04	2.02E-05	3.45E-05	5.73E-04
606412	4122480	1.66E-04	1.66E-04	1.65E-04	1.19E-05	3.65E-05	5.46E-04	Residence	0.00E+00	0.00E+00	1.86E-07	2.19E-08	0.21	0.00	1.66E-04	1.66E-04	1.65E-04	1.93E-05	3.35E-05	5.50E-04
606432	4122480	1.60E-04	1.59E-04	1.59E-04	1.14E-05	3.54E-05	5.25E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.11E-08	0.20	0.00	1.60E-04	1.59E-04	1.59E-04	1.85E-05	3.25E-05	5.29E-04
606452	4122480	1.52E-04	1.52E-04	1.51E-04	1.09E-05	3.43E-05	5.00E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.52E-04	1.52E-04	1.51E-04	1.77E-05	3.16E-05	5.04E-04
606472	4122480	1.45E-04	1.45E-04	1.44E-04	1.04E-05	3.32E-05	4.78E-04	Residence	0.00E+00	0.00E+00	1.63E-07	1.92E-08	0.18	0.00	1.45E-04	1.45E-04	1.44E-04	1.69E-05	3.06E-05	4.82E-04
606512	4122480	1.36E-04	1.36E-04	1.35E-04	9.57E-06	3.12E-05	4.48E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.36E-04	1.36E-04	1.35E-04	1.56E-05	2.87E-05	4.51E-04
606532	4122480	1.33E-04	1.32E-04	1.32E-04	9.20E-06	3.03E-05	4.36E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.33E-04	1.32E-04	1.32E-04	1.50E-05	2.79E-05	4.39E-04
606552	4122480	1.30E-04	1.30E-04	1.29E-04	8.86E-06	2.94E-05	4.27E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.72E-08	0.16	0.00	1.30E-04	1.30E-04	1.29E-04	1.44E-05	2.70E-05	4.30E-04
606572	4122480	1.27E-04	1.27E-04	1.27E-04	8.54E-06	2.85E-05	4.18E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.27E-04	1.27E-04	1.27E-04	1.39E-05	2.62E-05	4.21E-04
606592	4122480	1.25E-04	1.24E-04	1.24E-04	8.26E-06	2.76E-05	4.08E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.25E-04	1.24E-04	1.24E-04	1.34E-05	2.54E-05	4.11E-04
606612	4122480	1.23E-04	1.23E-04	1.22E-04	8.00E-06	2.68E-05	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.30E-05	2.47E-05	4.06E-04
606672	4122480	1.19E-04	1.18E-04	1.18E-04	7.36E-06	2.46E-05	3.87E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.19E-04	1.18E-04	1.18E-04	1.20E-05	2.26E-05	3.90E-04
606692	4122480	1.17E-04	1.16E-04	1.16E-04	7.17E-06	2.39E-05	3.81E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.53E-08	0.14	0.00	1.17E-04	1.16E-04	1.16E-04	1.17E-05	2.20E-05	3.83E-04
606712	4122480	1.16E-04	1.16E-04	1.15E-04	7.00E-06	2.33E-05	3.77E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	1.14E-05	2.14E-05	3.80E-04
606732	4122480	1.14E-04	1.13E-04	1.13E-04	6.84E-06	2.27E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.14E-04	1.13E-04	1.13E-04	1.11E-05	2.08E-05	3.72E-04
606752	4122480	1.13E-04	1.13E-04	1.12E-04	6.69E-06	2.21E-05	3.67E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.47E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	1.09E-05	2.03E-05	3.69E-04
606772	4122480	1.12E-04	1.11E-04	1.11E-04	6.53E-06	2.15E-05	3.62E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.45E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	1.06E-05	1.98E-05	3.64E-04
606792	4122480	1.11E-04	1.10E-04	1.10E-04	6.39E-06	2.09E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.11E-04	1.10E-04	1.10E-04	1.04E-05	1.93E-05	3.61E-04
606812	4122480	1.10E-04	1.10E-04	1.09E-04	6.24E-06	2.04E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.10E-04	1.10E-04	1.09E-04	1.01E-05	1.88E-05	3.58E-04
606832	4122480	1.10E-04	1.10E-04	1.09E-04	6.11E-06	1.99E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.10E-04	1.10E-04	1.09E-04	9.92E-06	1.83E-05	3.58E-04

606852	4122480	1.10E-04	1.09E-04	1.08E-04	5.97E-06	1.94E-05	3.52E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.41E-08	0.13	0.00	1.10E-04	1.09E-04	1.08E-04	9.70E-06	1.79E-05	3.54E-04
606872	4122480	1.09E-04	1.08E-04	1.08E-04	5.83E-06	1.89E-05	3.50E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	1.09E-04	1.08E-04	1.08E-04	9.48E-06	1.74E-05	3.52E-04
606892	4122480	1.08E-04	1.08E-04	1.07E-04	5.70E-06	1.85E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	9.26E-06	1.70E-05	3.49E-04
606912	4122480	1.08E-04	1.07E-04	1.07E-04	5.57E-06	1.80E-05	3.46E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.07E-04	1.07E-04	9.04E-06	1.66E-05	3.48E-04
606332	4122500	1.94E-04	1.93E-04	1.92E-04	1.36E-05	3.89E-05	6.31E-04	Residence	0.00E+00	0.00E+00	2.15E-07	2.54E-08	0.24	0.00	1.94E-04	1.93E-04	1.92E-04	2.20E-05	3.57E-05	6.37E-04
606372	4122500	1.77E-04	1.77E-04	1.76E-04	1.24E-05	3.68E-05	5.79E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.77E-04	1.77E-04	1.76E-04	2.01E-05	3.38E-05	5.84E-04
606392	4122500	1.71E-04	1.70E-04	1.69E-04	1.19E-05	3.58E-05	5.58E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.24E-08	0.21	0.00	1.71E-04	1.70E-04	1.69E-04	1.93E-05	3.29E-05	5.63E-04
606412	4122500	1.64E-04	1.64E-04	1.63E-04	1.14E-05	3.48E-05	5.37E-04	Residence	0.00E+00	0.00E+00	1.83E-07	2.16E-08	0.20	0.00	1.64E-04	1.64E-04	1.63E-04	1.85E-05	3.20E-05	5.41E-04
606432	4122500	1.58E-04	1.58E-04	1.57E-04	1.09E-05	3.38E-05	5.18E-04	Residence	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.58E-04	1.58E-04	1.57E-04	1.77E-05	3.11E-05	5.22E-04
606472	4122500	1.44E-04	1.43E-04	1.43E-04	1.00E-05	3.18E-05	4.72E-04	Residence	0.00E+00	0.00E+00	1.60E-07	1.90E-08	0.18	0.00	1.44E-04	1.43E-04	1.43E-04	1.63E-05	2.93E-05	4.75E-04
606492	4122500	1.39E-04	1.38E-04	1.38E-04	9.60E-06	3.09E-05	4.55E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.83E-08	0.17	0.00	1.39E-04	1.38E-04	1.38E-04	1.56E-05	2.84E-05	4.59E-04
606512	4122500	1.36E-04	1.35E-04	1.35E-04	9.22E-06	3.00E-05	4.45E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.79E-08	0.17	0.00	1.36E-04	1.35E-04	1.35E-04	1.50E-05	2.76E-05	4.48E-04
606532	4122500	1.33E-04	1.33E-04	1.32E-04	8.87E-06	2.91E-05	4.36E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.33E-04	1.33E-04	1.32E-04	1.44E-05	2.68E-05	4.39E-04
606632	4122500	1.20E-04	1.20E-04	1.19E-04	7.48E-06	2.51E-05	3.92E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.20E-04	1.20E-04	1.19E-04	1.22E-05	2.31E-05	3.94E-04
606652	4122500	1.18E-04	1.18E-04	1.17E-04	7.27E-06	2.44E-05	3.84E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.18E-04	1.18E-04	1.17E-04	1.18E-05	2.25E-05	3.87E-04
606672	4122500	1.16E-04	1.16E-04	1.15E-04	7.08E-06	2.37E-05	3.78E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	1.15E-05	2.18E-05	3.80E-04
606692	4122500	1.15E-04	1.14E-04	1.14E-04	6.91E-06	2.31E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.15E-04	1.14E-04	1.14E-04	1.12E-05	2.13E-05	3.75E-04
606712	4122500	1.13E-04	1.13E-04	1.12E-04	6.74E-06	2.25E-05	3.67E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	1.10E-05	2.07E-05	3.69E-04
606732	4122500	1.12E-04	1.11E-04	1.11E-04	6.59E-06	2.19E-05	3.63E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.46E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	1.07E-05	2.02E-05	3.65E-04
606752	4122500	1.10E-04	1.10E-04	1.09E-04	6.44E-06	2.13E-05	3.57E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.10E-04	1.10E-04	1.09E-04	1.05E-05	1.96E-05	3.60E-04
606772	4122500	1.10E-04	1.09E-04	1.09E-04	6.30E-06	2.08E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.13	0.00	1.10E-04	1.09E-04	1.09E-04	1.02E-05	1.91E-05	3.57E-04
606792	4122500	1.10E-04	1.09E-04	1.08E-04	6.17E-06	2.03E-05	3.53E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.10E-04	1.09E-04	1.08E-04	1.00E-05	1.87E-05	3.56E-04
606812	4122500	1.08E-04	1.08E-04	1.07E-04	6.03E-06	1.98E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	9.80E-06	1.82E-05	3.51E-04
606832	4122500	1.08E-04	1.07E-04	1.07E-04	5.90E-06	1.93E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.07E-04	1.07E-04	9.59E-06	1.78E-05	3.49E-04
606852	4122500	1.08E-04	1.07E-04	1.06E-04	5.78E-06	1.89E-05	3.46E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.07E-04	1.06E-04	9.39E-06	1.73E-05	3.48E-04
606872	4122500	1.07E-04	1.06E-04	1.05E-04	5.65E-06	1.84E-05	3.42E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.07E-04	1.06E-04	1.05E-04	9.18E-06	1.69E-05	3.44E-04
606892	4122500	1.06E-04	1.05E-04	1.04E-04	5.52E-06	1.80E-05	3.38E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.06E-04	1.05E-04	1.04E-04	8.98E-06	1.65E-05	3.41E-04
606912	4122500	1.06E-04	1.05E-04	1.04E-04	5.40E-06	1.75E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.06E-04	1.05E-04	1.04E-04	8.78E-06	1.61E-05	3.39E-04
606272	4122520	2.17E-04	2.16E-04	2.14E-04	1.48E-05	3.98E-05	7.02E-04	Residence	0.00E+00	0.00E+00	2.39E-07	2.82E-08	0.27	0.00	2.17E-04	2.16E-04	2.14E-04	2.41E-05	3.67E-05	7.08E-04
606292	4122520	2.06E-04	2.05E-04	2.04E-04	1.42E-05	3.89E-05	6.68E-04	Residence	0.00E+00	0.00E+00	2.27E-07	2.68E-08	0.25	0.00	2.06E-04	2.05E-04	2.04E-04	2.30E-05	3.57E-05	6.74E-04
606392	4122520	1.68E-04	1.67E-04	1.66E-04	1.13E-05	3.41E-05	5.46E-04	Residence	0.00E+00	0.00E+00	1.86E-07	2.20E-08	0.21	0.00	1.68E-04	1.67E-04	1.66E-04	1.84E-05	3.14E-05	5.51E-04
606412	4122520	1.61E-04	1.61E-04	1.60E-04	1.09E-05	3.32E-05	5.27E-04	Residence	0.00E+00	0.00E+00	1.79E-07	2.12E-08	0.20	0.00	1.61E-04	1.61E-04	1.60E-04	1.77E-05	3.05E-05	5.31E-04
606432	4122520	1.56E-04	1.55E-04	1.54E-04	1.04E-05	3.23E-05	5.08E-04	Residence	0.00E+00	0.00E+00	1.73E-07	2.04E-08	0.19	0.00	1.56E-04	1.55E-04	1.54E-04	1.70E-05	2.97E-05	5.12E-04
606472	4122520	1.43E-04	1.43E-04	1.42E-04	9.62E-06	3.05E-05	4.68E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.43E-04	1.43E-04	1.42E-04	1.56E-05	2.81E-05	4.72E-04
606552	4122520	1.29E-04	1.28E-04	1.28E-04	8.24E-06	2.72E-05	4.20E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	1.29E-04	1.28E-04	1.28E-04	1.34E-05	2.50E-05	4.23E-04
606572	4122520	1.26E-04	1.25E-04	1.25E-04	7.95E-06	2.64E-05	4.10E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.65E-08	0.16	0.00	1.26E-04	1.25E-04	1.25E-04	1.29E-05	2.43E-05	4.13E-04
606592	4122520	1.23E-04	1.23E-04	1.22E-04	7.68E-06	2.56E-05	4.01E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.25E-05	2.36E-05	4.04E-04
606612	4122520	1.21E-04	1.20E-04	1.20E-04	7.44E-06	2.49E-05	3.93E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.58E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.21E-05	2.29E-05	3.96E-04
606632	4122520	1.19E-04	1.18E-04	1.18E-04	7.21E-06	2.42E-05	3.86E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.19E-04	1.18E-04	1.18E-04	1.17E-05	2.23E-05	3.89E-04
606652	4122520	1.17E-04	1.16E-04	1.16E-04	7.01E-06	2.36E-05	3.79E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.52E-08	0.14	0.00	1.17E-04	1.16E-04	1.16E-04	1.14E-05	2.17E-05	3.82E-04
606672	4122520	1.14E-04	1.13E-04	1.13E-04	6.82E-06	2.29E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.14E-04	1.13E-04	1.13E-04	1.11E-05	2.11E-05	3.72E-04
606692	4122520	1.12E-04	1.11E-04	1.11E-04	6.65E-06	2.23E-05	3.63E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.46E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	1.08E-05	2.05E-05	3.66E-04
606712	4122520	1.11E-04	1.10E-04	1.10E-04	6.50E-06	2.17E-05	3.60E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.45E-08	0.14	0.00	1.11E-04	1.10E-04	1.10E-04	1.06E-05	2.00E-05	3.62E-04
606732	4122520	1.11E-04	1.10E-04	1.10E-04	6.35E-06	2.12E-05	3.58E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.11E-04	1.10E-04	1.10E-04	1.03E-05	1.95E-05	3.60E-04
606752	4122520	1.09E-04	1.08E-04	1.08E-04	6.21E-06	2.07E-05	3.52E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.41E-08	0.13	0.00	1.09E-04	1.08E-04	1.08E-04	1.01E-05	1.90E-05	3.54E-04
606772	4122520	1.08E-04	1.08E-04	1.07E-04	6.08E-06	2.02E-05	3.50E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	9.89E-06	1.85E-05	3.52E-04
606792	4122520	1.08E-04	1.07E-04	1.07E-04	5.96E-06	1.97E-05	3.48E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.40E-08	0.13	0.00	1.08E-04	1.07E-04	1.07E-04	9.68E-06	1.81E-05	3.50E-04
606812	4122520	1.07E-04	1.07E-04	1.06E-04	5.83E-06	1.92E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00	1.07E-04	1.07E-04	1.06E-04	9.48E-06	1.77E-05	3.47E-04
606832	4122520	1.06E-04	1.05E-04	1.05E-04	5.71E-06	1.87E-05	3.40E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.06E-04	1.05E-04	1.05E-04	9.28E-06	1.72E-05	3.42E-04
606852	4122520	1.05E-04	1.05E-04	1.04E-04	5.59E-06	1.83E-05	3.38E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.05E-04	1.05E-04	1.04E-04	9.09E-06	1.68E-05	3.40E-04
606872	4122520	1.04E-04	1.03E-04	1.03E-04	5.47E-06	1.79E-05	3.34E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.34E-08	0.13	0.00	1.04E-04	1.03E-04	1.03E-04	8.89E-06	1.64E-05	3.36E-04
606892	4122520	1.03E-04	1.02E-04	1.02E-04	5.36E-06	1.75E-05	3.30E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.33E-08	0.13	0.00	1.03E-04	1.02E-04	1.02E-04	8.70E-06	1.61E-05	3.32E-04
606272	4122540	2.10E-04	2.08E-04	2.07E-04	1.41E-05	3.78E-05	6.76E-04	Residence	0.00E+00	0.00E+00	2.30E-07	2.72E-08	0.26	0.00	2.10E-04	2.08E-04	2.07E-04	2.29E-05	3.48E-05	6.82E-04
606292	4122540	2.01E-04	2.00E-04	1.99E-04	1.35E-05	3.69E-05	6.50E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.61E-08	0.25	0.00	2.01E-04	2.00E-04	1.99E-04	2.19E-05	3.40E-05	6.56E-04
606312	4122540	1.94E-04	1.93E-04	1.92E-04	1.29E-05	3.60E-05	6.28E-04	Residence	0.00E+00	0.00E+00	2.13E-07	2.52E-08	0.24	0.00	1.94E-04	1.93E-04	1.92E-04	2.10E-05	3.32E-05	6.33E-04
606332	4122540	1.87E-04	1.86E-04	1.85E-04	1.23E-05	3.52E-05	6.07E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.44E-08	0.23	0.00	1.87E-04	1.86E-04	1.85E-04	2.01E-05	3.24E-05	6.11E-04
606352	4122540	1.78E-04	1.78E-04	1.77E-04	1.18E-05	3.43E-05	5.79E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.78E-04	1.78E-04	1.77E-04	1.92E-05	3.15E-05	5.83E-04
606372	4122540	1.71E-04	1.71E-04	1.70E-04	1.13E-05	3.34E-05	5.57E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.24E-08	0.21	0.00	1.71E-04	1.71E-04	1.70E-04	1.84E-05	3.08E-05	5.61E-04
606392	4122540	1.65E-04	1.64E-04	1.64E-04	1.09E-05	3.26E-05	5.37E-04	Residence	0.00E+00	0.00E+00	1.82E-07	2.16E-08	0.20	0.00	1.65E-04	1.64E-04	1.64E-04	1.77E-05	3.00E-05	5.41E-04
606412	4122540	1.59E-04	1.59E-04	1.58E-04	1.04E-05	3.17E-05	5.18E-04	Residence	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.59E-04	1.59E-04	1.58E-04	1.70E-05	2.92E-05	5.22E-04
606432	4122540	1.53E-04	1.53E-04	1.52E-04	1.00E-05	3.09E-05	4.99E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.00E-08	0.19	0.00	1.53E-04	1.53E-04	1.52E-04	1.63E-05	2.84E-05	5.03E-04
606492	4122540	1.38E-04	1.38E-04	1.37E-04	8.92E-06	2.85E-05	4.51E-04	Residence	0.00E+00	0.00E+00	1.53E-07	1.81E-08	0.17	0.00	1.38E-04	1.38E-04	1.37E-04	1.45E-05	2.62E-05	4.55E-04
606512	4122540	1.34E-04	1.33E-04	1.33E-04	8.58E-06	2.77E-05	4.36E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.34E-04	1.33E-04	1.33E-04	1.39E-05	2.54E-05	4.39E-04
606532	4122540	1.30E-04	1.30E-04	1.29E-04	8.26E-06	2.69E-05	4.24E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.71E-08	0.16	0.00	1.30E-04	1.30E-04	1.29E-04	1.34E-05	2.47E-05	4.27E-04
606552	4122540	1.27E-04	1.26E-04	1.26E-04	7.96E-06	2.61E-05	4.13E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.66E-08	0.16	0.00	1.27E-04	1.26E-04	1.26E-04	1.29E-05	2.41E-05	4.16E-04
606572	4122540	1.24E-04	1.24E-04	1.23E-04	7.68E-06	2.54E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.24E-04	1.24E-04	1.23E-04	1.25E-05	2.34E-05	4.07E-04
606592	4122540	1.21E-04	1.21E-04	1.21E-04	7.42E-06	2.47E-05	3.95E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.59E-08	0.15	0.00	1.21E-04	1.21E-04	1.21E-04	1.21E-05	2.27E-05	3.98E-04
606612	4122540	1.18E-04	1.18E-04	1.17E-04	7.18E-06	2.40E-05	3.84E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.54E-08	0.15	0.00	1.18E-04	1.18E-04	1.17E-04	1.17E-05	2.21E-05	3.87E-04
606632	4122540	1.17E-04	1.17E-04	1.16E-04	6.97E-06	2.34E-05	3.81E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.53E-08	0.14	0.00	1.17E-04	1.17E-04	1.16E-04	1.13E-05	2.15E-05	3.83E-04
606652	4122540	1.15E-04	1.14E-04	1.14E-04	6.77E-06	2.28E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.15E-04	1.14E-04	1.14E-04	1.10E-05	2.09E-05	3.75E-04
606672	4122540	1.13E-04	1.12E-04	1.12E-04	6.59E-06	2.22E-05	3.66E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	1.13E-04	1.12E-04	1.12E-04	1.07E-05	2.04E-05	3.68E-04
606692	4122540	1.11E-04	1.10E-04	1.10E-04	6.42E-06	2.16E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.11E-04	1.10E-04	1.10E-04	1.04E-05	1.99E-05	3.62E-04
606712	4122540	1.09E-04	1.09E-04	1.09E-04	6.27E-06	2.10E-05	3.54E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.09E-04	1.09E-04	1.09E-04	1.02E-05	1.94E-05	3.57E-04
606732	4122540	1.09E-04	1.09E-04	1.08E-04	6.13E-06	2.05E-05	3.53E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.09E-04	1.09E-04	1.08E-04	9.97E-06	1.89E-05	3.55E-04
606752	4122540	1.08E-04	1.07E-04	1.07E-04	6.00E-06	2.00E-05	3.48E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.40E-08	0.13	0.00	1.08E-04	1.07E-04	1.07E-04	9.75E-06	1.84E-05	3.50E-04
606772	4122540	1.07E-04	1.06E-04	1.06E-04	5.87E-06	1.95E-05	3.44E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	1.07E-04	1.06E-04	1.06E-04	9.55E-06	1.80E-05	3.46E-04
606792	4122540	1.05E-04	1.05E-04	1.04E-04	5.75E-06	1.91E-05	3.39E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.05E-04	1.05E-04	1.04E-04	9.35E-06	1.75E-05	3.42E-04
606812	4122540	1.05E-04	1.04E-04	1.04E-04	5.64E-06	1.86E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.05E-04	1.04E-04	1.04E-04	9.16E-06	1.71E-05	3.39E-04
606832	4122540	1.03E-04	1.03E-04	1.02E-04	5.52E-06	1.82E-05	3.32E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.34E-08	0.13	0.00	1.03E-04	1.03E-04	1.02E-04	8.98E-06	1.67E-05	3.34E-04
606852	4122540	1.03E-04	1.02E-04	1.02E-04	5.41E-06	1.78E-05	3.30E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.13	0.00	1.03E-04	1.02E-04	1.02E-04	8.80E-06	1.63E-05	3.32E-04
606872	4122540	1.02E-04	1.01E-04	1.01E-04	5.30E-06	1.74E-05	3.27E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.32E-08	0.12	0.00	1.02E-04	1.01E-04	1.01E-04	8.62E-06	1.60E-05	3.29E-04
606892	4122540	1.01E-04	1.01E-04	1.00E-04	5.20E-06	1.70E-05	3.24E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	1.01E-04	1.01E-04	1.00E-04	8.44E-06	1.56E-05	3.26E-04
605632	4122560	4.06E-04	4.02E-04	3.99E-04	2.61E-05	5.32E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.37E-07	5.17E-08	0.49	0.00	4.06E-04	4.02E-04	3.99E-04	4.24E-05	4.90E-05	1.30E-03

605652	4122560	4.08E-04	4.04E-04	4.01E-04	2.63E-05	5.35E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.40E-07	5.20E-08	0.49	0.00	4.08E-04	4.04E-04	4.01E-04	4.27E-05	4.93E-05	1.31E-03
605672	4122560	4.09E-04	4.06E-04	4.02E-04	2.64E-05	5.38E-05	1.30E-03	Residence	0.00E+00	0.00E+00	4.41E-07	5.22E-08	0.49	0.00	4.09E-04	4.06E-04	4.02E-04	4.29E-05	4.95E-05	1.31E-03
605692	4122560	4.10E-04	4.06E-04	4.03E-04	2.64E-05	5.39E-05	1.30E-03	Residence	0.00E+00	0.00E+00	4.42E-07	5.22E-08	0.49	0.00	4.10E-04	4.06E-04	4.03E-04	4.29E-05	4.95E-05	1.31E-03
605712	4122560	4.10E-04	4.06E-04	4.02E-04	2.64E-05	5.38E-05	1.30E-03	Residence	0.00E+00	0.00E+00	4.41E-07	5.22E-08	0.49	0.00	4.10E-04	4.06E-04	4.02E-04	4.29E-05	4.95E-05	1.31E-03
605732	4122560	4.09E-04	4.05E-04	4.01E-04	2.63E-05	5.37E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.40E-07	5.20E-08	0.49	0.00	4.09E-04	4.05E-04	4.01E-04	4.28E-05	4.94E-05	1.31E-03
605752	4122560	4.07E-04	4.03E-04	3.98E-04	2.62E-05	5.34E-05	1.29E-03	Residence	0.00E+00	0.00E+00	4.38E-07	5.18E-08	0.49	0.00	4.07E-04	4.03E-04	3.98E-04	4.25E-05	4.91E-05	1.30E-03
605772	4122560	4.04E-04	4.00E-04	3.95E-04	2.59E-05	5.30E-05	1.28E-03	Residence	0.00E+00	0.00E+00	4.35E-07	5.14E-08	0.49	0.00	4.04E-04	4.00E-04	3.95E-04	4.21E-05	4.88E-05	1.29E-03
605792	4122560	4.01E-04	3.96E-04	3.92E-04	2.56E-05	5.25E-05	1.27E-03	Residence	0.00E+00	0.00E+00	4.30E-07	5.09E-08	0.48	0.00	4.01E-04	3.96E-04	3.92E-04	4.16E-05	4.83E-05	1.28E-03
605812	4122560	3.96E-04	3.91E-04	3.87E-04	2.52E-05	5.20E-05	1.25E-03	Residence	0.00E+00	0.00E+00	4.25E-07	5.03E-08	0.48	0.00	3.96E-04	3.91E-04	3.87E-04	4.10E-05	4.78E-05	1.26E-03
605832	4122560	3.91E-04	3.86E-04	3.81E-04	2.48E-05	5.13E-05	1.23E-03	Residence	0.00E+00	0.00E+00	4.20E-07	4.96E-08	0.47	0.00	3.91E-04	3.86E-04	3.81E-04	4.03E-05	4.72E-05	1.25E-03
605852	4122560	3.84E-04	3.80E-04	3.75E-04	2.43E-05	5.06E-05	1.21E-03	Residence	0.00E+00	0.00E+00	4.13E-07	4.88E-08	0.46	0.00	3.84E-04	3.80E-04	3.75E-04	3.95E-05	4.65E-05	1.23E-03
606292	4122560	1.98E-04	1.96E-04	1.95E-04	1.29E-05	3.51E-05	6.37E-04	Residence	0.00E+00	0.00E+00	2.17E-07	2.56E-08	0.24	0.00	1.98E-04	1.96E-04	1.95E-04	2.09E-05	3.23E-05	6.42E-04
606312	4122560	1.90E-04	1.89E-04	1.88E-04	1.23E-05	3.43E-05	6.13E-04	Residence	0.00E+00	0.00E+00	2.09E-07	2.47E-08	0.23	0.00	1.90E-04	1.89E-04	1.88E-04	2.00E-05	3.16E-05	6.18E-04
606332	4122560	1.83E-04	1.82E-04	1.81E-04	1.18E-05	3.35E-05	5.92E-04	Residence	0.00E+00	0.00E+00	2.01E-07	2.38E-08	0.22	0.00	1.83E-04	1.82E-04	1.81E-04	1.92E-05	3.09E-05	5.96E-04
606352	4122560	1.76E-04	1.75E-04	1.74E-04	1.13E-05	3.27E-05	5.69E-04	Residence	0.00E+00	0.00E+00	1.93E-07	2.29E-08	0.22	0.00	1.76E-04	1.75E-04	1.74E-04	1.84E-05	3.01E-05	5.73E-04
606492	4122560	1.36E-04	1.36E-04	1.35E-04	8.60E-06	2.73E-05	4.43E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.78E-08	0.17	0.00	1.36E-04	1.36E-04	1.35E-04	1.40E-05	2.51E-05	4.46E-04
606512	4122560	1.32E-04	1.31E-04	1.31E-04	8.28E-06	2.66E-05	4.29E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.72E-08	0.16	0.00	1.32E-04	1.31E-04	1.31E-04	1.35E-05	2.45E-05	4.32E-04
606532	4122560	1.29E-04	1.28E-04	1.28E-04	7.98E-06	2.59E-05	4.19E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.29E-04	1.28E-04	1.28E-04	1.30E-05	2.38E-05	4.22E-04
606552	4122560	1.25E-04	1.24E-04	1.24E-04	7.69E-06	2.52E-05	4.06E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.25E-04	1.24E-04	1.24E-04	1.25E-05	2.32E-05	4.09E-04
606572	4122560	1.22E-04	1.21E-04	1.21E-04	7.42E-06	2.45E-05	3.95E-04	Residence	0.00E+00	0.00E+00	1.34E-07	1.59E-08	0.15	0.00	1.22E-04	1.21E-04	1.21E-04	1.21E-05	2.25E-05	3.98E-04
606592	4122560	1.19E-04	1.19E-04	1.18E-04	7.18E-06	2.38E-05	3.87E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.19E-04	1.19E-04	1.18E-04	1.17E-05	2.19E-05	3.90E-04
606612	4122560	1.16E-04	1.16E-04	1.16E-04	6.95E-06	2.32E-05	3.78E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.52E-08	0.14	0.00	1.16E-04	1.16E-04	1.16E-04	1.13E-05	2.13E-05	3.81E-04
606632	4122560	1.16E-04	1.15E-04	1.15E-04	6.74E-06	2.26E-05	3.75E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.51E-08	0.14	0.00	1.16E-04	1.15E-04	1.15E-04	1.09E-05	2.08E-05	3.77E-04
606652	4122560	1.13E-04	1.13E-04	1.12E-04	6.54E-06	2.20E-05	3.66E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.47E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	1.06E-05	2.02E-05	3.69E-04
606672	4122560	1.11E-04	1.11E-04	1.11E-04	6.37E-06	2.14E-05	3.61E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.45E-08	0.14	0.00	1.11E-04	1.11E-04	1.11E-04	1.03E-05	1.97E-05	3.63E-04
606692	4122560	1.10E-04	1.09E-04	1.09E-04	6.21E-06	2.09E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.13	0.00	1.10E-04	1.09E-04	1.09E-04	1.01E-05	1.92E-05	3.57E-04
606712	4122560	1.08E-04	1.08E-04	1.07E-04	6.06E-06	2.04E-05	3.50E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	9.85E-06	1.87E-05	3.52E-04
606732	4122560	1.07E-04	1.06E-04	1.06E-04	5.92E-06	1.99E-05	3.44E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	1.07E-04	1.06E-04	1.06E-04	9.62E-06	1.83E-05	3.46E-04
606752	4122560	1.05E-04	1.05E-04	1.04E-04	5.80E-06	1.94E-05	3.40E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.05E-04	1.05E-04	1.04E-04	9.42E-06	1.78E-05	3.42E-04
606772	4122560	1.04E-04	1.04E-04	1.03E-04	5.68E-06	1.89E-05	3.36E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	1.04E-04	1.04E-04	1.03E-04	9.22E-06	1.74E-05	3.38E-04
606792	4122560	1.03E-04	1.02E-04	1.02E-04	5.56E-06	1.85E-05	3.31E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.33E-08	0.13	0.00	1.03E-04	1.02E-04	1.02E-04	9.04E-06	1.70E-05	3.33E-04
606812	4122560	1.02E-04	1.02E-04	1.01E-04	5.45E-06	1.81E-05	3.29E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.12	0.00	1.02E-04	1.02E-04	1.01E-04	8.86E-06	1.66E-05	3.31E-04
606832	4122560	1.02E-04	1.01E-04	1.01E-04	5.35E-06	1.77E-05	3.26E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.31E-08	0.12	0.00	1.02E-04	1.01E-04	1.01E-04	8.69E-06	1.62E-05	3.28E-04
606852	4122560	1.01E-04	1.00E-04	9.95E-05	5.24E-06	1.73E-05	3.23E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	1.01E-04	1.00E-04	9.95E-05	8.52E-06	1.59E-05	3.24E-04
606872	4122560	1.00E-04	9.94E-05	9.88E-05	5.14E-06	1.69E-05	3.20E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.29E-08	0.12	0.00	1.00E-04	9.94E-05	9.88E-05	8.35E-06	1.55E-05	3.22E-04
605632	4122580	3.94E-04	3.91E-04	3.87E-04	2.49E-05	5.09E-05	1.25E-03	Residence	0.00E+00	0.00E+00	4.24E-07	5.02E-08	0.47	0.00	3.94E-04	3.91E-04	3.87E-04	4.05E-05	4.68E-05	1.26E-03
605652	4122580	3.96E-04	3.92E-04	3.89E-04	2.50E-05	5.11E-05	1.25E-03	Residence	0.00E+00	0.00E+00	4.26E-07	5.04E-08	0.48	0.00	3.96E-04	3.92E-04	3.89E-04	4.07E-05	4.70E-05	1.26E-03
605672	4122580	3.98E-04	3.94E-04	3.90E-04	2.51E-05	5.12E-05	1.26E-03	Residence	0.00E+00	0.00E+00	4.28E-07	5.06E-08	0.48	0.00	3.98E-04	3.94E-04	3.90E-04	4.08E-05	4.71E-05	1.27E-03
605692	4122580	3.97E-04	3.93E-04	3.89E-04	2.51E-05	5.12E-05	1.26E-03	Residence	0.00E+00	0.00E+00	4.27E-07	5.04E-08	0.48	0.00	3.97E-04	3.93E-04	3.89E-04	4.08E-05	4.71E-05	1.27E-03
605712	4122580	3.97E-04	3.92E-04	3.88E-04	2.50E-05	5.11E-05	1.25E-03	Residence	0.00E+00	0.00E+00	4.26E-07	5.04E-08	0.48	0.00	3.97E-04	3.92E-04	3.88E-04	4.07E-05	4.70E-05	1.27E-03
605732	4122580	3.95E-04	3.91E-04	3.86E-04	2.49E-05	5.09E-05	1.25E-03	Residence	0.00E+00	0.00E+00	4.24E-07	5.01E-08	0.47	0.00	3.95E-04	3.91E-04	3.86E-04	4.05E-05	4.68E-05	1.26E-03
605752	4122580	3.93E-04	3.88E-04	3.84E-04	2.47E-05	5.05E-05	1.24E-03	Residence	0.00E+00	0.00E+00	4.21E-07	4.98E-08	0.47	0.00	3.93E-04	3.88E-04	3.84E-04	4.01E-05	4.65E-05	1.25E-03
605772	4122580	3.90E-04	3.86E-04	3.81E-04	2.44E-05	5.01E-05	1.23E-03	Residence	0.00E+00	0.00E+00	4.19E-07	4.95E-08	0.47	0.00	3.90E-04	3.86E-04	3.81E-04	3.97E-05	4.61E-05	1.24E-03
605792	4122580	3.86E-04	3.82E-04	3.77E-04	2.41E-05	4.96E-05	1.22E-03	Residence	0.00E+00	0.00E+00	4.15E-07	4.90E-08	0.46	0.00	3.86E-04	3.82E-04	3.77E-04	3.92E-05	4.56E-05	1.23E-03
605812	4122580	3.81E-04	3.77E-04	3.73E-04	2.37E-05	4.90E-05	1.20E-03	Residence	0.00E+00	0.00E+00	4.09E-07	4.84E-08	0.46	0.00	3.81E-04	3.77E-04	3.73E-04	3.86E-05	4.51E-05	1.21E-03
605832	4122580	3.76E-04	3.71E-04	3.67E-04	2.33E-05	4.84E-05	1.19E-03	Residence	0.00E+00	0.00E+00	4.03E-07	4.77E-08	0.45	0.00	3.76E-04	3.71E-04	3.67E-04	3.79E-05	4.45E-05	1.20E-03
605852	4122580	3.70E-04	3.65E-04	3.61E-04	2.29E-05	4.77E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.97E-07	4.69E-08	0.44	0.00	3.70E-04	3.65E-04	3.61E-04	3.72E-05	4.39E-05	1.18E-03
605872	4122580	3.63E-04	3.58E-04	3.54E-04	2.24E-05	4.70E-05	1.14E-03	Residence	0.00E+00	0.00E+00	3.89E-07	4.60E-08	0.44	0.00	3.63E-04	3.58E-04	3.54E-04	3.64E-05	4.32E-05	1.15E-03
605892	4122580	3.56E-04	3.51E-04	3.47E-04	2.20E-05	4.63E-05	1.12E-03	Residence	0.00E+00	0.00E+00	3.81E-07	4.51E-08	0.43	0.00	3.56E-04	3.51E-04	3.47E-04	3.57E-05	4.26E-05	1.13E-03
605912	4122580	3.48E-04	3.43E-04	3.39E-04	2.15E-05	4.56E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.73E-07	4.41E-08	0.42	0.00	3.48E-04	3.43E-04	3.39E-04	3.50E-05	4.19E-05	1.11E-03
605932	4122580	3.40E-04	3.35E-04	3.31E-04	2.11E-05	4.49E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.31E-08	0.41	0.00	3.40E-04	3.35E-04	3.31E-04	3.43E-05	4.13E-05	1.08E-03
606252	4122580	2.07E-04	2.06E-04	2.04E-04	1.34E-05	3.50E-05	6.65E-04	Residence	0.00E+00	0.00E+00	2.26E-07	2.67E-08	0.25	0.00	2.07E-04	2.06E-04	2.04E-04	2.17E-05	3.22E-05	6.71E-04
606272	4122580	2.00E-04	1.98E-04	1.97E-04	1.28E-05	3.42E-05	6.42E-04	Residence	0.00E+00	0.00E+00	2.18E-07	2.58E-08	0.24	0.00	2.00E-04	1.98E-04	1.97E-04	2.08E-05	3.15E-05	6.47E-04
606292	4122580	1.93E-04	1.91E-04	1.90E-04	1.23E-05	3.35E-05	6.20E-04	Residence	0.00E+00	0.00E+00	2.11E-07	2.49E-08	0.24	0.00	1.93E-04	1.91E-04	1.90E-04	1.99E-05	3.08E-05	6.25E-04
606312	4122580	1.85E-04	1.84E-04	1.83E-04	1.18E-05	3.27E-05	5.97E-04	Residence	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.85E-04	1.84E-04	1.83E-04	1.91E-05	3.01E-05	6.02E-04
606472	4122580	1.39E-04	1.38E-04	1.37E-04	8.60E-06	2.70E-05	4.50E-04	Residence	0.00E+00	0.00E+00	1.53E-07	1.81E-08	0.17	0.00	1.39E-04	1.38E-04	1.37E-04	1.40E-05	2.48E-05	4.53E-04
606492	4122580	1.34E-04	1.33E-04	1.33E-04	8.29E-06	2.63E-05	4.35E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.34E-04	1.33E-04	1.33E-04	1.35E-05	2.42E-05	4.38E-04
606512	4122580	1.29E-04	1.29E-04	1.28E-04	7.99E-06	2.56E-05	4.20E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	1.29E-04	1.29E-04	1.28E-04	1.30E-05	2.35E-05	4.23E-04
606532	4122580	1.27E-04	1.27E-04	1.26E-04	7.71E-06	2.49E-05	4.13E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.66E-08	0.16	0.00	1.27E-04	1.27E-04	1.26E-04	1.25E-05	2.29E-05	4.16E-04
606552	4122580	1.23E-04	1.22E-04	1.22E-04	7.44E-06	2.43E-05	3.98E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.23E-04	1.22E-04	1.22E-04	1.21E-05	2.23E-05	4.01E-04
606572	4122580	1.20E-04	1.19E-04	1.19E-04	7.19E-06	2.36E-05	3.89E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.20E-04	1.19E-04	1.19E-04	1.17E-05	2.17E-05	3.91E-04
606592	4122580	1.17E-04	1.17E-04	1.16E-04	6.95E-06	2.30E-05	3.80E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.53E-08	0.14	0.00	1.17E-04	1.17E-04	1.16E-04	1.13E-05	2.12E-05	3.83E-04
606612	4122580	1.16E-04	1.16E-04	1.15E-04	6.73E-06	2.24E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	1.09E-05	2.06E-05	3.78E-04
606632	4122580	1.14E-04	1.13E-04	1.13E-04	6.52E-06	2.19E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	1.14E-04	1.13E-04	1.13E-04	1.06E-05	2.01E-05	3.71E-04
606652	4122580	1.12E-04	1.11E-04	1.11E-04	6.33E-06	2.13E-05	3.61E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.45E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	1.03E-05	1.96E-05	3.64E-04
606672	4122580	1.10E-04	1.09E-04	1.09E-04	6.16E-06	2.08E-05	3.55E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.10E-04	1.09E-04	1.09E-04	1.00E-05	1.91E-05	3.57E-04
606692	4122580	1.07E-04	1.07E-04	1.07E-04	6.00E-06	2.02E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.40E-08	0.13	0.00	1.07E-04	1.07E-04	1.07E-04	9.76E-06	1.86E-05	3.49E-04
606712	4122580	1.06E-04	1.06E-04	1.05E-04	5.86E-06	1.97E-05	3.43E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.38E-08	0.13	0.00	1.06E-04	1.06E-04	1.05E-04	9.52E-06	1.82E-05	3.45E-04
606732	4122580	1.05E-04	1.04E-04	1.04E-04	5.73E-06	1.93E-05	3.39E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.05E-04	1.04E-04	1.04E-04	9.31E-06	1.77E-05	3.41E-04
606752	4122580	1.04E-04	1.03E-04	1.03E-04	5.60E-06	1.88E-05	3.35E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.34E-08	0.13	0.00	1.04E-04	1.03E-04	1.03E-04	9.11E-06	1.73E-05	3.37E-04
606772	4122580	1.03E-04	1.02E-04	1.02E-04	5.49E-06	1.84E-05	3.31E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.33E-08	0.13	0.00	1.03E-04	1.02E-04	1.02E-04	8.92E-06	1.69E-05	3.33E-04
606792	4122580	1.02E-04	1.01E-04	1.01E-04	5.38E-06	1.80E-05	3.27E-04	Residence	0.00E+00	0.00E+00	1.11E-07	1.32E-08	0.12	0.00	1.02E-04	1.01E-04	1.01E-04	8.74E-06	1.65E-05	3.29E-04
606812	4122580	1.01E-04	1.00E-04	9.96E-05	5.28E-06	1.75E-05	3.23E-04	Residence	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	1.01E-04	1.00E-04	9.96E-05	8.57E-06	1.61E-05	3.25E-04
606832	4122580	9.98E-05	9.92E-05	9.87E-05	5.18E-06	1.72E-05	3.20E-04	Residence	0.00E+00	0.00E+00	1.09E-07	1.29E-08	0.12	0.00	9.98E-05	9.92E-05	9.87E-05	8.41E-06	1.58E-05	3.22E-04
606852	4122580	9.87E-05	9.82E-05	9.77E-05	5.08E-06	1.68E-05	3.16E-04	Residence	0.00E+00	0.00E+00	1.08E-07	1.27E-08	0.12	0.00	9.87E-05	9.82E-05	9.77E-05	8.25E-06	1.54E-05	3.18E-04
606992	4122580	9.36E-05	9.30E-05	9.25E-05	4.44E-06	1.44E-05	2.98E-04	Worker	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	9.36E-05	9.30E-05	9.25E-05	7.21E-06	1.33E-05	3.00E-04
607012	4122580	9.29E-05	9.23E-05	9.19E-05	4.35E-06	1.41E-05	2.96E-04	Worker	0.00E+00	0.00E+00	1.01E-07	1.19E-08	0.11	0.00	9.29E-05	9.23E-05	9.19E-05	7.07E-06	1.30E-05	2.97E-04
607032	4122580	9.20E-05	9.14E-05	9.10E-05	4.27E-06	1.38E-05	2.93E-04	Worker	0.00E+00	0.00E+00	9.95E-08	1.18E-08	0.11	0.00	9.20E-05	9.14E-05	9.10E-05	6.93E-06	1.27E-05	2.94E-04
607052	4122580	9.23E-05	9.17E-05	9.12E-05	4.18E-06	1.36E-05	2.93E-04	Worker	0.00E+00	0.00E+00	9.96E-08	1.18E-08	0.11	0.00	9.23E-05	9.17E-05	9.12E-05	6.80E-06	1.25E-05	2.95E-04
605932	4122600	3.26E-04	3.22E-04	3.18E-04	1.99E-05	4.25E-05	1.03E-03	Residence	0.00E+00	0.00E+00	3.50E-07	4.14E-08	0.39	0.00	3.26E-04	3.22E-04	3.18E-04	3.24E-05	3.91E-05	1.04E-03
606252	4122600	2.02E-04	2.01E-04	1.99E-04	1.27E-05	3.33E-05	6.48E-04	Residence	0.00E+00	0.00E+00	2.20E-07	2.60E-08	0.25	0.00	2.02E-04	2.01E-04	1.99E-04	2.07E-05	3.07E-05	6.53E-04
606272	4122600	1.94E-04	1.92E-04	1.91E-04	1.22E-05	3.26E-05	6.22E-04	Residence	0.00E+00	0.00E+00	2.11E-07	2.50E-08	0.24	0.00	1.94E-04	1.92E-04	1.91E-04	1.98E-05	3.00E-05	6.27E-04
606292	4122600	1.87E-04	1.86E-04	1.85E-04	1.17E-05	3.20E-05	6.02E-04	Residence	0.00E+00	0.00E+00	2.05E-07	2.42E-08	0.23	0.00	1.87E-04	1.86E-04	1.85E-04	1.90E-05	2.94E-05	6.07E-04

606312	4122600	1.81E-04	1.80E-04	1.79E-04	1.13E-05	3.13E-05	5.83E-04	Residence	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.81E-04	1.80E-04	1.79E-04	1.83E-05	2.88E-05	5.88E-04
606412	4122600	1.52E-04	1.51E-04	1.51E-04	9.25E-06	2.79E-05	4.91E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.97E-08	0.19	0.00	1.52E-04	1.51E-04	1.51E-04	1.50E-05	2.57E-05	4.94E-04
606432	4122600	1.47E-04	1.46E-04	1.46E-04	8.92E-06	2.72E-05	4.75E-04	Residence	0.00E+00	0.00E+00	1.62E-07	1.91E-08	0.18	0.00	1.47E-04	1.46E-04	1.46E-04	1.45E-05	2.51E-05	4.78E-04
606452	4122600	1.42E-04	1.41E-04	1.41E-04	8.60E-06	2.66E-05	4.59E-04	Residence	0.00E+00	0.00E+00	1.56E-07	1.85E-08	0.17	0.00	1.42E-04	1.41E-04	1.41E-04	1.40E-05	2.45E-05	4.63E-04
606472	4122600	1.38E-04	1.37E-04	1.37E-04	8.30E-06	2.59E-05	4.46E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.79E-08	0.17	0.00	1.38E-04	1.37E-04	1.37E-04	1.35E-05	2.39E-05	4.49E-04
606492	4122600	1.32E-04	1.32E-04	1.31E-04	8.01E-06	2.53E-05	4.29E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.72E-08	0.16	0.00	1.32E-04	1.32E-04	1.31E-04	1.30E-05	2.33E-05	4.32E-04
606512	4122600	1.29E-04	1.28E-04	1.28E-04	7.73E-06	2.47E-05	4.17E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.29E-04	1.28E-04	1.28E-04	1.26E-05	2.27E-05	4.20E-04
606532	4122600	1.25E-04	1.25E-04	1.24E-04	7.46E-06	2.40E-05	4.06E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.25E-04	1.25E-04	1.24E-04	1.21E-05	2.21E-05	4.08E-04
606552	4122600	1.22E-04	1.22E-04	1.21E-04	7.21E-06	2.34E-05	3.96E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.59E-08	0.15	0.00	1.22E-04	1.22E-04	1.21E-04	1.17E-05	2.16E-05	3.99E-04
606572	4122600	1.20E-04	1.19E-04	1.19E-04	6.97E-06	2.28E-05	3.88E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.20E-04	1.19E-04	1.19E-04	1.13E-05	2.10E-05	3.91E-04
606592	4122600	1.17E-04	1.16E-04	1.16E-04	6.74E-06	2.23E-05	3.78E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.52E-08	0.14	0.00	1.17E-04	1.16E-04	1.16E-04	1.09E-05	2.05E-05	3.80E-04
606612	4122600	1.14E-04	1.14E-04	1.14E-04	6.52E-06	2.17E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.14E-04	1.14E-04	1.14E-04	1.06E-05	2.00E-05	3.72E-04
606632	4122600	1.12E-04	1.12E-04	1.11E-04	6.32E-06	2.11E-05	3.62E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.46E-08	0.14	0.00	1.12E-04	1.12E-04	1.11E-04	1.03E-05	1.94E-05	3.65E-04
606652	4122600	1.10E-04	1.10E-04	1.09E-04	6.14E-06	2.06E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.10E-04	1.10E-04	1.09E-04	9.98E-06	1.90E-05	3.59E-04
606672	4122600	1.08E-04	1.08E-04	1.07E-04	5.97E-06	2.01E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	9.70E-06	1.85E-05	3.51E-04
606692	4122600	1.06E-04	1.05E-04	1.05E-04	5.81E-06	1.96E-05	3.42E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.06E-04	1.05E-04	1.05E-04	9.45E-06	1.80E-05	3.44E-04
606712	4122600	1.05E-04	1.05E-04	1.05E-04	5.68E-06	1.91E-05	3.40E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.05E-04	1.05E-04	1.05E-04	9.22E-06	1.76E-05	3.42E-04
606992	4122600	9.14E-05	9.09E-05	9.04E-05	4.32E-06	1.41E-05	2.91E-04	Worker	0.00E+00	0.00E+00	9.90E-08	1.17E-08	0.11	0.00	9.14E-05	9.09E-05	9.04E-05	7.02E-06	1.30E-05	2.93E-04
607012	4122600	9.05E-05	9.00E-05	8.95E-05	4.24E-06	1.38E-05	2.88E-04	Worker	0.00E+00	0.00E+00	9.80E-08	1.16E-08	0.11	0.00	9.05E-05	9.00E-05	8.95E-05	6.89E-06	1.27E-05	2.90E-04
607032	4122600	8.97E-05	8.92E-05	8.87E-05	4.16E-06	1.35E-05	2.85E-04	Worker	0.00E+00	0.00E+00	9.70E-08	1.15E-08	0.11	0.00	8.97E-05	8.92E-05	8.87E-05	6.76E-06	1.24E-05	2.87E-04
607052	4122600	9.06E-05	9.00E-05	8.96E-05	4.08E-06	1.33E-05	2.88E-04	Worker	0.00E+00	0.00E+00	9.78E-08	1.16E-08	0.11	0.00	9.06E-05	9.00E-05	8.96E-05	6.63E-06	1.22E-05	2.89E-04
605632	4122620	3.75E-04	3.71E-04	3.68E-04	2.28E-05	4.65E-05	1.18E-03	Residence	0.00E+00	0.00E+00	4.03E-07	4.76E-08	0.45	0.00	3.75E-04	3.71E-04	3.68E-04	3.70E-05	4.28E-05	1.19E-03
605652	4122620	3.75E-04	3.72E-04	3.68E-04	2.28E-05	4.65E-05	1.18E-03	Residence	0.00E+00	0.00E+00	4.03E-07	4.76E-08	0.45	0.00	3.75E-04	3.72E-04	3.68E-04	3.70E-05	4.28E-05	1.19E-03
605672	4122620	3.75E-04	3.72E-04	3.68E-04	2.27E-05	4.65E-05	1.18E-03	Residence	0.00E+00	0.00E+00	4.03E-07	4.76E-08	0.45	0.00	3.75E-04	3.72E-04	3.68E-04	3.69E-05	4.27E-05	1.19E-03
605692	4122620	3.74E-04	3.70E-04	3.67E-04	2.26E-05	4.63E-05	1.18E-03	Residence	0.00E+00	0.00E+00	4.01E-07	4.74E-08	0.45	0.00	3.74E-04	3.70E-04	3.67E-04	3.68E-05	4.26E-05	1.19E-03
605712	4122620	3.72E-04	3.68E-04	3.64E-04	2.25E-05	4.61E-05	1.17E-03	Residence	0.00E+00	0.00E+00	3.99E-07	4.71E-08	0.45	0.00	3.72E-04	3.68E-04	3.64E-04	3.66E-05	4.24E-05	1.18E-03
605752	4122620	3.64E-04	3.60E-04	3.56E-04	2.21E-05	4.53E-05	1.15E-03	Residence	0.00E+00	0.00E+00	3.90E-07	4.61E-08	0.44	0.00	3.64E-04	3.60E-04	3.56E-04	3.58E-05	4.17E-05	1.16E-03
605772	4122620	3.62E-04	3.58E-04	3.54E-04	2.18E-05	4.49E-05	1.14E-03	Residence	0.00E+00	0.00E+00	3.88E-07	4.58E-08	0.43	0.00	3.62E-04	3.58E-04	3.54E-04	3.54E-05	4.13E-05	1.15E-03
605792	4122620	3.58E-04	3.54E-04	3.49E-04	2.14E-05	4.44E-05	1.13E-03	Residence	0.00E+00	0.00E+00	3.83E-07	4.53E-08	0.43	0.00	3.58E-04	3.54E-04	3.49E-04	3.48E-05	4.08E-05	1.14E-03
605812	4122620	3.54E-04	3.49E-04	3.45E-04	2.11E-05	4.38E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.78E-07	4.47E-08	0.42	0.00	3.54E-04	3.49E-04	3.45E-04	3.42E-05	4.03E-05	1.12E-03
605832	4122620	3.48E-04	3.44E-04	3.40E-04	2.07E-05	4.32E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.73E-07	4.40E-08	0.42	0.00	3.48E-04	3.44E-04	3.40E-04	3.36E-05	3.98E-05	1.11E-03
605852	4122620	3.42E-04	3.38E-04	3.34E-04	2.03E-05	4.26E-05	1.08E-03	Residence	0.00E+00	0.00E+00	3.66E-07	4.33E-08	0.41	0.00	3.42E-04	3.38E-04	3.34E-04	3.30E-05	3.92E-05	1.09E-03
605872	4122620	3.35E-04	3.31E-04	3.27E-04	1.99E-05	4.20E-05	1.06E-03	Residence	0.00E+00	0.00E+00	3.59E-07	4.24E-08	0.40	0.00	3.35E-04	3.31E-04	3.27E-04	3.23E-05	3.86E-05	1.06E-03
605892	4122620	3.28E-04	3.24E-04	3.20E-04	1.95E-05	4.14E-05	1.03E-03	Residence	0.00E+00	0.00E+00	3.51E-07	4.15E-08	0.39	0.00	3.28E-04	3.24E-04	3.20E-04	3.17E-05	3.81E-05	1.04E-03
605932	4122620	3.14E-04	3.10E-04	3.06E-04	1.88E-05	4.03E-05	9.89E-04	Residence	0.00E+00	0.00E+00	3.36E-07	3.98E-08	0.38	0.00	3.14E-04	3.10E-04	3.06E-04	3.06E-05	3.70E-05	9.98E-04
606232	4122620	2.03E-04	2.02E-04	2.00E-04	1.26E-05	3.24E-05	6.51E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.62E-08	0.25	0.00	2.03E-04	2.02E-04	2.00E-04	2.05E-05	2.98E-05	6.56E-04
606252	4122620	1.97E-04	1.95E-04	1.94E-04	1.22E-05	3.18E-05	6.30E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.97E-04	1.95E-04	1.94E-04	1.97E-05	2.93E-05	6.35E-04
606272	4122620	1.90E-04	1.89E-04	1.87E-04	1.17E-05	3.12E-05	6.09E-04	Residence	0.00E+00	0.00E+00	2.07E-07	2.45E-08	0.23	0.00	1.90E-04	1.89E-04	1.87E-04	1.90E-05	2.87E-05	6.14E-04
606292	4122620	1.83E-04	1.82E-04	1.81E-04	1.12E-05	3.05E-05	5.88E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.36E-08	0.22	0.00	1.83E-04	1.82E-04	1.81E-04	1.82E-05	2.81E-05	5.93E-04
606312	4122620	1.78E-04	1.77E-04	1.75E-04	1.08E-05	2.99E-05	5.70E-04	Residence	0.00E+00	0.00E+00	1.94E-07	2.29E-08	0.22	0.00	1.78E-04	1.77E-04	1.75E-04	1.75E-05	2.75E-05	5.75E-04
606352	4122620	1.66E-04	1.65E-04	1.64E-04	9.97E-06	2.86E-05	5.33E-04	Residence	0.00E+00	0.00E+00	1.81E-07	2.14E-08	0.20	0.00	1.66E-04	1.65E-04	1.64E-04	1.62E-05	2.64E-05	5.37E-04
606372	4122620	1.60E-04	1.59E-04	1.58E-04	9.59E-06	2.80E-05	5.15E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.07E-08	0.20	0.00	1.60E-04	1.59E-04	1.58E-04	1.56E-05	2.58E-05	5.19E-04
606412	4122620	1.50E-04	1.49E-04	1.48E-04	8.91E-06	2.68E-05	4.83E-04	Residence	0.00E+00	0.00E+00	1.64E-07	1.94E-08	0.18	0.00	1.50E-04	1.49E-04	1.48E-04	1.45E-05	2.46E-05	4.86E-04
606432	4122620	1.45E-04	1.45E-04	1.44E-04	8.60E-06	2.62E-05	4.69E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.45E-04	1.45E-04	1.44E-04	1.40E-05	2.41E-05	4.72E-04
606452	4122620	1.42E-04	1.41E-04	1.40E-04	8.30E-06	2.56E-05	4.57E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.84E-08	0.17	0.00	1.42E-04	1.41E-04	1.40E-04	1.35E-05	2.35E-05	4.60E-04
606472	4122620	1.37E-04	1.37E-04	1.36E-04	8.01E-06	2.50E-05	4.43E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.78E-08	0.17	0.00	1.37E-04	1.37E-04	1.36E-04	1.30E-05	2.30E-05	4.46E-04
606492	4122620	1.31E-04	1.30E-04	1.30E-04	7.74E-06	2.44E-05	4.22E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.31E-04	1.30E-04	1.30E-04	1.26E-05	2.24E-05	4.25E-04
606512	4122620	1.26E-04	1.26E-04	1.25E-04	7.47E-06	2.38E-05	4.09E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.26E-04	1.26E-04	1.25E-04	1.21E-05	2.19E-05	4.12E-04
606532	4122620	1.23E-04	1.23E-04	1.22E-04	7.22E-06	2.32E-05	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.60E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.17E-05	2.13E-05	4.01E-04
606552	4122620	1.21E-04	1.20E-04	1.20E-04	6.98E-06	2.26E-05	3.91E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.13E-05	2.08E-05	3.93E-04
606572	4122620	1.18E-04	1.17E-04	1.17E-04	6.75E-06	2.21E-05	3.81E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.53E-08	0.14	0.00	1.18E-04	1.17E-04	1.17E-04	1.10E-05	2.03E-05	3.83E-04
606592	4122620	1.15E-04	1.15E-04	1.15E-04	6.53E-06	2.15E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.15E-04	1.15E-04	1.15E-04	1.06E-05	1.98E-05	3.76E-04
606612	4122620	1.13E-04	1.13E-04	1.12E-04	6.33E-06	2.10E-05	3.66E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	1.03E-05	1.93E-05	3.68E-04
606632	4122620	1.11E-04	1.11E-04	1.10E-04	6.13E-06	2.05E-05	3.58E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.11E-04	1.11E-04	1.10E-04	9.97E-06	1.88E-05	3.60E-04
606652	4122620	1.09E-04	1.09E-04	1.08E-04	5.96E-06	2.00E-05	3.52E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.41E-08	0.13	0.00	1.09E-04	1.09E-04	1.08E-04	9.68E-06	1.84E-05	3.54E-04
606672	4122620	1.06E-04	1.06E-04	1.05E-04	5.79E-06	1.95E-05	3.43E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	1.06E-04	1.06E-04	1.05E-04	9.41E-06	1.79E-05	3.45E-04
606692	4122620	1.06E-04	1.06E-04	1.05E-04	5.64E-06	1.90E-05	3.42E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.38E-08	0.13	0.00	1.06E-04	1.06E-04	1.05E-04	9.17E-06	1.75E-05	3.44E-04
606992	4122620	8.96E-05	8.91E-05	8.87E-05	4.21E-06	1.37E-05	2.85E-04	Worker	0.00E+00	0.00E+00	9.70E-08	1.15E-08	0.11	0.00	8.96E-05	8.91E-05	8.87E-05	6.84E-06	1.26E-05	2.87E-04
607012	4122620	8.87E-05	8.81E-05	8.77E-05	4.13E-06	1.35E-05	2.82E-04	Worker	0.00E+00	0.00E+00	9.59E-08	1.13E-08	0.11	0.00	8.87E-05	8.81E-05	8.77E-05	6.71E-06	1.24E-05	2.84E-04
607032	4122620	8.79E-05	8.74E-05	8.69E-05	4.05E-06	1.32E-05	2.79E-04	Worker	0.00E+00	0.00E+00	9.50E-08	1.12E-08	0.11	0.00	8.79E-05	8.74E-05	8.69E-05	6.59E-06	1.21E-05	2.81E-04
607052	4122620	8.76E-05	8.71E-05	8.66E-05	3.98E-06	1.29E-05	2.78E-04	Worker	0.00E+00	0.00E+00	9.46E-08	1.12E-08	0.11	0.00	8.76E-05	8.71E-05	8.66E-05	6.47E-06	1.19E-05	2.80E-04
605632	4122640	3.64E-04	3.60E-04	3.57E-04	2.17E-05	4.44E-05	1.15E-03	Residence	0.00E+00	0.00E+00	3.90E-07	4.61E-08	0.44	0.00	3.64E-04	3.60E-04	3.57E-04	3.53E-05	4.09E-05	1.16E-03
605652	4122640	3.64E-04	3.60E-04	3.57E-04	2.17E-05	4.44E-05	1.15E-03	Residence	0.00E+00	0.00E+00	3.90E-07	4.61E-08	0.44	0.00	3.64E-04	3.60E-04	3.57E-04	3.53E-05	4.08E-05	1.16E-03
605672	4122640	3.64E-04	3.60E-04	3.57E-04	2.16E-05	4.43E-05	1.15E-03	Residence	0.00E+00	0.00E+00	3.90E-07	4.61E-08	0.44	0.00	3.64E-04	3.60E-04	3.57E-04	3.52E-05	4.07E-05	1.16E-03
605692	4122640	3.62E-04	3.58E-04	3.55E-04	2.15E-05	4.41E-05	1.14E-03	Residence	0.00E+00	0.00E+00	3.88E-07	4.58E-08	0.43	0.00	3.62E-04	3.58E-04	3.55E-04	3.50E-05	4.05E-05	1.15E-03
605712	4122640	3.60E-04	3.56E-04	3.52E-04	2.14E-05	4.38E-05	1.13E-03	Residence	0.00E+00	0.00E+00	3.85E-07	4.56E-08	0.43	0.00	3.60E-04	3.56E-04	3.52E-04	3.47E-05	4.03E-05	1.14E-03
605752	4122640	3.52E-04	3.48E-04	3.44E-04	2.09E-05	4.30E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.77E-07	4.45E-08	0.42	0.00	3.52E-04	3.48E-04	3.44E-04	3.39E-05	3.96E-05	1.12E-03
605772	4122640	3.50E-04	3.46E-04	3.42E-04	2.06E-05	4.25E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.74E-07	4.42E-08	0.42	0.00	3.50E-04	3.46E-04	3.42E-04	3.34E-05	3.91E-05	1.11E-03
605792	4122640	3.46E-04	3.42E-04	3.38E-04	2.02E-05	4.20E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.70E-07	4.37E-08	0.41	0.00	3.46E-04	3.42E-04	3.38E-04	3.29E-05	3.87E-05	1.10E-03
605812	4122640	3.41E-04	3.37E-04	3.33E-04	1.99E-05	4.15E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.65E-07	4.31E-08	0.41	0.00	3.41E-04	3.37E-04	3.33E-04	3.23E-05	3.82E-05	1.08E-03
605832	4122640	3.36E-04	3.32E-04	3.28E-04	1.95E-05	4.09E-05	1.06E-03	Residence	0.00E+00	0.00E+00	3.59E-07	4.24E-08	0.40	0.00	3.36E-04	3.32E-04	3.28E-04	3.17E-05	3.77E-05	1.06E-03
605852	4122640	3.30E-04	3.26E-04	3.22E-04	1.92E-05	4.04E-05	1.04E-03	Residence	0.00E+00	0.00E+00	3.53E-07	4.17E-08	0.39	0.00	3.30E-04	3.26E-04	3.22E-04	3.11E-05	3.71E-05	1.05E-03
605872	4122640	3.23E-04	3.19E-04	3.16E-04	1.88E-05	3.98E-05	1.02E-03	Residence	0.00E+00	0.00E+00	3.46E-07	4.09E-08	0.39	0.00	3.23E-04	3.19E-04	3.16E-04	3.06E-05	3.66E-05	1.03E-03
605892	4122640	3.17E-04	3.13E-04	3.09E-04	1.85E-05	3.92E-05	9.96E-04	Residence	0.00E+00	0.00E+00	3.39E-07	4.01E-08	0.38	0.00	3.17E-04	3.13E-04	3.09E-04	3.00E-05	3.61E-05	1.00E-03
605932	4122640	3.02E-04	2.98E-04	2.95E-04	1.78E-05	3.82E-05	9.51E-04	Residence	0.00E+00	0.00E+00	3.23E-07	3.82E-08	0.36	0.00	3.02E-04	2.98E-04	2.95E-04	2.90E-05	3.51E-05	9.59E-04
606232	4122640	1.98E-04	1.96E-04	1.95E-04	1.21E-05	3.10E-05	6.32E-04	Residence	0.00E+00	0.00E+00	2.15E-07	2.54E-08	0.24	0.00	1.98E-04	1.96E-04	1.95E-04	1.96E-05	2.85E-05	6.37E-04
606252	4122640	1.92E-04	1.90E-04	1.89E-04	1.16E-05	3.04E-05	6.13E-04	Residence	0.00E+00	0.00E+00	2.09E-07	2.47E-08	0.23	0.00	1.92E-04	1.90E-04	1.89E-04	1.89E-05	2.80E-05	6.18E-04
606272	4122640	1.86E-04	1.84E-04	1.83E-04	1.12E-05	2.98E-05	5.94E-04	Residence	0.00E+00	0.00E+00	2.02E-07	2.39E-08	0.23	0.00	1.86E-04	1.84E-04	1.83E-04	1.82E-05	2.74E-05	5.99E-04
606292	4122640	1.79E-04	1.78E-04	1.77E-04	1.07E-05	2.92E-05	5.75E-04	Residence	0.00E+00	0.00E+00	1.96E-07	2.31E-08	0.22	0.00	1.79E-04	1.78E-04	1.77E-04	1.75E-05	2.69E-05	5.79E-04
606312	4122640	1.74E-04	1.73E-04	1.72E-04	1.03E-05	2.86E-05	5.58E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.24E-08	0.21	0.00	1.74E-04	1.73E-04	1.72E-04	1.68E-05	2.63E-05	5.62E-04
606352	4122640	1.63E-04	1.62E-04	1.61E-04	9.58E-06	2.75E-05	5.22E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.10E-08	0.20	0.00	1.63E-04	1.62E-04	1.61E-04	1.56E-05	2.53E-05	5.26E-04
606412	4122640	1.47E-04	1.47E-04	1.46E-04	8.58E-06	2.57E-05	4.75E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.91E-08	0.18	0.00	1.47E-04	1.47E-04	1.46E-04	1.39E-05	2.37E-05	4.78E-04
606432	4122640	1.43E-04	1.43E-04	1.42E-04	8.29E-06	2.52E-05	4.61E-04	Residence	0.00E+00	0.00E+00	1.57E-07	1.85E-08	0.18	0.00	1.43E-04	1.43E-04	1.42E-04	1.35E-05	2.32E-05	4.65E-04

606452	4122640	1.39E-04	1.39E-04	1.38E-04	8.01E-06	2.46E-05	4.48E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.39E-04	1.39E-04	1.38E-04	1.30E-05	2.26E-05	4.51E-04
606472	4122640	1.35E-04	1.34E-04	1.34E-04	7.74E-06	2.40E-05	4.34E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.35E-04	1.34E-04	1.34E-04	1.26E-05	2.21E-05	4.37E-04
606492	4122640	1.30E-04	1.29E-04	1.29E-04	7.48E-06	2.35E-05	4.19E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.30E-04	1.29E-04	1.29E-04	1.22E-05	2.16E-05	4.21E-04
606512	4122640	1.25E-04	1.25E-04	1.24E-04	7.23E-06	2.29E-05	4.05E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.63E-08	0.15	0.00	1.25E-04	1.25E-04	1.24E-04	1.18E-05	2.11E-05	4.07E-04
606532	4122640	1.21E-04	1.21E-04	1.21E-04	6.99E-06	2.24E-05	3.92E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.58E-08	0.15	0.00	1.21E-04	1.21E-04	1.21E-04	1.14E-05	2.06E-05	3.95E-04
606552	4122640	1.19E-04	1.19E-04	1.19E-04	6.77E-06	2.19E-05	3.86E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.19E-04	1.19E-04	1.19E-04	1.10E-05	2.01E-05	3.88E-04
606572	4122640	1.16E-04	1.16E-04	1.15E-04	6.55E-06	2.13E-05	3.75E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	1.06E-05	1.96E-05	3.78E-04
606592	4122640	1.14E-04	1.14E-04	1.13E-04	6.34E-06	2.08E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	1.14E-04	1.14E-04	1.13E-04	1.03E-05	1.92E-05	3.70E-04
606612	4122640	1.11E-04	1.11E-04	1.11E-04	6.14E-06	2.03E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.11E-04	1.11E-04	1.11E-04	9.98E-06	1.87E-05	3.61E-04
606632	4122640	1.10E-04	1.09E-04	1.09E-04	5.96E-06	1.98E-05	3.54E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.10E-04	1.09E-04	1.09E-04	9.68E-06	1.82E-05	3.56E-04
606652	4122640	1.08E-04	1.07E-04	1.07E-04	5.78E-06	1.94E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.07E-04	1.07E-04	9.40E-06	1.78E-05	3.49E-04
606672	4122640	1.07E-04	1.07E-04	1.06E-04	5.62E-06	1.89E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	1.07E-04	1.07E-04	1.06E-04	9.14E-06	1.74E-05	3.47E-04
606732	4122640	1.02E-04	1.02E-04	1.02E-04	5.22E-06	1.76E-05	3.29E-04	Worker	0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.13	0.00	1.02E-04	1.02E-04	1.02E-04	8.47E-06	1.62E-05	3.31E-04
606752	4122640	1.01E-04	1.01E-04	1.00E-04	5.10E-06	1.72E-05	3.24E-04	Worker	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	1.01E-04	1.01E-04	1.00E-04	8.29E-06	1.58E-05	3.26E-04
606772	4122640	9.97E-05	9.92E-05	9.88E-05	4.99E-06	1.68E-05	3.20E-04	Worker	0.00E+00	0.00E+00	1.09E-07	1.28E-08	0.12	0.00	9.97E-05	9.92E-05	9.88E-05	8.11E-06	1.55E-05	3.21E-04
606852	4122640	9.51E-05	9.46E-05	9.42E-05	4.63E-06	1.54E-05	3.04E-04	Worker	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	9.51E-05	9.46E-05	9.42E-05	7.52E-06	1.42E-05	3.06E-04
606872	4122640	9.43E-05	9.38E-05	9.34E-05	4.55E-06	1.51E-05	3.01E-04	Worker	0.00E+00	0.00E+00	1.02E-07	1.21E-08	0.11	0.00	9.43E-05	9.38E-05	9.34E-05	7.39E-06	1.39E-05	3.03E-04
606992	4122640	8.78E-05	8.73E-05	8.69E-05	4.10E-06	1.34E-05	2.80E-04	Worker	0.00E+00	0.00E+00	9.50E-08	1.12E-08	0.11	0.00	8.78E-05	8.73E-05	8.69E-05	6.66E-06	1.23E-05	2.81E-04
607012	4122640	8.69E-05	8.64E-05	8.59E-05	4.02E-06	1.31E-05	2.76E-04	Worker	0.00E+00	0.00E+00	9.40E-08	1.11E-08	0.11	0.00	8.69E-05	8.64E-05	8.59E-05	6.54E-06	1.21E-05	2.78E-04
607032	4122640	8.61E-05	8.56E-05	8.52E-05	3.95E-06	1.29E-05	2.74E-04	Worker	0.00E+00	0.00E+00	9.31E-08	1.10E-08	0.10	0.00	8.61E-05	8.56E-05	8.52E-05	6.42E-06	1.19E-05	2.75E-04
607052	4122640	8.54E-05	8.49E-05	8.45E-05	3.88E-06	1.26E-05	2.71E-04	Worker	0.00E+00	0.00E+00	9.22E-08	1.09E-08	0.10	0.00	8.54E-05	8.49E-05	8.45E-05	6.31E-06	1.16E-05	2.73E-04
605632	4122660	3.52E-04	3.48E-04	3.45E-04	2.07E-05	4.24E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.77E-07	4.45E-08	0.42	0.00	3.52E-04	3.48E-04	3.45E-04	3.37E-05	3.90E-05	1.12E-03
605652	4122660	3.52E-04	3.48E-04	3.45E-04	2.07E-05	4.23E-05	1.11E-03	Residence	0.00E+00	0.00E+00	3.77E-07	4.45E-08	0.42	0.00	3.52E-04	3.48E-04	3.45E-04	3.36E-05	3.89E-05	1.12E-03
605672	4122660	3.51E-04	3.47E-04	3.44E-04	2.06E-05	4.22E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.76E-07	4.44E-08	0.42	0.00	3.51E-04	3.47E-04	3.44E-04	3.35E-05	3.88E-05	1.11E-03
605692	4122660	3.49E-04	3.46E-04	3.42E-04	2.05E-05	4.19E-05	1.10E-03	Residence	0.00E+00	0.00E+00	3.74E-07	4.42E-08	0.42	0.00	3.49E-04	3.46E-04	3.42E-04	3.32E-05	3.86E-05	1.11E-03
605712	4122660	3.47E-04	3.43E-04	3.39E-04	2.03E-05	4.16E-05	1.09E-03	Residence	0.00E+00	0.00E+00	3.71E-07	4.38E-08	0.41	0.00	3.47E-04	3.43E-04	3.39E-04	3.29E-05	3.83E-05	1.10E-03
605752	4122660	3.39E-04	3.35E-04	3.31E-04	1.98E-05	4.08E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.62E-07	4.28E-08	0.41	0.00	3.39E-04	3.35E-04	3.31E-04	3.21E-05	3.75E-05	1.07E-03
605772	4122660	3.36E-04	3.32E-04	3.28E-04	1.95E-05	4.04E-05	1.06E-03	Residence	0.00E+00	0.00E+00	3.59E-07	4.25E-08	0.40	0.00	3.36E-04	3.32E-04	3.28E-04	3.16E-05	3.71E-05	1.07E-03
605792	4122660	3.32E-04	3.28E-04	3.24E-04	1.91E-05	3.99E-05	1.04E-03	Residence	0.00E+00	0.00E+00	3.55E-07	4.20E-08	0.40	0.00	3.32E-04	3.28E-04	3.24E-04	3.11E-05	3.67E-05	1.05E-03
605812	4122660	3.28E-04	3.25E-04	3.21E-04	1.88E-05	3.94E-05	1.03E-03	Residence	0.00E+00	0.00E+00	3.51E-07	4.15E-08	0.39	0.00	3.28E-04	3.25E-04	3.21E-04	3.06E-05	3.62E-05	1.04E-03
605832	4122660	3.23E-04	3.19E-04	3.15E-04	1.85E-05	3.88E-05	1.01E-03	Residence	0.00E+00	0.00E+00	3.45E-07	4.07E-08	0.39	0.00	3.23E-04	3.19E-04	3.15E-04	3.00E-05	3.57E-05	1.02E-03
605852	4122660	3.17E-04	3.13E-04	3.10E-04	1.81E-05	3.83E-05	9.97E-04	Residence	0.00E+00	0.00E+00	3.39E-07	4.01E-08	0.38	0.00	3.17E-04	3.13E-04	3.10E-04	2.95E-05	3.52E-05	1.00E-03
605872	4122660	3.11E-04	3.08E-04	3.04E-04	1.78E-05	3.78E-05	9.79E-04	Residence	0.00E+00	0.00E+00	3.33E-07	3.94E-08	0.37	0.00	3.11E-04	3.08E-04	3.04E-04	2.89E-05	3.47E-05	9.87E-04
605892	4122660	3.05E-04	3.02E-04	2.98E-04	1.75E-05	3.73E-05	9.59E-04	Residence	0.00E+00	0.00E+00	3.26E-07	3.86E-08	0.36	0.00	3.05E-04	3.02E-04	2.98E-04	2.84E-05	3.43E-05	9.67E-04
605932	4122660	2.91E-04	2.88E-04	2.84E-04	1.69E-05	3.63E-05	9.16E-04	Residence	0.00E+00	0.00E+00	3.11E-07	3.68E-08	0.35	0.00	2.91E-04	2.88E-04	2.84E-04	2.75E-05	3.34E-05	9.23E-04
606252	4122660	1.87E-04	1.86E-04	1.85E-04	1.11E-05	2.91E-05	5.98E-04	Residence	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.87E-04	1.86E-04	1.85E-04	1.81E-05	2.68E-05	6.03E-04
606272	4122660	1.81E-04	1.80E-04	1.79E-04	1.07E-05	2.85E-05	5.79E-04	Residence	0.00E+00	0.00E+00	1.97E-07	2.33E-08	0.22	0.00	1.81E-04	1.80E-04	1.79E-04	1.74E-05	2.63E-05	5.84E-04
606292	4122660	1.76E-04	1.75E-04	1.73E-04	1.03E-05	2.80E-05	5.62E-04	Residence	0.00E+00	0.00E+00	1.91E-07	2.26E-08	0.21	0.00	1.76E-04	1.75E-04	1.73E-04	1.67E-05	2.58E-05	5.66E-04
606312	4122660	1.70E-04	1.69E-04	1.68E-04	9.92E-06	2.74E-05	5.45E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.19E-08	0.21	0.00	1.70E-04	1.69E-04	1.68E-04	1.61E-05	2.53E-05	5.49E-04
606352	4122660	1.60E-04	1.59E-04	1.58E-04	9.21E-06	2.64E-05	5.12E-04	Residence	0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00	1.60E-04	1.59E-04	1.58E-04	1.50E-05	2.42E-05	5.15E-04
606412	4122660	1.45E-04	1.44E-04	1.44E-04	8.27E-06	2.47E-05	4.66E-04	Residence	0.00E+00	0.00E+00	1.58E-07	1.87E-08	0.18	0.00	1.45E-04	1.44E-04	1.44E-04	1.34E-05	2.28E-05	4.69E-04
606432	4122660	1.41E-04	1.40E-04	1.39E-04	8.00E-06	2.42E-05	4.52E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.41E-04	1.40E-04	1.39E-04	1.30E-05	2.23E-05	4.55E-04
606452	4122660	1.36E-04	1.35E-04	1.35E-04	7.73E-06	2.37E-05	4.38E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.36E-04	1.35E-04	1.35E-04	1.26E-05	2.18E-05	4.41E-04
606472	4122660	1.32E-04	1.32E-04	1.31E-04	7.48E-06	2.32E-05	4.26E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.71E-08	0.16	0.00	1.32E-04	1.32E-04	1.31E-04	1.22E-05	2.13E-05	4.29E-04
606492	4122660	1.29E-04	1.28E-04	1.28E-04	7.24E-06	2.27E-05	4.15E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.67E-08	0.16	0.00	1.29E-04	1.28E-04	1.28E-04	1.18E-05	2.08E-05	4.18E-04
606512	4122660	1.23E-04	1.23E-04	1.22E-04	7.00E-06	2.21E-05	3.97E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.14E-05	2.04E-05	4.00E-04
606532	4122660	1.20E-04	1.20E-04	1.19E-04	6.78E-06	2.16E-05	3.87E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.20E-04	1.20E-04	1.19E-04	1.10E-05	1.99E-05	3.90E-04
606552	4122660	1.17E-04	1.17E-04	1.16E-04	6.56E-06	2.11E-05	3.78E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.52E-08	0.14	0.00	1.17E-04	1.17E-04	1.16E-04	1.07E-05	1.94E-05	3.81E-04
606572	4122660	1.16E-04	1.15E-04	1.15E-04	6.36E-06	2.06E-05	3.72E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.16E-04	1.15E-04	1.15E-04	1.03E-05	1.90E-05	3.75E-04
606592	4122660	1.13E-04	1.12E-04	1.12E-04	6.16E-06	2.01E-05	3.63E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.46E-08	0.14	0.00	1.13E-04	1.12E-04	1.12E-04	1.00E-05	1.85E-05	3.65E-04
606612	4122660	1.10E-04	1.10E-04	1.10E-04	5.97E-06	1.97E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.10E-04	1.10E-04	1.10E-04	9.70E-06	1.81E-05	3.58E-04
606632	4122660	1.08E-04	1.08E-04	1.08E-04	5.79E-06	1.92E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	1.08E-04	1.08E-04	1.08E-04	9.41E-06	1.77E-05	3.51E-04
606652	4122660	1.06E-04	1.05E-04	1.05E-04	5.62E-06	1.88E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.06E-04	1.05E-04	1.05E-04	9.13E-06	1.73E-05	3.43E-04
606672	4122660	1.06E-04	1.05E-04	1.05E-04	5.47E-06	1.83E-05	3.39E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.06E-04	1.05E-04	1.05E-04	8.88E-06	1.69E-05	3.41E-04
606712	4122660	1.03E-04	1.02E-04	1.02E-04	5.19E-06	1.75E-05	3.30E-04	Worker	0.00E+00	0.00E+00	1.12E-07	1.33E-08	0.13	0.00	1.03E-04	1.02E-04	1.02E-04	8.43E-06	1.61E-05	3.32E-04
606732	4122660	1.01E-04	1.00E-04	1.00E-04	5.06E-06	1.71E-05	3.23E-04	Worker	0.00E+00	0.00E+00	1.10E-07	1.30E-08	0.12	0.00	1.01E-04	1.00E-04	1.00E-04	8.23E-06	1.57E-05	3.25E-04
606752	4122660	9.93E-05	9.88E-05	9.84E-05	4.95E-06	1.67E-05	3.18E-04	Worker	0.00E+00	0.00E+00	1.08E-07	1.28E-08	0.12	0.00	9.93E-05	9.88E-05	9.84E-05	8.04E-06	1.54E-05	3.20E-04
606772	4122660	9.79E-05	9.75E-05	9.71E-05	4.85E-06	1.64E-05	3.14E-04	Worker	0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00	9.79E-05	9.75E-05	9.71E-05	7.87E-06	1.51E-05	3.15E-04
606792	4122660	9.66E-05	9.62E-05	9.58E-05	4.75E-06	1.60E-05	3.09E-04	Worker	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	9.66E-05	9.62E-05	9.58E-05	7.72E-06	1.47E-05	3.11E-04
606832	4122660	9.44E-05	9.39E-05	9.35E-05	4.57E-06	1.54E-05	3.02E-04	Worker	0.00E+00	0.00E+00	1.03E-07	1.21E-08	0.11	0.00	9.44E-05	9.39E-05	9.35E-05	7.43E-06	1.41E-05	3.03E-04
606852	4122660	9.34E-05	9.29E-05	9.25E-05	4.49E-06	1.50E-05	2.98E-04	Worker	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	9.34E-05	9.29E-05	9.25E-05	7.30E-06	1.38E-05	3.00E-04
606872	4122660	9.21E-05	9.16E-05	9.12E-05	4.42E-06	1.47E-05	2.94E-04	Worker	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	9.21E-05	9.16E-05	9.12E-05	7.18E-06	1.36E-05	2.96E-04
606892	4122660	9.11E-05	9.07E-05	9.02E-05	4.34E-06	1.44E-05	2.91E-04	Worker	0.00E+00	0.00E+00	9.89E-08	1.17E-08	0.11	0.00	9.11E-05	9.07E-05	9.02E-05	7.05E-06	1.33E-05	2.92E-04
606992	4122660	8.61E-05	8.56E-05	8.51E-05	3.99E-06	1.31E-05	2.74E-04	Worker	0.00E+00	0.00E+00	9.31E-08	1.10E-08	0.10	0.00	8.61E-05	8.56E-05	8.51E-05	6.48E-06	1.20E-05	2.75E-04
607012	4122660	8.52E-05	8.47E-05	8.42E-05	3.92E-06	1.28E-05	2.71E-04	Worker	0.00E+00	0.00E+00	9.21E-08	1.09E-08	0.10	0.00	8.52E-05	8.47E-05	8.42E-05	6.37E-06	1.18E-05	2.72E-04
607032	4122660	8.45E-05	8.40E-05	8.36E-05	3.85E-06	1.26E-05	2.68E-04	Worker	0.00E+00	0.00E+00	9.13E-08	1.08E-08	0.10	0.00	8.45E-05	8.40E-05	8.36E-05	6.26E-06	1.16E-05	2.70E-04
605632	4122680	3.40E-04	3.37E-04	3.34E-04	1.98E-05	4.05E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.64E-07	4.31E-08	0.41	0.00	3.40E-04	3.37E-04	3.34E-04	3.22E-05	3.73E-05	1.08E-03
605652	4122680	3.40E-04	3.36E-04	3.33E-04	1.97E-05	4.04E-05	1.07E-03	Residence	0.00E+00	0.00E+00	3.63E-07	4.30E-08	0.41	0.00	3.40E-04	3.36E-04	3.33E-04	3.20E-05	3.72E-05	1.08E-03
605672	4122680	3.38E-04	3.35E-04	3.31E-04	1.96E-05	4.02E-05	1.06E-03	Residence	0.00E+00	0.00E+00	3.62E-07	4.28E-08	0.40	0.00	3.38E-04	3.35E-04	3.31E-04	3.19E-05	3.70E-05	1.07E-03
605852	4122680	3.04E-04	3.00E-04	2.97E-04	1.72E-05	3.64E-05	9.54E-04	Residence	0.00E+00	0.00E+00	3.25E-07	3.84E-08	0.36	0.00	3.04E-04	3.00E-04	2.97E-04	2.79E-05	3.35E-05	9.62E-04
605872	4122680	3.00E-04	2.97E-04	2.93E-04	1.69E-05	3.59E-05	9.43E-04	Residence	0.00E+00	0.00E+00	3.21E-07	3.79E-08	0.36	0.00	3.00E-04	2.97E-04	2.93E-04	2.74E-05	3.30E-05	9.51E-04
605892	4122680	2.94E-04	2.91E-04	2.87E-04	1.66E-05	3.54E-05	9.24E-04	Residence	0.00E+00	0.00E+00	3.14E-07	3.72E-08	0.35	0.00	2.94E-04	2.91E-04	2.87E-04	2.70E-05	3.26E-05	9.32E-04
605932	4122680	2.81E-04	2.77E-04	2.74E-04	1.61E-05	3.46E-05	8.83E-04	Residence	0.00E+00	0.00E+00	3.00E-07	3.55E-08	0.34	0.00	2.81E-04	2.77E-04	2.74E-04	2.61E-05	3.18E-05	8.90E-04
605952	4122680	2.75E-04	2.72E-04	2.70E-04	1.58E-05	3.42E-05	8.67E-04	Residence	0.00E+00	0.00E+00	2.95E-07	3.49E-08	0.33	0.00	2.75E-04	2.72E-04	2.70E-04	2.57E-05	3.15E-05	8.75E-04
605972	4122680	2.68E-04	2.66E-04	2.63E-04	1.56E-05	3.38E-05	8.46E-04	Residence	0.00E+00	0.00E+00	2.88E-07	3.40E-08	0.32	0.00	2.68E-04	2.66E-04	2.63E-04	2.53E-05	3.11E-05	8.53E-04
606252	4122680	1.83E-04	1.81E-04	1.80E-04	1.06E-05	2.79E-05	5.82E-04	Residence	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.83E-04	1.81E-04	1.80E-04	1.73E-05	2.56E-05	5.87E-04
606272	4122680	1.77E-04	1.76E-04	1.75E-04	1.03E-05	2.73E-05	5.65E-04	Residence	0.00E+00	0.00E+00	1.92E-07	2.27E-08	0.22	0.00	1.77E-04	1.76E-04	1.75E-04	1.67E-05	2.52E-05	5.70E-04
606312	4122680	1.67E-04	1.66E-04	1.65E-04	9.54E-06	2.63E-05	5.33E-04	Residence	0.00E+00	0.00E+00	1.81E-07	2.14E-08	0.20	0.00	1.67E-04	1.66E-04	1.65E-04	1.55E-05	2.42E-05	5.37E-04
606352	4122680	1.56E-04	1.55E-04	1.55E-04	8.86E-06	2.53E-05	5.01E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.56E-04	1.55E-04	1.55E-04	1.44E-05	2.33E-05	5.04E-04
606372	4122680	1.52E-04	1.51E-04	1.50E-04	8.55E-06	2.48E-05	4.86E-04	Residence	0.00E+00	0.00E+00	1.65E-07	1.95E-08	0.18	0.00	1.52E-04	1.51E-04	1.50E-04	1.39E-05	2.28E-05	4.89E-04
606392	4122680	1.48E-04	1.47E-04	1.46E-04	8.26E-06	2.43E-05	4.73E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.90E-08	0.18	0.00	1.48E-04	1.47E-04	1.46E-04	1.34E-05	2.24E-05	4.76E-04
606412	4122680	1.42E-04	1.41E-04	1.41E-04	7.98E-06	2.38E-05	4.56E-04	Residence	0.00E+00	0.00E+00	1.55E-07	1.83E-08	0.17	0.00	1.42E-04	1.41E-04	1.41E-04	1.30E-05	2.19E-05	4.59E-04
606432	4122680	1.38E-04	1.37E-04	1.37E-04	7.72E-06	2.33E-05	4.43E-04	Residence	0.00E+00	0.00E+00	1.51E-07	1.78E-08	0.17	0.00	1.38E-04	1.37E-04	1.37E-04	1.25E-05	2.15E-05	4.46E-04

606452	4122680	1.34E-04	1.33E-04	1.33E-04	7.47E-06	2.28E-05	4.30E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.73E-08	0.16	0.00	1.34E-04	1.33E-04	1.33E-04	1.21E-05	2.10E-05	4.33E-04
606472	4122680	1.30E-04	1.30E-04	1.29E-04	7.23E-06	2.23E-05	4.19E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.30E-04	1.30E-04	1.29E-04	1.18E-05	2.06E-05	4.22E-04
606492	4122680	1.27E-04	1.27E-04	1.26E-04	7.01E-06	2.19E-05	4.09E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.27E-04	1.27E-04	1.26E-04	1.14E-05	2.01E-05	4.11E-04
606512	4122680	1.22E-04	1.21E-04	1.21E-04	6.78E-06	2.14E-05	3.92E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.22E-04	1.21E-04	1.21E-04	1.10E-05	1.97E-05	3.94E-04
606532	4122680	1.19E-04	1.18E-04	1.18E-04	6.57E-06	2.09E-05	3.83E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	1.19E-04	1.18E-04	1.18E-04	1.07E-05	1.92E-05	3.85E-04
606552	4122680	1.16E-04	1.15E-04	1.15E-04	6.37E-06	2.04E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.16E-04	1.15E-04	1.15E-04	1.03E-05	1.88E-05	3.76E-04
606572	4122680	1.15E-04	1.14E-04	1.14E-04	6.17E-06	2.00E-05	3.69E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.48E-08	0.14	0.00	1.15E-04	1.14E-04	1.14E-04	1.00E-05	1.84E-05	3.71E-04
606592	4122680	1.12E-04	1.11E-04	1.11E-04	5.98E-06	1.95E-05	3.60E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.45E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	9.72E-06	1.80E-05	3.62E-04
606612	4122680	1.09E-04	1.09E-04	1.08E-04	5.80E-06	1.91E-05	3.51E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	1.09E-04	1.09E-04	1.08E-04	9.43E-06	1.75E-05	3.53E-04
606632	4122680	1.06E-04	1.06E-04	1.06E-04	5.63E-06	1.86E-05	3.42E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.06E-04	1.06E-04	1.06E-04	9.15E-06	1.71E-05	3.44E-04
606652	4122680	1.05E-04	1.04E-04	1.04E-04	5.47E-06	1.82E-05	3.36E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	1.05E-04	1.04E-04	1.04E-04	8.88E-06	1.67E-05	3.38E-04
606732	4122680	9.94E-05	9.90E-05	9.87E-05	4.92E-06	1.66E-05	3.19E-04	Worker	0.00E+00	0.00E+00	1.08E-07	1.28E-08	0.12	0.00	9.94E-05	9.90E-05	9.87E-05	8.00E-06	1.53E-05	3.20E-04
606752	4122680	9.78E-05	9.74E-05	9.70E-05	4.81E-06	1.63E-05	3.13E-04	Worker	0.00E+00	0.00E+00	1.06E-07	1.26E-08	0.12	0.00	9.78E-05	9.74E-05	9.70E-05	7.82E-06	1.50E-05	3.15E-04
606772	4122680	9.64E-05	9.60E-05	9.56E-05	4.71E-06	1.59E-05	3.09E-04	Worker	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	9.64E-05	9.60E-05	9.56E-05	7.65E-06	1.46E-05	3.10E-04
606792	4122680	9.52E-05	9.47E-05	9.44E-05	4.61E-06	1.56E-05	3.04E-04	Worker	0.00E+00	0.00E+00	1.04E-07	1.22E-08	0.12	0.00	9.52E-05	9.47E-05	9.44E-05	7.50E-06	1.43E-05	3.06E-04
606812	4122680	9.39E-05	9.35E-05	9.31E-05	4.52E-06	1.53E-05	3.00E-04	Worker	0.00E+00	0.00E+00	1.02E-07	1.21E-08	0.11	0.00	9.39E-05	9.35E-05	9.31E-05	7.35E-06	1.40E-05	3.02E-04
606832	4122680	9.25E-05	9.20E-05	9.16E-05	4.44E-06	1.49E-05	2.96E-04	Worker	0.00E+00	0.00E+00	1.00E-07	1.19E-08	0.11	0.00	9.25E-05	9.20E-05	9.16E-05	7.22E-06	1.37E-05	2.97E-04
606852	4122680	9.12E-05	9.07E-05	9.04E-05	4.36E-06	1.46E-05	2.91E-04	Worker	0.00E+00	0.00E+00	9.90E-08	1.17E-08	0.11	0.00	9.12E-05	9.07E-05	9.04E-05	7.09E-06	1.35E-05	2.93E-04
606872	4122680	9.02E-05	8.98E-05	8.94E-05	4.29E-06	1.43E-05	2.88E-04	Worker	0.00E+00	0.00E+00	9.79E-08	1.16E-08	0.11	0.00	9.02E-05	8.98E-05	8.94E-05	6.97E-06	1.32E-05	2.90E-04
606892	4122680	8.95E-05	8.91E-05	8.87E-05	4.22E-06	1.41E-05	2.86E-04	Worker	0.00E+00	0.00E+00	9.71E-08	1.15E-08	0.11	0.00	8.95E-05	8.91E-05	8.87E-05	6.85E-06	1.29E-05	2.87E-04
606992	4122680	8.45E-05	8.41E-05	8.37E-05	3.88E-06	1.28E-05	2.69E-04	Worker	0.00E+00	0.00E+00	9.14E-08	1.08E-08	0.10	0.00	8.45E-05	8.41E-05	8.37E-05	6.31E-06	1.18E-05	2.70E-04
607012	4122680	8.38E-05	8.33E-05	8.29E-05	3.82E-06	1.25E-05	2.66E-04	Worker	0.00E+00	0.00E+00	9.06E-08	1.07E-08	0.10	0.00	8.38E-05	8.33E-05	8.29E-05	6.21E-06	1.15E-05	2.68E-04
607032	4122680	8.30E-05	8.25E-05	8.21E-05	3.76E-06	1.23E-05	2.64E-04	Worker	0.00E+00	0.00E+00	8.96E-08	1.06E-08	0.10	0.00	8.30E-05	8.25E-05	8.21E-05	6.11E-06	1.13E-05	2.65E-04
605632	4122700	3.33E-04	3.30E-04	3.27E-04	1.89E-05	3.88E-05	1.05E-03	Residence	0.00E+00	0.00E+00	3.56E-07	4.21E-08	0.40	0.00	3.33E-04	3.30E-04	3.27E-04	3.07E-05	3.57E-05	1.06E-03
605652	4122700	3.32E-04	3.29E-04	3.25E-04	1.88E-05	3.86E-05	1.04E-03	Residence	0.00E+00	0.00E+00	3.55E-07	4.19E-08	0.40	0.00	3.32E-04	3.29E-04	3.25E-04	3.06E-05	3.55E-05	1.05E-03
605672	4122700	3.30E-04	3.27E-04	3.24E-04	1.87E-05	3.84E-05	1.04E-03	Residence	0.00E+00	0.00E+00	3.53E-07	4.17E-08	0.39	0.00	3.30E-04	3.27E-04	3.24E-04	3.04E-05	3.53E-05	1.05E-03
605692	4122700	3.28E-04	3.25E-04	3.21E-04	1.85E-05	3.81E-05	1.03E-03	Residence	0.00E+00	0.00E+00	3.50E-07	4.14E-08	0.39	0.00	3.28E-04	3.25E-04	3.21E-04	3.01E-05	3.50E-05	1.04E-03
605712	4122700	3.26E-04	3.22E-04	3.18E-04	1.83E-05	3.77E-05	1.02E-03	Residence	0.00E+00	0.00E+00	3.48E-07	4.11E-08	0.39	0.00	3.26E-04	3.22E-04	3.18E-04	2.97E-05	3.47E-05	1.03E-03
605752	4122700	3.17E-04	3.14E-04	3.10E-04	1.78E-05	3.69E-05	9.96E-04	Residence	0.00E+00	0.00E+00	3.39E-07	4.00E-08	0.38	0.00	3.17E-04	3.14E-04	3.10E-04	2.89E-05	3.40E-05	1.00E-03
605772	4122700	3.13E-04	3.10E-04	3.06E-04	1.75E-05	3.65E-05	9.83E-04	Residence	0.00E+00	0.00E+00	3.34E-07	3.95E-08	0.37	0.00	3.13E-04	3.10E-04	3.06E-04	2.84E-05	3.36E-05	9.91E-04
605792	4122700	3.09E-04	3.05E-04	3.02E-04	1.72E-05	3.60E-05	9.69E-04	Residence	0.00E+00	0.00E+00	3.30E-07	3.90E-08	0.37	0.00	3.09E-04	3.05E-04	3.02E-04	2.79E-05	3.31E-05	9.77E-04
605812	4122700	3.04E-04	3.01E-04	2.97E-04	1.69E-05	3.55E-05	9.55E-04	Residence	0.00E+00	0.00E+00	3.25E-07	3.84E-08	0.36	0.00	3.04E-04	3.01E-04	2.97E-04	2.75E-05	3.27E-05	9.62E-04
605852	4122700	2.93E-04	2.90E-04	2.86E-04	1.63E-05	3.46E-05	9.20E-04	Residence	0.00E+00	0.00E+00	3.13E-07	3.70E-08	0.35	0.00	2.93E-04	2.90E-04	2.86E-04	2.65E-05	3.18E-05	9.27E-04
605872	4122700	2.90E-04	2.86E-04	2.83E-04	1.60E-05	3.42E-05	9.09E-04	Residence	0.00E+00	0.00E+00	3.09E-07	3.65E-08	0.35	0.00	2.90E-04	2.86E-04	2.83E-04	2.61E-05	3.15E-05	9.16E-04
605892	4122700	2.84E-04	2.81E-04	2.77E-04	1.58E-05	3.38E-05	8.91E-04	Residence	0.00E+00	0.00E+00	3.03E-07	3.58E-08	0.34	0.00	2.84E-04	2.81E-04	2.77E-04	2.57E-05	3.11E-05	8.98E-04
605932	4122700	2.71E-04	2.68E-04	2.65E-04	1.53E-05	3.30E-05	8.51E-04	Residence	0.00E+00	0.00E+00	2.89E-07	3.42E-08	0.32	0.00	2.71E-04	2.68E-04	2.65E-04	2.49E-05	3.03E-05	8.58E-04
605952	4122700	2.66E-04	2.63E-04	2.60E-04	1.51E-05	3.26E-05	8.38E-04	Residence	0.00E+00	0.00E+00	2.85E-07	3.37E-08	0.32	0.00	2.66E-04	2.63E-04	2.60E-04	2.45E-05	3.00E-05	8.44E-04
605972	4122700	2.58E-04	2.55E-04	2.53E-04	1.49E-05	3.23E-05	8.13E-04	Residence	0.00E+00	0.00E+00	2.77E-07	3.27E-08	0.31	0.00	2.58E-04	2.55E-04	2.53E-04	2.41E-05	2.97E-05	8.20E-04
605992	4122700	2.52E-04	2.50E-04	2.47E-04	1.46E-05	3.19E-05	7.96E-04	Residence	0.00E+00	0.00E+00	2.71E-07	3.20E-08	0.30	0.00	2.52E-04	2.50E-04	2.47E-04	2.38E-05	2.94E-05	8.02E-04
606012	4122700	2.47E-04	2.44E-04	2.42E-04	1.44E-05	3.16E-05	7.80E-04	Residence	0.00E+00	0.00E+00	2.65E-07	3.13E-08	0.30	0.00	2.47E-04	2.44E-04	2.42E-04	2.34E-05	2.91E-05	7.86E-04
606032	4122700	2.40E-04	2.38E-04	2.36E-04	1.41E-05	3.13E-05	7.60E-04	Residence	0.00E+00	0.00E+00	2.58E-07	3.06E-08	0.29	0.00	2.40E-04	2.38E-04	2.36E-04	2.29E-05	2.88E-05	7.66E-04
606112	4122700	2.16E-04	2.14E-04	2.13E-04	1.28E-05	2.98E-05	6.86E-04	Residence	0.00E+00	0.00E+00	2.33E-07	2.76E-08	0.26	0.00	2.16E-04	2.14E-04	2.13E-04	2.09E-05	2.74E-05	6.91E-04
606132	4122700	2.09E-04	2.07E-04	2.06E-04	1.25E-05	2.94E-05	6.64E-04	Residence	0.00E+00	0.00E+00	2.26E-07	2.67E-08	0.25	0.00	2.09E-04	2.07E-04	2.06E-04	2.03E-05	2.70E-05	6.70E-04
606412	4122700	1.40E-04	1.39E-04	1.38E-04	7.71E-06	2.29E-05	4.48E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.80E-08	0.17	0.00	1.40E-04	1.39E-04	1.38E-04	1.25E-05	2.11E-05	4.51E-04
606432	4122700	1.36E-04	1.35E-04	1.35E-04	7.46E-06	2.25E-05	4.35E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.36E-04	1.35E-04	1.35E-04	1.21E-05	2.07E-05	4.38E-04
606452	4122700	1.32E-04	1.31E-04	1.31E-04	7.22E-06	2.20E-05	4.23E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.32E-04	1.31E-04	1.31E-04	1.17E-05	2.03E-05	4.26E-04
606472	4122700	1.28E-04	1.28E-04	1.27E-04	7.00E-06	2.16E-05	4.11E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.28E-04	1.28E-04	1.27E-04	1.14E-05	1.98E-05	4.14E-04
606492	4122700	1.25E-04	1.24E-04	1.24E-04	6.78E-06	2.11E-05	4.01E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.25E-04	1.24E-04	1.24E-04	1.10E-05	1.94E-05	4.03E-04
606512	4122700	1.21E-04	1.21E-04	1.20E-04	6.58E-06	2.07E-05	3.89E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.21E-04	1.21E-04	1.20E-04	1.07E-05	1.90E-05	3.91E-04
606532	4122700	1.17E-04	1.17E-04	1.16E-04	6.37E-06	2.02E-05	3.77E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.17E-04	1.17E-04	1.16E-04	1.04E-05	1.86E-05	3.80E-04
606552	4122700	1.15E-04	1.15E-04	1.14E-04	6.18E-06	1.98E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.15E-04	1.15E-04	1.14E-04	1.00E-05	1.82E-05	3.72E-04
606572	4122700	1.13E-04	1.13E-04	1.12E-04	6.00E-06	1.93E-05	3.64E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.46E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	9.75E-06	1.78E-05	3.66E-04
606592	4122700	1.10E-04	1.10E-04	1.09E-04	5.82E-06	1.89E-05	3.53E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.10E-04	1.10E-04	1.09E-04	9.45E-06	1.74E-05	3.56E-04
606612	4122700	1.07E-04	1.07E-04	1.07E-04	5.64E-06	1.85E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.39E-08	0.13	0.00	1.07E-04	1.07E-04	1.07E-04	9.17E-06	1.70E-05	3.47E-04
606632	4122700	1.05E-04	1.05E-04	1.04E-04	5.48E-06	1.81E-05	3.38E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.05E-04	1.05E-04	1.04E-04	8.90E-06	1.66E-05	3.40E-04
606652	4122700	1.03E-04	1.03E-04	1.02E-04	5.32E-06	1.77E-05	3.31E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.33E-08	0.13	0.00	1.03E-04	1.03E-04	1.02E-04	8.64E-06	1.63E-05	3.33E-04
606732	4122700	9.78E-05	9.74E-05	9.71E-05	4.79E-06	1.62E-05	3.13E-04	Worker	0.00E+00	0.00E+00	1.07E-07	1.26E-08	0.12	0.00	9.78E-05	9.74E-05	9.71E-05	7.78E-06	1.49E-05	3.15E-04
606752	4122700	9.64E-05	9.60E-05	9.56E-05	4.68E-06	1.58E-05	3.08E-04	Worker	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	9.64E-05	9.60E-05	9.56E-05	7.60E-06	1.46E-05	3.10E-04
606772	4122700	9.50E-05	9.46E-05	9.43E-05	4.58E-06	1.55E-05	3.04E-04	Worker	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	9.50E-05	9.46E-05	9.43E-05	7.44E-06	1.43E-05	3.06E-04
606792	4122700	9.36E-05	9.32E-05	9.28E-05	4.48E-06	1.52E-05	2.99E-04	Worker	0.00E+00	0.00E+00	1.02E-07	1.20E-08	0.11	0.00	9.36E-05	9.32E-05	9.28E-05	7.29E-06	1.40E-05	3.01E-04
606812	4122700	9.21E-05	9.17E-05	9.13E-05	4.40E-06	1.49E-05	2.94E-04	Worker	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	9.21E-05	9.17E-05	9.13E-05	7.14E-06	1.37E-05	2.96E-04
606832	4122700	9.06E-05	9.02E-05	8.98E-05	4.32E-06	1.46E-05	2.89E-04	Worker	0.00E+00	0.00E+00	9.84E-08	1.16E-08	0.11	0.00	9.06E-05	9.02E-05	8.98E-05	7.01E-06	1.34E-05	2.91E-04
606852	4122700	8.94E-05	8.90E-05	8.86E-05	4.24E-06	1.43E-05	2.86E-04	Worker	0.00E+00	0.00E+00	9.71E-08	1.15E-08	0.11	0.00	8.94E-05	8.90E-05	8.86E-05	6.89E-06	1.31E-05	2.87E-04
606872	4122700	8.88E-05	8.84E-05	8.80E-05	4.17E-06	1.40E-05	2.83E-04	Worker	0.00E+00	0.00E+00	9.63E-08	1.14E-08	0.11	0.00	8.88E-05	8.84E-05	8.80E-05	6.77E-06	1.29E-05	2.85E-04
605632	4122720	3.22E-04	3.19E-04	3.16E-04	1.81E-05	3.71E-05	1.01E-03	Residence	0.00E+00	0.00E+00	3.44E-07	4.07E-08	0.38	0.00	3.22E-04	3.19E-04	3.16E-04	2.94E-05	3.41E-05	1.02E-03
605652	4122720	3.21E-04	3.18E-04	3.15E-04	1.79E-05	3.69E-05	1.01E-03	Residence	0.00E+00	0.00E+00	3.43E-07	4.05E-08	0.38	0.00	3.21E-04	3.18E-04	3.15E-04	2.92E-05	3.39E-05	1.02E-03
605672	4122720	3.19E-04	3.16E-04	3.13E-04	1.78E-05	3.66E-05	1.00E-03	Residence	0.00E+00	0.00E+00	3.41E-07	4.03E-08	0.38	0.00	3.19E-04	3.16E-04	3.13E-04	2.89E-05	3.37E-05	1.01E-03
605692	4122720	3.18E-04	3.15E-04	3.12E-04	1.76E-05	3.63E-05	9.99E-04	Residence	0.00E+00	0.00E+00	3.40E-07	4.01E-08	0.38	0.00	3.18E-04	3.15E-04	3.12E-04	2.86E-05	3.34E-05	1.01E-03
605712	4122720	3.15E-04	3.12E-04	3.08E-04	1.74E-05	3.60E-05	9.88E-04	Residence	0.00E+00	0.00E+00	3.36E-07	3.97E-08	0.38	0.00	3.15E-04	3.12E-04	3.08E-04	2.83E-05	3.31E-05	9.96E-04
605752	4122720	3.07E-04	3.04E-04	3.00E-04	1.69E-05	3.52E-05	9.63E-04	Residence	0.00E+00	0.00E+00	3.27E-07	3.87E-08	0.37	0.00	3.07E-04	3.04E-04	3.00E-04	2.74E-05	3.23E-05	9.70E-04
605812	4122720	2.95E-04	2.92E-04	2.88E-04	1.61E-05	3.39E-05	9.25E-04	Residence	0.00E+00	0.00E+00	3.15E-07	3.72E-08	0.35	0.00	2.95E-04	2.92E-04	2.88E-04	2.61E-05	3.12E-05	9.33E-04
605872	4122720	2.79E-04	2.76E-04	2.73E-04	1.53E-05	3.26E-05	8.77E-04	Residence	0.00E+00	0.00E+00	2.98E-07	3.52E-08	0.33	0.00	2.79E-04	2.76E-04	2.73E-04	2.48E-05	3.00E-05	8.84E-04
605892	4122720	2.74E-04	2.71E-04	2.68E-04	1.50E-05	3.22E-05	8.60E-04	Residence	0.00E+00	0.00E+00	2.92E-07	3.46E-08	0.33	0.00	2.74E-04	2.71E-04	2.68E-04	2.44E-05	2.96E-05	8.67E-04
605952	4122720	2.57E-04	2.55E-04	2.52E-04	1.44E-05	3.12E-05	8.09E-04	Residence	0.00E+00	0.00E+00	2.75E-07	3.25E-08	0.31	0.00	2.57E-04	2.55E-04	2.52E-04	2.34E-05	2.87E-05	8.16E-04
605972	4122720	2.49E-04	2.47E-04	2.45E-04	1.42E-05	3.08E-05	7.86E-04	Residence	0.00E+00	0.00E+00	2.67E-07	3.16E-08	0.30	0.00	2.49E-04	2.47E-04	2.45E-04	2.30E-05	2.84E-05	7.92E-04
605992	4122720	2.44E-04	2.42E-04	2.40E-04	1.40E-05	3.05E-05	7.70E-04	Residence	0.00E+00	0.00E+00	2.62E-07	3.10E-08	0.29	0.00	2.44E-04	2.42E-04	2.40E-04	2.27E-05	2.81E-05	7.76E-04
606112	4122720	2.10E-04	2.09E-04	2.07E-04	1.23E-05	2.85E-05	6.67E-04	Residence	0.00E+00	0.00E+00	2.27E-07	2.68E-08	0.25	0.00	2.10E-04	2.09E-04	2.07E-04	1.99E-05	2.62E-05	6.72E-04
606132	4122720	2.03E-04	2.02E-04	2.00E-04	1.19E-05	2.81E-05	6.45E-04	Residence	0.00E+00	0.00E+00	2.19E-07	2.59E-08	0.25	0.00	2.03E-04	2.02E-04	2.00E-04	1.94E-05	2.59E-05	6.50E-04
606152	4122720	1.99E-04	1.97E-04	1.96E-04	1.16E-05	2.77E-05	6.31E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.99E-04	1.97E-04	1.96E-04	1.88E-05	2.55E-05	6.36E-04
606172	4122720	1.94E-04	1.93E-04	1.91E-04	1.12E-05	2.73E-05	6.17E-04	Residence	0.00E+00	0.00E+00	2.10E-07	2.48E-08	0.23	0.00	1.94E-04	1.93E-04	1.91E-04	1.82E-05	2.52E-05	6.22E-04
606192	4122720	1.91E-04	1.89E-04	1.88E-04	1.09E-05	2.69E-05	6.05E-04	Residence	0.00E+00	0.00E+00	2.06E-07	2.43E-08	0.23	0.00	1.91E-04	1.89E-04	1.88E-04	1.76E-05	2.48E-05	6.10E-04
606212	4122720	1.86E-04	1.84E-04	1.83E-04	1.05E-05	2.65E-05	5.90E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.37E-08	0.22	0.00	1.86E-04	1.84E-04	1.83E-04	1.71E-05	2.44E-05	5.94E-04
606232	4122720	1.80E-04	1.79E-04	1.78E-04	1.02E-05	2.61E-05	5.73E-04	Residence	0.00E+00	0.00E+00	1.95E-07	2.30E-08	0.22	0.00	1.80E-04	1.79E-04	1.78E-04	1.65E-05	2.40E-05	5.77E-04

606252	4122720	1.74E-04	1.73E-04	1.72E-04	9.81E-06	2.56E-05	5.55E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.23E-08	0.21	0.00	1.74E-04	1.73E-04	1.72E-04	1.59E-05	2.36E-05	5.59E-04
606272	4122720	1.69E-04	1.68E-04	1.67E-04	9.47E-06	2.52E-05	5.39E-04	Residence	0.00E+00	0.00E+00	1.83E-07	2.17E-08	0.20	0.00	1.69E-04	1.68E-04	1.67E-04	1.54E-05	2.32E-05	5.43E-04
606292	4122720	1.65E-04	1.64E-04	1.62E-04	9.15E-06	2.48E-05	5.24E-04	Residence	0.00E+00	0.00E+00	1.78E-07	2.11E-08	0.20	0.00	1.65E-04	1.64E-04	1.62E-04	1.49E-05	2.28E-05	5.28E-04
606312	4122720	1.60E-04	1.59E-04	1.58E-04	8.83E-06	2.43E-05	5.10E-04	Residence	0.00E+00	0.00E+00	1.73E-07	2.05E-08	0.19	0.00	1.60E-04	1.59E-04	1.58E-04	1.43E-05	2.24E-05	5.14E-04
606352	4122720	1.51E-04	1.50E-04	1.49E-04	8.24E-06	2.34E-05	4.82E-04	Residence	0.00E+00	0.00E+00	1.64E-07	1.94E-08	0.18	0.00	1.51E-04	1.50E-04	1.49E-04	1.34E-05	2.16E-05	4.85E-04
606372	4122720	1.47E-04	1.46E-04	1.45E-04	7.96E-06	2.30E-05	4.68E-04	Residence	0.00E+00	0.00E+00	1.59E-07	1.88E-08	0.18	0.00	1.47E-04	1.46E-04	1.45E-04	1.29E-05	2.12E-05	4.72E-04
606412	4122720	1.37E-04	1.37E-04	1.36E-04	7.45E-06	2.21E-05	4.39E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.76E-08	0.17	0.00	1.37E-04	1.37E-04	1.36E-04	1.21E-05	2.03E-05	4.42E-04
606432	4122720	1.33E-04	1.33E-04	1.32E-04	7.21E-06	2.17E-05	4.27E-04	Residence	0.00E+00	0.00E+00	1.45E-07	1.72E-08	0.16	0.00	1.33E-04	1.33E-04	1.32E-04	1.17E-05	1.99E-05	4.30E-04
606452	4122720	1.30E-04	1.29E-04	1.29E-04	6.99E-06	2.13E-05	4.16E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.67E-08	0.16	0.00	1.30E-04	1.29E-04	1.29E-04	1.14E-05	1.96E-05	4.18E-04
606472	4122720	1.26E-04	1.26E-04	1.25E-04	6.78E-06	2.08E-05	4.04E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.26E-04	1.26E-04	1.25E-04	1.10E-05	1.92E-05	4.07E-04
606492	4122720	1.23E-04	1.23E-04	1.22E-04	6.57E-06	2.04E-05	3.96E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.59E-08	0.15	0.00	1.23E-04	1.23E-04	1.22E-04	1.07E-05	1.88E-05	3.98E-04
606512	4122720	1.20E-04	1.19E-04	1.19E-04	6.38E-06	2.00E-05	3.84E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.54E-08	0.15	0.00	1.20E-04	1.19E-04	1.19E-04	1.04E-05	1.84E-05	3.86E-04
606532	4122720	1.16E-04	1.16E-04	1.15E-04	6.19E-06	1.96E-05	3.73E-04	Residence	0.00E+00	0.00E+00	1.27E-07	1.50E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	1.01E-05	1.80E-05	3.75E-04
606552	4122720	1.14E-04	1.13E-04	1.13E-04	6.00E-06	1.92E-05	3.65E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	1.14E-04	1.13E-04	1.13E-04	9.76E-06	1.76E-05	3.67E-04
606572	4122720	1.11E-04	1.11E-04	1.10E-04	5.83E-06	1.87E-05	3.56E-04	Residence	0.00E+00	0.00E+00	1.21E-07	1.43E-08	0.14	0.00	1.11E-04	1.11E-04	1.10E-04	9.47E-06	1.72E-05	3.59E-04
606592	4122720	1.09E-04	1.08E-04	1.08E-04	5.66E-06	1.83E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	1.09E-04	1.08E-04	1.08E-04	9.19E-06	1.69E-05	3.51E-04
606612	4122720	1.06E-04	1.06E-04	1.05E-04	5.49E-06	1.79E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.06E-04	1.06E-04	1.05E-04	8.92E-06	1.65E-05	3.43E-04
606632	4122720	1.04E-04	1.04E-04	1.04E-04	5.33E-06	1.75E-05	3.35E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.35E-08	0.13	0.00	1.04E-04	1.04E-04	1.04E-04	8.67E-06	1.61E-05	3.37E-04
606652	4122720	1.03E-04	1.02E-04	1.02E-04	5.18E-06	1.72E-05	3.30E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.32E-08	0.13	0.00	1.03E-04	1.02E-04	1.02E-04	8.42E-06	1.58E-05	3.31E-04
606732	4122720	9.64E-05	9.60E-05	9.56E-05	4.66E-06	1.57E-05	3.08E-04	Worker	0.00E+00	0.00E+00	1.05E-07	1.24E-08	0.12	0.00	9.64E-05	9.60E-05	9.56E-05	7.58E-06	1.45E-05	3.10E-04
606752	4122720	9.48E-05	9.45E-05	9.41E-05	4.55E-06	1.54E-05	3.03E-04	Worker	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	9.48E-05	9.45E-05	9.41E-05	7.40E-06	1.42E-05	3.05E-04
606772	4122720	9.35E-05	9.31E-05	9.28E-05	4.45E-06	1.51E-05	2.99E-04	Worker	0.00E+00	0.00E+00	1.02E-07	1.20E-08	0.11	0.00	9.35E-05	9.31E-05	9.28E-05	7.24E-06	1.39E-05	3.01E-04
606792	4122720	9.18E-05	9.15E-05	9.11E-05	4.36E-06	1.48E-05	2.94E-04	Worker	0.00E+00	0.00E+00	9.98E-08	1.18E-08	0.11	0.00	9.18E-05	9.15E-05	9.11E-05	7.09E-06	1.36E-05	2.95E-04
606812	4122720	9.04E-05	9.00E-05	8.96E-05	4.28E-06	1.45E-05	2.89E-04	Worker	0.00E+00	0.00E+00	9.81E-08	1.16E-08	0.11	0.00	9.04E-05	9.00E-05	8.96E-05	6.95E-06	1.33E-05	2.90E-04
606832	4122720	8.92E-05	8.88E-05	8.85E-05	4.20E-06	1.42E-05	2.85E-04	Worker	0.00E+00	0.00E+00	9.69E-08	1.15E-08	0.11	0.00	8.92E-05	8.88E-05	8.85E-05	6.82E-06	1.30E-05	2.86E-04
606852	4122720	8.82E-05	8.78E-05	8.75E-05	4.12E-06	1.39E-05	2.82E-04	Worker	0.00E+00	0.00E+00	9.57E-08	1.13E-08	0.11	0.00	8.82E-05	8.78E-05	8.75E-05	6.70E-06	1.28E-05	2.83E-04
607032	4122720	8.09E-05	8.05E-05	8.01E-05	3.57E-06	1.18E-05	2.57E-04	Worker	0.00E+00	0.00E+00	8.73E-08	1.03E-08	0.10	0.00	8.09E-05	8.05E-05	8.01E-05	5.81E-06	1.08E-05	2.58E-04
605632	4122740	3.10E-04	3.07E-04	3.04E-04	1.73E-05	3.54E-05	9.73E-04	Residence	0.00E+00	0.00E+00	3.31E-07	3.91E-08	0.37	0.00	3.10E-04	3.07E-04	3.04E-04	2.80E-05	3.26E-05	9.81E-04
605652	4122740	3.09E-04	3.05E-04	3.02E-04	1.71E-05	3.52E-05	9.69E-04	Residence	0.00E+00	0.00E+00	3.29E-07	3.89E-08	0.37	0.00	3.09E-04	3.05E-04	3.02E-04	2.78E-05	3.24E-05	9.77E-04
605672	4122740	3.08E-04	3.05E-04	3.02E-04	1.70E-05	3.49E-05	9.67E-04	Residence	0.00E+00	0.00E+00	3.29E-07	3.89E-08	0.37	0.00	3.08E-04	3.05E-04	3.02E-04	2.76E-05	3.21E-05	9.75E-04
605692	4122740	3.07E-04	3.04E-04	3.00E-04	1.68E-05	3.46E-05	9.62E-04	Residence	0.00E+00	0.00E+00	3.27E-07	3.87E-08	0.37	0.00	3.07E-04	3.04E-04	3.00E-04	2.73E-05	3.19E-05	9.70E-04
605712	4122740	3.04E-04	3.01E-04	2.98E-04	1.66E-05	3.43E-05	9.54E-04	Residence	0.00E+00	0.00E+00	3.25E-07	3.84E-08	0.36	0.00	3.04E-04	3.01E-04	2.98E-04	2.69E-05	3.16E-05	9.62E-04
605752	4122740	2.96E-04	2.93E-04	2.90E-04	1.61E-05	3.35E-05	9.29E-04	Residence	0.00E+00	0.00E+00	3.16E-07	3.73E-08	0.35	0.00	2.96E-04	2.93E-04	2.90E-04	2.61E-05	3.08E-05	9.36E-04
605812	4122740	2.85E-04	2.82E-04	2.79E-04	1.53E-05	3.23E-05	8.94E-04	Residence	0.00E+00	0.00E+00	3.04E-07	3.59E-08	0.34	0.00	2.85E-04	2.82E-04	2.79E-04	2.48E-05	2.97E-05	9.01E-04
605872	4122740	2.70E-04	2.67E-04	2.64E-04	1.46E-05	3.11E-05	8.46E-04	Residence	0.00E+00	0.00E+00	2.88E-07	3.40E-08	0.32	0.00	2.70E-04	2.67E-04	2.64E-04	2.36E-05	2.86E-05	8.53E-04
605892	4122740	2.65E-04	2.62E-04	2.59E-04	1.43E-05	3.08E-05	8.30E-04	Residence	0.00E+00	0.00E+00	2.82E-07	3.34E-08	0.32	0.00	2.65E-04	2.62E-04	2.59E-04	2.33E-05	2.83E-05	8.37E-04
605952	4122740	2.49E-04	2.46E-04	2.44E-04	1.37E-05	2.98E-05	7.83E-04	Residence	0.00E+00	0.00E+00	2.66E-07	3.15E-08	0.30	0.00	2.49E-04	2.46E-04	2.44E-04	2.23E-05	2.74E-05	7.89E-04
605972	4122740	2.42E-04	2.40E-04	2.37E-04	1.35E-05	2.95E-05	7.62E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.06E-08	0.29	0.00	2.42E-04	2.40E-04	2.37E-04	2.20E-05	2.72E-05	7.68E-04
605992	4122740	2.37E-04	2.35E-04	2.33E-04	1.33E-05	2.92E-05	7.47E-04	Residence	0.00E+00	0.00E+00	2.54E-07	3.00E-08	0.28	0.00	2.37E-04	2.35E-04	2.33E-04	2.17E-05	2.69E-05	7.53E-04
606112	4122740	2.05E-04	2.03E-04	2.02E-04	1.17E-05	2.73E-05	6.49E-04	Residence	0.00E+00	0.00E+00	2.21E-07	2.61E-08	0.25	0.00	2.05E-04	2.03E-04	2.02E-04	1.91E-05	2.52E-05	6.54E-04
606132	4122740	1.98E-04	1.97E-04	1.95E-04	1.14E-05	2.70E-05	6.28E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.98E-04	1.97E-04	1.95E-04	1.85E-05	2.48E-05	6.33E-04
606152	4122740	1.93E-04	1.92E-04	1.90E-04	1.11E-05	2.66E-05	6.13E-04	Residence	0.00E+00	0.00E+00	2.09E-07	2.47E-08	0.23	0.00	1.93E-04	1.92E-04	1.90E-04	1.80E-05	2.45E-05	6.18E-04
606172	4122740	1.89E-04	1.88E-04	1.86E-04	1.07E-05	2.62E-05	6.00E-04	Residence	0.00E+00	0.00E+00	2.04E-07	2.41E-08	0.23	0.00	1.89E-04	1.88E-04	1.86E-04	1.75E-05	2.41E-05	6.05E-04
606192	4122740	1.85E-04	1.84E-04	1.83E-04	1.04E-05	2.58E-05	5.88E-04	Residence	0.00E+00	0.00E+00	2.00E-07	2.36E-08	0.22	0.00	1.85E-04	1.84E-04	1.83E-04	1.69E-05	2.38E-05	5.92E-04
606212	4122740	1.80E-04	1.79E-04	1.78E-04	1.01E-05	2.54E-05	5.73E-04	Residence	0.00E+00	0.00E+00	1.95E-07	2.30E-08	0.22	0.00	1.80E-04	1.79E-04	1.78E-04	1.64E-05	2.34E-05	5.77E-04
606232	4122740	1.76E-04	1.75E-04	1.73E-04	9.75E-06	2.50E-05	5.59E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.25E-08	0.21	0.00	1.76E-04	1.75E-04	1.73E-04	1.58E-05	2.30E-05	5.63E-04
606252	4122740	1.71E-04	1.69E-04	1.68E-04	9.43E-06	2.46E-05	5.43E-04	Residence	0.00E+00	0.00E+00	1.84E-07	2.18E-08	0.21	0.00	1.71E-04	1.69E-04	1.68E-04	1.53E-05	2.27E-05	5.46E-04
606272	4122740	1.66E-04	1.65E-04	1.64E-04	9.11E-06	2.42E-05	5.28E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.12E-08	0.20	0.00	1.66E-04	1.65E-04	1.64E-04	1.48E-05	2.23E-05	5.32E-04
606292	4122740	1.61E-04	1.60E-04	1.59E-04	8.81E-06	2.38E-05	5.13E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.06E-08	0.20	0.00	1.61E-04	1.60E-04	1.59E-04	1.43E-05	2.19E-05	5.17E-04
606312	4122740	1.57E-04	1.56E-04	1.55E-04	8.51E-06	2.34E-05	4.99E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.57E-04	1.56E-04	1.55E-04	1.38E-05	2.15E-05	5.03E-04
606352	4122740	1.48E-04	1.47E-04	1.47E-04	7.95E-06	2.26E-05	4.73E-04	Residence	0.00E+00	0.00E+00	1.61E-07	1.90E-08	0.18	0.00	1.48E-04	1.47E-04	1.47E-04	1.29E-05	2.08E-05	4.76E-04
606392	4122740	1.41E-04	1.40E-04	1.39E-04	7.44E-06	2.18E-05	4.49E-04	Residence	0.00E+00	0.00E+00	1.53E-07	1.80E-08	0.17	0.00	1.41E-04	1.40E-04	1.39E-04	1.21E-05	2.00E-05	4.52E-04
606412	4122740	1.35E-04	1.34E-04	1.34E-04	7.20E-06	2.13E-05	4.32E-04	Residence	0.00E+00	0.00E+00	1.47E-07	1.74E-08	0.16	0.00	1.35E-04	1.34E-04	1.34E-04	1.17E-05	1.96E-05	4.34E-04
606432	4122740	1.32E-04	1.31E-04	1.30E-04	6.98E-06	2.09E-05	4.21E-04	Residence	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	1.32E-04	1.31E-04	1.30E-04	1.13E-05	1.93E-05	4.23E-04
606452	4122740	1.28E-04	1.27E-04	1.27E-04	6.77E-06	2.05E-05	4.09E-04	Residence	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.28E-04	1.27E-04	1.27E-04	1.10E-05	1.89E-05	4.11E-04
606472	4122740	1.25E-04	1.24E-04	1.23E-04	6.56E-06	2.01E-05	3.99E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.60E-08	0.15	0.00	1.25E-04	1.24E-04	1.23E-04	1.07E-05	1.85E-05	4.01E-04
606492	4122740	1.21E-04	1.21E-04	1.20E-04	6.37E-06	1.97E-05	3.89E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.21E-04	1.21E-04	1.20E-04	1.04E-05	1.82E-05	3.91E-04
606512	4122740	1.17E-04	1.17E-04	1.16E-04	6.18E-06	1.93E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.17E-04	1.17E-04	1.16E-04	1.00E-05	1.78E-05	3.78E-04
606532	4122740	1.15E-04	1.14E-04	1.14E-04	6.01E-06	1.89E-05	3.68E-04	Residence	0.00E+00	0.00E+00	1.25E-07	1.48E-08	0.14	0.00	1.15E-04	1.14E-04	1.14E-04	9.76E-06	1.74E-05	3.70E-04
606552	4122740	1.12E-04	1.12E-04	1.11E-04	5.83E-06	1.86E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.12E-04	1.12E-04	1.11E-04	9.48E-06	1.71E-05	3.61E-04
606572	4122740	1.09E-04	1.09E-04	1.08E-04	5.67E-06	1.82E-05	3.50E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.41E-08	0.13	0.00	1.09E-04	1.09E-04	1.08E-04	9.21E-06	1.67E-05	3.52E-04
606592	4122740	1.08E-04	1.08E-04	1.07E-04	5.50E-06	1.78E-05	3.46E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	8.94E-06	1.64E-05	3.48E-04
606612	4122740	1.05E-04	1.05E-04	1.04E-04	5.35E-06	1.74E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.36E-08	0.13	0.00	1.05E-04	1.05E-04	1.04E-04	8.69E-06	1.60E-05	3.39E-04
606632	4122740	1.03E-04	1.03E-04	1.02E-04	5.19E-06	1.70E-05	3.30E-04	Residence	0.00E+00	0.00E+00	1.12E-07	1.33E-08	0.13	0.00	1.03E-04	1.03E-04	1.02E-04	8.44E-06	1.57E-05	3.32E-04
606732	4122740	9.47E-05	9.43E-05	9.40E-05	4.54E-06	1.53E-05	3.03E-04	Worker	0.00E+00	0.00E+00	1.03E-07	1.22E-08	0.12	0.00	9.47E-05	9.43E-05	9.40E-05	7.38E-06	1.41E-05	3.04E-04
606752	4122740	9.32E-05	9.29E-05	9.25E-05	4.44E-06	1.50E-05	2.98E-04	Worker	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	9.32E-05	9.29E-05	9.25E-05	7.21E-06	1.38E-05	3.00E-04
606772	4122740	9.19E-05	9.16E-05	9.12E-05	4.34E-06	1.47E-05	2.94E-04	Worker	0.00E+00	0.00E+00	9.99E-08	1.18E-08	0.11	0.00	9.19E-05	9.16E-05	9.12E-05	7.05E-06	1.35E-05	2.95E-04
606792	4122740	9.03E-05	8.99E-05	8.96E-05	4.25E-06	1.44E-05	2.88E-04	Worker	0.00E+00	0.00E+00	9.81E-08	1.16E-08	0.11	0.00	9.03E-05	8.99E-05	8.96E-05	6.90E-06	1.32E-05	2.90E-04
606812	4122740	8.91E-05	8.87E-05	8.84E-05	4.16E-06	1.41E-05	2.84E-04	Worker	0.00E+00	0.00E+00	9.67E-08	1.14E-08	0.11	0.00	8.91E-05	8.87E-05	8.84E-05	6.76E-06	1.30E-05	2.86E-04
606832	4122740	8.81E-05	8.77E-05	8.74E-05	4.08E-06	1.38E-05	2.81E-04	Worker	0.00E+00	0.00E+00	9.56E-08	1.13E-08	0.11	0.00	8.81E-05	8.77E-05	8.74E-05	6.64E-06	1.27E-05	2.83E-04
606952	4122740	8.24E-05	8.19E-05	8.16E-05	3.70E-06	1.23E-05	2.62E-04	Worker	0.00E+00	0.00E+00	8.91E-08	1.05E-08	0.10	0.00	8.24E-05	8.19E-05	8.16E-05	6.01E-06	1.14E-05	2.63E-04
606972	4122740	8.11E-05	8.07E-05	8.03E-05	3.64E-06	1.21E-05	2.58E-04	Worker	0.00E+00	0.00E+00	8.76E-08	1.04E-08	0.10	0.00	8.11E-05	8.07E-05	8.03E-05	5.92E-06	1.11E-05	2.59E-04
606992	4122740	8.09E-05	8.05E-05	8.01E-05	3.59E-06	1.19E-05	2.57E-04	Worker	0.00E+00	0.00E+00	8.74E-08	1.03E-08	0.10	0.00	8.09E-05	8.05E-05	8.01E-05	5.84E-06	1.10E-05	2.58E-04
607012	4122740	8.04E-05	7.99E-05	7.96E-05	3.54E-06	1.17E-05	2.55E-04	Worker	0.00E+00	0.00E+00	8.67E-08	1.03E-08	0.10	0.00	8.04E-05	7.99E-05	7.96E-05	5.75E-06	1.08E-05	2.56E-04
607032	4122740	7.95E-05	7.91E-05	7.87E-05	3.48E-06	1.15E-05	2.52E-04	Worker	0.00E+00	0.00E+00	8.58E-08	1.01E-08	0.10	0.00	7.95E-05	7.91E-05	7.87E-05	5.66E-06	1.06E-05	2.54E-04
607052	4122740	7.89E-05	7.85E-05	7.81E-05	3.43E-06	1.13E-05	2.50E-04	Worker	0.00E+00	0.00E+00	8.51E-08	1.01E-08	0.10	0.00	7.89E-05	7.85E-05	7.81E-05	5.58E-06	1.04E-05	2.51E-04
605632	4122760	3.01E-04	2.98E-04	2.95E-04	1.65E-05	3.39E-05	9.44E-04	Residence	0.00E+00	0.00E+00	3.21E-07	3.79E-08	0.36	0.00	3.01E-04	2.98E-04	2.95E-04	2.68E-05	3.12E-05	9.51E-04
605652	4122760	2.98E-04	2.95E-04	2.92E-04	1.63E-05	3.36E-05	9.35E-04	Residence	0.00E+00	0.00E+00	3.18E-07	3.76E-08	0.36	0.00	2.98E-04	2.95E-04	2.92E-04	2.66E-05	3.10E-05	9.43E-04
605672	4122760	2.98E-04	2.94E-04	2.91E-04	1.62E-05	3.34E-05	9.33E-04	Residence	0.00E+00	0.00E+00	3.17E-07	3.75E-08	0.35	0.00	2.98E-04	2.94E-04	2.91E-04	2.63E-05	3.07E-05	9.40E-04
605692	4122760	2.96E-04	2.93E-04	2.90E-04	1.60E-05	3.31E-05	9.28E-04	Residence	0.00E+00	0.00E+00	3.16E-07	3.73E-08	0.35	0.00	2.96E-04	2.93E-04	2.90E-04	2.60E-05	3.04E-05	9.36E-04
605712	4122760	2.95E-04	2.92E-04	2.89E-04	1.58E-05	3.28E-05	9.24E-04	Residence	0.00E+00	0.00E+00	3.14E-07	3.72E-08	0.35	0.00	2.95E-04	2.92E-04	2.89E-04	2.56E-05	3.01E-05	9.32E-04
605752	4122760	2.86E-04	2.83E-04	2.80E-04	1.53E-05	3.20E-05	8.96E-04	Residence	0.00E+00	0.00E+00	3.05E-07	3.60E-08	0.34	0.00	2.86E-04	2.83E-04	2.80E-04	2.48E-05	2.94E-05	9.03E-04
605772	4122760	2.83E-04	2.80E-04	2.77E-04	1.50E-05	3.16E-05	8.87E-04	Residence	0.00E+00	0.00E+00	3.02E-07	3.56E-08	0.34	0.00	2.83E-04	2.80E-04	2.77E-04	2.44E-05	2.91E-05	8.94E-04

605812	4122760	2.75E-04	2.72E-04	2.69E-04	1.45E-05	3.08E-05	8.62E-04	Residence	0.00E+00	0.00E+00	2.93E-07	3.47E-08	0.33	0.00	2.75E-04	2.72E-04	2.69E-04	2.36E-05	2.84E-05	8.69E-04
605832	4122760	2.71E-04	2.68E-04	2.65E-04	1.43E-05	3.05E-05	8.48E-04	Residence	0.00E+00	0.00E+00	2.88E-07	3.41E-08	0.32	0.00	2.71E-04	2.68E-04	2.65E-04	2.33E-05	2.80E-05	8.54E-04
605872	4122760	2.61E-04	2.58E-04	2.55E-04	1.39E-05	2.98E-05	8.18E-04	Residence	0.00E+00	0.00E+00	2.78E-07	3.29E-08	0.31	0.00	2.61E-04	2.58E-04	2.55E-04	2.26E-05	2.74E-05	8.24E-04
605892	4122760	2.56E-04	2.53E-04	2.50E-04	1.37E-05	2.94E-05	8.02E-04	Residence	0.00E+00	0.00E+00	2.73E-07	3.23E-08	0.31	0.00	2.56E-04	2.53E-04	2.50E-04	2.23E-05	2.71E-05	8.09E-04
605912	4122760	2.51E-04	2.48E-04	2.46E-04	1.35E-05	2.91E-05	7.87E-04	Residence	0.00E+00	0.00E+00	2.68E-07	3.16E-08	0.30	0.00	2.51E-04	2.48E-04	2.46E-04	2.20E-05	2.68E-05	7.93E-04
605952	4122760	2.41E-04	2.39E-04	2.36E-04	1.31E-05	2.86E-05	7.58E-04	Residence	0.00E+00	0.00E+00	2.58E-07	3.05E-08	0.29	0.00	2.41E-04	2.39E-04	2.36E-04	2.14E-05	2.63E-05	7.64E-04
605972	4122760	2.34E-04	2.32E-04	2.30E-04	1.30E-05	2.83E-05	7.38E-04	Residence	0.00E+00	0.00E+00	2.51E-07	2.97E-08	0.28	0.00	2.34E-04	2.32E-04	2.30E-04	2.11E-05	2.60E-05	7.44E-04
605992	4122760	2.29E-04	2.27E-04	2.25E-04	1.28E-05	2.80E-05	7.23E-04	Residence	0.00E+00	0.00E+00	2.46E-07	2.91E-08	0.27	0.00	2.29E-04	2.27E-04	2.25E-04	2.07E-05	2.58E-05	7.29E-04
606112	4122760	1.99E-04	1.98E-04	1.96E-04	1.12E-05	2.62E-05	6.31E-04	Residence	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.99E-04	1.98E-04	1.96E-04	1.82E-05	2.41E-05	6.36E-04
606132	4122760	1.93E-04	1.91E-04	1.90E-04	1.09E-05	2.59E-05	6.11E-04	Residence	0.00E+00	0.00E+00	2.08E-07	2.46E-08	0.23	0.00	1.93E-04	1.91E-04	1.90E-04	1.77E-05	2.38E-05	6.16E-04
606152	4122760	1.89E-04	1.87E-04	1.86E-04	1.06E-05	2.55E-05	5.98E-04	Residence	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.89E-04	1.87E-04	1.86E-04	1.72E-05	2.35E-05	6.03E-04
606172	4122760	1.84E-04	1.83E-04	1.82E-04	1.03E-05	2.52E-05	5.85E-04	Residence	0.00E+00	0.00E+00	1.99E-07	2.35E-08	0.22	0.00	1.84E-04	1.83E-04	1.82E-04	1.67E-05	2.32E-05	5.89E-04
606192	4122760	1.80E-04	1.79E-04	1.78E-04	9.99E-06	2.48E-05	5.71E-04	Residence	0.00E+00	0.00E+00	1.94E-07	2.30E-08	0.22	0.00	1.80E-04	1.79E-04	1.78E-04	1.62E-05	2.28E-05	5.76E-04
606212	4122760	1.76E-04	1.74E-04	1.73E-04	9.68E-06	2.45E-05	5.57E-04	Residence	0.00E+00	0.00E+00	1.90E-07	2.24E-08	0.21	0.00	1.76E-04	1.74E-04	1.73E-04	1.57E-05	2.25E-05	5.61E-04
606232	4122760	1.71E-04	1.70E-04	1.69E-04	9.37E-06	2.41E-05	5.43E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.18E-08	0.21	0.00	1.71E-04	1.70E-04	1.69E-04	1.52E-05	2.21E-05	5.47E-04
606252	4122760	1.66E-04	1.65E-04	1.64E-04	9.07E-06	2.37E-05	5.29E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.13E-08	0.20	0.00	1.66E-04	1.65E-04	1.64E-04	1.47E-05	2.18E-05	5.33E-04
606272	4122760	1.62E-04	1.61E-04	1.60E-04	8.77E-06	2.33E-05	5.16E-04	Residence	0.00E+00	0.00E+00	1.75E-07	2.07E-08	0.20	0.00	1.62E-04	1.61E-04	1.60E-04	1.43E-05	2.14E-05	5.19E-04
606292	4122760	1.57E-04	1.56E-04	1.55E-04	8.48E-06	2.29E-05	5.01E-04	Residence	0.00E+00	0.00E+00	1.70E-07	2.01E-08	0.19	0.00	1.57E-04	1.56E-04	1.55E-04	1.38E-05	2.11E-05	5.04E-04
606312	4122760	1.54E-04	1.53E-04	1.52E-04	8.21E-06	2.25E-05	4.89E-04	Residence	0.00E+00	0.00E+00	1.66E-07	1.97E-08	0.19	0.00	1.54E-04	1.53E-04	1.52E-04	1.33E-05	2.07E-05	4.93E-04
606352	4122760	1.46E-04	1.45E-04	1.44E-04	7.68E-06	2.18E-05	4.64E-04	Residence	0.00E+00	0.00E+00	1.58E-07	1.86E-08	0.18	0.00	1.46E-04	1.45E-04	1.44E-04	1.25E-05	2.00E-05	4.67E-04
606392	4122760	1.38E-04	1.37E-04	1.36E-04	7.19E-06	2.10E-05	4.39E-04	Residence	0.00E+00	0.00E+00	1.49E-07	1.77E-08	0.17	0.00	1.38E-04	1.37E-04	1.36E-04	1.17E-05	1.93E-05	4.42E-04
606412	4122760	1.33E-04	1.32E-04	1.32E-04	6.97E-06	2.06E-05	4.24E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.33E-04	1.32E-04	1.32E-04	1.13E-05	1.89E-05	4.27E-04
606432	4122760	1.29E-04	1.29E-04	1.28E-04	6.76E-06	2.02E-05	4.14E-04	Residence	0.00E+00	0.00E+00	1.41E-07	1.66E-08	0.16	0.00	1.29E-04	1.29E-04	1.28E-04	1.10E-05	1.86E-05	4.16E-04
606452	4122760	1.26E-04	1.26E-04	1.25E-04	6.55E-06	1.98E-05	4.03E-04	Residence	0.00E+00	0.00E+00	1.37E-07	1.62E-08	0.15	0.00	1.26E-04	1.26E-04	1.25E-04	1.07E-05	1.83E-05	4.05E-04
606472	4122760	1.23E-04	1.22E-04	1.21E-04	6.36E-06	1.95E-05	3.92E-04	Residence	0.00E+00	0.00E+00	1.33E-07	1.57E-08	0.15	0.00	1.23E-04	1.22E-04	1.21E-04	1.03E-05	1.79E-05	3.94E-04
606492	4122760	1.19E-04	1.19E-04	1.18E-04	6.18E-06	1.91E-05	3.82E-04	Residence	0.00E+00	0.00E+00	1.30E-07	1.54E-08	0.15	0.00	1.19E-04	1.19E-04	1.18E-04	1.00E-05	1.76E-05	3.84E-04
606512	4122760	1.15E-04	1.15E-04	1.15E-04	6.00E-06	1.87E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.15E-04	1.15E-04	1.15E-04	9.75E-06	1.72E-05	3.72E-04
606532	4122760	1.13E-04	1.13E-04	1.12E-04	5.83E-06	1.83E-05	3.62E-04	Residence	0.00E+00	0.00E+00	1.23E-07	1.46E-08	0.14	0.00	1.13E-04	1.13E-04	1.12E-04	9.48E-06	1.69E-05	3.64E-04
606552	4122760	1.10E-04	1.10E-04	1.09E-04	5.67E-06	1.80E-05	3.53E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.10E-04	1.10E-04	1.09E-04	9.21E-06	1.65E-05	3.55E-04
606572	4122760	1.08E-04	1.08E-04	1.07E-04	5.51E-06	1.76E-05	3.47E-04	Residence	0.00E+00	0.00E+00	1.18E-07	1.39E-08	0.13	0.00	1.08E-04	1.08E-04	1.07E-04	8.96E-06	1.62E-05	3.49E-04
606592	4122760	1.07E-04	1.06E-04	1.06E-04	5.36E-06	1.73E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.07E-04	1.06E-04	1.06E-04	8.71E-06	1.59E-05	3.43E-04
606612	4122760	1.04E-04	1.04E-04	1.03E-04	5.21E-06	1.69E-05	3.33E-04	Residence	0.00E+00	0.00E+00	1.13E-07	1.34E-08	0.13	0.00	1.04E-04	1.04E-04	1.03E-04	8.46E-06	1.56E-05	3.35E-04
606732	4122760	9.33E-05	9.30E-05	9.26E-05	4.43E-06	1.49E-05	2.98E-04	Worker	0.00E+00	0.00E+00	1.01E-07	1.20E-08	0.11	0.00	9.33E-05	9.30E-05	9.26E-05	7.20E-06	1.37E-05	3.00E-04
606752	4122760	9.20E-05	9.16E-05	9.13E-05	4.33E-06	1.46E-05	2.94E-04	Worker	0.00E+00	0.00E+00	9.99E-08	1.18E-08	0.11	0.00	9.20E-05	9.16E-05	9.13E-05	7.03E-06	1.34E-05	2.95E-04
606772	4122760	9.06E-05	9.02E-05	8.99E-05	4.23E-06	1.43E-05	2.89E-04	Worker	0.00E+00	0.00E+00	9.84E-08	1.16E-08	0.11	0.00	9.06E-05	9.02E-05	8.99E-05	6.87E-06	1.32E-05	2.91E-04
606792	4122760	8.91E-05	8.87E-05	8.84E-05	4.14E-06	1.40E-05	2.84E-04	Worker	0.00E+00	0.00E+00	9.67E-08	1.14E-08	0.11	0.00	8.91E-05	8.87E-05	8.84E-05	6.73E-06	1.29E-05	2.86E-04
606812	4122760	8.80E-05	8.76E-05	8.73E-05	4.06E-06	1.37E-05	2.81E-04	Worker	0.00E+00	0.00E+00	9.54E-08	1.13E-08	0.11	0.00	8.80E-05	8.76E-05	8.73E-05	6.59E-06	1.26E-05	2.82E-04
606952	4122760	8.09E-05	8.05E-05	8.01E-05	3.60E-06	1.21E-05	2.57E-04	Worker	0.00E+00	0.00E+00	8.74E-08	1.03E-08	0.10	0.00	8.09E-05	8.05E-05	8.01E-05	5.86E-06	1.11E-05	2.58E-04
606972	4122760	8.00E-05	7.96E-05	7.92E-05	3.55E-06	1.18E-05	2.54E-04	Worker	0.00E+00	0.00E+00	8.64E-08	1.02E-08	0.10	0.00	8.00E-05	7.96E-05	7.92E-05	5.77E-06	1.09E-05	2.55E-04
606992	4122760	7.94E-05	7.90E-05	7.86E-05	3.50E-06	1.16E-05	2.52E-04	Worker	0.00E+00	0.00E+00	8.57E-08	1.01E-08	0.10	0.00	7.94E-05	7.90E-05	7.86E-05	5.69E-06	1.07E-05	2.53E-04
607012	4122760	7.87E-05	7.82E-05	7.79E-05	3.45E-06	1.14E-05	2.50E-04	Worker	0.00E+00	0.00E+00	8.49E-08	1.00E-08	0.09	0.00	7.87E-05	7.82E-05	7.79E-05	5.60E-06	1.05E-05	2.51E-04
607032	4122760	7.79E-05	7.75E-05	7.71E-05	3.40E-06	1.12E-05	2.47E-04	Worker	0.00E+00	0.00E+00	8.40E-08	9.93E-09	0.09	0.00	7.79E-05	7.75E-05	7.71E-05	5.52E-06	1.03E-05	2.48E-04
607052	4122760	7.68E-05	7.64E-05	7.60E-05	3.35E-06	1.10E-05	2.44E-04	Worker	0.00E+00	0.00E+00	8.28E-08	9.79E-09	0.09	0.00	7.68E-05	7.64E-05	7.60E-05	5.44E-06	1.02E-05	2.45E-04
605632	4122780	2.94E-04	2.91E-04	2.88E-04	1.58E-05	3.25E-05	9.22E-04	Residence	0.00E+00	0.00E+00	3.14E-07	3.71E-08	0.35	0.00	2.94E-04	2.91E-04	2.88E-04	2.56E-05	2.99E-05	9.29E-04
605652	4122780	2.90E-04	2.87E-04	2.84E-04	1.56E-05	3.22E-05	9.10E-04	Residence	0.00E+00	0.00E+00	3.09E-07	3.66E-08	0.35	0.00	2.90E-04	2.87E-04	2.84E-04	2.54E-05	2.96E-05	9.17E-04
605672	4122780	2.88E-04	2.85E-04	2.82E-04	1.54E-05	3.19E-05	9.03E-04	Residence	0.00E+00	0.00E+00	3.07E-07	3.63E-08	0.34	0.00	2.88E-04	2.85E-04	2.82E-04	2.51E-05	2.94E-05	9.10E-04
605692	4122780	2.87E-04	2.84E-04	2.81E-04	1.52E-05	3.16E-05	9.00E-04	Residence	0.00E+00	0.00E+00	3.06E-07	3.62E-08	0.34	0.00	2.87E-04	2.84E-04	2.81E-04	2.48E-05	2.91E-05	9.07E-04
605712	4122780	2.86E-04	2.83E-04	2.80E-04	1.50E-05	3.13E-05	8.95E-04	Residence	0.00E+00	0.00E+00	3.04E-07	3.60E-08	0.34	0.00	2.86E-04	2.83E-04	2.80E-04	2.44E-05	2.88E-05	9.02E-04
605752	4122780	2.76E-04	2.73E-04	2.70E-04	1.46E-05	3.06E-05	8.65E-04	Residence	0.00E+00	0.00E+00	2.94E-07	3.48E-08	0.33	0.00	2.76E-04	2.73E-04	2.70E-04	2.37E-05	2.81E-05	8.71E-04
605772	4122780	2.74E-04	2.71E-04	2.68E-04	1.43E-05	3.02E-05	8.58E-04	Residence	0.00E+00	0.00E+00	2.92E-07	3.45E-08	0.33	0.00	2.74E-04	2.71E-04	2.68E-04	2.33E-05	2.78E-05	8.64E-04
605792	4122780	2.70E-04	2.67E-04	2.64E-04	1.41E-05	2.98E-05	8.45E-04	Residence	0.00E+00	0.00E+00	2.87E-07	3.40E-08	0.32	0.00	2.70E-04	2.67E-04	2.64E-04	2.29E-05	2.75E-05	8.52E-04
605812	4122780	2.66E-04	2.63E-04	2.60E-04	1.39E-05	2.95E-05	8.32E-04	Residence	0.00E+00	0.00E+00	2.83E-07	3.34E-08	0.32	0.00	2.66E-04	2.63E-04	2.60E-04	2.26E-05	2.71E-05	8.38E-04
605872	4122780	2.52E-04	2.50E-04	2.47E-04	1.33E-05	2.85E-05	7.90E-04	Residence	0.00E+00	0.00E+00	2.69E-07	3.18E-08	0.30	0.00	2.52E-04	2.50E-04	2.47E-04	2.16E-05	2.62E-05	7.96E-04
605892	4122780	2.47E-04	2.45E-04	2.42E-04	1.31E-05	2.82E-05	7.76E-04	Residence	0.00E+00	0.00E+00	2.64E-07	3.12E-08	0.30	0.00	2.47E-04	2.45E-04	2.42E-04	2.13E-05	2.59E-05	7.82E-04
605912	4122780	2.43E-04	2.40E-04	2.38E-04	1.29E-05	2.79E-05	7.62E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.06E-08	0.29	0.00	2.43E-04	2.40E-04	2.38E-04	2.10E-05	2.57E-05	7.67E-04
605952	4122780	2.34E-04	2.31E-04	2.29E-04	1.26E-05	2.74E-05	7.34E-04	Residence	0.00E+00	0.00E+00	2.49E-07	2.95E-08	0.28	0.00	2.34E-04	2.31E-04	2.29E-04	2.05E-05	2.52E-05	7.39E-04
605992	4122780	2.22E-04	2.20E-04	2.19E-04	1.22E-05	2.69E-05	7.00E-04	Residence	0.00E+00	0.00E+00	2.38E-07	2.82E-08	0.27	0.00	2.22E-04	2.20E-04	2.19E-04	1.99E-05	2.47E-05	7.06E-04
606112	4122780	1.94E-04	1.92E-04	1.91E-04	1.08E-05	2.52E-05	6.12E-04	Residence	0.00E+00	0.00E+00	2.08E-07	2.46E-08	0.23	0.00	1.94E-04	1.92E-04	1.91E-04	1.75E-05	2.32E-05	6.17E-04
606132	4122780	1.88E-04	1.87E-04	1.85E-04	1.05E-05	2.49E-05	5.96E-04	Residence	0.00E+00	0.00E+00	2.02E-07	2.39E-08	0.23	0.00	1.88E-04	1.87E-04	1.85E-04	1.70E-05	2.29E-05	6.00E-04
606152	4122780	1.84E-04	1.83E-04	1.82E-04	1.02E-05	2.45E-05	5.84E-04	Residence	0.00E+00	0.00E+00	1.98E-07	2.35E-08	0.22	0.00	1.84E-04	1.83E-04	1.82E-04	1.66E-05	2.26E-05	5.88E-04
606172	4122780	1.80E-04	1.79E-04	1.78E-04	9.89E-06	2.42E-05	5.71E-04	Residence	0.00E+00	0.00E+00	1.94E-07	2.30E-08	0.22	0.00	1.80E-04	1.79E-04	1.78E-04	1.61E-05	2.23E-05	5.75E-04
606192	4122780	1.76E-04	1.74E-04	1.73E-04	9.60E-06	2.39E-05	5.57E-04	Residence	0.00E+00	0.00E+00	1.89E-07	2.24E-08	0.21	0.00	1.76E-04	1.74E-04	1.73E-04	1.56E-05	2.20E-05	5.61E-04
606212	4122780	1.72E-04	1.70E-04	1.69E-04	9.31E-06	2.35E-05	5.44E-04	Residence	0.00E+00	0.00E+00	1.85E-07	2.19E-08	0.21	0.00	1.72E-04	1.70E-04	1.69E-04	1.51E-05	2.16E-05	5.48E-04
606232	4122780	1.67E-04	1.66E-04	1.65E-04	9.02E-06	2.32E-05	5.30E-04	Residence	0.00E+00	0.00E+00	1.80E-07	2.13E-08	0.20	0.00	1.67E-04	1.66E-04	1.65E-04	1.46E-05	2.13E-05	5.34E-04
606252	4122780	1.63E-04	1.62E-04	1.61E-04	8.73E-06	2.28E-05	5.16E-04	Residence	0.00E+00	0.00E+00	1.76E-07	2.08E-08	0.20	0.00	1.63E-04	1.62E-04	1.61E-04	1.42E-05	2.10E-05	5.20E-04
606272	4122780	1.59E-04	1.58E-04	1.57E-04	8.45E-06	2.24E-05	5.04E-04	Residence	0.00E+00	0.00E+00	1.71E-07	2.03E-08	0.19	0.00	1.59E-04	1.58E-04	1.57E-04	1.37E-05	2.06E-05	5.07E-04
606292	4122780	1.55E-04	1.54E-04	1.53E-04	8.18E-06	2.21E-05	4.91E-04	Residence	0.00E+00	0.00E+00	1.67E-07	1.98E-08	0.19	0.00	1.55E-04	1.54E-04	1.53E-04	1.33E-05	2.03E-05	4.95E-04
606312	4122780	1.51E-04	1.50E-04	1.49E-04	7.92E-06	2.17E-05	4.79E-04	Residence	0.00E+00	0.00E+00	1.63E-07	1.92E-08	0.18	0.00	1.51E-04	1.50E-04	1.49E-04	1.29E-05	2.00E-05	4.82E-04
606352	4122780	1.42E-04	1.42E-04	1.41E-04	7.42E-06	2.10E-05	4.53E-04	Residence	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.42E-04	1.42E-04	1.41E-04	1.21E-05	1.93E-05	4.56E-04
606372	4122780	1.39E-04	1.38E-04	1.37E-04	7.18E-06	2.06E-05	4.42E-04	Residence	0.00E+00	0.00E+00	1.50E-07	1.78E-08	0.17	0.00	1.39E-04	1.38E-04	1.37E-04	1.17E-05	1.90E-05	4.45E-04
606392	4122780	1.35E-04	1.34E-04	1.34E-04	6.96E-06	2.03E-05	4.30E-04	Residence	0.00E+00	0.00E+00	1.46E-07	1.73E-08	0.16	0.00	1.35E-04	1.34E-04	1.34E-04	1.13E-05	1.86E-05	4.33E-04
606412	4122780	1.31E-04	1.31E-04	1.30E-04	6.75E-06	1.99E-05	4.18E-04	Residence	0.00E+00	0.00E+00	1.42E-07	1.68E-08	0.16	0.00	1.31E-04	1.31E-04	1.30E-04	1.10E-05	1.83E-05	4.21E-04
606432	4122780	1.28E-04	1.27E-04	1.26E-04	6.54E-06	1.95E-05	4.07E-04	Residence	0.00E+00	0.00E+00	1.38E-07	1.64E-08	0.15	0.00	1.28E-04	1.27E-04	1.26E-04	1.06E-05	1.80E-05	4.09E-04
606452	4122780	1.24E-04	1.24E-04	1.23E-04	6.35E-06	1.92E-05	3.96E-04	Residence	0.00E+00	0.00E+00	1.35E-07	1.59E-08	0.15	0.00	1.24E-04	1.24E-04	1.23E-04	1.03E-05	1.77E-05	3.98E-04
606472	4122780	1.21E-04	1.20E-04	1.20E-04	6.17E-06	1.88E-05	3.85E-04	Residence	0.00E+00	0.00E+00	1.31E-07	1.55E-08	0.15	0.00	1.21E-04	1.20E-04	1.20E-04	1.00E-05	1.73E-05	3.88E-04
606492	4122780	1.18E-04	1.17E-04	1.17E-04	6.00E-06	1.85E-05	3.76E-04	Residence	0.00E+00	0.00E+00	1.28E-07	1.51E-08	0.14	0.00	1.18E-04	1.17E-04	1.17E-04	9.74E-06	1.70E-05	3.78E-04
606512	4122780	1.14E-04	1.14E-04	1.13E-04	5.83E-06	1.81E-05	3.65E-04	Residence	0.00E+00	0.00E+00	1.24E-07	1.47E-08	0.14	0.00	1.14E-04	1.14E-04	1.13E-04	9.47E-06	1.67E-05	3.67E-04
606532	4122780	1.12E-04	1.11E-04	1.11E-04	5.67E-06	1.78E-05	3.57E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.12E-04	1.11E-04	1.11E-04	9.21E-06	1.64E-05	3.59E-04
606552	4122780	1.09E-04	1.09E-04	1.08E-04	5.51E-06	1.74E-05	3.49E-04	Residence	0.00E+00	0.00E+00	1.19E-07	1.40E-08	0.13	0.00	1.09E-04	1.09E-04	1.08E-04	8.96E-06	1.60E-05	3.52E-04
606572	4122780	1.07E-04	1.06E-04	1.06E-04	5.36E-06	1.71E-05	3.41E-04	Residence	0.00E+00	0.00E+00	1.16E-07	1.37E-08	0.13	0.00	1.07E-04	1.06E-04	1.06E-04	8.71E-06	1.57E-05	3.43E-04
606592	4122780	1.05E-04	1.04E-04	1.04E-04	5.21E-06	1.68E-05	3.34E-04	Residence	0.00E+00	0.00E+00	1.14E-07	1.34E-08	0.13	0.00	1.05E-04	1.04E-04	1.04E-04	8.47E-06	1.54E-05	3.36E-04
606852	4122780	8.34E-05	8.30E-05	8.27E-05	3.81E-06	1.29E-05	2.66E-04	Worker	0.00E+00	0.00E+00	9.04E-08	1.07E-08	0.10	0.00	8.34E-05	8.30E-05	8.27E-05	6.18E-06	1.19E-05	2.67E-04
606872	4122780	8.18E-05	8.14E-05	8.11E-05	3.74E-06	1.27E-05	2.61E-04	Worker	0.00E+00	0.00E+00	8.86E-08	1.05E-08	0.10	0.00	8.18E-05	8.14E-05	8.11E-05	6.08E-06	1.16E-05	2.62E-04

606892	4122780	8.07E-05	8.03E-05	8.00E-05	3.68E-06	1.24E-05	2.57E-04	Worker	0.00E+00	0.00E+00	8.74E-08	1.03E-08	0.10	0.00	8.07E-05	8.03E-05	8.00E-05	5.98E-06	1.14E-05	2.58E-04
606912	4122780	8.06E-05	8.02E-05	7.99E-05	3.62E-06	1.22E-05	2.56E-04	Worker	0.00E+00	0.00E+00	8.72E-08	1.03E-08	0.10	0.00	8.06E-05	8.02E-05	7.99E-05	5.88E-06	1.12E-05	2.58E-04
606932	4122780	8.01E-05	7.98E-05	7.94E-05	3.57E-06	1.20E-05	2.55E-04	Worker	0.00E+00	0.00E+00	8.67E-08	1.02E-08	0.10	0.00	8.01E-05	7.98E-05	7.94E-05	5.79E-06	1.10E-05	2.56E-04
606952	4122780	7.94E-05	7.90E-05	7.87E-05	3.51E-06	1.18E-05	2.52E-04	Worker	0.00E+00	0.00E+00	8.58E-08	1.01E-08	0.10	0.00	7.94E-05	7.90E-05	7.87E-05	5.71E-06	1.08E-05	2.54E-04
606972	4122780	7.84E-05	7.81E-05	7.77E-05	3.46E-06	1.16E-05	2.49E-04	Worker	0.00E+00	0.00E+00	8.48E-08	1.00E-08	0.09	0.00	7.84E-05	7.81E-05	7.77E-05	5.62E-06	1.06E-05	2.50E-04
606992	4122780	7.76E-05	7.72E-05	7.68E-05	3.41E-06	1.14E-05	2.46E-04	Worker	0.00E+00	0.00E+00	8.38E-08	9.90E-09	0.09	0.00	7.76E-05	7.72E-05	7.68E-05	5.54E-06	1.05E-05	2.48E-04
607012	4122780	7.67E-05	7.63E-05	7.60E-05	3.36E-06	1.12E-05	2.44E-04	Worker	0.00E+00	0.00E+00	8.28E-08	9.79E-09	0.09	0.00	7.67E-05	7.63E-05	7.60E-05	5.46E-06	1.03E-05	2.45E-04
607032	4122780	7.59E-05	7.55E-05	7.52E-05	3.31E-06	1.10E-05	2.41E-04	Worker	0.00E+00	0.00E+00	8.19E-08	9.69E-09	0.09	0.00	7.59E-05	7.55E-05	7.52E-05	5.39E-06	1.01E-05	2.42E-04
607052	4122780	7.52E-05	7.48E-05	7.45E-05	3.27E-06	1.08E-05	2.39E-04	Worker	0.00E+00	0.00E+00	8.11E-08	9.59E-09	0.09	0.00	7.52E-05	7.48E-05	7.45E-05	5.31E-06	9.94E-06	2.40E-04
605632	4122800	2.86E-04	2.83E-04	2.80E-04	1.51E-05	3.11E-05	8.95E-04	Residence	0.00E+00	0.00E+00	3.04E-07	3.60E-08	0.34	0.00	2.86E-04	2.83E-04	2.80E-04	2.45E-05	2.86E-05	9.02E-04
605652	4122800	2.83E-04	2.80E-04	2.77E-04	1.49E-05	3.08E-05	8.85E-04	Residence	0.00E+00	0.00E+00	3.01E-07	3.56E-08	0.34	0.00	2.83E-04	2.80E-04	2.77E-04	2.43E-05	2.84E-05	8.92E-04
605672	4122800	2.79E-04	2.76E-04	2.73E-04	1.47E-05	3.05E-05	8.73E-04	Residence	0.00E+00	0.00E+00	2.97E-07	3.51E-08	0.33	0.00	2.79E-04	2.76E-04	2.73E-04	2.40E-05	2.81E-05	8.80E-04
605692	4122800	2.78E-04	2.75E-04	2.72E-04	1.46E-05	3.03E-05	8.71E-04	Residence	0.00E+00	0.00E+00	2.96E-07	3.50E-08	0.33	0.00	2.78E-04	2.75E-04	2.72E-04	2.36E-05	2.78E-05	8.77E-04
605712	4122800	2.76E-04	2.73E-04	2.70E-04	1.43E-05	2.99E-05	8.64E-04	Residence	0.00E+00	0.00E+00	2.94E-07	3.47E-08	0.33	0.00	2.76E-04	2.73E-04	2.70E-04	2.33E-05	2.75E-05	8.71E-04
605732	4122800	2.72E-04	2.69E-04	2.67E-04	1.41E-05	2.96E-05	8.52E-04	Residence	0.00E+00	0.00E+00	2.90E-07	3.43E-08	0.32	0.00	2.72E-04	2.69E-04	2.67E-04	2.30E-05	2.72E-05	8.59E-04
605772	4122800	2.65E-04	2.62E-04	2.59E-04	1.37E-05	2.89E-05	8.28E-04	Residence	0.00E+00	0.00E+00	2.82E-07	3.33E-08	0.31	0.00	2.65E-04	2.62E-04	2.59E-04	2.22E-05	2.66E-05	8.34E-04
605872	4122800	2.44E-04	2.41E-04	2.39E-04	1.27E-05	2.73E-05	7.65E-04	Residence	0.00E+00	0.00E+00	2.60E-07	3.07E-08	0.29	0.00	2.44E-04	2.41E-04	2.39E-04	2.07E-05	2.51E-05	7.70E-04
605892	4122800	2.39E-04	2.37E-04	2.35E-04	1.25E-05	2.70E-05	7.51E-04	Residence	0.00E+00	0.00E+00	2.55E-07	3.02E-08	0.29	0.00	2.39E-04	2.37E-04	2.35E-04	2.04E-05	2.49E-05	7.57E-04
605912	4122800	2.35E-04	2.33E-04	2.30E-04	1.24E-05	2.68E-05	7.37E-04	Residence	0.00E+00	0.00E+00	2.51E-07	2.96E-08	0.28	0.00	2.35E-04	2.33E-04	2.30E-04	2.01E-05	2.46E-05	7.43E-04
605952	4122800	2.26E-04	2.24E-04	2.22E-04	1.21E-05	2.63E-05	7.11E-04	Residence	0.00E+00	0.00E+00	2.42E-07	2.86E-08	0.27	0.00	2.26E-04	2.24E-04	2.22E-04	1.96E-05	2.42E-05	7.17E-04
605992	4122800	2.16E-04	2.14E-04	2.12E-04	1.17E-05	2.58E-05	6.80E-04	Residence	0.00E+00	0.00E+00	2.31E-07	2.73E-08	0.26	0.00	2.16E-04	2.14E-04	2.12E-04	1.90E-05	2.37E-05	6.85E-04
606032	4122800	2.08E-04	2.06E-04	2.04E-04	1.13E-05	2.53E-05	6.55E-04	Residence	0.00E+00	0.00E+00	2.23E-07	2.63E-08	0.25	0.00	2.08E-04	2.06E-04	2.04E-04	1.84E-05	2.33E-05	6.60E-04
606112	4122800	1.89E-04	1.87E-04	1.86E-04	1.03E-05	2.42E-05	5.96E-04	Residence	0.00E+00	0.00E+00	2.03E-07	2.40E-08	0.23	0.00	1.89E-04	1.87E-04	1.86E-04	1.68E-05	2.23E-05	6.01E-04
606352	4122800	1.40E-04	1.39E-04	1.39E-04	7.18E-06	2.03E-05	4.46E-04	Residence	0.00E+00	0.00E+00	1.52E-07	1.79E-08	0.17	0.00	1.40E-04	1.39E-04	1.39E-04	1.17E-05	1.86E-05	4.49E-04
606372	4122800	1.37E-04	1.36E-04	1.36E-04	6.95E-06	1.99E-05	4.36E-04	Residence	0.00E+00	0.00E+00	1.48E-07	1.75E-08	0.17	0.00	1.37E-04	1.36E-04	1.36E-04	1.13E-05	1.83E-05	4.38E-04
606392	4122800	1.33E-04	1.32E-04	1.31E-04	6.74E-06	1.96E-05	4.22E-04	Residence	0.00E+00	0.00E+00	1.44E-07	1.70E-08	0.16	0.00	1.33E-04	1.32E-04	1.31E-04	1.10E-05	1.80E-05	4.25E-04
606412	4122800	1.29E-04	1.28E-04	1.28E-04	6.54E-06	1.92E-05	4.10E-04	Residence	0.00E+00	0.00E+00	1.40E-07	1.65E-08	0.16	0.00	1.29E-04	1.28E-04	1.28E-04	1.06E-05	1.77E-05	4.13E-04
606432	4122800	1.25E-04	1.25E-04	1.24E-04	6.34E-06	1.89E-05	4.00E-04	Residence	0.00E+00	0.00E+00	1.36E-07	1.61E-08	0.15	0.00	1.25E-04	1.25E-04	1.24E-04	1.03E-05	1.74E-05	4.02E-04
606452	4122800	1.22E-04	1.22E-04	1.21E-04	6.16E-06	1.86E-05	3.89E-04	Residence	0.00E+00	0.00E+00	1.32E-07	1.57E-08	0.15	0.00	1.22E-04	1.22E-04	1.21E-04	1.00E-05	1.71E-05	3.92E-04
606472	4122800	1.19E-04	1.18E-04	1.18E-04	5.99E-06	1.82E-05	3.79E-04	Residence	0.00E+00	0.00E+00	1.29E-07	1.52E-08	0.14	0.00	1.19E-04	1.18E-04	1.18E-04	9.73E-06	1.68E-05	3.81E-04
606492	4122800	1.16E-04	1.16E-04	1.15E-04	5.82E-06	1.79E-05	3.70E-04	Residence	0.00E+00	0.00E+00	1.26E-07	1.49E-08	0.14	0.00	1.16E-04	1.16E-04	1.15E-04	9.46E-06	1.65E-05	3.72E-04
606512	4122800	1.13E-04	1.12E-04	1.12E-04	5.66E-06	1.76E-05	3.59E-04	Residence	0.00E+00	0.00E+00	1.22E-07	1.44E-08	0.14	0.00	1.13E-04	1.12E-04	1.12E-04	9.20E-06	1.62E-05	3.62E-04
606532	4122800	1.10E-04	1.10E-04	1.09E-04	5.51E-06	1.72E-05	3.52E-04	Residence	0.00E+00	0.00E+00	1.20E-07	1.42E-08	0.13	0.00	1.10E-04	1.10E-04	1.09E-04	8.96E-06	1.59E-05	3.54E-04
606552	4122800	1.08E-04	1.07E-04	1.07E-04	5.36E-06	1.69E-05	3.45E-04	Residence	0.00E+00	0.00E+00	1.17E-07	1.38E-08	0.13	0.00	1.08E-04	1.07E-04	1.07E-04	8.72E-06	1.56E-05	3.47E-04
606572	4122800	1.05E-04	1.05E-04	1.05E-04	5.22E-06	1.66E-05	3.37E-04	Residence	0.00E+00	0.00E+00	1.15E-07	1.35E-08	0.13	0.00	1.05E-04	1.05E-04	1.05E-04	8.48E-06	1.53E-05	3.39E-04
606672	4122800	9.38E-05	9.35E-05	9.32E-05	4.56E-06	1.50E-05	3.00E-04	Worker	0.00E+00	0.00E+00	1.02E-07	1.21E-08	0.11	0.00	9.38E-05	9.35E-05	9.32E-05	7.41E-06	1.38E-05	3.02E-04
606692	4122800	9.20E-05	9.17E-05	9.13E-05	4.44E-06	1.47E-05	2.94E-04	Worker	0.00E+00	0.00E+00	1.00E-07	1.18E-08	0.11	0.00	9.20E-05	9.17E-05	9.13E-05	7.21E-06	1.35E-05	2.96E-04
606712	4122800	9.06E-05	9.03E-05	8.99E-05	4.33E-06	1.44E-05	2.90E-04	Worker	0.00E+00	0.00E+00	9.85E-08	1.16E-08	0.11	0.00	9.06E-05	9.03E-05	8.99E-05	7.03E-06	1.33E-05	2.91E-04
606732	4122800	8.92E-05	8.89E-05	8.86E-05	4.22E-06	1.41E-05	2.85E-04	Worker	0.00E+00	0.00E+00	9.69E-08	1.15E-08	0.11	0.00	8.92E-05	8.89E-05	8.86E-05	6.86E-06	1.30E-05	2.87E-04
606752	4122800	8.83E-05	8.79E-05	8.76E-05	4.12E-06	1.39E-05	2.82E-04	Worker	0.00E+00	0.00E+00	9.58E-08	1.13E-08	0.11	0.00	8.83E-05	8.79E-05	8.76E-05	6.69E-06	1.28E-05	2.83E-04
606852	4122800	8.14E-05	8.11E-05	8.08E-05	3.71E-06	1.26E-05	2.60E-04	Worker	0.00E+00	0.00E+00	8.83E-08	1.04E-08	0.10	0.00	8.14E-05	8.11E-05	8.08E-05	6.03E-06	1.16E-05	2.61E-04
606872	4122800	8.04E-05	8.00E-05	7.97E-05	3.65E-06	1.24E-05	2.56E-04	Worker	0.00E+00	0.00E+00	8.71E-08	1.03E-08	0.10	0.00	8.04E-05	8.00E-05	7.97E-05	5.92E-06	1.14E-05	2.57E-04
606892	4122800	7.96E-05	7.92E-05	7.89E-05	3.59E-06	1.21E-05	2.53E-04	Worker	0.00E+00	0.00E+00	8.62E-08	1.02E-08	0.10	0.00	7.96E-05	7.92E-05	7.89E-05	5.83E-06	1.12E-05	2.55E-04
606912	4122800	7.94E-05	7.90E-05	7.87E-05	3.53E-06	1.19E-05	2.53E-04	Worker	0.00E+00	0.00E+00	8.59E-08	1.02E-08	0.10	0.00	7.94E-05	7.90E-05	7.87E-05	5.73E-06	1.10E-05	2.54E-04
606932	4122800	7.87E-05	7.83E-05	7.80E-05	3.48E-06	1.17E-05	2.50E-04	Worker	0.00E+00	0.00E+00	8.51E-08	1.01E-08	0.10	0.00	7.87E-05	7.83E-05	7.80E-05	5.65E-06	1.08E-05	2.51E-04
606952	4122800	7.77E-05	7.74E-05	7.70E-05	3.42E-06	1.15E-05	2.47E-04	Worker	0.00E+00	0.00E+00	8.40E-08	9.93E-09	0.09	0.00	7.77E-05	7.74E-05	7.70E-05	5.56E-06	1.06E-05	2.48E-04
606972	4122800	7.70E-05	7.66E-05	7.63E-05	3.37E-06	1.13E-05	2.45E-04	Worker	0.00E+00	0.00E+00	8.31E-08	9.83E-09	0.09	0.00	7.70E-05	7.66E-05	7.63E-05	5.48E-06	1.04E-05	2.46E-04
606992	4122800	7.61E-05	7.57E-05	7.54E-05	3.33E-06	1.11E-05	2.42E-04	Worker	0.00E+00	0.00E+00	8.21E-08	9.71E-09	0.09	0.00	7.61E-05	7.57E-05	7.54E-05	5.41E-06	1.02E-05	2.43E-04
607012	4122800	7.52E-05	7.48E-05	7.45E-05	3.28E-06	1.09E-05	2.39E-04	Worker	0.00E+00	0.00E+00	8.12E-08	9.60E-09	0.09	0.00	7.52E-05	7.48E-05	7.45E-05	5.33E-06	1.01E-05	2.40E-04
607032	4122800	7.44E-05	7.40E-05	7.37E-05	3.23E-06	1.07E-05	2.36E-04	Worker	0.00E+00	0.00E+00	8.03E-08	9.49E-09	0.09	0.00	7.44E-05	7.40E-05	7.37E-05	5.25E-06	9.89E-06	2.37E-04
607052	4122800	7.36E-05	7.32E-05	7.29E-05	3.19E-06	1.06E-05	2.34E-04	Worker	0.00E+00	0.00E+00	7.94E-08	9.39E-09	0.09	0.00	7.36E-05	7.32E-05	7.29E-05	5.18E-06	9.73E-06	2.35E-04
605632	4122820	2.78E-04	2.75E-04	2.72E-04	1.44E-05	2.98E-05	8.69E-04	Residence	0.00E+00	0.00E+00	2.95E-07	3.49E-08	0.33	0.00	2.78E-04	2.75E-04	2.72E-04	2.35E-05	2.74E-05	8.76E-04
605652	4122820	2.75E-04	2.72E-04	2.69E-04	1.43E-05	2.96E-05	8.60E-04	Residence	0.00E+00	0.00E+00	2.93E-07	3.46E-08	0.33	0.00	2.75E-04	2.72E-04	2.69E-04	2.32E-05	2.72E-05	8.67E-04
605672	4122820	2.70E-04	2.68E-04	2.65E-04	1.41E-05	2.93E-05	8.46E-04	Residence	0.00E+00	0.00E+00	2.88E-07	3.40E-08	0.32	0.00	2.70E-04	2.68E-04	2.65E-04	2.29E-05	2.69E-05	8.53E-04
605692	4122820	2.69E-04	2.66E-04	2.64E-04	1.39E-05	2.90E-05	8.42E-04	Residence	0.00E+00	0.00E+00	2.86E-07	3.38E-08	0.32	0.00	2.69E-04	2.66E-04	2.64E-04	2.26E-05	2.66E-05	8.48E-04
605712	4122820	2.67E-04	2.64E-04	2.61E-04	1.37E-05	2.87E-05	8.35E-04	Residence	0.00E+00	0.00E+00	2.84E-07	3.36E-08	0.32	0.00	2.67E-04	2.64E-04	2.61E-04	2.23E-05	2.64E-05	8.41E-04
605732	4122820	2.64E-04	2.61E-04	2.59E-04	1.35E-05	2.83E-05	8.26E-04	Residence	0.00E+00	0.00E+00	2.81E-07	3.32E-08	0.31	0.00	2.64E-04	2.61E-04	2.59E-04	2.19E-05	2.61E-05	8.32E-04
605832	4122820	2.44E-04	2.41E-04	2.39E-04	1.25E-05	2.67E-05	7.63E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.07E-08	0.29	0.00	2.44E-04	2.41E-04	2.39E-04	2.03E-05	2.46E-05	7.69E-04
605852	4122820	2.41E-04	2.38E-04	2.35E-04	1.23E-05	2.65E-05	7.53E-04	Residence	0.00E+00	0.00E+00	2.56E-07	3.03E-08	0.29	0.00	2.41E-04	2.38E-04	2.35E-04	2.00E-05	2.44E-05	7.58E-04
605872	4122820	2.36E-04	2.34E-04	2.32E-04	1.22E-05	2.62E-05	7.40E-04	Residence	0.00E+00	0.00E+00	2.52E-07	2.97E-08	0.28	0.00	2.36E-04	2.34E-04	2.32E-04	1.98E-05	2.41E-05	7.46E-04
605892	4122820	2.32E-04	2.30E-04	2.27E-04	1.20E-05	2.59E-05	7.27E-04	Residence	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	2.32E-04	2.30E-04	2.27E-04	1.95E-05	2.39E-05	7.33E-04
605912	4122820	2.28E-04	2.26E-04	2.23E-04	1.19E-05	2.57E-05	7.14E-04	Residence	0.00E+00	0.00E+00	2.43E-07	2.87E-08	0.27	0.00	2.28E-04	2.26E-04	2.23E-04	1.93E-05	2.37E-05	7.20E-04
605952	4122820	2.20E-04	2.18E-04	2.16E-04	1.16E-05	2.52E-05	6.90E-04	Residence	0.00E+00	0.00E+00	2.35E-07	2.77E-08	0.26	0.00	2.20E-04	2.18E-04	2.16E-04	1.88E-05	2.32E-05	6.95E-04
606672	4122820	9.17E-05	9.13E-05	9.10E-05	4.45E-06	1.46E-05	2.93E-04	Worker	0.00E+00	0.00E+00	9.97E-08	1.18E-08	0.11	0.00	9.17E-05	9.13E-05	9.10E-05	7.23E-06	1.35E-05	2.95E-04
606692	4122820	9.01E-05	8.98E-05	8.94E-05	4.33E-06	1.43E-05	2.88E-04	Worker	0.00E+00	0.00E+00	9.79E-08	1.16E-08	0.11	0.00	9.01E-05	8.98E-05	8.94E-05	7.04E-06	1.32E-05	2.90E-04
606712	4122820	8.86E-05	8.83E-05	8.79E-05	4.22E-06	1.41E-05	2.83E-04	Worker	0.00E+00	0.00E+00	9.63E-08	1.14E-08	0.11	0.00	8.86E-05	8.83E-05	8.79E-05	6.87E-06	1.29E-05	2.85E-04
606732	4122820	8.72E-05	8.68E-05	8.65E-05	4.12E-06	1.38E-05	2.78E-04	Worker	0.00E+00	0.00E+00	9.47E-08	1.12E-08	0.11	0.00	8.72E-05	8.68E-05	8.65E-05	6.70E-06	1.27E-05	2.80E-04
606752	4122820	8.63E-05	8.60E-05	8.57E-05	4.02E-06	1.35E-05	2.75E-04	Worker	0.00E+00	0.00E+00	9.37E-08	1.11E-08	0.10	0.00	8.63E-05	8.60E-05	8.57E-05	6.54E-06	1.24E-05	2.77E-04
606852	4122820	8.03E-05	8.00E-05	7.97E-05	3.62E-06	1.23E-05	2.56E-04	Worker	0.00E+00	0.00E+00	8.70E-08	1.03E-08	0.10	0.00	8.03E-05	8.00E-05	7.97E-05	5.89E-06	1.13E-05	2.57E-04
606872	4122820	7.95E-05	7.92E-05	7.89E-05	3.56E-06	1.21E-05	2.53E-04	Worker	0.00E+00	0.00E+00	8.61E-08	1.02E-08	0.10	0.00	7.95E-05	7.92E-05	7.89E-05	5.78E-06	1.11E-05	2.54E-04
606892	4122820	7.88E-05	7.85E-05	7.82E-05	3.50E-06	1.19E-05	2.51E-04	Worker	0.00E+00	0.00E+00	8.53E-08	1.01E-08	0.10	0.00	7.88E-05	7.85E-05	7.82E-05	5.68E-06	1.09E-05	2.52E-04
606912	4122820	7.83E-05	7.80E-05	7.77E-05	3.44E-06	1.17E-05	2.49E-04	Worker	0.00E+00	0.00E+00	8.47E-08	1.00E-08	0.09	0.00	7.83E-05	7.80E-05	7.77E-05	5.59E-06	1.07E-05	2.50E-04
606932	4122820	7.76E-05	7.72E-05	7.69E-05	3.39E-06	1.14E-05	2.47E-04	Worker	0.00E+00	0.00E+00	8.38E-08	9.91E-09	0.09	0.00	7.76E-05	7.72E-05	7.69E-05	5.51E-06	1.05E-05	2.48E-04
606952	4122820	7.61E-05	7.58E-05	7.55E-05	3.34E-06	1.12E-05	2.42E-04	Worker	0.00E+00	0.00E+00	8.23E-08	9.73E-09	0.09	0.00	7.61E-05	7.58E-05	7.55E-05	5.43E-06	1.03E-05	2.43E-04
606972	4122820	7.55E-05	7.51E-05	7.48E-05	3.29E-06	1.11E-05	2.40E-04	Worker	0.00E+00	0.00E+00	8.15E-08	9.64E-09	0.09	0.00	7.55E-05	7.51E-05	7.48E-05	5.35E-06	1.02E-05	2.41E-04
606992	4122820	7.46E-05	7.43E-05	7.39E-05	3.24E-06	1.09E-05	2.37E-04	Worker	0.00E+00	0.00E+00	8.06E-08	9.52E-09	0.09	0.00	7.46E-05	7.43E-05	7.39E-05	5.27E-06	1.00E-05	2.38E-04
607012	4122820	7.38E-05	7.34E-05	7.31E-05	3.20E-06	1.07E-05	2.34E-04	Worker	0.00E+00	0.00E+00	7.96E-08	9.41E-09	0.09	0.00	7.38E-05	7.34E-05	7.31E-05	5.20E-06	9.84E-06	2.35E-04
607032	4122820	7.30E-05	7.26E-05	7.23E-05	3.16E-06	1.05E-05	2.32E-04	Worker	0.00E+00	0.00E+00	7.87E-08	9.31E-09	0.09	0.00	7.30E-05	7.26E-05	7.23E-05	5.13E-06	9.68E-06	2.33E-04
607052	4122820	7.22E-05	7.18E-05	7.15E-05	3.11E-06	1.03E-05	2.29E-04	Worker	0.00E+00	0.00E+00	7.79E-08	9.21E-09	0.09	0.00	7.22E-05	7.18E-05	7.15E-05	5.06E-06	9.52E-06	2.30E-04
605632	4122840	2.70E-04	2.67E-04	2.64E-04	1.38E-05	2.86E-05	8.43E-04	Residence	0.00E+00	0.00E+00	2.87E-07	3.39E-08	0.32	0.00	2.70E-04	2.67E-04	2.64E-04	2.25E-05	2.63E-05	8.49E-04
605652	4122840	2.67E-04	2.64E-04	2.62E-04	1.37E-05	2.83E-05	8.35E-04	Residence	0.00E+00	0.00E+00	2.84E-07	3.36E-08	0.32	0.00	2.67E-04	2.64E-04	2.62E-04	2.22E-05	2.61E-05	8.41E-04
605672	4122840	2.63E-04	2.60E-04	2.57E-04	1.35E-05	2.80E-05	8.22E-04	Residence	0.00E+00	0.00E+00	2.79E-07	3.30E-08	0.31	0.00	2.63E-04	2.60E-04	2.57E-04	2.19E-05	2.58E-05	8.28E-04
605692	4122840	2.59E-04	2.57E-04	2.54E-04	1.33E-05	2.77E-05	8.11E-04	Residence	0.00E+00	0.00E+00	2.76E-07	3.26E-08	0.31	0.00	2.59E-04	2.57E-04	2.54E-04	2.16E-05	2.55E-05	8.18E-04

605712	4122840	2.58E-04	2.56E-04	2.53E-04	1.31E-05	2.75E-05	8.07E-04	Residence	0.00E+00	0.00E+00	2.74E-07	3.24E-08	0.31	0.00	2.58E-04	2.56E-04	2.53E-04	2.13E-05	2.53E-05	8.13E-04
605792	4122840	2.43E-04	2.41E-04	2.38E-04	1.23E-05	2.62E-05	7.61E-04	Residence	0.00E+00	0.00E+00	2.59E-07	3.06E-08	0.29	0.00	2.43E-04	2.41E-04	2.38E-04	2.00E-05	2.41E-05	7.66E-04
605812	4122840	2.41E-04	2.38E-04	2.36E-04	1.21E-05	2.59E-05	7.53E-04	Residence	0.00E+00	0.00E+00	2.56E-07	3.03E-08	0.29	0.00	2.41E-04	2.38E-04	2.36E-04	1.97E-05	2.39E-05	7.58E-04
605832	4122840	2.37E-04	2.35E-04	2.32E-04	1.20E-05	2.57E-05	7.41E-04	Residence	0.00E+00	0.00E+00	2.52E-07	2.98E-08	0.28	0.00	2.37E-04	2.35E-04	2.32E-04	1.95E-05	2.36E-05	7.47E-04
605852	4122840	2.33E-04	2.31E-04	2.28E-04	1.18E-05	2.54E-05	7.29E-04	Residence	0.00E+00	0.00E+00	2.48E-07	2.93E-08	0.28	0.00	2.33E-04	2.31E-04	2.28E-04	1.92E-05	2.34E-05	7.35E-04
605872	4122840	2.29E-04	2.27E-04	2.24E-04	1.17E-05	2.52E-05	7.17E-04	Residence	0.00E+00	0.00E+00	2.44E-07	2.88E-08	0.27	0.00	2.29E-04	2.27E-04	2.24E-04	1.90E-05	2.32E-05	7.22E-04
605892	4122840	2.25E-04	2.23E-04	2.21E-04	1.15E-05	2.49E-05	7.05E-04	Residence	0.00E+00	0.00E+00	2.40E-07	2.83E-08	0.27	0.00	2.25E-04	2.23E-04	2.21E-04	1.88E-05	2.29E-05	7.10E-04
605912	4122840	2.21E-04	2.19E-04	2.17E-04	1.14E-05	2.47E-05	6.93E-04	Residence	0.00E+00	0.00E+00	2.35E-07	2.78E-08	0.26	0.00	2.21E-04	2.19E-04	2.17E-04	1.85E-05	2.27E-05	6.98E-04
606092	4122840	1.85E-04	1.83E-04	1.82E-04	9.77E-06	2.27E-05	5.82E-04	Worker	0.00E+00	0.00E+00	1.98E-07	2.34E-08	0.22	0.00	1.85E-04	1.83E-04	1.82E-04	1.59E-05	2.09E-05	5.86E-04
606112	4122840	1.82E-04	1.81E-04	1.80E-04	9.54E-06	2.25E-05	5.75E-04	Worker	0.00E+00	0.00E+00	1.95E-07	2.31E-08	0.22	0.00	1.82E-04	1.81E-04	1.80E-04	1.55E-05	2.07E-05	5.79E-04
606192	4122840	1.67E-04	1.66E-04	1.65E-04	8.56E-06	2.13E-05	5.27E-04	Worker	0.00E+00	0.00E+00	1.79E-07	2.12E-08	0.20	0.00	1.67E-04	1.66E-04	1.65E-04	1.39E-05	1.96E-05	5.31E-04
606212	4122840	1.62E-04	1.61E-04	1.60E-04	8.32E-06	2.10E-05	5.13E-04	Worker	0.00E+00	0.00E+00	1.74E-07	2.06E-08	0.19	0.00	1.62E-04	1.61E-04	1.60E-04	1.35E-05	1.94E-05	5.16E-04
606252	4122840	1.54E-04	1.53E-04	1.52E-04	7.84E-06	2.04E-05	4.87E-04	Worker	0.00E+00	0.00E+00	1.66E-07	1.96E-08	0.19	0.00	1.54E-04	1.53E-04	1.52E-04	1.27E-05	1.88E-05	4.91E-04
606272	4122840	1.50E-04	1.49E-04	1.48E-04	7.60E-06	2.01E-05	4.75E-04	Worker	0.00E+00	0.00E+00	1.61E-07	1.91E-08	0.18	0.00	1.50E-04	1.49E-04	1.48E-04	1.24E-05	1.85E-05	4.78E-04
606292	4122840	1.46E-04	1.45E-04	1.44E-04	7.37E-06	1.98E-05	4.63E-04	Worker	0.00E+00	0.00E+00	1.58E-07	1.86E-08	0.18	0.00	1.46E-04	1.45E-04	1.44E-04	1.20E-05	1.83E-05	4.66E-04
606312	4122840	1.43E-04	1.42E-04	1.41E-04	7.15E-06	1.95E-05	4.52E-04	Worker	0.00E+00	0.00E+00	1.54E-07	1.82E-08	0.17	0.00	1.43E-04	1.42E-04	1.41E-04	1.16E-05	1.80E-05	4.55E-04
606332	4122840	1.39E-04	1.38E-04	1.38E-04	6.94E-06	1.92E-05	4.42E-04	Worker	0.00E+00	0.00E+00	1.50E-07	1.77E-08	0.17	0.00	1.39E-04	1.38E-04	1.38E-04	1.13E-05	1.77E-05	4.44E-04
606352	4122840	1.35E-04	1.35E-04	1.34E-04	6.73E-06	1.89E-05	4.30E-04	Worker	0.00E+00	0.00E+00	1.46E-07	1.73E-08	0.16	0.00	1.35E-04	1.35E-04	1.34E-04	1.09E-05	1.74E-05	4.33E-04
606372	4122840	1.32E-04	1.32E-04	1.31E-04	6.53E-06	1.86E-05	4.20E-04	Worker	0.00E+00	0.00E+00	1.43E-07	1.69E-08	0.16	0.00	1.32E-04	1.32E-04	1.31E-04	1.06E-05	1.71E-05	4.23E-04
606392	4122840	1.29E-04	1.28E-04	1.27E-04	6.33E-06	1.83E-05	4.09E-04	Worker	0.00E+00	0.00E+00	1.39E-07	1.64E-08	0.16	0.00	1.29E-04	1.28E-04	1.27E-04	1.03E-05	1.69E-05	4.11E-04
606412	4122840	1.25E-04	1.25E-04	1.24E-04	6.15E-06	1.80E-05	3.98E-04	Worker	0.00E+00	0.00E+00	1.35E-07	1.60E-08	0.15	0.00	1.25E-04	1.25E-04	1.24E-04	9.99E-06	1.66E-05	4.00E-04
606432	4122840	1.22E-04	1.21E-04	1.20E-04	5.97E-06	1.77E-05	3.87E-04	Worker	0.00E+00	0.00E+00	1.32E-07	1.56E-08	0.15	0.00	1.22E-04	1.21E-04	1.20E-04	9.71E-06	1.63E-05	3.89E-04
606452	4122840	1.19E-04	1.18E-04	1.18E-04	5.81E-06	1.74E-05	3.77E-04	Worker	0.00E+00	0.00E+00	1.28E-07	1.52E-08	0.14	0.00	1.19E-04	1.18E-04	1.18E-04	9.43E-06	1.60E-05	3.80E-04
606672	4122840	9.04E-05	9.01E-05	8.98E-05	4.34E-06	1.42E-05	2.89E-04	Worker	0.00E+00	0.00E+00	9.82E-08	1.16E-08	0.11	0.00	9.04E-05	9.01E-05	8.98E-05	7.06E-06	1.31E-05	2.91E-04
606692	4122840	8.89E-05	8.86E-05	8.82E-05	4.23E-06	1.40E-05	2.84E-04	Worker	0.00E+00	0.00E+00	9.65E-08	1.14E-08	0.11	0.00	8.89E-05	8.86E-05	8.82E-05	6.88E-06	1.29E-05	2.85E-04
606712	4122840	8.74E-05	8.71E-05	8.68E-05	4.13E-06	1.37E-05	2.79E-04	Worker	0.00E+00	0.00E+00	9.49E-08	1.12E-08	0.11	0.00	8.74E-05	8.71E-05	8.68E-05	6.71E-06	1.26E-05	2.81E-04
606732	4122840	8.60E-05	8.57E-05	8.54E-05	4.03E-06	1.34E-05	2.74E-04	Worker	0.00E+00	0.00E+00	9.33E-08	1.10E-08	0.10	0.00	8.60E-05	8.57E-05	8.54E-05	6.55E-06	1.24E-05	2.76E-04
606752	4122840	8.54E-05	8.50E-05	8.47E-05	3.93E-06	1.32E-05	2.72E-04	Worker	0.00E+00	0.00E+00	9.26E-08	1.09E-08	0.10	0.00	8.54E-05	8.50E-05	8.47E-05	6.39E-06	1.21E-05	2.74E-04
606852	4122840	7.93E-05	7.89E-05	7.87E-05	3.54E-06	1.20E-05	2.52E-04	Worker	0.00E+00	0.00E+00	8.58E-08	1.01E-08	0.10	0.00	7.93E-05	7.89E-05	7.87E-05	5.75E-06	1.11E-05	2.54E-04
606872	4122840	7.88E-05	7.85E-05	7.82E-05	3.47E-06	1.18E-05	2.51E-04	Worker	0.00E+00	0.00E+00	8.53E-08	1.01E-08	0.10	0.00	7.88E-05	7.85E-05	7.82E-05	5.65E-06	1.09E-05	2.52E-04
606892	4122840	7.81E-05	7.77E-05	7.74E-05	3.41E-06	1.16E-05	2.48E-04	Worker	0.00E+00	0.00E+00	8.44E-08	9.98E-09	0.09	0.00	7.81E-05	7.77E-05	7.74E-05	5.55E-06	1.07E-05	2.49E-04
606912	4122840	7.74E-05	7.70E-05	7.67E-05	3.36E-06	1.14E-05	2.46E-04	Worker	0.00E+00	0.00E+00	8.36E-08	9.88E-09	0.09	0.00	7.74E-05	7.70E-05	7.67E-05	5.46E-06	1.05E-05	2.47E-04
606932	4122840	7.65E-05	7.62E-05	7.59E-05	3.31E-06	1.12E-05	2.43E-04	Worker	0.00E+00	0.00E+00	8.27E-08	9.77E-09	0.09	0.00	7.65E-05	7.62E-05	7.59E-05	5.38E-06	1.03E-05	2.44E-04
606952	4122840	7.47E-05	7.44E-05	7.41E-05	3.26E-06	1.10E-05	2.37E-04	Worker	0.00E+00	0.00E+00	8.07E-08	9.54E-09	0.09	0.00	7.47E-05	7.44E-05	7.41E-05	5.29E-06	1.01E-05	2.39E-04
606972	4122840	7.40E-05	7.37E-05	7.34E-05	3.21E-06	1.08E-05	2.35E-04	Worker	0.00E+00	0.00E+00	7.99E-08	9.45E-09	0.09	0.00	7.40E-05	7.37E-05	7.34E-05	5.22E-06	9.95E-06	2.36E-04
606992	4122840	7.32E-05	7.29E-05	7.26E-05	3.17E-06	1.06E-05	2.33E-04	Worker	0.00E+00	0.00E+00	7.91E-08	9.35E-09	0.09	0.00	7.32E-05	7.29E-05	7.26E-05	5.15E-06	9.79E-06	2.34E-04
607012	4122840	7.24E-05	7.20E-05	7.17E-05	3.12E-06	1.05E-05	2.30E-04	Worker	0.00E+00	0.00E+00	7.81E-08	9.24E-09	0.09	0.00	7.24E-05	7.20E-05	7.17E-05	5.08E-06	9.63E-06	2.31E-04
607032	4122840	7.16E-05	7.13E-05	7.10E-05	3.08E-06	1.03E-05	2.27E-04	Worker	0.00E+00	0.00E+00	7.72E-08	9.13E-09	0.09	0.00	7.16E-05	7.13E-05	7.10E-05	5.01E-06	9.47E-06	2.28E-04
607052	4122840	7.09E-05	7.06E-05	7.03E-05	3.04E-06	1.01E-05	2.25E-04	Worker	0.00E+00	0.00E+00	7.65E-08	9.04E-09	0.09	0.00	7.09E-05	7.06E-05	7.03E-05	4.94E-06	9.32E-06	2.26E-04
606158	4121900	2.87E-04	3.08E-04	3.34E-04	6.32E-04	2.80E-03	4.36E-03	Worker	0.00E+00	0.00E+00	1.48E-06	1.75E-07	1.66	0.00	2.87E-04	3.08E-04	3.34E-04	1.03E-03	2.58E-03	4.53E-03
606169	4121883	2.61E-04	2.73E-04	2.89E-04	3.38E-04	2.48E-03	3.64E-03	Worker	0.00E+00	0.00E+00	1.24E-06	1.46E-07	1.38	0.00	2.61E-04	2.73E-04	2.89E-04	5.49E-04	2.28E-03	3.65E-03
606132	4121801	1.49E-04	1.53E-04	1.57E-04	4.04E-05	4.15E-04	9.14E-04	Worker	0.00E+00	0.00E+00	3.11E-07	3.67E-08	0.35	0.00	1.49E-04	1.53E-04	1.57E-04	6.57E-05	3.82E-04	9.06E-04
606385	4122113	2.18E-04	2.15E-04	2.12E-04	4.06E-05	1.21E-04	8.07E-04	Worker	0.00E+00	0.00E+00	2.74E-07	3.24E-08	0.31	0.00	2.18E-04	2.15E-04	2.12E-04	6.60E-05	1.11E-04	8.23E-04
606405	4122113	2.03E-04	2.01E-04	1.98E-04	3.77E-05	1.12E-04	7.51E-04	Worker	0.00E+00	0.00E+00	2.55E-07	3.02E-08	0.29	0.00	2.03E-04	2.01E-04	1.98E-04	6.12E-05	1.03E-04	7.65E-04
606425	4122113	1.92E-04	1.89E-04	1.87E-04	3.53E-05	1.05E-04	7.08E-04	Worker	0.00E+00	0.00E+00	2.41E-07	2.85E-08	0.27	0.00	1.92E-04	1.89E-04	1.87E-04	5.73E-05	9.64E-05	7.22E-04
606445	4122113	1.83E-04	1.81E-04	1.79E-04	3.32E-05	1.05E-04	6.81E-04	Worker	0.00E+00	0.00E+00	2.31E-07	2.74E-08	0.26	0.00	1.83E-04	1.81E-04	1.79E-04	5.40E-05	9.69E-05	6.93E-04
606465	4122113	1.78E-04	1.76E-04	1.74E-04	3.12E-05	9.87E-05	6.59E-04	Worker	0.00E+00	0.00E+00	2.24E-07	2.65E-08	0.25	0.00	1.78E-04	1.76E-04	1.74E-04	5.06E-05	9.08E-05	6.70E-04
606385	4122133	2.10E-04	2.09E-04	2.06E-04	3.66E-05	1.10E-04	7.71E-04	Worker	0.00E+00	0.00E+00	2.62E-07	3.10E-08	0.29	0.00	2.10E-04	2.09E-04	2.06E-04	5.94E-05	1.01E-04	7.85E-04
606405	4122133	1.94E-04	1.93E-04	1.90E-04	3.43E-05	1.11E-04	7.23E-04	Worker	0.00E+00	0.00E+00	2.46E-07	2.90E-08	0.27	0.00	1.94E-04	1.93E-04	1.90E-04	5.58E-05	1.02E-04	7.35E-04
606425	4122133	1.83E-04	1.82E-04	1.80E-04	3.25E-05	1.04E-04	6.81E-04	Worker	0.00E+00	0.00E+00	2.32E-07	2.74E-08	0.26	0.00	1.83E-04	1.82E-04	1.80E-04	5.27E-05	9.56E-05	6.93E-04
606445	4122133	1.76E-04	1.75E-04	1.73E-04	3.05E-05	9.74E-05	6.52E-04	Worker	0.00E+00	0.00E+00	2.22E-07	2.62E-08	0.25	0.00	1.76E-04	1.75E-04	1.73E-04	4.96E-05	8.96E-05	6.63E-04
606465	4122133	1.72E-04	1.71E-04	1.69E-04	2.87E-05	9.15E-05	6.33E-04	Worker	0.00E+00	0.00E+00	2.15E-07	2.54E-08	0.24	0.00	1.72E-04	1.71E-04	1.69E-04	4.67E-05	8.42E-05	6.43E-04
606385	4122153	2.02E-04	2.01E-04	1.99E-04	3.41E-05	1.10E-04	7.45E-04	Worker	0.00E+00	0.00E+00	2.53E-07	2.99E-08	0.28	0.00	2.02E-04	2.01E-04	1.99E-04	5.54E-05	1.01E-04	7.57E-04
606405	4122153	1.88E-04	1.86E-04	1.85E-04	3.18E-05	1.02E-04	6.93E-04	Worker	0.00E+00	0.00E+00	2.36E-07	2.79E-08	0.26	0.00	1.88E-04	1.86E-04	1.85E-04	5.16E-05	9.43E-05	7.05E-04
606425	4122153	1.78E-04	1.77E-04	1.75E-04	2.98E-05	9.61E-05	6.56E-04	Worker	0.00E+00	0.00E+00	2.23E-07	2.64E-08	0.25	0.00	1.78E-04	1.77E-04	1.75E-04	4.84E-05	8.84E-05	6.67E-04
606445	4122153	1.71E-04	1.70E-04	1.69E-04	2.81E-05	9.03E-05	6.29E-04	Worker	0.00E+00	0.00E+00	2.14E-07	2.53E-08	0.24	0.00	1.71E-04	1.70E-04	1.69E-04	4.56E-05	8.31E-05	6.40E-04
606465	4122153	1.68E-04	1.67E-04	1.66E-04	2.65E-05	8.50E-05	6.12E-04	Worker	0.00E+00	0.00E+00	2.08E-07	2.46E-08	0.23	0.00	1.68E-04	1.67E-04	1.66E-04	4.31E-05	7.82E-05	6.22E-04
606385	4122173	1.99E-04	1.98E-04	1.97E-04	3.16E-05	1.02E-04	7.27E-04	Worker	0.00E+00	0.00E+00	2.47E-07	2.92E-08	0.28	0.00	1.99E-04	1.98E-04	1.97E-04	5.14E-05	9.35E-05	7.39E-04
606405	4122173	1.84E-04	1.84E-04	1.83E-04	2.94E-05	9.51E-05	6.76E-04	Worker	0.00E+00	0.00E+00	2.30E-07	2.72E-08	0.26	0.00	1.84E-04	1.84E-04	1.83E-04	4.78E-05	8.75E-05	6.86E-04
606425	4122173	1.75E-04	1.75E-04	1.74E-04	2.75E-05	8.94E-05	6.40E-04	Worker	0.00E+00	0.00E+00	2.18E-07	2.57E-08	0.24	0.00	1.75E-04	1.75E-04	1.74E-04	4.48E-05	8.22E-05	6.50E-04
606445	4122173	1.70E-04	1.69E-04	1.69E-04	2.60E-05	8.43E-05	6.19E-04	Worker	0.00E+00	0.00E+00	2.10E-07	2.49E-08	0.24	0.00	1.70E-04	1.69E-04	1.69E-04	4.22E-05	7.75E-05	6.28E-04
606465	4122173	1.66E-04	1.66E-04	1.65E-04	2.46E-05	7.94E-05	6.01E-04	Worker	0.00E+00	0.00E+00	2.04E-07	2.42E-08	0.23	0.00	1.66E-04	1.66E-04	1.65E-04	3.99E-05	7.31E-05	6.10E-04
606385	4122193	1.98E-04	1.98E-04	1.98E-04	2.92E-05	9.37E-05	7.17E-04	Worker	0.00E+00	0.00E+00	2.44E-07	2.88E-08	0.27	0.00	1.98E-04	1.98E-04	1.98E-04	4.75E-05	8.62E-05	7.28E-04
606405	4122193	1.85E-04	1.85E-04	1.85E-04	2.72E-05	8.82E-05	6.71E-04	Worker	0.00E+00	0.00E+00	2.28E-07	2.70E-08	0.26	0.00	1.85E-04	1.85E-04	1.85E-04	4.42E-05	8.12E-05	6.81E-04
606425	4122193	1.76E-04	1.76E-04	1.76E-04	2.55E-05	8.32E-05	6.36E-04	Worker	0.00E+00	0.00E+00	2.16E-07	2.56E-08	0.24	0.00	1.76E-04	1.76E-04	1.76E-04	4.15E-05	7.65E-05	6.46E-04
606445	4122193	1.71E-04	1.71E-04	1.71E-04	2.41E-05	7.85E-05	6.15E-04	Worker	0.00E+00	0.00E+00	2.09E-07	2.47E-08	0.23	0.00	1.71E-04	1.71E-04	1.71E-04	3.91E-05	7.23E-05	6.24E-04
606465	4122193	1.66E-04	1.65E-04	1.65E-04	2.28E-05	7.42E-05	5.93E-04	Worker	0.00E+00	0.00E+00	2.02E-07	2.38E-08	0.23	0.00	1.66E-04	1.65E-04	1.65E-04	3.71E-05	6.83E-05	6.02E-04

Kaiser San José
Operational Health Risk Assessment - Workers Unmitigated
Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

Operation Source	AERMOD Source	Start Date	End Date	Days Age 16<70
Emergency Generator 1	STCK1	Annual		9125
Emergency Generator 2	STCK2	Annual		9125
Emergency Generator 3	STCK3	Annual		9125
Truck Idling at Loading Dock	PAREA5	Annual		9125
TRU Idling at Loading Dock	VOL1	Annual		9125

AERMOD Source	Start Date	End Date	DPM (tons) Annual O&M	$PM_{2.5}$ (tons) Annual O&M	DPM (g/s) Annual O&M	$PM_{2.5}$ (g/s) Annual O&M
STCK1	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
STCK2	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
STCK3	Annual		8.21E-03	8.21E-03	2.36E-04	2.36E-04
PAREA5	Annual		2.31E-04	3.75E-04	6.63E-06	1.08E-05
VOL1	Annual		6.73E-04	6.19E-04	1.94E-05	1.78E-05

Risk Factors

	Abbreviation	UOM	16<70	
8HR Breathing Rate (95th percentile)	8HR-BR	L/kg-day	230	
Worker Adjustment Factor	WAF	unitless	4.20	Worst case
Exposure Frequency	EF	days/year	0.68	
Age Sensitivity Factor	ASF	unitless	1	
Inhalation Absorption Factor	A	unitless	1	
Conversion Factor	CF_1	m^3/L	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	
Averaging Time (for residential exposure)	AT	years	70	

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*WAF*EF*ED*ASF*A*CF/AT

Operational Source	Year	16<70
All sources	Annual	0.236

Risk Calculation Part 1, R1 = IF*CPF*CF

Year	16<70
Annual	2.60E-04

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Table 8.5 Summary of Recommendations for Exposure Duration for Individual Cancer Risk at the MEIR and MEIW

Receptor	*Recommendation*
Resident (MEIR)	30 years
Resident (supplemental Information)	9 years for central tendency; 70 years for maximum (lifetime)
Worker (MEIW)	25 years

Worker

	Max Risk	UTM X	UTM Y
Cancer	1.27	606452.22	4121880
HI	0.001	606452.22	4121880
$PM_{2.5}$	0.005	606452.22	4121880

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM	Annual O&M STCK1	STCK2	STCK3	PAREA5	VOL1	Total	Receptor Type
605632	4121420	5.40E-05	5.45E-05	5.50E-05	1.93E-06	1.98E-05	1.85E-04	Residence
605652	4121420	5.46E-05	5.51E-05	5.56E-05	1.95E-06	2.05E-05	1.88E-04	Residence
605672	4121420	5.44E-05	5.49E-05	5.53E-05	1.98E-06	2.11E-05	1.88E-04	Residence
605692	4121420	5.52E-05	5.57E-05	5.62E-05	2.02E-06	2.19E-05	1.91E-04	Residence
605712	4121420	5.61E-05	5.66E-05	5.71E-05	2.06E-06	2.26E-05	1.94E-04	Residence
605732	4121420	5.68E-05	5.73E-05	5.78E-05	2.10E-06	2.34E-05	1.97E-04	Residence
605752	4121420	5.74E-05	5.79E-05	5.84E-05	2.15E-06	2.42E-05	2.00E-04	Residence
605772	4121420	5.80E-05	5.85E-05	5.90E-05	2.20E-06	2.50E-05	2.03E-04	Residence
605792	4121420	5.86E-05	5.91E-05	5.96E-05	2.27E-06	2.59E-05	2.05E-04	Residence
605812	4121420	5.92E-05	5.97E-05	6.02E-05	2.34E-06	2.68E-05	2.08E-04	Residence
605832	4121420	5.99E-05	6.04E-05	6.09E-05	2.43E-06	2.78E-05	2.11E-04	Residence
605852	4121420	6.06E-05	6.12E-05	6.17E-05	2.53E-06	2.87E-05	2.15E-04	Residence
605872	4121420	6.14E-05	6.19E-05	6.25E-05	2.65E-06	2.97E-05	2.18E-04	Residence
605892	4121420	6.13E-05	6.18E-05	6.24E-05	2.77E-06	3.08E-05	2.19E-04	Residence
605912	4121420	6.24E-05	6.29E-05	6.35E-05	2.92E-06	3.19E-05	2.24E-04	Residence
605932	4121420	6.32E-05	6.37E-05	6.43E-05	3.07E-06	3.29E-05	2.27E-04	Residence
605952	4121420	6.42E-05	6.46E-05	6.53E-05	3.25E-06	3.41E-05	2.31E-04	Residence
605972	4121420	6.54E-05	6.59E-05	6.65E-05	3.43E-06	3.52E-05	2.36E-04	Residence
605992	4121420	6.63E-05	6.68E-05	6.74E-05	3.64E-06	3.64E-05	2.40E-04	Residence
606012	4121420	6.74E-05	6.79E-05	6.85E-05	3.86E-06	3.76E-05	2.45E-04	Residence
606032	4121420	6.91E-05	6.95E-05	7.02E-05	4.10E-06	3.88E-05	2.52E-04	Residence
606052	4121420	7.08E-05	7.12E-05	7.18E-05	4.37E-06	4.00E-05	2.58E-04	Residence
606072	4121420	7.26E-05	7.30E-05	7.37E-05	4.68E-06	4.13E-05	2.65E-04	Residence
606092	4121420	7.51E-05	7.56E-05	7.63E-05	5.04E-06	4.27E-05	2.75E-04	Residence
606112	4121420	7.86E-05	7.90E-05	7.98E-05	5.48E-06	4.41E-05	2.87E-04	Residence
606132	4121420	7.99E-05	8.03E-05	8.11E-05	5.98E-06	4.56E-05	2.93E-04	Residence

Risk Calculation, Part 2 ∑R1*C_{DPM} 16<30	Total	HI C_{DPM}/REL
4.82E-08	0.05	0.00
4.88E-08	0.05	0.00
4.88E-08	0.05	0.00
4.96E-08	0.05	0.00
5.06E-08	0.05	0.00
5.13E-08	0.05	0.00
5.20E-08	0.05	0.00
5.27E-08	0.05	0.00
5.34E-08	0.05	0.00
5.42E-08	0.05	0.00
5.50E-08	0.05	0.00
5.58E-08	0.06	0.00
5.67E-08	0.06	0.00
5.69E-08	0.06	0.00
5.81E-08	0.06	0.00
5.91E-08	0.06	0.00
6.01E-08	0.06	0.00
6.14E-08	0.06	0.00
6.25E-08	0.06	0.00
6.38E-08	0.06	0.00
6.54E-08	0.07	0.00
6.71E-08	0.07	0.00
6.90E-08	0.07	0.00
7.14E-08	0.07	0.00
7.46E-08	0.07	0.00
7.61E-08	0.08	0.00

Annual $PM_{2.5}$ Concentration Annual O&M STCK1	STCK2	STCK3	PAREA5	VOL1	Total
5.40E-05	5.45E-05	5.50E-05	3.13E-06	1.82E-05	1.85E-04
5.46E-05	5.51E-05	5.56E-05	3.18E-06	1.88E-05	1.87E-04
5.44E-05	5.49E-05	5.53E-05	3.22E-06	1.94E-05	1.87E-04
5.52E-05	5.57E-05	5.62E-05	3.28E-06	2.01E-05	1.90E-04
5.61E-05	5.66E-05	5.71E-05	3.34E-06	2.08E-05	1.94E-04
5.68E-05	5.73E-05	5.78E-05	3.41E-06	2.15E-05	1.97E-04
5.74E-05	5.79E-05	5.84E-05	3.49E-06	2.23E-05	1.99E-04
5.80E-05	5.85E-05	5.90E-05	3.58E-06	2.30E-05	2.02E-04
5.86E-05	5.91E-05	5.96E-05	3.69E-06	2.38E-05	2.05E-04
5.92E-05	5.97E-05	6.02E-05	3.81E-06	2.47E-05	2.08E-04
5.99E-05	6.04E-05	6.09E-05	3.95E-06	2.55E-05	2.11E-04
6.06E-05	6.12E-05	6.17E-05	4.11E-06	2.64E-05	2.14E-04
6.14E-05	6.19E-05	6.25E-05	4.30E-06	2.74E-05	2.17E-04
6.13E-05	6.18E-05	6.24E-05	4.51E-06	2.83E-05	2.18E-04
6.24E-05	6.29E-05	6.35E-05	4.74E-06	2.93E-05	2.23E-04
6.32E-05	6.37E-05	6.43E-05	4.99E-06	3.03E-05	2.27E-04
6.42E-05	6.46E-05	6.53E-05	5.28E-06	3.13E-05	2.31E-04
6.54E-05	6.59E-05	6.65E-05	5.58E-06	3.24E-05	2.36E-04
6.63E-05	6.68E-05	6.74E-05	5.91E-06	3.35E-05	2.40E-04
6.74E-05	6.79E-05	6.85E-05	6.27E-06	3.46E-05	2.45E-04
6.91E-05	6.95E-05	7.02E-05	6.66E-06	3.57E-05	2.51E-04
7.08E-05	7.12E-05	7.18E-05	7.10E-06	3.68E-05	2.58E-04
7.26E-05	7.30E-05	7.37E-05	7.60E-06	3.80E-05	2.65E-04
7.51E-05	7.56E-05	7.63E-05	8.19E-06	3.93E-05	2.74E-04
7.86E-05	7.90E-05	7.98E-05	8.90E-06	4.06E-05	2.87E-04
7.99E-05	8.03E-05	8.11E-05	9.72E-06	4.19E-05	2.93E-04

606152	4121420	8.24E-05	8.29E-05	8.36E-05	6.58E-06	4.71E-05	3.03E-04	Residence	7.87E-08	0.08	0.00	8.24E-05	8.29E-05	8.36E-05	1.07E-05	4.33E-05	3.03E-04
606172	4121420	8.54E-05	8.59E-05	8.67E-05	7.26E-06	4.88E-05	3.14E-04	Residence	8.16E-08	0.08	0.00	8.54E-05	8.59E-05	8.67E-05	1.18E-05	4.49E-05	3.15E-04
606192	4121420	8.92E-05	8.98E-05	9.06E-05	8.04E-06	5.05E-05	3.28E-04	Residence	8.53E-08	0.09	0.00	8.92E-05	8.98E-05	9.06E-05	1.31E-05	4.65E-05	3.29E-04
606212	4121420	9.40E-05	9.45E-05	9.54E-05	8.90E-06	5.24E-05	3.45E-04	Residence	8.97E-08	0.09	0.00	9.40E-05	9.45E-05	9.54E-05	1.45E-05	4.82E-05	3.47E-04
606232	4121420	9.92E-05	9.98E-05	1.01E-04	9.83E-06	5.43E-05	3.64E-04	Residence	9.46E-08	0.09	0.00	9.92E-05	9.98E-05	1.01E-04	1.60E-05	5.00E-05	3.66E-04
606252	4121420	1.05E-04	1.06E-04	1.07E-04	1.08E-05	5.64E-05	3.86E-04	Residence	1.00E-07	0.10	0.00	1.05E-04	1.06E-04	1.07E-04	1.76E-05	5.19E-05	3.88E-04
606272	4121420	1.12E-04	1.13E-04	1.15E-04	1.19E-05	5.86E-05	4.11E-04	Residence	1.07E-07	0.11	0.00	1.12E-04	1.13E-04	1.15E-04	1.94E-05	5.39E-05	4.14E-04
606292	4121420	1.21E-04	1.22E-04	1.23E-04	1.31E-05	6.10E-05	4.39E-04	Residence	1.14E-07	0.11	0.00	1.21E-04	1.22E-04	1.23E-04	2.13E-05	5.61E-05	4.43E-04
606312	4121420	1.30E-04	1.31E-04	1.33E-04	1.43E-05	6.35E-05	4.72E-04	Residence	1.23E-07	0.12	0.00	1.30E-04	1.31E-04	1.33E-04	2.33E-05	5.84E-05	4.76E-04
606332	4121420	1.41E-04	1.43E-04	1.45E-04	1.57E-05	6.62E-05	5.11E-04	Residence	1.33E-07	0.13	0.00	1.41E-04	1.43E-04	1.45E-04	2.55E-05	6.09E-05	5.16E-04
606352	4121420	1.54E-04	1.56E-04	1.58E-04	1.72E-05	6.92E-05	5.55E-04	Residence	1.44E-07	0.14	0.00	1.54E-04	1.56E-04	1.58E-04	2.79E-05	6.36E-05	5.60E-04
606372	4121420	1.68E-04	1.70E-04	1.73E-04	1.88E-05	7.23E-05	6.02E-04	Residence	1.56E-07	0.16	0.00	1.68E-04	1.70E-04	1.73E-04	3.05E-05	6.65E-05	6.08E-04
606392	4121420	1.84E-04	1.86E-04	1.90E-04	2.05E-05	7.55E-05	6.56E-04	Residence	1.70E-07	0.17	0.00	1.84E-04	1.86E-04	1.90E-04	3.33E-05	6.95E-05	6.63E-04
606412	4121420	2.01E-04	2.04E-04	2.08E-04	2.23E-05	7.88E-05	7.14E-04	Residence	1.86E-07	0.19	0.00	2.01E-04	2.04E-04	2.08E-04	3.63E-05	7.25E-05	7.22E-04
606432	4121420	2.19E-04	2.22E-04	2.27E-04	2.41E-05	8.20E-05	7.74E-04	Residence	2.01E-07	0.20	0.00	2.19E-04	2.22E-04	2.27E-04	3.92E-05	7.55E-05	7.83E-04
606452	4121420	2.42E-04	2.47E-04	2.53E-04	2.60E-05	8.52E-05	8.53E-04	Residence	2.22E-07	0.22	0.00	2.42E-04	2.47E-04	2.53E-04	4.22E-05	7.84E-05	8.62E-04
606472	4121420	2.68E-04	2.74E-04	2.80E-04	2.77E-05	8.81E-05	9.38E-04	Residence	2.44E-07	0.24	0.00	2.68E-04	2.74E-04	2.80E-04	4.50E-05	8.11E-05	9.48E-04
606492	4121420	2.94E-04	3.00E-04	3.08E-04	2.92E-05	9.06E-05	1.02E-03	Residence	2.65E-07	0.27	0.00	2.94E-04	3.00E-04	3.08E-04	4.75E-05	8.33E-05	1.03E-03
606512	4121420	3.18E-04	3.25E-04	3.34E-04	3.05E-05	9.25E-05	1.10E-03	Residence	2.86E-07	0.29	0.00	3.18E-04	3.25E-04	3.34E-04	4.96E-05	8.51E-05	1.11E-03
606532	4121420	3.46E-04	3.54E-04	3.63E-04	3.16E-05	9.40E-05	1.19E-03	Residence	3.09E-07	0.31	0.00	3.46E-04	3.54E-04	3.63E-04	5.13E-05	8.65E-05	1.20E-03
606552	4121420	3.78E-04	3.87E-04	3.98E-04	3.24E-05	9.51E-05	1.29E-03	Residence	3.35E-07	0.34	0.00	3.78E-04	3.87E-04	3.98E-04	5.27E-05	8.75E-05	1.30E-03
606572	4121420	4.09E-04	4.19E-04	4.30E-04	3.29E-05	9.56E-05	1.39E-03	Residence	3.61E-07	0.36	0.00	4.09E-04	4.19E-04	4.30E-04	5.35E-05	8.80E-05	1.40E-03
606592	4121420	4.34E-04	4.45E-04	4.56E-04	3.32E-05	9.56E-05	1.46E-03	Residence	3.80E-07	0.38	0.00	4.34E-04	4.45E-04	4.56E-04	5.39E-05	8.79E-05	1.48E-03
606612	4121420	4.61E-04	4.72E-04	4.84E-04	3.32E-05	9.51E-05	1.54E-03	Residence	4.02E-07	0.40	0.00	4.61E-04	4.72E-04	4.84E-04	5.40E-05	8.75E-05	1.56E-03
606632	4121420	4.86E-04	4.97E-04	5.09E-04	3.31E-05	9.43E-05	1.62E-03	Residence	4.21E-07	0.42	0.00	4.86E-04	4.97E-04	5.09E-04	5.37E-05	8.68E-05	1.63E-03
606652	4121420	5.09E-04	5.20E-04	5.32E-04	3.28E-05	9.32E-05	1.69E-03	Residence	4.38E-07	0.44	0.00	5.09E-04	5.20E-04	5.32E-04	5.33E-05	8.57E-05	1.70E-03
606672	4121420	5.27E-04	5.39E-04	5.51E-04	3.24E-05	9.18E-05	1.74E-03	Residence	4.53E-07	0.45	0.00	5.27E-04	5.39E-04	5.51E-04	5.26E-05	8.44E-05	1.75E-03
606692	4121420	5.43E-04	5.55E-04	5.66E-04	3.19E-05	9.01E-05	1.79E-03	Residence	4.64E-07	0.46	0.00	5.43E-04	5.55E-04	5.66E-04	5.18E-05	8.29E-05	1.80E-03
606712	4121420	5.56E-04	5.67E-04	5.78E-04	3.14E-05	8.83E-05	1.82E-03	Residence	4.73E-07	0.47	0.00	5.56E-04	5.67E-04	5.78E-04	5.10E-05	8.12E-05	1.83E-03
606732	4121420	5.66E-04	5.77E-04	5.88E-04	3.08E-05	8.64E-05	1.85E-03	Residence	4.80E-07	0.48	0.00	5.66E-04	5.77E-04	5.88E-04	5.00E-05	7.94E-05	1.86E-03
606752	4121420	5.73E-04	5.83E-04	5.93E-04	3.02E-05	8.43E-05	1.86E-03	Residence	4.85E-07	0.48	0.00	5.73E-04	5.83E-04	5.93E-04	4.90E-05	7.76E-05	1.88E-03
606772	4121420	5.77E-04	5.87E-04	5.97E-04	2.95E-05	8.22E-05	1.87E-03	Residence	4.87E-07	0.49	0.00	5.77E-04	5.87E-04	5.97E-04	4.80E-05	7.56E-05	1.88E-03
606792	4121420	5.79E-04	5.89E-04	5.98E-04	2.89E-05	8.00E-05	1.87E-03	Residence	4.87E-07	0.49	0.00	5.79E-04	5.89E-04	5.98E-04	4.69E-05	7.36E-05	1.89E-03
606812	4121420	5.78E-04	5.88E-04	5.96E-04	2.82E-05	7.77E-05	1.87E-03	Residence	4.86E-07	0.49	0.00	5.78E-04	5.88E-04	5.96E-04	4.58E-05	7.15E-05	1.88E-03
606832	4121420	5.77E-04	5.86E-04	5.94E-04	2.75E-05	7.55E-05	1.86E-03	Residence	4.84E-07	0.48	0.00	5.77E-04	5.86E-04	5.94E-04	4.47E-05	6.95E-05	1.87E-03
606852	4121420	5.74E-04	5.82E-04	5.90E-04	2.68E-05	7.32E-05	1.85E-03	Residence	4.80E-07	0.48	0.00	5.74E-04	5.82E-04	5.90E-04	4.36E-05	6.74E-05	1.86E-03
606872	4121420	5.71E-04	5.78E-04	5.86E-04	2.62E-05	7.10E-05	1.83E-03	Residence	4.76E-07	0.48	0.00	5.71E-04	5.78E-04	5.86E-04	4.25E-05	6.53E-05	1.84E-03
606892	4121420	5.65E-04	5.72E-04	5.79E-04	2.55E-05	6.88E-05	1.81E-03	Residence	4.71E-07	0.47	0.00	5.65E-04	5.72E-04	5.79E-04	4.14E-05	6.33E-05	1.82E-03
606912	4121420	5.58E-04	5.65E-04	5.71E-04	2.48E-05	6.66E-05	1.79E-03	Residence	4.64E-07	0.46	0.00	5.58E-04	5.65E-04	5.71E-04	4.03E-05	6.12E-05	1.80E-03
606932	4121420	5.52E-04	5.58E-04	5.64E-04	2.41E-05	6.44E-05	1.76E-03	Residence	4.58E-07	0.46	0.00	5.52E-04	5.58E-04	5.64E-04	3.91E-05	5.92E-05	1.77E-03
606952	4121420	5.47E-04	5.53E-04	5.58E-04	2.34E-05	6.23E-05	1.74E-03	Residence	4.53E-07	0.45	0.00	5.47E-04	5.53E-04	5.58E-04	3.80E-05	5.73E-05	1.75E-03
606972	4121420	5.36E-04	5.41E-04	5.45E-04	2.27E-05	6.01E-05	1.70E-03	Residence	4.43E-07	0.44	0.00	5.36E-04	5.41E-04	5.45E-04	3.69E-05	5.53E-05	1.71E-03
606992	4121420	5.25E-04	5.30E-04	5.34E-04	2.20E-05	5.81E-05	1.67E-03	Residence	4.34E-07	0.43	0.00	5.25E-04	5.30E-04	5.34E-04	3.57E-05	5.34E-05	1.68E-03
607012	4121420	5.15E-04	5.20E-04	5.23E-04	2.13E-05	5.61E-05	1.64E-03	Residence	4.25E-07	0.43	0.00	5.15E-04	5.20E-04	5.23E-04	3.46E-05	5.16E-05	1.64E-03
607032	4121420	5.08E-04	5.12E-04	5.15E-04	2.06E-05	5.42E-05	1.61E-03	Residence	4.18E-07	0.42	0.00	5.08E-04	5.12E-04	5.15E-04	3.35E-05	4.98E-05	1.62E-03
607052	4121420	4.96E-04	5.00E-04	5.02E-04	1.99E-05	5.22E-05	1.57E-03	Residence	4.08E-07	0.41	0.00	4.96E-04	5.00E-04	5.02E-04	3.24E-05	4.81E-05	1.58E-03
605632	4121440	5.56E-05	5.61E-05	5.66E-05	2.04E-06	2.04E-05	1.91E-04	Residence	4.96E-08	0.05	0.00	5.56E-05	5.61E-05	5.66E-05	3.32E-06	1.88E-05	1.90E-04
605652	4121440	5.61E-05	5.67E-05	5.71E-05	2.07E-06	2.11E-05	1.93E-04	Residence	5.02E-08	0.05	0.00	5.61E-05	5.67E-05	5.71E-05	3.36E-06	1.95E-05	1.93E-04
605672	4121440	5.58E-05	5.63E-05	5.68E-05	2.10E-06	2.18E-05	1.93E-04	Residence	5.01E-08	0.05	0.00	5.58E-05	5.63E-05	5.68E-05	3.41E-06	2.01E-05	1.92E-04
605692	4121440	5.70E-05	5.76E-05	5.80E-05	2.13E-06	2.26E-05	1.97E-04	Residence	5.13E-08	0.05	0.00	5.70E-05	5.76E-05	5.80E-05	3.46E-06	2.08E-05	1.97E-04
605712	4121440	5.79E-05	5.84E-05	5.89E-05	2.17E-06	2.34E-05	2.01E-04	Residence	5.22E-08	0.05	0.00	5.79E-05	5.84E-05	5.89E-05	3.52E-06	2.16E-05	2.00E-04
605732	4121440	5.85E-05	5.90E-05	5.95E-05	2.21E-06	2.43E-05	2.03E-04	Residence	5.29E-08	0.05	0.00	5.85E-05	5.90E-05	5.95E-05	3.59E-06	2.23E-05	2.03E-04
605752	4121440	5.90E-05	5.95E-05	6.01E-05	2.26E-06	2.52E-05	2.06E-04	Residence	5.35E-08	0.05	0.00	5.90E-05	5.95E-05	6.01E-05	3.67E-06	2.31E-05	2.05E-04
605772	4121440	5.96E-05	6.01E-05	6.06E-05	2.32E-06	2.61E-05	2.09E-04	Residence	5.42E-08	0.05	0.00	5.96E-05	6.01E-05	6.06E-05	3.76E-06	2.40E-05	2.08E-04
605792	4121440	6.02E-05	6.07E-05	6.12E-05	2.38E-06	2.70E-05	2.12E-04	Residence	5.50E-08	0.05	0.00	6.02E-05	6.07E-05	6.12E-05	3.87E-06	2.48E-05	2.11E-04
605812	4121440	6.08E-05	6.14E-05	6.19E-05	2.45E-06	2.80E-05	2.14E-04	Residence	5.58E-08	0.06	0.00	6.08E-05	6.14E-05	6.19E-05	3.99E-06	2.58E-05	2.14E-04
605832	4121440	6.15E-05	6.20E-05	6.26E-05	2.54E-06	2.90E-05	2.18E-04	Residence	5.66E-08	0.06	0.00	6.15E-05	6.20E-05	6.26E-05	4.13E-06	2.67E-05	2.17E-04
605852	4121440	6.22E-05	6.27E-05	6.33E-05	2.64E-06	3.01E-05	2.21E-04	Residence	5.74E-08	0.06	0.00	6.22E-05	6.27E-05	6.33E-05	4.29E-06	2.77E-05	2.20E-04
605872	4121440	6.28E-05	6.34E-05	6.40E-05	2.76E-06	3.12E-05	2.24E-04	Residence	5.83E-08	0.06	0.00	6.28E-05	6.34E-05	6.40E-05	4.48E-06	2.87E-05	2.23E-04
605892	4121440	6.32E-05	6.38E-05	6.45E-05	2.89E-06	3.23E-05	2.27E-04	Residence	5.89E-08	0.06	0.00	6.32E-05	6.38E-05	6.45E-05	4.70E-06	2.97E-05	2.26E-04
605912	4121440	6.39E-05	6.45E-05	6.51E-05	3.04E-06	3.35E-05	2.30E-04	Residence	5.98E-08	0.06	0.00	6.39E-05	6.45E-05	6.51E-05	4.94E-06	3.08E-05	2.29E-04
605932	4121440	6.47E-05	6.52E-05	6.59E-05	3.20E-06	3.47E-05	2.34E-04	Residence	6.07E-08	0.06	0.00	6.47E-05	6.52E-05	6.59E-05	5.21E-06	3.19E-05	2.33E-04
605952	4121440	6.57E-05	6.62E-05	6.69E-05	3.39E-06	3.59E-05	2.38E-04	Residence	6.19E-08	0.06	0.00	6.57E-05	6.62E-05	6.69E-05	5.51E-06	3.31E-05	2.37E-04
605972	4121440	6.68E-05	6.74E-05	6.80E-05	3.59E-06	3.72E-05	2.43E-04	Residence	6.32E-08	0.06	0.00	6.68E-05	6.74E-05	6.80E-05	5.83E-06	3.42E-05	2.42E-04
605992	4121440	6.78E-05	6.83E-05	6.89E-05	3.81E-06	3.85E-05	2.47E-04	Residence	6.43E-08	0.06	0.00	6.78E-05	6.83E-05	6.89E-05	6.19E-06	3.54E-05	2.47E-04
606012	4121440	6.89E-05	6.94E-05	7.00E-05	4.05E-06	3.98E-05	2.52E-04	Residence	6.56E-08	0.07	0.00	6.89E-05	6.94E-05	7.00E-05	6.58E-06	3.67E-05	2.52E-04
606032	4121440	7.05E-05	7.09E-05	7.16E-05	4.31E-06	4.12E-05	2.58E-04	Residence	6.72E-08	0.07	0.00	7.05E-05	7.09E-05	7.16E-05	7.00E-06	3.79E-05	2.58E-04
606052	4121440	7.21E-05	7.25E-05	7.32E-05	4.60E-06	4.26E-05	2.65E-04	Residence	6.89E-08	0.07	0.00	7.21E-05	7.25E-05	7.32E-05	7.48E-06	3.92E-05	2.64E-04
606072	4121440	7.37E-05	7.42E-05	7.49E-05	4.94E-06	4.40E-05	2.72E-04	Residence	7.06E-08	0.07	0.00	7.37E-05	7.42E-05	7.49E-05	8.02E-06	4.05E-05	2.71E-04
606092	4121440	7.68E-05	7.73E-05	7.80E-05	5.33E-06	4.55E-05	2.83E-04	Residence	7.35E-08	0.07	0.00	7.68E-05	7.73E-05	7.80E-05	8.66E-06	4.19E-05	2.83E-04
606112	4121440	8.02E-05	8.07E-05	8.14E-05	5.80E-06	4.71E-05	2.95E-04	Residence	7.67E-08	0.08	0.00	8.02E-05	8.07E-05	8.14E-05	9.42E-06	4.33E-05	2.95E-04
606132	4121440	8.16E-05	8.21E-05	8.28E-05	6.35E-06	4.87E-05	3.02E-04	Residence	7.84E-08	0.08	0.00	8.16E-05	8.21E-05	8.28E-05	1.03E-05	4.48E-05	3.02E-04
606152	4121440	8.39E-05	8.44E-05	8.52E-05	7.01E-06	5.05E-05	3.11E-04	Residence	8.08E-08	0.08	0.00	8.39E-05	8.44E-05	8.52E-05	1.14E-05	4.64E-05	3.11E-04

606172	4121440	8.73E-05	8.78E-05	8.85E-05	7.77E-06	5.23E-05	3.24E-04	Residence	8.41E-08	0.08	0.00	8.73E-05	8.78E-05	8.85E-05	1.26E-05	4.81E-05	3.24E-04
606192	4121440	9.12E-05	9.17E-05	9.24E-05	8.63E-06	5.43E-05	3.38E-04	Residence	8.79E-08	0.09	0.00	9.12E-05	9.17E-05	9.24E-05	1.40E-05	4.99E-05	3.39E-04
606212	4121440	9.56E-05	9.61E-05	9.69E-05	9.60E-06	5.64E-05	3.55E-04	Residence	9.22E-08	0.09	0.00	9.56E-05	9.61E-05	9.69E-05	1.56E-05	5.19E-05	3.56E-04
606232	4121440	1.01E-04	1.02E-04	1.03E-04	1.06E-05	5.86E-05	3.75E-04	Residence	9.76E-08	0.10	0.00	1.01E-04	1.02E-04	1.03E-04	1.73E-05	5.39E-05	3.77E-04
606252	4121440	1.08E-04	1.08E-04	1.09E-04	1.18E-05	6.10E-05	3.98E-04	Residence	1.03E-07	0.10	0.00	1.08E-04	1.08E-04	1.09E-04	1.92E-05	5.61E-05	4.00E-04
606272	4121440	1.15E-04	1.16E-04	1.17E-04	1.30E-05	6.35E-05	4.24E-04	Residence	1.10E-07	0.11	0.00	1.15E-04	1.16E-04	1.17E-04	2.11E-05	5.84E-05	4.27E-04
606292	4121440	1.24E-04	1.25E-04	1.26E-04	1.43E-05	6.62E-05	4.55E-04	Residence	1.18E-07	0.12	0.00	1.24E-04	1.25E-04	1.26E-04	2.33E-05	6.09E-05	4.59E-04
606312	4121440	1.34E-04	1.35E-04	1.37E-04	1.58E-05	6.91E-05	4.92E-04	Residence	1.28E-07	0.13	0.00	1.34E-04	1.35E-04	1.37E-04	2.56E-05	6.35E-05	4.96E-04
606332	4121440	1.46E-04	1.47E-04	1.49E-04	1.73E-05	7.22E-05	5.32E-04	Residence	1.38E-07	0.14	0.00	1.46E-04	1.47E-04	1.49E-04	2.82E-05	6.64E-05	5.37E-04
606352	4121440	1.59E-04	1.61E-04	1.63E-04	1.90E-05	7.55E-05	5.77E-04	Residence	1.50E-07	0.15	0.00	1.59E-04	1.61E-04	1.63E-04	3.09E-05	6.95E-05	5.83E-04
606372	4121440	1.74E-04	1.76E-04	1.79E-04	2.09E-05	7.90E-05	6.29E-04	Residence	1.63E-07	0.16	0.00	1.74E-04	1.76E-04	1.79E-04	3.39E-05	7.27E-05	6.35E-04
606392	4121440	1.91E-04	1.93E-04	1.97E-04	2.28E-05	8.27E-05	6.87E-04	Residence	1.79E-07	0.18	0.00	1.91E-04	1.93E-04	1.97E-04	3.71E-05	7.61E-05	6.95E-04
606412	4121440	2.10E-04	2.13E-04	2.18E-04	2.49E-05	8.64E-05	7.53E-04	Residence	1.96E-07	0.20	0.00	2.10E-04	2.13E-04	2.18E-04	4.04E-05	7.95E-05	7.61E-04
606432	4121440	2.32E-04	2.36E-04	2.42E-04	2.69E-05	9.00E-05	8.27E-04	Residence	2.15E-07	0.21	0.00	2.32E-04	2.36E-04	2.42E-04	4.37E-05	8.28E-05	8.36E-04
606452	4121440	2.60E-04	2.65E-04	2.71E-04	2.89E-05	9.34E-05	9.18E-04	Residence	2.39E-07	0.24	0.00	2.60E-04	2.65E-04	2.71E-04	4.70E-05	8.59E-05	9.29E-04
606472	4121440	2.86E-04	2.91E-04	2.99E-04	3.07E-05	9.64E-05	1.00E-03	Residence	2.61E-07	0.26	0.00	2.86E-04	2.91E-04	2.99E-04	4.99E-05	8.86E-05	1.01E-03
606492	4121440	3.13E-04	3.20E-04	3.29E-04	3.23E-05	9.88E-05	1.09E-03	Residence	2.84E-07	0.28	0.00	3.13E-04	3.20E-04	3.29E-04	5.25E-05	9.09E-05	1.11E-03
606512	4121440	3.46E-04	3.54E-04	3.64E-04	3.36E-05	1.01E-04	1.20E-03	Residence	3.12E-07	0.31	0.00	3.46E-04	3.54E-04	3.64E-04	5.46E-05	9.27E-05	1.21E-03
606532	4121440	3.79E-04	3.89E-04	3.99E-04	3.46E-05	1.02E-04	1.30E-03	Residence	3.39E-07	0.34	0.00	3.79E-04	3.89E-04	3.99E-04	5.62E-05	9.39E-05	1.32E-03
606552	4121440	4.12E-04	4.22E-04	4.34E-04	3.53E-05	1.03E-04	1.41E-03	Residence	3.65E-07	0.37	0.00	4.12E-04	4.22E-04	4.34E-04	5.73E-05	9.46E-05	1.42E-03
606572	4121440	4.41E-04	4.52E-04	4.64E-04	3.56E-05	1.03E-04	1.50E-03	Residence	3.89E-07	0.39	0.00	4.41E-04	4.52E-04	4.64E-04	5.79E-05	9.47E-05	1.51E-03
606592	4121440	4.70E-04	4.82E-04	4.95E-04	3.57E-05	1.03E-04	1.59E-03	Residence	4.12E-07	0.41	0.00	4.70E-04	4.82E-04	4.95E-04	5.80E-05	9.43E-05	1.60E-03
606612	4121440	4.98E-04	5.10E-04	5.23E-04	3.56E-05	1.02E-04	1.67E-03	Residence	4.34E-07	0.43	0.00	4.98E-04	5.10E-04	5.23E-04	5.78E-05	9.35E-05	1.68E-03
606632	4121440	5.23E-04	5.36E-04	5.49E-04	3.53E-05	1.00E-04	1.74E-03	Residence	4.53E-07	0.45	0.00	5.23E-04	5.36E-04	5.49E-04	5.73E-05	9.24E-05	1.76E-03
606652	4121440	5.45E-04	5.57E-04	5.70E-04	3.48E-05	9.88E-05	1.81E-03	Residence	4.69E-07	0.47	0.00	5.45E-04	5.57E-04	5.70E-04	5.66E-05	9.09E-05	1.82E-03
606672	4121440	5.64E-04	5.76E-04	5.88E-04	3.43E-05	9.70E-05	1.86E-03	Residence	4.83E-07	0.48	0.00	5.64E-04	5.76E-04	5.88E-04	5.58E-05	8.92E-05	1.87E-03
606692	4121440	5.78E-04	5.90E-04	6.03E-04	3.37E-05	9.50E-05	1.90E-03	Residence	4.94E-07	0.49	0.00	5.78E-04	5.90E-04	6.03E-04	5.48E-05	8.74E-05	1.91E-03
606712	4121440	5.90E-04	6.02E-04	6.14E-04	3.31E-05	9.28E-05	1.93E-03	Residence	5.02E-07	0.50	0.00	5.90E-04	6.02E-04	6.14E-04	5.37E-05	8.53E-05	1.95E-03
606732	4121440	5.99E-04	6.11E-04	6.22E-04	3.24E-05	9.05E-05	1.96E-03	Residence	5.08E-07	0.51	0.00	5.99E-04	6.11E-04	6.22E-04	5.26E-05	8.32E-05	1.97E-03
606752	4121440	6.05E-04	6.16E-04	6.27E-04	3.17E-05	8.80E-05	1.97E-03	Residence	5.12E-07	0.51	0.00	6.05E-04	6.16E-04	6.27E-04	5.15E-05	8.10E-05	1.98E-03
606772	4121440	6.09E-04	6.19E-04	6.29E-04	3.09E-05	8.56E-05	1.97E-03	Residence	5.13E-07	0.51	0.00	6.09E-04	6.19E-04	6.29E-04	5.03E-05	7.87E-05	1.99E-03
606792	4121440	6.10E-04	6.20E-04	6.30E-04	3.02E-05	8.31E-05	1.97E-03	Residence	5.13E-07	0.51	0.00	6.10E-04	6.20E-04	6.30E-04	4.91E-05	7.64E-05	1.99E-03
606812	4121440	6.09E-04	6.19E-04	6.27E-04	2.94E-05	8.06E-05	1.96E-03	Residence	5.11E-07	0.51	0.00	6.09E-04	6.19E-04	6.27E-04	4.78E-05	7.41E-05	1.98E-03
606832	4121440	6.06E-04	6.15E-04	6.23E-04	2.87E-05	7.80E-05	1.95E-03	Residence	5.07E-07	0.51	0.00	6.06E-04	6.15E-04	6.23E-04	4.66E-05	7.18E-05	1.96E-03
606852	4121440	6.01E-04	6.10E-04	6.18E-04	2.79E-05	7.55E-05	1.93E-03	Residence	5.02E-07	0.50	0.00	6.01E-04	6.10E-04	6.18E-04	4.53E-05	6.95E-05	1.94E-03
606872	4121440	5.95E-04	6.03E-04	6.11E-04	2.71E-05	7.30E-05	1.91E-03	Residence	4.96E-07	0.50	0.00	5.95E-04	6.03E-04	6.11E-04	4.40E-05	6.71E-05	1.92E-03
606892	4121440	5.88E-04	5.96E-04	6.02E-04	2.63E-05	7.05E-05	1.88E-03	Residence	4.90E-07	0.49	0.00	5.88E-04	5.96E-04	6.02E-04	4.27E-05	6.49E-05	1.89E-03
606912	4121440	5.80E-04	5.87E-04	5.93E-04	2.55E-05	6.81E-05	1.85E-03	Residence	4.82E-07	0.48	0.00	5.80E-04	5.87E-04	5.93E-04	4.15E-05	6.26E-05	1.86E-03
606932	4121440	5.71E-04	5.77E-04	5.82E-04	2.47E-05	6.57E-05	1.82E-03	Residence	4.73E-07	0.47	0.00	5.71E-04	5.77E-04	5.82E-04	4.02E-05	6.04E-05	1.83E-03
606952	4121440	5.64E-04	5.70E-04	5.75E-04	2.40E-05	6.34E-05	1.80E-03	Residence	4.67E-07	0.47	0.00	5.64E-04	5.70E-04	5.75E-04	3.89E-05	5.83E-05	1.81E-03
606972	4121440	5.50E-04	5.55E-04	5.60E-04	2.32E-05	6.10E-05	1.75E-03	Residence	4.55E-07	0.45	0.00	5.50E-04	5.55E-04	5.60E-04	3.76E-05	5.62E-05	1.76E-03
606992	4121440	5.39E-04	5.44E-04	5.47E-04	2.24E-05	5.88E-05	1.71E-03	Residence	4.45E-07	0.44	0.00	5.39E-04	5.44E-04	5.47E-04	3.64E-05	5.41E-05	1.72E-03
607012	4121440	5.28E-04	5.32E-04	5.35E-04	2.16E-05	5.67E-05	1.67E-03	Residence	4.35E-07	0.43	0.00	5.28E-04	5.32E-04	5.35E-04	3.51E-05	5.21E-05	1.68E-03
607032	4121440	5.17E-04	5.21E-04	5.23E-04	2.09E-05	5.46E-05	1.64E-03	Residence	4.25E-07	0.43	0.00	5.17E-04	5.21E-04	5.23E-04	3.39E-05	5.02E-05	1.65E-03
607052	4121440	5.07E-04	5.10E-04	5.12E-04	2.02E-05	5.26E-05	1.60E-03	Residence	4.16E-07	0.42	0.00	5.07E-04	5.10E-04	5.12E-04	3.28E-05	4.84E-05	1.61E-03
605632	4121460	5.74E-05	5.79E-05	5.84E-05	2.17E-06	2.11E-05	1.97E-04	Residence	5.12E-08	0.05	0.00	5.74E-05	5.79E-05	5.84E-05	3.52E-06	1.94E-05	1.97E-04
605652	4121460	5.76E-05	5.82E-05	5.87E-05	2.20E-06	2.18E-05	1.99E-04	Residence	5.16E-08	0.05	0.00	5.76E-05	5.82E-05	5.87E-05	3.57E-06	2.01E-05	1.98E-04
605672	4121460	5.75E-05	5.81E-05	5.86E-05	2.23E-06	2.26E-05	1.99E-04	Residence	5.17E-08	0.05	0.00	5.75E-05	5.81E-05	5.86E-05	3.62E-06	2.08E-05	1.99E-04
605692	4121460	5.89E-05	5.94E-05	5.99E-05	2.26E-06	2.34E-05	2.04E-04	Residence	5.30E-08	0.05	0.00	5.89E-05	5.94E-05	5.99E-05	3.67E-06	2.16E-05	2.03E-04
605712	4121460	5.97E-05	6.03E-05	6.08E-05	2.30E-06	2.43E-05	2.07E-04	Residence	5.39E-08	0.05	0.00	5.97E-05	6.03E-05	6.08E-05	3.73E-06	2.24E-05	2.07E-04
605732	4121460	6.01E-05	6.07E-05	6.12E-05	2.34E-06	2.52E-05	2.10E-04	Residence	5.45E-08	0.05	0.00	6.01E-05	6.07E-05	6.12E-05	3.80E-06	2.32E-05	2.09E-04
605752	4121460	6.01E-05	6.06E-05	6.11E-05	2.39E-06	2.61E-05	2.10E-04	Residence	5.47E-08	0.05	0.00	6.01E-05	6.06E-05	6.11E-05	3.88E-06	2.40E-05	2.10E-04
605772	4121460	6.07E-05	6.12E-05	6.17E-05	2.44E-06	2.71E-05	2.13E-04	Residence	5.54E-08	0.06	0.00	6.07E-05	6.12E-05	6.17E-05	3.97E-06	2.49E-05	2.13E-04
605792	4121460	6.15E-05	6.20E-05	6.25E-05	2.50E-06	2.81E-05	2.17E-04	Residence	5.63E-08	0.06	0.00	6.15E-05	6.20E-05	6.25E-05	4.07E-06	2.59E-05	2.16E-04
605812	4121460	6.22E-05	6.27E-05	6.32E-05	2.58E-06	2.92E-05	2.20E-04	Residence	5.72E-08	0.06	0.00	6.22E-05	6.27E-05	6.32E-05	4.19E-06	2.69E-05	2.19E-04
605832	4121460	6.30E-05	6.36E-05	6.40E-05	2.67E-06	3.03E-05	2.24E-04	Residence	5.81E-08	0.06	0.00	6.30E-05	6.36E-05	6.40E-05	4.33E-06	2.79E-05	2.23E-04
605852	4121460	6.39E-05	6.44E-05	6.49E-05	2.77E-06	3.15E-05	2.27E-04	Residence	5.91E-08	0.06	0.00	6.39E-05	6.44E-05	6.49E-05	4.50E-06	2.90E-05	2.27E-04
605872	4121460	6.47E-05	6.52E-05	6.58E-05	2.88E-06	3.27E-05	2.31E-04	Residence	6.01E-08	0.06	0.00	6.47E-05	6.52E-05	6.58E-05	4.69E-06	3.01E-05	2.31E-04
605892	4121460	6.55E-05	6.61E-05	6.66E-05	3.02E-06	3.40E-05	2.35E-04	Residence	6.11E-08	0.06	0.00	6.55E-05	6.61E-05	6.66E-05	4.91E-06	3.13E-05	2.34E-04
605912	4121460	6.65E-05	6.70E-05	6.75E-05	3.17E-06	3.53E-05	2.39E-04	Residence	6.22E-08	0.06	0.00	6.65E-05	6.70E-05	6.75E-05	5.16E-06	3.25E-05	2.39E-04
605932	4121460	6.75E-05	6.80E-05	6.85E-05	3.35E-06	3.66E-05	2.44E-04	Residence	6.34E-08	0.06	0.00	6.75E-05	6.80E-05	6.85E-05	5.44E-06	3.37E-05	2.43E-04
605952	4121460	6.86E-05	6.91E-05	6.96E-05	3.54E-06	3.80E-05	2.49E-04	Residence	6.47E-08	0.06	0.00	6.86E-05	6.91E-05	6.96E-05	5.76E-06	3.50E-05	2.48E-04
605972	4121460	6.96E-05	7.02E-05	7.09E-05	3.76E-06	3.94E-05	2.54E-04	Residence	6.60E-08	0.07	0.00	6.96E-05	7.02E-05	7.09E-05	6.11E-06	3.63E-05	2.53E-04
605992	4121460	7.09E-05	7.14E-05	7.22E-05	4.00E-06	4.09E-05	2.59E-04	Residence	6.74E-08	0.07	0.00	7.09E-05	7.14E-05	7.22E-05	6.49E-06	3.76E-05	2.59E-04
606012	4121460	7.19E-05	7.24E-05	7.31E-05	4.25E-06	4.24E-05	2.64E-04	Residence	6.86E-08	0.07	0.00	7.19E-05	7.24E-05	7.31E-05	6.91E-06	3.90E-05	2.63E-04
606032	4121460	7.30E-05	7.36E-05	7.43E-05	4.54E-06	4.39E-05	2.69E-04	Residence	7.00E-08	0.07	0.00	7.30E-05	7.36E-05	7.43E-05	7.37E-06	4.04E-05	2.69E-04
606052	4121460	7.46E-05	7.51E-05	7.58E-05	4.86E-06	4.54E-05	2.76E-04	Residence	7.17E-08	0.07	0.00	7.46E-05	7.51E-05	7.58E-05	7.89E-06	4.18E-05	2.75E-04
606072	4121460	7.70E-05	7.75E-05	7.82E-05	5.22E-06	4.70E-05	2.85E-04	Residence	7.41E-08	0.07	0.00	7.70E-05	7.75E-05	7.82E-05	8.48E-06	4.33E-05	2.84E-04
606092	4121460	7.96E-05	8.00E-05	8.06E-05	5.65E-06	4.87E-05	2.95E-04	Residence	7.66E-08	0.08	0.00	7.96E-05	8.00E-05	8.06E-05	9.18E-06	4.48E-05	2.94E-04
606112	4121460	8.17E-05	8.21E-05	8.26E-05	6.16E-06	5.05E-05	3.03E-04	Residence	7.88E-08	0.08	0.00	8.17E-05	8.21E-05	8.26E-05	1.00E-05	4.64E-05	3.03E-04
606132	4121460	8.44E-05	8.47E-05	8.52E-05	6.77E-06	5.23E-05	3.13E-04	Residence	8.14E-08	0.08	0.00	8.44E-05	8.47E-05	8.52E-05	1.10E-05	4.81E-05	3.13E-04
606152	4121460	8.72E-05	8.75E-05	8.80E-05	7.49E-06	5.43E-05	3.24E-04	Residence	8.43E-08	0.08	0.00	8.72E-05	8.75E-05	8.80E-05	1.22E-05	4.99E-05	3.25E-04
606172	4121460	9.03E-05	9.06E-05	9.12E-05	8.34E-06	5.64E-05	3.37E-04	Residence	8.75E-08	0.09	0.00	9.03E-05	9.06E-05	9.12E-05	1.36E-05	5.19E-05	3.37E-04

606192	4121460	9.41E-05	9.44E-05	9.50E-05	9.31E-06	5.86E-05	3.51E-04	Residence	9.13E-08	0.09	0.00	9.41E-05	9.44E-05	9.50E-05	1.51E-05	5.39E-05	3.52E-04
606212	4121460	9.89E-05	9.92E-05	9.99E-05	1.04E-05	6.10E-05	3.69E-04	Residence	9.60E-08	0.10	0.00	9.89E-05	9.92E-05	9.99E-05	1.69E-05	5.61E-05	3.71E-04
606232	4121460	1.05E-04	1.05E-04	1.06E-04	1.16E-05	6.35E-05	3.90E-04	Residence	1.01E-07	0.10	0.00	1.05E-04	1.05E-04	1.06E-04	1.88E-05	5.84E-05	3.92E-04
606252	4121460	1.11E-04	1.12E-04	1.13E-04	1.29E-05	6.62E-05	4.14E-04	Residence	1.08E-07	0.11	0.00	1.11E-04	1.12E-04	1.13E-04	2.09E-05	6.09E-05	4.17E-04
606272	4121460	1.19E-04	1.20E-04	1.21E-04	1.43E-05	6.91E-05	4.43E-04	Residence	1.15E-07	0.12	0.00	1.19E-04	1.20E-04	1.21E-04	2.32E-05	6.35E-05	4.46E-04
606292	4121460	1.29E-04	1.29E-04	1.31E-04	1.58E-05	7.21E-05	4.77E-04	Residence	1.24E-07	0.12	0.00	1.29E-04	1.29E-04	1.31E-04	2.57E-05	6.64E-05	4.81E-04
606312	4121460	1.40E-04	1.41E-04	1.42E-04	1.75E-05	7.55E-05	5.16E-04	Residence	1.34E-07	0.13	0.00	1.40E-04	1.41E-04	1.42E-04	2.84E-05	6.94E-05	5.21E-04
606332	4121460	1.52E-04	1.53E-04	1.56E-04	1.93E-05	7.91E-05	5.59E-04	Residence	1.45E-07	0.15	0.00	1.52E-04	1.53E-04	1.56E-04	3.13E-05	7.27E-05	5.65E-04
606352	4121460	1.67E-04	1.68E-04	1.71E-04	2.12E-05	8.29E-05	6.10E-04	Residence	1.59E-07	0.16	0.00	1.67E-04	1.68E-04	1.71E-04	3.45E-05	7.63E-05	6.17E-04
606372	4121460	1.83E-04	1.85E-04	1.88E-04	2.33E-05	8.69E-05	6.67E-04	Residence	1.73E-07	0.17	0.00	1.83E-04	1.85E-04	1.88E-04	3.79E-05	8.00E-05	6.75E-04
606392	4121460	2.02E-04	2.05E-04	2.09E-04	2.56E-05	9.11E-05	7.33E-04	Residence	1.91E-07	0.19	0.00	2.02E-04	2.05E-04	2.09E-04	4.16E-05	8.38E-05	7.42E-04
606412	4121460	2.24E-04	2.27E-04	2.32E-04	2.79E-05	9.52E-05	8.06E-04	Residence	2.10E-07	0.21	0.00	2.24E-04	2.27E-04	2.32E-04	4.53E-05	8.76E-05	8.16E-04
606432	4121460	2.49E-04	2.53E-04	2.59E-04	3.01E-05	9.91E-05	8.90E-04	Residence	2.31E-07	0.23	0.00	2.49E-04	2.53E-04	2.59E-04	4.90E-05	9.12E-05	9.01E-04
606452	4121460	2.78E-04	2.83E-04	2.90E-04	3.23E-05	1.03E-04	9.86E-04	Residence	2.56E-07	0.26	0.00	2.78E-04	2.83E-04	2.90E-04	5.24E-05	9.45E-05	9.98E-04
606472	4121460	3.04E-04	3.10E-04	3.18E-04	3.41E-05	1.06E-04	1.07E-03	Residence	2.79E-07	0.28	0.00	3.04E-04	3.10E-04	3.18E-04	5.54E-05	9.72E-05	1.08E-03
606492	4121460	3.35E-04	3.43E-04	3.52E-04	3.57E-05	1.08E-04	1.17E-03	Residence	3.05E-07	0.30	0.00	3.35E-04	3.43E-04	3.52E-04	5.80E-05	9.93E-05	1.19E-03
606512	4121460	3.70E-04	3.79E-04	3.90E-04	3.69E-05	1.10E-04	1.29E-03	Residence	3.34E-07	0.33	0.00	3.70E-04	3.79E-04	3.90E-04	6.00E-05	1.01E-04	1.30E-03
606532	4121460	4.07E-04	4.18E-04	4.30E-04	3.78E-05	1.11E-04	1.40E-03	Residence	3.65E-07	0.36	0.00	4.07E-04	4.18E-04	4.30E-04	6.14E-05	1.02E-04	1.42E-03
606552	4121460	4.45E-04	4.57E-04	4.70E-04	3.83E-05	1.11E-04	1.52E-03	Residence	3.96E-07	0.40	0.00	4.45E-04	4.57E-04	4.70E-04	6.23E-05	1.02E-04	1.54E-03
606572	4121460	4.82E-04	4.94E-04	5.08E-04	3.85E-05	1.11E-04	1.63E-03	Residence	4.24E-07	0.42	0.00	4.82E-04	4.94E-04	5.08E-04	6.26E-05	1.02E-04	1.65E-03
606592	4121460	5.14E-04	5.27E-04	5.42E-04	3.84E-05	1.10E-04	1.73E-03	Residence	4.50E-07	0.45	0.00	5.14E-04	5.27E-04	5.42E-04	6.25E-05	1.01E-04	1.75E-03
606612	4121460	5.43E-04	5.56E-04	5.71E-04	3.81E-05	1.09E-04	1.82E-03	Residence	4.72E-07	0.47	0.00	5.43E-04	5.56E-04	5.71E-04	6.20E-05	1.00E-04	1.83E-03
606632	4121460	5.67E-04	5.81E-04	5.95E-04	3.77E-05	1.07E-04	1.89E-03	Residence	4.91E-07	0.49	0.00	5.67E-04	5.81E-04	5.95E-04	6.12E-05	9.84E-05	1.90E-03
606652	4121460	5.89E-04	6.02E-04	6.16E-04	3.71E-05	1.05E-04	1.95E-03	Residence	5.07E-07	0.51	0.00	5.89E-04	6.02E-04	6.16E-04	6.03E-05	9.65E-05	1.96E-03
606672	4121460	6.06E-04	6.19E-04	6.33E-04	3.64E-05	1.03E-04	2.00E-03	Residence	5.19E-07	0.52	0.00	6.06E-04	6.19E-04	6.33E-04	5.92E-05	9.43E-05	2.01E-03
606692	4121460	6.20E-04	6.33E-04	6.46E-04	3.57E-05	1.00E-04	2.03E-03	Residence	5.29E-07	0.53	0.00	6.20E-04	6.33E-04	6.46E-04	5.80E-05	9.20E-05	2.05E-03
606712	4121460	6.31E-04	6.43E-04	6.56E-04	3.49E-05	9.74E-05	2.06E-03	Residence	5.36E-07	0.54	0.00	6.31E-04	6.43E-04	6.56E-04	5.67E-05	8.96E-05	2.08E-03
606732	4121460	6.38E-04	6.51E-04	6.63E-04	3.41E-05	9.47E-05	2.08E-03	Residence	5.41E-07	0.54	0.00	6.38E-04	6.51E-04	6.63E-04	5.54E-05	8.71E-05	2.09E-03
606752	4121460	6.43E-04	6.55E-04	6.66E-04	3.33E-05	9.19E-05	2.09E-03	Residence	5.43E-07	0.54	0.00	6.43E-04	6.55E-04	6.66E-04	5.40E-05	8.45E-05	2.10E-03
606772	4121460	6.45E-04	6.57E-04	6.67E-04	3.24E-05	8.90E-05	2.09E-03	Residence	5.43E-07	0.54	0.00	6.45E-04	6.57E-04	6.67E-04	5.27E-05	8.19E-05	2.10E-03
606792	4121460	6.45E-04	6.56E-04	6.65E-04	3.16E-05	8.62E-05	2.08E-03	Residence	5.42E-07	0.54	0.00	6.45E-04	6.56E-04	6.65E-04	5.13E-05	7.93E-05	2.10E-03
606992	4121460	5.52E-04	5.56E-04	5.59E-04	2.27E-05	5.94E-05	1.75E-03	Residence	4.55E-07	0.45	0.00	5.52E-04	5.56E-04	5.59E-04	3.69E-05	5.46E-05	1.76E-03
607012	4121460	5.39E-04	5.43E-04	5.45E-04	2.19E-05	5.71E-05	1.71E-03	Residence	4.43E-07	0.44	0.00	5.39E-04	5.43E-04	5.45E-04	3.55E-05	5.25E-05	1.72E-03
607032	4121460	5.26E-04	5.29E-04	5.31E-04	2.11E-05	5.49E-05	1.66E-03	Residence	4.32E-07	0.43	0.00	5.26E-04	5.29E-04	5.31E-04	3.42E-05	5.05E-05	1.67E-03
607052	4121460	5.15E-04	5.18E-04	5.19E-04	2.03E-05	5.28E-05	1.63E-03	Residence	4.23E-07	0.42	0.00	5.15E-04	5.18E-04	5.19E-04	3.30E-05	4.86E-05	1.63E-03
605632	4121480	5.94E-05	6.00E-05	6.06E-05	2.31E-06	2.18E-05	2.04E-04	Residence	5.30E-08	0.05	0.00	5.94E-05	6.00E-05	6.06E-05	3.76E-06	2.00E-05	2.04E-04
605652	4121480	5.91E-05	5.97E-05	6.03E-05	2.34E-06	2.25E-05	2.04E-04	Residence	5.30E-08	0.05	0.00	5.91E-05	5.97E-05	6.03E-05	3.80E-06	2.07E-05	2.04E-04
605672	4121480	5.97E-05	6.03E-05	6.08E-05	2.37E-06	2.34E-05	2.06E-04	Residence	5.37E-08	0.05	0.00	5.97E-05	6.03E-05	6.08E-05	3.85E-06	2.15E-05	2.06E-04
605692	4121480	6.08E-05	6.14E-05	6.20E-05	2.40E-06	2.43E-05	2.11E-04	Residence	5.48E-08	0.05	0.00	6.08E-05	6.14E-05	6.20E-05	3.91E-06	2.23E-05	2.10E-04
605712	4121480	6.16E-05	6.22E-05	6.28E-05	2.44E-06	2.52E-05	2.14E-04	Residence	5.57E-08	0.06	0.00	6.16E-05	6.22E-05	6.28E-05	3.97E-06	2.32E-05	2.14E-04
605732	4121480	6.17E-05	6.23E-05	6.29E-05	2.48E-06	2.62E-05	2.16E-04	Residence	5.60E-08	0.06	0.00	6.17E-05	6.23E-05	6.29E-05	4.04E-06	2.41E-05	2.15E-04
605752	4121480	6.17E-05	6.23E-05	6.28E-05	2.53E-06	2.72E-05	2.17E-04	Residence	5.63E-08	0.06	0.00	6.17E-05	6.23E-05	6.28E-05	4.11E-06	2.50E-05	2.16E-04
605772	4121480	6.27E-05	6.33E-05	6.38E-05	2.59E-06	2.82E-05	2.21E-04	Residence	5.74E-08	0.06	0.00	6.27E-05	6.33E-05	6.38E-05	4.20E-06	2.60E-05	2.20E-04
605792	4121480	6.34E-05	6.40E-05	6.45E-05	2.65E-06	2.93E-05	2.24E-04	Residence	5.82E-08	0.06	0.00	6.34E-05	6.40E-05	6.45E-05	4.30E-06	2.70E-05	2.23E-04
605812	4121480	6.40E-05	6.46E-05	6.52E-05	2.72E-06	3.05E-05	2.27E-04	Residence	5.90E-08	0.06	0.00	6.40E-05	6.46E-05	6.52E-05	4.42E-06	2.81E-05	2.26E-04
605832	4121480	6.47E-05	6.53E-05	6.58E-05	2.81E-06	3.17E-05	2.30E-04	Residence	5.98E-08	0.06	0.00	6.47E-05	6.53E-05	6.58E-05	4.56E-06	2.92E-05	2.29E-04
605852	4121480	6.54E-05	6.60E-05	6.65E-05	2.91E-06	3.30E-05	2.34E-04	Residence	6.08E-08	0.06	0.00	6.54E-05	6.60E-05	6.65E-05	4.73E-06	3.04E-05	2.33E-04
605872	4121480	6.63E-05	6.68E-05	6.74E-05	3.03E-06	3.44E-05	2.38E-04	Residence	6.18E-08	0.06	0.00	6.63E-05	6.68E-05	6.74E-05	4.92E-06	3.16E-05	2.37E-04
605892	4121480	6.72E-05	6.77E-05	6.82E-05	3.16E-06	3.57E-05	2.42E-04	Residence	6.29E-08	0.06	0.00	6.72E-05	6.77E-05	6.82E-05	5.14E-06	3.29E-05	2.41E-04
605912	4121480	6.82E-05	6.87E-05	6.92E-05	3.32E-06	3.72E-05	2.47E-04	Residence	6.41E-08	0.06	0.00	6.82E-05	6.87E-05	6.92E-05	5.40E-06	3.42E-05	2.46E-04
605932	4121480	6.92E-05	6.97E-05	7.03E-05	3.51E-06	3.87E-05	2.51E-04	Residence	6.53E-08	0.07	0.00	6.92E-05	6.97E-05	7.03E-05	5.70E-06	3.56E-05	2.50E-04
605952	4121480	7.03E-05	7.08E-05	7.14E-05	3.71E-06	4.02E-05	2.56E-04	Residence	6.66E-08	0.07	0.00	7.03E-05	7.08E-05	7.14E-05	6.03E-06	3.70E-05	2.55E-04
605972	4121480	7.15E-05	7.20E-05	7.26E-05	3.94E-06	4.18E-05	2.62E-04	Residence	6.80E-08	0.07	0.00	7.15E-05	7.20E-05	7.26E-05	6.41E-06	3.85E-05	2.61E-04
605992	4121480	7.28E-05	7.33E-05	7.39E-05	4.20E-06	4.34E-05	2.68E-04	Residence	6.96E-08	0.07	0.00	7.28E-05	7.33E-05	7.39E-05	6.82E-06	4.00E-05	2.67E-04
606012	4121480	7.43E-05	7.48E-05	7.53E-05	4.48E-06	4.51E-05	2.74E-04	Residence	7.12E-08	0.07	0.00	7.43E-05	7.48E-05	7.53E-05	7.28E-06	4.15E-05	2.73E-04
606032	4121480	7.59E-05	7.64E-05	7.69E-05	4.79E-06	4.68E-05	2.81E-04	Residence	7.30E-08	0.07	0.00	7.59E-05	7.64E-05	7.69E-05	7.78E-06	4.31E-05	2.80E-04
606052	4121480	7.72E-05	7.77E-05	7.83E-05	5.13E-06	4.86E-05	2.87E-04	Residence	7.46E-08	0.07	0.00	7.72E-05	7.77E-05	7.83E-05	8.34E-06	4.47E-05	2.86E-04
606072	4121480	7.82E-05	7.86E-05	7.91E-05	5.53E-06	5.04E-05	2.92E-04	Residence	7.58E-08	0.08	0.00	7.82E-05	7.86E-05	7.91E-05	8.98E-06	4.63E-05	2.91E-04
606092	4121480	8.02E-05	8.06E-05	8.11E-05	5.99E-06	5.22E-05	3.00E-04	Residence	7.80E-08	0.08	0.00	8.02E-05	8.06E-05	8.11E-05	9.74E-06	4.81E-05	3.00E-04
606112	4121480	8.26E-05	8.29E-05	8.34E-05	6.55E-06	5.42E-05	3.10E-04	Residence	8.05E-08	0.08	0.00	8.26E-05	8.29E-05	8.34E-05	1.06E-05	4.99E-05	3.10E-04
606132	4121480	8.47E-05	8.50E-05	8.55E-05	7.22E-06	5.63E-05	3.19E-04	Residence	8.28E-08	0.08	0.00	8.47E-05	8.50E-05	8.55E-05	1.17E-05	5.18E-05	3.19E-04
606152	4121480	8.76E-05	8.79E-05	8.84E-05	8.02E-06	5.85E-05	3.30E-04	Residence	8.59E-08	0.09	0.00	8.76E-05	8.79E-05	8.84E-05	1.30E-05	5.38E-05	3.31E-04
606172	4121480	9.09E-05	9.12E-05	9.18E-05	8.97E-06	6.09E-05	3.44E-04	Residence	8.93E-08	0.09	0.00	9.09E-05	9.12E-05	9.18E-05	1.46E-05	5.60E-05	3.44E-04
606192	4121480	9.49E-05	9.51E-05	9.58E-05	1.01E-05	6.34E-05	3.59E-04	Residence	9.34E-08	0.09	0.00	9.49E-05	9.51E-05	9.58E-05	1.63E-05	5.83E-05	3.60E-04
606212	4121480	1.00E-04	1.00E-04	1.01E-04	1.13E-05	6.61E-05	3.79E-04	Residence	9.84E-08	0.10	0.00	1.00E-04	1.00E-04	1.01E-04	1.83E-05	6.08E-05	3.80E-04
606232	4121480	1.06E-04	1.06E-04	1.07E-04	1.26E-05	6.90E-05	4.00E-04	Residence	1.04E-07	0.10	0.00	1.06E-04	1.06E-04	1.07E-04	2.06E-05	6.35E-05	4.03E-04
606252	4121480	1.13E-04	1.13E-04	1.14E-04	1.41E-05	7.21E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.13E-04	1.13E-04	1.14E-04	2.30E-05	6.63E-05	4.30E-04
606272	4121480	1.21E-04	1.22E-04	1.23E-04	1.57E-05	7.54E-05	4.57E-04	Residence	1.19E-07	0.12	0.00	1.21E-04	1.22E-04	1.23E-04	2.56E-05	6.94E-05	4.61E-04
606292	4121480	1.32E-04	1.32E-04	1.34E-04	1.75E-05	7.90E-05	4.94E-04	Residence	1.28E-07	0.13	0.00	1.32E-04	1.32E-04	1.34E-04	2.84E-05	7.27E-05	4.99E-04
606312	4121480	1.44E-04	1.45E-04	1.46E-04	1.94E-05	8.28E-05	5.37E-04	Residence	1.39E-07	0.14	0.00	1.44E-04	1.45E-04	1.46E-04	3.15E-05	7.62E-05	5.42E-04
606332	4121480	1.57E-04	1.59E-04	1.61E-04	2.15E-05	8.70E-05	5.86E-04	Residence	1.52E-07	0.15	0.00	1.57E-04	1.59E-04	1.61E-04	3.50E-05	8.01E-05	5.92E-04
606352	4121480	1.73E-04	1.75E-04	1.78E-04	2.38E-05	9.15E-05	6.42E-04	Residence	1.67E-07	0.17	0.00	1.73E-04	1.75E-04	1.78E-04	3.87E-05	8.42E-05	6.50E-04
606372	4121480	1.91E-04	1.94E-04	1.97E-04	2.62E-05	9.61E-05	7.05E-04	Residence	1.83E-07	0.18	0.00	1.91E-04	1.94E-04	1.97E-04	4.26E-05	8.84E-05	7.13E-04

606392	4121480	2.13E-04	2.16E-04	2.20E-04	2.88E-05	1.01E-04	7.78E-04	Residence	2.02E-07	0.20	0.00	2.13E-04	2.16E-04	2.20E-04	4.68E-05	9.27E-05	7.88E-04
606412	4121480	2.38E-04	2.42E-04	2.47E-04	3.14E-05	1.05E-04	8.64E-04	Residence	2.25E-07	0.22	0.00	2.38E-04	2.42E-04	2.47E-04	5.10E-05	9.69E-05	8.75E-04
606432	4121480	2.67E-04	2.72E-04	2.78E-04	3.39E-05	1.10E-04	9.60E-04	Residence	2.49E-07	0.25	0.00	2.67E-04	2.72E-04	2.78E-04	5.50E-05	1.01E-04	9.72E-04
606452	4121480	2.96E-04	3.02E-04	3.10E-04	3.61E-05	1.13E-04	1.06E-03	Residence	2.75E-07	0.27	0.00	2.96E-04	3.02E-04	3.10E-04	5.87E-05	1.04E-04	1.07E-03
606472	4121480	3.28E-04	3.35E-04	3.45E-04	3.80E-05	1.16E-04	1.16E-03	Residence	3.02E-07	0.30	0.00	3.28E-04	3.35E-04	3.45E-04	6.17E-05	1.07E-04	1.18E-03
606492	4121480	3.62E-04	3.71E-04	3.82E-04	3.95E-05	1.18E-04	1.27E-03	Residence	3.31E-07	0.33	0.00	3.62E-04	3.71E-04	3.82E-04	6.42E-05	1.09E-04	1.29E-03
606512	4121480	4.00E-04	4.10E-04	4.22E-04	4.06E-05	1.20E-04	1.39E-03	Residence	3.62E-07	0.36	0.00	4.00E-04	4.10E-04	4.22E-04	6.59E-05	1.10E-04	1.41E-03
606532	4121480	4.39E-04	4.51E-04	4.64E-04	4.13E-05	1.20E-04	1.52E-03	Residence	3.94E-07	0.39	0.00	4.39E-04	4.51E-04	4.64E-04	6.71E-05	1.11E-04	1.53E-03
606552	4121480	4.79E-04	4.92E-04	5.07E-04	4.16E-05	1.20E-04	1.64E-03	Residence	4.26E-07	0.43	0.00	4.79E-04	4.92E-04	5.07E-04	6.76E-05	1.10E-04	1.66E-03
606572	4121480	5.17E-04	5.31E-04	5.46E-04	4.16E-05	1.19E-04	1.75E-03	Residence	4.56E-07	0.46	0.00	5.17E-04	5.31E-04	5.46E-04	6.76E-05	1.10E-04	1.77E-03
606592	4121480	5.51E-04	5.66E-04	5.81E-04	4.13E-05	1.18E-04	1.86E-03	Residence	4.83E-07	0.48	0.00	5.51E-04	5.66E-04	5.81E-04	6.71E-05	1.08E-04	1.87E-03
606612	4121480	5.83E-04	5.98E-04	6.14E-04	4.08E-05	1.16E-04	1.95E-03	Residence	5.07E-07	0.51	0.00	5.83E-04	5.98E-04	6.14E-04	6.63E-05	1.07E-04	1.97E-03
606632	4121480	6.11E-04	6.26E-04	6.41E-04	4.02E-05	1.14E-04	2.03E-03	Residence	5.28E-07	0.53	0.00	6.11E-04	6.26E-04	6.41E-04	6.53E-05	1.05E-04	2.05E-03
606652	4121480	6.34E-04	6.48E-04	6.64E-04	3.94E-05	1.11E-04	2.10E-03	Residence	5.45E-07	0.54	0.00	6.34E-04	6.48E-04	6.64E-04	6.41E-05	1.02E-04	2.11E-03
606672	4121480	6.51E-04	6.66E-04	6.81E-04	3.86E-05	1.08E-04	2.14E-03	Residence	5.57E-07	0.56	0.00	6.51E-04	6.66E-04	6.81E-04	6.27E-05	9.96E-05	2.16E-03
606692	4121480	6.65E-04	6.79E-04	6.93E-04	3.77E-05	1.05E-04	2.18E-03	Residence	5.66E-07	0.57	0.00	6.65E-04	6.79E-04	6.93E-04	6.13E-05	9.68E-05	2.19E-03
606712	4121480	6.74E-04	6.87E-04	7.01E-04	3.68E-05	1.02E-04	2.20E-03	Residence	5.72E-07	0.57	0.00	6.74E-04	6.87E-04	7.01E-04	5.98E-05	9.40E-05	2.22E-03
606732	4121480	6.79E-04	6.92E-04	7.04E-04	3.59E-05	9.89E-05	2.21E-03	Residence	5.74E-07	0.57	0.00	6.79E-04	6.92E-04	7.04E-04	5.83E-05	9.10E-05	2.22E-03
606752	4121480	6.80E-04	6.93E-04	7.04E-04	3.49E-05	9.56E-05	2.21E-03	Residence	5.74E-07	0.57	0.00	6.80E-04	6.93E-04	7.04E-04	5.67E-05	8.80E-05	2.22E-03
606772	4121480	6.79E-04	6.91E-04	7.02E-04	3.39E-05	9.24E-05	2.20E-03	Residence	5.72E-07	0.57	0.00	6.79E-04	6.91E-04	7.02E-04	5.50E-05	8.50E-05	2.21E-03
606792	4121480	6.76E-04	6.87E-04	6.97E-04	3.29E-05	8.91E-05	2.18E-03	Residence	5.67E-07	0.57	0.00	6.76E-04	6.87E-04	6.97E-04	5.34E-05	8.20E-05	2.20E-03
606992	4121480	5.62E-04	5.66E-04	5.68E-04	2.29E-05	5.98E-05	1.78E-03	Residence	4.63E-07	0.46	0.00	5.62E-04	5.66E-04	5.68E-04	3.72E-05	5.50E-05	1.79E-03
607012	4121480	5.50E-04	5.53E-04	5.55E-04	2.20E-05	5.74E-05	1.74E-03	Residence	4.52E-07	0.45	0.00	5.50E-04	5.53E-04	5.55E-04	3.58E-05	5.28E-05	1.75E-03
607032	4121480	5.36E-04	5.39E-04	5.40E-04	2.12E-05	5.51E-05	1.69E-03	Residence	4.40E-07	0.44	0.00	5.36E-04	5.39E-04	5.40E-04	3.44E-05	5.07E-05	1.70E-03
607052	4121480	5.21E-04	5.23E-04	5.24E-04	2.03E-05	5.28E-05	1.64E-03	Residence	4.27E-07	0.43	0.00	5.21E-04	5.23E-04	5.24E-04	3.30E-05	4.86E-05	1.65E-03
605632	4121500	6.12E-05	6.18E-05	6.24E-05	2.47E-06	2.25E-05	2.10E-04	Residence	5.47E-08	0.05	0.00	6.12E-05	6.18E-05	6.24E-05	4.01E-06	2.07E-05	2.10E-04
605652	4121500	6.10E-05	6.16E-05	6.22E-05	2.50E-06	2.33E-05	2.10E-04	Residence	5.47E-08	0.05	0.00	6.10E-05	6.16E-05	6.22E-05	4.06E-06	2.14E-05	2.10E-04
605672	4121500	6.21E-05	6.27E-05	6.33E-05	2.53E-06	2.42E-05	2.15E-04	Residence	5.58E-08	0.06	0.00	6.21E-05	6.27E-05	6.33E-05	4.12E-06	2.23E-05	2.14E-04
605692	4121500	6.30E-05	6.37E-05	6.42E-05	2.57E-06	2.52E-05	2.19E-04	Residence	5.68E-08	0.06	0.00	6.30E-05	6.37E-05	6.42E-05	4.17E-06	2.32E-05	2.18E-04
605712	4121500	6.36E-05	6.42E-05	6.48E-05	2.61E-06	2.62E-05	2.21E-04	Residence	5.76E-08	0.06	0.00	6.36E-05	6.42E-05	6.48E-05	4.24E-06	2.41E-05	2.21E-04
605732	4121500	6.31E-05	6.38E-05	6.43E-05	2.65E-06	2.72E-05	2.21E-04	Residence	5.75E-08	0.06	0.00	6.31E-05	6.38E-05	6.43E-05	4.30E-06	2.50E-05	2.21E-04
605752	4121500	6.43E-05	6.50E-05	6.56E-05	2.70E-06	2.83E-05	2.26E-04	Residence	5.87E-08	0.06	0.00	6.43E-05	6.50E-05	6.56E-05	4.38E-06	2.60E-05	2.25E-04
605772	4121500	6.52E-05	6.59E-05	6.66E-05	2.75E-06	2.94E-05	2.30E-04	Residence	5.97E-08	0.06	0.00	6.52E-05	6.59E-05	6.66E-05	4.47E-06	2.71E-05	2.29E-04
605792	4121500	6.58E-05	6.65E-05	6.71E-05	2.81E-06	3.06E-05	2.33E-04	Residence	6.05E-08	0.06	0.00	6.58E-05	6.65E-05	6.71E-05	4.57E-06	2.82E-05	2.32E-04
605812	4121500	6.64E-05	6.71E-05	6.77E-05	2.88E-06	3.19E-05	2.36E-04	Residence	6.13E-08	0.06	0.00	6.64E-05	6.71E-05	6.77E-05	4.69E-06	2.94E-05	2.35E-04
605832	4121500	6.70E-05	6.77E-05	6.83E-05	2.97E-06	3.32E-05	2.39E-04	Residence	6.22E-08	0.06	0.00	6.70E-05	6.77E-05	6.83E-05	4.82E-06	3.06E-05	2.38E-04
605852	4121500	6.77E-05	6.83E-05	6.90E-05	3.07E-06	3.46E-05	2.43E-04	Residence	6.31E-08	0.06	0.00	6.77E-05	6.83E-05	6.90E-05	4.99E-06	3.19E-05	2.42E-04
605872	4121500	6.83E-05	6.91E-05	6.97E-05	3.19E-06	3.61E-05	2.46E-04	Residence	6.40E-08	0.06	0.00	6.83E-05	6.91E-05	6.97E-05	5.18E-06	3.32E-05	2.45E-04
605892	4121500	6.87E-05	6.94E-05	7.02E-05	3.32E-06	3.76E-05	2.49E-04	Residence	6.48E-08	0.06	0.00	6.87E-05	6.94E-05	7.02E-05	5.40E-06	3.46E-05	2.48E-04
605912	4121500	6.95E-05	7.02E-05	7.10E-05	3.49E-06	3.92E-05	2.53E-04	Residence	6.59E-08	0.07	0.00	6.95E-05	7.02E-05	7.10E-05	5.67E-06	3.61E-05	2.52E-04
605932	4121500	7.01E-05	7.08E-05	7.16E-05	3.68E-06	4.09E-05	2.57E-04	Residence	6.68E-08	0.07	0.00	7.01E-05	7.08E-05	7.16E-05	5.97E-06	3.76E-05	2.56E-04
605952	4121500	7.13E-05	7.20E-05	7.28E-05	3.89E-06	4.26E-05	2.63E-04	Residence	6.82E-08	0.07	0.00	7.13E-05	7.20E-05	7.28E-05	6.32E-06	3.92E-05	2.62E-04
605972	4121500	7.21E-05	7.27E-05	7.35E-05	4.14E-06	4.44E-05	2.67E-04	Residence	6.93E-08	0.07	0.00	7.21E-05	7.27E-05	7.35E-05	6.72E-06	4.08E-05	2.66E-04
605992	4121500	7.34E-05	7.40E-05	7.48E-05	4.41E-06	4.62E-05	2.73E-04	Residence	7.09E-08	0.07	0.00	7.34E-05	7.40E-05	7.48E-05	7.17E-06	4.25E-05	2.72E-04
606012	4121500	7.59E-05	7.64E-05	7.68E-05	4.72E-06	4.81E-05	2.82E-04	Residence	7.33E-08	0.07	0.00	7.59E-05	7.64E-05	7.68E-05	7.67E-06	4.43E-05	2.81E-04
606032	4121500	7.72E-05	7.76E-05	7.81E-05	5.06E-06	5.00E-05	2.88E-04	Residence	7.48E-08	0.07	0.00	7.72E-05	7.76E-05	7.81E-05	8.22E-06	4.60E-05	2.87E-04
606052	4121500	7.65E-05	7.70E-05	7.76E-05	5.43E-06	5.20E-05	2.89E-04	Residence	7.50E-08	0.08	0.00	7.65E-05	7.70E-05	7.76E-05	8.82E-06	4.78E-05	2.88E-04
606072	4121500	7.78E-05	7.82E-05	7.87E-05	5.86E-06	5.40E-05	2.95E-04	Residence	7.66E-08	0.08	0.00	7.78E-05	7.82E-05	7.87E-05	9.52E-06	4.97E-05	2.94E-04
606092	4121500	8.07E-05	8.10E-05	8.15E-05	6.37E-06	5.62E-05	3.06E-04	Residence	7.95E-08	0.08	0.00	8.07E-05	8.10E-05	8.15E-05	1.04E-05	5.17E-05	3.05E-04
606112	4121500	8.34E-05	8.37E-05	8.42E-05	6.99E-06	5.84E-05	3.17E-04	Residence	8.23E-08	0.08	0.00	8.34E-05	8.37E-05	8.42E-05	1.14E-05	5.37E-05	3.16E-04
606132	4121500	8.51E-05	8.54E-05	8.59E-05	7.72E-06	6.07E-05	3.25E-04	Residence	8.45E-08	0.08	0.00	8.51E-05	8.54E-05	8.59E-05	1.26E-05	5.59E-05	3.25E-04
606152	4121500	8.72E-05	8.75E-05	8.81E-05	8.61E-06	6.32E-05	3.35E-04	Residence	8.70E-08	0.09	0.00	8.72E-05	8.75E-05	8.81E-05	1.40E-05	5.82E-05	3.35E-04
606172	4121500	9.10E-05	9.13E-05	9.19E-05	9.68E-06	6.59E-05	3.50E-04	Residence	9.09E-08	0.09	0.00	9.10E-05	9.13E-05	9.19E-05	1.57E-05	6.06E-05	3.51E-04
606192	4121500	9.49E-05	9.51E-05	9.58E-05	1.09E-05	6.88E-05	3.65E-04	Residence	9.50E-08	0.09	0.00	9.49E-05	9.51E-05	9.58E-05	1.77E-05	6.33E-05	3.67E-04
606212	4121500	9.98E-05	1.00E-04	1.01E-04	1.23E-05	7.19E-05	3.85E-04	Residence	1.00E-07	0.10	0.00	9.98E-05	1.00E-04	1.01E-04	2.00E-05	6.61E-05	3.87E-04
606232	4121500	1.06E-04	1.06E-04	1.07E-04	1.39E-05	7.52E-05	4.08E-04	Residence	1.06E-07	0.11	0.00	1.06E-04	1.06E-04	1.07E-04	2.25E-05	6.92E-05	4.11E-04
606252	4121500	1.13E-04	1.13E-04	1.14E-04	1.56E-05	7.88E-05	4.35E-04	Residence	1.13E-07	0.11	0.00	1.13E-04	1.13E-04	1.14E-04	2.53E-05	7.25E-05	4.38E-04
606272	4121500	1.22E-04	1.22E-04	1.23E-04	1.74E-05	8.26E-05	4.67E-04	Residence	1.21E-07	0.12	0.00	1.22E-04	1.22E-04	1.23E-04	2.83E-05	7.60E-05	4.72E-04
606292	4121500	1.33E-04	1.33E-04	1.35E-04	1.95E-05	8.68E-05	5.07E-04	Residence	1.32E-07	0.13	0.00	1.33E-04	1.33E-04	1.35E-04	3.16E-05	7.98E-05	5.12E-04
606312	4121500	1.45E-04	1.46E-04	1.48E-04	2.17E-05	9.13E-05	5.53E-04	Residence	1.44E-07	0.14	0.00	1.45E-04	1.46E-04	1.48E-04	3.52E-05	8.40E-05	5.59E-04
606332	4121500	1.61E-04	1.62E-04	1.64E-04	2.41E-05	9.62E-05	6.07E-04	Residence	1.58E-07	0.16	0.00	1.61E-04	1.62E-04	1.64E-04	3.92E-05	8.85E-05	6.15E-04
606352	4121500	1.78E-04	1.80E-04	1.83E-04	2.68E-05	1.01E-04	6.70E-04	Residence	1.74E-07	0.17	0.00	1.78E-04	1.80E-04	1.83E-04	4.36E-05	9.32E-05	6.78E-04
606372	4121500	1.98E-04	2.01E-04	2.05E-04	2.96E-05	1.07E-04	7.40E-04	Residence	1.92E-07	0.19	0.00	1.98E-04	2.01E-04	2.05E-04	4.82E-05	9.81E-05	7.50E-04
606392	4121500	2.22E-04	2.25E-04	2.30E-04	3.26E-05	1.12E-04	8.21E-04	Residence	2.13E-07	0.21	0.00	2.22E-04	2.25E-04	2.30E-04	5.29E-05	1.03E-04	8.33E-04
606432	4121500	2.83E-04	2.89E-04	2.96E-04	3.81E-05	1.22E-04	1.03E-03	Residence	2.67E-07	0.27	0.00	2.83E-04	2.89E-04	2.96E-04	6.20E-05	1.12E-04	1.04E-03
606452	4121500	3.19E-04	3.26E-04	3.35E-04	4.05E-05	1.25E-04	1.15E-03	Residence	2.98E-07	0.30	0.00	3.19E-04	3.26E-04	3.35E-04	6.58E-05	1.15E-04	1.16E-03
606472	4121500	3.57E-04	3.66E-04	3.77E-04	4.24E-05	1.28E-04	1.27E-03	Residence	3.30E-07	0.33	0.00	3.57E-04	3.66E-04	3.77E-04	6.89E-05	1.18E-04	1.29E-03
606492	4121500	3.96E-04	4.06E-04	4.18E-04	4.38E-05	1.30E-04	1.39E-03	Residence	3.62E-07	0.36	0.00	3.96E-04	4.06E-04	4.18E-04	7.11E-05	1.20E-04	1.41E-03
606512	4121500	4.37E-04	4.49E-04	4.63E-04	4.47E-05	1.31E-04	1.52E-03	Residence	3.96E-07	0.40	0.00	4.37E-04	4.49E-04	4.63E-04	7.26E-05	1.20E-04	1.54E-03
606532	4121500	4.78E-04	4.91E-04	5.07E-04	4.51E-05	1.31E-04	1.65E-03	Residence	4.29E-07	0.43	0.00	4.78E-04	4.91E-04	5.07E-04	7.33E-05	1.20E-04	1.67E-03
606552	4121500	5.20E-04	5.34E-04	5.51E-04	4.51E-05	1.30E-04	1.78E-03	Residence	4.63E-07	0.46	0.00	5.20E-04	5.34E-04	5.51E-04	7.34E-05	1.19E-04	1.80E-03
606572	4121500	5.60E-04	5.75E-04	5.92E-04	4.49E-05	1.28E-04	1.90E-03	Residence	4.94E-07	0.49	0.00	5.60E-04	5.75E-04	5.92E-04	7.29E-05	1.18E-04	1.92E-03
606592	4121500	5.96E-04	6.12E-04	6.29E-04	4.44E-05	1.26E-04	2.01E-03	Residence	5.22E-07	0.52	0.00	5.96E-04	6.12E-04	6.29E-04	7.21E-05	1.16E-04	2.02E-03

606612	4121500	6.27E-04	6.43E-04	6.60E-04	4.37E-05	1.24E-04	2.10E-03	Residence	5.45E-07	0.55	0.00	6.27E-04	6.43E-04	6.60E-04	7.09E-05	1.14E-04	2.11E-03
606632	4121500	6.53E-04	6.70E-04	6.86E-04	4.28E-05	1.21E-04	2.17E-03	Residence	5.65E-07	0.56	0.00	6.53E-04	6.70E-04	6.86E-04	6.96E-05	1.11E-04	2.19E-03
606652	4121500	6.75E-04	6.91E-04	7.07E-04	4.19E-05	1.17E-04	2.23E-03	Residence	5.80E-07	0.58	0.00	6.75E-04	6.91E-04	7.07E-04	6.80E-05	1.08E-04	2.25E-03
606672	4121500	6.92E-04	7.07E-04	7.22E-04	4.09E-05	1.14E-04	2.28E-03	Residence	5.92E-07	0.59	0.00	6.92E-04	7.07E-04	7.22E-04	6.64E-05	1.05E-04	2.29E-03
606692	4121500	7.02E-04	7.17E-04	7.32E-04	3.98E-05	1.10E-04	2.30E-03	Residence	5.98E-07	0.60	0.00	7.02E-04	7.17E-04	7.32E-04	6.47E-05	1.02E-04	2.32E-03
606712	4121500	7.10E-04	7.24E-04	7.38E-04	3.87E-05	1.07E-04	2.32E-03	Residence	6.02E-07	0.60	0.00	7.10E-04	7.24E-04	7.38E-04	6.29E-05	9.81E-05	2.33E-03
606732	4121500	7.13E-04	7.27E-04	7.40E-04	3.76E-05	1.03E-04	2.32E-03	Residence	6.03E-07	0.60	0.00	7.13E-04	7.27E-04	7.40E-04	6.11E-05	9.47E-05	2.34E-03
606752	4121500	7.13E-04	7.26E-04	7.38E-04	3.64E-05	9.92E-05	2.31E-03	Residence	6.01E-07	0.60	0.00	7.13E-04	7.26E-04	7.38E-04	5.92E-05	9.12E-05	2.33E-03
606772	4121500	7.10E-04	7.22E-04	7.33E-04	3.53E-05	9.54E-05	2.30E-03	Residence	5.97E-07	0.60	0.00	7.10E-04	7.22E-04	7.33E-04	5.73E-05	8.78E-05	2.31E-03
606792	4121500	7.06E-04	7.17E-04	7.27E-04	3.41E-05	9.18E-05	2.28E-03	Residence	5.92E-07	0.59	0.00	7.06E-04	7.17E-04	7.27E-04	5.55E-05	8.44E-05	2.29E-03
606992	4121500	5.71E-04	5.74E-04	5.76E-04	2.30E-05	5.99E-05	1.80E-03	Residence	4.69E-07	0.47	0.00	5.71E-04	5.74E-04	5.76E-04	3.74E-05	5.51E-05	1.81E-03
607012	4121500	5.55E-04	5.58E-04	5.59E-04	2.21E-05	5.74E-05	1.75E-03	Residence	4.55E-07	0.46	0.00	5.55E-04	5.58E-04	5.59E-04	3.58E-05	5.28E-05	1.76E-03
607032	4121500	5.39E-04	5.41E-04	5.42E-04	2.11E-05	5.50E-05	1.70E-03	Residence	4.41E-07	0.44	0.00	5.39E-04	5.41E-04	5.42E-04	3.43E-05	5.06E-05	1.71E-03
607052	4121500	5.25E-04	5.26E-04	5.26E-04	2.03E-05	5.27E-05	1.65E-03	Residence	4.29E-07	0.43	0.00	5.25E-04	5.26E-04	5.26E-04	3.29E-05	4.85E-05	1.66E-03
605632	4121520	6.27E-05	6.34E-05	6.39E-05	2.65E-06	2.32E-05	2.16E-04	Residence	5.61E-08	0.06	0.00	6.27E-05	6.34E-05	6.39E-05	4.30E-06	2.13E-05	2.16E-04
605652	4121520	6.32E-05	6.39E-05	6.45E-05	2.68E-06	2.41E-05	2.18E-04	Residence	5.68E-08	0.06	0.00	6.32E-05	6.39E-05	6.45E-05	4.36E-06	2.22E-05	2.18E-04
605672	4121520	6.43E-05	6.50E-05	6.56E-05	2.72E-06	2.51E-05	2.23E-04	Residence	5.79E-08	0.06	0.00	6.43E-05	6.50E-05	6.56E-05	4.41E-06	2.30E-05	2.22E-04
605692	4121520	6.52E-05	6.59E-05	6.65E-05	2.75E-06	2.61E-05	2.26E-04	Residence	5.88E-08	0.06	0.00	6.52E-05	6.59E-05	6.65E-05	4.47E-06	2.40E-05	2.26E-04
605712	4121520	6.54E-05	6.61E-05	6.67E-05	2.79E-06	2.71E-05	2.28E-04	Residence	5.93E-08	0.06	0.00	6.54E-05	6.61E-05	6.67E-05	4.54E-06	2.50E-05	2.28E-04
605732	4121520	6.50E-05	6.57E-05	6.63E-05	2.83E-06	2.82E-05	2.28E-04	Residence	5.92E-08	0.06	0.00	6.50E-05	6.57E-05	6.63E-05	4.61E-06	2.59E-05	2.27E-04
605752	4121520	6.67E-05	6.74E-05	6.80E-05	2.89E-06	2.94E-05	2.34E-04	Residence	6.09E-08	0.06	0.00	6.67E-05	6.74E-05	6.80E-05	4.69E-06	2.71E-05	2.34E-04
605772	4121520	6.74E-05	6.81E-05	6.89E-05	2.94E-06	3.07E-05	2.38E-04	Residence	6.19E-08	0.06	0.00	6.74E-05	6.81E-05	6.89E-05	4.78E-06	2.82E-05	2.37E-04
605792	4121520	6.80E-05	6.87E-05	6.94E-05	3.00E-06	3.20E-05	2.41E-04	Residence	6.27E-08	0.06	0.00	6.80E-05	6.87E-05	6.94E-05	4.88E-06	2.94E-05	2.40E-04
605812	4121520	6.85E-05	6.93E-05	7.00E-05	3.07E-06	3.34E-05	2.44E-04	Residence	6.35E-08	0.06	0.00	6.85E-05	6.93E-05	7.00E-05	4.99E-06	3.07E-05	2.44E-04
605832	4121520	6.92E-05	6.99E-05	7.06E-05	3.16E-06	3.48E-05	2.48E-04	Residence	6.44E-08	0.06	0.00	6.92E-05	6.99E-05	7.06E-05	5.13E-06	3.20E-05	2.47E-04
605852	4121520	6.98E-05	7.05E-05	7.12E-05	3.25E-06	3.64E-05	2.51E-04	Residence	6.53E-08	0.07	0.00	6.98E-05	7.05E-05	7.12E-05	5.29E-06	3.35E-05	2.50E-04
605872	4121520	7.05E-05	7.12E-05	7.19E-05	3.37E-06	3.80E-05	2.55E-04	Residence	6.63E-08	0.07	0.00	7.05E-05	7.12E-05	7.19E-05	5.48E-06	3.49E-05	2.54E-04
605892	4121520	7.11E-05	7.19E-05	7.26E-05	3.51E-06	3.97E-05	2.59E-04	Residence	6.73E-08	0.07	0.00	7.11E-05	7.19E-05	7.26E-05	5.71E-06	3.65E-05	2.58E-04
605912	4121520	7.20E-05	7.27E-05	7.34E-05	3.68E-06	4.14E-05	2.63E-04	Residence	6.84E-08	0.07	0.00	7.20E-05	7.27E-05	7.34E-05	5.97E-06	3.81E-05	2.62E-04
605932	4121520	7.27E-05	7.34E-05	7.43E-05	3.87E-06	4.33E-05	2.68E-04	Residence	6.96E-08	0.07	0.00	7.27E-05	7.34E-05	7.43E-05	6.29E-06	3.98E-05	2.67E-04
605952	4121520	7.32E-05	7.40E-05	7.48E-05	4.10E-06	4.52E-05	2.71E-04	Residence	7.05E-08	0.07	0.00	7.32E-05	7.40E-05	7.48E-05	6.66E-06	4.16E-05	2.70E-04
605972	4121520	7.40E-05	7.47E-05	7.55E-05	4.35E-06	4.72E-05	2.76E-04	Residence	7.17E-08	0.07	0.00	7.40E-05	7.47E-05	7.55E-05	7.08E-06	4.34E-05	2.75E-04
605992	4121520	7.52E-05	7.58E-05	7.65E-05	4.65E-06	4.93E-05	2.81E-04	Residence	7.31E-08	0.07	0.00	7.52E-05	7.58E-05	7.65E-05	7.55E-06	4.53E-05	2.80E-04
606012	4121520	7.73E-05	7.78E-05	7.82E-05	4.98E-06	5.15E-05	2.90E-04	Residence	7.53E-08	0.08	0.00	7.73E-05	7.78E-05	7.82E-05	8.10E-06	4.73E-05	2.89E-04
606032	4121520	7.85E-05	7.89E-05	7.92E-05	5.35E-06	5.37E-05	2.96E-04	Residence	7.68E-08	0.08	0.00	7.85E-05	7.89E-05	7.92E-05	8.70E-06	4.94E-05	2.95E-04
606052	4121520	7.81E-05	7.85E-05	7.90E-05	5.76E-06	5.58E-05	2.97E-04	Residence	7.73E-08	0.08	0.00	7.81E-05	7.85E-05	7.90E-05	9.36E-06	5.14E-05	2.96E-04
606072	4121520	7.89E-05	7.93E-05	7.98E-05	6.23E-06	5.81E-05	3.02E-04	Residence	7.86E-08	0.08	0.00	7.89E-05	7.93E-05	7.98E-05	1.01E-05	5.35E-05	3.02E-04
606092	4121520	8.15E-05	8.19E-05	8.24E-05	6.79E-06	6.06E-05	3.13E-04	Residence	8.14E-08	0.08	0.00	8.15E-05	8.19E-05	8.24E-05	1.10E-05	5.58E-05	3.13E-04
606112	4121520	8.43E-05	8.46E-05	8.51E-05	7.47E-06	6.32E-05	3.25E-04	Residence	8.44E-08	0.08	0.00	8.43E-05	8.46E-05	8.51E-05	1.21E-05	5.81E-05	3.24E-04
606132	4121520	8.71E-05	8.74E-05	8.80E-05	8.29E-06	6.59E-05	3.37E-04	Residence	8.75E-08	0.09	0.00	8.71E-05	8.74E-05	8.80E-05	1.35E-05	6.06E-05	3.37E-04
606152	4121520	9.00E-05	9.03E-05	9.08E-05	9.29E-06	6.87E-05	3.49E-04	Residence	9.08E-08	0.09	0.00	9.00E-05	9.03E-05	9.08E-05	1.51E-05	6.32E-05	3.49E-04
606172	4121520	9.35E-05	9.38E-05	9.44E-05	1.05E-05	7.18E-05	3.64E-04	Residence	9.46E-08	0.09	0.00	9.35E-05	9.38E-05	9.44E-05	1.71E-05	6.61E-05	3.65E-04
606192	4121520	9.72E-05	9.75E-05	9.82E-05	1.19E-05	7.51E-05	3.80E-04	Residence	9.88E-08	0.10	0.00	9.72E-05	9.75E-05	9.82E-05	1.93E-05	6.91E-05	3.81E-04
606212	4121520	1.02E-04	1.03E-04	1.04E-04	1.35E-05	7.87E-05	4.01E-04	Residence	1.04E-07	0.10	0.00	1.02E-04	1.03E-04	1.04E-04	2.19E-05	7.24E-05	4.03E-04
606232	4121520	1.08E-04	1.09E-04	1.10E-04	1.53E-05	8.25E-05	4.25E-04	Residence	1.10E-07	0.11	0.00	1.08E-04	1.09E-04	1.10E-04	2.49E-05	7.59E-05	4.28E-04
606252	4121520	1.16E-04	1.17E-04	1.18E-04	1.73E-05	8.67E-05	4.55E-04	Residence	1.18E-07	0.12	0.00	1.16E-04	1.17E-04	1.18E-04	2.81E-05	7.98E-05	4.59E-04
606272	4121520	1.24E-04	1.25E-04	1.26E-04	1.94E-05	9.11E-05	4.86E-04	Residence	1.26E-07	0.13	0.00	1.24E-04	1.25E-04	1.26E-04	3.16E-05	8.38E-05	4.90E-04
606292	4121520	1.36E-04	1.36E-04	1.38E-04	2.18E-05	9.60E-05	5.28E-04	Residence	1.37E-07	0.14	0.00	1.36E-04	1.36E-04	1.38E-04	3.55E-05	8.83E-05	5.34E-04
606312	4121520	1.50E-04	1.51E-04	1.53E-04	2.45E-05	1.01E-04	5.81E-04	Residence	1.51E-07	0.15	0.00	1.50E-04	1.51E-04	1.53E-04	3.98E-05	9.33E-05	5.88E-04
606332	4121520	1.67E-04	1.69E-04	1.71E-04	2.74E-05	1.07E-04	6.41E-04	Residence	1.67E-07	0.17	0.00	1.67E-04	1.69E-04	1.71E-04	4.45E-05	9.86E-05	6.50E-04
606352	4121520	1.87E-04	1.89E-04	1.92E-04	3.05E-05	1.13E-04	7.12E-04	Residence	1.85E-07	0.19	0.00	1.87E-04	1.89E-04	1.92E-04	4.95E-05	1.04E-04	7.22E-04
606372	4121520	2.10E-04	2.13E-04	2.17E-04	3.38E-05	1.19E-04	7.93E-04	Residence	2.06E-07	0.21	0.00	2.10E-04	2.13E-04	2.17E-04	5.49E-05	1.10E-04	8.04E-04
606432	4121520	3.01E-04	3.07E-04	3.15E-04	4.31E-05	1.35E-04	1.10E-03	Residence	2.86E-07	0.29	0.00	3.01E-04	3.07E-04	3.15E-04	7.00E-05	1.24E-04	1.12E-03
606452	4121520	3.39E-04	3.47E-04	3.57E-04	4.54E-05	1.39E-04	1.23E-03	Residence	3.19E-07	0.32	0.00	3.39E-04	3.47E-04	3.57E-04	7.38E-05	1.28E-04	1.25E-03
606472	4121520	3.84E-04	3.93E-04	4.05E-04	4.73E-05	1.41E-04	1.37E-03	Residence	3.56E-07	0.36	0.00	3.84E-04	3.93E-04	4.05E-04	7.68E-05	1.30E-04	1.39E-03
606492	4121520	4.32E-04	4.44E-04	4.58E-04	4.85E-05	1.43E-04	1.52E-03	Residence	3.96E-07	0.40	0.00	4.32E-04	4.44E-04	4.58E-04	7.88E-05	1.31E-04	1.54E-03
606512	4121520	4.81E-04	4.94E-04	5.10E-04	4.92E-05	1.43E-04	1.68E-03	Residence	4.36E-07	0.44	0.00	4.81E-04	4.94E-04	5.10E-04	7.99E-05	1.32E-04	1.70E-03
606532	4121520	5.28E-04	5.43E-04	5.60E-04	4.93E-05	1.42E-04	1.82E-03	Residence	4.74E-07	0.47	0.00	5.28E-04	5.43E-04	5.60E-04	8.01E-05	1.31E-04	1.84E-03
606552	4121520	5.71E-04	5.88E-04	6.06E-04	4.91E-05	1.40E-04	1.95E-03	Residence	5.08E-07	0.51	0.00	5.71E-04	5.88E-04	6.06E-04	7.97E-05	1.29E-04	1.97E-03
606572	4121520	6.12E-04	6.29E-04	6.47E-04	4.85E-05	1.38E-04	2.07E-03	Residence	5.39E-07	0.54	0.00	6.12E-04	6.29E-04	6.47E-04	7.88E-05	1.27E-04	2.09E-03
606592	4121520	6.48E-04	6.66E-04	6.85E-04	4.77E-05	1.35E-04	2.18E-03	Residence	5.67E-07	0.57	0.00	6.48E-04	6.66E-04	6.85E-04	7.75E-05	1.24E-04	2.20E-03
606612	4121520	6.79E-04	6.97E-04	7.16E-04	4.67E-05	1.32E-04	2.27E-03	Residence	5.90E-07	0.59	0.00	6.79E-04	6.97E-04	7.16E-04	7.59E-05	1.21E-04	2.29E-03
606632	4121520	7.04E-04	7.21E-04	7.39E-04	4.56E-05	1.28E-04	2.34E-03	Residence	6.08E-07	0.61	0.00	7.04E-04	7.21E-04	7.39E-04	7.41E-05	1.18E-04	2.36E-03
606652	4121520	7.24E-04	7.42E-04	7.59E-04	4.45E-05	1.24E-04	2.39E-03	Residence	6.22E-07	0.62	0.00	7.24E-04	7.42E-04	7.59E-04	7.23E-05	1.14E-04	2.41E-03
606672	4121520	7.37E-04	7.54E-04	7.70E-04	4.32E-05	1.20E-04	2.42E-03	Residence	6.30E-07	0.63	0.00	7.37E-04	7.54E-04	7.70E-04	7.03E-05	1.10E-04	2.44E-03
606692	4121520	7.46E-04	7.62E-04	7.78E-04	4.20E-05	1.15E-04	2.44E-03	Residence	6.35E-07	0.64	0.00	7.46E-04	7.62E-04	7.78E-04	6.82E-05	1.06E-04	2.46E-03
606712	4121520	7.52E-04	7.67E-04	7.81E-04	4.07E-05	1.11E-04	2.45E-03	Residence	6.37E-07	0.64	0.00	7.52E-04	7.67E-04	7.81E-04	6.61E-05	1.02E-04	2.47E-03
606732	4121520	7.52E-04	7.67E-04	7.80E-04	3.93E-05	1.07E-04	2.44E-03	Residence	6.35E-07	0.64	0.00	7.52E-04	7.67E-04	7.80E-04	6.39E-05	9.83E-05	2.46E-03
606752	4121520	7.50E-04	7.63E-04	7.75E-04	3.80E-05	1.03E-04	2.43E-03	Residence	6.31E-07	0.63	0.00	7.50E-04	7.63E-04	7.75E-04	6.17E-05	9.43E-05	2.44E-03
606772	4121520	7.45E-04	7.57E-04	7.68E-04	3.67E-05	9.83E-05	2.41E-03	Residence	6.25E-07	0.63	0.00	7.45E-04	7.57E-04	7.68E-04	5.96E-05	9.04E-05	2.42E-03
606792	4121520	7.38E-04	7.49E-04	7.59E-04	3.53E-05	9.42E-05	2.38E-03	Residence	6.17E-07	0.62	0.00	7.38E-04	7.49E-04	7.59E-04	5.74E-05	8.66E-05	2.39E-03
606852	4121520	7.00E-04	7.08E-04	7.15E-04	3.13E-05	8.24E-05	2.24E-03	Santa Teresa Elementary School	5.81E-07	0.58	0.00	7.00E-04	7.08E-04	7.15E-04	5.09E-05	7.58E-05	2.25E-03
606872	4121520	6.86E-04	6.93E-04	6.98E-04	3.00E-05	7.87E-05	2.19E-03	Santa Teresa Elementary School	5.68E-07	0.57	0.00	6.86E-04	6.93E-04	6.98E-04	4.88E-05	7.24E-05	2.20E-03

606892	4121520	6.72E-04	6.78E-04	6.83E-04	2.88E-05	7.53E-05	2.14E-03	Santa Teresa Elementary School	5.56E-07	0.56	0.00	6.72E-04	6.78E-04	6.83E-04	4.68E-05	6.93E-05	2.15E-03
606912	4121520	6.54E-04	6.60E-04	6.63E-04	2.75E-05	7.19E-05	2.08E-03	Santa Teresa Elementary School	5.40E-07	0.54	0.00	6.54E-04	6.60E-04	6.63E-04	4.47E-05	6.61E-05	2.09E-03
606932	4121520	6.36E-04	6.41E-04	6.43E-04	2.63E-05	6.87E-05	2.02E-03	Santa Teresa Elementary School	5.24E-07	0.52	0.00	6.36E-04	6.41E-04	6.43E-04	4.28E-05	6.32E-05	2.03E-03
606992	4121520	5.77E-04	5.79E-04	5.80E-04	2.30E-05	5.98E-05	1.82E-03	Residence	4.73E-07	0.47	0.00	5.77E-04	5.79E-04	5.80E-04	3.74E-05	5.50E-05	1.83E-03
607012	4121520	5.59E-04	5.60E-04	5.60E-04	2.20E-05	5.72E-05	1.76E-03	Residence	4.57E-07	0.46	0.00	5.59E-04	5.60E-04	5.60E-04	3.57E-05	5.26E-05	1.77E-03
607032	4121520	5.41E-04	5.42E-04	5.41E-04	2.10E-05	5.47E-05	1.70E-03	Residence	4.42E-07	0.44	0.00	5.41E-04	5.42E-04	5.41E-04	3.41E-05	5.03E-05	1.71E-03
607052	4121520	5.26E-04	5.26E-04	5.26E-04	2.01E-05	5.23E-05	1.65E-03	Residence	4.29E-07	0.43	0.00	5.26E-04	5.26E-04	5.26E-04	3.27E-05	4.82E-05	1.66E-03
605632	4121540	6.46E-05	6.53E-05	6.59E-05	2.84E-06	2.39E-05	2.23E-04	Residence	5.78E-08	0.06	0.00	6.46E-05	6.53E-05	6.59E-05	4.62E-06	2.20E-05	2.22E-04
605652	4121540	6.60E-05	6.67E-05	6.73E-05	2.88E-06	2.49E-05	2.28E-04	Residence	5.92E-08	0.06	0.00	6.60E-05	6.67E-05	6.73E-05	4.69E-06	2.29E-05	2.28E-04
605672	4121540	6.68E-05	6.75E-05	6.82E-05	2.92E-06	2.59E-05	2.31E-04	Residence	6.01E-08	0.06	0.00	6.68E-05	6.75E-05	6.82E-05	4.75E-06	2.39E-05	2.31E-04
605692	4121540	6.74E-05	6.82E-05	6.89E-05	2.96E-06	2.70E-05	2.34E-04	Residence	6.09E-08	0.06	0.00	6.74E-05	6.82E-05	6.89E-05	4.82E-06	2.48E-05	2.34E-04
605712	4121540	6.80E-05	6.88E-05	6.95E-05	3.01E-06	2.81E-05	2.37E-04	Residence	6.17E-08	0.06	0.00	6.80E-05	6.88E-05	6.95E-05	4.88E-06	2.59E-05	2.37E-04
605732	4121540	6.71E-05	6.79E-05	6.85E-05	3.05E-06	2.93E-05	2.36E-04	Residence	6.13E-08	0.06	0.00	6.71E-05	6.79E-05	6.85E-05	4.96E-06	2.69E-05	2.35E-04
605752	4121540	6.92E-05	7.00E-05	7.06E-05	3.10E-06	3.06E-05	2.44E-04	Residence	6.33E-08	0.06	0.00	6.92E-05	7.00E-05	7.06E-05	5.04E-06	2.82E-05	2.43E-04
605772	4121540	6.98E-05	7.06E-05	7.13E-05	3.16E-06	3.20E-05	2.47E-04	Residence	6.41E-08	0.06	0.00	6.98E-05	7.06E-05	7.13E-05	5.13E-06	2.94E-05	2.46E-04
605792	4121540	7.03E-05	7.11E-05	7.18E-05	3.22E-06	3.34E-05	2.50E-04	Residence	6.49E-08	0.06	0.00	7.03E-05	7.11E-05	7.18E-05	5.23E-06	3.07E-05	2.49E-04
605812	4121540	7.09E-05	7.17E-05	7.25E-05	3.29E-06	3.49E-05	2.53E-04	Residence	6.58E-08	0.07	0.00	7.09E-05	7.17E-05	7.25E-05	5.35E-06	3.21E-05	2.53E-04
605832	4121540	7.15E-05	7.23E-05	7.31E-05	3.37E-06	3.65E-05	2.57E-04	Residence	6.67E-08	0.07	0.00	7.15E-05	7.23E-05	7.31E-05	5.48E-06	3.36E-05	2.56E-04
605852	4121540	7.20E-05	7.27E-05	7.34E-05	3.47E-06	3.82E-05	2.60E-04	Residence	6.75E-08	0.07	0.00	7.20E-05	7.27E-05	7.34E-05	5.64E-06	3.52E-05	2.59E-04
605872	4121540	7.28E-05	7.36E-05	7.43E-05	3.59E-06	4.00E-05	2.64E-04	Residence	6.87E-08	0.07	0.00	7.28E-05	7.36E-05	7.43E-05	5.83E-06	3.68E-05	2.63E-04
605892	4121540	7.35E-05	7.43E-05	7.50E-05	3.73E-06	4.19E-05	2.68E-04	Residence	6.98E-08	0.07	0.00	7.35E-05	7.43E-05	7.50E-05	6.06E-06	3.85E-05	2.67E-04
605912	4121540	7.43E-05	7.50E-05	7.58E-05	3.89E-06	4.38E-05	2.73E-04	Residence	7.09E-08	0.07	0.00	7.43E-05	7.50E-05	7.58E-05	6.33E-06	4.03E-05	2.72E-04
605932	4121540	7.51E-05	7.58E-05	7.66E-05	4.09E-06	4.59E-05	2.78E-04	Residence	7.21E-08	0.07	0.00	7.51E-05	7.58E-05	7.66E-05	6.65E-06	4.23E-05	2.76E-04
605952	4121540	7.60E-05	7.67E-05	7.74E-05	4.33E-06	4.81E-05	2.83E-04	Residence	7.35E-08	0.07	0.00	7.60E-05	7.67E-05	7.74E-05	7.03E-06	4.42E-05	2.81E-04
605972	4121540	7.68E-05	7.74E-05	7.81E-05	4.60E-06	5.03E-05	2.87E-04	Residence	7.47E-08	0.07	0.00	7.68E-05	7.74E-05	7.81E-05	7.47E-06	4.63E-05	2.86E-04
605992	4121540	7.72E-05	7.77E-05	7.84E-05	4.91E-06	5.27E-05	2.91E-04	Residence	7.56E-08	0.08	0.00	7.72E-05	7.77E-05	7.84E-05	7.98E-06	4.85E-05	2.90E-04
606012	4121540	7.87E-05	7.91E-05	7.96E-05	5.27E-06	5.51E-05	2.98E-04	Residence	7.74E-08	0.08	0.00	7.87E-05	7.91E-05	7.96E-05	8.57E-06	5.07E-05	2.97E-04
606032	4121540	7.97E-05	8.01E-05	8.05E-05	5.68E-06	5.77E-05	3.04E-04	Residence	7.89E-08	0.08	0.00	7.97E-05	8.01E-05	8.05E-05	9.22E-06	5.30E-05	3.03E-04
606052	4121540	7.95E-05	8.00E-05	8.05E-05	6.13E-06	6.02E-05	3.06E-04	Residence	7.96E-08	0.08	0.00	7.95E-05	8.00E-05	8.05E-05	9.95E-06	5.54E-05	3.05E-04
606072	4121540	8.01E-05	8.05E-05	8.10E-05	6.64E-06	6.28E-05	3.11E-04	Residence	8.09E-08	0.08	0.00	8.01E-05	8.05E-05	8.10E-05	1.08E-05	5.78E-05	3.10E-04
606092	4121540	8.28E-05	8.31E-05	8.37E-05	7.26E-06	6.56E-05	3.22E-04	Residence	8.38E-08	0.08	0.00	8.28E-05	8.31E-05	8.37E-05	1.18E-05	6.04E-05	3.22E-04
606112	4121540	8.54E-05	8.57E-05	8.63E-05	8.01E-06	6.86E-05	3.34E-04	Residence	8.68E-08	0.09	0.00	8.54E-05	8.57E-05	8.63E-05	1.30E-05	6.31E-05	3.33E-04
606132	4121540	8.74E-05	8.77E-05	8.83E-05	8.92E-06	7.16E-05	3.44E-04	Residence	8.94E-08	0.09	0.00	8.74E-05	8.77E-05	8.83E-05	1.45E-05	6.59E-05	3.44E-04
606152	4121540	9.05E-05	9.08E-05	9.14E-05	1.00E-05	7.49E-05	3.58E-04	Residence	9.29E-08	0.09	0.00	9.05E-05	9.08E-05	9.14E-05	1.63E-05	6.89E-05	3.58E-04
606172	4121540	9.39E-05	9.43E-05	9.49E-05	1.14E-05	7.85E-05	3.73E-04	Residence	9.69E-08	0.10	0.00	9.39E-05	9.43E-05	9.49E-05	1.85E-05	7.22E-05	3.74E-04
606192	4121540	9.79E-05	9.83E-05	9.89E-05	1.30E-05	8.23E-05	3.90E-04	Residence	1.01E-07	0.10	0.00	9.79E-05	9.83E-05	9.89E-05	2.11E-05	7.57E-05	3.92E-04
606212	4121540	1.03E-04	1.03E-04	1.04E-04	1.49E-05	8.64E-05	4.11E-04	Residence	1.07E-07	0.11	0.00	1.03E-04	1.03E-04	1.04E-04	2.42E-05	7.95E-05	4.14E-04
606232	4121540	1.10E-04	1.10E-04	1.11E-04	1.70E-05	9.09E-05	4.38E-04	Residence	1.14E-07	0.11	0.00	1.10E-04	1.10E-04	1.11E-04	2.76E-05	8.37E-05	4.42E-04
606252	4121540	1.17E-04	1.18E-04	1.19E-04	1.93E-05	9.58E-05	4.69E-04	Residence	1.22E-07	0.12	0.00	1.17E-04	1.18E-04	1.19E-04	3.13E-05	8.81E-05	4.74E-04
606272	4121540	1.27E-04	1.27E-04	1.29E-04	2.18E-05	1.01E-04	5.05E-04	Residence	1.31E-07	0.13	0.00	1.27E-04	1.27E-04	1.29E-04	3.55E-05	9.30E-05	5.11E-04
606292	4121540	1.39E-04	1.40E-04	1.42E-04	2.46E-05	1.07E-04	5.52E-04	Residence	1.43E-07	0.14	0.00	1.39E-04	1.40E-04	1.42E-04	4.01E-05	9.83E-05	5.59E-04
606312	4121540	1.54E-04	1.55E-04	1.57E-04	2.78E-05	1.13E-04	6.07E-04	Residence	1.58E-07	0.16	0.00	1.54E-04	1.55E-04	1.57E-04	4.51E-05	1.04E-04	6.16E-04
606332	4121540	1.73E-04	1.74E-04	1.77E-04	3.12E-05	1.20E-04	6.75E-04	Residence	1.75E-07	0.18	0.00	1.73E-04	1.74E-04	1.77E-04	5.07E-05	1.10E-04	6.85E-04
606352	4121540	1.94E-04	1.97E-04	2.00E-04	3.49E-05	1.27E-04	7.53E-04	Residence	1.96E-07	0.20	0.00	1.94E-04	1.97E-04	2.00E-04	5.67E-05	1.17E-04	7.65E-04
606472	4121540	4.15E-04	4.26E-04	4.40E-04	5.27E-05	1.56E-04	1.49E-03	Residence	3.87E-07	0.39	0.00	4.15E-04	4.26E-04	4.40E-04	8.56E-05	1.44E-04	1.51E-03
606492	4121540	4.68E-04	4.81E-04	4.97E-04	5.36E-05	1.57E-04	1.66E-03	Residence	4.30E-07	0.43	0.00	4.68E-04	4.81E-04	4.97E-04	8.72E-05	1.44E-04	1.68E-03
606512	4121540	5.22E-04	5.37E-04	5.55E-04	5.40E-05	1.56E-04	1.82E-03	Residence	4.74E-07	0.47	0.00	5.22E-04	5.37E-04	5.55E-04	8.77E-05	1.44E-04	1.85E-03
606532	4121540	5.76E-04	5.93E-04	6.12E-04	5.38E-05	1.54E-04	1.99E-03	Residence	5.17E-07	0.52	0.00	5.76E-04	5.93E-04	6.12E-04	8.74E-05	1.42E-04	2.01E-03
606552	4121540	6.28E-04	6.46E-04	6.66E-04	5.33E-05	1.52E-04	2.14E-03	Residence	5.57E-07	0.56	0.00	6.28E-04	6.46E-04	6.66E-04	8.66E-05	1.40E-04	2.17E-03
606572	4121540	6.73E-04	6.93E-04	7.13E-04	5.24E-05	1.49E-04	2.28E-03	Residence	5.93E-07	0.59	0.00	6.73E-04	6.93E-04	7.13E-04	8.51E-05	1.37E-04	2.30E-03
606592	4121540	7.11E-04	7.31E-04	7.51E-04	5.13E-05	1.45E-04	2.39E-03	Residence	6.21E-07	0.62	0.00	7.11E-04	7.31E-04	7.51E-04	8.33E-05	1.33E-04	2.41E-03
606612	4121540	7.42E-04	7.62E-04	7.82E-04	5.00E-05	1.40E-04	2.48E-03	Residence	6.43E-07	0.64	0.00	7.42E-04	7.62E-04	7.82E-04	8.13E-05	1.29E-04	2.50E-03
606632	4121540	7.65E-04	7.84E-04	8.04E-04	4.87E-05	1.35E-04	2.54E-03	Residence	6.60E-07	0.66	0.00	7.65E-04	7.84E-04	8.04E-04	7.91E-05	1.25E-04	2.56E-03
606652	4121540	7.82E-04	8.01E-04	8.20E-04	4.72E-05	1.31E-04	2.58E-03	Residence	6.71E-07	0.67	0.00	7.82E-04	8.01E-04	8.20E-04	7.67E-05	1.20E-04	2.60E-03
606672	4121540	7.93E-04	8.11E-04	8.28E-04	4.57E-05	1.26E-04	2.60E-03	Residence	6.77E-07	0.68	0.00	7.93E-04	8.11E-04	8.28E-04	7.43E-05	1.15E-04	2.62E-03
606692	4121540	7.99E-04	8.16E-04	8.32E-04	4.42E-05	1.21E-04	2.61E-03	Residence	6.79E-07	0.68	0.00	7.99E-04	8.16E-04	8.32E-04	7.18E-05	1.11E-04	2.63E-03
606712	4121540	8.01E-04	8.17E-04	8.32E-04	4.27E-05	1.15E-04	2.61E-03	Residence	6.78E-07	0.68	0.00	8.01E-04	8.17E-04	8.32E-04	6.93E-05	1.06E-04	2.63E-03
606732	4121540	7.98E-04	8.13E-04	8.27E-04	4.11E-05	1.11E-04	2.59E-03	Residence	6.73E-07	0.67	0.00	7.98E-04	8.13E-04	8.27E-04	6.68E-05	1.02E-04	2.61E-03
606752	4121540	7.93E-04	8.06E-04	8.18E-04	3.95E-05	1.06E-04	2.56E-03	Residence	6.66E-07	0.67	0.00	7.93E-04	8.06E-04	8.18E-04	6.42E-05	9.72E-05	2.58E-03
606772	4121540	7.84E-04	7.97E-04	8.07E-04	3.79E-05	1.01E-04	2.53E-03	Residence	6.57E-07	0.66	0.00	7.84E-04	7.97E-04	8.07E-04	6.16E-05	9.28E-05	2.54E-03
606792	4121540	7.72E-04	7.83E-04	7.93E-04	3.64E-05	9.63E-05	2.48E-03	Residence	6.45E-07	0.64	0.00	7.72E-04	7.83E-04	7.93E-04	5.91E-05	8.86E-05	2.50E-03
606852	4121540	7.23E-04	7.30E-04	7.36E-04	3.18E-05	8.34E-05	2.30E-03	Santa Teresa Elementary School	5.99E-07	0.60	0.00	7.23E-04	7.30E-04	7.36E-04	5.17E-05	7.67E-05	2.32E-03
606872	4121540	7.06E-04	7.12E-04	7.17E-04	3.04E-05	7.95E-05	2.24E-03	Santa Teresa Elementary School	5.84E-07	0.58	0.00	7.06E-04	7.12E-04	7.17E-04	4.94E-05	7.31E-05	2.26E-03
606892	4121540	6.88E-04	6.93E-04	6.96E-04	2.90E-05	7.57E-05	2.18E-03	Santa Teresa Elementary School	5.67E-07	0.57	0.00	6.88E-04	6.93E-04	6.96E-04	4.72E-05	6.97E-05	2.19E-03
606912	4121540	6.67E-04	6.71E-04	6.74E-04	2.77E-05	7.21E-05	2.11E-03	Santa Teresa Elementary School	5.49E-07	0.55	0.00	6.67E-04	6.71E-04	6.74E-04	4.50E-05	6.64E-05	2.12E-03
606992	4121540	5.80E-04	5.81E-04	5.81E-04	2.29E-05	5.95E-05	1.82E-03	Residence	4.74E-07	0.47	0.00	5.80E-04	5.81E-04	5.81E-04	3.71E-05	5.47E-05	1.83E-03
607012	4121540	5.60E-04	5.61E-04	5.60E-04	2.18E-05	5.68E-05	1.76E-03	Residence	4.57E-07	0.46	0.00	5.60E-04	5.61E-04	5.60E-04	3.54E-05	5.22E-05	1.77E-03
607032	4121540	5.41E-04	5.41E-04	5.40E-04	2.08E-05	5.42E-05	1.70E-03	Residence	4.41E-07	0.44	0.00	5.41E-04	5.41E-04	5.40E-04	3.38E-05	4.99E-05	1.71E-03
607052	4121540	5.24E-04	5.24E-04	5.22E-04	1.98E-05	5.18E-05	1.64E-03	Residence	4.27E-07	0.43	0.00	5.24E-04	5.24E-04	5.22E-04	3.23E-05	4.77E-05	1.65E-03
605632	4121560	6.68E-05	6.75E-05	6.82E-05	3.07E-06	2.47E-05	2.30E-04	Residence	5.98E-08	0.06	0.00	6.68E-05	6.75E-05	6.82E-05	4.98E-06	2.27E-05	2.30E-04
605652	4121560	6.76E-05	6.83E-05	6.90E-05	3.11E-06	2.57E-05	2.34E-04	Residence	6.07E-08	0.06	0.00	6.76E-05	6.83E-05	6.90E-05	5.05E-06	2.36E-05	2.34E-04
605672	4121560	6.86E-05	6.94E-05	7.01E-05	3.15E-06	2.68E-05	2.38E-04	Residence	6.19E-08	0.06	0.00	6.86E-05	6.94E-05	7.01E-05	5.13E-06	2.47E-05	2.38E-04
605692	4121560	6.94E-05	7.01E-05	7.09E-05	3.20E-06	2.80E-05	2.42E-04	Residence	6.28E-08	0.06	0.00	6.94E-05	7.01E-05	7.09E-05	5.20E-06	2.57E-05	2.41E-04

605712	4121560	7.00E-05	7.08E-05	7.16E-05	3.25E-06	2.92E-05	2.45E-04	Residence	6.37E-08	0.06	0.00	7.00E-05	7.08E-05	7.16E-05	5.28E-06	2.68E-05	2.45E-04
605732	4121560	6.94E-05	7.02E-05	7.09E-05	3.29E-06	3.04E-05	2.44E-04	Residence	6.35E-08	0.06	0.00	6.94E-05	7.02E-05	7.09E-05	5.35E-06	2.80E-05	2.44E-04
605752	4121560	7.14E-05	7.22E-05	7.29E-05	3.35E-06	3.19E-05	2.52E-04	Residence	6.54E-08	0.07	0.00	7.14E-05	7.22E-05	7.29E-05	5.44E-06	2.93E-05	2.51E-04
605772	4121560	7.20E-05	7.29E-05	7.36E-05	3.41E-06	3.33E-05	2.55E-04	Residence	6.63E-08	0.07	0.00	7.20E-05	7.29E-05	7.36E-05	5.54E-06	3.07E-05	2.55E-04
605792	4121560	7.25E-05	7.33E-05	7.40E-05	3.47E-06	3.49E-05	2.58E-04	Residence	6.71E-08	0.07	0.00	7.25E-05	7.33E-05	7.40E-05	5.64E-06	3.21E-05	2.58E-04
605812	4121560	7.34E-05	7.43E-05	7.52E-05	3.54E-06	3.66E-05	2.63E-04	Residence	6.84E-08	0.07	0.00	7.34E-05	7.43E-05	7.52E-05	5.76E-06	3.36E-05	2.62E-04
605832	4121560	7.40E-05	7.49E-05	7.56E-05	3.63E-06	3.83E-05	2.67E-04	Residence	6.93E-08	0.07	0.00	7.40E-05	7.49E-05	7.56E-05	5.89E-06	3.52E-05	2.66E-04
605852	4121560	7.39E-05	7.47E-05	7.54E-05	3.72E-06	4.01E-05	2.68E-04	Residence	6.96E-08	0.07	0.00	7.39E-05	7.47E-05	7.54E-05	6.05E-06	3.69E-05	2.67E-04
605872	4121560	7.53E-05	7.61E-05	7.70E-05	3.84E-06	4.21E-05	2.74E-04	Residence	7.13E-08	0.07	0.00	7.53E-05	7.61E-05	7.70E-05	6.24E-06	3.88E-05	2.73E-04
605892	4121560	7.60E-05	7.68E-05	7.76E-05	3.98E-06	4.42E-05	2.79E-04	Residence	7.24E-08	0.07	0.00	7.60E-05	7.68E-05	7.76E-05	6.46E-06	4.07E-05	2.78E-04
605912	4121560	7.67E-05	7.75E-05	7.83E-05	4.15E-06	4.64E-05	2.83E-04	Residence	7.36E-08	0.07	0.00	7.67E-05	7.75E-05	7.83E-05	6.74E-06	4.27E-05	2.82E-04
605932	4121560	7.67E-05	7.74E-05	7.81E-05	4.35E-06	4.87E-05	2.85E-04	Residence	7.41E-08	0.07	0.00	7.67E-05	7.74E-05	7.81E-05	7.06E-06	4.48E-05	2.84E-04
605952	4121560	7.82E-05	7.89E-05	7.95E-05	4.59E-06	5.12E-05	2.92E-04	Residence	7.60E-08	0.08	0.00	7.82E-05	7.89E-05	7.95E-05	7.45E-06	4.71E-05	2.91E-04
605972	4121560	7.88E-05	7.94E-05	8.00E-05	4.87E-06	5.38E-05	2.97E-04	Residence	7.72E-08	0.08	0.00	7.88E-05	7.94E-05	8.00E-05	7.91E-06	4.95E-05	2.96E-04
605992	4121560	7.89E-05	7.95E-05	8.02E-05	5.20E-06	5.64E-05	3.00E-04	Residence	7.81E-08	0.08	0.00	7.89E-05	7.95E-05	8.02E-05	8.46E-06	5.19E-05	2.99E-04
606012	4121560	8.01E-05	8.06E-05	8.11E-05	5.59E-06	5.92E-05	3.07E-04	Residence	7.97E-08	0.08	0.00	8.01E-05	8.06E-05	8.11E-05	9.09E-06	5.45E-05	3.05E-04
606032	4121560	8.10E-05	8.15E-05	8.19E-05	6.03E-06	6.21E-05	3.13E-04	Residence	8.13E-08	0.08	0.00	8.10E-05	8.15E-05	8.19E-05	9.80E-06	5.72E-05	3.11E-04
606052	4121560	8.11E-05	8.16E-05	8.22E-05	6.53E-06	6.51E-05	3.17E-04	Residence	8.23E-08	0.08	0.00	8.11E-05	8.16E-05	8.22E-05	1.06E-05	5.99E-05	3.15E-04
606072	4121560	8.13E-05	8.17E-05	8.23E-05	7.10E-06	6.81E-05	3.20E-04	Residence	8.33E-08	0.08	0.00	8.13E-05	8.17E-05	8.23E-05	1.15E-05	6.26E-05	3.19E-04
606092	4121560	8.41E-05	8.45E-05	8.51E-05	7.79E-06	7.13E-05	3.33E-04	Residence	8.65E-08	0.09	0.00	8.41E-05	8.45E-05	8.51E-05	1.27E-05	6.56E-05	3.32E-04
606112	4121560	8.66E-05	8.70E-05	8.76E-05	8.62E-06	7.47E-05	3.45E-04	Residence	8.96E-08	0.09	0.00	8.66E-05	8.70E-05	8.76E-05	1.40E-05	6.87E-05	3.44E-04
606132	4121560	8.84E-05	8.88E-05	8.94E-05	9.64E-06	7.82E-05	3.54E-04	Residence	9.21E-08	0.09	0.00	8.84E-05	8.88E-05	8.94E-05	1.57E-05	7.20E-05	3.54E-04
606152	4121560	9.14E-05	9.17E-05	9.24E-05	1.09E-05	8.20E-05	3.68E-04	Residence	9.58E-08	0.10	0.00	9.14E-05	9.17E-05	9.24E-05	1.77E-05	7.55E-05	3.69E-04
606172	4121560	9.47E-05	9.51E-05	9.58E-05	1.25E-05	8.61E-05	3.84E-04	Residence	9.98E-08	0.10	0.00	9.47E-05	9.51E-05	9.58E-05	2.02E-05	7.92E-05	3.85E-04
606192	4121560	9.92E-05	9.96E-05	1.00E-04	1.43E-05	9.06E-05	4.04E-04	Residence	1.05E-07	0.11	0.00	9.92E-05	9.96E-05	1.00E-04	2.33E-05	8.34E-05	4.06E-04
606212	4121560	1.04E-04	1.05E-04	1.06E-04	1.65E-05	9.55E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.04E-04	1.05E-04	1.06E-04	2.68E-05	8.78E-05	4.29E-04
606232	4121560	1.11E-04	1.11E-04	1.12E-04	1.89E-05	1.01E-04	4.54E-04	Residence	1.18E-07	0.12	0.00	1.11E-04	1.11E-04	1.12E-04	3.08E-05	9.27E-05	4.58E-04
606252	4121560	1.20E-04	1.20E-04	1.21E-04	2.17E-05	1.07E-04	4.90E-04	Residence	1.27E-07	0.13	0.00	1.20E-04	1.20E-04	1.21E-04	3.52E-05	9.81E-05	4.95E-04
606272	4121560	1.30E-04	1.31E-04	1.32E-04	2.47E-05	1.13E-04	5.31E-04	Residence	1.38E-07	0.14	0.00	1.30E-04	1.31E-04	1.32E-04	4.02E-05	1.04E-04	5.37E-04
606292	4121560	1.43E-04	1.44E-04	1.46E-04	2.81E-05	1.20E-04	5.81E-04	Residence	1.51E-07	0.15	0.00	1.43E-04	1.44E-04	1.46E-04	4.56E-05	1.10E-04	5.89E-04
606312	4121560	1.59E-04	1.61E-04	1.63E-04	3.18E-05	1.27E-04	6.42E-04	Residence	1.67E-07	0.17	0.00	1.59E-04	1.61E-04	1.63E-04	5.17E-05	1.17E-04	6.52E-04
606332	4121560	1.80E-04	1.82E-04	1.85E-04	3.59E-05	1.36E-04	7.19E-04	Residence	1.87E-07	0.19	0.00	1.80E-04	1.82E-04	1.85E-04	5.84E-05	1.25E-04	7.31E-04
606412	4121560	3.05E-04	3.12E-04	3.21E-04	5.25E-05	1.65E-04	1.15E-03	Worker	3.00E-07	0.30	0.00	3.05E-04	3.12E-04	3.21E-04	8.52E-05	1.52E-04	1.17E-03
606492	4121560	5.14E-04	5.30E-04	5.49E-04	5.94E-05	1.73E-04	1.83E-03	Residence	4.74E-07	0.47	0.00	5.14E-04	5.30E-04	5.49E-04	9.65E-05	1.59E-04	1.85E-03
606512	4121560	5.71E-04	5.89E-04	6.09E-04	5.92E-05	1.71E-04	2.00E-03	Residence	5.20E-07	0.52	0.00	5.71E-04	5.89E-04	6.09E-04	9.63E-05	1.57E-04	2.02E-03
606532	4121560	6.29E-04	6.48E-04	6.70E-04	5.87E-05	1.68E-04	2.17E-03	Residence	5.65E-07	0.56	0.00	6.29E-04	6.48E-04	6.70E-04	9.53E-05	1.54E-04	2.20E-03
606552	4121560	6.82E-04	7.03E-04	7.26E-04	5.77E-05	1.64E-04	2.33E-03	Residence	6.06E-07	0.61	0.00	6.82E-04	7.03E-04	7.26E-04	9.37E-05	1.51E-04	2.36E-03
606572	4121560	7.30E-04	7.51E-04	7.74E-04	5.64E-05	1.59E-04	2.47E-03	Residence	6.42E-07	0.64	0.00	7.30E-04	7.51E-04	7.74E-04	9.17E-05	1.46E-04	2.49E-03
606592	4121560	7.70E-04	7.92E-04	8.14E-04	5.50E-05	1.54E-04	2.58E-03	Residence	6.72E-07	0.67	0.00	7.70E-04	7.92E-04	8.14E-04	8.94E-05	1.42E-04	2.61E-03
606612	4121560	8.02E-04	8.24E-04	8.45E-04	5.34E-05	1.49E-04	2.67E-03	Residence	6.95E-07	0.69	0.00	8.02E-04	8.24E-04	8.45E-04	8.68E-05	1.37E-04	2.70E-03
606632	4121560	8.26E-04	8.47E-04	8.68E-04	5.18E-05	1.43E-04	2.74E-03	Residence	7.11E-07	0.71	0.00	8.26E-04	8.47E-04	8.68E-04	8.41E-05	1.31E-04	2.76E-03
606652	4121560	8.43E-04	8.63E-04	8.82E-04	5.00E-05	1.37E-04	2.77E-03	Residence	7.21E-07	0.72	0.00	8.43E-04	8.63E-04	8.82E-04	8.13E-05	1.26E-04	2.79E-03
606672	4121560	8.52E-04	8.71E-04	8.89E-04	4.82E-05	1.31E-04	2.79E-03	Residence	7.25E-07	0.73	0.00	8.52E-04	8.71E-04	8.89E-04	7.84E-05	1.21E-04	2.81E-03
606692	4121560	8.55E-04	8.73E-04	8.89E-04	4.64E-05	1.25E-04	2.79E-03	Residence	7.25E-07	0.72	0.00	8.55E-04	8.73E-04	8.89E-04	7.54E-05	1.15E-04	2.81E-03
606712	4121560	8.53E-04	8.70E-04	8.85E-04	4.45E-05	1.19E-04	2.77E-03	Residence	7.20E-07	0.72	0.00	8.53E-04	8.70E-04	8.85E-04	7.24E-05	1.10E-04	2.79E-03
606732	4121560	8.46E-04	8.61E-04	8.75E-04	4.27E-05	1.14E-04	2.74E-03	Residence	7.12E-07	0.71	0.00	8.46E-04	8.61E-04	8.75E-04	6.94E-05	1.05E-04	2.76E-03
606752	4121560	8.36E-04	8.50E-04	8.61E-04	4.09E-05	1.08E-04	2.70E-03	Residence	7.01E-07	0.70	0.00	8.36E-04	8.50E-04	8.61E-04	6.64E-05	9.97E-05	2.71E-03
606772	4121560	8.23E-04	8.35E-04	8.45E-04	3.90E-05	1.03E-04	2.65E-03	Residence	6.88E-07	0.69	0.00	8.23E-04	8.35E-04	8.45E-04	6.34E-05	9.48E-05	2.66E-03
606872	4121560	7.22E-04	7.27E-04	7.30E-04	3.06E-05	7.98E-05	2.29E-03	Santa Teresa Elementary School	5.95E-07	0.60	0.00	7.22E-04	7.27E-04	7.30E-04	4.98E-05	7.34E-05	2.30E-03
606892	4121560	6.99E-04	7.03E-04	7.05E-04	2.91E-05	7.58E-05	2.21E-03	Santa Teresa Elementary School	5.75E-07	0.58	0.00	6.99E-04	7.03E-04	7.05E-04	4.73E-05	6.97E-05	2.22E-03
606912	4121560	6.76E-04	6.79E-04	6.80E-04	2.77E-05	7.20E-05	2.13E-03	Santa Teresa Elementary School	5.55E-07	0.55	0.00	6.76E-04	6.79E-04	6.80E-04	4.50E-05	6.63E-05	2.15E-03
606992	4121560	5.80E-04	5.80E-04	5.79E-04	2.26E-05	5.90E-05	1.82E-03	Residence	4.73E-07	0.47	0.00	5.80E-04	5.80E-04	5.79E-04	3.67E-05	5.42E-05	1.83E-03
607012	4121560	5.62E-04	5.61E-04	5.59E-04	2.15E-05	5.62E-05	1.76E-03	Residence	4.57E-07	0.46	0.00	5.62E-04	5.61E-04	5.59E-04	3.50E-05	5.17E-05	1.77E-03
607032	4121560	5.41E-04	5.40E-04	5.38E-04	2.05E-05	5.36E-05	1.69E-03	Residence	4.40E-07	0.44	0.00	5.41E-04	5.40E-04	5.38E-04	3.33E-05	4.93E-05	1.70E-03
607052	4121560	5.21E-04	5.19E-04	5.17E-04	1.95E-05	5.11E-05	1.63E-03	Residence	4.23E-07	0.42	0.00	5.21E-04	5.19E-04	5.17E-04	3.17E-05	4.71E-05	1.64E-03
605632	4121580	7.00E-05	7.08E-05	7.15E-05	3.31E-06	2.55E-05	2.41E-04	Residence	6.27E-08	0.06	0.00	7.00E-05	7.08E-05	7.15E-05	5.38E-06	2.34E-05	2.41E-04
605652	4121580	7.06E-05	7.14E-05	7.21E-05	3.37E-06	2.66E-05	2.44E-04	Residence	6.34E-08	0.06	0.00	7.06E-05	7.14E-05	7.21E-05	5.47E-06	2.44E-05	2.44E-04
605672	4121580	7.08E-05	7.16E-05	7.23E-05	3.42E-06	2.77E-05	2.46E-04	Residence	6.39E-08	0.06	0.00	7.08E-05	7.16E-05	7.23E-05	5.55E-06	2.55E-05	2.46E-04
605692	4121580	7.14E-05	7.22E-05	7.29E-05	3.47E-06	2.89E-05	2.49E-04	Residence	6.47E-08	0.06	0.00	7.14E-05	7.22E-05	7.29E-05	5.64E-06	2.66E-05	2.49E-04
605712	4121580	7.18E-05	7.27E-05	7.34E-05	3.52E-06	3.02E-05	2.52E-04	Residence	6.54E-08	0.07	0.00	7.18E-05	7.27E-05	7.34E-05	5.72E-06	2.78E-05	2.51E-04
605732	4121580	7.23E-05	7.31E-05	7.39E-05	3.58E-06	3.16E-05	2.55E-04	Residence	6.62E-08	0.07	0.00	7.23E-05	7.31E-05	7.39E-05	5.81E-06	2.91E-05	2.54E-04
605752	4121580	7.30E-05	7.38E-05	7.46E-05	3.63E-06	3.31E-05	2.58E-04	Residence	6.71E-08	0.07	0.00	7.30E-05	7.38E-05	7.46E-05	5.91E-06	3.05E-05	2.58E-04
605772	4121580	7.36E-05	7.45E-05	7.53E-05	3.70E-06	3.47E-05	2.62E-04	Residence	6.81E-08	0.07	0.00	7.36E-05	7.45E-05	7.53E-05	6.01E-06	3.19E-05	2.61E-04
605792	4121580	7.43E-05	7.52E-05	7.59E-05	3.76E-06	3.64E-05	2.66E-04	Residence	6.90E-08	0.07	0.00	7.43E-05	7.52E-05	7.59E-05	6.12E-06	3.35E-05	2.65E-04
605812	4121580	7.50E-05	7.59E-05	7.67E-05	3.84E-06	3.82E-05	2.70E-04	Residence	7.01E-08	0.07	0.00	7.50E-05	7.59E-05	7.67E-05	6.24E-06	3.52E-05	2.69E-04
605832	4121580	7.58E-05	7.67E-05	7.74E-05	3.92E-06	4.02E-05	2.74E-04	Residence	7.12E-08	0.07	0.00	7.58E-05	7.67E-05	7.74E-05	6.37E-06	3.69E-05	2.73E-04
605852	4121580	7.64E-05	7.72E-05	7.80E-05	4.02E-06	4.22E-05	2.78E-04	Residence	7.22E-08	0.07	0.00	7.64E-05	7.72E-05	7.80E-05	6.53E-06	3.88E-05	2.77E-04
605872	4121580	7.69E-05	7.78E-05	7.86E-05	4.14E-06	4.44E-05	2.82E-04	Residence	7.32E-08	0.07	0.00	7.69E-05	7.78E-05	7.86E-05	6.72E-06	4.08E-05	2.81E-04
605892	4121580	7.74E-05	7.82E-05	7.90E-05	4.27E-06	4.67E-05	2.86E-04	Residence	7.42E-08	0.07	0.00	7.74E-05	7.82E-05	7.90E-05	6.94E-06	4.30E-05	2.84E-04
605912	4121580	7.81E-05	7.89E-05	7.96E-05	4.44E-06	4.92E-05	2.90E-04	Residence	7.54E-08	0.08	0.00	7.81E-05	7.89E-05	7.96E-05	7.21E-06	4.52E-05	2.89E-04
605932	4121580	7.87E-05	7.94E-05	8.00E-05	4.64E-06	5.18E-05	2.95E-04	Residence	7.66E-08	0.08	0.00	7.87E-05	7.94E-05	8.00E-05	7.54E-06	4.76E-05	2.93E-04
605952	4121580	7.94E-05	8.01E-05	8.06E-05	4.89E-06	5.46E-05	3.00E-04	Residence	7.79E-08	0.08	0.00	7.94E-05	8.01E-05	8.06E-05	7.94E-06	5.02E-05	2.98E-04
605972	4121580	8.00E-05	8.06E-05	8.11E-05	5.18E-06	5.75E-05	3.04E-04	Residence	7.91E-08	0.08	0.00	8.00E-05	8.06E-05	8.11E-05	8.43E-06	5.29E-05	3.03E-04

605992	4121580	8.08E-05	8.13E-05	8.18E-05	5.54E-06	6.06E-05	3.10E-04	Residence	8.06E-08	0.08	0.00	8.08E-05	8.13E-05	8.18E-05	9.00E-06	5.57E-05	3.09E-04
606012	4121580	8.14E-05	8.19E-05	8.23E-05	5.95E-06	6.38E-05	3.15E-04	Residence	8.20E-08	0.08	0.00	8.14E-05	8.19E-05	8.23E-05	9.67E-06	5.87E-05	3.14E-04
606032	4121580	8.25E-05	8.30E-05	8.36E-05	6.43E-06	6.71E-05	3.23E-04	Residence	8.39E-08	0.08	0.00	8.25E-05	8.30E-05	8.36E-05	1.05E-05	6.18E-05	3.21E-04
606052	4121580	8.26E-05	8.32E-05	8.38E-05	6.98E-06	7.05E-05	3.27E-04	Residence	8.50E-08	0.09	0.00	8.26E-05	8.32E-05	8.38E-05	1.13E-05	6.49E-05	3.26E-04
606072	4121580	8.30E-05	8.35E-05	8.41E-05	7.61E-06	7.41E-05	3.32E-04	Residence	8.64E-08	0.09	0.00	8.30E-05	8.35E-05	8.41E-05	1.24E-05	6.81E-05	3.31E-04
606092	4121580	8.58E-05	8.63E-05	8.69E-05	8.38E-06	7.79E-05	3.45E-04	Residence	8.97E-08	0.09	0.00	8.58E-05	8.63E-05	8.69E-05	1.36E-05	7.16E-05	3.44E-04
606112	4121580	8.81E-05	8.86E-05	8.92E-05	9.30E-06	8.18E-05	3.57E-04	Residence	9.28E-08	0.09	0.00	8.81E-05	8.86E-05	8.92E-05	1.51E-05	7.52E-05	3.56E-04
606132	4121580	8.99E-05	9.04E-05	9.11E-05	1.04E-05	8.59E-05	3.68E-04	Residence	9.56E-08	0.10	0.00	8.99E-05	9.04E-05	9.11E-05	1.70E-05	7.90E-05	3.67E-04
606152	4121580	9.27E-05	9.32E-05	9.39E-05	1.19E-05	9.03E-05	3.82E-04	Residence	9.93E-08	0.10	0.00	9.27E-05	9.32E-05	9.39E-05	1.93E-05	8.31E-05	3.82E-04
606172	4121580	9.63E-05	9.67E-05	9.75E-05	1.37E-05	9.51E-05	3.99E-04	Residence	1.04E-07	0.10	0.00	9.63E-05	9.67E-05	9.75E-05	2.22E-05	8.75E-05	4.00E-04
606192	4121580	1.01E-04	1.02E-04	1.03E-04	1.58E-05	1.00E-04	4.22E-04	Residence	1.10E-07	0.11	0.00	1.01E-04	1.02E-04	1.03E-04	2.57E-05	9.24E-05	4.24E-04
606212	4121580	1.06E-04	1.07E-04	1.07E-04	1.84E-05	1.06E-04	4.45E-04	Residence	1.16E-07	0.12	0.00	1.06E-04	1.07E-04	1.07E-04	2.99E-05	9.77E-05	4.48E-04
606232	4121580	1.13E-04	1.13E-04	1.14E-04	2.13E-05	1.12E-04	4.74E-04	Residence	1.23E-07	0.12	0.00	1.13E-04	1.13E-04	1.14E-04	3.46E-05	1.03E-04	4.79E-04
606252	4121580	1.22E-04	1.23E-04	1.24E-04	2.46E-05	1.19E-04	5.13E-04	Residence	1.33E-07	0.13	0.00	1.22E-04	1.23E-04	1.24E-04	3.99E-05	1.10E-04	5.18E-04
606272	4121580	1.33E-04	1.34E-04	1.35E-04	2.82E-05	1.27E-04	5.57E-04	Residence	1.45E-07	0.14	0.00	1.33E-04	1.34E-04	1.35E-04	4.58E-05	1.17E-04	5.65E-04
606292	4121580	1.47E-04	1.48E-04	1.50E-04	3.23E-05	1.36E-04	6.13E-04	Residence	1.59E-07	0.16	0.00	1.47E-04	1.48E-04	1.50E-04	5.25E-05	1.25E-04	6.22E-04
606312	4121580	1.64E-04	1.66E-04	1.69E-04	3.68E-05	1.45E-04	6.80E-04	Residence	1.77E-07	0.18	0.00	1.64E-04	1.66E-04	1.69E-04	5.98E-05	1.33E-04	6.92E-04
606332	4121580	1.87E-04	1.90E-04	1.93E-04	4.17E-05	1.54E-04	7.66E-04	Residence	1.99E-07	0.20	0.00	1.87E-04	1.90E-04	1.93E-04	6.78E-05	1.42E-04	7.80E-04
606392	4121580	2.85E-04	2.90E-04	2.98E-04	5.64E-05	1.80E-04	1.11E-03	Worker	2.89E-07	0.29	0.00	2.85E-04	2.90E-04	2.98E-04	9.17E-05	1.66E-04	1.13E-03
606512	4121580	6.35E-04	6.56E-04	6.80E-04	6.51E-05	1.86E-04	2.22E-03	Residence	5.78E-07	0.58	0.00	6.35E-04	6.56E-04	6.80E-04	1.06E-04	1.72E-04	2.25E-03
606532	4121580	6.95E-04	7.17E-04	7.42E-04	6.40E-05	1.82E-04	2.40E-03	Residence	6.24E-07	0.62	0.00	6.95E-04	7.17E-04	7.42E-04	1.04E-04	1.67E-04	2.43E-03
606552	4121580	7.49E-04	7.73E-04	7.98E-04	6.25E-05	1.76E-04	2.56E-03	Residence	6.65E-07	0.67	0.00	7.49E-04	7.73E-04	7.98E-04	1.02E-04	1.62E-04	2.58E-03
606572	4121580	7.96E-04	8.20E-04	8.45E-04	6.08E-05	1.70E-04	2.69E-03	Residence	7.00E-07	0.70	0.00	7.96E-04	8.20E-04	8.45E-04	9.88E-05	1.57E-04	2.72E-03
606592	4121580	8.35E-04	8.59E-04	8.83E-04	5.89E-05	1.64E-04	2.80E-03	Residence	7.28E-07	0.73	0.00	8.35E-04	8.59E-04	8.83E-04	9.57E-05	1.51E-04	2.82E-03
606612	4121580	8.65E-04	8.88E-04	9.11E-04	5.69E-05	1.57E-04	2.88E-03	Residence	7.48E-07	0.75	0.00	8.65E-04	8.88E-04	9.11E-04	9.25E-05	1.44E-04	2.90E-03
606632	4121580	8.85E-04	9.07E-04	9.29E-04	5.48E-05	1.50E-04	2.93E-03	Residence	7.61E-07	0.76	0.00	8.85E-04	9.07E-04	9.29E-04	8.91E-05	1.38E-04	2.95E-03
606652	4121580	8.97E-04	9.18E-04	9.38E-04	5.27E-05	1.43E-04	2.95E-03	Residence	7.67E-07	0.77	0.00	8.97E-04	9.18E-04	9.38E-04	8.56E-05	1.32E-04	2.97E-03
606672	4121580	9.01E-04	9.21E-04	9.40E-04	5.05E-05	1.36E-04	2.95E-03	Residence	7.67E-07	0.77	0.00	9.01E-04	9.21E-04	9.40E-04	8.21E-05	1.25E-04	2.97E-03
606692	4121580	8.99E-04	9.17E-04	9.34E-04	4.83E-05	1.29E-04	2.93E-03	Residence	7.61E-07	0.76	0.00	8.99E-04	9.17E-04	9.34E-04	7.85E-05	1.19E-04	2.95E-03
606712	4121580	8.95E-04	9.12E-04	9.27E-04	4.62E-05	1.23E-04	2.90E-03	Residence	7.55E-07	0.75	0.00	8.95E-04	9.12E-04	9.27E-04	7.50E-05	1.13E-04	2.92E-03
606732	4121580	8.84E-04	8.99E-04	9.12E-04	4.40E-05	1.16E-04	2.86E-03	Residence	7.42E-07	0.74	0.00	8.84E-04	8.99E-04	9.12E-04	7.15E-05	1.07E-04	2.87E-03
606752	4121580	8.69E-04	8.83E-04	8.93E-04	4.19E-05	1.10E-04	2.80E-03	Residence	7.27E-07	0.73	0.00	8.69E-04	8.83E-04	8.93E-04	6.81E-05	1.02E-04	2.81E-03
606772	4121580	8.52E-04	8.63E-04	8.72E-04	3.99E-05	1.05E-04	2.73E-03	Residence	7.10E-07	0.71	0.00	8.52E-04	8.63E-04	8.72E-04	6.48E-05	9.62E-05	2.75E-03
606832	4121580	7.82E-04	7.88E-04	7.92E-04	3.41E-05	8.87E-05	2.49E-03	Santa Teresa Elementary School	6.46E-07	0.65	0.00	7.82E-04	7.88E-04	7.92E-04	5.53E-05	8.16E-05	2.50E-03
606852	4121580	7.57E-04	7.62E-04	7.65E-04	3.23E-05	8.40E-05	2.40E-03	Santa Teresa Elementary School	6.24E-07	0.62	0.00	7.57E-04	7.62E-04	7.65E-04	5.25E-05	7.73E-05	2.41E-03
606872	4121580	7.32E-04	7.35E-04	7.37E-04	3.06E-05	7.96E-05	2.31E-03	Santa Teresa Elementary School	6.02E-07	0.60	0.00	7.32E-04	7.35E-04	7.37E-04	4.97E-05	7.32E-05	2.33E-03
606892	4121580	7.06E-04	7.08E-04	7.09E-04	2.90E-05	7.55E-05	2.23E-03	Santa Teresa Elementary School	5.79E-07	0.58	0.00	7.06E-04	7.08E-04	7.09E-04	4.71E-05	6.94E-05	2.24E-03
606912	4121580	6.80E-04	6.82E-04	6.81E-04	2.75E-05	7.16E-05	2.14E-03	Santa Teresa Elementary School	5.57E-07	0.56	0.00	6.80E-04	6.82E-04	6.81E-04	4.47E-05	6.58E-05	2.15E-03
606992	4121580	5.77E-04	5.76E-04	5.73E-04	2.22E-05	5.82E-05	1.81E-03	Residence	4.70E-07	0.47	0.00	5.77E-04	5.76E-04	5.73E-04	3.61E-05	5.35E-05	1.82E-03
607012	4121580	5.56E-04	5.54E-04	5.51E-04	2.11E-05	5.54E-05	1.74E-03	Residence	4.52E-07	0.45	0.00	5.56E-04	5.54E-04	5.51E-04	3.43E-05	5.10E-05	1.75E-03
607032	4121580	5.34E-04	5.32E-04	5.29E-04	2.01E-05	5.28E-05	1.67E-03	Residence	4.33E-07	0.43	0.00	5.34E-04	5.32E-04	5.29E-04	3.26E-05	4.85E-05	1.68E-03
607052	4121580	5.13E-04	5.11E-04	5.08E-04	1.91E-05	5.03E-05	1.60E-03	Residence	4.16E-07	0.42	0.00	5.13E-04	5.11E-04	5.08E-04	3.10E-05	4.63E-05	1.61E-03
605632	4121600	7.30E-05	7.38E-05	7.46E-05	3.59E-06	2.63E-05	2.51E-04	Residence	6.53E-08	0.07	0.00	7.30E-05	7.38E-05	7.46E-05	5.83E-06	2.42E-05	2.51E-04
605652	4121600	7.38E-05	7.47E-05	7.55E-05	3.65E-06	2.74E-05	2.55E-04	Residence	6.63E-08	0.07	0.00	7.38E-05	7.47E-05	7.55E-05	5.93E-06	2.53E-05	2.55E-04
605672	4121600	7.43E-05	7.52E-05	7.60E-05	3.71E-06	2.87E-05	2.58E-04	Residence	6.70E-08	0.07	0.00	7.43E-05	7.52E-05	7.60E-05	6.03E-06	2.64E-05	2.58E-04
605692	4121600	7.49E-05	7.58E-05	7.66E-05	3.77E-06	3.00E-05	2.61E-04	Residence	6.79E-08	0.07	0.00	7.49E-05	7.58E-05	7.66E-05	6.13E-06	2.76E-05	2.61E-04
605712	4121600	7.57E-05	7.67E-05	7.75E-05	3.84E-06	3.14E-05	2.65E-04	Residence	6.89E-08	0.07	0.00	7.57E-05	7.67E-05	7.75E-05	6.23E-06	2.89E-05	2.65E-04
605732	4121600	7.65E-05	7.74E-05	7.83E-05	3.90E-06	3.29E-05	2.69E-04	Residence	6.99E-08	0.07	0.00	7.65E-05	7.74E-05	7.83E-05	6.34E-06	3.03E-05	2.69E-04
605752	4121600	7.72E-05	7.82E-05	7.90E-05	3.97E-06	3.45E-05	2.73E-04	Residence	7.09E-08	0.07	0.00	7.72E-05	7.82E-05	7.90E-05	6.44E-06	3.18E-05	2.73E-04
605772	4121600	7.79E-05	7.89E-05	7.98E-05	4.03E-06	3.63E-05	2.77E-04	Residence	7.20E-08	0.07	0.00	7.79E-05	7.89E-05	7.98E-05	6.55E-06	3.34E-05	2.77E-04
605792	4121600	7.86E-05	7.96E-05	8.05E-05	4.11E-06	3.81E-05	2.81E-04	Residence	7.30E-08	0.07	0.00	7.86E-05	7.96E-05	8.05E-05	6.67E-06	3.51E-05	2.80E-04
605812	4121600	7.92E-05	8.03E-05	8.12E-05	4.19E-06	4.01E-05	2.85E-04	Residence	7.41E-08	0.07	0.00	7.92E-05	8.03E-05	8.12E-05	6.80E-06	3.69E-05	2.84E-04
605832	4121600	7.98E-05	8.08E-05	8.18E-05	4.27E-06	4.22E-05	2.89E-04	Residence	7.51E-08	0.08	0.00	7.98E-05	8.08E-05	8.18E-05	6.94E-06	3.88E-05	2.88E-04
605852	4121600	8.04E-05	8.14E-05	8.24E-05	4.37E-06	4.45E-05	2.93E-04	Residence	7.62E-08	0.08	0.00	8.04E-05	8.14E-05	8.24E-05	7.11E-06	4.09E-05	2.92E-04
605872	4121600	8.10E-05	8.20E-05	8.30E-05	4.49E-06	4.69E-05	2.97E-04	Residence	7.73E-08	0.08	0.00	8.10E-05	8.20E-05	8.30E-05	7.29E-06	4.31E-05	2.96E-04
605892	4121600	8.16E-05	8.26E-05	8.35E-05	4.63E-06	4.95E-05	3.02E-04	Residence	7.84E-08	0.08	0.00	8.16E-05	8.26E-05	8.35E-05	7.52E-06	4.55E-05	3.01E-04
605912	4121600	8.21E-05	8.31E-05	8.39E-05	4.79E-06	5.23E-05	3.06E-04	Residence	7.96E-08	0.08	0.00	8.21E-05	8.31E-05	8.39E-05	7.79E-06	4.81E-05	3.05E-04
605932	4121600	8.24E-05	8.33E-05	8.40E-05	4.99E-06	5.52E-05	3.10E-04	Residence	8.06E-08	0.08	0.00	8.24E-05	8.33E-05	8.40E-05	8.12E-06	5.08E-05	3.09E-04
605952	4121600	8.26E-05	8.34E-05	8.41E-05	5.24E-06	5.84E-05	3.14E-04	Residence	8.15E-08	0.08	0.00	8.26E-05	8.34E-05	8.41E-05	8.52E-06	5.37E-05	3.12E-04
605972	4121600	8.28E-05	8.35E-05	8.42E-05	5.55E-06	6.17E-05	3.18E-04	Residence	8.26E-08	0.08	0.00	8.28E-05	8.35E-05	8.42E-05	9.01E-06	5.67E-05	3.16E-04
605992	4121600	8.31E-05	8.38E-05	8.45E-05	5.92E-06	6.52E-05	3.22E-04	Residence	8.38E-08	0.08	0.00	8.31E-05	8.38E-05	8.45E-05	9.61E-06	6.00E-05	3.21E-04
606012	4121600	8.36E-05	8.42E-05	8.49E-05	6.36E-06	6.89E-05	3.28E-04	Residence	8.52E-08	0.09	0.00	8.36E-05	8.42E-05	8.49E-05	1.03E-05	6.34E-05	3.26E-04
606032	4121600	8.41E-05	8.48E-05	8.55E-05	6.88E-06	7.28E-05	3.34E-04	Residence	8.68E-08	0.09	0.00	8.41E-05	8.48E-05	8.55E-05	1.12E-05	6.69E-05	3.33E-04
606052	4121600	8.45E-05	8.51E-05	8.59E-05	7.48E-06	7.68E-05	3.40E-04	Residence	8.83E-08	0.09	0.00	8.45E-05	8.51E-05	8.59E-05	1.22E-05	7.06E-05	3.38E-04
606072	4121600	8.48E-05	8.54E-05	8.61E-05	8.19E-06	8.09E-05	3.45E-04	Residence	8.98E-08	0.09	0.00	8.48E-05	8.54E-05	8.61E-05	1.33E-05	7.44E-05	3.44E-04
606092	4121600	8.75E-05	8.81E-05	8.89E-05	9.04E-06	8.54E-05	3.59E-04	Residence	9.33E-08	0.09	0.00	8.75E-05	8.81E-05	8.89E-05	1.47E-05	7.85E-05	3.58E-04
606112	4121600	8.98E-05	9.04E-05	9.12E-05	1.01E-05	9.00E-05	3.71E-04	Residence	9.65E-08	0.10	0.00	8.98E-05	9.04E-05	9.12E-05	1.64E-05	8.28E-05	3.70E-04
606132	4121600	9.17E-05	9.22E-05	9.30E-05	1.14E-05	9.48E-05	3.83E-04	Residence	9.96E-08	0.10	0.00	9.17E-05	9.22E-05	9.30E-05	1.85E-05	8.72E-05	3.83E-04
606152	4121600	9.46E-05	9.52E-05	9.61E-05	1.30E-05	1.00E-04	3.99E-04	Residence	1.04E-07	0.10	0.00	9.46E-05	9.52E-05	9.61E-05	2.12E-05	9.20E-05	3.99E-04
606172	4121600	9.84E-05	9.90E-05	1.00E-04	1.51E-05	1.06E-04	4.18E-04	Residence	1.09E-07	0.11	0.00	9.84E-05	9.90E-05	1.00E-04	2.45E-05	9.73E-05	4.19E-04
606192	4121600	1.03E-04	1.04E-04	1.05E-04	1.76E-05	1.12E-04	4.41E-04	Residence	1.14E-07	0.11	0.00	1.03E-04	1.04E-04	1.05E-04	2.86E-05	1.03E-04	4.43E-04
606212	4121600	1.09E-04	1.09E-04	1.11E-04	2.07E-05	1.19E-04	4.68E-04	Residence	1.22E-07	0.12	0.00	1.09E-04	1.09E-04	1.11E-04	3.36E-05	1.09E-04	4.72E-04
606232	4121600	1.15E-04	1.16E-04	1.17E-04	2.41E-05	1.27E-04	5.00E-04	Residence	1.30E-07	0.13	0.00	1.15E-04	1.16E-04	1.17E-04	3.92E-05	1.16E-04	5.05E-04

606252	4121600	1.24E-04	1.25E-04	1.27E-04	2.81E-05	1.35E-04	5.39E-04	Residence	1.40E-07	0.14	0.00	1.24E-04	1.25E-04	1.27E-04	4.56E-05	1.24E-04	5.46E-04
606272	4121600	1.36E-04	1.37E-04	1.39E-04	3.25E-05	1.44E-04	5.88E-04	Residence	1.53E-07	0.15	0.00	1.36E-04	1.37E-04	1.39E-04	5.28E-05	1.33E-04	5.97E-04
606292	4121600	1.51E-04	1.52E-04	1.55E-04	3.75E-05	1.55E-04	6.50E-04	Residence	1.69E-07	0.17	0.00	1.51E-04	1.52E-04	1.55E-04	6.09E-05	1.42E-04	6.61E-04
606312	4121600	1.71E-04	1.73E-04	1.76E-04	4.30E-05	1.66E-04	7.28E-04	Residence	1.89E-07	0.19	0.00	1.71E-04	1.73E-04	1.76E-04	6.99E-05	1.52E-04	7.41E-04
606332	4121600	1.96E-04	1.98E-04	2.02E-04	4.90E-05	1.77E-04	8.23E-04	Residence	2.14E-07	0.21	0.00	1.96E-04	1.98E-04	2.02E-04	7.96E-05	1.63E-04	8.39E-04
606572	4121600	8.77E-04	9.03E-04	9.31E-04	6.54E-05	1.82E-04	2.96E-03	Residence	7.69E-07	0.77	0.00	8.77E-04	9.03E-04	9.31E-04	1.06E-04	1.67E-04	2.98E-03
606592	4121600	9.12E-04	9.39E-04	9.65E-04	6.30E-05	1.73E-04	3.05E-03	Residence	7.93E-07	0.79	0.00	9.12E-04	9.39E-04	9.65E-04	1.02E-04	1.59E-04	3.08E-03
606612	4121600	9.36E-04	9.61E-04	9.86E-04	6.05E-05	1.65E-04	3.11E-03	Residence	8.08E-07	0.81	0.00	9.36E-04	9.61E-04	9.86E-04	9.83E-05	1.52E-04	3.13E-03
606632	4121600	9.52E-04	9.76E-04	9.99E-04	5.79E-05	1.57E-04	3.14E-03	Residence	8.17E-07	0.82	0.00	9.52E-04	9.76E-04	9.99E-04	9.41E-05	1.44E-04	3.17E-03
606652	4121600	9.59E-04	9.82E-04	1.00E-03	5.53E-05	1.48E-04	3.15E-03	Residence	8.18E-07	0.82	0.00	9.59E-04	9.82E-04	1.00E-03	8.98E-05	1.37E-04	3.17E-03
606672	4121600	9.58E-04	9.79E-04	9.97E-04	5.27E-05	1.41E-04	3.13E-03	Residence	8.13E-07	0.81	0.00	9.58E-04	9.79E-04	9.97E-04	8.56E-05	1.29E-04	3.15E-03
606692	4121600	9.52E-04	9.70E-04	9.86E-04	5.01E-05	1.33E-04	3.09E-03	Residence	8.03E-07	0.80	0.00	9.52E-04	9.70E-04	9.86E-04	8.14E-05	1.22E-04	3.11E-03
606712	4121600	9.40E-04	9.56E-04	9.69E-04	4.76E-05	1.25E-04	3.04E-03	Residence	7.90E-07	0.79	0.00	9.40E-04	9.56E-04	9.69E-04	7.73E-05	1.15E-04	3.06E-03
606732	4121600	9.22E-04	9.36E-04	9.48E-04	4.51E-05	1.18E-04	2.97E-03	Residence	7.72E-07	0.77	0.00	9.22E-04	9.36E-04	9.48E-04	7.33E-05	1.09E-04	2.99E-03
606752	4121600	9.01E-04	9.13E-04	9.22E-04	4.27E-05	1.12E-04	2.89E-03	Residence	7.52E-07	0.75	0.00	9.01E-04	9.13E-04	9.22E-04	6.94E-05	1.03E-04	2.91E-03
606772	4121600	8.78E-04	8.88E-04	8.95E-04	4.04E-05	1.05E-04	2.81E-03	Residence	7.30E-07	0.73	0.00	8.78E-04	8.88E-04	8.95E-04	6.56E-05	9.70E-05	2.82E-03
606872	4121600	7.38E-04	7.40E-04	7.40E-04	3.04E-05	7.91E-05	2.33E-03	Santa Teresa Elementary School	6.05E-07	0.61	0.00	7.38E-04	7.40E-04	7.40E-04	4.94E-05	7.28E-05	2.34E-03
606892	4121600	7.10E-04	7.11E-04	7.09E-04	2.87E-05	7.48E-05	2.23E-03	Santa Teresa Elementary School	5.80E-07	0.58	0.00	7.10E-04	7.11E-04	7.09E-04	4.67E-05	6.88E-05	2.25E-03
606912	4121600	6.82E-04	6.82E-04	6.80E-04	2.71E-05	7.08E-05	2.14E-03	Santa Teresa Elementary School	5.57E-07	0.56	0.00	6.82E-04	6.82E-04	6.80E-04	4.41E-05	6.51E-05	2.15E-03
606932	4121600	6.54E-04	6.53E-04	6.51E-04	2.57E-05	6.71E-05	2.05E-03	Santa Teresa Elementary School	5.33E-07	0.53	0.00	6.54E-04	6.53E-04	6.51E-04	4.17E-05	6.17E-05	2.06E-03
606992	4121600	5.70E-04	5.68E-04	5.64E-04	2.17E-05	5.72E-05	1.78E-03	Residence	4.63E-07	0.46	0.00	5.70E-04	5.68E-04	5.64E-04	3.53E-05	5.26E-05	1.79E-03
607012	4121600	5.46E-04	5.43E-04	5.39E-04	2.06E-05	5.44E-05	1.70E-03	Residence	4.43E-07	0.44	0.00	5.46E-04	5.43E-04	5.39E-04	3.35E-05	5.00E-05	1.71E-03
607032	4121600	5.23E-04	5.20E-04	5.16E-04	1.95E-05	5.18E-05	1.63E-03	Residence	4.24E-07	0.42	0.00	5.23E-04	5.20E-04	5.16E-04	3.17E-05	4.76E-05	1.64E-03
607052	4121600	5.04E-04	5.01E-04	4.96E-04	1.86E-05	4.93E-05	1.57E-03	Residence	4.08E-07	0.41	0.00	5.04E-04	5.01E-04	4.96E-04	3.02E-05	4.54E-05	1.58E-03
605632	4121620	7.24E-05	7.33E-05	7.40E-05	3.88E-06	2.69E-05	2.50E-04	Residence	6.51E-08	0.07	0.00	7.24E-05	7.33E-05	7.40E-05	6.30E-06	2.48E-05	2.51E-04
605652	4121620	7.31E-05	7.39E-05	7.47E-05	3.95E-06	2.82E-05	2.54E-04	Residence	6.60E-08	0.07	0.00	7.31E-05	7.39E-05	7.47E-05	6.42E-06	2.59E-05	2.54E-04
605672	4121620	7.42E-05	7.50E-05	7.58E-05	4.03E-06	2.95E-05	2.59E-04	Residence	6.72E-08	0.07	0.00	7.42E-05	7.50E-05	7.58E-05	6.54E-06	2.71E-05	2.59E-04
605692	4121620	7.51E-05	7.60E-05	7.68E-05	4.10E-06	3.09E-05	2.63E-04	Residence	6.83E-08	0.07	0.00	7.51E-05	7.60E-05	7.68E-05	6.67E-06	2.84E-05	2.63E-04
605712	4121620	7.60E-05	7.69E-05	7.77E-05	4.18E-06	3.24E-05	2.67E-04	Residence	6.95E-08	0.07	0.00	7.60E-05	7.69E-05	7.77E-05	6.79E-06	2.98E-05	2.67E-04
605732	4121620	7.70E-05	7.79E-05	7.88E-05	4.26E-06	3.41E-05	2.72E-04	Residence	7.07E-08	0.07	0.00	7.70E-05	7.79E-05	7.88E-05	6.92E-06	3.13E-05	2.72E-04
605752	4121620	7.80E-05	7.89E-05	7.98E-05	4.34E-06	3.58E-05	2.77E-04	Residence	7.20E-08	0.07	0.00	7.80E-05	7.89E-05	7.98E-05	7.05E-06	3.30E-05	2.77E-04
605772	4121620	7.87E-05	7.97E-05	8.06E-05	4.42E-06	3.77E-05	2.81E-04	Residence	7.31E-08	0.07	0.00	7.87E-05	7.97E-05	8.06E-05	7.18E-06	3.47E-05	2.81E-04
605792	4121620	7.96E-05	8.06E-05	8.15E-05	4.50E-06	3.97E-05	2.86E-04	Residence	7.43E-08	0.07	0.00	7.96E-05	8.06E-05	8.15E-05	7.31E-06	3.65E-05	2.86E-04
605812	4121620	8.04E-05	8.14E-05	8.23E-05	4.59E-06	4.19E-05	2.91E-04	Residence	7.55E-08	0.08	0.00	8.04E-05	8.14E-05	8.23E-05	7.45E-06	3.85E-05	2.90E-04
605832	4121620	8.11E-05	8.21E-05	8.30E-05	4.68E-06	4.42E-05	2.95E-04	Residence	7.67E-08	0.08	0.00	8.11E-05	8.21E-05	8.30E-05	7.61E-06	4.07E-05	2.95E-04
605852	4121620	8.19E-05	8.29E-05	8.39E-05	4.79E-06	4.67E-05	3.00E-04	Residence	7.80E-08	0.08	0.00	8.19E-05	8.29E-05	8.39E-05	7.78E-06	4.30E-05	2.99E-04
605872	4121620	8.28E-05	8.38E-05	8.47E-05	4.91E-06	4.94E-05	3.06E-04	Residence	7.94E-08	0.08	0.00	8.28E-05	8.38E-05	8.47E-05	7.97E-06	4.55E-05	3.05E-04
605892	4121620	8.37E-05	8.47E-05	8.55E-05	5.05E-06	5.23E-05	3.11E-04	Residence	8.09E-08	0.08	0.00	8.37E-05	8.47E-05	8.55E-05	8.20E-06	4.82E-05	3.10E-04
605912	4121620	8.42E-05	8.51E-05	8.59E-05	5.21E-06	5.55E-05	3.16E-04	Residence	8.21E-08	0.08	0.00	8.42E-05	8.51E-05	8.59E-05	8.47E-06	5.10E-05	3.15E-04
605932	4121620	8.43E-05	8.52E-05	8.59E-05	5.42E-06	5.88E-05	3.20E-04	Residence	8.31E-08	0.08	0.00	8.43E-05	8.52E-05	8.59E-05	8.80E-06	5.41E-05	3.18E-04
605952	4121620	8.46E-05	8.54E-05	8.61E-05	5.67E-06	6.24E-05	3.24E-04	Residence	8.42E-08	0.08	0.00	8.46E-05	8.54E-05	8.61E-05	9.21E-06	5.74E-05	3.23E-04
605972	4121620	8.49E-05	8.57E-05	8.63E-05	5.98E-06	6.62E-05	3.29E-04	Residence	8.55E-08	0.09	0.00	8.49E-05	8.57E-05	8.63E-05	9.71E-06	6.09E-05	3.27E-04
605992	4121620	8.53E-05	8.61E-05	8.69E-05	6.36E-06	7.03E-05	3.35E-04	Residence	8.71E-08	0.09	0.00	8.53E-05	8.61E-05	8.69E-05	1.03E-05	6.47E-05	3.33E-04
606012	4121620	8.57E-05	8.65E-05	8.72E-05	6.83E-06	7.46E-05	3.41E-04	Residence	8.86E-08	0.09	0.00	8.57E-05	8.65E-05	8.72E-05	1.11E-05	6.86E-05	3.39E-04
606032	4121620	8.63E-05	8.70E-05	8.77E-05	7.39E-06	7.92E-05	3.48E-04	Residence	9.04E-08	0.09	0.00	8.63E-05	8.70E-05	8.77E-05	1.20E-05	7.28E-05	3.46E-04
606052	4121620	8.71E-05	8.78E-05	8.86E-05	8.05E-06	8.39E-05	3.55E-04	Residence	9.24E-08	0.09	0.00	8.71E-05	8.78E-05	8.86E-05	1.31E-05	7.72E-05	3.54E-04
606072	4121620	8.75E-05	8.82E-05	8.91E-05	8.84E-06	8.88E-05	3.62E-04	Residence	9.42E-08	0.09	0.00	8.75E-05	8.82E-05	8.91E-05	1.44E-05	8.17E-05	3.61E-04
606092	4121620	8.97E-05	9.04E-05	9.13E-05	9.80E-06	9.40E-05	3.75E-04	Residence	9.75E-08	0.10	0.00	8.97E-05	9.04E-05	9.13E-05	1.59E-05	8.65E-05	3.74E-04
606112	4121620	9.19E-05	9.27E-05	9.35E-05	1.10E-05	9.95E-05	3.89E-04	Residence	1.01E-07	0.10	0.00	9.19E-05	9.27E-05	9.35E-05	1.78E-05	9.16E-05	3.87E-04
606132	4121620	9.44E-05	9.51E-05	9.61E-05	1.24E-05	1.05E-04	4.03E-04	Residence	1.05E-07	0.10	0.00	9.44E-05	9.51E-05	9.61E-05	2.02E-05	9.69E-05	4.03E-04
606152	4121620	9.75E-05	9.83E-05	9.93E-05	1.43E-05	1.12E-04	4.21E-04	Residence	1.09E-07	0.11	0.00	9.75E-05	9.83E-05	9.93E-05	2.33E-05	1.03E-04	4.21E-04
606172	4121620	1.01E-04	1.02E-04	1.03E-04	1.68E-05	1.18E-04	4.42E-04	Residence	1.15E-07	0.11	0.00	1.01E-04	1.02E-04	1.03E-04	2.72E-05	1.09E-04	4.43E-04
606192	4121620	1.06E-04	1.07E-04	1.08E-04	1.98E-05	1.26E-04	4.67E-04	Residence	1.21E-07	0.12	0.00	1.06E-04	1.07E-04	1.08E-04	3.21E-05	1.16E-04	4.69E-04
606212	4121620	1.12E-04	1.13E-04	1.14E-04	2.34E-05	1.34E-04	4.96E-04	Residence	1.29E-07	0.13	0.00	1.12E-04	1.13E-04	1.14E-04	3.80E-05	1.24E-04	5.00E-04
606232	4121620	1.18E-04	1.19E-04	1.20E-04	2.76E-05	1.43E-04	5.28E-04	Residence	1.37E-07	0.14	0.00	1.18E-04	1.19E-04	1.20E-04	4.49E-05	1.32E-04	5.34E-04
606252	4121620	1.27E-04	1.28E-04	1.30E-04	3.24E-05	1.54E-04	5.72E-04	Residence	1.49E-07	0.15	0.00	1.27E-04	1.28E-04	1.30E-04	5.27E-05	1.42E-04	5.80E-04
606272	4121620	1.40E-04	1.41E-04	1.43E-04	3.79E-05	1.66E-04	6.28E-04	Residence	1.63E-07	0.16	0.00	1.40E-04	1.41E-04	1.43E-04	6.17E-05	1.52E-04	6.39E-04
606292	4121620	1.57E-04	1.58E-04	1.61E-04	4.41E-05	1.78E-04	6.98E-04	Residence	1.81E-07	0.18	0.00	1.57E-04	1.58E-04	1.61E-04	7.17E-05	1.64E-04	7.11E-04
606312	4121620	1.78E-04	1.80E-04	1.84E-04	5.09E-05	1.92E-04	7.86E-04	Residence	2.04E-07	0.20	0.00	1.78E-04	1.80E-04	1.84E-04	8.28E-05	1.77E-04	8.02E-04
606392	4121620	3.28E-04	3.36E-04	3.47E-04	7.61E-05	2.36E-04	1.32E-03	Worker	3.44E-07	0.34	0.00	3.28E-04	3.36E-04	3.47E-04	1.24E-04	2.17E-04	1.35E-03
606412	4121620	3.87E-04	3.98E-04	4.13E-04	7.96E-05	2.40E-04	1.52E-03	Worker	3.94E-07	0.39	0.00	3.87E-04	3.98E-04	4.13E-04	1.29E-04	2.21E-04	1.55E-03
606432	4121620	4.57E-04	4.72E-04	4.91E-04	8.16E-05	2.41E-04	1.74E-03	Worker	4.53E-07	0.45	0.00	4.57E-04	4.72E-04	4.91E-04	1.33E-04	2.22E-04	1.78E-03
606492	4121620	7.11E-04	7.37E-04	7.68E-04	8.04E-05	2.29E-04	2.53E-03	Residence	6.56E-07	0.66	0.00	7.11E-04	7.37E-04	7.68E-04	1.31E-04	2.11E-04	2.56E-03
606512	4121620	7.92E-04	8.21E-04	8.53E-04	7.84E-05	2.21E-04	2.77E-03	Residence	7.19E-07	0.72	0.00	7.92E-04	8.21E-04	8.53E-04	1.27E-04	2.04E-04	2.80E-03
606872	4121620	7.40E-04	7.40E-04	7.37E-04	2.99E-05	7.82E-05	2.33E-03	Santa Teresa Elementary School	6.04E-07	0.60	0.00	7.40E-04	7.40E-04	7.37E-04	4.87E-05	7.19E-05	2.34E-03
606892	4121620	7.08E-04	7.07E-04	7.04E-04	2.82E-05	7.38E-05	2.22E-03	Santa Teresa Elementary School	5.77E-07	0.58	0.00	7.08E-04	7.07E-04	7.04E-04	4.58E-05	6.79E-05	2.23E-03
606912	4121620	6.77E-04	6.76E-04	6.72E-04	2.66E-05	6.97E-05	2.12E-03	Santa Teresa Elementary School	5.51E-07	0.55	0.00	6.77E-04	6.76E-04	6.72E-04	4.32E-05	6.41E-05	2.13E-03
606932	4121620	6.47E-04	6.45E-04	6.41E-04	2.51E-05	6.59E-05	2.02E-03	Santa Teresa Elementary School	5.26E-07	0.53	0.00	6.47E-04	6.45E-04	6.41E-04	4.08E-05	6.07E-05	2.03E-03
606992	4121620	5.61E-04	5.58E-04	5.53E-04	2.11E-05	5.61E-05	1.75E-03	Residence	4.55E-07	0.45	0.00	5.61E-04	5.58E-04	5.53E-04	3.44E-05	5.16E-05	1.76E-03
607012	4121620	5.36E-04	5.32E-04	5.27E-04	2.00E-05	5.33E-05	1.67E-03	Residence	4.34E-07	0.43	0.00	5.36E-04	5.32E-04	5.27E-04	3.25E-05	4.90E-05	1.68E-03
607032	4121620	5.13E-04	5.09E-04	5.04E-04	1.90E-05	5.07E-05	1.60E-03	Residence	4.15E-07	0.41	0.00	5.13E-04	5.09E-04	5.04E-04	3.08E-05	4.66E-05	1.60E-03
607052	4121620	4.91E-04	4.87E-04	4.83E-04	1.80E-05	4.82E-05	1.53E-03	Residence	3.97E-07	0.40	0.00	4.91E-04	4.87E-04	4.83E-04	2.92E-05	4.44E-05	1.54E-03
605632	4121640	7.75E-05	7.84E-05	7.92E-05	4.21E-06	2.79E-05	2.67E-04	Residence	6.95E-08	0.07	0.00	7.75E-05	7.84E-05	7.92E-05	6.85E-06	2.57E-05	2.68E-04

605652	4121640	7.83E-05	7.92E-05	8.00E-05	4.30E-06	2.92E-05	2.71E-04	Residence	7.04E-08	0.07	0.00	7.83E-05	7.92E-05	8.00E-05	7.00E-06	2.69E-05	2.71E-04
605672	4121640	7.90E-05	7.99E-05	8.08E-05	4.40E-06	3.06E-05	2.75E-04	Residence	7.14E-08	0.07	0.00	7.90E-05	7.99E-05	8.08E-05	7.14E-06	2.81E-05	2.75E-04
605692	4121640	7.97E-05	8.07E-05	8.15E-05	4.49E-06	3.21E-05	2.78E-04	Residence	7.24E-08	0.07	0.00	7.97E-05	8.07E-05	8.15E-05	7.29E-06	2.95E-05	2.79E-04
605712	4121640	8.04E-05	8.14E-05	8.23E-05	4.58E-06	3.37E-05	2.82E-04	Residence	7.34E-08	0.07	0.00	8.04E-05	8.14E-05	8.23E-05	7.44E-06	3.10E-05	2.83E-04
605732	4121640	8.11E-05	8.21E-05	8.30E-05	4.67E-06	3.54E-05	2.86E-04	Residence	7.44E-08	0.07	0.00	8.11E-05	8.21E-05	8.30E-05	7.59E-06	3.26E-05	2.86E-04
605752	4121640	8.18E-05	8.28E-05	8.38E-05	4.77E-06	3.73E-05	2.90E-04	Residence	7.55E-08	0.08	0.00	8.18E-05	8.28E-05	8.38E-05	7.75E-06	3.43E-05	2.90E-04
605772	4121640	8.24E-05	8.34E-05	8.44E-05	4.86E-06	3.93E-05	2.94E-04	Residence	7.65E-08	0.08	0.00	8.24E-05	8.34E-05	8.44E-05	7.90E-06	3.62E-05	2.94E-04
605792	4121640	8.28E-05	8.39E-05	8.48E-05	4.96E-06	4.15E-05	2.98E-04	Residence	7.74E-08	0.08	0.00	8.28E-05	8.39E-05	8.48E-05	8.06E-06	3.82E-05	2.98E-04
605812	4121640	8.32E-05	8.43E-05	8.53E-05	5.06E-06	4.38E-05	3.02E-04	Residence	7.84E-08	0.08	0.00	8.32E-05	8.43E-05	8.53E-05	8.22E-06	4.03E-05	3.01E-04
605832	4121640	8.34E-05	8.45E-05	8.55E-05	5.16E-06	4.63E-05	3.05E-04	Residence	7.93E-08	0.08	0.00	8.34E-05	8.45E-05	8.55E-05	8.39E-06	4.26E-05	3.05E-04
605852	4121640	8.38E-05	8.49E-05	8.59E-05	5.28E-06	4.91E-05	3.09E-04	Residence	8.03E-08	0.08	0.00	8.38E-05	8.49E-05	8.59E-05	8.58E-06	4.51E-05	3.08E-04
605872	4121640	8.40E-05	8.51E-05	8.61E-05	5.40E-06	5.20E-05	3.13E-04	Residence	8.13E-08	0.08	0.00	8.40E-05	8.51E-05	8.61E-05	8.78E-06	4.78E-05	3.12E-04
605892	4121640	8.42E-05	8.52E-05	8.60E-05	5.54E-06	5.52E-05	3.16E-04	Residence	8.21E-08	0.08	0.00	8.42E-05	8.52E-05	8.60E-05	9.01E-06	5.07E-05	3.15E-04
605912	4121640	8.40E-05	8.50E-05	8.57E-05	5.71E-06	5.86E-05	3.19E-04	Residence	8.29E-08	0.08	0.00	8.40E-05	8.50E-05	8.57E-05	9.28E-06	5.39E-05	3.18E-04
605932	4121640	8.37E-05	8.46E-05	8.54E-05	5.91E-06	6.23E-05	3.22E-04	Residence	8.37E-08	0.08	0.00	8.37E-05	8.46E-05	8.54E-05	9.61E-06	5.73E-05	3.21E-04
605952	4121640	8.25E-05	8.34E-05	8.41E-05	6.15E-06	6.61E-05	3.22E-04	Residence	8.38E-08	0.08	0.00	8.25E-05	8.34E-05	8.41E-05	1.00E-05	6.08E-05	3.21E-04
605972	4121640	8.19E-05	8.28E-05	8.35E-05	6.46E-06	7.03E-05	3.25E-04	Residence	8.44E-08	0.08	0.00	8.19E-05	8.28E-05	8.35E-05	1.05E-05	6.46E-05	3.23E-04
605992	4121640	8.30E-05	8.38E-05	8.45E-05	6.86E-06	7.51E-05	3.33E-04	Residence	8.66E-08	0.09	0.00	8.30E-05	8.38E-05	8.45E-05	1.11E-05	6.91E-05	3.32E-04
606012	4121640	8.36E-05	8.44E-05	8.51E-05	7.35E-06	8.02E-05	3.41E-04	Residence	8.86E-08	0.09	0.00	8.36E-05	8.44E-05	8.51E-05	1.19E-05	7.38E-05	3.39E-04
606032	4121640	8.42E-05	8.49E-05	8.56E-05	7.95E-06	8.54E-05	3.48E-04	Residence	9.05E-08	0.09	0.00	8.42E-05	8.49E-05	8.56E-05	1.29E-05	7.86E-05	3.46E-04
606052	4121640	8.49E-05	8.56E-05	8.63E-05	8.67E-06	9.09E-05	3.56E-04	Residence	9.26E-08	0.09	0.00	8.49E-05	8.56E-05	8.63E-05	1.41E-05	8.37E-05	3.55E-04
606072	4121640	8.58E-05	8.65E-05	8.73E-05	9.54E-06	9.67E-05	3.66E-04	Residence	9.51E-08	0.10	0.00	8.58E-05	8.65E-05	8.73E-05	1.55E-05	8.89E-05	3.64E-04
606192	4121640	1.08E-04	1.09E-04	1.11E-04	2.23E-05	1.42E-04	4.92E-04	Worker	1.28E-07	0.13	0.00	1.08E-04	1.09E-04	1.11E-04	3.63E-05	1.31E-04	4.95E-04
606212	4121640	1.13E-04	1.14E-04	1.16E-04	2.67E-05	1.53E-04	5.23E-04	Residence	1.36E-07	0.14	0.00	1.13E-04	1.14E-04	1.16E-04	4.34E-05	1.40E-04	5.27E-04
606232	4121640	1.20E-04	1.21E-04	1.23E-04	3.18E-05	1.64E-04	5.59E-04	Residence	1.45E-07	0.15	0.00	1.20E-04	1.21E-04	1.23E-04	5.17E-05	1.51E-04	5.66E-04
606252	4121640	1.30E-04	1.31E-04	1.33E-04	3.78E-05	1.77E-04	6.08E-04	Residence	1.58E-07	0.16	0.00	1.30E-04	1.31E-04	1.33E-04	6.15E-05	1.63E-04	6.17E-04
606272	4121640	1.44E-04	1.45E-04	1.48E-04	4.48E-05	1.92E-04	6.73E-04	Residence	1.75E-07	0.18	0.00	1.44E-04	1.45E-04	1.48E-04	7.28E-05	1.76E-04	6.86E-04
606292	4121640	1.62E-04	1.64E-04	1.67E-04	5.26E-05	2.08E-04	7.54E-04	Residence	1.96E-07	0.20	0.00	1.62E-04	1.64E-04	1.67E-04	8.54E-05	1.91E-04	7.70E-04
606312	4121640	1.85E-04	1.88E-04	1.92E-04	6.09E-05	2.24E-04	8.50E-04	Residence	2.21E-07	0.22	0.00	1.85E-04	1.88E-04	1.92E-04	9.90E-05	2.06E-04	8.70E-04
606492	4121640	7.99E-04	8.31E-04	8.67E-04	8.87E-05	2.50E-04	2.84E-03	Residence	7.37E-07	0.74	0.00	7.99E-04	8.31E-04	8.67E-04	1.44E-04	2.30E-04	2.87E-03
606512	4121640	8.84E-04	9.18E-04	9.55E-04	8.57E-05	2.39E-04	3.08E-03	Residence	8.01E-07	0.80	0.00	8.84E-04	9.18E-04	9.55E-04	1.39E-04	2.20E-04	3.12E-03
606532	4121640	9.59E-04	9.93E-04	1.03E-03	8.23E-05	2.28E-04	3.29E-03	Residence	8.56E-07	0.86	0.00	9.59E-04	9.93E-04	1.03E-03	1.34E-04	2.09E-04	3.33E-03
606552	4121640	1.02E-03	1.05E-03	1.09E-03	7.86E-05	2.15E-04	3.45E-03	Residence	8.96E-07	0.90	0.00	1.02E-03	1.05E-03	1.09E-03	1.28E-04	1.98E-04	3.48E-03
606572	4121640	1.06E-03	1.09E-03	1.13E-03	7.49E-05	2.03E-04	3.56E-03	Residence	9.25E-07	0.92	0.00	1.06E-03	1.09E-03	1.13E-03	1.22E-04	1.87E-04	3.59E-03
606592	4121640	1.09E-03	1.12E-03	1.15E-03	7.10E-05	1.91E-04	3.62E-03	Residence	9.41E-07	0.94	0.00	1.09E-03	1.12E-03	1.15E-03	1.15E-04	1.76E-04	3.65E-03
606612	4121640	1.11E-03	1.13E-03	1.16E-03	6.72E-05	1.79E-04	3.65E-03	Residence	9.48E-07	0.95	0.00	1.11E-03	1.13E-03	1.16E-03	1.09E-04	1.65E-04	3.67E-03
606632	4121640	1.11E-03	1.13E-03	1.16E-03	6.34E-05	1.68E-04	3.63E-03	Residence	9.44E-07	0.94	0.00	1.11E-03	1.13E-03	1.16E-03	1.03E-04	1.54E-04	3.66E-03
606912	4121640	6.67E-04	6.63E-04	6.58E-04	2.59E-05	6.83E-05	2.08E-03	Santa Teresa Elementary School	5.41E-07	0.54	0.00	6.67E-04	6.63E-04	6.58E-04	4.21E-05	6.29E-05	2.09E-03
606932	4121640	6.35E-04	6.31E-04	6.25E-04	2.44E-05	6.45E-05	1.98E-03	Santa Teresa Elementary School	5.14E-07	0.51	0.00	6.35E-04	6.31E-04	6.25E-04	3.96E-05	5.94E-05	1.99E-03
606992	4121640	5.46E-04	5.42E-04	5.36E-04	2.05E-05	5.48E-05	1.70E-03	Residence	4.42E-07	0.44	0.00	5.46E-04	5.42E-04	5.36E-04	3.33E-05	5.04E-05	1.71E-03
607012	4121640	5.20E-04	5.16E-04	5.10E-04	1.93E-05	5.20E-05	1.62E-03	Residence	4.20E-07	0.42	0.00	5.20E-04	5.16E-04	5.10E-04	3.14E-05	4.78E-05	1.63E-03
607032	4121640	4.98E-04	4.93E-04	4.88E-04	1.83E-05	4.94E-05	1.55E-03	Residence	4.02E-07	0.40	0.00	4.98E-04	4.93E-04	4.88E-04	2.98E-05	4.55E-05	1.55E-03
607052	4121640	4.77E-04	4.72E-04	4.67E-04	1.74E-05	4.71E-05	1.48E-03	Residence	3.85E-07	0.38	0.00	4.77E-04	4.72E-04	4.67E-04	2.82E-05	4.33E-05	1.49E-03
605632	4121660	8.11E-05	8.21E-05	8.29E-05	4.57E-06	2.88E-05	2.79E-04	Residence	7.26E-08	0.07	0.00	8.11E-05	8.21E-05	8.29E-05	7.43E-06	2.65E-05	2.80E-04
605652	4121660	8.21E-05	8.31E-05	8.40E-05	4.68E-06	3.02E-05	2.84E-04	Residence	7.38E-08	0.07	0.00	8.21E-05	8.31E-05	8.40E-05	7.61E-06	2.78E-05	2.85E-04
605672	4121660	8.32E-05	8.42E-05	8.51E-05	4.80E-06	3.17E-05	2.89E-04	Residence	7.51E-08	0.08	0.00	8.32E-05	8.42E-05	8.51E-05	7.80E-06	2.91E-05	2.89E-04
605692	4121660	8.42E-05	8.52E-05	8.62E-05	4.91E-06	3.33E-05	2.94E-04	Residence	7.63E-08	0.08	0.00	8.42E-05	8.52E-05	8.62E-05	7.98E-06	3.06E-05	2.94E-04
605712	4121660	8.51E-05	8.62E-05	8.71E-05	5.03E-06	3.50E-05	2.98E-04	Residence	7.76E-08	0.08	0.00	8.51E-05	8.62E-05	8.71E-05	8.17E-06	3.22E-05	2.99E-04
605732	4121660	8.61E-05	8.72E-05	8.82E-05	5.14E-06	3.69E-05	3.03E-04	Residence	7.89E-08	0.08	0.00	8.61E-05	8.72E-05	8.82E-05	8.36E-06	3.39E-05	3.04E-04
605752	4121660	8.72E-05	8.83E-05	8.93E-05	5.26E-06	3.89E-05	3.09E-04	Residence	8.03E-08	0.08	0.00	8.72E-05	8.83E-05	8.93E-05	8.55E-06	3.58E-05	3.09E-04
605772	4121660	8.80E-05	8.92E-05	9.02E-05	5.38E-06	4.11E-05	3.14E-04	Residence	8.16E-08	0.08	0.00	8.80E-05	8.92E-05	9.02E-05	8.74E-06	3.78E-05	3.14E-04
605792	4121660	8.90E-05	9.02E-05	9.12E-05	5.50E-06	4.35E-05	3.19E-04	Residence	8.30E-08	0.08	0.00	8.90E-05	9.02E-05	9.12E-05	8.94E-06	4.00E-05	3.19E-04
605812	4121660	8.97E-05	9.10E-05	9.22E-05	5.62E-06	4.61E-05	3.25E-04	Residence	8.44E-08	0.08	0.00	8.97E-05	9.10E-05	9.22E-05	9.13E-06	4.24E-05	3.24E-04
605832	4121660	9.04E-05	9.17E-05	9.29E-05	5.75E-06	4.89E-05	3.30E-04	Residence	8.57E-08	0.09	0.00	9.04E-05	9.17E-05	9.29E-05	9.34E-06	4.50E-05	3.29E-04
605852	4121660	9.11E-05	9.24E-05	9.36E-05	5.88E-06	5.19E-05	3.35E-04	Residence	8.70E-08	0.09	0.00	9.11E-05	9.24E-05	9.36E-05	9.55E-06	4.78E-05	3.34E-04
605872	4121660	9.16E-05	9.28E-05	9.39E-05	6.02E-06	5.53E-05	3.40E-04	Residence	8.83E-08	0.09	0.00	9.16E-05	9.28E-05	9.39E-05	9.78E-06	5.08E-05	3.39E-04
605892	4121660	9.16E-05	9.29E-05	9.39E-05	6.18E-06	5.89E-05	3.43E-04	Residence	8.93E-08	0.09	0.00	9.16E-05	9.29E-05	9.39E-05	1.00E-05	5.42E-05	3.43E-04
605912	4121660	9.14E-05	9.25E-05	9.34E-05	6.35E-06	6.28E-05	3.47E-04	Residence	9.01E-08	0.09	0.00	9.14E-05	9.25E-05	9.34E-05	1.03E-05	5.78E-05	3.45E-04
605932	4121660	9.12E-05	9.23E-05	9.33E-05	6.56E-06	6.71E-05	3.51E-04	Residence	9.11E-08	0.09	0.00	9.12E-05	9.23E-05	9.33E-05	1.07E-05	6.17E-05	3.49E-04
605952	4121660	9.10E-05	9.21E-05	9.31E-05	6.82E-06	7.18E-05	3.55E-04	Residence	9.22E-08	0.09	0.00	9.10E-05	9.21E-05	9.31E-05	1.11E-05	6.60E-05	3.53E-04
605972	4121660	9.08E-05	9.19E-05	9.29E-05	7.13E-06	7.68E-05	3.60E-04	Residence	9.35E-08	0.09	0.00	9.08E-05	9.19E-05	9.29E-05	1.16E-05	7.07E-05	3.58E-04
605992	4121660	9.08E-05	9.19E-05	9.28E-05	7.53E-06	8.23E-05	3.65E-04	Residence	9.50E-08	0.09	0.00	9.08E-05	9.19E-05	9.28E-05	1.22E-05	7.57E-05	3.63E-04
606012	4121660	9.10E-05	9.21E-05	9.30E-05	8.03E-06	8.82E-05	3.72E-04	Residence	9.68E-08	0.10	0.00	9.10E-05	9.21E-05	9.30E-05	1.31E-05	8.11E-05	3.70E-04
606032	4121660	9.15E-05	9.25E-05	9.35E-05	8.67E-06	9.45E-05	3.81E-04	Residence	9.90E-08	0.10	0.00	9.15E-05	9.25E-05	9.35E-05	1.41E-05	8.70E-05	3.79E-04
606052	4121660	9.21E-05	9.32E-05	9.43E-05	9.47E-06	1.01E-04	3.90E-04	Residence	1.01E-07	0.10	0.00	9.21E-05	9.32E-05	9.43E-05	1.54E-05	9.32E-05	3.88E-04
606072	4121660	9.30E-05	9.41E-05	9.52E-05	1.04E-05	1.08E-04	4.01E-04	Residence	1.04E-07	0.10	0.00	9.30E-05	9.41E-05	9.52E-05	1.70E-05	9.97E-05	3.99E-04
606132	4121660	9.86E-05	9.98E-05	1.01E-04	1.51E-05	1.32E-04	4.47E-04	Worker	1.16E-07	0.12	0.00	9.86E-05	9.98E-05	1.01E-04	2.45E-05	1.22E-04	4.46E-04
606152	4121660	1.02E-04	1.03E-04	1.05E-04	1.76E-05	1.41E-04	4.69E-04	Worker	1.22E-07	0.12	0.00	1.02E-04	1.03E-04	1.05E-04	2.87E-05	1.30E-04	4.69E-04
606172	4121660	1.07E-04	1.08E-04	1.10E-04	2.11E-05	1.52E-04	4.97E-04	Worker	1.29E-07	0.13	0.00	1.07E-04	1.08E-04	1.10E-04	3.42E-05	1.39E-04	4.98E-04
606192	4121660	1.12E-04	1.13E-04	1.15E-04	2.54E-05	1.63E-04	5.28E-04	Worker	1.37E-07	0.14	0.00	1.12E-04	1.13E-04	1.15E-04	4.13E-05	1.50E-04	5.30E-04
606212	4121660	1.17E-04	1.19E-04	1.21E-04	3.09E-05	1.75E-04	5.64E-04	Residence	1.46E-07	0.15	0.00	1.17E-04	1.19E-04	1.21E-04	5.01E-05	1.61E-04	5.69E-04
606232	4121660	1.24E-04	1.26E-04	1.28E-04	3.73E-05	1.90E-04	6.06E-04	Residence	1.57E-07	0.16	0.00	1.24E-04	1.26E-04	1.28E-04	6.06E-05	1.75E-04	6.14E-04
606252	4121660	1.35E-04	1.36E-04	1.39E-04	4.49E-05	2.06E-04	6.61E-04	Residence	1.72E-07	0.17	0.00	1.35E-04	1.36E-04	1.39E-04	7.29E-05	1.90E-04	6.72E-04

606272	4121660	1.49E-04	1.51E-04	1.54E-04	5.36E-05	2.25E-04	7.31E-04	Residence	1.90E-07	0.19	0.00	1.49E-04	1.51E-04	1.54E-04	8.71E-05	2.07E-04	7.47E-04
606292	4121660	1.68E-04	1.70E-04	1.74E-04	6.35E-05	2.45E-04	8.21E-04	Residence	2.13E-07	0.21	0.00	1.68E-04	1.70E-04	1.74E-04	1.03E-04	2.26E-04	8.41E-04
606312	4121660	1.94E-04	1.97E-04	2.02E-04	7.39E-05	2.66E-04	9.33E-04	Residence	2.42E-07	0.24	0.00	1.94E-04	1.97E-04	2.02E-04	1.20E-04	2.44E-04	9.58E-04
606372	4121660	3.30E-04	3.38E-04	3.51E-04	1.00E-04	3.11E-04	1.43E-03	Worker	3.72E-07	0.37	0.00	3.30E-04	3.38E-04	3.51E-04	1.63E-04	2.86E-04	1.47E-03
606452	4121660	6.97E-04	7.26E-04	7.63E-04	1.05E-04	2.99E-04	2.59E-03	Worker	6.73E-07	0.67	0.00	6.97E-04	7.26E-04	7.63E-04	1.70E-04	2.75E-04	2.63E-03
606492	4121660	9.10E-04	9.49E-04	9.91E-04	9.77E-05	2.73E-04	3.22E-03	Residence	8.37E-07	0.84	0.00	9.10E-04	9.49E-04	9.91E-04	1.59E-04	2.51E-04	3.26E-03
606512	4121660	1.00E-03	1.04E-03	1.08E-03	9.34E-05	2.58E-04	3.47E-03	Residence	9.03E-07	0.90	0.00	1.00E-03	1.04E-03	1.08E-03	1.52E-04	2.37E-04	3.51E-03
606532	4121660	1.07E-03	1.11E-03	1.15E-03	8.87E-05	2.42E-04	3.67E-03	Residence	9.53E-07	0.95	0.00	1.07E-03	1.11E-03	1.15E-03	1.44E-04	2.23E-04	3.70E-03
606552	4121660	1.13E-03	1.16E-03	1.20E-03	8.40E-05	2.27E-04	3.80E-03	Residence	9.88E-07	0.99	0.00	1.13E-03	1.16E-03	1.20E-03	1.36E-04	2.09E-04	3.84E-03
606572	4121660	1.16E-03	1.20E-03	1.23E-03	7.92E-05	2.12E-04	3.88E-03	Residence	1.01E-06	1.01	0.00	1.16E-03	1.20E-03	1.23E-03	1.29E-04	1.95E-04	3.91E-03
606592	4121660	1.18E-03	1.21E-03	1.24E-03	7.44E-05	1.98E-04	3.91E-03	Residence	1.02E-06	1.02	0.00	1.18E-03	1.21E-03	1.24E-03	1.21E-04	1.82E-04	3.94E-03
606612	4121660	1.19E-03	1.22E-03	1.24E-03	6.98E-05	1.84E-04	3.90E-03	Residence	1.01E-06	1.01	0.00	1.19E-03	1.22E-03	1.24E-03	1.13E-04	1.69E-04	3.93E-03
606632	4121660	1.18E-03	1.20E-03	1.23E-03	6.52E-05	1.71E-04	3.85E-03	Residence	1.00E-06	1.00	0.00	1.18E-03	1.20E-03	1.23E-03	1.06E-04	1.58E-04	3.87E-03
606652	4121660	1.16E-03	1.18E-03	1.20E-03	6.09E-05	1.59E-04	3.76E-03	Residence	9.77E-07	0.98	0.00	1.16E-03	1.18E-03	1.20E-03	9.90E-05	1.46E-04	3.78E-03
606672	4121660	1.13E-03	1.15E-03	1.16E-03	5.68E-05	1.48E-04	3.65E-03	Residence	9.49E-07	0.95	0.00	1.13E-03	1.15E-03	1.16E-03	9.23E-05	1.36E-04	3.68E-03
606692	4121660	1.10E-03	1.11E-03	1.12E-03	5.29E-05	1.38E-04	3.53E-03	Residence	9.16E-07	0.92	0.00	1.10E-03	1.11E-03	1.12E-03	8.60E-05	1.27E-04	3.55E-03
606712	4121660	1.06E-03	1.07E-03	1.08E-03	4.93E-05	1.28E-04	3.39E-03	Residence	8.80E-07	0.88	0.00	1.06E-03	1.07E-03	1.08E-03	8.01E-05	1.18E-04	3.41E-03
606732	4121660	1.02E-03	1.03E-03	1.03E-03	4.59E-05	1.19E-04	3.24E-03	Residence	8.42E-07	0.84	0.00	1.02E-03	1.03E-03	1.03E-03	7.46E-05	1.10E-04	3.26E-03
606752	4121660	9.76E-04	9.80E-04	9.81E-04	4.28E-05	1.11E-04	3.09E-03	Residence	8.04E-07	0.80	0.00	9.76E-04	9.80E-04	9.81E-04	6.96E-05	1.02E-04	3.11E-03
606772	4121660	9.35E-04	9.37E-04	9.35E-04	3.99E-05	1.04E-04	2.95E-03	Residence	7.67E-07	0.77	0.00	9.35E-04	9.37E-04	9.35E-04	6.49E-05	9.57E-05	2.97E-03
606992	4121660	5.28E-04	5.23E-04	5.16E-04	1.97E-05	5.33E-05	1.64E-03	Residence	4.26E-07	0.43	0.00	5.28E-04	5.23E-04	5.16E-04	3.20E-05	4.91E-05	1.65E-03
607012	4121660	5.03E-04	4.97E-04	4.90E-04	1.86E-05	5.06E-05	1.56E-03	Residence	4.05E-07	0.41	0.00	5.03E-04	4.97E-04	4.90E-04	3.03E-05	4.66E-05	1.57E-03
607032	4121660	4.81E-04	4.75E-04	4.69E-04	1.76E-05	4.81E-05	1.49E-03	Residence	3.88E-07	0.39	0.00	4.81E-04	4.75E-04	4.69E-04	2.87E-05	4.43E-05	1.50E-03
607052	4121660	4.60E-04	4.55E-04	4.49E-04	1.67E-05	4.58E-05	1.43E-03	Residence	3.71E-07	0.37	0.00	4.60E-04	4.55E-04	4.49E-04	2.72E-05	4.21E-05	1.43E-03
605832	4121680	9.44E-05	9.57E-05	9.68E-05	6.42E-06	5.13E-05	3.45E-04	Residence	8.96E-08	0.09	0.00	9.44E-05	9.57E-05	9.68E-05	1.04E-05	4.72E-05	3.45E-04
605852	4121680	9.52E-05	9.66E-05	9.79E-05	6.58E-06	5.47E-05	3.51E-04	Residence	9.12E-08	0.09	0.00	9.52E-05	9.66E-05	9.79E-05	1.07E-05	5.03E-05	3.51E-04
605872	4121680	9.55E-05	9.69E-05	9.81E-05	6.75E-06	5.84E-05	3.56E-04	Residence	9.24E-08	0.09	0.00	9.55E-05	9.69E-05	9.81E-05	1.10E-05	5.37E-05	3.55E-04
605892	4121680	9.45E-05	9.58E-05	9.68E-05	6.93E-06	6.24E-05	3.56E-04	Residence	9.26E-08	0.09	0.00	9.45E-05	9.58E-05	9.68E-05	1.13E-05	5.74E-05	3.56E-04
605912	4121680	9.40E-05	9.52E-05	9.62E-05	7.12E-06	6.68E-05	3.59E-04	Residence	9.34E-08	0.09	0.00	9.40E-05	9.52E-05	9.62E-05	1.16E-05	6.14E-05	3.59E-04
605932	4121680	9.39E-05	9.51E-05	9.61E-05	7.34E-06	7.16E-05	3.64E-04	Residence	9.46E-08	0.09	0.00	9.39E-05	9.51E-05	9.61E-05	1.19E-05	6.59E-05	3.63E-04
605952	4121680	9.40E-05	9.52E-05	9.61E-05	7.61E-06	7.70E-05	3.70E-04	Residence	9.61E-08	0.10	0.00	9.40E-05	9.52E-05	9.61E-05	1.24E-05	7.09E-05	3.68E-04
605972	4121680	9.41E-05	9.53E-05	9.62E-05	7.93E-06	8.29E-05	3.76E-04	Residence	9.78E-08	0.10	0.00	9.41E-05	9.53E-05	9.62E-05	1.29E-05	7.63E-05	3.75E-04
605992	4121680	9.42E-05	9.53E-05	9.63E-05	8.33E-06	8.93E-05	3.83E-04	Residence	9.97E-08	0.10	0.00	9.42E-05	9.53E-05	9.63E-05	1.35E-05	8.22E-05	3.81E-04
606012	4121680	9.43E-05	9.55E-05	9.66E-05	8.85E-06	9.63E-05	3.92E-04	Residence	1.02E-07	0.10	0.00	9.43E-05	9.55E-05	9.66E-05	1.44E-05	8.86E-05	3.89E-04
606032	4121680	9.48E-05	9.59E-05	9.71E-05	9.52E-06	1.04E-04	4.01E-04	Residence	1.04E-07	0.10	0.00	9.48E-05	9.59E-05	9.71E-05	1.55E-05	9.55E-05	3.99E-04
606052	4121680	9.56E-05	9.67E-05	9.79E-05	1.04E-05	1.12E-04	4.13E-04	Residence	1.07E-07	0.11	0.00	9.56E-05	9.67E-05	9.79E-05	1.69E-05	1.03E-04	4.10E-04
606072	4121680	9.68E-05	9.80E-05	9.92E-05	1.15E-05	1.21E-04	4.26E-04	Residence	1.11E-07	0.11	0.00	9.68E-05	9.80E-05	9.92E-05	1.86E-05	1.11E-04	4.24E-04
606232	4121680	1.32E-04	1.34E-04	1.37E-04	4.45E-05	2.23E-04	6.70E-04	Worker	1.74E-07	0.17	0.00	1.32E-04	1.34E-04	1.37E-04	7.23E-05	2.06E-04	6.80E-04
606252	4121680	1.42E-04	1.45E-04	1.48E-04	5.43E-05	2.45E-04	7.34E-04	Worker	1.91E-07	0.19	0.00	1.42E-04	1.45E-04	1.48E-04	8.82E-05	2.25E-04	7.49E-04
606272	4121680	1.58E-04	1.61E-04	1.64E-04	6.58E-05	2.70E-04	8.18E-04	Worker	2.13E-07	0.21	0.00	1.58E-04	1.61E-04	1.64E-04	1.07E-04	2.48E-04	8.38E-04
606292	4121680	1.80E-04	1.83E-04	1.87E-04	7.85E-05	2.96E-04	9.24E-04	Worker	2.40E-07	0.24	0.00	1.80E-04	1.83E-04	1.87E-04	1.28E-04	2.72E-04	9.49E-04
606372	4121680	3.63E-04	3.74E-04	3.89E-04	1.20E-04	3.65E-04	1.61E-03	Worker	4.18E-07	0.42	0.00	3.63E-04	3.74E-04	3.89E-04	1.94E-04	3.36E-04	1.66E-03
606392	4121680	4.46E-04	4.62E-04	4.84E-04	1.23E-04	3.65E-04	1.88E-03	Worker	4.89E-07	0.49	0.00	4.46E-04	4.62E-04	4.84E-04	2.00E-04	3.36E-04	1.93E-03
606432	4121680	6.68E-04	6.98E-04	7.36E-04	1.21E-04	3.47E-04	2.57E-03	Residence	6.68E-07	0.67	0.00	6.68E-04	6.98E-04	7.36E-04	1.96E-04	3.19E-04	2.62E-03
606572	4121680	1.28E-03	1.32E-03	1.35E-03	8.30E-05	2.19E-04	4.25E-03	Residence	1.10E-06	1.10	0.00	1.28E-03	1.32E-03	1.35E-03	1.35E-04	2.02E-04	4.28E-03
606592	4121680	1.28E-03	1.32E-03	1.35E-03	7.72E-05	2.03E-04	4.23E-03	Residence	1.10E-06	1.10	0.00	1.28E-03	1.32E-03	1.35E-03	1.25E-04	1.87E-04	4.26E-03
606612	4121680	1.28E-03	1.30E-03	1.33E-03	7.17E-05	1.87E-04	4.17E-03	Residence	1.08E-06	1.08	0.00	1.28E-03	1.30E-03	1.33E-03	1.16E-04	1.72E-04	4.19E-03
606632	4121680	1.25E-03	1.28E-03	1.29E-03	6.64E-05	1.73E-04	4.06E-03	Residence	1.06E-06	1.06	0.00	1.25E-03	1.28E-03	1.29E-03	1.08E-04	1.59E-04	4.09E-03
606652	4121680	1.22E-03	1.24E-03	1.25E-03	6.15E-05	1.60E-04	3.93E-03	Residence	1.02E-06	1.02	0.00	1.22E-03	1.24E-03	1.25E-03	1.00E-04	1.47E-04	3.96E-03
606672	4121680	1.18E-03	1.19E-03	1.20E-03	5.69E-05	1.48E-04	3.78E-03	Residence	9.82E-07	0.98	0.00	1.18E-03	1.19E-03	1.20E-03	9.25E-05	1.36E-04	3.80E-03
606692	4121680	1.13E-03	1.14E-03	1.15E-03	5.27E-05	1.37E-04	3.61E-03	Residence	9.39E-07	0.94	0.00	1.13E-03	1.14E-03	1.15E-03	8.57E-05	1.26E-04	3.63E-03
606712	4121680	1.08E-03	1.09E-03	1.09E-03	4.88E-05	1.27E-04	3.44E-03	Residence	8.93E-07	0.89	0.00	1.08E-03	1.09E-03	1.09E-03	7.93E-05	1.17E-04	3.46E-03
606732	4121680	1.03E-03	1.03E-03	1.03E-03	4.52E-05	1.18E-04	3.26E-03	Residence	8.48E-07	0.85	0.00	1.03E-03	1.03E-03	1.03E-03	7.35E-05	1.08E-04	3.28E-03
606752	4121680	9.81E-04	9.81E-04	9.77E-04	4.20E-05	1.10E-04	3.09E-03	Residence	8.03E-07	0.80	0.00	9.81E-04	9.81E-04	9.77E-04	6.82E-05	1.01E-04	3.11E-03
606772	4121680	9.34E-04	9.32E-04	9.26E-04	3.90E-05	1.02E-04	2.93E-03	Residence	7.63E-07	0.76	0.00	9.34E-04	9.32E-04	9.26E-04	6.34E-05	9.39E-05	2.95E-03
606992	4121680	5.08E-04	5.01E-04	4.93E-04	1.89E-05	5.18E-05	1.57E-03	Residence	4.09E-07	0.41	0.00	5.08E-04	5.01E-04	4.93E-04	3.08E-05	4.76E-05	1.58E-03
607012	4121680	4.82E-04	4.76E-04	4.69E-04	1.79E-05	4.91E-05	1.49E-03	Residence	3.88E-07	0.39	0.00	4.82E-04	4.76E-04	4.69E-04	2.91E-05	4.52E-05	1.50E-03
607032	4121680	4.61E-04	4.55E-04	4.48E-04	1.69E-05	4.67E-05	1.43E-03	Residence	3.71E-07	0.37	0.00	4.61E-04	4.55E-04	4.48E-04	2.75E-05	4.30E-05	1.43E-03
607052	4121680	4.41E-04	4.35E-04	4.29E-04	1.60E-05	4.45E-05	1.37E-03	Residence	3.55E-07	0.35	0.00	4.41E-04	4.35E-04	4.29E-04	2.61E-05	4.09E-05	1.37E-03
605632	4121700	8.80E-05	8.91E-05	9.00E-05	5.36E-06	3.06E-05	3.03E-04	Residence	7.88E-08	0.08	0.00	8.80E-05	8.91E-05	9.00E-05	8.72E-06	2.81E-05	3.04E-04
605652	4121700	8.94E-05	9.05E-05	9.15E-05	5.53E-06	3.21E-05	3.09E-04	Residence	8.03E-08	0.08	0.00	8.94E-05	9.05E-05	9.15E-05	8.99E-06	2.96E-05	3.10E-04
605672	4121700	9.04E-05	9.15E-05	9.26E-05	5.70E-06	3.38E-05	3.14E-04	Residence	8.16E-08	0.08	0.00	9.04E-05	9.15E-05	9.26E-05	9.26E-06	3.11E-05	3.15E-04
605692	4121700	9.16E-05	9.27E-05	9.38E-05	5.87E-06	3.56E-05	3.20E-04	Residence	8.31E-08	0.08	0.00	9.16E-05	9.27E-05	9.38E-05	9.55E-06	3.28E-05	3.20E-04
605712	4121700	9.26E-05	9.39E-05	9.50E-05	6.05E-06	3.76E-05	3.25E-04	Residence	8.45E-08	0.08	0.00	9.26E-05	9.39E-05	9.50E-05	9.84E-06	3.46E-05	3.26E-04
605732	4121700	9.40E-05	9.53E-05	9.64E-05	6.24E-06	3.97E-05	3.32E-04	Residence	8.62E-08	0.09	0.00	9.40E-05	9.53E-05	9.64E-05	1.01E-05	3.66E-05	3.32E-04
605752	4121700	9.49E-05	9.62E-05	9.73E-05	6.43E-06	4.21E-05	3.37E-04	Residence	8.76E-08	0.09	0.00	9.49E-05	9.62E-05	9.73E-05	1.04E-05	3.87E-05	3.38E-04
605772	4121700	9.60E-05	9.74E-05	9.86E-05	6.62E-06	4.46E-05	3.43E-04	Residence	8.92E-08	0.09	0.00	9.60E-05	9.74E-05	9.86E-05	1.08E-05	4.11E-05	3.44E-04
605792	4121700	9.69E-05	9.82E-05	9.94E-05	6.81E-06	4.74E-05	3.49E-04	Residence	9.07E-08	0.09	0.00	9.69E-05	9.82E-05	9.94E-05	1.11E-05	4.36E-05	3.49E-04
605832	4121700	9.85E-05	9.99E-05	1.01E-04	7.21E-06	5.38E-05	3.61E-04	Residence	9.37E-08	0.09	0.00	9.85E-05	9.99E-05	1.01E-04	1.17E-05	4.95E-05	3.61E-04
605852	4121700	9.96E-05	1.01E-04	1.02E-04	7.41E-06	5.76E-05	3.68E-04	Residence	9.56E-08	0.10	0.00	9.96E-05	1.01E-04	1.02E-04	1.20E-05	5.30E-05	3.68E-04
605872	4121700	9.97E-05	1.01E-04	1.02E-04	7.62E-06	6.17E-05	3.73E-04	Residence	9.68E-08	0.10	0.00	9.97E-05	1.01E-04	1.02E-04	1.24E-05	5.67E-05	3.72E-04
605892	4121700	9.85E-05	9.98E-05	1.01E-04	7.84E-06	6.61E-05	3.73E-04	Residence	9.70E-08	0.10	0.00	9.85E-05	9.98E-05	1.01E-04	1.27E-05	6.08E-05	3.73E-04
605912	4121700	9.77E-05	9.91E-05	1.00E-04	8.06E-06	7.11E-05	3.76E-04	Residence	9.78E-08	0.10	0.00	9.77E-05	9.91E-05	1.00E-04	1.31E-05	6.54E-05	3.75E-04

605932	4121700	9.78E-05	9.91E-05	1.00E-04	8.31E-06	7.66E-05	3.82E-04	Residence	9.93E-08	0.10	0.00	9.78E-05	9.91E-05	1.00E-04	1.35E-05	7.05E-05	3.81E-04
605952	4121700	9.75E-05	9.88E-05	9.99E-05	8.60E-06	8.27E-05	3.87E-04	Residence	1.01E-07	0.10	0.00	9.75E-05	9.88E-05	9.99E-05	1.40E-05	7.61E-05	3.86E-04
605972	4121700	9.75E-05	9.88E-05	9.99E-05	8.93E-06	8.95E-05	3.95E-04	Residence	1.03E-07	0.10	0.00	9.75E-05	9.88E-05	9.99E-05	1.45E-05	8.24E-05	3.93E-04
605992	4121700	9.75E-05	9.88E-05	9.99E-05	9.35E-06	9.71E-05	4.03E-04	Residence	1.05E-07	0.10	0.00	9.75E-05	9.88E-05	9.99E-05	1.52E-05	8.93E-05	4.01E-04
606012	4121700	9.78E-05	9.90E-05	1.00E-04	9.88E-06	1.05E-04	4.12E-04	Residence	1.07E-07	0.11	0.00	9.78E-05	9.90E-05	1.00E-04	1.61E-05	9.69E-05	4.10E-04
606032	4121700	9.85E-05	9.98E-05	1.01E-04	1.06E-05	1.14E-04	4.24E-04	Residence	1.10E-07	0.11	0.00	9.85E-05	9.98E-05	1.01E-04	1.72E-05	1.05E-04	4.22E-04
606052	4121700	9.94E-05	1.01E-04	1.02E-04	1.15E-05	1.24E-04	4.38E-04	Residence	1.14E-07	0.11	0.00	9.94E-05	1.01E-04	1.02E-04	1.87E-05	1.14E-04	4.35E-04
606072	4121700	1.01E-04	1.02E-04	1.04E-04	1.27E-05	1.35E-04	4.54E-04	Residence	1.18E-07	0.12	0.00	1.01E-04	1.02E-04	1.04E-04	2.06E-05	1.24E-04	4.51E-04
606152	4121700	1.13E-04	1.15E-04	1.17E-04	2.24E-05	1.87E-04	5.53E-04	Worker	1.44E-07	0.14	0.00	1.13E-04	1.15E-04	1.17E-04	3.64E-05	1.72E-04	5.52E-04
606172	4121700	1.18E-04	1.20E-04	1.23E-04	2.75E-05	2.03E-04	5.91E-04	Worker	1.54E-07	0.15	0.00	1.18E-04	1.20E-04	1.23E-04	4.46E-05	1.86E-04	5.92E-04
606192	4121700	1.24E-04	1.26E-04	1.29E-04	3.42E-05	2.21E-04	6.33E-04	Worker	1.65E-07	0.16	0.00	1.24E-04	1.26E-04	1.29E-04	5.56E-05	2.03E-04	6.37E-04
606212	4121700	1.31E-04	1.33E-04	1.36E-04	4.30E-05	2.42E-04	6.85E-04	Worker	1.78E-07	0.18	0.00	1.31E-04	1.33E-04	1.36E-04	6.99E-05	2.23E-04	6.92E-04
606232	4121700	1.40E-04	1.42E-04	1.46E-04	5.39E-05	2.67E-04	7.48E-04	Worker	1.95E-07	0.19	0.00	1.40E-04	1.42E-04	1.46E-04	8.75E-05	2.45E-04	7.61E-04
606252	4121700	1.51E-04	1.54E-04	1.58E-04	6.69E-05	2.95E-04	8.25E-04	Worker	2.15E-07	0.21	0.00	1.51E-04	1.54E-04	1.58E-04	1.09E-04	2.72E-04	8.44E-04
606272	4121700	1.68E-04	1.71E-04	1.75E-04	8.20E-05	3.28E-04	9.24E-04	Worker	2.40E-07	0.24	0.00	1.68E-04	1.71E-04	1.75E-04	1.33E-04	3.02E-04	9.49E-04
606292	4121700	1.91E-04	1.95E-04	2.00E-04	9.86E-05	3.62E-04	1.05E-03	Worker	2.72E-07	0.27	0.00	1.91E-04	1.95E-04	2.00E-04	1.60E-04	3.33E-04	1.08E-03
606372	4121700	4.04E-04	4.19E-04	4.38E-04	1.43E-04	4.30E-04	1.83E-03	Worker	4.77E-07	0.48	0.00	4.04E-04	4.19E-04	4.38E-04	2.32E-04	3.96E-04	1.89E-03
606392	4121700	5.06E-04	5.27E-04	5.55E-04	1.44E-04	4.23E-04	2.16E-03	Worker	5.60E-07	0.56	0.00	5.06E-04	5.27E-04	5.55E-04	2.34E-04	3.89E-04	2.21E-03
606432	4121700	7.79E-04	8.19E-04	8.68E-04	1.37E-04	3.88E-04	2.99E-03	Residence	7.77E-07	0.78	0.00	7.79E-04	8.19E-04	8.68E-04	2.23E-04	3.57E-04	3.04E-03
606472	4121700	1.08E-03	1.13E-03	1.19E-03	1.24E-04	3.40E-04	3.86E-03	Residence	1.00E-06	1.00	0.00	1.08E-03	1.13E-03	1.19E-03	2.01E-04	3.13E-04	3.92E-03
606492	4121700	1.20E-03	1.25E-03	1.31E-03	1.16E-04	3.15E-04	4.20E-03	Residence	1.09E-06	1.09	0.00	1.20E-03	1.25E-03	1.31E-03	1.89E-04	2.90E-04	4.24E-03
606512	4121700	1.29E-03	1.35E-03	1.40E-03	1.08E-04	2.90E-04	4.44E-03	Residence	1.15E-06	1.15	0.00	1.29E-03	1.35E-03	1.40E-03	1.76E-04	2.67E-04	4.48E-03
606532	4121700	1.36E-03	1.41E-03	1.46E-03	1.01E-04	2.67E-04	4.59E-03	Residence	1.19E-06	1.19	0.00	1.36E-03	1.41E-03	1.46E-03	1.63E-04	2.46E-04	4.63E-03
606692	4121700	1.15E-03	1.16E-03	1.15E-03	5.19E-05	1.35E-04	3.65E-03	Residence	9.49E-07	0.95	0.00	1.15E-03	1.16E-03	1.15E-03	8.43E-05	1.24E-04	3.67E-03
606712	4121700	1.09E-03	1.09E-03	1.09E-03	4.78E-05	1.25E-04	3.45E-03	Residence	8.96E-07	0.90	0.00	1.09E-03	1.09E-03	1.09E-03	7.77E-05	1.15E-04	3.47E-03
606732	4121700	1.03E-03	1.03E-03	1.02E-03	4.41E-05	1.15E-04	3.25E-03	Residence	8.45E-07	0.84	0.00	1.03E-03	1.03E-03	1.02E-03	7.17E-05	1.06E-04	3.27E-03
606752	4121700	9.75E-04	9.70E-04	9.62E-04	4.08E-05	1.07E-04	3.05E-03	Residence	7.94E-07	0.79	0.00	9.75E-04	9.70E-04	9.62E-04	6.63E-05	9.85E-05	3.07E-03
606772	4121700	9.20E-04	9.14E-04	9.04E-04	3.78E-05	9.95E-05	2.88E-03	Residence	7.48E-07	0.75	0.00	9.20E-04	9.14E-04	9.04E-04	6.14E-05	9.15E-05	2.89E-03
606992	4121700	4.84E-04	4.77E-04	4.69E-04	1.81E-05	5.02E-05	1.50E-03	Residence	3.89E-07	0.39	0.00	4.84E-04	4.77E-04	4.69E-04	2.94E-05	4.62E-05	1.51E-03
607012	4121700	4.59E-04	4.53E-04	4.45E-04	1.71E-05	4.76E-05	1.42E-03	Residence	3.70E-07	0.37	0.00	4.59E-04	4.53E-04	4.45E-04	2.78E-05	4.38E-05	1.43E-03
607032	4121700	4.39E-04	4.32E-04	4.25E-04	1.62E-05	4.53E-05	1.36E-03	Residence	3.53E-07	0.35	0.00	4.39E-04	4.32E-04	4.25E-04	2.63E-05	4.17E-05	1.36E-03
607052	4121700	4.21E-04	4.15E-04	4.08E-04	1.54E-05	4.31E-05	1.30E-03	Residence	3.38E-07	0.34	0.00	4.21E-04	4.15E-04	4.08E-04	2.50E-05	3.97E-05	1.31E-03
605632	4121720	9.16E-05	9.28E-05	9.38E-05	5.80E-06	3.15E-05	3.16E-04	Residence	8.20E-08	0.08	0.00	9.16E-05	9.28E-05	9.38E-05	9.42E-06	2.90E-05	3.17E-04
605652	4121720	9.29E-05	9.41E-05	9.52E-05	6.00E-06	3.31E-05	3.21E-04	Residence	8.35E-08	0.08	0.00	9.29E-05	9.41E-05	9.52E-05	9.74E-06	3.05E-05	3.22E-04
605672	4121720	9.43E-05	9.56E-05	9.67E-05	6.20E-06	3.49E-05	3.28E-04	Residence	8.52E-08	0.09	0.00	9.43E-05	9.56E-05	9.67E-05	1.01E-05	3.21E-05	3.29E-04
605692	4121720	9.59E-05	9.72E-05	9.83E-05	6.42E-06	3.69E-05	3.35E-04	Residence	8.70E-08	0.09	0.00	9.59E-05	9.72E-05	9.83E-05	1.04E-05	3.39E-05	3.36E-04
605712	4121720	9.72E-05	9.85E-05	9.97E-05	6.64E-06	3.89E-05	3.41E-04	Residence	8.87E-08	0.09	0.00	9.72E-05	9.85E-05	9.97E-05	1.08E-05	3.58E-05	3.42E-04
605732	4121720	9.84E-05	9.98E-05	1.01E-04	6.87E-06	4.12E-05	3.47E-04	Residence	9.03E-08	0.09	0.00	9.84E-05	9.98E-05	1.01E-04	1.12E-05	3.79E-05	3.48E-04
605752	4121720	9.96E-05	1.01E-04	1.02E-04	7.10E-06	4.37E-05	3.54E-04	Residence	9.20E-08	0.09	0.00	9.96E-05	1.01E-04	1.02E-04	1.15E-05	4.02E-05	3.55E-04
605772	4121720	1.01E-04	1.02E-04	1.04E-04	7.35E-06	4.65E-05	3.60E-04	Residence	9.36E-08	0.09	0.00	1.01E-04	1.02E-04	1.04E-04	1.19E-05	4.28E-05	3.61E-04
605792	4121720	1.01E-04	1.03E-04	1.04E-04	7.60E-06	4.95E-05	3.65E-04	Residence	9.50E-08	0.09	0.00	1.01E-04	1.03E-04	1.04E-04	1.23E-05	4.55E-05	3.66E-04
605832	4121720	1.03E-04	1.04E-04	1.06E-04	8.11E-06	5.65E-05	3.78E-04	Residence	9.81E-08	0.10	0.00	1.03E-04	1.04E-04	1.06E-04	1.32E-05	5.20E-05	3.78E-04
605852	4121720	1.04E-04	1.06E-04	1.07E-04	8.38E-06	6.06E-05	3.86E-04	Residence	1.00E-07	0.10	0.00	1.04E-04	1.06E-04	1.07E-04	1.36E-05	5.57E-05	3.86E-04
605872	4121720	1.04E-04	1.06E-04	1.07E-04	8.65E-06	6.51E-05	3.91E-04	Residence	1.02E-07	0.10	0.00	1.04E-04	1.06E-04	1.07E-04	1.41E-05	5.99E-05	3.91E-04
605892	4121720	1.03E-04	1.04E-04	1.06E-04	8.93E-06	7.01E-05	3.92E-04	Residence	1.02E-07	0.10	0.00	1.03E-04	1.04E-04	1.06E-04	1.45E-05	6.45E-05	3.92E-04
605912	4121720	1.03E-04	1.04E-04	1.06E-04	9.22E-06	7.57E-05	3.98E-04	Residence	1.03E-07	0.10	0.00	1.03E-04	1.04E-04	1.06E-04	1.50E-05	6.97E-05	3.98E-04
605932	4121720	1.03E-04	1.05E-04	1.06E-04	9.52E-06	8.20E-05	4.05E-04	Residence	1.05E-07	0.11	0.00	1.03E-04	1.05E-04	1.06E-04	1.55E-05	7.55E-05	4.05E-04
605952	4121720	1.03E-04	1.04E-04	1.06E-04	9.85E-06	8.90E-05	4.12E-04	Residence	1.07E-07	0.11	0.00	1.03E-04	1.04E-04	1.06E-04	1.60E-05	8.19E-05	4.11E-04
605972	4121720	1.02E-04	1.04E-04	1.05E-04	1.02E-05	9.69E-05	4.19E-04	Residence	1.09E-07	0.11	0.00	1.02E-04	1.04E-04	1.05E-04	1.66E-05	8.91E-05	4.18E-04
605992	4121720	1.02E-04	1.04E-04	1.05E-04	1.07E-05	1.06E-04	4.28E-04	Residence	1.11E-07	0.11	0.00	1.02E-04	1.04E-04	1.05E-04	1.73E-05	9.72E-05	4.26E-04
606012	4121720	1.02E-04	1.04E-04	1.05E-04	1.12E-05	1.16E-04	4.39E-04	Residence	1.14E-07	0.11	0.00	1.02E-04	1.04E-04	1.05E-04	1.82E-05	1.06E-04	4.36E-04
606032	4121720	1.03E-04	1.05E-04	1.06E-04	1.19E-05	1.26E-04	4.52E-04	Residence	1.17E-07	0.12	0.00	1.03E-04	1.05E-04	1.06E-04	1.94E-05	1.16E-04	4.49E-04
606052	4121720	1.03E-04	1.05E-04	1.07E-04	1.29E-05	1.39E-04	4.67E-04	Residence	1.21E-07	0.12	0.00	1.03E-04	1.05E-04	1.07E-04	2.09E-05	1.27E-04	4.64E-04
606072	4121720	1.05E-04	1.07E-04	1.08E-04	1.42E-05	1.52E-04	4.86E-04	Residence	1.26E-07	0.13	0.00	1.05E-04	1.07E-04	1.08E-04	2.30E-05	1.40E-04	4.83E-04
606132	4121720	1.15E-04	1.17E-04	1.19E-04	2.13E-05	2.00E-04	5.71E-04	Worker	1.48E-07	0.15	0.00	1.15E-04	1.17E-04	1.19E-04	3.45E-05	1.84E-04	5.68E-04
606152	4121720	1.19E-04	1.22E-04	1.24E-04	2.56E-05	2.18E-04	6.09E-04	Worker	1.58E-07	0.16	0.00	1.19E-04	1.22E-04	1.24E-04	4.16E-05	2.01E-04	6.07E-04
606172	4121720	1.25E-04	1.28E-04	1.31E-04	3.18E-05	2.39E-04	6.55E-04	Worker	1.70E-07	0.17	0.00	1.25E-04	1.28E-04	1.31E-04	5.18E-05	2.20E-04	6.56E-04
606192	4121720	1.32E-04	1.35E-04	1.38E-04	4.05E-05	2.63E-04	7.08E-04	Worker	1.84E-07	0.18	0.00	1.32E-04	1.35E-04	1.38E-04	6.59E-05	2.42E-04	7.13E-04
606212	4121720	1.40E-04	1.43E-04	1.47E-04	5.21E-05	2.91E-04	7.73E-04	Worker	2.01E-07	0.20	0.00	1.40E-04	1.43E-04	1.47E-04	8.47E-05	2.68E-04	7.82E-04
606232	4121720	1.50E-04	1.53E-04	1.58E-04	6.67E-05	3.25E-04	8.52E-04	Worker	2.21E-07	0.22	0.00	1.50E-04	1.53E-04	1.58E-04	1.08E-04	2.99E-04	8.68E-04
606252	4121720	1.62E-04	1.67E-04	1.72E-04	8.44E-05	3.64E-04	9.49E-04	Worker	2.47E-07	0.25	0.00	1.62E-04	1.67E-04	1.72E-04	1.37E-04	3.35E-04	9.73E-04
606272	4121720	1.80E-04	1.84E-04	1.90E-04	1.05E-04	4.08E-04	1.07E-03	Worker	2.77E-07	0.28	0.00	1.80E-04	1.84E-04	1.90E-04	1.70E-04	3.75E-04	1.10E-03
606292	4121720	2.06E-04	2.11E-04	2.18E-04	1.26E-04	4.52E-04	1.21E-03	Worker	3.15E-07	0.32	0.00	2.06E-04	2.11E-04	2.18E-04	2.05E-04	4.16E-04	1.25E-03
606372	4121720	4.59E-04	4.78E-04	5.04E-04	1.71E-04	5.07E-04	2.12E-03	Worker	5.51E-07	0.55	0.00	4.59E-04	4.78E-04	5.04E-04	2.78E-04	4.67E-04	2.19E-03
606392	4121720	5.87E-04	6.15E-04	6.53E-04	1.69E-04	4.89E-04	2.51E-03	Worker	6.53E-07	0.65	0.00	5.87E-04	6.15E-04	6.53E-04	2.75E-04	4.50E-04	2.58E-03
606432	4121720	9.24E-04	9.77E-04	1.04E-03	1.54E-04	4.29E-04	3.53E-03	Residence	9.16E-07	0.92	0.00	9.24E-04	9.77E-04	1.04E-03	2.51E-04	3.95E-04	3.59E-03
606472	4121720	1.26E-03	1.33E-03	1.40E-03	1.35E-04	3.63E-04	4.48E-03	Residence	1.17E-06	1.17	0.00	1.26E-03	1.33E-03	1.40E-03	2.19E-04	3.34E-04	4.54E-03
606492	4121720	1.38E-03	1.45E-03	1.51E-03	1.24E-04	3.31E-04	4.79E-03	Residence	1.25E-06	1.25	0.00	1.38E-03	1.45E-03	1.51E-03	2.02E-04	3.05E-04	4.84E-03
606512	4121720	1.46E-03	1.52E-03	1.58E-03	1.14E-04	3.01E-04	4.98E-03	Residence	1.29E-06	1.29	0.00	1.46E-03	1.52E-03	1.58E-03	1.85E-04	2.77E-04	5.02E-03
606532	4121720	1.51E-03	1.57E-03	1.61E-03	1.05E-04	2.74E-04	5.07E-03	Residence	1.32E-06	1.32	0.00	1.51E-03	1.57E-03	1.61E-03	1.70E-04	2.52E-04	5.12E-03
606552	4121720	1.52E-03	1.57E-03	1.60E-03	9.54E-05	2.49E-04	5.04E-03	Residence	1.31E-06	1.31	0.00	1.52E-03	1.57E-03	1.60E-03	1.55E-04	2.29E-04	5.08E-03
606572	4121720	1.50E-03	1.54E-03	1.56E-03	8.69E-05	2.26E-04	4.92E-03	Residence	1.28E-06	1.28	0.00	1.50E-03	1.54E-03	1.56E-03	1.41E-04	2.08E-04	4.95E-03
606592	4121720	1.47E-03	1.49E-03	1.51E-03	7.92E-05	2.05E-04	4.76E-03	Residence	1.24E-06	1.24	0.00	1.47E-03	1.49E-03	1.51E-03	1.29E-04	1.89E-04	4.79E-03

606612	4121720	1.42E-03	1.44E-03	1.45E-03	7.23E-05	1.87E-04	4.57E-03	Residence	1.19E-06	1.19	0.00	1.42E-03	1.44E-03	1.45E-03	1.17E-04	1.72E-04	4.60E-03
606632	4121720	1.36E-03	1.37E-03	1.37E-03	6.59E-05	1.71E-04	4.35E-03	Residence	1.13E-06	1.13	0.00	1.36E-03	1.37E-03	1.37E-03	1.07E-04	1.57E-04	4.37E-03
606652	4121720	1.29E-03	1.30E-03	1.29E-03	6.02E-05	1.56E-04	4.10E-03	Residence	1.07E-06	1.07	0.00	1.29E-03	1.30E-03	1.29E-03	9.78E-05	1.44E-04	4.13E-03
606672	4121720	1.22E-03	1.22E-03	1.22E-03	5.50E-05	1.43E-04	3.86E-03	Residence	1.00E-06	1.00	0.00	1.22E-03	1.22E-03	1.22E-03	8.94E-05	1.32E-04	3.88E-03
606692	4121720	1.15E-03	1.15E-03	1.14E-03	5.04E-05	1.32E-04	3.63E-03	Residence	9.43E-07	0.94	0.00	1.15E-03	1.15E-03	1.14E-03	8.19E-05	1.21E-04	3.65E-03
606712	4121720	1.08E-03	1.08E-03	1.07E-03	4.63E-05	1.21E-04	3.40E-03	Residence	8.83E-07	0.88	0.00	1.08E-03	1.08E-03	1.07E-03	7.52E-05	1.12E-04	3.42E-03
606732	4121720	1.02E-03	1.01E-03	9.96E-04	4.25E-05	1.12E-04	3.18E-03	Residence	8.25E-07	0.83	0.00	1.02E-03	1.01E-03	9.96E-04	6.91E-05	1.03E-04	3.19E-03
606752	4121720	9.53E-04	9.43E-04	9.30E-04	3.92E-05	1.04E-04	2.97E-03	Residence	7.72E-07	0.77	0.00	9.53E-04	9.43E-04	9.30E-04	6.37E-05	9.55E-05	2.99E-03
606772	4121720	8.94E-04	8.83E-04	8.70E-04	3.62E-05	9.64E-05	2.78E-03	Residence	7.22E-07	0.72	0.00	8.94E-04	8.83E-04	8.70E-04	5.89E-05	8.87E-05	2.79E-03
606992	4121720	4.59E-04	4.51E-04	4.43E-04	1.73E-05	4.85E-05	1.42E-03	Residence	3.69E-07	0.37	0.00	4.59E-04	4.51E-04	4.43E-04	2.81E-05	4.46E-05	1.43E-03
607012	4121720	4.37E-04	4.29E-04	4.22E-04	1.63E-05	4.61E-05	1.35E-03	Residence	3.51E-07	0.35	0.00	4.37E-04	4.29E-04	4.22E-04	2.66E-05	4.24E-05	1.36E-03
607032	4121720	4.18E-04	4.11E-04	4.04E-04	1.55E-05	4.38E-05	1.29E-03	Residence	3.36E-07	0.34	0.00	4.18E-04	4.11E-04	4.04E-04	2.52E-05	4.03E-05	1.30E-03
607052	4121720	3.99E-04	3.93E-04	3.86E-04	1.47E-05	4.18E-05	1.23E-03	Residence	3.21E-07	0.32	0.00	3.99E-04	3.93E-04	3.86E-04	2.39E-05	3.84E-05	1.24E-03
605632	4121740	9.49E-05	9.61E-05	9.73E-05	6.26E-06	3.25E-05	3.27E-04	Residence	8.50E-08	0.09	0.00	9.49E-05	9.61E-05	9.73E-05	1.02E-05	2.99E-05	3.28E-04
605652	4121740	9.62E-05	9.75E-05	9.86E-05	6.49E-06	3.42E-05	3.33E-04	Residence	8.65E-08	0.09	0.00	9.62E-05	9.75E-05	9.86E-05	1.05E-05	3.14E-05	3.34E-04
605672	4121740	9.80E-05	9.93E-05	1.00E-04	6.74E-06	3.61E-05	3.41E-04	Residence	8.85E-08	0.09	0.00	9.80E-05	9.93E-05	1.00E-04	1.09E-05	3.32E-05	3.42E-04
605692	4121740	9.99E-05	1.01E-04	1.03E-04	7.00E-06	3.81E-05	3.49E-04	Residence	9.07E-08	0.09	0.00	9.99E-05	1.01E-04	1.03E-04	1.14E-05	3.51E-05	3.50E-04
605712	4121740	1.01E-04	1.03E-04	1.04E-04	7.27E-06	4.03E-05	3.56E-04	Residence	9.25E-08	0.09	0.00	1.01E-04	1.03E-04	1.04E-04	1.18E-05	3.71E-05	3.57E-04
605732	4121740	1.02E-04	1.04E-04	1.05E-04	7.55E-06	4.28E-05	3.61E-04	Residence	9.39E-08	0.09	0.00	1.02E-04	1.04E-04	1.05E-04	1.23E-05	3.93E-05	3.62E-04
605752	4121740	1.04E-04	1.05E-04	1.06E-04	7.84E-06	4.54E-05	3.68E-04	Residence	9.58E-08	0.10	0.00	1.04E-04	1.05E-04	1.06E-04	1.27E-05	4.18E-05	3.70E-04
605772	4121740	1.05E-04	1.07E-04	1.08E-04	8.15E-06	4.84E-05	3.77E-04	Residence	9.81E-08	0.10	0.00	1.05E-04	1.07E-04	1.08E-04	1.32E-05	4.45E-05	3.79E-04
605792	4121740	1.06E-04	1.08E-04	1.09E-04	8.47E-06	5.16E-05	3.83E-04	Residence	9.95E-08	0.10	0.00	1.06E-04	1.08E-04	1.09E-04	1.38E-05	4.75E-05	3.84E-04
605832	4121740	1.08E-04	1.09E-04	1.11E-04	9.15E-06	5.92E-05	3.96E-04	Residence	1.03E-07	0.10	0.00	1.08E-04	1.09E-04	1.11E-04	1.49E-05	5.45E-05	3.97E-04
605852	4121740	1.09E-04	1.11E-04	1.12E-04	9.50E-06	6.37E-05	4.05E-04	Residence	1.05E-07	0.11	0.00	1.09E-04	1.11E-04	1.12E-04	1.54E-05	5.86E-05	4.06E-04
605872	4121740	1.09E-04	1.11E-04	1.12E-04	9.86E-06	6.87E-05	4.10E-04	Residence	1.07E-07	0.11	0.00	1.09E-04	1.11E-04	1.12E-04	1.60E-05	6.32E-05	4.11E-04
605892	4121740	1.07E-04	1.09E-04	1.10E-04	1.02E-05	7.42E-05	4.11E-04	Residence	1.07E-07	0.11	0.00	1.07E-04	1.09E-04	1.10E-04	1.66E-05	6.83E-05	4.12E-04
605912	4121740	1.07E-04	1.09E-04	1.10E-04	1.06E-05	8.05E-05	4.18E-04	Residence	1.09E-07	0.11	0.00	1.07E-04	1.09E-04	1.10E-04	1.73E-05	7.41E-05	4.18E-04
605932	4121740	1.08E-04	1.10E-04	1.11E-04	1.10E-05	8.77E-05	4.27E-04	Residence	1.11E-07	0.11	0.00	1.08E-04	1.10E-04	1.11E-04	1.79E-05	8.07E-05	4.27E-04
605952	4121740	1.08E-04	1.09E-04	1.11E-04	1.14E-05	9.57E-05	4.35E-04	Residence	1.13E-07	0.11	0.00	1.08E-04	1.09E-04	1.11E-04	1.86E-05	8.81E-05	4.34E-04
605972	4121740	1.07E-04	1.09E-04	1.11E-04	1.19E-05	1.05E-04	4.44E-04	Worker	1.15E-07	0.12	0.00	1.07E-04	1.09E-04	1.11E-04	1.93E-05	9.64E-05	4.43E-04
605992	4121740	1.07E-04	1.09E-04	1.11E-04	1.24E-05	1.15E-04	4.54E-04	Worker	1.18E-07	0.12	0.00	1.07E-04	1.09E-04	1.11E-04	2.01E-05	1.06E-04	4.53E-04
606012	4121740	1.07E-04	1.09E-04	1.11E-04	1.30E-05	1.27E-04	4.67E-04	Worker	1.21E-07	0.12	0.00	1.07E-04	1.09E-04	1.11E-04	2.11E-05	1.17E-04	4.65E-04
606032	4121740	1.08E-04	1.10E-04	1.11E-04	1.37E-05	1.40E-04	4.83E-04	Worker	1.26E-07	0.13	0.00	1.08E-04	1.10E-04	1.11E-04	2.23E-05	1.29E-04	4.80E-04
606052	4121740	1.09E-04	1.11E-04	1.13E-04	1.47E-05	1.55E-04	5.02E-04	Worker	1.31E-07	0.13	0.00	1.09E-04	1.11E-04	1.13E-04	2.39E-05	1.43E-04	4.99E-04
606072	4121740	1.10E-04	1.12E-04	1.14E-04	1.61E-05	1.72E-04	5.25E-04	Worker	1.36E-07	0.14	0.00	1.10E-04	1.12E-04	1.14E-04	2.62E-05	1.58E-04	5.21E-04
606392	4121740	6.97E-04	7.37E-04	7.90E-04	1.97E-04	5.59E-04	2.98E-03	Worker	7.74E-07	0.77	0.00	6.97E-04	7.37E-04	7.90E-04	3.20E-04	5.14E-04	3.06E-03
606432	4121740	1.12E-03	1.19E-03	1.27E-03	1.72E-04	4.68E-04	4.21E-03	Residence	1.10E-06	1.10	0.00	1.12E-03	1.19E-03	1.27E-03	2.79E-04	4.31E-04	4.28E-03
606472	4121740	1.48E-03	1.56E-03	1.64E-03	1.44E-04	3.82E-04	5.21E-03	Residence	1.35E-06	1.35	0.00	1.48E-03	1.56E-03	1.64E-03	2.34E-04	3.51E-04	5.27E-03
606492	4121740	1.59E-03	1.66E-03	1.73E-03	1.30E-04	3.42E-04	5.46E-03	Residence	1.42E-06	1.42	0.00	1.59E-03	1.66E-03	1.73E-03	2.12E-04	3.15E-04	5.51E-03
606512	4121740	1.65E-03	1.71E-03	1.77E-03	1.18E-04	3.07E-04	5.56E-03	Residence	1.44E-06	1.44	0.00	1.65E-03	1.71E-03	1.77E-03	1.92E-04	2.83E-04	5.61E-03
606532	4121740	1.67E-03	1.72E-03	1.76E-03	1.07E-04	2.76E-04	5.54E-03	Residence	1.44E-06	1.44	0.00	1.67E-03	1.72E-03	1.76E-03	1.73E-04	2.54E-04	5.59E-03
606552	4121740	1.65E-03	1.69E-03	1.71E-03	9.60E-05	2.48E-04	5.39E-03	Residence	1.40E-06	1.40	0.00	1.65E-03	1.69E-03	1.71E-03	1.56E-04	2.29E-04	5.43E-03
606572	4121740	1.59E-03	1.62E-03	1.63E-03	8.64E-05	2.24E-04	5.16E-03	Residence	1.34E-06	1.34	0.00	1.59E-03	1.62E-03	1.63E-03	1.40E-04	2.06E-04	5.19E-03
606592	4121740	1.53E-03	1.54E-03	1.55E-03	7.81E-05	2.02E-04	4.90E-03	Residence	1.27E-06	1.27	0.00	1.53E-03	1.54E-03	1.55E-03	1.27E-04	1.86E-04	4.93E-03
606612	4121740	1.46E-03	1.46E-03	1.46E-03	7.07E-05	1.83E-04	4.64E-03	Residence	1.21E-06	1.21	0.00	1.46E-03	1.46E-03	1.46E-03	1.15E-04	1.69E-04	4.67E-03
606632	4121740	1.37E-03	1.37E-03	1.36E-03	6.40E-05	1.67E-04	4.34E-03	Residence	1.13E-06	1.13	0.00	1.37E-03	1.37E-03	1.36E-03	1.04E-04	1.53E-04	4.36E-03
606652	4121740	1.28E-03	1.28E-03	1.27E-03	5.81E-05	1.52E-04	4.04E-03	Residence	1.05E-06	1.05	0.00	1.28E-03	1.28E-03	1.27E-03	9.44E-05	1.40E-04	4.06E-03
606672	4121740	1.20E-03	1.19E-03	1.17E-03	5.28E-05	1.39E-04	3.75E-03	Residence	9.75E-07	0.97	0.00	1.20E-03	1.19E-03	1.17E-03	8.59E-05	1.28E-04	3.77E-03
606692	4121740	1.12E-03	1.11E-03	1.10E-03	4.83E-05	1.27E-04	3.51E-03	Residence	9.12E-07	0.91	0.00	1.12E-03	1.11E-03	1.10E-03	7.85E-05	1.17E-04	3.53E-03
606712	4121740	1.05E-03	1.03E-03	1.02E-03	4.42E-05	1.17E-04	3.26E-03	Residence	8.47E-07	0.85	0.00	1.05E-03	1.03E-03	1.02E-03	7.18E-05	1.08E-04	3.28E-03
606732	4121740	9.72E-04	9.58E-04	9.40E-04	4.05E-05	1.08E-04	3.02E-03	Residence	7.85E-07	0.78	0.00	9.72E-04	9.58E-04	9.40E-04	6.58E-05	9.93E-05	3.04E-03
606752	4121740	9.05E-04	8.90E-04	8.73E-04	3.73E-05	9.98E-05	2.81E-03	Residence	7.29E-07	0.73	0.00	9.05E-04	8.90E-04	8.73E-04	6.06E-05	9.19E-05	2.82E-03
606772	4121740	8.51E-04	8.37E-04	8.20E-04	3.44E-05	9.28E-05	2.63E-03	Residence	6.85E-07	0.68	0.00	8.51E-04	8.37E-04	8.20E-04	5.60E-05	8.53E-05	2.65E-03
606792	4121740	7.92E-04	7.78E-04	7.62E-04	3.18E-05	8.62E-05	2.45E-03	Residence	6.37E-07	0.64	0.00	7.92E-04	7.78E-04	7.62E-04	5.17E-05	7.93E-05	2.46E-03
606812	4121740	7.38E-04	7.24E-04	7.09E-04	2.95E-05	8.03E-05	2.28E-03	Residence	5.93E-07	0.59	0.00	7.38E-04	7.24E-04	7.09E-04	4.79E-05	7.39E-05	2.29E-03
606832	4121740	6.91E-04	6.78E-04	6.63E-04	2.74E-05	7.50E-05	2.13E-03	Residence	5.55E-07	0.55	0.00	6.91E-04	6.78E-04	6.63E-04	4.45E-05	6.90E-05	2.15E-03
606852	4121740	6.47E-04	6.34E-04	6.21E-04	2.55E-05	7.03E-05	2.00E-03	Residence	5.19E-07	0.52	0.00	6.47E-04	6.34E-04	6.21E-04	4.15E-05	6.46E-05	2.01E-03
606872	4121740	6.08E-04	5.97E-04	5.84E-04	2.38E-05	6.60E-05	1.88E-03	Residence	4.88E-07	0.49	0.00	6.08E-04	5.97E-04	5.84E-04	3.87E-05	6.07E-05	1.89E-03
606892	4121740	5.72E-04	5.61E-04	5.50E-04	2.23E-05	6.20E-05	1.77E-03	Residence	4.59E-07	0.46	0.00	5.72E-04	5.61E-04	5.50E-04	3.62E-05	5.71E-05	1.78E-03
606912	4121740	5.40E-04	5.29E-04	5.18E-04	2.09E-05	5.84E-05	1.67E-03	Residence	4.33E-07	0.43	0.00	5.40E-04	5.29E-04	5.18E-04	3.40E-05	5.38E-05	1.67E-03
606932	4121740	5.10E-04	5.00E-04	4.90E-04	1.97E-05	5.52E-05	1.57E-03	Residence	4.09E-07	0.41	0.00	5.10E-04	5.00E-04	4.90E-04	3.19E-05	5.07E-05	1.58E-03
606952	4121740	4.82E-04	4.73E-04	4.64E-04	1.85E-05	5.22E-05	1.49E-03	Residence	3.87E-07	0.39	0.00	4.82E-04	4.73E-04	4.64E-04	3.01E-05	4.80E-05	1.50E-03
606992	4121740	4.36E-04	4.28E-04	4.20E-04	1.65E-05	4.69E-05	1.35E-03	Residence	3.50E-07	0.35	0.00	4.36E-04	4.28E-04	4.20E-04	2.68E-05	4.31E-05	1.35E-03
607012	4121740	4.15E-04	4.07E-04	4.00E-04	1.56E-05	4.46E-05	1.28E-03	Residence	3.33E-07	0.33	0.00	4.15E-04	4.07E-04	4.00E-04	2.53E-05	4.10E-05	1.29E-03
607032	4121740	3.95E-04	3.88E-04	3.81E-04	1.48E-05	4.24E-05	1.22E-03	Residence	3.17E-07	0.32	0.00	3.95E-04	3.88E-04	3.81E-04	2.40E-05	3.90E-05	1.23E-03
607052	4121740	3.77E-04	3.70E-04	3.64E-04	1.40E-05	4.04E-05	1.17E-03	Residence	3.03E-07	0.30	0.00	3.77E-04	3.70E-04	3.64E-04	2.28E-05	3.72E-05	1.17E-03
605632	4121760	9.89E-05	1.00E-04	1.01E-04	6.75E-06	3.35E-05	3.41E-04	Residence	8.86E-08	0.09	0.00	9.89E-05	1.00E-04	1.01E-04	1.10E-05	3.08E-05	3.42E-04
605672	4121760	1.02E-04	1.03E-04	1.04E-04	7.31E-06	3.73E-05	3.54E-04	Residence	9.20E-08	0.09	0.00	1.02E-04	1.03E-04	1.04E-04	1.19E-05	3.43E-05	3.55E-04
605692	4121760	1.04E-04	1.06E-04	1.07E-04	7.62E-06	3.95E-05	3.64E-04	Residence	9.47E-08	0.09	0.00	1.04E-04	1.06E-04	1.07E-04	1.24E-05	3.63E-05	3.66E-04
605712	4121760	1.06E-04	1.07E-04	1.09E-04	7.94E-06	4.18E-05	3.71E-04	Residence	9.66E-08	0.10	0.00	1.06E-04	1.07E-04	1.09E-04	1.29E-05	3.85E-05	3.73E-04
605752	4121760	1.08E-04	1.10E-04	1.11E-04	8.65E-06	4.72E-05	3.85E-04	Residence	1.00E-07	0.10	0.00	1.08E-04	1.10E-04	1.11E-04	1.41E-05	4.35E-05	3.87E-04
605772	4121760	1.10E-04	1.12E-04	1.14E-04	9.03E-06	5.04E-05	3.96E-04	Residence	1.03E-07	0.10	0.00	1.10E-04	1.12E-04	1.14E-04	1.47E-05	4.64E-05	3.98E-04
605792	4121760	1.11E-04	1.13E-04	1.14E-04	9.44E-06	5.39E-05	4.02E-04	Residence	1.04E-07	0.10	0.00	1.11E-04	1.13E-04	1.14E-04	1.53E-05	4.96E-05	4.03E-04

605832	4121760	1.13E-04	1.15E-04	1.16E-04	1.03E-05	6.21E-05	4.17E-04	Residence	1.08E-07	0.11	0.00	1.13E-04	1.15E-04	1.16E-04	1.67E-05	5.71E-05	4.18E-04
605852	4121760	1.14E-04	1.16E-04	1.18E-04	1.08E-05	6.70E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.14E-04	1.16E-04	1.18E-04	1.75E-05	6.16E-05	4.27E-04
605872	4121760	1.14E-04	1.16E-04	1.17E-04	1.13E-05	7.25E-05	4.30E-04	Residence	1.12E-07	0.11	0.00	1.14E-04	1.16E-04	1.17E-04	1.83E-05	6.67E-05	4.31E-04
605892	4121760	1.12E-04	1.14E-04	1.15E-04	1.18E-05	7.85E-05	4.31E-04	Residence	1.12E-07	0.11	0.00	1.12E-04	1.14E-04	1.15E-04	1.91E-05	7.22E-05	4.32E-04
605912	4121760	1.12E-04	1.13E-04	1.15E-04	1.23E-05	8.55E-05	4.38E-04	Residence	1.14E-07	0.11	0.00	1.12E-04	1.13E-04	1.15E-04	2.00E-05	7.87E-05	4.39E-04
605932	4121760	1.12E-04	1.14E-04	1.16E-04	1.28E-05	9.36E-05	4.49E-04	Residence	1.17E-07	0.12	0.00	1.12E-04	1.14E-04	1.16E-04	2.09E-05	8.62E-05	4.49E-04
605952	4121760	1.12E-04	1.14E-04	1.16E-04	1.34E-05	1.03E-04	4.58E-04	Residence	1.19E-07	0.12	0.00	1.12E-04	1.14E-04	1.16E-04	2.18E-05	9.46E-05	4.58E-04
605972	4121760	1.13E-04	1.15E-04	1.16E-04	1.40E-05	1.13E-04	4.71E-04	Worker	1.22E-07	0.12	0.00	1.13E-04	1.15E-04	1.16E-04	2.27E-05	1.04E-04	4.71E-04
605992	4121760	1.13E-04	1.15E-04	1.16E-04	1.46E-05	1.26E-04	4.84E-04	Worker	1.26E-07	0.13	0.00	1.13E-04	1.15E-04	1.16E-04	2.38E-05	1.16E-04	4.83E-04
606012	4121760	1.13E-04	1.15E-04	1.17E-04	1.53E-05	1.40E-04	4.99E-04	Worker	1.30E-07	0.13	0.00	1.13E-04	1.15E-04	1.17E-04	2.49E-05	1.28E-04	4.98E-04
606032	4121760	1.14E-04	1.16E-04	1.18E-04	1.62E-05	1.56E-04	5.19E-04	Worker	1.35E-07	0.13	0.00	1.14E-04	1.16E-04	1.18E-04	2.63E-05	1.43E-04	5.16E-04
606052	4121760	1.15E-04	1.17E-04	1.19E-04	1.73E-05	1.74E-04	5.43E-04	Worker	1.41E-07	0.14	0.00	1.15E-04	1.17E-04	1.19E-04	2.80E-05	1.60E-04	5.39E-04
606072	4121760	1.17E-04	1.19E-04	1.21E-04	1.87E-05	1.96E-04	5.72E-04	Worker	1.49E-07	0.15	0.00	1.17E-04	1.19E-04	1.21E-04	3.04E-05	1.80E-04	5.68E-04
606372	4121760	6.35E-04	6.72E-04	7.21E-04	2.44E-04	6.92E-04	2.96E-03	Worker	7.70E-07	0.77	0.00	6.35E-04	6.72E-04	7.21E-04	3.96E-04	6.36E-04	3.06E-03
606432	4121760	1.37E-03	1.47E-03	1.57E-03	1.87E-04	5.00E-04	5.10E-03	Residence	1.32E-06	1.32	0.00	1.37E-03	1.47E-03	1.57E-03	3.04E-04	4.60E-04	5.17E-03
606472	4121760	1.74E-03	1.83E-03	1.92E-03	1.50E-04	3.92E-04	6.03E-03	Residence	1.57E-06	1.57	0.00	1.74E-03	1.83E-03	1.92E-03	2.44E-04	3.60E-04	6.09E-03
606492	4121760	1.82E-03	1.89E-03	1.96E-03	1.34E-04	3.46E-04	6.15E-03	Residence	1.60E-06	1.60	0.00	1.82E-03	1.89E-03	1.96E-03	2.17E-04	3.19E-04	6.21E-03
606512	4121760	1.84E-03	1.90E-03	1.94E-03	1.19E-04	3.07E-04	6.10E-03	Residence	1.59E-06	1.59	0.00	1.84E-03	1.90E-03	1.94E-03	1.93E-04	2.83E-04	6.15E-03
606532	4121760	1.81E-03	1.85E-03	1.88E-03	1.06E-04	2.74E-04	5.93E-03	Residence	1.54E-06	1.54	0.00	1.81E-03	1.85E-03	1.88E-03	1.72E-04	2.52E-04	5.97E-03
606552	4121760	1.74E-03	1.77E-03	1.78E-03	9.45E-05	2.44E-04	5.63E-03	Residence	1.46E-06	1.46	0.00	1.74E-03	1.77E-03	1.78E-03	1.54E-04	2.24E-04	5.67E-03
606572	4121760	1.65E-03	1.66E-03	1.66E-03	8.43E-05	2.18E-04	5.27E-03	Residence	1.37E-06	1.37	0.00	1.65E-03	1.66E-03	1.66E-03	1.37E-04	2.01E-04	5.31E-03
606592	4121760	1.55E-03	1.55E-03	1.54E-03	7.55E-05	1.96E-04	4.91E-03	Residence	1.28E-06	1.28	0.00	1.55E-03	1.55E-03	1.54E-03	1.23E-04	1.80E-04	4.94E-03
606612	4121760	1.45E-03	1.45E-03	1.43E-03	6.80E-05	1.77E-04	4.57E-03	Residence	1.19E-06	1.19	0.00	1.45E-03	1.45E-03	1.43E-03	1.10E-04	1.63E-04	4.60E-03
606632	4121760	1.35E-03	1.34E-03	1.32E-03	6.13E-05	1.61E-04	4.22E-03	Residence	1.10E-06	1.10	0.00	1.35E-03	1.34E-03	1.32E-03	9.95E-05	1.48E-04	4.25E-03
606652	4121760	1.25E-03	1.23E-03	1.21E-03	5.54E-05	1.46E-04	3.89E-03	Residence	1.01E-06	1.01	0.00	1.25E-03	1.23E-03	1.21E-03	9.00E-05	1.34E-04	3.91E-03
606672	4121760	1.15E-03	1.13E-03	1.11E-03	5.02E-05	1.33E-04	3.58E-03	Residence	9.30E-07	0.93	0.00	1.15E-03	1.13E-03	1.11E-03	8.16E-05	1.22E-04	3.60E-03
606692	4121760	1.07E-03	1.05E-03	1.03E-03	4.58E-05	1.22E-04	3.32E-03	Residence	8.64E-07	0.86	0.00	1.07E-03	1.05E-03	1.03E-03	7.44E-05	1.12E-04	3.34E-03
606712	4121760	9.93E-04	9.73E-04	9.51E-04	4.18E-05	1.12E-04	3.07E-03	Residence	7.98E-07	0.80	0.00	9.93E-04	9.73E-04	9.51E-04	6.80E-05	1.03E-04	3.09E-03
606732	4121760	9.17E-04	8.98E-04	8.76E-04	3.83E-05	1.03E-04	2.83E-03	Residence	7.36E-07	0.74	0.00	9.17E-04	8.98E-04	8.76E-04	6.22E-05	9.51E-05	2.85E-03
606752	4121760	8.51E-04	8.33E-04	8.13E-04	3.52E-05	9.56E-05	2.63E-03	Residence	6.83E-07	0.68	0.00	8.51E-04	8.33E-04	8.13E-04	5.72E-05	8.80E-05	2.64E-03
606772	4121760	7.99E-04	7.82E-04	7.63E-04	3.25E-05	8.89E-05	2.46E-03	Residence	6.41E-07	0.64	0.00	7.99E-04	7.82E-04	7.63E-04	5.29E-05	8.18E-05	2.48E-03
606792	4121760	7.41E-04	7.25E-04	7.07E-04	3.01E-05	8.26E-05	2.29E-03	Residence	5.94E-07	0.59	0.00	7.41E-04	7.25E-04	7.07E-04	4.89E-05	7.60E-05	2.30E-03
606812	4121760	6.89E-04	6.74E-04	6.57E-04	2.79E-05	7.70E-05	2.13E-03	Residence	5.52E-07	0.55	0.00	6.89E-04	6.74E-04	6.57E-04	4.53E-05	7.08E-05	2.14E-03
606832	4121760	6.46E-04	6.31E-04	6.16E-04	2.59E-05	7.20E-05	1.99E-03	Residence	5.18E-07	0.52	0.00	6.46E-04	6.31E-04	6.16E-04	4.21E-05	6.62E-05	2.00E-03
606852	4121760	6.06E-04	5.92E-04	5.78E-04	2.42E-05	6.75E-05	1.87E-03	Residence	4.85E-07	0.49	0.00	6.06E-04	5.92E-04	5.78E-04	3.93E-05	6.21E-05	1.88E-03
606872	4121760	5.70E-04	5.57E-04	5.45E-04	2.26E-05	6.34E-05	1.76E-03	Residence	4.57E-07	0.46	0.00	5.70E-04	5.57E-04	5.45E-04	3.67E-05	5.83E-05	1.77E-03
606892	4121760	5.37E-04	5.26E-04	5.14E-04	2.11E-05	5.96E-05	1.66E-03	Residence	4.31E-07	0.43	0.00	5.37E-04	5.26E-04	5.14E-04	3.44E-05	5.49E-05	1.67E-03
606912	4121760	5.08E-04	4.97E-04	4.86E-04	1.98E-05	5.63E-05	1.57E-03	Residence	4.08E-07	0.41	0.00	5.08E-04	4.97E-04	4.86E-04	3.23E-05	5.18E-05	1.58E-03
606932	4121760	4.81E-04	4.71E-04	4.61E-04	1.87E-05	5.31E-05	1.48E-03	Residence	3.86E-07	0.39	0.00	4.81E-04	4.71E-04	4.61E-04	3.03E-05	4.89E-05	1.49E-03
606952	4121760	4.56E-04	4.46E-04	4.37E-04	1.76E-05	5.03E-05	1.41E-03	Residence	3.66E-07	0.37	0.00	4.56E-04	4.46E-04	4.37E-04	2.86E-05	4.63E-05	1.41E-03
606992	4121760	4.09E-04	4.01E-04	3.93E-04	1.57E-05	4.52E-05	1.26E-03	Residence	3.28E-07	0.33	0.00	4.09E-04	4.01E-04	3.93E-04	2.55E-05	4.16E-05	1.27E-03
607012	4121760	3.87E-04	3.80E-04	3.73E-04	1.49E-05	4.30E-05	1.20E-03	Residence	3.11E-07	0.31	0.00	3.87E-04	3.80E-04	3.73E-04	2.41E-05	3.95E-05	1.20E-03
607032	4121760	3.69E-04	3.62E-04	3.56E-04	1.41E-05	4.09E-05	1.14E-03	Residence	2.97E-07	0.30	0.00	3.69E-04	3.62E-04	3.56E-04	2.29E-05	3.76E-05	1.15E-03
607052	4121760	3.54E-04	3.47E-04	3.41E-04	1.34E-05	3.90E-05	1.09E-03	Residence	2.84E-07	0.28	0.00	3.54E-04	3.47E-04	3.41E-04	2.18E-05	3.59E-05	1.10E-03
605632	4121780	1.03E-04	1.05E-04	1.06E-04	7.28E-06	3.46E-05	3.56E-04	Residence	9.25E-08	0.09	0.00	1.03E-04	1.05E-04	1.06E-04	1.18E-05	3.18E-05	3.58E-04
605672	4121780	1.07E-04	1.08E-04	1.10E-04	7.93E-06	3.86E-05	3.71E-04	Residence	9.64E-08	0.10	0.00	1.07E-04	1.08E-04	1.10E-04	1.29E-05	3.55E-05	3.73E-04
605692	4121780	1.09E-04	1.11E-04	1.12E-04	8.30E-06	4.09E-05	3.82E-04	Residence	9.92E-08	0.10	0.00	1.09E-04	1.11E-04	1.12E-04	1.35E-05	3.76E-05	3.84E-04
605712	4121780	1.11E-04	1.13E-04	1.14E-04	8.68E-06	4.34E-05	3.90E-04	Residence	1.01E-07	0.10	0.00	1.11E-04	1.13E-04	1.14E-04	1.41E-05	3.99E-05	3.91E-04
605752	4121780	1.13E-04	1.15E-04	1.17E-04	9.53E-06	4.92E-05	4.04E-04	Residence	1.05E-07	0.11	0.00	1.13E-04	1.15E-04	1.17E-04	1.55E-05	4.52E-05	4.06E-04
605772	4121780	1.16E-04	1.18E-04	1.20E-04	1.00E-05	5.26E-05	4.16E-04	Residence	1.08E-07	0.11	0.00	1.16E-04	1.18E-04	1.20E-04	1.62E-05	4.84E-05	4.18E-04
605792	4121780	1.17E-04	1.19E-04	1.20E-04	1.05E-05	5.63E-05	4.22E-04	Residence	1.10E-07	0.11	0.00	1.17E-04	1.19E-04	1.20E-04	1.71E-05	5.18E-05	4.24E-04
605832	4121780	1.19E-04	1.21E-04	1.23E-04	1.16E-05	6.52E-05	4.39E-04	Residence	1.14E-07	0.11	0.00	1.19E-04	1.21E-04	1.23E-04	1.89E-05	6.00E-05	4.41E-04
605852	4121780	1.20E-04	1.22E-04	1.24E-04	1.22E-05	7.05E-05	4.48E-04	Residence	1.17E-07	0.12	0.00	1.20E-04	1.22E-04	1.24E-04	1.98E-05	6.49E-05	4.50E-04
605872	4121780	1.19E-04	1.21E-04	1.23E-04	1.29E-05	7.65E-05	4.53E-04	Residence	1.18E-07	0.12	0.00	1.19E-04	1.21E-04	1.23E-04	2.09E-05	7.03E-05	4.55E-04
605892	4121780	1.17E-04	1.19E-04	1.21E-04	1.35E-05	8.31E-05	4.54E-04	Residence	1.18E-07	0.12	0.00	1.17E-04	1.19E-04	1.21E-04	2.20E-05	7.65E-05	4.56E-04
605912	4121780	1.17E-04	1.19E-04	1.21E-04	1.43E-05	9.09E-05	4.62E-04	Residence	1.20E-07	0.12	0.00	1.17E-04	1.19E-04	1.21E-04	2.32E-05	8.36E-05	4.64E-04
605932	4121780	1.18E-04	1.20E-04	1.21E-04	1.50E-05	1.00E-04	4.74E-04	Residence	1.23E-07	0.12	0.00	1.18E-04	1.20E-04	1.21E-04	2.44E-05	9.20E-05	4.75E-04
605952	4121780	1.18E-04	1.20E-04	1.21E-04	1.58E-05	1.10E-04	4.85E-04	Residence	1.26E-07	0.13	0.00	1.18E-04	1.20E-04	1.21E-04	2.57E-05	1.02E-04	4.86E-04
605992	4121780	1.19E-04	1.21E-04	1.23E-04	1.76E-05	1.37E-04	5.17E-04	Worker	1.34E-07	0.13	0.00	1.19E-04	1.21E-04	1.23E-04	2.85E-05	1.26E-04	5.17E-04
606052	4121780	1.22E-04	1.24E-04	1.26E-04	2.08E-05	1.96E-04	5.89E-04	Worker	1.53E-07	0.15	0.00	1.22E-04	1.24E-04	1.26E-04	3.38E-05	1.81E-04	5.86E-04
606072	4121780	1.24E-04	1.27E-04	1.29E-04	2.24E-05	2.24E-04	6.26E-04	Worker	1.63E-07	0.16	0.00	1.24E-04	1.27E-04	1.29E-04	3.64E-05	2.06E-04	6.22E-04
606132	4121780	1.37E-04	1.41E-04	1.44E-04	3.30E-05	3.34E-04	7.90E-04	Worker	2.05E-07	0.21	0.00	1.37E-04	1.41E-04	1.44E-04	5.36E-05	3.08E-04	7.84E-04
606152	4121780	1.46E-04	1.50E-04	1.54E-04	4.10E-05	3.83E-04	8.73E-04	Worker	2.27E-07	0.23	0.00	1.46E-04	1.50E-04	1.54E-04	6.67E-05	3.52E-04	8.68E-04
606172	4121780	1.57E-04	1.61E-04	1.66E-04	5.44E-05	4.38E-04	9.77E-04	Worker	2.54E-07	0.25	0.00	1.57E-04	1.61E-04	1.66E-04	8.84E-05	4.03E-04	9.76E-04
606192	4121780	1.69E-04	1.74E-04	1.81E-04	7.60E-05	5.04E-04	1.10E-03	Worker	2.87E-07	0.29	0.00	1.69E-04	1.74E-04	1.81E-04	1.24E-04	4.64E-04	1.11E-03
606292	4121780	2.77E-04	2.88E-04	3.00E-04	3.05E-04	1.01E-03	2.18E-03	Worker	5.65E-07	0.57	0.00	2.77E-04	2.88E-04	3.00E-04	4.96E-04	9.25E-04	2.29E-03
606312	4121780	3.33E-04	3.45E-04	3.61E-04	3.26E-04	1.01E-03	2.38E-03	Worker	6.18E-07	0.62	0.00	3.33E-04	3.45E-04	3.61E-04	5.30E-04	9.30E-04	2.50E-03
606372	4121780	7.77E-04	8.29E-04	9.00E-04	2.84E-04	7.83E-04	3.57E-03	Worker	9.29E-07	0.93	0.00	7.77E-04	8.29E-04	9.00E-04	4.61E-04	7.20E-04	3.69E-03
606392	4121780	1.07E-03	1.16E-03	1.26E-03	2.55E-04	6.87E-04	4.44E-03	Worker	1.15E-06	1.15	0.00	1.07E-03	1.16E-03	1.26E-03	4.15E-04	6.32E-04	4.54E-03
606432	4121780	1.70E-03	1.82E-03	1.95E-03	1.98E-04	5.18E-04	6.19E-03	Residence	1.61E-06	1.61	0.00	1.70E-03	1.82E-03	1.95E-03	3.22E-04	4.76E-04	6.27E-03
606472	4121780	2.02E-03	2.11E-03	2.19E-03	1.52E-04	3.92E-04	6.87E-03	Residence	1.78E-06	1.78	0.00	2.02E-03	2.11E-03	2.19E-03	2.47E-04	3.60E-04	6.93E-03
606492	4121780	2.04E-03	2.10E-03	2.15E-03	1.33E-04	3.42E-04	6.77E-03	Residence	1.76E-06	1.76	0.00	2.04E-03	2.10E-03	2.15E-03	2.16E-04	3.15E-04	6.83E-03
606512	4121780	1.99E-03	2.03E-03	2.05E-03	1.17E-04	3.00E-04	6.49E-03	Residence	1.69E-06	1.69	0.00	1.99E-03	2.03E-03	2.05E-03	1.90E-04	2.76E-04	6.54E-03

606532	4121780	1.90E-03	1.92E-03	1.92E-03	1.03E-04	2.65E-04	6.12E-03	Residence	1.59E-06	1.59	0.00	1.90E-03	1.92E-03	1.92E-03	1.67E-04	2.44E-04	6.16E-03
606552	4121780	1.78E-03	1.78E-03	1.77E-03	9.09E-05	2.35E-04	5.66E-03	Residence	1.47E-06	1.47	0.00	1.78E-03	1.78E-03	1.77E-03	1.48E-04	2.16E-04	5.70E-03
606572	4121780	1.65E-03	1.64E-03	1.61E-03	8.05E-05	2.10E-04	5.19E-03	Residence	1.35E-06	1.35	0.00	1.65E-03	1.64E-03	1.61E-03	1.31E-04	1.93E-04	5.23E-03
606592	4121780	1.52E-03	1.50E-03	1.47E-03	7.17E-05	1.88E-04	4.76E-03	Residence	1.24E-06	1.24	0.00	1.52E-03	1.50E-03	1.47E-03	1.17E-04	1.73E-04	4.79E-03
606612	4121780	1.40E-03	1.38E-03	1.35E-03	6.43E-05	1.69E-04	4.37E-03	Residence	1.13E-06	1.13	0.00	1.40E-03	1.38E-03	1.35E-03	1.04E-04	1.56E-04	4.39E-03
606632	4121780	1.29E-03	1.26E-03	1.23E-03	5.78E-05	1.53E-04	3.99E-03	Residence	1.04E-06	1.04	0.00	1.29E-03	1.26E-03	1.23E-03	9.38E-05	1.41E-04	4.01E-03
606652	4121780	1.18E-03	1.15E-03	1.12E-03	5.21E-05	1.39E-04	3.64E-03	Residence	9.46E-07	0.95	0.00	1.18E-03	1.15E-03	1.12E-03	8.46E-05	1.28E-04	3.66E-03
606672	4121780	1.08E-03	1.05E-03	1.02E-03	4.72E-05	1.27E-04	3.33E-03	Residence	8.66E-07	0.87	0.00	1.08E-03	1.05E-03	1.02E-03	7.67E-05	1.17E-04	3.35E-03
606692	4121780	1.00E-03	9.75E-04	9.47E-04	4.30E-05	1.16E-04	3.08E-03	Residence	8.01E-07	0.80	0.00	1.00E-03	9.75E-04	9.47E-04	6.99E-05	1.07E-04	3.10E-03
606712	4121780	9.22E-04	8.98E-04	8.72E-04	3.92E-05	1.07E-04	2.84E-03	Residence	7.38E-07	0.74	0.00	9.22E-04	8.98E-04	8.72E-04	6.38E-05	9.84E-05	2.85E-03
606732	4121780	8.50E-04	8.27E-04	8.04E-04	3.59E-05	9.86E-05	2.62E-03	Residence	6.80E-07	0.68	0.00	8.50E-04	8.27E-04	8.04E-04	5.84E-05	9.07E-05	2.63E-03
606752	4121780	7.87E-04	7.66E-04	7.44E-04	3.31E-05	9.12E-05	2.42E-03	Residence	6.30E-07	0.63	0.00	7.87E-04	7.66E-04	7.44E-04	5.37E-05	8.39E-05	2.44E-03
606772	4121780	7.39E-04	7.20E-04	7.00E-04	3.06E-05	8.48E-05	2.27E-03	Residence	5.91E-07	0.59	0.00	7.39E-04	7.20E-04	7.00E-04	4.97E-05	7.80E-05	2.29E-03
606792	4121780	6.89E-04	6.71E-04	6.53E-04	2.83E-05	7.90E-05	2.12E-03	Residence	5.51E-07	0.55	0.00	6.89E-04	6.71E-04	6.53E-04	4.60E-05	7.26E-05	2.13E-03
606812	4121780	6.44E-04	6.27E-04	6.11E-04	2.63E-05	7.37E-05	1.98E-03	Residence	5.15E-07	0.52	0.00	6.44E-04	6.27E-04	6.11E-04	4.27E-05	6.78E-05	1.99E-03
606832	4121780	6.03E-04	5.88E-04	5.73E-04	2.44E-05	6.90E-05	1.86E-03	Residence	4.83E-07	0.48	0.00	6.03E-04	5.88E-04	5.73E-04	3.97E-05	6.35E-05	1.87E-03
606852	4121780	5.66E-04	5.52E-04	5.38E-04	2.28E-05	6.47E-05	1.74E-03	Residence	4.53E-07	0.45	0.00	5.66E-04	5.52E-04	5.38E-04	3.71E-05	5.95E-05	1.75E-03
606872	4121780	5.31E-04	5.19E-04	5.06E-04	2.13E-05	6.08E-05	1.64E-03	Residence	4.26E-07	0.43	0.00	5.31E-04	5.19E-04	5.06E-04	3.47E-05	5.59E-05	1.65E-03
606892	4121780	5.01E-04	4.89E-04	4.77E-04	2.00E-05	5.73E-05	1.54E-03	Residence	4.01E-07	0.40	0.00	5.01E-04	4.89E-04	4.77E-04	3.25E-05	5.27E-05	1.55E-03
606912	4121780	4.72E-04	4.61E-04	4.50E-04	1.88E-05	5.40E-05	1.46E-03	Residence	3.79E-07	0.38	0.00	4.72E-04	4.61E-04	4.50E-04	3.05E-05	4.97E-05	1.46E-03
606932	4121780	4.46E-04	4.36E-04	4.26E-04	1.77E-05	5.11E-05	1.38E-03	Residence	3.58E-07	0.36	0.00	4.46E-04	4.36E-04	4.26E-04	2.87E-05	4.70E-05	1.38E-03
606952	4121780	4.22E-04	4.13E-04	4.04E-04	1.67E-05	4.83E-05	1.30E-03	Residence	3.39E-07	0.34	0.00	4.22E-04	4.13E-04	4.04E-04	2.71E-05	4.45E-05	1.31E-03
606992	4121780	3.82E-04	3.74E-04	3.66E-04	1.49E-05	4.36E-05	1.18E-03	Residence	3.07E-07	0.31	0.00	3.82E-04	3.74E-04	3.66E-04	2.43E-05	4.01E-05	1.19E-03
607012	4121780	3.64E-04	3.57E-04	3.50E-04	1.42E-05	4.15E-05	1.13E-03	Residence	2.93E-07	0.29	0.00	3.64E-04	3.57E-04	3.50E-04	2.30E-05	3.82E-05	1.13E-03
605632	4121800	1.08E-04	1.09E-04	1.11E-04	7.86E-06	3.57E-05	3.72E-04	Residence	9.66E-08	0.10	0.00	1.08E-04	1.09E-04	1.11E-04	1.28E-05	3.29E-05	3.74E-04
605672	4121800	1.11E-04	1.13E-04	1.15E-04	8.62E-06	4.00E-05	3.88E-04	Residence	1.01E-07	0.10	0.00	1.11E-04	1.13E-04	1.15E-04	1.40E-05	3.68E-05	3.90E-04
605692	4121800	1.14E-04	1.16E-04	1.18E-04	9.04E-06	4.24E-05	4.00E-04	Residence	1.04E-07	0.10	0.00	1.14E-04	1.16E-04	1.18E-04	1.47E-05	3.90E-05	4.02E-04
605712	4121800	1.16E-04	1.18E-04	1.19E-04	9.49E-06	4.50E-05	4.07E-04	Residence	1.06E-07	0.11	0.00	1.16E-04	1.18E-04	1.19E-04	1.54E-05	4.14E-05	4.09E-04
605752	4121800	1.19E-04	1.21E-04	1.23E-04	1.05E-05	5.12E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.19E-04	1.21E-04	1.23E-04	1.71E-05	4.71E-05	4.28E-04
605772	4121800	1.22E-04	1.24E-04	1.26E-04	1.11E-05	5.49E-05	4.37E-04	Residence	1.14E-07	0.11	0.00	1.22E-04	1.24E-04	1.26E-04	1.80E-05	5.05E-05	4.40E-04
605792	4121800	1.23E-04	1.25E-04	1.27E-04	1.17E-05	5.88E-05	4.44E-04	Residence	1.16E-07	0.12	0.00	1.23E-04	1.25E-04	1.27E-04	1.90E-05	5.41E-05	4.47E-04
605832	4121800	1.25E-04	1.27E-04	1.29E-04	1.31E-05	6.84E-05	4.63E-04	Residence	1.20E-07	0.12	0.00	1.25E-04	1.27E-04	1.29E-04	2.12E-05	6.30E-05	4.66E-04
605852	4121800	1.26E-04	1.29E-04	1.31E-04	1.38E-05	7.43E-05	4.74E-04	Residence	1.23E-07	0.12	0.00	1.26E-04	1.29E-04	1.31E-04	2.25E-05	6.83E-05	4.77E-04
605872	4121800	1.26E-04	1.28E-04	1.30E-04	1.47E-05	8.08E-05	4.79E-04	Residence	1.25E-07	0.12	0.00	1.26E-04	1.28E-04	1.30E-04	2.39E-05	7.43E-05	4.82E-04
605892	4121800	1.23E-04	1.26E-04	1.28E-04	1.56E-05	8.80E-05	4.80E-04	Residence	1.25E-07	0.12	0.00	1.23E-04	1.26E-04	1.28E-04	2.53E-05	8.10E-05	4.83E-04
605912	4121800	1.25E-04	1.27E-04	1.29E-04	1.66E-05	9.69E-05	4.95E-04	Residence	1.29E-07	0.13	0.00	1.25E-04	1.27E-04	1.29E-04	2.69E-05	8.91E-05	4.97E-04
605932	4121800	1.26E-04	1.28E-04	1.30E-04	1.76E-05	1.07E-04	5.09E-04	Residence	1.32E-07	0.13	0.00	1.26E-04	1.28E-04	1.30E-04	2.87E-05	9.85E-05	5.11E-04
605952	4121800	1.26E-04	1.28E-04	1.30E-04	1.88E-05	1.19E-04	5.21E-04	Residence	1.35E-07	0.14	0.00	1.26E-04	1.28E-04	1.30E-04	3.05E-05	1.09E-04	5.23E-04
605992	4121800	1.25E-04	1.28E-04	1.30E-04	2.13E-05	1.49E-04	5.53E-04	Worker	1.44E-07	0.14	0.00	1.25E-04	1.28E-04	1.30E-04	3.46E-05	1.37E-04	5.55E-04
606052	4121800	1.29E-04	1.32E-04	1.34E-04	2.58E-05	2.21E-04	6.42E-04	Worker	1.67E-07	0.17	0.00	1.29E-04	1.32E-04	1.34E-04	4.20E-05	2.04E-04	6.41E-04
606072	4121800	1.31E-04	1.34E-04	1.37E-04	2.78E-05	2.56E-04	6.86E-04	Worker	1.78E-07	0.18	0.00	1.31E-04	1.34E-04	1.37E-04	4.51E-05	2.35E-04	6.83E-04
606152	4121800	1.58E-04	1.62E-04	1.67E-04	4.99E-05	4.81E-04	1.02E-03	Worker	2.65E-07	0.26	0.00	1.58E-04	1.62E-04	1.67E-04	8.10E-05	4.42E-04	1.01E-03
606172	4121800	1.71E-04	1.76E-04	1.82E-04	6.79E-05	5.65E-04	1.16E-03	Worker	3.02E-07	0.30	0.00	1.71E-04	1.76E-04	1.82E-04	1.10E-04	5.20E-04	1.16E-03
606192	4121800	1.87E-04	1.93E-04	2.00E-04	9.96E-05	6.68E-04	1.35E-03	Worker	3.50E-07	0.35	0.00	1.87E-04	1.93E-04	2.00E-04	1.62E-04	6.15E-04	1.36E-03
606292	4121800	3.14E-04	3.26E-04	3.40E-04	4.27E-04	1.36E-03	2.77E-03	Worker	7.20E-07	0.72	0.00	3.14E-04	3.26E-04	3.40E-04	6.94E-04	1.25E-03	2.93E-03
606312	4121800	3.76E-04	3.90E-04	4.07E-04	4.31E-04	1.29E-03	2.89E-03	Worker	7.52E-07	0.75	0.00	3.76E-04	3.90E-04	4.07E-04	7.00E-04	1.19E-03	3.06E-03
606372	4121800	9.81E-04	1.06E-03	1.15E-03	3.21E-04	8.54E-04	4.37E-03	Worker	1.14E-06	1.14	0.00	9.81E-04	1.06E-03	1.15E-03	5.22E-04	7.86E-04	4.50E-03
606432	4121800	2.10E-03	2.24E-03	2.37E-03	2.02E-04	5.18E-04	7.44E-03	Residence	1.93E-06	1.93	0.00	2.10E-03	2.24E-03	2.37E-03	3.29E-04	4.77E-04	7.52E-03
606472	4121800	2.28E-03	2.34E-03	2.38E-03	1.49E-04	3.81E-04	7.54E-03	Residence	1.96E-06	1.96	0.00	2.28E-03	2.34E-03	2.38E-03	2.42E-04	3.50E-04	7.60E-03
606492	4121800	2.20E-03	2.23E-03	2.24E-03	1.28E-04	3.29E-04	7.13E-03	Residence	1.85E-06	1.85	0.00	2.20E-03	2.23E-03	2.24E-03	2.09E-04	3.03E-04	7.18E-03
606512	4121800	2.07E-03	2.07E-03	2.05E-03	1.11E-04	2.87E-04	6.59E-03	Residence	1.71E-06	1.71	0.00	2.07E-03	2.07E-03	2.05E-03	1.81E-04	2.64E-04	6.63E-03
606532	4121800	1.91E-03	1.89E-03	1.86E-03	9.72E-05	2.52E-04	6.00E-03	Residence	1.56E-06	1.56	0.00	1.91E-03	1.89E-03	1.86E-03	1.58E-04	2.32E-04	6.04E-03
606552	4121800	1.74E-03	1.71E-03	1.67E-03	8.53E-05	2.23E-04	5.43E-03	Residence	1.41E-06	1.41	0.00	1.74E-03	1.71E-03	1.67E-03	1.39E-04	2.05E-04	5.47E-03
606572	4121800	1.58E-03	1.55E-03	1.50E-03	7.53E-05	1.98E-04	4.90E-03	Residence	1.27E-06	1.27	0.00	1.58E-03	1.55E-03	1.50E-03	1.22E-04	1.82E-04	4.93E-03
606592	4121800	1.43E-03	1.40E-03	1.35E-03	6.69E-05	1.78E-04	4.42E-03	Residence	1.15E-06	1.15	0.00	1.43E-03	1.40E-03	1.35E-03	1.09E-04	1.63E-04	4.45E-03
606612	4121800	1.30E-03	1.26E-03	1.22E-03	5.98E-05	1.60E-04	4.00E-03	Residence	1.04E-06	1.04	0.00	1.30E-03	1.26E-03	1.22E-03	9.72E-05	1.47E-04	4.03E-03
606632	4121800	1.18E-03	1.15E-03	1.11E-03	5.37E-05	1.45E-04	3.63E-03	Residence	9.45E-07	0.94	0.00	1.18E-03	1.15E-03	1.11E-03	8.73E-05	1.33E-04	3.66E-03
606652	4121800	1.08E-03	1.04E-03	1.01E-03	4.84E-05	1.31E-04	3.31E-03	Residence	8.60E-07	0.86	0.00	1.08E-03	1.04E-03	1.01E-03	7.87E-05	1.21E-04	3.33E-03
606672	4121800	9.86E-04	9.54E-04	9.20E-04	4.39E-05	1.20E-04	3.02E-03	Residence	7.86E-07	0.79	0.00	9.86E-04	9.54E-04	9.20E-04	7.13E-05	1.10E-04	3.04E-03
606692	4121800	9.07E-04	8.77E-04	8.47E-04	4.00E-05	1.10E-04	2.78E-03	Residence	7.23E-07	0.72	0.00	9.07E-04	8.77E-04	8.47E-04	6.50E-05	1.01E-04	2.80E-03
606712	4121800	8.36E-04	8.09E-04	7.82E-04	3.66E-05	1.01E-04	2.56E-03	Residence	6.67E-07	0.67	0.00	8.36E-04	8.09E-04	7.82E-04	5.94E-05	9.32E-05	2.58E-03
606732	4121800	7.73E-04	7.48E-04	7.24E-04	3.35E-05	9.35E-05	2.37E-03	Residence	6.16E-07	0.62	0.00	7.73E-04	7.48E-04	7.24E-04	5.45E-05	8.60E-05	2.38E-03
606752	4121800	7.17E-04	6.95E-04	6.73E-04	3.09E-05	8.67E-05	2.20E-03	Residence	5.72E-07	0.57	0.00	7.17E-04	6.95E-04	6.73E-04	5.02E-05	7.97E-05	2.21E-03
606772	4121800	6.74E-04	6.54E-04	6.34E-04	2.86E-05	8.07E-05	2.07E-03	Residence	5.39E-07	0.54	0.00	6.74E-04	6.54E-04	6.34E-04	4.65E-05	7.42E-05	2.08E-03
606792	4121800	6.26E-04	6.07E-04	5.89E-04	2.65E-05	7.52E-05	1.92E-03	Residence	5.00E-07	0.50	0.00	6.26E-04	6.07E-04	5.89E-04	4.30E-05	6.91E-05	1.93E-03
606812	4121800	5.85E-04	5.68E-04	5.52E-04	2.46E-05	7.02E-05	1.80E-03	Residence	4.68E-07	0.47	0.00	5.85E-04	5.68E-04	5.52E-04	4.00E-05	6.46E-05	1.81E-03
606832	4121800	5.48E-04	5.33E-04	5.19E-04	2.30E-05	6.58E-05	1.69E-03	Residence	4.39E-07	0.44	0.00	5.48E-04	5.33E-04	5.19E-04	3.73E-05	6.05E-05	1.70E-03
606852	4121800	5.16E-04	5.02E-04	4.89E-04	2.15E-05	6.18E-05	1.59E-03	Residence	4.13E-07	0.41	0.00	5.16E-04	5.02E-04	4.89E-04	3.49E-05	5.68E-05	1.60E-03
606872	4121800	4.86E-04	4.73E-04	4.61E-04	2.01E-05	5.81E-05	1.50E-03	Residence	3.89E-07	0.39	0.00	4.86E-04	4.73E-04	4.61E-04	3.27E-05	5.35E-05	1.51E-03
606892	4121800	4.58E-04	4.47E-04	4.36E-04	1.89E-05	5.48E-05	1.42E-03	Residence	3.68E-07	0.37	0.00	4.58E-04	4.47E-04	4.36E-04	3.07E-05	5.04E-05	1.42E-03
606912	4121800	4.34E-04	4.23E-04	4.13E-04	1.78E-05	5.18E-05	1.34E-03	Residence	3.48E-07	0.35	0.00	4.34E-04	4.23E-04	4.13E-04	2.89E-05	4.76E-05	1.35E-03
606932	4121800	4.13E-04	4.03E-04	3.94E-04	1.68E-05	4.90E-05	1.28E-03	Residence	3.31E-07	0.33	0.00	4.13E-04	4.03E-04	3.94E-04	2.72E-05	4.51E-05	1.28E-03
605632	4121860	1.25E-04	1.28E-04	1.30E-04	1.01E-05	3.99E-05	4.33E-04	Residence	1.12E-07	0.11	0.00	1.25E-04	1.28E-04	1.30E-04	1.64E-05	3.67E-05	4.36E-04

605652	4121860	1.26E-04	1.29E-04	1.31E-04	1.06E-05	4.22E-05	4.38E-04	Residence	1.14E-07	0.11	0.00	1.26E-04	1.29E-04	1.31E-04	1.73E-05	3.89E-05	4.42E-04
605672	4121860	1.30E-04	1.32E-04	1.35E-04	1.12E-05	4.49E-05	4.53E-04	Residence	1.18E-07	0.12	0.00	1.30E-04	1.32E-04	1.35E-04	1.83E-05	4.13E-05	4.57E-04
605692	4121860	1.34E-04	1.36E-04	1.39E-04	1.19E-05	4.79E-05	4.69E-04	Residence	1.22E-07	0.12	0.00	1.34E-04	1.36E-04	1.39E-04	1.94E-05	4.41E-05	4.72E-04
605712	4121860	1.36E-04	1.39E-04	1.42E-04	1.26E-05	5.11E-05	4.80E-04	Residence	1.25E-07	0.12	0.00	1.36E-04	1.39E-04	1.42E-04	2.06E-05	4.70E-05	4.84E-04
605732	4121860	1.37E-04	1.40E-04	1.43E-04	1.34E-05	5.46E-05	4.88E-04	Residence	1.27E-07	0.13	0.00	1.37E-04	1.40E-04	1.43E-04	2.18E-05	5.03E-05	4.92E-04
605752	4121860	1.41E-04	1.44E-04	1.47E-04	1.43E-05	5.87E-05	5.04E-04	Residence	1.31E-07	0.13	0.00	1.41E-04	1.44E-04	1.47E-04	2.33E-05	5.40E-05	5.08E-04
605772	4121860	1.44E-04	1.48E-04	1.51E-04	1.53E-05	6.32E-05	5.21E-04	Residence	1.35E-07	0.14	0.00	1.44E-04	1.48E-04	1.51E-04	2.49E-05	5.82E-05	5.26E-04
605792	4121860	1.48E-04	1.51E-04	1.54E-04	1.64E-05	6.83E-05	5.37E-04	Residence	1.40E-07	0.14	0.00	1.48E-04	1.51E-04	1.54E-04	2.67E-05	6.29E-05	5.42E-04
605812	4121860	1.48E-04	1.51E-04	1.54E-04	1.76E-05	7.39E-05	5.44E-04	Residence	1.41E-07	0.14	0.00	1.48E-04	1.51E-04	1.54E-04	2.87E-05	6.80E-05	5.49E-04
605832	4121860	1.50E-04	1.53E-04	1.57E-04	1.90E-05	8.05E-05	5.59E-04	Residence	1.45E-07	0.15	0.00	1.50E-04	1.53E-04	1.57E-04	3.09E-05	7.41E-05	5.64E-04
605852	4121860	1.52E-04	1.56E-04	1.59E-04	2.06E-05	8.81E-05	5.75E-04	Residence	1.50E-07	0.15	0.00	1.52E-04	1.56E-04	1.59E-04	3.34E-05	8.11E-05	5.81E-04
605872	4121860	1.53E-04	1.57E-04	1.60E-04	2.23E-05	9.68E-05	5.88E-04	Residence	1.53E-07	0.15	0.00	1.53E-04	1.57E-04	1.60E-04	3.62E-05	8.91E-05	5.95E-04
605892	4121860	1.50E-04	1.54E-04	1.58E-04	2.43E-05	1.07E-04	5.94E-04	Residence	1.54E-07	0.15	0.00	1.50E-04	1.54E-04	1.58E-04	3.94E-05	9.81E-05	6.00E-04
605912	4121860	1.52E-04	1.56E-04	1.60E-04	2.65E-05	1.19E-04	6.13E-04	Residence	1.59E-07	0.16	0.00	1.52E-04	1.56E-04	1.60E-04	4.31E-05	1.09E-04	6.20E-04
605932	4121860	1.54E-04	1.58E-04	1.62E-04	2.92E-05	1.33E-04	6.37E-04	Residence	1.65E-07	0.17	0.00	1.54E-04	1.58E-04	1.62E-04	4.74E-05	1.22E-04	6.44E-04
605952	4121860	1.55E-04	1.59E-04	1.64E-04	3.22E-05	1.50E-04	6.60E-04	Residence	1.71E-07	0.17	0.00	1.55E-04	1.59E-04	1.64E-04	5.23E-05	1.38E-04	6.68E-04
605972	4121860	1.55E-04	1.60E-04	1.64E-04	3.57E-05	1.70E-04	6.85E-04	Residence	1.78E-07	0.18	0.00	1.55E-04	1.60E-04	1.64E-04	5.80E-05	1.57E-04	6.94E-04
605992	4121860	1.56E-04	1.61E-04	1.65E-04	3.98E-05	1.96E-04	7.17E-04	Residence	1.86E-07	0.19	0.00	1.56E-04	1.61E-04	1.65E-04	6.47E-05	1.80E-04	7.26E-04
606012	4121860	1.56E-04	1.62E-04	1.67E-04	4.47E-05	2.27E-04	7.56E-04	Residence	1.97E-07	0.20	0.00	1.56E-04	1.62E-04	1.67E-04	7.26E-05	2.09E-04	7.66E-04
606032	4121860	1.58E-04	1.63E-04	1.68E-04	5.04E-05	2.67E-04	8.06E-04	Tulip Kids Academy	2.10E-07	0.21	0.00	1.58E-04	1.63E-04	1.68E-04	8.19E-05	2.46E-04	8.16E-04
606052	4121860	1.60E-04	1.66E-04	1.71E-04	5.73E-05	3.20E-04	8.74E-04	Tulip Kids Academy	2.27E-07	0.23	0.00	1.60E-04	1.66E-04	1.71E-04	9.31E-05	2.94E-04	8.84E-04
606072	4121860	1.65E-04	1.70E-04	1.76E-04	6.56E-05	3.90E-04	9.68E-04	Residence	2.51E-07	0.25	0.00	1.65E-04	1.70E-04	1.76E-04	1.07E-04	3.59E-04	9.77E-04
606612	4121860	8.46E-04	7.97E-04	7.52E-04	4.56E-05	1.30E-04	2.57E-03	Residence	6.68E-07	0.67	0.00	8.46E-04	7.97E-04	7.52E-04	7.42E-05	1.19E-04	2.59E-03
606632	4121860	7.71E-04	7.29E-04	6.91E-04	4.12E-05	1.18E-04	2.35E-03	Residence	6.11E-07	0.61	0.00	7.71E-04	7.29E-04	6.91E-04	6.70E-05	1.09E-04	2.37E-03
606652	4121860	7.09E-04	6.73E-04	6.40E-04	3.75E-05	1.08E-04	2.17E-03	Residence	5.64E-07	0.56	0.00	7.09E-04	6.73E-04	6.40E-04	6.09E-05	9.94E-05	2.18E-03
606672	4121860	6.59E-04	6.28E-04	6.00E-04	3.42E-05	9.94E-05	2.02E-03	Residence	5.25E-07	0.53	0.00	6.59E-04	6.28E-04	6.00E-04	5.57E-05	9.14E-05	2.03E-03
606692	4121860	6.16E-04	5.89E-04	5.64E-04	3.14E-05	9.17E-05	1.89E-03	Residence	4.92E-07	0.49	0.00	6.16E-04	5.89E-04	5.64E-04	5.11E-05	8.44E-05	1.90E-03
606712	4121860	5.77E-04	5.53E-04	5.31E-04	2.90E-05	8.50E-05	1.77E-03	Residence	4.61E-07	0.46	0.00	5.77E-04	5.53E-04	5.31E-04	4.71E-05	7.82E-05	1.79E-03
606732	4121860	5.43E-04	5.22E-04	5.03E-04	2.68E-05	7.90E-05	1.67E-03	Residence	4.35E-07	0.44	0.00	5.43E-04	5.22E-04	5.03E-04	4.36E-05	7.27E-05	1.68E-03
606752	4121860	5.13E-04	4.94E-04	4.77E-04	2.49E-05	7.37E-05	1.58E-03	Residence	4.11E-07	0.41	0.00	5.13E-04	4.94E-04	4.77E-04	4.04E-05	6.78E-05	1.59E-03
606772	4121860	4.88E-04	4.72E-04	4.56E-04	2.32E-05	6.89E-05	1.51E-03	Residence	3.92E-07	0.39	0.00	4.88E-04	4.72E-04	4.56E-04	3.77E-05	6.34E-05	1.52E-03
606792	4121860	4.60E-04	4.46E-04	4.32E-04	2.16E-05	6.46E-05	1.42E-03	Residence	3.70E-07	0.37	0.00	4.60E-04	4.46E-04	4.32E-04	3.52E-05	5.94E-05	1.43E-03
606812	4121860	4.36E-04	4.23E-04	4.10E-04	2.03E-05	6.06E-05	1.35E-03	Residence	3.51E-07	0.35	0.00	4.36E-04	4.23E-04	4.10E-04	3.29E-05	5.58E-05	1.36E-03
606832	4121860	4.14E-04	4.02E-04	3.91E-04	1.90E-05	5.71E-05	1.28E-03	Residence	3.33E-07	0.33	0.00	4.14E-04	4.02E-04	3.91E-04	3.09E-05	5.25E-05	1.29E-03
606852	4121860	3.94E-04	3.83E-04	3.73E-04	1.79E-05	5.38E-05	1.22E-03	Residence	3.17E-07	0.32	0.00	3.94E-04	3.83E-04	3.73E-04	2.90E-05	4.95E-05	1.23E-03
605632	4121880	1.33E-04	1.36E-04	1.38E-04	1.10E-05	4.16E-05	4.60E-04	Residence	1.20E-07	0.12	0.00	1.33E-04	1.36E-04	1.38E-04	1.79E-05	3.83E-05	4.64E-04
605652	4121880	1.34E-04	1.37E-04	1.39E-04	1.17E-05	4.41E-05	4.66E-04	Residence	1.21E-07	0.12	0.00	1.34E-04	1.37E-04	1.39E-04	1.89E-05	4.06E-05	4.70E-04
605672	4121880	1.39E-04	1.42E-04	1.44E-04	1.24E-05	4.70E-05	4.84E-04	Residence	1.26E-07	0.13	0.00	1.39E-04	1.42E-04	1.44E-04	2.01E-05	4.32E-05	4.88E-04
605692	4121880	1.43E-04	1.46E-04	1.49E-04	1.32E-05	5.02E-05	5.02E-04	Residence	1.30E-07	0.13	0.00	1.43E-04	1.46E-04	1.49E-04	2.14E-05	4.61E-05	5.06E-04
605712	4121880	1.46E-04	1.49E-04	1.52E-04	1.40E-05	5.36E-05	5.15E-04	Residence	1.34E-07	0.13	0.00	1.46E-04	1.49E-04	1.52E-04	2.28E-05	4.93E-05	5.19E-04
605732	4121880	1.47E-04	1.50E-04	1.53E-04	1.50E-05	5.74E-05	5.23E-04	Residence	1.36E-07	0.14	0.00	1.47E-04	1.50E-04	1.53E-04	2.43E-05	5.28E-05	5.28E-04
605752	4121880	1.52E-04	1.55E-04	1.58E-04	1.60E-05	6.18E-05	5.43E-04	Residence	1.41E-07	0.14	0.00	1.52E-04	1.55E-04	1.58E-04	2.61E-05	5.68E-05	5.48E-04
605772	4121880	1.57E-04	1.60E-04	1.64E-04	1.73E-05	6.68E-05	5.65E-04	Residence	1.47E-07	0.15	0.00	1.57E-04	1.60E-04	1.64E-04	2.80E-05	6.14E-05	5.70E-04
605792	4121880	1.59E-04	1.63E-04	1.67E-04	1.86E-05	7.23E-05	5.81E-04	Residence	1.51E-07	0.15	0.00	1.59E-04	1.63E-04	1.67E-04	3.02E-05	6.65E-05	5.87E-04
605812	4121880	1.59E-04	1.63E-04	1.67E-04	2.01E-05	7.84E-05	5.88E-04	Residence	1.53E-07	0.15	0.00	1.59E-04	1.63E-04	1.67E-04	3.26E-05	7.21E-05	5.95E-04
605832	4121880	1.62E-04	1.67E-04	1.71E-04	2.18E-05	8.56E-05	6.07E-04	Residence	1.58E-07	0.16	0.00	1.62E-04	1.67E-04	1.71E-04	3.54E-05	7.88E-05	6.13E-04
605852	4121880	1.66E-04	1.71E-04	1.75E-04	2.38E-05	9.41E-05	6.29E-04	Residence	1.64E-07	0.16	0.00	1.66E-04	1.71E-04	1.75E-04	3.86E-05	8.66E-05	6.37E-04
605872	4121880	1.67E-04	1.72E-04	1.77E-04	2.60E-05	1.04E-04	6.46E-04	Residence	1.68E-07	0.17	0.00	1.67E-04	1.72E-04	1.77E-04	4.22E-05	9.54E-05	6.54E-04
605892	4121880	1.64E-04	1.69E-04	1.74E-04	2.85E-05	1.15E-04	6.51E-04	Residence	1.69E-07	0.17	0.00	1.64E-04	1.69E-04	1.74E-04	4.64E-05	1.06E-04	6.60E-04
605912	4121880	1.66E-04	1.72E-04	1.77E-04	3.16E-05	1.28E-04	6.75E-04	Residence	1.75E-07	0.18	0.00	1.66E-04	1.72E-04	1.77E-04	5.13E-05	1.18E-04	6.84E-04
605932	4121880	1.68E-04	1.74E-04	1.79E-04	3.51E-05	1.44E-04	6.99E-04	Residence	1.82E-07	0.18	0.00	1.68E-04	1.74E-04	1.79E-04	5.70E-05	1.33E-04	7.10E-04
605952	4121880	1.70E-04	1.76E-04	1.82E-04	3.93E-05	1.64E-04	7.31E-04	Residence	1.90E-07	0.19	0.00	1.70E-04	1.76E-04	1.82E-04	6.38E-05	1.51E-04	7.42E-04
605972	4121880	1.71E-04	1.77E-04	1.83E-04	4.43E-05	1.87E-04	7.63E-04	Residence	1.98E-07	0.20	0.00	1.71E-04	1.77E-04	1.83E-04	7.19E-05	1.72E-04	7.76E-04
605992	4121880	1.72E-04	1.79E-04	1.85E-04	5.03E-05	2.17E-04	8.04E-04	Residence	2.09E-07	0.21	0.00	1.72E-04	1.79E-04	1.85E-04	8.17E-05	1.99E-04	8.18E-04
606012	4121880	1.73E-04	1.80E-04	1.88E-04	5.77E-05	2.54E-04	8.53E-04	Residence	2.22E-07	0.22	0.00	1.73E-04	1.80E-04	1.88E-04	9.37E-05	2.34E-04	8.69E-04
606032	4121880	1.75E-04	1.82E-04	1.90E-04	6.68E-05	3.03E-04	9.16E-04	Tulip Kids Academy	2.38E-07	0.24	0.00	1.75E-04	1.82E-04	1.90E-04	1.09E-04	2.78E-04	9.34E-04
606052	4121880	1.78E-04	1.86E-04	1.94E-04	7.84E-05	3.67E-04	1.00E-03	Tulip Kids Academy	2.61E-07	0.26	0.00	1.78E-04	1.86E-04	1.94E-04	1.27E-04	3.38E-04	1.02E-03
606072	4121880	1.83E-04	1.91E-04	2.00E-04	9.32E-05	4.56E-04	1.12E-03	Residence	2.92E-07	0.29	0.00	1.83E-04	1.91E-04	2.00E-04	1.51E-04	4.19E-04	1.14E-03
606452	4121880	1.69E-03	1.48E-03	1.29E-03	1.15E-04	3.09E-04	4.88E-03	Worker	1.27E-06	1.27	0.00	1.69E-03	1.48E-03	1.29E-03	1.87E-04	2.84E-04	4.93E-03
606472	4121880	1.45E-03	1.29E-03	1.14E-03	9.76E-05	2.66E-04	4.25E-03	Worker	1.10E-06	1.10	0.00	1.45E-03	1.29E-03	1.14E-03	1.59E-04	2.45E-04	4.29E-03
606492	4121880	1.27E-03	1.13E-03	1.02E-03	8.40E-05	2.32E-04	3.73E-03	Residence	9.71E-07	0.97	0.00	1.27E-03	1.13E-03	1.02E-03	1.36E-04	2.13E-04	3.77E-03
606512	4121880	1.12E-03	1.01E-03	9.19E-04	7.30E-05	2.04E-04	3.32E-03	Residence	8.64E-07	0.86	0.00	1.12E-03	1.01E-03	9.19E-04	1.19E-04	1.88E-04	3.35E-03
606532	4121880	9.97E-04	9.11E-04	8.36E-04	6.42E-05	1.81E-04	2.99E-03	Residence	7.77E-07	0.78	0.00	9.97E-04	9.11E-04	8.36E-04	1.04E-04	1.67E-04	3.01E-03
606552	4121880	9.00E-04	8.29E-04	7.67E-04	5.69E-05	1.62E-04	2.72E-03	Residence	7.06E-07	0.71	0.00	9.00E-04	8.29E-04	7.67E-04	9.24E-05	1.49E-04	2.74E-03
606572	4121880	8.24E-04	7.65E-04	7.13E-04	5.09E-05	1.46E-04	2.50E-03	Residence	6.50E-07	0.65	0.00	8.24E-04	7.65E-04	7.13E-04	8.27E-05	1.34E-04	2.52E-03
606592	4121880	7.58E-04	7.08E-04	6.64E-04	4.57E-05	1.32E-04	2.31E-03	Residence	6.00E-07	0.60	0.00	7.58E-04	7.08E-04	6.64E-04	7.43E-05	1.22E-04	2.33E-03
606612	4121880	6.98E-04	6.56E-04	6.19E-04	4.13E-05	1.20E-04	2.13E-03	Residence	5.55E-07	0.55	0.00	6.98E-04	6.56E-04	6.19E-04	6.71E-05	1.11E-04	2.15E-03
606632	4121880	6.44E-04	6.09E-04	5.77E-04	3.75E-05	1.10E-04	1.98E-03	Residence	5.14E-07	0.51	0.00	6.44E-04	6.09E-04	5.77E-04	6.09E-05	1.01E-04	1.99E-03
606652	4121880	6.00E-04	5.69E-04	5.42E-04	3.42E-05	1.01E-04	1.85E-03	Residence	4.80E-07	0.48	0.00	6.00E-04	5.69E-04	5.42E-04	5.55E-05	9.28E-05	1.86E-03
606672	4121880	5.65E-04	5.39E-04	5.15E-04	3.14E-05	9.31E-05	1.74E-03	Residence	4.53E-07	0.45	0.00	5.65E-04	5.39E-04	5.15E-04	5.10E-05	8.56E-05	1.76E-03
606692	4121880	5.33E-04	5.10E-04	4.89E-04	2.89E-05	8.62E-05	1.65E-03	Residence	4.28E-07	0.43	0.00	5.33E-04	5.10E-04	4.89E-04	4.70E-05	7.93E-05	1.66E-03
606712	4121880	5.04E-04	4.83E-04	4.65E-04	2.68E-05	8.00E-05	1.56E-03	Residence	4.05E-07	0.41	0.00	5.04E-04	4.83E-04	4.65E-04	4.35E-05	7.36E-05	1.57E-03
606732	4121880	4.78E-04	4.60E-04	4.44E-04	2.48E-05	7.46E-05	1.48E-03	Residence	3.85E-07	0.39	0.00	4.78E-04	4.60E-04	4.44E-04	4.04E-05	6.86E-05	1.49E-03

606752	4121880	4.55E-04	4.39E-04	4.24E-04	2.31E-05	6.97E-05	1.41E-03	Residence	3.67E-07	0.37	0.00	4.55E-04	4.39E-04	4.24E-04	3.76E-05	6.41E-05	1.42E-03
606772	4121880	4.36E-04	4.22E-04	4.08E-04	2.16E-05	6.54E-05	1.35E-03	Residence	3.52E-07	0.35	0.00	4.36E-04	4.22E-04	4.08E-04	3.51E-05	6.01E-05	1.36E-03
606792	4121880	4.14E-04	4.01E-04	3.89E-04	2.02E-05	6.13E-05	1.28E-03	Residence	3.34E-07	0.33	0.00	4.14E-04	4.01E-04	3.89E-04	3.29E-05	5.64E-05	1.29E-03
606812	4121880	3.94E-04	3.82E-04	3.71E-04	1.90E-05	5.77E-05	1.22E-03	Residence	3.18E-07	0.32	0.00	3.94E-04	3.82E-04	3.71E-04	3.08E-05	5.31E-05	1.23E-03
606832	4121880	3.75E-04	3.65E-04	3.55E-04	1.78E-05	5.44E-05	1.17E-03	Residence	3.03E-07	0.30	0.00	3.75E-04	3.65E-04	3.55E-04	2.90E-05	5.01E-05	1.17E-03
606852	4121880	3.59E-04	3.49E-04	3.40E-04	1.68E-05	5.14E-05	1.12E-03	Residence	2.90E-07	0.29	0.00	3.59E-04	3.49E-04	3.40E-04	2.73E-05	4.73E-05	1.12E-03
605632	4121900	1.42E-04	1.45E-04	1.48E-04	1.21E-05	4.34E-05	4.91E-04	Residence	1.28E-07	0.13	0.00	1.42E-04	1.45E-04	1.48E-04	1.96E-05	3.99E-05	4.95E-04
605652	4121900	1.43E-04	1.46E-04	1.49E-04	1.28E-05	4.60E-05	4.97E-04	Residence	1.29E-07	0.13	0.00	1.43E-04	1.46E-04	1.49E-04	2.08E-05	4.24E-05	5.01E-04
605672	4121900	1.48E-04	1.51E-04	1.54E-04	1.37E-05	4.91E-05	5.16E-04	Residence	1.34E-07	0.13	0.00	1.48E-04	1.51E-04	1.54E-04	2.22E-05	4.52E-05	5.21E-04
605692	4121900	1.53E-04	1.57E-04	1.60E-04	1.46E-05	5.26E-05	5.37E-04	Residence	1.39E-07	0.14	0.00	1.53E-04	1.57E-04	1.60E-04	2.37E-05	4.84E-05	5.41E-04
605712	4121900	1.57E-04	1.61E-04	1.64E-04	1.56E-05	5.63E-05	5.53E-04	Residence	1.44E-07	0.14	0.00	1.57E-04	1.61E-04	1.64E-04	2.54E-05	5.18E-05	5.59E-04
605732	4121900	1.58E-04	1.62E-04	1.65E-04	1.68E-05	6.04E-05	5.62E-04	Residence	1.46E-07	0.15	0.00	1.58E-04	1.62E-04	1.65E-04	2.72E-05	5.55E-05	5.68E-04
605752	4121900	1.63E-04	1.67E-04	1.71E-04	1.80E-05	6.52E-05	5.85E-04	Residence	1.52E-07	0.15	0.00	1.63E-04	1.67E-04	1.71E-04	2.93E-05	5.99E-05	5.91E-04
605772	4121900	1.70E-04	1.74E-04	1.78E-04	1.95E-05	7.06E-05	6.12E-04	Residence	1.59E-07	0.16	0.00	1.70E-04	1.74E-04	1.78E-04	3.17E-05	6.50E-05	6.18E-04
605792	4121900	1.73E-04	1.78E-04	1.82E-04	2.11E-05	7.66E-05	6.30E-04	Residence	1.64E-07	0.16	0.00	1.73E-04	1.78E-04	1.82E-04	3.43E-05	7.05E-05	6.37E-04
605812	4121900	1.73E-04	1.78E-04	1.83E-04	2.30E-05	8.33E-05	6.40E-04	Residence	1.66E-07	0.17	0.00	1.73E-04	1.78E-04	1.83E-04	3.73E-05	7.67E-05	6.48E-04
605832	4121900	1.77E-04	1.82E-04	1.87E-04	2.51E-05	9.14E-05	6.64E-04	Residence	1.72E-07	0.17	0.00	1.77E-04	1.82E-04	1.87E-04	4.08E-05	8.41E-05	6.72E-04
605852	4121900	1.82E-04	1.87E-04	1.93E-04	2.76E-05	1.01E-04	6.90E-04	Residence	1.79E-07	0.18	0.00	1.82E-04	1.87E-04	1.93E-04	4.48E-05	9.27E-05	7.00E-04
605872	4121900	1.83E-04	1.90E-04	1.95E-04	3.04E-05	1.11E-04	7.10E-04	Residence	1.85E-07	0.18	0.00	1.83E-04	1.90E-04	1.95E-04	4.95E-05	1.03E-04	7.20E-04
605892	4121900	1.81E-04	1.88E-04	1.93E-04	3.38E-05	1.24E-04	7.20E-04	Residence	1.87E-07	0.19	0.00	1.81E-04	1.88E-04	1.93E-04	5.49E-05	1.14E-04	7.31E-04
605912	4121900	1.83E-04	1.89E-04	1.95E-04	3.78E-05	1.39E-04	7.44E-04	Residence	1.93E-07	0.19	0.00	1.83E-04	1.89E-04	1.95E-04	6.14E-05	1.28E-04	7.57E-04
605932	4121900	1.85E-04	1.92E-04	1.99E-04	4.25E-05	1.57E-04	7.75E-04	Residence	2.01E-07	0.20	0.00	1.85E-04	1.92E-04	1.99E-04	6.91E-05	1.45E-04	7.89E-04
605952	4121900	1.88E-04	1.95E-04	2.02E-04	4.83E-05	1.80E-04	8.13E-04	Residence	2.11E-07	0.21	0.00	1.88E-04	1.95E-04	2.02E-04	7.86E-05	1.65E-04	8.29E-04
605972	4121900	1.91E-04	2.00E-04	2.07E-04	5.55E-05	2.08E-04	8.61E-04	Residence	2.24E-07	0.22	0.00	1.91E-04	2.00E-04	2.07E-04	9.02E-05	1.91E-04	8.80E-04
605992	4121900	1.95E-04	2.04E-04	2.12E-04	6.44E-05	2.43E-04	9.18E-04	Residence	2.39E-07	0.24	0.00	1.95E-04	2.04E-04	2.12E-04	1.05E-04	2.23E-04	9.39E-04
606012	4121900	1.98E-04	2.08E-04	2.17E-04	7.58E-05	2.88E-04	9.87E-04	Residence	2.56E-07	0.26	0.00	1.98E-04	2.08E-04	2.17E-04	1.23E-04	2.65E-04	1.01E-03
606032	4121900	2.02E-04	2.13E-04	2.24E-04	9.06E-05	3.48E-04	1.08E-03	Residence	2.80E-07	0.28	0.00	2.02E-04	2.13E-04	2.24E-04	1.47E-04	3.20E-04	1.11E-03
606052	4121900	2.07E-04	2.18E-04	2.31E-04	1.10E-04	4.29E-04	1.20E-03	Residence	3.11E-07	0.31	0.00	2.07E-04	2.18E-04	2.31E-04	1.79E-04	3.95E-04	1.23E-03
606072	4121900	2.12E-04	2.25E-04	2.38E-04	1.38E-04	5.44E-04	1.36E-03	Residence	3.52E-07	0.35	0.00	2.12E-04	2.25E-04	2.38E-04	2.24E-04	5.00E-04	1.40E-03
606452	4121900	1.09E-03	9.37E-04	8.21E-04	9.76E-05	2.73E-04	3.22E-03	Worker	8.36E-07	0.84	0.00	1.09E-03	9.37E-04	8.21E-04	1.59E-04	2.51E-04	3.25E-03
606472	4121900	9.82E-04	8.62E-04	7.68E-04	8.37E-05	2.37E-04	2.93E-03	Worker	7.62E-07	0.76	0.00	9.82E-04	8.62E-04	7.68E-04	1.36E-04	2.18E-04	2.97E-03
606492	4121900	8.91E-04	7.95E-04	7.18E-04	7.28E-05	2.08E-04	2.69E-03	Residence	6.98E-07	0.70	0.00	8.91E-04	7.95E-04	7.18E-04	1.18E-04	1.91E-04	2.71E-03
606512	4121900	8.16E-04	7.37E-04	6.73E-04	6.39E-05	1.85E-04	2.47E-03	Residence	6.43E-07	0.64	0.00	8.16E-04	7.37E-04	6.73E-04	1.04E-04	1.70E-04	2.50E-03
606532	4121900	7.52E-04	6.87E-04	6.34E-04	5.66E-05	1.65E-04	2.29E-03	Residence	5.96E-07	0.60	0.00	7.52E-04	6.87E-04	6.34E-04	9.20E-05	1.52E-04	2.32E-03
606552	4121900	6.97E-04	6.43E-04	5.98E-04	5.05E-05	1.48E-04	2.14E-03	Residence	5.55E-07	0.56	0.00	6.97E-04	6.43E-04	5.98E-04	8.21E-05	1.36E-04	2.16E-03
606572	4121900	6.53E-04	6.07E-04	5.68E-04	4.55E-05	1.34E-04	2.01E-03	Residence	5.22E-07	0.52	0.00	6.53E-04	6.07E-04	5.68E-04	7.39E-05	1.24E-04	2.03E-03
606592	4121900	6.13E-04	5.73E-04	5.40E-04	4.11E-05	1.22E-04	1.89E-03	Residence	4.91E-07	0.49	0.00	6.13E-04	5.73E-04	5.40E-04	6.68E-05	1.12E-04	1.91E-03
606612	4121900	5.75E-04	5.41E-04	5.12E-04	3.74E-05	1.12E-04	1.78E-03	Residence	4.62E-07	0.46	0.00	5.75E-04	5.41E-04	5.12E-04	6.07E-05	1.03E-04	1.79E-03
606632	4121900	5.40E-04	5.11E-04	4.86E-04	3.41E-05	1.02E-04	1.67E-03	Residence	4.35E-07	0.43	0.00	5.40E-04	5.11E-04	4.86E-04	5.54E-05	9.42E-05	1.69E-03
606652	4121900	5.10E-04	4.85E-04	4.63E-04	3.12E-05	9.43E-05	1.58E-03	Residence	4.11E-07	0.41	0.00	5.10E-04	4.85E-04	4.63E-04	5.08E-05	8.67E-05	1.59E-03
606672	4121900	4.87E-04	4.65E-04	4.45E-04	2.88E-05	8.73E-05	1.51E-03	Residence	3.93E-07	0.39	0.00	4.87E-04	4.65E-04	4.45E-04	4.69E-05	8.03E-05	1.52E-03
606692	4121900	4.63E-04	4.43E-04	4.26E-04	2.67E-05	8.10E-05	1.44E-03	Residence	3.74E-07	0.37	0.00	4.63E-04	4.43E-04	4.26E-04	4.33E-05	7.45E-05	1.45E-03
606712	4121900	4.42E-04	4.25E-04	4.09E-04	2.47E-05	7.55E-05	1.38E-03	Residence	3.58E-07	0.36	0.00	4.42E-04	4.25E-04	4.09E-04	4.02E-05	6.94E-05	1.39E-03
606732	4121900	4.23E-04	4.08E-04	3.94E-04	2.30E-05	7.05E-05	1.32E-03	Residence	3.43E-07	0.34	0.00	4.23E-04	4.08E-04	3.94E-04	3.75E-05	6.49E-05	1.33E-03
606752	4121900	4.06E-04	3.92E-04	3.80E-04	2.15E-05	6.60E-05	1.27E-03	Residence	3.29E-07	0.33	0.00	4.06E-04	3.92E-04	3.80E-04	3.50E-05	6.08E-05	1.27E-03
606772	4121900	3.90E-04	3.78E-04	3.66E-04	2.02E-05	6.20E-05	1.22E-03	Residence	3.16E-07	0.32	0.00	3.90E-04	3.78E-04	3.66E-04	3.28E-05	5.71E-05	1.22E-03
606792	4121900	3.74E-04	3.62E-04	3.52E-04	1.89E-05	5.83E-05	1.17E-03	Residence	3.03E-07	0.30	0.00	3.74E-04	3.62E-04	3.52E-04	3.08E-05	5.37E-05	1.17E-03
606812	4121900	3.58E-04	3.48E-04	3.39E-04	1.78E-05	5.50E-05	1.12E-03	Residence	2.91E-07	0.29	0.00	3.58E-04	3.48E-04	3.39E-04	2.89E-05	5.06E-05	1.12E-03
606832	4121900	3.44E-04	3.35E-04	3.26E-04	1.68E-05	5.20E-05	1.07E-03	Residence	2.79E-07	0.28	0.00	3.44E-04	3.35E-04	3.26E-04	2.73E-05	4.78E-05	1.08E-03
606852	4121900	3.31E-04	3.22E-04	3.14E-04	1.59E-05	4.92E-05	1.03E-03	Residence	2.68E-07	0.27	0.00	3.31E-04	3.22E-04	3.14E-04	2.58E-05	4.52E-05	1.04E-03
605632	4121920	1.52E-04	1.55E-04	1.58E-04	1.33E-05	4.53E-05	5.24E-04	Residence	1.36E-07	0.14	0.00	1.52E-04	1.55E-04	1.58E-04	2.16E-05	4.17E-05	5.29E-04
605652	4121920	1.53E-04	1.57E-04	1.60E-04	1.41E-05	4.82E-05	5.32E-04	Residence	1.38E-07	0.14	0.00	1.53E-04	1.57E-04	1.60E-04	2.30E-05	4.43E-05	5.37E-04
605672	4121920	1.59E-04	1.62E-04	1.66E-04	1.51E-05	5.15E-05	5.53E-04	Residence	1.44E-07	0.14	0.00	1.59E-04	1.62E-04	1.66E-04	2.46E-05	4.74E-05	5.59E-04
605692	4121920	1.65E-04	1.68E-04	1.72E-04	1.62E-05	5.52E-05	5.77E-04	Residence	1.50E-07	0.15	0.00	1.65E-04	1.68E-04	1.72E-04	2.63E-05	5.08E-05	5.82E-04
605712	4121920	1.69E-04	1.73E-04	1.77E-04	1.74E-05	5.92E-05	5.96E-04	Residence	1.55E-07	0.16	0.00	1.69E-04	1.73E-04	1.77E-04	2.83E-05	5.45E-05	6.03E-04
605732	4121920	1.71E-04	1.75E-04	1.79E-04	1.87E-05	6.36E-05	6.07E-04	Residence	1.58E-07	0.16	0.00	1.71E-04	1.75E-04	1.79E-04	3.05E-05	5.85E-05	6.14E-04
605752	4121920	1.77E-04	1.82E-04	1.86E-04	2.03E-05	6.89E-05	6.34E-04	Residence	1.65E-07	0.16	0.00	1.77E-04	1.82E-04	1.86E-04	3.30E-05	6.33E-05	6.42E-04
605772	4121920	1.84E-04	1.89E-04	1.94E-04	2.21E-05	7.48E-05	6.63E-04	Residence	1.72E-07	0.17	0.00	1.84E-04	1.89E-04	1.94E-04	3.58E-05	6.88E-05	6.71E-04
605792	4121920	1.88E-04	1.93E-04	1.99E-04	2.40E-05	8.14E-05	6.86E-04	Residence	1.78E-07	0.18	0.00	1.88E-04	1.93E-04	1.99E-04	3.91E-05	7.49E-05	6.94E-04
605812	4121920	1.90E-04	1.95E-04	2.01E-04	2.63E-05	8.88E-05	7.00E-04	Residence	1.82E-07	0.18	0.00	1.90E-04	1.95E-04	2.01E-04	4.27E-05	8.17E-05	7.10E-04
605832	4121920	1.95E-04	2.01E-04	2.07E-04	2.90E-05	9.77E-05	7.30E-04	Residence	1.90E-07	0.19	0.00	1.95E-04	2.01E-04	2.07E-04	4.71E-05	8.99E-05	7.40E-04
605852	4121920	2.00E-04	2.07E-04	2.14E-04	3.21E-05	1.08E-04	7.61E-04	Residence	1.98E-07	0.20	0.00	2.00E-04	2.07E-04	2.14E-04	5.21E-05	9.95E-05	7.73E-04
605872	4121920	2.03E-04	2.11E-04	2.18E-04	3.57E-05	1.20E-04	7.87E-04	Residence	2.05E-07	0.20	0.00	2.03E-04	2.11E-04	2.18E-04	5.80E-05	1.11E-04	8.00E-04
605892	4121920	2.02E-04	2.10E-04	2.17E-04	4.00E-05	1.34E-04	8.03E-04	Residence	2.09E-07	0.21	0.00	2.02E-04	2.10E-04	2.17E-04	6.50E-05	1.23E-04	8.17E-04
605912	4121920	2.08E-04	2.16E-04	2.24E-04	4.53E-05	1.52E-04	8.44E-04	Residence	2.19E-07	0.22	0.00	2.08E-04	2.16E-04	2.24E-04	7.36E-05	1.40E-04	8.60E-04
605932	4121920	2.13E-04	2.22E-04	2.30E-04	5.17E-05	1.73E-04	8.89E-04	Residence	2.31E-07	0.23	0.00	2.13E-04	2.22E-04	2.30E-04	8.40E-05	1.59E-04	9.08E-04
605952	4121920	2.16E-04	2.26E-04	2.36E-04	5.96E-05	1.99E-04	9.36E-04	Residence	2.43E-07	0.24	0.00	2.16E-04	2.26E-04	2.36E-04	9.68E-05	1.83E-04	9.58E-04
605972	4121920	2.20E-04	2.31E-04	2.42E-04	6.95E-05	2.31E-04	9.94E-04	Residence	2.58E-07	0.26	0.00	2.20E-04	2.31E-04	2.42E-04	1.13E-04	2.13E-04	1.02E-03
605992	4121920	2.25E-04	2.37E-04	2.49E-04	8.23E-05	2.73E-04	1.07E-03	Residence	2.77E-07	0.28	0.00	2.25E-04	2.37E-04	2.49E-04	1.34E-04	2.51E-04	1.10E-03
606012	4121920	2.29E-04	2.43E-04	2.56E-04	9.92E-05	3.28E-04	1.16E-03	Residence	3.00E-07	0.30	0.00	2.29E-04	2.43E-04	2.56E-04	1.61E-04	3.02E-04	1.19E-03
606032	4121920	2.36E-04	2.51E-04	2.66E-04	1.22E-04	4.02E-04	1.28E-03	Residence	3.32E-07	0.33	0.00	2.36E-04	2.51E-04	2.66E-04	1.99E-04	3.70E-04	1.32E-03
606052	4121920	2.45E-04	2.61E-04	2.78E-04	1.55E-04	5.05E-04	1.44E-03	Residence	3.75E-07	0.38	0.00	2.45E-04	2.61E-04	2.78E-04	2.51E-04	4.65E-04	1.50E-03
606072	4121920	2.56E-04	2.74E-04	2.94E-04	2.03E-04	6.57E-04	1.68E-03	Residence	4.38E-07	0.44	0.00	2.56E-04	2.74E-04	2.94E-04	3.30E-04	6.04E-04	1.76E-03

606452	4121920	7.04E-04	6.24E-04	5.65E-04	8.27E-05	2.41E-04	2.22E-03	Worker	5.76E-07	0.58	0.00	7.04E-04	6.24E-04	5.65E-04	1.34E-04	2.22E-04	2.25E-03
606472	4121920	6.70E-04	6.00E-04	5.47E-04	7.19E-05	2.12E-04	2.10E-03	Worker	5.46E-07	0.55	0.00	6.70E-04	6.00E-04	5.47E-04	1.17E-04	1.95E-04	2.13E-03
606532	4121920	5.74E-04	5.30E-04	4.94E-04	5.01E-05	1.51E-04	1.80E-03	Residence	4.68E-07	0.47	0.00	5.74E-04	5.30E-04	4.94E-04	8.13E-05	1.38E-04	1.82E-03
606572	4121920	5.22E-04	4.88E-04	4.61E-04	4.07E-05	1.24E-04	1.64E-03	Residence	4.25E-07	0.43	0.00	5.22E-04	4.88E-04	4.61E-04	6.62E-05	1.14E-04	1.65E-03
606592	4121920	5.00E-04	4.70E-04	4.46E-04	3.71E-05	1.13E-04	1.57E-03	Residence	4.07E-07	0.41	0.00	5.00E-04	4.70E-04	4.46E-04	6.03E-05	1.04E-04	1.58E-03
606612	4121920	4.78E-04	4.53E-04	4.31E-04	3.39E-05	1.04E-04	1.50E-03	Residence	3.90E-07	0.39	0.00	4.78E-04	4.53E-04	4.31E-04	5.51E-05	9.55E-05	1.51E-03
606632	4121920	4.56E-04	4.34E-04	4.14E-04	3.11E-05	9.56E-05	1.43E-03	Residence	3.72E-07	0.37	0.00	4.56E-04	4.34E-04	4.14E-04	5.05E-05	8.79E-05	1.44E-03
606652	4121920	4.37E-04	4.17E-04	4.00E-04	2.86E-05	8.83E-05	1.37E-03	Residence	3.56E-07	0.36	0.00	4.37E-04	4.17E-04	4.00E-04	4.65E-05	8.12E-05	1.38E-03
606672	4121920	4.22E-04	4.04E-04	3.88E-04	2.65E-05	8.20E-05	1.32E-03	Residence	3.44E-07	0.34	0.00	4.22E-04	4.04E-04	3.88E-04	4.31E-05	7.55E-05	1.33E-03
606692	4121920	4.04E-04	3.88E-04	3.74E-04	2.46E-05	7.62E-05	1.27E-03	Residence	3.29E-07	0.33	0.00	4.04E-04	3.88E-04	3.74E-04	3.99E-05	7.01E-05	1.28E-03
606712	4121920	3.88E-04	3.74E-04	3.61E-04	2.29E-05	7.12E-05	1.22E-03	Residence	3.16E-07	0.32	0.00	3.88E-04	3.74E-04	3.61E-04	3.72E-05	6.55E-05	1.23E-03
606732	4121920	3.74E-04	3.61E-04	3.50E-04	2.14E-05	6.66E-05	1.17E-03	Residence	3.05E-07	0.30	0.00	3.74E-04	3.61E-04	3.50E-04	3.47E-05	6.13E-05	1.18E-03
606752	4121920	3.60E-04	3.49E-04	3.38E-04	2.00E-05	6.25E-05	1.13E-03	Residence	2.94E-07	0.29	0.00	3.60E-04	3.49E-04	3.38E-04	3.25E-05	5.75E-05	1.14E-03
606772	4121920	3.48E-04	3.37E-04	3.28E-04	1.88E-05	5.89E-05	1.09E-03	Residence	2.83E-07	0.28	0.00	3.48E-04	3.37E-04	3.28E-04	3.06E-05	5.41E-05	1.10E-03
606792	4121920	3.35E-04	3.26E-04	3.17E-04	1.77E-05	5.55E-05	1.05E-03	Residence	2.73E-07	0.27	0.00	3.35E-04	3.26E-04	3.17E-04	2.88E-05	5.10E-05	1.06E-03
606812	4121920	3.24E-04	3.15E-04	3.07E-04	1.67E-05	5.24E-05	1.01E-03	Residence	2.64E-07	0.26	0.00	3.24E-04	3.15E-04	3.07E-04	2.71E-05	4.82E-05	1.02E-03
606832	4121920	3.12E-04	3.04E-04	2.97E-04	1.58E-05	4.96E-05	9.78E-04	Residence	2.54E-07	0.25	0.00	3.12E-04	3.04E-04	2.97E-04	2.56E-05	4.56E-05	9.84E-04
606852	4121920	3.02E-04	2.95E-04	2.88E-04	1.49E-05	4.70E-05	9.47E-04	Residence	2.46E-07	0.25	0.00	3.02E-04	2.95E-04	2.88E-04	2.43E-05	4.33E-05	9.52E-04
605632	4121940	1.63E-04	1.66E-04	1.69E-04	1.46E-05	4.74E-05	5.60E-04	Residence	1.46E-07	0.15	0.00	1.63E-04	1.66E-04	1.69E-04	2.37E-05	4.36E-05	5.65E-04
605652	4121940	1.67E-04	1.70E-04	1.74E-04	1.56E-05	5.05E-05	5.77E-04	Venegas Family Daycare	1.50E-07	0.15	0.00	1.67E-04	1.70E-04	1.74E-04	2.53E-05	4.65E-05	5.83E-04
605672	4121940	1.72E-04	1.76E-04	1.80E-04	1.67E-05	5.40E-05	5.98E-04	Venegas Family Daycare	1.56E-07	0.16	0.00	1.72E-04	1.76E-04	1.80E-04	2.72E-05	4.97E-05	6.04E-04
605692	4121940	1.78E-04	1.82E-04	1.86E-04	1.80E-05	5.80E-05	6.22E-04	Residence	1.62E-07	0.16	0.00	1.78E-04	1.82E-04	1.86E-04	2.92E-05	5.33E-05	6.28E-04
605712	4121940	1.83E-04	1.88E-04	1.92E-04	1.94E-05	6.24E-05	6.45E-04	Residence	1.68E-07	0.17	0.00	1.83E-04	1.88E-04	1.92E-04	3.15E-05	5.74E-05	6.52E-04
605732	4121940	1.88E-04	1.93E-04	1.98E-04	2.10E-05	6.73E-05	6.67E-04	Residence	1.73E-07	0.17	0.00	1.88E-04	1.93E-04	1.98E-04	3.41E-05	6.19E-05	6.75E-04
605752	4121940	1.94E-04	1.99E-04	2.04E-04	2.28E-05	7.29E-05	6.94E-04	Residence	1.80E-07	0.18	0.00	1.94E-04	1.99E-04	2.04E-04	3.71E-05	6.71E-05	7.02E-04
605772	4121940	2.01E-04	2.07E-04	2.12E-04	2.49E-05	7.93E-05	7.23E-04	Residence	1.88E-07	0.19	0.00	2.01E-04	2.07E-04	2.12E-04	4.05E-05	7.30E-05	7.33E-04
605792	4121940	2.06E-04	2.12E-04	2.18E-04	2.73E-05	8.65E-05	7.50E-04	Residence	1.95E-07	0.19	0.00	2.06E-04	2.12E-04	2.18E-04	4.44E-05	7.96E-05	7.60E-04
605812	4121940	2.08E-04	2.15E-04	2.21E-04	3.01E-05	9.47E-05	7.68E-04	Residence	2.00E-07	0.20	0.00	2.08E-04	2.15E-04	2.21E-04	4.88E-05	8.72E-05	7.80E-04
605832	4121940	2.16E-04	2.23E-04	2.30E-04	3.33E-05	1.05E-04	8.08E-04	Residence	2.10E-07	0.21	0.00	2.16E-04	2.23E-04	2.30E-04	5.42E-05	9.63E-05	8.20E-04
605852	4121940	2.22E-04	2.30E-04	2.38E-04	3.72E-05	1.16E-04	8.44E-04	Residence	2.19E-07	0.22	0.00	2.22E-04	2.30E-04	2.38E-04	6.04E-05	1.07E-04	8.58E-04
605872	4121940	2.27E-04	2.35E-04	2.44E-04	4.17E-05	1.30E-04	8.78E-04	Residence	2.28E-07	0.23	0.00	2.27E-04	2.35E-04	2.44E-04	6.78E-05	1.19E-04	8.93E-04
605892	4121940	2.27E-04	2.36E-04	2.45E-04	4.72E-05	1.46E-04	9.01E-04	Residence	2.34E-07	0.23	0.00	2.27E-04	2.36E-04	2.45E-04	7.67E-05	1.34E-04	9.19E-04
605912	4121940	2.37E-04	2.46E-04	2.56E-04	5.39E-05	1.66E-04	9.58E-04	Residence	2.49E-07	0.25	0.00	2.37E-04	2.46E-04	2.56E-04	8.76E-05	1.53E-04	9.79E-04
605932	4121940	2.43E-04	2.54E-04	2.64E-04	6.22E-05	1.90E-04	1.01E-03	Residence	2.63E-07	0.26	0.00	2.43E-04	2.54E-04	2.64E-04	1.01E-04	1.75E-04	1.04E-03
605952	4121940	2.48E-04	2.61E-04	2.73E-04	7.26E-05	2.20E-04	1.07E-03	Residence	2.79E-07	0.28	0.00	2.48E-04	2.61E-04	2.73E-04	1.18E-04	2.02E-04	1.10E-03
605972	4121940	2.55E-04	2.69E-04	2.82E-04	8.60E-05	2.58E-04	1.15E-03	Residence	2.99E-07	0.30	0.00	2.55E-04	2.69E-04	2.82E-04	1.40E-04	2.38E-04	1.18E-03
605992	4121940	2.63E-04	2.78E-04	2.93E-04	1.04E-04	3.08E-04	1.25E-03	Residence	3.24E-07	0.32	0.00	2.63E-04	2.78E-04	2.93E-04	1.68E-04	2.83E-04	1.29E-03
606012	4121940	2.72E-04	2.89E-04	3.05E-04	1.28E-04	3.74E-04	1.37E-03	Residence	3.56E-07	0.36	0.00	2.72E-04	2.89E-04	3.05E-04	2.07E-04	3.44E-04	1.42E-03
606032	4121940	2.84E-04	3.03E-04	3.22E-04	1.61E-04	4.65E-04	1.53E-03	Residence	3.99E-07	0.40	0.00	2.84E-04	3.03E-04	3.22E-04	2.62E-04	4.28E-04	1.60E-03
606052	4121940	3.00E-04	3.21E-04	3.43E-04	2.10E-04	5.93E-04	1.77E-03	Residence	4.59E-07	0.46	0.00	3.00E-04	3.21E-04	3.43E-04	3.42E-04	5.46E-04	1.85E-03
606072	4121940	3.20E-04	3.44E-04	3.70E-04	2.87E-04	7.83E-04	2.10E-03	Residence	5.47E-07	0.55	0.00	3.20E-04	3.44E-04	3.70E-04	4.66E-04	7.20E-04	2.22E-03
606532	4121940	4.54E-04	4.24E-04	4.00E-04	4.46E-05	1.38E-04	1.46E-03	Residence	3.79E-07	0.38	0.00	4.54E-04	4.24E-04	4.00E-04	7.25E-05	1.27E-04	1.48E-03
606572	4121940	4.28E-04	4.04E-04	3.84E-04	3.68E-05	1.15E-04	1.37E-03	Residence	3.55E-07	0.36	0.00	4.28E-04	4.04E-04	3.84E-04	5.97E-05	1.05E-04	1.38E-03
606592	4121940	4.17E-04	3.95E-04	3.77E-04	3.37E-05	1.05E-04	1.33E-03	Residence	3.45E-07	0.35	0.00	4.17E-04	3.95E-04	3.77E-04	5.47E-05	9.68E-05	1.34E-03
606612	4121940	4.05E-04	3.85E-04	3.69E-04	3.09E-05	9.69E-05	1.29E-03	Residence	3.35E-07	0.33	0.00	4.05E-04	3.85E-04	3.69E-04	5.02E-05	8.92E-05	1.30E-03
606632	4121940	3.91E-04	3.74E-04	3.59E-04	2.85E-05	8.95E-05	1.24E-03	Residence	3.23E-07	0.32	0.00	3.91E-04	3.74E-04	3.59E-04	4.63E-05	8.23E-05	1.25E-03
606652	4121940	3.80E-04	3.64E-04	3.50E-04	2.63E-05	8.30E-05	1.20E-03	Residence	3.13E-07	0.31	0.00	3.80E-04	3.64E-04	3.50E-04	4.28E-05	7.63E-05	1.21E-03
606672	4121940	3.70E-04	3.56E-04	3.43E-04	2.45E-05	7.73E-05	1.17E-03	Residence	3.04E-07	0.30	0.00	3.70E-04	3.56E-04	3.43E-04	3.98E-05	7.11E-05	1.18E-03
606692	4121940	3.57E-04	3.44E-04	3.33E-04	2.28E-05	7.20E-05	1.13E-03	Residence	2.94E-07	0.29	0.00	3.57E-04	3.44E-04	3.33E-04	3.70E-05	6.62E-05	1.14E-03
606712	4121940	3.46E-04	3.34E-04	3.24E-04	2.13E-05	6.73E-05	1.09E-03	Residence	2.84E-07	0.28	0.00	3.46E-04	3.34E-04	3.24E-04	3.46E-05	6.20E-05	1.10E-03
606732	4121940	3.36E-04	3.25E-04	3.16E-04	1.99E-05	6.32E-05	1.06E-03	Residence	2.75E-07	0.28	0.00	3.36E-04	3.25E-04	3.16E-04	3.24E-05	5.82E-05	1.07E-03
606752	4121940	3.25E-04	3.15E-04	3.07E-04	1.87E-05	5.94E-05	1.03E-03	Residence	2.67E-07	0.27	0.00	3.25E-04	3.15E-04	3.07E-04	3.04E-05	5.47E-05	1.03E-03
606772	4121940	3.15E-04	3.06E-04	2.98E-04	1.76E-05	5.60E-05	9.92E-04	Residence	2.58E-07	0.26	0.00	3.15E-04	3.06E-04	2.98E-04	2.86E-05	5.15E-05	9.98E-04
606792	4121940	3.04E-04	2.96E-04	2.89E-04	1.66E-05	5.29E-05	9.59E-04	Residence	2.49E-07	0.25	0.00	3.04E-04	2.96E-04	2.89E-04	2.70E-05	4.86E-05	9.65E-04
606812	4121940	2.94E-04	2.87E-04	2.80E-04	1.57E-05	5.00E-05	9.26E-04	Residence	2.41E-07	0.24	0.00	2.94E-04	2.87E-04	2.80E-04	2.55E-05	4.60E-05	9.32E-04
606832	4121940	2.85E-04	2.78E-04	2.72E-04	1.49E-05	4.74E-05	8.97E-04	Residence	2.33E-07	0.23	0.00	2.85E-04	2.78E-04	2.72E-04	2.41E-05	4.36E-05	9.03E-04
606852	4121940	2.78E-04	2.72E-04	2.66E-04	1.41E-05	4.50E-05	8.75E-04	Residence	2.27E-07	0.23	0.00	2.78E-04	2.72E-04	2.66E-04	2.29E-05	4.14E-05	8.80E-04
605632	4121960	1.74E-04	1.78E-04	1.82E-04	1.60E-05	4.95E-05	5.99E-04	Residence	1.56E-07	0.16	0.00	1.74E-04	1.78E-04	1.82E-04	2.60E-05	4.56E-05	6.05E-04
605652	4121960	1.80E-04	1.84E-04	1.88E-04	1.71E-05	5.29E-05	6.21E-04	Residence	1.61E-07	0.16	0.00	1.80E-04	1.84E-04	1.88E-04	2.78E-05	4.87E-05	6.27E-04
605672	4121960	1.86E-04	1.90E-04	1.94E-04	1.84E-05	5.67E-05	6.45E-04	Residence	1.68E-07	0.17	0.00	1.86E-04	1.90E-04	1.94E-04	3.00E-05	5.22E-05	6.52E-04
605692	4121960	1.92E-04	1.96E-04	2.01E-04	1.99E-05	6.09E-05	6.69E-04	Residence	1.74E-07	0.17	0.00	1.92E-04	1.96E-04	2.01E-04	3.23E-05	5.61E-05	6.77E-04
605712	4121960	1.98E-04	2.03E-04	2.08E-04	2.15E-05	6.57E-05	6.96E-04	Residence	1.81E-07	0.18	0.00	1.98E-04	2.03E-04	2.08E-04	3.50E-05	6.04E-05	7.04E-04
605732	4121960	2.05E-04	2.10E-04	2.16E-04	2.34E-05	7.11E-05	7.26E-04	Residence	1.89E-07	0.19	0.00	2.05E-04	2.10E-04	2.16E-04	3.81E-05	6.54E-05	7.35E-04
605752	4121960	2.12E-04	2.18E-04	2.23E-04	2.56E-05	7.72E-05	7.56E-04	Residence	1.96E-07	0.20	0.00	2.12E-04	2.18E-04	2.23E-04	4.15E-05	7.10E-05	7.66E-04
605772	4121960	2.20E-04	2.26E-04	2.32E-04	2.80E-05	8.42E-05	7.90E-04	Residence	2.05E-07	0.21	0.00	2.20E-04	2.26E-04	2.32E-04	4.55E-05	7.74E-05	8.01E-04
605792	4121960	2.25E-04	2.32E-04	2.39E-04	3.09E-05	9.21E-05	8.19E-04	Residence	2.13E-07	0.21	0.00	2.25E-04	2.32E-04	2.39E-04	5.02E-05	8.47E-05	8.31E-04
605812	4121960	2.30E-04	2.38E-04	2.45E-04	3.42E-05	1.01E-04	8.48E-04	Residence	2.20E-07	0.22	0.00	2.30E-04	2.38E-04	2.45E-04	5.55E-05	9.31E-05	8.61E-04
605832	4121960	2.41E-04	2.50E-04	2.57E-04	3.81E-05	1.12E-04	8.99E-04	Residence	2.34E-07	0.23	0.00	2.41E-04	2.50E-04	2.57E-04	6.19E-05	1.03E-04	9.13E-04
605852	4121960	2.48E-04	2.57E-04	2.66E-04	4.27E-05	1.25E-04	9.38E-04	Residence	2.44E-07	0.24	0.00	2.48E-04	2.57E-04	2.66E-04	6.94E-05	1.15E-04	9.55E-04
605872	4121960	2.55E-04	2.64E-04	2.74E-04	4.83E-05	1.40E-04	9.81E-04	Residence	2.55E-07	0.26	0.00	2.55E-04	2.64E-04	2.74E-04	7.85E-05	1.29E-04	1.00E-03
605892	4121960	2.58E-04	2.68E-04	2.78E-04	5.50E-05	1.58E-04	1.02E-03	Residence	2.64E-07	0.26	0.00	2.58E-04	2.68E-04	2.78E-04	8.94E-05	1.46E-04	1.04E-03
605912	4121960	2.70E-04	2.81E-04	2.92E-04	6.34E-05	1.81E-04	1.09E-03	Residence	2.83E-07	0.28	0.00	2.70E-04	2.81E-04	2.92E-04	1.03E-04	1.67E-04	1.11E-03
605932	4121960	2.78E-04	2.91E-04	3.04E-04	7.39E-05	2.09E-04	1.16E-03	Residence	3.01E-07	0.30	0.00	2.78E-04	2.91E-04	3.04E-04	1.20E-04	1.92E-04	1.19E-03

605952	4121960	2.89E-04	3.03E-04	3.17E-04	8.71E-05	2.43E-04	1.24E-03	Residence	3.22E-07	0.32	0.00	2.89E-04	3.03E-04	3.17E-04	1.42E-04	2.24E-04	1.27E-03
605972	4121960	3.00E-04	3.16E-04	3.31E-04	1.04E-04	2.88E-04	1.34E-03	Residence	3.48E-07	0.35	0.00	3.00E-04	3.16E-04	3.31E-04	1.70E-04	2.65E-04	1.38E-03
605992	4121960	3.14E-04	3.32E-04	3.49E-04	1.28E-04	3.46E-04	1.47E-03	Residence	3.82E-07	0.38	0.00	3.14E-04	3.32E-04	3.49E-04	2.07E-04	3.18E-04	1.52E-03
606012	4121960	3.29E-04	3.49E-04	3.69E-04	1.59E-04	4.23E-04	1.63E-03	Residence	4.24E-07	0.42	0.00	3.29E-04	3.49E-04	3.69E-04	2.59E-04	3.89E-04	1.70E-03
606032	4121960	3.48E-04	3.70E-04	3.93E-04	2.04E-04	5.28E-04	1.84E-03	Residence	4.79E-07	0.48	0.00	3.48E-04	3.70E-04	3.93E-04	3.32E-04	4.86E-04	1.93E-03
606052	4121960	3.73E-04	3.98E-04	4.24E-04	2.71E-04	6.74E-04	2.14E-03	Residence	5.56E-07	0.56	0.00	3.73E-04	3.98E-04	4.24E-04	4.40E-04	6.20E-04	2.26E-03
606072	4121960	4.04E-04	4.33E-04	4.62E-04	3.73E-04	8.82E-04	2.55E-03	Residence	6.64E-07	0.66	0.00	4.04E-04	4.33E-04	4.62E-04	6.07E-04	8.11E-04	2.72E-03
606572	4121960	3.61E-04	3.43E-04	3.29E-04	3.35E-05	1.07E-04	1.17E-03	Residence	3.05E-07	0.30	0.00	3.61E-04	3.43E-04	3.29E-04	5.45E-05	9.82E-05	1.19E-03
606592	4121960	3.56E-04	3.40E-04	3.27E-04	3.08E-05	9.84E-05	1.15E-03	Residence	2.99E-07	0.30	0.00	3.56E-04	3.40E-04	3.27E-04	5.01E-05	9.05E-05	1.16E-03
606612	4121960	3.49E-04	3.34E-04	3.22E-04	2.84E-05	9.09E-05	1.13E-03	Residence	2.93E-07	0.29	0.00	3.49E-04	3.34E-04	3.22E-04	4.62E-05	8.36E-05	1.14E-03
606632	4121960	3.41E-04	3.28E-04	3.17E-04	2.63E-05	8.41E-05	1.10E-03	Residence	2.85E-07	0.28	0.00	3.41E-04	3.28E-04	3.17E-04	4.27E-05	7.74E-05	1.11E-03
606652	4121960	3.35E-04	3.22E-04	3.12E-04	2.44E-05	7.82E-05	1.07E-03	Residence	2.79E-07	0.28	0.00	3.35E-04	3.22E-04	3.12E-04	3.96E-05	7.20E-05	1.08E-03
606672	4121960	3.29E-04	3.17E-04	3.08E-04	2.27E-05	7.30E-05	1.05E-03	Residence	2.73E-07	0.27	0.00	3.29E-04	3.17E-04	3.08E-04	3.70E-05	6.72E-05	1.06E-03
606692	4121960	3.20E-04	3.09E-04	3.00E-04	2.12E-05	6.82E-05	1.02E-03	Residence	2.65E-07	0.26	0.00	3.20E-04	3.09E-04	3.00E-04	3.45E-05	6.28E-05	1.03E-03
606712	4121960	3.12E-04	3.02E-04	2.94E-04	1.99E-05	6.39E-05	9.91E-04	Residence	2.58E-07	0.26	0.00	3.12E-04	3.02E-04	2.94E-04	3.23E-05	5.88E-05	9.98E-04
606732	4121960	3.06E-04	2.98E-04	2.90E-04	1.87E-05	6.02E-05	9.73E-04	Residence	2.53E-07	0.25	0.00	3.06E-04	2.98E-04	2.90E-04	3.04E-05	5.54E-05	9.80E-04
606752	4121960	2.97E-04	2.89E-04	2.82E-04	1.76E-05	5.67E-05	9.43E-04	Residence	2.45E-07	0.25	0.00	2.97E-04	2.89E-04	2.82E-04	2.86E-05	5.21E-05	9.50E-04
606772	4121960	2.89E-04	2.82E-04	2.75E-04	1.66E-05	5.35E-05	9.16E-04	Residence	2.38E-07	0.24	0.00	2.89E-04	2.82E-04	2.75E-04	2.69E-05	4.92E-05	9.22E-04
606792	4121960	2.81E-04	2.74E-04	2.68E-04	1.57E-05	5.06E-05	8.90E-04	Residence	2.31E-07	0.23	0.00	2.81E-04	2.74E-04	2.68E-04	2.54E-05	4.65E-05	8.96E-04
606812	4121960	2.71E-04	2.64E-04	2.58E-04	1.48E-05	4.78E-05	8.56E-04	Residence	2.22E-07	0.22	0.00	2.71E-04	2.64E-04	2.58E-04	2.41E-05	4.40E-05	8.61E-04
606832	4121960	2.63E-04	2.57E-04	2.51E-04	1.40E-05	4.54E-05	8.31E-04	Residence	2.16E-07	0.22	0.00	2.63E-04	2.57E-04	2.51E-04	2.28E-05	4.18E-05	8.36E-04
606852	4121960	2.58E-04	2.52E-04	2.47E-04	1.34E-05	4.32E-05	8.13E-04	Residence	2.11E-07	0.21	0.00	2.58E-04	2.52E-04	2.47E-04	2.17E-05	3.97E-05	8.18E-04
605632	4121980	1.85E-04	1.89E-04	1.93E-04	1.75E-05	5.17E-05	6.37E-04	Residence	1.66E-07	0.17	0.00	1.85E-04	1.89E-04	1.93E-04	2.84E-05	4.76E-05	6.44E-04
605652	4121980	1.92E-04	1.96E-04	2.00E-04	1.88E-05	5.54E-05	6.62E-04	Residence	1.72E-07	0.17	0.00	1.92E-04	1.96E-04	2.00E-04	3.05E-05	5.09E-05	6.69E-04
605672	4121980	1.98E-04	2.03E-04	2.07E-04	2.02E-05	5.94E-05	6.87E-04	Residence	1.79E-07	0.18	0.00	1.98E-04	2.03E-04	2.07E-04	3.29E-05	5.47E-05	6.95E-04
605692	4121980	2.05E-04	2.10E-04	2.14E-04	2.19E-05	6.40E-05	7.15E-04	Residence	1.86E-07	0.19	0.00	2.05E-04	2.10E-04	2.14E-04	3.56E-05	5.88E-05	7.23E-04
605712	4121980	2.12E-04	2.18E-04	2.23E-04	2.38E-05	6.91E-05	7.46E-04	Residence	1.94E-07	0.19	0.00	2.12E-04	2.18E-04	2.23E-04	3.87E-05	6.36E-05	7.56E-04
605732	4121980	2.21E-04	2.27E-04	2.32E-04	2.60E-05	7.50E-05	7.81E-04	Residence	2.03E-07	0.20	0.00	2.21E-04	2.27E-04	2.32E-04	4.22E-05	6.90E-05	7.91E-04
605752	4121980	2.30E-04	2.36E-04	2.42E-04	2.85E-05	8.16E-05	8.18E-04	Residence	2.13E-07	0.21	0.00	2.30E-04	2.36E-04	2.42E-04	4.62E-05	7.51E-05	8.29E-04
605772	4121980	2.39E-04	2.46E-04	2.52E-04	3.13E-05	8.92E-05	8.57E-04	Residence	2.23E-07	0.22	0.00	2.39E-04	2.46E-04	2.52E-04	5.09E-05	8.21E-05	8.70E-04
605792	4121980	2.47E-04	2.54E-04	2.62E-04	3.46E-05	9.80E-05	8.96E-04	Residence	2.33E-07	0.23	0.00	2.47E-04	2.54E-04	2.62E-04	5.63E-05	9.01E-05	9.09E-04
605812	4121980	2.56E-04	2.64E-04	2.72E-04	3.85E-05	1.08E-04	9.39E-04	Residence	2.44E-07	0.24	0.00	2.56E-04	2.64E-04	2.72E-04	6.26E-05	9.95E-05	9.54E-04
605832	4121980	2.68E-04	2.77E-04	2.86E-04	4.31E-05	1.20E-04	9.95E-04	Residence	2.59E-07	0.26	0.00	2.68E-04	2.77E-04	2.86E-04	7.01E-05	1.11E-04	1.01E-03
605852	4121980	2.77E-04	2.87E-04	2.97E-04	4.86E-05	1.35E-04	1.04E-03	Residence	2.71E-07	0.27	0.00	2.77E-04	2.87E-04	2.97E-04	7.90E-05	1.24E-04	1.06E-03
605872	4121980	2.86E-04	2.96E-04	3.07E-04	5.53E-05	1.51E-04	1.10E-03	Residence	2.85E-07	0.28	0.00	2.86E-04	2.96E-04	3.07E-04	8.99E-05	1.39E-04	1.12E-03
605892	4121980	2.93E-04	3.04E-04	3.15E-04	6.34E-05	1.72E-04	1.15E-03	Residence	2.98E-07	0.30	0.00	2.93E-04	3.04E-04	3.15E-04	1.03E-04	1.58E-04	1.17E-03
605912	4121980	3.06E-04	3.19E-04	3.31E-04	7.35E-05	1.97E-04	1.23E-03	Residence	3.19E-07	0.32	0.00	3.06E-04	3.19E-04	3.31E-04	1.19E-04	1.81E-04	1.26E-03
605932	4121980	3.19E-04	3.33E-04	3.47E-04	8.62E-05	2.28E-04	1.31E-03	Residence	3.41E-07	0.34	0.00	3.19E-04	3.33E-04	3.47E-04	1.40E-04	2.10E-04	1.35E-03
605952	4121980	3.33E-04	3.48E-04	3.63E-04	1.03E-04	2.67E-04	1.41E-03	Residence	3.67E-07	0.37	0.00	3.33E-04	3.48E-04	3.63E-04	1.67E-04	2.46E-04	1.46E-03
605972	4121980	3.50E-04	3.67E-04	3.84E-04	1.24E-04	3.17E-04	1.54E-03	Residence	4.01E-07	0.40	0.00	3.50E-04	3.67E-04	3.84E-04	2.01E-04	2.92E-04	1.59E-03
605992	4121980	3.71E-04	3.91E-04	4.10E-04	1.52E-04	3.81E-04	1.71E-03	Residence	4.43E-07	0.44	0.00	3.71E-04	3.91E-04	4.10E-04	2.48E-04	3.51E-04	1.77E-03
606012	4121980	3.95E-04	4.17E-04	4.39E-04	1.92E-04	4.65E-04	1.91E-03	Residence	4.96E-07	0.50	0.00	3.95E-04	4.17E-04	4.39E-04	3.11E-04	4.28E-04	1.99E-03
606032	4121980	4.23E-04	4.48E-04	4.72E-04	2.46E-04	5.76E-04	2.17E-03	Residence	5.63E-07	0.56	0.00	4.23E-04	4.48E-04	4.72E-04	4.00E-04	5.30E-04	2.27E-03
606052	4121980	4.58E-04	4.86E-04	5.13E-04	3.24E-04	7.24E-04	2.50E-03	Residence	6.51E-07	0.65	0.00	4.58E-04	4.86E-04	5.13E-04	5.26E-04	6.66E-04	2.65E-03
606072	4121980	5.01E-04	5.31E-04	5.61E-04	4.35E-04	9.16E-04	2.94E-03	Residence	7.65E-07	0.77	0.00	5.01E-04	5.31E-04	5.61E-04	7.07E-04	8.43E-04	3.14E-03
606512	4121980	3.16E-04	3.00E-04	2.88E-04	4.06E-05	1.30E-04	1.07E-03	Residence	2.79E-07	0.28	0.00	3.16E-04	3.00E-04	2.88E-04	6.60E-05	1.20E-04	1.09E-03
606532	4121980	3.15E-04	3.00E-04	2.88E-04	3.69E-05	1.19E-04	1.06E-03	Residence	2.75E-07	0.28	0.00	3.15E-04	3.00E-04	2.88E-04	6.00E-05	1.09E-04	1.07E-03
606572	4121980	3.12E-04	2.99E-04	2.88E-04	3.09E-05	1.00E-04	1.03E-03	Residence	2.68E-07	0.27	0.00	3.12E-04	2.99E-04	2.88E-04	5.03E-05	9.20E-05	1.04E-03
606592	4121980	3.10E-04	2.98E-04	2.88E-04	2.85E-05	9.24E-05	1.02E-03	Residence	2.65E-07	0.26	0.00	3.10E-04	2.98E-04	2.88E-04	4.64E-05	8.50E-05	1.03E-03
606612	4121980	3.07E-04	2.96E-04	2.87E-04	2.64E-05	8.55E-05	1.00E-03	Residence	2.60E-07	0.26	0.00	3.07E-04	2.96E-04	2.87E-04	4.29E-05	7.87E-05	1.01E-03
606632	4121980	3.03E-04	2.92E-04	2.84E-04	2.44E-05	7.94E-05	9.83E-04	Residence	2.56E-07	0.26	0.00	3.03E-04	2.92E-04	2.84E-04	3.97E-05	7.31E-05	9.92E-04
606652	4121980	2.99E-04	2.90E-04	2.82E-04	2.28E-05	7.41E-05	9.67E-04	Residence	2.51E-07	0.25	0.00	2.99E-04	2.90E-04	2.82E-04	3.70E-05	6.81E-05	9.76E-04
606672	4121980	2.96E-04	2.87E-04	2.79E-04	2.13E-05	6.93E-05	9.53E-04	Residence	2.48E-07	0.25	0.00	2.96E-04	2.87E-04	2.79E-04	3.46E-05	6.37E-05	9.61E-04
606692	4121980	2.90E-04	2.81E-04	2.74E-04	1.99E-05	6.48E-05	9.29E-04	Residence	2.42E-07	0.24	0.00	2.90E-04	2.81E-04	2.74E-04	3.23E-05	5.96E-05	9.36E-04
606712	4121980	2.84E-04	2.76E-04	2.70E-04	1.87E-05	6.09E-05	9.10E-04	Residence	2.37E-07	0.24	0.00	2.84E-04	2.76E-04	2.70E-04	3.03E-05	5.60E-05	9.17E-04
606732	4121980	2.81E-04	2.73E-04	2.67E-04	1.76E-05	5.74E-05	8.96E-04	Residence	2.33E-07	0.23	0.00	2.81E-04	2.73E-04	2.67E-04	2.86E-05	5.28E-05	9.02E-04
606752	4121980	2.71E-04	2.64E-04	2.58E-04	1.65E-05	5.41E-05	8.64E-04	Residence	2.25E-07	0.22	0.00	2.71E-04	2.64E-04	2.58E-04	2.69E-05	4.97E-05	8.70E-04
606772	4121980	2.64E-04	2.58E-04	2.52E-04	1.56E-05	5.11E-05	8.41E-04	Residence	2.19E-07	0.22	0.00	2.64E-04	2.58E-04	2.52E-04	2.54E-05	4.70E-05	8.47E-04
606792	4121980	2.60E-04	2.54E-04	2.49E-04	1.48E-05	4.84E-05	8.25E-04	Residence	2.15E-07	0.21	0.00	2.60E-04	2.54E-04	2.49E-04	2.41E-05	4.46E-05	8.31E-04
606812	4121980	2.51E-04	2.45E-04	2.40E-04	1.40E-05	4.59E-05	7.97E-04	Residence	2.07E-07	0.21	0.00	2.51E-04	2.45E-04	2.40E-04	2.28E-05	4.22E-05	8.02E-04
606832	4121980	2.44E-04	2.39E-04	2.34E-04	1.32E-05	4.36E-05	7.74E-04	Residence	2.01E-07	0.20	0.00	2.44E-04	2.39E-04	2.34E-04	2.14E-05	4.01E-05	7.78E-04
606852	4121980	2.40E-04	2.35E-04	2.30E-04	1.27E-05	4.15E-05	7.59E-04	Residence	1.97E-07	0.20	0.00	2.40E-04	2.35E-04	2.30E-04	2.06E-05	3.82E-05	7.64E-04
605632	4122000	1.96E-04	2.01E-04	2.05E-04	1.90E-05	5.40E-05	6.75E-04	Residence	1.75E-07	0.18	0.00	1.96E-04	2.01E-04	2.05E-04	3.08E-05	4.97E-05	6.82E-04
605652	4122000	2.04E-04	2.08E-04	2.13E-04	2.05E-05	5.79E-05	7.03E-04	Residence	1.83E-07	0.18	0.00	2.04E-04	2.08E-04	2.13E-04	3.33E-05	5.33E-05	7.11E-04
605672	4122000	2.11E-04	2.16E-04	2.21E-04	2.21E-05	6.22E-05	7.32E-04	Residence	1.90E-07	0.19	0.00	2.11E-04	2.16E-04	2.21E-04	3.60E-05	5.73E-05	7.41E-04
605692	4122000	2.19E-04	2.25E-04	2.30E-04	2.40E-05	6.72E-05	7.65E-04	Residence	1.99E-07	0.20	0.00	2.19E-04	2.25E-04	2.30E-04	3.90E-05	6.18E-05	7.74E-04
605712	4122000	2.28E-04	2.34E-04	2.39E-04	2.62E-05	7.27E-05	7.99E-04	Residence	2.08E-07	0.21	0.00	2.28E-04	2.34E-04	2.39E-04	4.25E-05	6.69E-05	8.10E-04
605732	4122000	2.36E-04	2.43E-04	2.49E-04	2.86E-05	7.90E-05	8.35E-04	Residence	2.17E-07	0.22	0.00	2.36E-04	2.43E-04	2.49E-04	4.65E-05	7.26E-05	8.47E-04
605752	4122000	2.46E-04	2.53E-04	2.60E-04	3.14E-05	8.62E-05	8.77E-04	Residence	2.28E-07	0.23	0.00	2.46E-04	2.53E-04	2.60E-04	5.11E-05	7.93E-05	8.89E-04
605772	4122000	2.57E-04	2.64E-04	2.71E-04	3.47E-05	9.44E-05	9.21E-04	Residence	2.39E-07	0.24	0.00	2.57E-04	2.64E-04	2.71E-04	5.64E-05	8.69E-05	9.35E-04
605792	4122000	2.68E-04	2.76E-04	2.84E-04	3.85E-05	1.04E-04	9.71E-04	Residence	2.52E-07	0.25	0.00	2.68E-04	2.76E-04	2.84E-04	6.26E-05	9.57E-05	9.87E-04
605812	4122000	2.83E-04	2.91E-04	3.00E-04	4.31E-05	1.15E-04	1.03E-03	Residence	2.68E-07	0.27	0.00	2.83E-04	2.91E-04	3.00E-04	7.00E-05	1.06E-04	1.05E-03
605832	4122000	2.98E-04	3.08E-04	3.17E-04	4.84E-05	1.29E-04	1.10E-03	Residence	2.86E-07	0.29	0.00	2.98E-04	3.08E-04	3.17E-04	7.87E-05	1.18E-04	1.12E-03

605852	4122000	3.09E-04	3.20E-04	3.31E-04	5.48E-05	1.44E-04	1.16E-03	Residence	3.01E-07	0.30	0.00	3.09E-04	3.20E-04	3.31E-04	8.91E-05	1.33E-04	1.18E-03
605872	4122000	3.20E-04	3.31E-04	3.42E-04	6.26E-05	1.63E-04	1.22E-03	Residence	3.17E-07	0.32	0.00	3.20E-04	3.31E-04	3.42E-04	1.02E-04	1.50E-04	1.25E-03
605892	4122000	3.33E-04	3.46E-04	3.58E-04	7.21E-05	1.85E-04	1.29E-03	Residence	3.36E-07	0.34	0.00	3.33E-04	3.46E-04	3.58E-04	1.17E-04	1.71E-04	1.32E-03
605912	4122000	3.50E-04	3.64E-04	3.78E-04	8.40E-05	2.13E-04	1.39E-03	Residence	3.61E-07	0.36	0.00	3.50E-04	3.64E-04	3.78E-04	1.36E-04	1.96E-04	1.42E-03
605932	4122000	3.67E-04	3.83E-04	3.98E-04	9.89E-05	2.47E-04	1.49E-03	Residence	3.88E-07	0.39	0.00	3.67E-04	3.83E-04	3.98E-04	1.61E-04	2.27E-04	1.54E-03
605952	4122000	3.86E-04	4.04E-04	4.20E-04	1.18E-04	2.89E-04	1.62E-03	Residence	4.20E-07	0.42	0.00	3.86E-04	4.04E-04	4.20E-04	1.92E-04	2.66E-04	1.67E-03
605972	4122000	4.09E-04	4.28E-04	4.46E-04	1.43E-04	3.42E-04	1.77E-03	Residence	4.59E-07	0.46	0.00	4.09E-04	4.28E-04	4.46E-04	2.32E-04	3.15E-04	1.83E-03
605992	4122000	4.35E-04	4.56E-04	4.76E-04	1.76E-04	4.08E-04	1.95E-03	Residence	5.07E-07	0.51	0.00	4.35E-04	4.56E-04	4.76E-04	2.85E-04	3.76E-04	2.03E-03
606012	4122000	4.64E-04	4.87E-04	5.10E-04	2.19E-04	4.92E-04	2.17E-03	Residence	5.65E-07	0.56	0.00	4.64E-04	4.87E-04	5.10E-04	3.56E-04	4.53E-04	2.27E-03
606032	4122000	5.02E-04	5.27E-04	5.51E-04	2.77E-04	5.97E-04	2.45E-03	Residence	6.38E-07	0.64	0.00	5.02E-04	5.27E-04	5.51E-04	4.50E-04	5.50E-04	2.58E-03
606052	4122000	5.45E-04	5.72E-04	5.98E-04	3.53E-04	7.26E-04	2.79E-03	Residence	7.26E-07	0.73	0.00	5.45E-04	5.72E-04	5.98E-04	5.74E-04	6.68E-04	2.96E-03
606072	4122000	5.93E-04	6.22E-04	6.49E-04	4.50E-04	8.76E-04	3.19E-03	Residence	8.29E-07	0.83	0.00	5.93E-04	6.22E-04	6.49E-04	7.30E-04	8.06E-04	3.40E-03
606292	4122000	6.40E-04	6.22E-04	6.02E-04	1.65E-04	4.78E-04	2.51E-03	Worker	6.52E-07	0.65	0.00	6.40E-04	6.22E-04	6.02E-04	2.69E-04	4.40E-04	2.57E-03
606312	4122000	5.70E-04	5.56E-04	5.38E-04	1.38E-04	4.07E-04	2.21E-03	Worker	5.74E-07	0.57	0.00	5.70E-04	5.56E-04	5.38E-04	2.25E-04	3.74E-04	2.26E-03
606332	4122000	4.81E-04	4.71E-04	4.56E-04	1.17E-04	3.49E-04	1.87E-03	Worker	4.87E-07	0.49	0.00	4.81E-04	4.71E-04	4.56E-04	1.91E-04	3.21E-04	1.92E-03
606352	4122000	4.15E-04	4.03E-04	3.90E-04	1.01E-04	3.02E-04	1.61E-03	Worker	4.19E-07	0.42	0.00	4.15E-04	4.03E-04	3.90E-04	1.63E-04	2.78E-04	1.65E-03
606512	4122000	2.73E-04	2.62E-04	2.53E-04	3.76E-05	1.21E-04	9.47E-04	Residence	2.46E-07	0.25	0.00	2.73E-04	2.62E-04	2.53E-04	6.12E-05	1.12E-04	9.61E-04
606532	4122000	2.74E-04	2.63E-04	2.55E-04	3.43E-05	1.11E-04	9.38E-04	Residence	2.44E-07	0.24	0.00	2.74E-04	2.63E-04	2.55E-04	5.58E-05	1.02E-04	9.50E-04
606612	4122000	2.75E-04	2.66E-04	2.59E-04	2.47E-05	8.09E-05	9.06E-04	Residence	2.36E-07	0.24	0.00	2.75E-04	2.66E-04	2.59E-04	4.02E-05	7.44E-05	9.15E-04
606632	4122000	2.73E-04	2.65E-04	2.58E-04	2.30E-05	7.53E-05	8.94E-04	Residence	2.32E-07	0.23	0.00	2.73E-04	2.65E-04	2.58E-04	3.73E-05	6.92E-05	9.02E-04
606652	4122000	2.71E-04	2.64E-04	2.57E-04	2.14E-05	7.03E-05	8.84E-04	Residence	2.30E-07	0.23	0.00	2.71E-04	2.64E-04	2.57E-04	3.48E-05	6.47E-05	8.91E-04
606672	4122000	2.70E-04	2.62E-04	2.56E-04	2.00E-05	6.59E-05	8.74E-04	Residence	2.27E-07	0.23	0.00	2.70E-04	2.62E-04	2.56E-04	3.26E-05	6.06E-05	8.81E-04
606692	4122000	2.65E-04	2.58E-04	2.53E-04	1.88E-05	6.18E-05	8.57E-04	Residence	2.23E-07	0.22	0.00	2.65E-04	2.58E-04	2.53E-04	3.05E-05	5.68E-05	8.63E-04
606712	4122000	2.62E-04	2.55E-04	2.50E-04	1.76E-05	5.81E-05	8.42E-04	Residence	2.19E-07	0.22	0.00	2.62E-04	2.55E-04	2.50E-04	2.87E-05	5.35E-05	8.49E-04
606732	4122000	2.59E-04	2.53E-04	2.48E-04	1.66E-05	5.49E-05	8.33E-04	Residence	2.16E-07	0.22	0.00	2.59E-04	2.53E-04	2.48E-04	2.70E-05	5.05E-05	8.39E-04
606752	4122000	2.52E-04	2.46E-04	2.41E-04	1.57E-05	5.18E-05	8.06E-04	Residence	2.09E-07	0.21	0.00	2.52E-04	2.46E-04	2.41E-04	2.55E-05	4.76E-05	8.12E-04
606772	4122000	2.45E-04	2.40E-04	2.35E-04	1.48E-05	4.90E-05	7.84E-04	Residence	2.04E-07	0.20	0.00	2.45E-04	2.40E-04	2.35E-04	2.41E-05	4.51E-05	7.89E-04
606792	4122000	2.42E-04	2.37E-04	2.32E-04	1.41E-05	4.65E-05	7.71E-04	Residence	2.00E-07	0.20	0.00	2.42E-04	2.37E-04	2.32E-04	2.29E-05	4.28E-05	7.76E-04
606812	4122000	2.34E-04	2.29E-04	2.25E-04	1.33E-05	4.41E-05	7.46E-04	Residence	1.94E-07	0.19	0.00	2.34E-04	2.29E-04	2.25E-04	2.17E-05	4.06E-05	7.50E-04
606832	4122000	2.28E-04	2.24E-04	2.20E-04	1.25E-05	4.19E-05	7.27E-04	Residence	1.89E-07	0.19	0.00	2.28E-04	2.24E-04	2.20E-04	2.04E-05	3.86E-05	7.31E-04
606852	4122000	2.25E-04	2.21E-04	2.17E-04	1.21E-05	4.00E-05	7.15E-04	Residence	1.86E-07	0.19	0.00	2.25E-04	2.21E-04	2.17E-04	1.96E-05	3.68E-05	7.19E-04
605632	4122020	2.13E-04	2.18E-04	2.22E-04	2.06E-05	5.65E-05	7.30E-04	Residence	1.90E-07	0.19	0.00	2.13E-04	2.18E-04	2.22E-04	3.35E-05	5.20E-05	7.39E-04
605652	4122020	2.22E-04	2.27E-04	2.32E-04	2.23E-05	6.07E-05	7.63E-04	Residence	1.98E-07	0.20	0.00	2.22E-04	2.27E-04	2.32E-04	3.62E-05	5.59E-05	7.72E-04
605672	4122020	2.30E-04	2.35E-04	2.41E-04	2.41E-05	6.54E-05	7.96E-04	Residence	2.07E-07	0.21	0.00	2.30E-04	2.35E-04	2.41E-04	3.92E-05	6.02E-05	8.06E-04
605692	4122020	2.40E-04	2.46E-04	2.52E-04	2.62E-05	7.07E-05	8.35E-04	Residence	2.17E-07	0.22	0.00	2.40E-04	2.46E-04	2.52E-04	4.27E-05	6.51E-05	8.46E-04
605712	4122020	2.50E-04	2.57E-04	2.63E-04	2.87E-05	7.67E-05	8.75E-04	Residence	2.27E-07	0.23	0.00	2.50E-04	2.57E-04	2.63E-04	4.66E-05	7.06E-05	8.87E-04
605732	4122020	2.61E-04	2.67E-04	2.74E-04	3.14E-05	8.35E-05	9.16E-04	Residence	2.38E-07	0.24	0.00	2.61E-04	2.67E-04	2.74E-04	5.10E-05	7.68E-05	9.29E-04
605752	4122020	2.72E-04	2.79E-04	2.86E-04	3.46E-05	9.12E-05	9.62E-04	Residence	2.50E-07	0.25	0.00	2.72E-04	2.79E-04	2.86E-04	5.62E-05	8.39E-05	9.77E-04
605772	4122020	2.84E-04	2.92E-04	2.99E-04	3.83E-05	1.00E-04	1.01E-03	Residence	2.63E-07	0.26	0.00	2.84E-04	2.92E-04	2.99E-04	6.22E-05	9.22E-05	1.03E-03
605792	4122020	2.98E-04	3.07E-04	3.15E-04	4.26E-05	1.11E-04	1.07E-03	Residence	2.79E-07	0.28	0.00	2.98E-04	3.07E-04	3.15E-04	6.93E-05	1.02E-04	1.09E-03
605812	4122020	3.14E-04	3.23E-04	3.32E-04	4.78E-05	1.23E-04	1.14E-03	Residence	2.96E-07	0.30	0.00	3.14E-04	3.23E-04	3.32E-04	7.76E-05	1.13E-04	1.16E-03
605832	4122020	3.30E-04	3.40E-04	3.51E-04	5.39E-05	1.37E-04	1.21E-03	Residence	3.15E-07	0.31	0.00	3.30E-04	3.40E-04	3.51E-04	8.75E-05	1.26E-04	1.23E-03
605852	4122020	3.44E-04	3.56E-04	3.67E-04	6.12E-05	1.54E-04	1.28E-03	Residence	3.33E-07	0.33	0.00	3.44E-04	3.56E-04	3.67E-04	9.94E-05	1.42E-04	1.31E-03
605872	4122020	3.60E-04	3.72E-04	3.85E-04	7.00E-05	1.74E-04	1.36E-03	Residence	3.54E-07	0.35	0.00	3.60E-04	3.72E-04	3.85E-04	1.14E-04	1.60E-04	1.39E-03
605892	4122020	3.77E-04	3.90E-04	4.04E-04	8.09E-05	1.99E-04	1.45E-03	Residence	3.77E-07	0.38	0.00	3.77E-04	3.90E-04	4.04E-04	1.32E-04	1.83E-04	1.49E-03
605912	4122020	3.96E-04	4.11E-04	4.26E-04	9.44E-05	2.28E-04	1.55E-03	Residence	4.04E-07	0.40	0.00	3.96E-04	4.11E-04	4.26E-04	1.53E-04	2.10E-04	1.59E-03
605932	4122020	4.17E-04	4.34E-04	4.50E-04	1.11E-04	2.63E-04	1.67E-03	Residence	4.35E-07	0.44	0.00	4.17E-04	4.34E-04	4.50E-04	1.81E-04	2.42E-04	1.72E-03
605952	4122020	4.41E-04	4.59E-04	4.77E-04	1.32E-04	3.06E-04	1.82E-03	Residence	4.72E-07	0.47	0.00	4.41E-04	4.59E-04	4.77E-04	2.15E-04	2.82E-04	1.87E-03
605972	4122020	4.69E-04	4.88E-04	5.07E-04	1.59E-04	3.59E-04	1.98E-03	Residence	5.16E-07	0.52	0.00	4.69E-04	4.88E-04	5.07E-04	2.59E-04	3.30E-04	2.05E-03
605992	4122020	5.00E-04	5.21E-04	5.41E-04	1.93E-04	4.23E-04	2.18E-03	Residence	5.66E-07	0.57	0.00	5.00E-04	5.21E-04	5.41E-04	3.14E-04	3.89E-04	2.27E-03
606012	4122020	5.35E-04	5.57E-04	5.79E-04	2.36E-04	4.99E-04	2.41E-03	Residence	6.25E-07	0.63	0.00	5.35E-04	5.57E-04	5.79E-04	3.84E-04	4.59E-04	2.51E-03
606032	4122020	5.79E-04	6.02E-04	6.25E-04	2.90E-04	5.88E-04	2.68E-03	Residence	6.98E-07	0.70	0.00	5.79E-04	6.02E-04	6.25E-04	4.71E-04	5.41E-04	2.82E-03
606052	4122020	6.27E-04	6.51E-04	6.73E-04	3.53E-04	6.87E-04	2.99E-03	Residence	7.77E-07	0.78	0.00	6.27E-04	6.51E-04	6.73E-04	5.74E-04	6.32E-04	3.16E-03
606072	4122020	6.78E-04	7.00E-04	7.21E-04	4.22E-04	7.89E-04	3.31E-03	Residence	8.61E-07	0.86	0.00	6.78E-04	7.00E-04	7.21E-04	6.86E-04	7.26E-04	3.51E-03
606272	4122020	6.15E-04	5.94E-04	5.74E-04	1.62E-04	4.57E-04	2.40E-03	Worker	6.25E-07	0.62	0.00	6.15E-04	5.94E-04	5.74E-04	2.64E-04	4.21E-04	2.47E-03
606292	4122020	5.87E-04	5.65E-04	5.45E-04	1.34E-04	3.92E-04	2.22E-03	Worker	5.78E-07	0.58	0.00	5.87E-04	5.65E-04	5.45E-04	2.17E-04	3.61E-04	2.27E-03
606312	4122020	5.24E-04	5.06E-04	4.87E-04	1.14E-04	3.41E-04	1.97E-03	Worker	5.13E-07	0.51	0.00	5.24E-04	5.06E-04	4.87E-04	1.85E-04	3.14E-04	2.02E-03
606332	4122020	4.43E-04	4.30E-04	4.14E-04	9.89E-05	2.99E-04	1.68E-03	Worker	4.38E-07	0.44	0.00	4.43E-04	4.30E-04	4.14E-04	1.61E-04	2.75E-04	1.72E-03
606352	4122020	3.76E-04	3.65E-04	3.52E-04	8.67E-05	2.63E-04	1.44E-03	Worker	3.75E-07	0.38	0.00	3.76E-04	3.65E-04	3.52E-04	1.41E-04	2.42E-04	1.48E-03
606512	4122020	2.43E-04	2.35E-04	2.28E-04	3.53E-05	1.13E-04	8.54E-04	Residence	2.22E-07	0.22	0.00	2.43E-04	2.35E-04	2.28E-04	5.73E-05	1.04E-04	8.67E-04
606532	4122020	2.45E-04	2.37E-04	2.30E-04	3.22E-05	1.04E-04	8.48E-04	Residence	2.20E-07	0.22	0.00	2.45E-04	2.37E-04	2.30E-04	5.24E-05	9.58E-05	8.60E-04
606612	4122020	2.50E-04	2.43E-04	2.38E-04	2.34E-05	7.68E-05	8.32E-04	Residence	2.16E-07	0.22	0.00	2.50E-04	2.43E-04	2.38E-04	3.80E-05	7.06E-05	8.40E-04
606632	4122020	2.50E-04	2.43E-04	2.38E-04	2.18E-05	7.16E-05	8.24E-04	Residence	2.14E-07	0.21	0.00	2.50E-04	2.43E-04	2.38E-04	3.54E-05	6.59E-05	8.32E-04
606652	4122020	2.49E-04	2.43E-04	2.38E-04	2.03E-05	6.70E-05	8.18E-04	Residence	2.13E-07	0.21	0.00	2.49E-04	2.43E-04	2.38E-04	3.30E-05	6.16E-05	8.25E-04
606672	4122020	2.48E-04	2.43E-04	2.38E-04	1.90E-05	6.29E-05	8.11E-04	Residence	2.11E-07	0.21	0.00	2.48E-04	2.43E-04	2.38E-04	3.09E-05	5.79E-05	8.18E-04
606692	4122020	2.45E-04	2.40E-04	2.35E-04	1.79E-05	5.91E-05	7.98E-04	Residence	2.07E-07	0.21	0.00	2.45E-04	2.40E-04	2.35E-04	2.90E-05	5.43E-05	8.04E-04
606712	4122020	2.43E-04	2.38E-04	2.33E-04	1.68E-05	5.57E-05	7.86E-04	Residence	2.04E-07	0.20	0.00	2.43E-04	2.38E-04	2.33E-04	2.73E-05	5.12E-05	7.93E-04
606732	4122020	2.42E-04	2.37E-04	2.33E-04	1.59E-05	5.26E-05	7.80E-04	Residence	2.03E-07	0.20	0.00	2.42E-04	2.37E-04	2.33E-04	2.58E-05	4.84E-05	7.86E-04
606752	4122020	2.35E-04	2.30E-04	2.26E-04	1.50E-05	4.97E-05	7.56E-04	Residence	1.97E-07	0.20	0.00	2.35E-04	2.30E-04	2.26E-04	2.43E-05	4.57E-05	7.62E-04
606772	4122020	2.29E-04	2.25E-04	2.21E-04	1.42E-05	4.71E-05	7.36E-04	Residence	1.91E-07	0.19	0.00	2.29E-04	2.25E-04	2.21E-04	2.30E-05	4.33E-05	7.41E-04
606792	4122020	2.27E-04	2.22E-04	2.19E-04	1.34E-05	4.47E-05	7.26E-04	Residence	1.89E-07	0.19	0.00	2.27E-04	2.22E-04	2.19E-04	2.19E-05	4.11E-05	7.31E-04
606812	4122020	2.20E-04	2.16E-04	2.12E-04	1.28E-05	4.25E-05	7.04E-04	Residence	1.83E-07	0.18	0.00	2.20E-04	2.16E-04	2.12E-04	2.07E-05	3.91E-05	7.08E-04
606832	4122020	2.16E-04	2.12E-04	2.09E-04	1.21E-05	4.04E-05	6.89E-04	Residence	1.79E-07	0.18	0.00	2.16E-04	2.12E-04	2.09E-04	1.97E-05	3.72E-05	6.93E-04

606852	4122020	2.13E-04	2.10E-04	2.06E-04	1.16E-05	3.86E-05	6.79E-04	Residence	1.77E-07	0.18	0.00	2.13E-04	2.10E-04	2.06E-04	1.88E-05	3.55E-05	6.84E-04
605632	4122040	2.30E-04	2.34E-04	2.39E-04	2.23E-05	5.91E-05	7.85E-04	Residence	2.04E-07	0.20	0.00	2.30E-04	2.34E-04	2.39E-04	3.62E-05	5.44E-05	7.94E-04
605652	4122040	2.39E-04	2.44E-04	2.49E-04	2.41E-05	6.36E-05	8.20E-04	Residence	2.13E-07	0.21	0.00	2.39E-04	2.44E-04	2.49E-04	3.91E-05	5.85E-05	8.30E-04
605672	4122040	2.49E-04	2.55E-04	2.60E-04	2.62E-05	6.86E-05	8.59E-04	Residence	2.23E-07	0.22	0.00	2.49E-04	2.55E-04	2.60E-04	4.25E-05	6.31E-05	8.70E-04
605692	4122040	2.60E-04	2.66E-04	2.72E-04	2.85E-05	7.43E-05	9.01E-04	Residence	2.34E-07	0.23	0.00	2.60E-04	2.66E-04	2.72E-04	4.63E-05	6.83E-05	9.13E-04
605712	4122040	2.72E-04	2.79E-04	2.85E-04	3.12E-05	8.07E-05	9.47E-04	Residence	2.46E-07	0.25	0.00	2.72E-04	2.79E-04	2.85E-04	5.07E-05	7.43E-05	9.60E-04
605732	4122040	2.84E-04	2.91E-04	2.98E-04	3.43E-05	8.80E-05	9.96E-04	Residence	2.59E-07	0.26	0.00	2.84E-04	2.91E-04	2.98E-04	5.57E-05	8.10E-05	1.01E-03
605752	4122040	2.98E-04	3.05E-04	3.13E-04	3.78E-05	9.64E-05	1.05E-03	Residence	2.73E-07	0.27	0.00	2.98E-04	3.05E-04	3.13E-04	6.15E-05	8.87E-05	1.07E-03
605772	4122040	3.13E-04	3.21E-04	3.29E-04	4.20E-05	1.06E-04	1.11E-03	Residence	2.89E-07	0.29	0.00	3.13E-04	3.21E-04	3.29E-04	6.82E-05	9.76E-05	1.13E-03
605792	4122040	3.29E-04	3.38E-04	3.46E-04	4.68E-05	1.17E-04	1.18E-03	Residence	3.06E-07	0.31	0.00	3.29E-04	3.38E-04	3.46E-04	7.61E-05	1.08E-04	1.20E-03
605812	4122040	3.47E-04	3.57E-04	3.67E-04	5.25E-05	1.30E-04	1.25E-03	Residence	3.26E-07	0.33	0.00	3.47E-04	3.57E-04	3.67E-04	8.54E-05	1.20E-04	1.27E-03
605832	4122040	3.64E-04	3.75E-04	3.86E-04	5.94E-05	1.46E-04	1.33E-03	Residence	3.45E-07	0.35	0.00	3.64E-04	3.75E-04	3.86E-04	9.65E-05	1.34E-04	1.35E-03
605852	4122040	3.81E-04	3.93E-04	4.05E-04	6.75E-05	1.63E-04	1.41E-03	Residence	3.67E-07	0.37	0.00	3.81E-04	3.93E-04	4.05E-04	1.10E-04	1.50E-04	1.44E-03
605872	4122040	4.00E-04	4.13E-04	4.26E-04	7.74E-05	1.85E-04	1.50E-03	Residence	3.90E-07	0.39	0.00	4.00E-04	4.13E-04	4.26E-04	1.26E-04	1.70E-04	1.53E-03
605892	4122040	4.21E-04	4.35E-04	4.49E-04	8.94E-05	2.10E-04	1.60E-03	Residence	4.17E-07	0.42	0.00	4.21E-04	4.35E-04	4.49E-04	1.45E-04	1.93E-04	1.64E-03
605912	4122040	4.43E-04	4.59E-04	4.74E-04	1.04E-04	2.40E-04	1.72E-03	Residence	4.47E-07	0.45	0.00	4.43E-04	4.59E-04	4.74E-04	1.69E-04	2.20E-04	1.77E-03
605932	4122040	4.68E-04	4.84E-04	5.01E-04	1.22E-04	2.75E-04	1.85E-03	Residence	4.81E-07	0.48	0.00	4.68E-04	4.84E-04	5.01E-04	1.98E-04	2.53E-04	1.90E-03
605952	4122040	4.97E-04	5.14E-04	5.32E-04	1.44E-04	3.17E-04	2.00E-03	Residence	5.21E-07	0.52	0.00	4.97E-04	5.14E-04	5.32E-04	2.34E-04	2.91E-04	2.07E-03
605972	4122040	5.28E-04	5.46E-04	5.65E-04	1.71E-04	3.66E-04	2.18E-03	Residence	5.66E-07	0.57	0.00	5.28E-04	5.46E-04	5.65E-04	2.78E-04	3.36E-04	2.25E-03
605992	4122040	5.63E-04	5.82E-04	6.01E-04	2.03E-04	4.22E-04	2.37E-03	Residence	6.16E-07	0.62	0.00	5.63E-04	5.82E-04	6.01E-04	3.30E-04	3.88E-04	2.46E-03
606012	4122040	6.02E-04	6.22E-04	6.41E-04	2.41E-04	4.86E-04	2.59E-03	Residence	6.74E-07	0.67	0.00	6.02E-04	6.22E-04	6.41E-04	3.92E-04	4.47E-04	2.70E-03
606032	4122040	6.46E-04	6.65E-04	6.84E-04	2.84E-04	5.54E-04	2.83E-03	Residence	7.36E-07	0.74	0.00	6.46E-04	6.65E-04	6.84E-04	4.62E-04	5.10E-04	2.97E-03
606052	4122040	6.93E-04	7.10E-04	7.27E-04	3.29E-04	6.22E-04	3.08E-03	Residence	8.01E-07	0.80	0.00	6.93E-04	7.10E-04	7.27E-04	5.35E-04	5.72E-04	3.24E-03
606072	4122040	7.40E-04	7.54E-04	7.67E-04	3.71E-04	6.82E-04	3.32E-03	Residence	8.62E-07	0.86	0.00	7.40E-04	7.54E-04	7.67E-04	6.03E-04	6.28E-04	3.49E-03
606272	4122040	5.52E-04	5.33E-04	5.17E-04	1.34E-04	3.77E-04	2.11E-03	Worker	5.49E-07	0.55	0.00	5.52E-04	5.33E-04	5.17E-04	2.17E-04	3.47E-04	2.17E-03
606292	4122040	5.22E-04	5.04E-04	4.86E-04	1.12E-04	3.30E-04	1.95E-03	Worker	5.08E-07	0.51	0.00	5.22E-04	5.04E-04	4.86E-04	1.81E-04	3.04E-04	2.00E-03
606312	4122040	4.67E-04	4.52E-04	4.35E-04	9.63E-05	2.92E-04	1.74E-03	Worker	4.53E-07	0.45	0.00	4.67E-04	4.52E-04	4.35E-04	1.56E-04	2.68E-04	1.78E-03
606332	4122040	3.99E-04	3.87E-04	3.74E-04	8.46E-05	2.59E-04	1.50E-03	Worker	3.91E-07	0.39	0.00	3.99E-04	3.87E-04	3.74E-04	1.37E-04	2.38E-04	1.54E-03
606352	4122040	3.40E-04	3.30E-04	3.20E-04	7.52E-05	2.31E-04	1.30E-03	Worker	3.37E-07	0.34	0.00	3.40E-04	3.30E-04	3.20E-04	1.22E-04	2.13E-04	1.32E-03
606512	4122040	2.21E-04	2.14E-04	2.10E-04	3.32E-05	1.06E-04	7.84E-04	Residence	2.04E-07	0.20	0.00	2.21E-04	2.14E-04	2.10E-04	5.40E-05	9.78E-05	7.97E-04
606532	4122040	2.23E-04	2.17E-04	2.12E-04	3.05E-05	9.80E-05	7.80E-04	Residence	2.03E-07	0.20	0.00	2.23E-04	2.17E-04	2.12E-04	4.95E-05	9.02E-05	7.91E-04
606572	4122040	2.27E-04	2.22E-04	2.17E-04	2.59E-05	8.41E-05	7.76E-04	Residence	2.02E-07	0.20	0.00	2.27E-04	2.22E-04	2.17E-04	4.21E-05	7.74E-05	7.86E-04
606592	4122040	2.30E-04	2.24E-04	2.20E-04	2.40E-05	7.83E-05	7.77E-04	Residence	2.02E-07	0.20	0.00	2.30E-04	2.24E-04	2.20E-04	3.90E-05	7.21E-05	7.86E-04
606612	4122040	2.31E-04	2.26E-04	2.22E-04	2.23E-05	7.30E-05	7.74E-04	Residence	2.01E-07	0.20	0.00	2.31E-04	2.26E-04	2.22E-04	3.62E-05	6.72E-05	7.82E-04
606632	4122040	2.32E-04	2.26E-04	2.22E-04	2.08E-05	6.83E-05	7.69E-04	Residence	2.00E-07	0.20	0.00	2.32E-04	2.26E-04	2.22E-04	3.38E-05	6.28E-05	7.77E-04
606652	4122040	2.32E-04	2.27E-04	2.23E-04	1.94E-05	6.40E-05	7.66E-04	Residence	1.99E-07	0.20	0.00	2.32E-04	2.27E-04	2.23E-04	3.16E-05	5.89E-05	7.73E-04
606672	4122040	2.32E-04	2.27E-04	2.23E-04	1.82E-05	6.02E-05	7.61E-04	Residence	1.98E-07	0.20	0.00	2.32E-04	2.27E-04	2.23E-04	2.96E-05	5.54E-05	7.68E-04
606692	4122040	2.30E-04	2.25E-04	2.21E-04	1.71E-05	5.66E-05	7.50E-04	Residence	1.95E-07	0.19	0.00	2.30E-04	2.25E-04	2.21E-04	2.78E-05	5.21E-05	7.56E-04
606712	4122040	2.28E-04	2.23E-04	2.20E-04	1.61E-05	5.34E-05	7.41E-04	Residence	1.92E-07	0.19	0.00	2.28E-04	2.23E-04	2.20E-04	2.62E-05	4.92E-05	7.46E-04
606732	4122040	2.28E-04	2.24E-04	2.20E-04	1.52E-05	5.06E-05	7.37E-04	Residence	1.92E-07	0.19	0.00	2.28E-04	2.24E-04	2.20E-04	2.47E-05	4.65E-05	7.43E-04
606752	4122040	2.21E-04	2.18E-04	2.14E-04	1.44E-05	4.78E-05	7.15E-04	Residence	1.86E-07	0.19	0.00	2.21E-04	2.18E-04	2.14E-04	2.33E-05	4.40E-05	7.20E-04
606772	4122040	2.16E-04	2.13E-04	2.09E-04	1.36E-05	4.53E-05	6.97E-04	Residence	1.81E-07	0.18	0.00	2.16E-04	2.13E-04	2.09E-04	2.21E-05	4.17E-05	7.02E-04
606792	4122040	2.15E-04	2.11E-04	2.08E-04	1.29E-05	4.31E-05	6.90E-04	Residence	1.79E-07	0.18	0.00	2.15E-04	2.11E-04	2.08E-04	2.10E-05	3.97E-05	6.95E-04
606812	4122040	2.09E-04	2.05E-04	2.02E-04	1.23E-05	4.10E-05	6.70E-04	Residence	1.74E-07	0.17	0.00	2.09E-04	2.05E-04	2.02E-04	1.99E-05	3.77E-05	6.74E-04
606832	4122040	2.05E-04	2.02E-04	1.99E-04	1.17E-05	3.91E-05	6.57E-04	Residence	1.71E-07	0.17	0.00	2.05E-04	2.02E-04	1.99E-04	1.90E-05	3.59E-05	6.62E-04
606852	4122040	2.03E-04	2.00E-04	1.97E-04	1.12E-05	3.73E-05	6.49E-04	Residence	1.69E-07	0.17	0.00	2.03E-04	2.00E-04	1.97E-04	1.81E-05	3.43E-05	6.53E-04
605632	4122060	2.45E-04	2.50E-04	2.55E-04	2.39E-05	6.18E-05	8.36E-04	Residence	2.17E-07	0.22	0.00	2.45E-04	2.50E-04	2.55E-04	3.89E-05	5.68E-05	8.46E-04
605652	4122060	2.56E-04	2.62E-04	2.67E-04	2.59E-05	6.65E-05	8.77E-04	Residence	2.28E-07	0.23	0.00	2.56E-04	2.62E-04	2.67E-04	4.22E-05	6.12E-05	8.88E-04
605672	4122060	2.68E-04	2.74E-04	2.80E-04	2.82E-05	7.19E-05	9.22E-04	Residence	2.40E-07	0.24	0.00	2.68E-04	2.74E-04	2.80E-04	4.59E-05	6.61E-05	9.34E-04
605692	4122060	2.79E-04	2.85E-04	2.91E-04	3.08E-05	7.79E-05	9.65E-04	Residence	2.51E-07	0.25	0.00	2.79E-04	2.85E-04	2.91E-04	5.00E-05	7.17E-05	9.78E-04
605712	4122060	2.92E-04	2.99E-04	3.05E-04	3.37E-05	8.47E-05	1.01E-03	Residence	2.64E-07	0.26	0.00	2.92E-04	2.99E-04	3.05E-04	5.48E-05	7.79E-05	1.03E-03
605732	4122060	3.06E-04	3.14E-04	3.21E-04	3.71E-05	9.25E-05	1.07E-03	Residence	2.78E-07	0.28	0.00	3.06E-04	3.14E-04	3.21E-04	6.04E-05	8.51E-05	1.09E-03
605752	4122060	3.22E-04	3.30E-04	3.37E-04	4.11E-05	1.01E-04	1.13E-03	Residence	2.94E-07	0.29	0.00	3.22E-04	3.30E-04	3.37E-04	6.68E-05	9.33E-05	1.15E-03
605772	4122060	3.39E-04	3.47E-04	3.56E-04	4.56E-05	1.12E-04	1.20E-03	Residence	3.12E-07	0.31	0.00	3.39E-04	3.47E-04	3.56E-04	7.42E-05	1.03E-04	1.22E-03
605792	4122060	3.57E-04	3.66E-04	3.75E-04	5.10E-05	1.24E-04	1.27E-03	Residence	3.31E-07	0.33	0.00	3.57E-04	3.66E-04	3.75E-04	8.29E-05	1.14E-04	1.29E-03
605812	4122060	3.77E-04	3.87E-04	3.97E-04	5.73E-05	1.37E-04	1.36E-03	Residence	3.52E-07	0.35	0.00	3.77E-04	3.87E-04	3.97E-04	9.31E-05	1.26E-04	1.38E-03
605832	4122060	3.99E-04	4.10E-04	4.20E-04	6.48E-05	1.53E-04	1.45E-03	Residence	3.76E-07	0.38	0.00	3.99E-04	4.10E-04	4.20E-04	1.05E-04	1.41E-04	1.47E-03
605852	4122060	4.19E-04	4.32E-04	4.44E-04	7.37E-05	1.72E-04	1.54E-03	Residence	4.00E-07	0.40	0.00	4.19E-04	4.32E-04	4.44E-04	1.20E-04	1.58E-04	1.57E-03
605872	4122060	4.41E-04	4.54E-04	4.67E-04	8.42E-05	1.93E-04	1.64E-03	Residence	4.26E-07	0.43	0.00	4.41E-04	4.54E-04	4.67E-04	1.37E-04	1.78E-04	1.68E-03
605892	4122060	4.65E-04	4.79E-04	4.93E-04	9.69E-05	2.18E-04	1.75E-03	Residence	4.56E-07	0.46	0.00	4.65E-04	4.79E-04	4.93E-04	1.58E-04	2.01E-04	1.80E-03
605912	4122060	4.91E-04	5.06E-04	5.21E-04	1.12E-04	2.47E-04	1.88E-03	Residence	4.88E-07	0.49	0.00	4.91E-04	5.06E-04	5.21E-04	1.82E-04	2.27E-04	1.93E-03
605932	4122060	5.19E-04	5.35E-04	5.51E-04	1.30E-04	2.81E-04	2.02E-03	Residence	5.24E-07	0.52	0.00	5.19E-04	5.35E-04	5.51E-04	2.11E-04	2.58E-04	2.07E-03
605952	4122060	5.51E-04	5.68E-04	5.84E-04	1.51E-04	3.19E-04	2.17E-03	Residence	5.65E-07	0.56	0.00	5.51E-04	5.68E-04	5.84E-04	2.46E-04	2.93E-04	2.24E-03
605972	4122060	5.83E-04	5.99E-04	6.16E-04	1.76E-04	3.62E-04	2.34E-03	Residence	6.07E-07	0.61	0.00	5.83E-04	5.99E-04	6.16E-04	2.86E-04	3.33E-04	2.42E-03
605992	4122060	6.20E-04	6.36E-04	6.52E-04	2.04E-04	4.08E-04	2.52E-03	Residence	6.55E-07	0.65	0.00	6.20E-04	6.36E-04	6.52E-04	3.31E-04	3.75E-04	2.61E-03
606012	4122060	6.59E-04	6.75E-04	6.89E-04	2.34E-04	4.57E-04	2.71E-03	Residence	7.05E-07	0.71	0.00	6.59E-04	6.75E-04	6.89E-04	3.80E-04	4.20E-04	2.82E-03
606032	4122060	6.99E-04	7.12E-04	7.25E-04	2.64E-04	5.04E-04	2.90E-03	Residence	7.55E-07	0.76	0.00	6.99E-04	7.12E-04	7.25E-04	4.29E-04	4.64E-04	3.03E-03
606052	4122060	7.40E-04	7.51E-04	7.60E-04	2.93E-04	5.47E-04	3.09E-03	Residence	8.03E-07	0.80	0.00	7.40E-04	7.51E-04	7.60E-04	4.75E-04	5.03E-04	3.23E-03
606072	4122060	7.76E-04	7.82E-04	7.87E-04	3.14E-04	5.78E-04	3.24E-03	Residence	8.41E-07	0.84	0.00	7.76E-04	7.82E-04	7.87E-04	5.10E-04	5.31E-04	3.39E-03
606272	4122060	4.98E-04	4.83E-04	4.68E-04	1.12E-04	3.15E-04	1.88E-03	Worker	4.88E-07	0.49	0.00	4.98E-04	4.83E-04	4.68E-04	1.82E-04	2.90E-04	1.92E-03
606292	4122060	4.67E-04	4.52E-04	4.37E-04	9.52E-05	2.81E-04	1.73E-03	Worker	4.50E-07	0.45	0.00	4.67E-04	4.52E-04	4.37E-04	1.55E-04	2.59E-04	1.77E-03
606312	4122060	4.19E-04	4.06E-04	3.92E-04	8.27E-05	2.52E-04	1.55E-03	Worker	4.03E-07	0.40	0.00	4.19E-04	4.06E-04	3.92E-04	1.34E-04	2.32E-04	1.58E-03
606332	4122060	3.61E-04	3.51E-04	3.40E-04	7.32E-05	2.26E-04	1.35E-03	Worker	3.51E-07	0.35	0.00	3.61E-04	3.51E-04	3.40E-04	1.19E-04	2.08E-04	1.38E-03

606352	4122060	3.10E-04	3.02E-04	2.93E-04	6.56E-05	2.04E-04	1.17E-03	Worker	3.05E-07	0.31	0.00	3.10E-04	3.02E-04	2.93E-04	1.07E-04	1.88E-04	1.20E-03
606572	4122060	2.11E-04	2.07E-04	2.03E-04	2.47E-05	7.97E-05	7.25E-04	Residence	1.89E-07	0.19	0.00	2.11E-04	2.07E-04	2.03E-04	4.01E-05	7.33E-05	7.34E-04
606592	4122060	2.14E-04	2.10E-04	2.06E-04	2.29E-05	7.45E-05	7.28E-04	Residence	1.89E-07	0.19	0.00	2.14E-04	2.10E-04	2.06E-04	3.73E-05	6.85E-05	7.37E-04
606612	4122060	2.16E-04	2.12E-04	2.08E-04	2.13E-05	6.96E-05	7.27E-04	Residence	1.89E-07	0.19	0.00	2.16E-04	2.12E-04	2.08E-04	3.47E-05	6.40E-05	7.35E-04
606632	4122060	2.17E-04	2.13E-04	2.10E-04	1.99E-05	6.52E-05	7.25E-04	Residence	1.89E-07	0.19	0.00	2.17E-04	2.13E-04	2.10E-04	3.24E-05	6.00E-05	7.32E-04
606652	4122060	2.18E-04	2.14E-04	2.11E-04	1.87E-05	6.13E-05	7.23E-04	Residence	1.88E-07	0.19	0.00	2.18E-04	2.14E-04	2.11E-04	3.03E-05	5.64E-05	7.30E-04
606672	4122060	2.19E-04	2.15E-04	2.12E-04	1.75E-05	5.77E-05	7.20E-04	Residence	1.87E-07	0.19	0.00	2.19E-04	2.15E-04	2.12E-04	2.84E-05	5.31E-05	7.27E-04
606692	4122060	2.17E-04	2.13E-04	2.10E-04	1.65E-05	5.44E-05	7.11E-04	Residence	1.85E-07	0.18	0.00	2.17E-04	2.13E-04	2.10E-04	2.67E-05	5.00E-05	7.17E-04
606712	4122060	2.15E-04	2.12E-04	2.09E-04	1.55E-05	5.14E-05	7.03E-04	Residence	1.83E-07	0.18	0.00	2.15E-04	2.12E-04	2.09E-04	2.52E-05	4.73E-05	7.09E-04
606732	4122060	2.15E-04	2.12E-04	2.09E-04	1.47E-05	4.87E-05	7.00E-04	Residence	1.82E-07	0.18	0.00	2.15E-04	2.12E-04	2.09E-04	2.38E-05	4.48E-05	7.05E-04
606752	4122060	2.10E-04	2.07E-04	2.04E-04	1.39E-05	4.61E-05	6.80E-04	Residence	1.77E-07	0.18	0.00	2.10E-04	2.07E-04	2.04E-04	2.25E-05	4.24E-05	6.85E-04
606772	4122060	2.06E-04	2.03E-04	2.00E-04	1.31E-05	4.38E-05	6.66E-04	Residence	1.73E-07	0.17	0.00	2.06E-04	2.03E-04	2.00E-04	2.13E-05	4.03E-05	6.71E-04
606792	4122060	2.05E-04	2.02E-04	1.99E-04	1.25E-05	4.17E-05	6.60E-04	Residence	1.72E-07	0.17	0.00	2.05E-04	2.02E-04	1.99E-04	2.03E-05	3.83E-05	6.65E-04
606812	4122060	1.99E-04	1.96E-04	1.94E-04	1.19E-05	3.96E-05	6.40E-04	Residence	1.66E-07	0.17	0.00	1.99E-04	1.96E-04	1.94E-04	1.93E-05	3.65E-05	6.45E-04
606832	4122060	1.96E-04	1.93E-04	1.91E-04	1.13E-05	3.78E-05	6.29E-04	Residence	1.64E-07	0.16	0.00	1.96E-04	1.93E-04	1.91E-04	1.84E-05	3.48E-05	6.33E-04
606852	4122060	1.94E-04	1.91E-04	1.89E-04	1.08E-05	3.61E-05	6.22E-04	Residence	1.62E-07	0.16	0.00	1.94E-04	1.91E-04	1.89E-04	1.75E-05	3.33E-05	6.25E-04
607052	4122060	1.60E-04	1.59E-04	1.57E-04	7.19E-06	2.42E-05	5.07E-04	Residence	1.32E-07	0.13	0.00	1.60E-04	1.59E-04	1.57E-04	1.17E-05	2.23E-05	5.10E-04
605632	4122080	2.59E-04	2.65E-04	2.70E-04	2.56E-05	6.44E-05	8.84E-04	Residence	2.30E-07	0.23	0.00	2.59E-04	2.65E-04	2.70E-04	4.16E-05	5.92E-05	8.94E-04
605652	4122080	2.73E-04	2.79E-04	2.84E-04	2.78E-05	6.95E-05	9.33E-04	Residence	2.43E-07	0.24	0.00	2.73E-04	2.79E-04	2.84E-04	4.52E-05	6.39E-05	9.45E-04
605672	4122080	2.87E-04	2.93E-04	2.99E-04	3.03E-05	7.52E-05	9.83E-04	Residence	2.56E-07	0.26	0.00	2.87E-04	2.93E-04	2.99E-04	4.93E-05	6.92E-05	9.96E-04
605692	4122080	2.97E-04	3.03E-04	3.09E-04	3.31E-05	8.14E-05	1.02E-03	Residence	2.66E-07	0.27	0.00	2.97E-04	3.03E-04	3.09E-04	5.38E-05	7.49E-05	1.04E-03
605712	4122080	3.12E-04	3.19E-04	3.26E-04	3.63E-05	8.87E-05	1.08E-03	Residence	2.81E-07	0.28	0.00	3.12E-04	3.19E-04	3.26E-04	5.90E-05	8.16E-05	1.10E-03
605732	4122080	3.29E-04	3.36E-04	3.43E-04	4.00E-05	9.69E-05	1.14E-03	Residence	2.98E-07	0.30	0.00	3.29E-04	3.36E-04	3.43E-04	6.51E-05	8.92E-05	1.16E-03
605752	4122080	3.45E-04	3.53E-04	3.60E-04	4.43E-05	1.06E-04	1.21E-03	Residence	3.14E-07	0.31	0.00	3.45E-04	3.53E-04	3.60E-04	7.20E-05	9.77E-05	1.23E-03
605772	4122080	3.63E-04	3.72E-04	3.80E-04	4.93E-05	1.17E-04	1.28E-03	Residence	3.33E-07	0.33	0.00	3.63E-04	3.72E-04	3.80E-04	8.01E-05	1.08E-04	1.30E-03
605792	4122080	3.84E-04	3.94E-04	4.03E-04	5.51E-05	1.29E-04	1.37E-03	Residence	3.55E-07	0.35	0.00	3.84E-04	3.94E-04	4.03E-04	8.95E-05	1.19E-04	1.39E-03
605812	4122080	4.06E-04	4.15E-04	4.25E-04	6.19E-05	1.43E-04	1.45E-03	Residence	3.77E-07	0.38	0.00	4.06E-04	4.15E-04	4.25E-04	1.01E-04	1.32E-04	1.48E-03
605832	4122080	4.28E-04	4.39E-04	4.49E-04	6.98E-05	1.59E-04	1.54E-03	Residence	4.01E-07	0.40	0.00	4.28E-04	4.39E-04	4.49E-04	1.13E-04	1.46E-04	1.58E-03
605852	4122080	4.53E-04	4.65E-04	4.76E-04	7.91E-05	1.78E-04	1.65E-03	Residence	4.29E-07	0.43	0.00	4.53E-04	4.65E-04	4.76E-04	1.29E-04	1.63E-04	1.69E-03
605872	4122080	4.79E-04	4.92E-04	5.03E-04	9.01E-05	1.99E-04	1.76E-03	Residence	4.58E-07	0.46	0.00	4.79E-04	4.92E-04	5.03E-04	1.46E-04	1.83E-04	1.80E-03
605892	4122080	5.05E-04	5.18E-04	5.30E-04	1.03E-04	2.23E-04	1.88E-03	Residence	4.88E-07	0.49	0.00	5.05E-04	5.18E-04	5.30E-04	1.67E-04	2.05E-04	1.92E-03
605912	4122080	5.37E-04	5.50E-04	5.63E-04	1.18E-04	2.50E-04	2.02E-03	Residence	5.24E-07	0.52	0.00	5.37E-04	5.50E-04	5.63E-04	1.91E-04	2.30E-04	2.07E-03
605932	4122080	5.68E-04	5.82E-04	5.96E-04	1.34E-04	2.80E-04	2.16E-03	Residence	5.62E-07	0.56	0.00	5.68E-04	5.82E-04	5.96E-04	2.19E-04	2.58E-04	2.22E-03
605952	4122080	6.01E-04	6.15E-04	6.29E-04	1.54E-04	3.13E-04	2.31E-03	Residence	6.01E-07	0.60	0.00	6.01E-04	6.15E-04	6.29E-04	2.49E-04	2.88E-04	2.38E-03
606272	4122080	4.53E-04	4.40E-04	4.28E-04	9.57E-05	2.69E-04	1.69E-03	Worker	4.38E-07	0.44	0.00	4.53E-04	4.40E-04	4.28E-04	1.56E-04	2.47E-04	1.72E-03
606292	4122080	4.22E-04	4.10E-04	3.98E-04	8.24E-05	2.43E-04	1.55E-03	Worker	4.04E-07	0.40	0.00	4.22E-04	4.10E-04	3.98E-04	1.34E-04	2.23E-04	1.59E-03
606312	4122080	3.79E-04	3.68E-04	3.58E-04	7.21E-05	2.20E-04	1.40E-03	Worker	3.63E-07	0.36	0.00	3.79E-04	3.68E-04	3.58E-04	1.17E-04	2.02E-04	1.42E-03
606332	4122080	3.30E-04	3.22E-04	3.13E-04	6.41E-05	1.99E-04	1.23E-03	Worker	3.19E-07	0.32	0.00	3.30E-04	3.22E-04	3.13E-04	1.04E-04	1.83E-04	1.25E-03
606352	4122080	2.86E-04	2.80E-04	2.73E-04	5.77E-05	1.81E-04	1.08E-03	Worker	2.80E-07	0.28	0.00	2.86E-04	2.80E-04	2.73E-04	9.38E-05	1.67E-04	1.10E-03
606572	4122080	1.99E-04	1.95E-04	1.92E-04	2.35E-05	7.56E-05	6.85E-04	Residence	1.78E-07	0.18	0.00	1.99E-04	1.95E-04	1.92E-04	3.82E-05	6.96E-05	6.94E-04
606592	4122080	2.02E-04	1.98E-04	1.96E-04	2.19E-05	7.09E-05	6.89E-04	Residence	1.79E-07	0.18	0.00	2.02E-04	1.98E-04	1.96E-04	3.56E-05	6.52E-05	6.97E-04
606612	4122080	2.05E-04	2.01E-04	1.98E-04	2.05E-05	6.65E-05	6.91E-04	Residence	1.80E-07	0.18	0.00	2.05E-04	2.01E-04	1.98E-04	3.33E-05	6.11E-05	6.98E-04
606632	4122080	2.06E-04	2.03E-04	2.00E-04	1.92E-05	6.24E-05	6.90E-04	Residence	1.79E-07	0.18	0.00	2.06E-04	2.03E-04	2.00E-04	3.11E-05	5.74E-05	6.97E-04
606652	4122080	2.07E-04	2.04E-04	2.01E-04	1.80E-05	5.88E-05	6.89E-04	Residence	1.79E-07	0.18	0.00	2.07E-04	2.04E-04	2.01E-04	2.92E-05	5.41E-05	6.96E-04
606672	4122080	2.08E-04	2.05E-04	2.02E-04	1.69E-05	5.54E-05	6.87E-04	Residence	1.79E-07	0.18	0.00	2.08E-04	2.05E-04	2.02E-04	2.74E-05	5.10E-05	6.94E-04
606692	4122080	2.07E-04	2.04E-04	2.02E-04	1.59E-05	5.23E-05	6.82E-04	Residence	1.77E-07	0.18	0.00	2.07E-04	2.04E-04	2.02E-04	2.58E-05	4.81E-05	6.88E-04
606712	4122080	2.06E-04	2.03E-04	2.01E-04	1.50E-05	4.95E-05	6.74E-04	Residence	1.75E-07	0.18	0.00	2.06E-04	2.03E-04	2.01E-04	2.44E-05	4.56E-05	6.80E-04
606732	4122080	2.04E-04	2.01E-04	1.99E-04	1.42E-05	4.69E-05	6.66E-04	Residence	1.73E-07	0.17	0.00	2.04E-04	2.01E-04	1.99E-04	2.30E-05	4.32E-05	6.71E-04
606752	4122080	2.00E-04	1.97E-04	1.95E-04	1.34E-05	4.45E-05	6.50E-04	Residence	1.69E-07	0.17	0.00	2.00E-04	1.97E-04	1.95E-04	2.18E-05	4.10E-05	6.55E-04
606772	4122080	1.97E-04	1.95E-04	1.92E-04	1.27E-05	4.23E-05	6.39E-04	Residence	1.66E-07	0.17	0.00	1.97E-04	1.95E-04	1.92E-04	2.07E-05	3.89E-05	6.44E-04
606792	4122080	1.97E-04	1.94E-04	1.92E-04	1.21E-05	4.03E-05	6.35E-04	Residence	1.65E-07	0.17	0.00	1.97E-04	1.94E-04	1.92E-04	1.97E-05	3.71E-05	6.39E-04
606812	4122080	1.91E-04	1.89E-04	1.87E-04	1.15E-05	3.84E-05	6.17E-04	Residence	1.60E-07	0.16	0.00	1.91E-04	1.89E-04	1.87E-04	1.87E-05	3.53E-05	6.21E-04
606892	4122080	1.79E-04	1.77E-04	1.75E-04	9.56E-06	3.21E-05	5.74E-04	Residence	1.49E-07	0.15	0.00	1.79E-04	1.77E-04	1.75E-04	1.55E-05	2.96E-05	5.77E-04
606912	4122080	1.76E-04	1.74E-04	1.72E-04	9.16E-06	3.08E-05	5.62E-04	Residence	1.46E-07	0.15	0.00	1.76E-04	1.74E-04	1.72E-04	1.49E-05	2.83E-05	5.65E-04
606932	4122080	1.74E-04	1.72E-04	1.70E-04	8.79E-06	2.96E-05	5.54E-04	Residence	1.44E-07	0.14	0.00	1.74E-04	1.72E-04	1.70E-04	1.43E-05	2.72E-05	5.57E-04
605632	4122100	2.76E-04	2.81E-04	2.87E-04	2.74E-05	6.71E-05	9.39E-04	Residence	2.44E-07	0.24	0.00	2.76E-04	2.81E-04	2.87E-04	4.44E-05	6.17E-05	9.50E-04
605652	4122100	2.91E-04	2.97E-04	3.02E-04	2.97E-05	7.25E-05	9.92E-04	Residence	2.58E-07	0.26	0.00	2.91E-04	2.97E-04	3.02E-04	4.83E-05	6.67E-05	1.00E-03
605672	4122100	3.06E-04	3.12E-04	3.18E-04	3.24E-05	7.84E-05	1.05E-03	Residence	2.72E-07	0.27	0.00	3.06E-04	3.12E-04	3.18E-04	5.27E-05	7.22E-05	1.06E-03
605692	4122100	3.17E-04	3.23E-04	3.30E-04	3.54E-05	8.50E-05	1.09E-03	Residence	2.83E-07	0.28	0.00	3.17E-04	3.23E-04	3.30E-04	5.76E-05	7.82E-05	1.11E-03
605712	4122100	3.37E-04	3.44E-04	3.51E-04	3.90E-05	9.27E-05	1.16E-03	Residence	3.02E-07	0.30	0.00	3.37E-04	3.44E-04	3.51E-04	6.33E-05	8.53E-05	1.18E-03
605732	4122100	3.57E-04	3.64E-04	3.71E-04	4.30E-05	1.01E-04	1.24E-03	Residence	3.21E-07	0.32	0.00	3.57E-04	3.64E-04	3.71E-04	6.98E-05	9.32E-05	1.25E-03
605752	4122100	3.72E-04	3.80E-04	3.87E-04	4.75E-05	1.11E-04	1.30E-03	Residence	3.37E-07	0.34	0.00	3.72E-04	3.80E-04	3.87E-04	7.73E-05	1.02E-04	1.32E-03
605772	4122100	3.93E-04	4.01E-04	4.09E-04	5.28E-05	1.22E-04	1.38E-03	Residence	3.58E-07	0.36	0.00	3.93E-04	4.01E-04	4.09E-04	8.59E-05	1.12E-04	1.40E-03
605792	4122100	4.19E-04	4.28E-04	4.37E-04	5.90E-05	1.34E-04	1.48E-03	Residence	3.84E-07	0.38	0.00	4.19E-04	4.28E-04	4.37E-04	9.58E-05	1.24E-04	1.50E-03
605812	4122100	4.41E-04	4.51E-04	4.60E-04	6.60E-05	1.48E-04	1.57E-03	Residence	4.07E-07	0.41	0.00	4.41E-04	4.51E-04	4.60E-04	1.07E-04	1.36E-04	1.60E-03
605832	4122100	4.62E-04	4.72E-04	4.82E-04	7.41E-05	1.64E-04	1.65E-03	Residence	4.30E-07	0.43	0.00	4.62E-04	4.72E-04	4.82E-04	1.20E-04	1.51E-04	1.69E-03
605852	4122100	4.95E-04	5.07E-04	5.18E-04	8.36E-05	1.82E-04	1.79E-03	Residence	4.64E-07	0.46	0.00	4.95E-04	5.07E-04	5.18E-04	1.36E-04	1.67E-04	1.82E-03
605872	4122100	5.20E-04	5.32E-04	5.44E-04	9.42E-05	2.02E-04	1.89E-03	Residence	4.92E-07	0.49	0.00	5.20E-04	5.32E-04	5.44E-04	1.53E-04	1.86E-04	1.94E-03
605892	4122100	5.50E-04	5.62E-04	5.74E-04	1.06E-04	2.24E-04	2.02E-03	Residence	5.24E-07	0.52	0.00	5.50E-04	5.62E-04	5.74E-04	1.73E-04	2.06E-04	2.07E-03
605912	4122100	5.80E-04	5.92E-04	6.04E-04	1.20E-04	2.48E-04	2.14E-03	Residence	5.57E-07	0.56	0.00	5.80E-04	5.92E-04	6.04E-04	1.95E-04	2.28E-04	2.20E-03
606572	4122100	1.89E-04	1.86E-04	1.84E-04	2.24E-05	7.17E-05	6.52E-04	Residence	1.70E-07	0.17	0.00	1.89E-04	1.86E-04	1.84E-04	3.64E-05	6.60E-05	6.61E-04
606592	4122100	1.92E-04	1.89E-04	1.87E-04	2.10E-05	6.74E-05	6.56E-04	Residence	1.70E-07	0.17	0.00	1.92E-04	1.89E-04	1.87E-04	3.41E-05	6.20E-05	6.63E-04
606612	4122100	1.94E-04	1.91E-04	1.89E-04	1.96E-05	6.33E-05	6.57E-04	Residence	1.71E-07	0.17	0.00	1.94E-04	1.91E-04	1.89E-04	3.19E-05	5.83E-05	6.64E-04

606632	4122100	1.96E-04	1.93E-04	1.91E-04	1.84E-05	5.97E-05	6.57E-04	Residence	1.71E-07	0.17	0.00	1.96E-04	1.93E-04	1.91E-04	2.99E-05	5.49E-05	6.64E-04
606652	4122100	1.97E-04	1.94E-04	1.92E-04	1.73E-05	5.63E-05	6.56E-04	Residence	1.71E-07	0.17	0.00	1.97E-04	1.94E-04	1.92E-04	2.81E-05	5.18E-05	6.63E-04
606672	4122100	1.97E-04	1.95E-04	1.92E-04	1.63E-05	5.32E-05	6.54E-04	Residence	1.70E-07	0.17	0.00	1.97E-04	1.95E-04	1.92E-04	2.65E-05	4.89E-05	6.59E-04
606692	4122100	1.97E-04	1.94E-04	1.92E-04	1.54E-05	5.03E-05	6.50E-04	Residence	1.69E-07	0.17	0.00	1.97E-04	1.94E-04	1.92E-04	2.50E-05	4.63E-05	6.55E-04
606712	4122100	1.97E-04	1.94E-04	1.92E-04	1.45E-05	4.77E-05	6.45E-04	Residence	1.68E-07	0.17	0.00	1.97E-04	1.94E-04	1.92E-04	2.36E-05	4.39E-05	6.51E-04
606852	4122100	1.80E-04	1.78E-04	1.76E-04	1.02E-05	3.40E-05	5.78E-04	Residence	1.50E-07	0.15	0.00	1.80E-04	1.78E-04	1.76E-04	1.65E-05	3.13E-05	5.82E-04
606872	4122100	1.77E-04	1.75E-04	1.73E-04	9.73E-06	3.26E-05	5.68E-04	Residence	1.48E-07	0.15	0.00	1.77E-04	1.75E-04	1.73E-04	1.58E-05	3.00E-05	5.71E-04
606892	4122100	1.73E-04	1.71E-04	1.69E-04	9.31E-06	3.12E-05	5.53E-04	Residence	1.44E-07	0.14	0.00	1.73E-04	1.71E-04	1.69E-04	1.51E-05	2.87E-05	5.56E-04
606912	4122100	1.70E-04	1.68E-04	1.67E-04	8.92E-06	3.00E-05	5.44E-04	Residence	1.41E-07	0.14	0.00	1.70E-04	1.68E-04	1.67E-04	1.45E-05	2.76E-05	5.47E-04
606932	4122100	1.68E-04	1.67E-04	1.65E-04	8.57E-06	2.88E-05	5.38E-04	Residence	1.40E-07	0.14	0.00	1.68E-04	1.67E-04	1.65E-04	1.39E-05	2.65E-05	5.41E-04
605632	4122120	2.93E-04	2.98E-04	3.03E-04	2.91E-05	6.98E-05	9.93E-04	Residence	2.58E-07	0.26	0.00	2.93E-04	2.98E-04	3.03E-04	4.73E-05	6.42E-05	1.01E-03
605652	4122120	3.09E-04	3.15E-04	3.21E-04	3.17E-05	7.54E-05	1.05E-03	Residence	2.74E-07	0.27	0.00	3.09E-04	3.15E-04	3.21E-04	5.14E-05	6.93E-05	1.07E-03
605672	4122120	3.25E-04	3.31E-04	3.37E-04	3.45E-05	8.16E-05	1.11E-03	Residence	2.88E-07	0.29	0.00	3.25E-04	3.31E-04	3.37E-04	5.61E-05	7.50E-05	1.12E-03
605692	4122120	3.37E-04	3.44E-04	3.50E-04	3.78E-05	8.83E-05	1.16E-03	Residence	3.01E-07	0.30	0.00	3.37E-04	3.44E-04	3.50E-04	6.14E-05	8.13E-05	1.17E-03
605712	4122120	3.60E-04	3.66E-04	3.73E-04	4.15E-05	9.63E-05	1.24E-03	Residence	3.22E-07	0.32	0.00	3.60E-04	3.66E-04	3.73E-04	6.75E-05	8.86E-05	1.26E-03
605732	4122120	3.82E-04	3.89E-04	3.97E-04	4.58E-05	1.05E-04	1.32E-03	Residence	3.43E-07	0.34	0.00	3.82E-04	3.89E-04	3.97E-04	7.44E-05	9.67E-05	1.34E-03
605752	4122120	3.97E-04	4.05E-04	4.13E-04	5.06E-05	1.15E-04	1.38E-03	Residence	3.59E-07	0.36	0.00	3.97E-04	4.05E-04	4.13E-04	8.22E-05	1.05E-04	1.40E-03
605772	4122120	4.22E-04	4.30E-04	4.38E-04	5.61E-05	1.26E-04	1.47E-03	Residence	3.82E-07	0.38	0.00	4.22E-04	4.30E-04	4.38E-04	9.11E-05	1.16E-04	1.50E-03
605792	4122120	4.50E-04	4.58E-04	4.67E-04	6.24E-05	1.38E-04	1.58E-03	Residence	4.10E-07	0.41	0.00	4.50E-04	4.58E-04	4.67E-04	1.01E-04	1.27E-04	1.60E-03
605812	4122120	4.72E-04	4.81E-04	4.90E-04	6.95E-05	1.52E-04	1.67E-03	Residence	4.33E-07	0.43	0.00	4.72E-04	4.81E-04	4.90E-04	1.13E-04	1.39E-04	1.70E-03
605832	4122120	4.97E-04	5.06E-04	5.15E-04	7.75E-05	1.67E-04	1.76E-03	Residence	4.58E-07	0.46	0.00	4.97E-04	5.06E-04	5.15E-04	1.26E-04	1.53E-04	1.80E-03
605852	4122120	5.30E-04	5.40E-04	5.50E-04	8.66E-05	1.83E-04	1.89E-03	Residence	4.92E-07	0.49	0.00	5.30E-04	5.40E-04	5.50E-04	1.41E-04	1.69E-04	1.93E-03
605872	4122120	5.56E-04	5.66E-04	5.77E-04	9.65E-05	2.01E-04	2.00E-03	Residence	5.19E-07	0.52	0.00	5.56E-04	5.66E-04	5.77E-04	1.57E-04	1.85E-04	2.04E-03
605992	4122120	7.27E-04	7.30E-04	7.31E-04	1.67E-04	3.21E-04	2.68E-03	Residence	6.95E-07	0.70	0.00	7.27E-04	7.30E-04	7.31E-04	2.71E-04	2.96E-04	2.75E-03
606012	4122120	7.48E-04	7.49E-04	7.48E-04	1.75E-04	3.35E-04	2.76E-03	Residence	7.16E-07	0.72	0.00	7.48E-04	7.49E-04	7.48E-04	2.85E-04	3.08E-04	2.84E-03
606032	4122120	7.61E-04	7.59E-04	7.55E-04	1.81E-04	3.44E-04	2.80E-03	Residence	7.28E-07	0.73	0.00	7.61E-04	7.59E-04	7.55E-04	2.94E-04	3.17E-04	2.89E-03
606052	4122120	7.65E-04	7.59E-04	7.52E-04	1.82E-04	3.47E-04	2.81E-03	Residence	7.29E-07	0.73	0.00	7.65E-04	7.59E-04	7.52E-04	2.96E-04	3.19E-04	2.89E-03
606512	4122120	1.74E-04	1.72E-04	1.71E-04	2.59E-05	8.21E-05	6.26E-04	Residence	1.63E-07	0.16	0.00	1.74E-04	1.72E-04	1.71E-04	4.21E-05	7.56E-05	6.35E-04
606532	4122120	1.76E-04	1.74E-04	1.72E-04	2.42E-05	7.70E-05	6.23E-04	Residence	1.62E-07	0.16	0.00	1.76E-04	1.74E-04	1.72E-04	3.94E-05	7.08E-05	6.32E-04
606552	4122120	1.78E-04	1.76E-04	1.74E-04	2.27E-05	7.23E-05	6.23E-04	Residence	1.62E-07	0.16	0.00	1.78E-04	1.76E-04	1.74E-04	3.69E-05	6.65E-05	6.32E-04
606572	4122120	1.81E-04	1.78E-04	1.77E-04	2.13E-05	6.80E-05	6.25E-04	Residence	1.62E-07	0.16	0.00	1.81E-04	1.78E-04	1.77E-04	3.46E-05	6.26E-05	6.33E-04
606592	4122120	1.84E-04	1.81E-04	1.79E-04	2.00E-05	6.41E-05	6.28E-04	Residence	1.63E-07	0.16	0.00	1.84E-04	1.81E-04	1.79E-04	3.25E-05	5.90E-05	6.36E-04
606772	4122120	1.83E-04	1.81E-04	1.80E-04	1.20E-05	3.97E-05	5.96E-04	Residence	1.55E-07	0.15	0.00	1.83E-04	1.81E-04	1.80E-04	1.95E-05	3.65E-05	6.01E-04
606792	4122120	1.81E-04	1.79E-04	1.78E-04	1.14E-05	3.78E-05	5.88E-04	Residence	1.53E-07	0.15	0.00	1.81E-04	1.79E-04	1.78E-04	1.86E-05	3.48E-05	5.92E-04
606812	4122120	1.80E-04	1.78E-04	1.76E-04	1.09E-05	3.62E-05	5.80E-04	Residence	1.51E-07	0.15	0.00	1.80E-04	1.78E-04	1.76E-04	1.77E-05	3.33E-05	5.84E-04
606852	4122120	1.74E-04	1.72E-04	1.71E-04	9.93E-06	3.31E-05	5.60E-04	Residence	1.45E-07	0.15	0.00	1.74E-04	1.72E-04	1.71E-04	1.61E-05	3.04E-05	5.63E-04
606872	4122120	1.71E-04	1.70E-04	1.68E-04	9.50E-06	3.17E-05	5.50E-04	Residence	1.43E-07	0.14	0.00	1.71E-04	1.70E-04	1.68E-04	1.54E-05	2.92E-05	5.53E-04
606892	4122120	1.68E-04	1.66E-04	1.65E-04	9.09E-06	3.04E-05	5.38E-04	Residence	1.40E-07	0.14	0.00	1.68E-04	1.66E-04	1.65E-04	1.48E-05	2.80E-05	5.41E-04
606912	4122120	1.65E-04	1.64E-04	1.62E-04	8.71E-06	2.92E-05	5.29E-04	Residence	1.38E-07	0.14	0.00	1.65E-04	1.64E-04	1.62E-04	1.42E-05	2.69E-05	5.33E-04
605632	4122140	3.10E-04	3.16E-04	3.21E-04	3.08E-05	7.24E-05	1.05E-03	Residence	2.73E-07	0.27	0.00	3.10E-04	3.16E-04	3.21E-04	5.01E-05	6.66E-05	1.06E-03
605652	4122140	3.28E-04	3.34E-04	3.40E-04	3.36E-05	7.82E-05	1.11E-03	Residence	2.90E-07	0.29	0.00	3.28E-04	3.34E-04	3.40E-04	5.46E-05	7.19E-05	1.13E-03
605672	4122140	3.43E-04	3.49E-04	3.55E-04	3.66E-05	8.44E-05	1.17E-03	Residence	3.04E-07	0.30	0.00	3.43E-04	3.49E-04	3.55E-04	5.95E-05	7.77E-05	1.18E-03
605692	4122140	3.59E-04	3.65E-04	3.71E-04	4.00E-05	9.14E-05	1.23E-03	Residence	3.19E-07	0.32	0.00	3.59E-04	3.65E-04	3.71E-04	6.50E-05	8.41E-05	1.24E-03
605712	4122140	3.82E-04	3.88E-04	3.95E-04	4.39E-05	9.94E-05	1.31E-03	Residence	3.40E-07	0.34	0.00	3.82E-04	3.88E-04	3.95E-04	7.14E-05	9.14E-05	1.33E-03
605732	4122140	4.06E-04	4.13E-04	4.20E-04	4.83E-05	1.08E-04	1.40E-03	Residence	3.63E-07	0.36	0.00	4.06E-04	4.13E-04	4.20E-04	7.86E-05	9.96E-05	1.42E-03
605752	4122140	4.22E-04	4.29E-04	4.36E-04	5.32E-05	1.18E-04	1.46E-03	Residence	3.79E-07	0.38	0.00	4.22E-04	4.29E-04	4.36E-04	8.65E-05	1.08E-04	1.48E-03
605772	4122140	4.49E-04	4.57E-04	4.65E-04	5.88E-05	1.28E-04	1.56E-03	Residence	4.05E-07	0.40	0.00	4.49E-04	4.57E-04	4.65E-04	9.56E-05	1.18E-04	1.58E-03
605792	4122140	4.78E-04	4.86E-04	4.94E-04	6.50E-05	1.40E-04	1.66E-03	Residence	4.33E-07	0.43	0.00	4.78E-04	4.86E-04	4.94E-04	1.06E-04	1.29E-04	1.69E-03
605812	4122140	5.00E-04	5.08E-04	5.16E-04	7.19E-05	1.53E-04	1.75E-03	Residence	4.55E-07	0.45	0.00	5.00E-04	5.08E-04	5.16E-04	1.17E-04	1.41E-04	1.78E-03
605832	4122140	5.29E-04	5.38E-04	5.45E-04	7.96E-05	1.67E-04	1.86E-03	Residence	4.83E-07	0.48	0.00	5.29E-04	5.38E-04	5.45E-04	1.29E-04	1.54E-04	1.90E-03
605852	4122140	5.61E-04	5.70E-04	5.78E-04	8.79E-05	1.82E-04	1.98E-03	Residence	5.15E-07	0.51	0.00	5.61E-04	5.70E-04	5.78E-04	1.43E-04	1.68E-04	2.02E-03
605932	4122140	6.67E-04	6.72E-04	6.77E-04	1.26E-04	2.48E-04	2.39E-03	Residence	6.21E-07	0.62	0.00	6.67E-04	6.72E-04	6.77E-04	2.04E-04	2.28E-04	2.45E-03
605952	4122140	6.88E-04	6.92E-04	6.95E-04	1.35E-04	2.63E-04	2.47E-03	Residence	6.43E-07	0.64	0.00	6.88E-04	6.92E-04	6.95E-04	2.19E-04	2.42E-04	2.54E-03
605972	4122140	7.16E-04	7.18E-04	7.19E-04	1.43E-04	2.78E-04	2.57E-03	Residence	6.69E-07	0.67	0.00	7.16E-04	7.18E-04	7.19E-04	2.33E-04	2.55E-04	2.64E-03
605992	4122140	7.33E-04	7.32E-04	7.30E-04	1.50E-04	2.89E-04	2.63E-03	Residence	6.85E-07	0.68	0.00	7.33E-04	7.32E-04	7.30E-04	2.43E-04	2.66E-04	2.71E-03
606012	4122140	7.43E-04	7.39E-04	7.35E-04	1.54E-04	2.96E-04	2.67E-03	Residence	6.93E-07	0.69	0.00	7.43E-04	7.39E-04	7.35E-04	2.51E-04	2.72E-04	2.74E-03
606032	4122140	7.46E-04	7.39E-04	7.32E-04	1.56E-04	2.99E-04	2.67E-03	Residence	6.95E-07	0.69	0.00	7.46E-04	7.39E-04	7.32E-04	2.53E-04	2.75E-04	2.75E-03
606052	4122140	7.39E-04	7.29E-04	7.19E-04	1.55E-04	2.98E-04	2.64E-03	Residence	6.86E-07	0.69	0.00	7.39E-04	7.29E-04	7.19E-04	2.51E-04	2.74E-04	2.71E-03
606072	4122140	7.25E-04	7.14E-04	7.03E-04	1.51E-04	2.93E-04	2.58E-03	Residence	6.72E-07	0.67	0.00	7.25E-04	7.14E-04	7.03E-04	2.45E-04	2.69E-04	2.66E-03
606132	4122140	6.02E-04	5.89E-04	5.76E-04	1.28E-04	2.63E-04	2.16E-03	Worker	5.61E-07	0.56	0.00	6.02E-04	5.89E-04	5.76E-04	2.09E-04	2.42E-04	2.22E-03
606152	4122140	5.55E-04	5.44E-04	5.32E-04	1.20E-04	2.52E-04	2.00E-03	Worker	5.21E-07	0.52	0.00	5.55E-04	5.44E-04	5.32E-04	1.95E-04	2.32E-04	2.06E-03
606172	4122140	5.09E-04	5.00E-04	4.90E-04	1.11E-04	2.41E-04	1.85E-03	Worker	4.81E-07	0.48	0.00	5.09E-04	5.00E-04	4.90E-04	1.81E-04	2.22E-04	1.90E-03
606652	4122140	1.82E-04	1.80E-04	1.78E-04	1.60E-05	5.17E-05	6.07E-04	Bright Horizons Daycare	1.58E-07	0.16	0.00	1.82E-04	1.80E-04	1.78E-04	2.60E-05	4.75E-05	6.13E-04
606672	4122140	1.82E-04	1.80E-04	1.78E-04	1.52E-05	4.90E-05	6.04E-04	Bright Horizons Daycare	1.57E-07	0.16	0.00	1.82E-04	1.80E-04	1.78E-04	2.46E-05	4.51E-05	6.10E-04
606712	4122140	1.81E-04	1.79E-04	1.77E-04	1.36E-05	4.43E-05	5.95E-04	Residence	1.55E-07	0.15	0.00	1.81E-04	1.79E-04	1.77E-04	2.21E-05	4.08E-05	6.00E-04
606732	4122140	1.80E-04	1.78E-04	1.76E-04	1.29E-05	4.22E-05	5.89E-04	Residence	1.53E-07	0.15	0.00	1.80E-04	1.78E-04	1.76E-04	2.10E-05	3.88E-05	5.93E-04
606752	4122140	1.79E-04	1.77E-04	1.75E-04	1.23E-05	4.02E-05	5.83E-04	Residence	1.52E-07	0.15	0.00	1.79E-04	1.77E-04	1.75E-04	2.00E-05	3.70E-05	5.88E-04
606772	4122140	1.77E-04	1.75E-04	1.73E-04	1.17E-05	3.84E-05	5.75E-04	Residence	1.50E-07	0.15	0.00	1.77E-04	1.75E-04	1.73E-04	1.90E-05	3.53E-05	5.80E-04
606792	4122140	1.75E-04	1.73E-04	1.72E-04	1.11E-05	3.67E-05	5.68E-04	Residence	1.48E-07	0.15	0.00	1.75E-04	1.73E-04	1.72E-04	1.81E-05	3.37E-05	5.72E-04
606812	4122140	1.74E-04	1.73E-04	1.71E-04	1.06E-05	3.51E-05	5.64E-04	Residence	1.47E-07	0.15	0.00	1.74E-04	1.73E-04	1.71E-04	1.73E-05	3.23E-05	5.68E-04
606832	4122140	1.71E-04	1.69E-04	1.67E-04	1.01E-05	3.36E-05	5.51E-04	Residence	1.43E-07	0.14	0.00	1.71E-04	1.69E-04	1.67E-04	1.65E-05	3.09E-05	5.54E-04
606852	4122140	1.69E-04	1.67E-04	1.66E-04	9.69E-06	3.22E-05	5.43E-04	Residence	1.41E-07	0.14	0.00	1.69E-04	1.67E-04	1.66E-04	1.57E-05	2.96E-05	5.47E-04
605632	4122160	3.29E-04	3.35E-04	3.40E-04	3.26E-05	7.48E-05	1.11E-03	Residence	2.89E-07	0.29	0.00	3.29E-04	3.35E-04	3.40E-04	5.29E-05	6.88E-05	1.13E-03

605652	4122160	3.48E-04	3.53E-04	3.59E-04	3.54E-05	8.07E-05	1.18E-03	Residence	3.06E-07	0.31	0.00	3.48E-04	3.53E-04	3.59E-04	5.76E-05	7.42E-05	1.19E-03
605672	4122160	3.63E-04	3.69E-04	3.75E-04	3.86E-05	8.70E-05	1.23E-03	Residence	3.20E-07	0.32	0.00	3.63E-04	3.69E-04	3.75E-04	6.27E-05	8.01E-05	1.25E-03
605692	4122160	3.81E-04	3.87E-04	3.93E-04	4.21E-05	9.40E-05	1.30E-03	Residence	3.37E-07	0.34	0.00	3.81E-04	3.87E-04	3.93E-04	6.84E-05	8.65E-05	1.32E-03
605712	4122160	4.05E-04	4.11E-04	4.18E-04	4.61E-05	1.02E-04	1.38E-03	Residence	3.59E-07	0.36	0.00	4.05E-04	4.11E-04	4.18E-04	7.49E-05	9.38E-05	1.40E-03
605732	4122160	4.27E-04	4.34E-04	4.40E-04	5.05E-05	1.11E-04	1.46E-03	Residence	3.80E-07	0.38	0.00	4.27E-04	4.34E-04	4.40E-04	8.21E-05	1.02E-04	1.48E-03
605752	4122160	4.45E-04	4.51E-04	4.58E-04	5.54E-05	1.20E-04	1.53E-03	Residence	3.97E-07	0.40	0.00	4.45E-04	4.51E-04	4.58E-04	9.00E-05	1.10E-04	1.55E-03
605772	4122160	4.75E-04	4.82E-04	4.89E-04	6.09E-05	1.30E-04	1.64E-03	Residence	4.26E-07	0.43	0.00	4.75E-04	4.82E-04	4.89E-04	9.89E-05	1.20E-04	1.66E-03
605792	4122160	5.04E-04	5.11E-04	5.17E-04	6.68E-05	1.41E-04	1.74E-03	Residence	4.52E-07	0.45	0.00	5.04E-04	5.11E-04	5.17E-04	1.09E-04	1.30E-04	1.77E-03
605812	4122160	5.23E-04	5.30E-04	5.36E-04	7.33E-05	1.53E-04	1.82E-03	Residence	4.72E-07	0.47	0.00	5.23E-04	5.30E-04	5.36E-04	1.19E-04	1.41E-04	1.85E-03
605832	4122160	5.56E-04	5.63E-04	5.69E-04	8.03E-05	1.66E-04	1.93E-03	Residence	5.03E-07	0.50	0.00	5.56E-04	5.63E-04	5.69E-04	1.30E-04	1.52E-04	1.97E-03
605912	4122160	6.64E-04	6.68E-04	6.72E-04	1.11E-04	2.19E-04	2.33E-03	Residence	6.07E-07	0.61	0.00	6.64E-04	6.68E-04	6.72E-04	1.80E-04	2.02E-04	2.39E-03
605932	4122160	6.85E-04	6.88E-04	6.90E-04	1.18E-04	2.32E-04	2.41E-03	Residence	6.27E-07	0.63	0.00	6.85E-04	6.88E-04	6.90E-04	1.92E-04	2.13E-04	2.47E-03
605952	4122160	7.00E-04	7.01E-04	7.01E-04	1.24E-04	2.42E-04	2.47E-03	Residence	6.41E-07	0.64	0.00	7.00E-04	7.01E-04	7.01E-04	2.02E-04	2.23E-04	2.53E-03
605972	4122160	7.14E-04	7.13E-04	7.11E-04	1.30E-04	2.51E-04	2.52E-03	Residence	6.55E-07	0.65	0.00	7.14E-04	7.13E-04	7.11E-04	2.11E-04	2.31E-04	2.58E-03
605992	4122160	7.27E-04	7.23E-04	7.18E-04	1.33E-04	2.58E-04	2.56E-03	Residence	6.65E-07	0.67	0.00	7.27E-04	7.23E-04	7.18E-04	2.17E-04	2.37E-04	2.62E-03
606012	4122160	7.26E-04	7.20E-04	7.13E-04	1.35E-04	2.61E-04	2.56E-03	Residence	6.64E-07	0.66	0.00	7.26E-04	7.20E-04	7.13E-04	2.19E-04	2.40E-04	2.62E-03
606032	4122160	7.20E-04	7.12E-04	7.02E-04	1.34E-04	2.60E-04	2.53E-03	Residence	6.57E-07	0.66	0.00	7.20E-04	7.12E-04	7.02E-04	2.19E-04	2.40E-04	2.59E-03
606052	4122160	7.06E-04	6.96E-04	6.84E-04	1.32E-04	2.57E-04	2.47E-03	Residence	6.43E-07	0.64	0.00	7.06E-04	6.96E-04	6.84E-04	2.14E-04	2.37E-04	2.54E-03
606072	4122160	6.89E-04	6.78E-04	6.66E-04	1.27E-04	2.51E-04	2.41E-03	Residence	6.27E-07	0.63	0.00	6.89E-04	6.78E-04	6.66E-04	2.07E-04	2.31E-04	2.47E-03
606132	4122160	5.63E-04	5.52E-04	5.41E-04	1.09E-04	2.26E-04	1.99E-03	Worker	5.18E-07	0.52	0.00	5.63E-04	5.52E-04	5.41E-04	1.77E-04	2.08E-04	2.04E-03
606152	4122160	5.19E-04	5.10E-04	5.01E-04	1.02E-04	2.18E-04	1.85E-03	Worker	4.81E-07	0.48	0.00	5.19E-04	5.10E-04	5.01E-04	1.66E-04	2.00E-04	1.90E-03
606172	4122160	4.79E-04	4.71E-04	4.63E-04	9.51E-05	2.09E-04	1.72E-03	Worker	4.46E-07	0.45	0.00	4.79E-04	4.71E-04	4.63E-04	1.55E-04	1.92E-04	1.76E-03
606512	4122160	1.64E-04	1.63E-04	1.62E-04	2.26E-05	7.23E-05	5.85E-04	Worker	1.52E-07	0.15	0.00	1.64E-04	1.63E-04	1.62E-04	3.68E-05	6.65E-05	5.93E-04
606532	4122160	1.65E-04	1.64E-04	1.63E-04	2.14E-05	6.82E-05	5.82E-04	Worker	1.51E-07	0.15	0.00	1.65E-04	1.64E-04	1.63E-04	3.48E-05	6.28E-05	5.90E-04
606552	4122160	1.67E-04	1.65E-04	1.64E-04	2.02E-05	6.45E-05	5.82E-04	Worker	1.51E-07	0.15	0.00	1.67E-04	1.65E-04	1.64E-04	3.29E-05	5.94E-05	5.89E-04
606652	4122160	1.75E-04	1.73E-04	1.72E-04	1.54E-05	4.95E-05	5.86E-04	Bright Horizons Daycare	1.52E-07	0.15	0.00	1.75E-04	1.73E-04	1.72E-04	2.50E-05	4.55E-05	5.91E-04
606672	4122160	1.76E-04	1.74E-04	1.72E-04	1.46E-05	4.71E-05	5.83E-04	Bright Horizons Daycare	1.52E-07	0.15	0.00	1.76E-04	1.74E-04	1.72E-04	2.37E-05	4.33E-05	5.89E-04
606712	4122160	1.74E-04	1.73E-04	1.71E-04	1.32E-05	4.27E-05	5.74E-04	Residence	1.49E-07	0.15	0.00	1.74E-04	1.73E-04	1.71E-04	2.14E-05	3.93E-05	5.79E-04
606732	4122160	1.74E-04	1.72E-04	1.70E-04	1.25E-05	4.07E-05	5.69E-04	Residence	1.48E-07	0.15	0.00	1.74E-04	1.72E-04	1.70E-04	2.04E-05	3.75E-05	5.73E-04
606752	4122160	1.73E-04	1.71E-04	1.69E-04	1.19E-05	3.89E-05	5.64E-04	Residence	1.46E-07	0.15	0.00	1.73E-04	1.71E-04	1.69E-04	1.94E-05	3.58E-05	5.68E-04
606772	4122160	1.71E-04	1.70E-04	1.68E-04	1.14E-05	3.72E-05	5.58E-04	Residence	1.45E-07	0.14	0.00	1.71E-04	1.70E-04	1.68E-04	1.85E-05	3.42E-05	5.62E-04
606792	4122160	1.70E-04	1.68E-04	1.67E-04	1.08E-05	3.56E-05	5.51E-04	Residence	1.43E-07	0.14	0.00	1.70E-04	1.68E-04	1.67E-04	1.76E-05	3.27E-05	5.55E-04
606872	4122160	1.62E-04	1.61E-04	1.59E-04	9.07E-06	3.00E-05	5.21E-04	Residence	1.36E-07	0.14	0.00	1.62E-04	1.61E-04	1.59E-04	1.47E-05	2.76E-05	5.25E-04
606892	4122160	1.60E-04	1.58E-04	1.57E-04	8.69E-06	2.89E-05	5.12E-04	Residence	1.33E-07	0.13	0.00	1.60E-04	1.58E-04	1.57E-04	1.41E-05	2.66E-05	5.15E-04
606912	4122160	1.57E-04	1.55E-04	1.54E-04	8.34E-06	2.78E-05	5.02E-04	Residence	1.31E-07	0.13	0.00	1.57E-04	1.55E-04	1.54E-04	1.36E-05	2.55E-05	5.05E-04
605632	4122180	3.46E-04	3.51E-04	3.57E-04	3.42E-05	7.70E-05	1.17E-03	Residence	3.03E-07	0.30	0.00	3.46E-04	3.51E-04	3.57E-04	5.56E-05	7.08E-05	1.18E-03
605652	4122180	3.64E-04	3.69E-04	3.75E-04	3.71E-05	8.28E-05	1.23E-03	Residence	3.19E-07	0.32	0.00	3.64E-04	3.69E-04	3.75E-04	6.03E-05	7.62E-05	1.25E-03
605672	4122180	3.81E-04	3.86E-04	3.92E-04	4.03E-05	8.91E-05	1.29E-03	Residence	3.35E-07	0.33	0.00	3.81E-04	3.86E-04	3.92E-04	6.56E-05	8.20E-05	1.31E-03
605692	4122180	4.00E-04	4.06E-04	4.12E-04	4.39E-05	9.60E-05	1.36E-03	Residence	3.53E-07	0.35	0.00	4.00E-04	4.06E-04	4.12E-04	7.14E-05	8.84E-05	1.38E-03
605712	4122180	4.24E-04	4.29E-04	4.35E-04	4.79E-05	1.04E-04	1.44E-03	Residence	3.74E-07	0.37	0.00	4.24E-04	4.29E-04	4.35E-04	7.78E-05	9.54E-05	1.46E-03
605732	4122180	4.46E-04	4.52E-04	4.58E-04	5.23E-05	1.12E-04	1.52E-03	Residence	3.95E-07	0.40	0.00	4.46E-04	4.52E-04	4.58E-04	8.49E-05	1.03E-04	1.54E-03
605752	4122180	4.65E-04	4.71E-04	4.77E-04	5.70E-05	1.21E-04	1.59E-03	Residence	4.14E-07	0.41	0.00	4.65E-04	4.71E-04	4.77E-04	9.26E-05	1.11E-04	1.62E-03
605772	4122180	4.97E-04	5.03E-04	5.09E-04	6.22E-05	1.30E-04	1.70E-03	Residence	4.42E-07	0.44	0.00	4.97E-04	5.03E-04	5.09E-04	1.01E-04	1.20E-04	1.73E-03
605792	4122180	5.23E-04	5.28E-04	5.34E-04	6.77E-05	1.40E-04	1.79E-03	Residence	4.66E-07	0.47	0.00	5.23E-04	5.28E-04	5.34E-04	1.10E-04	1.29E-04	1.82E-03
605812	4122180	5.43E-04	5.48E-04	5.54E-04	7.35E-05	1.51E-04	1.87E-03	Residence	4.86E-07	0.49	0.00	5.43E-04	5.48E-04	5.54E-04	1.19E-04	1.39E-04	1.90E-03
605832	4122180	5.78E-04	5.83E-04	5.88E-04	7.97E-05	1.62E-04	1.99E-03	Residence	5.18E-07	0.52	0.00	5.78E-04	5.83E-04	5.88E-04	1.29E-04	1.49E-04	2.03E-03
605892	4122180	6.57E-04	6.59E-04	6.62E-04	9.84E-05	1.95E-04	2.27E-03	Residence	5.90E-07	0.59	0.00	6.57E-04	6.59E-04	6.62E-04	1.60E-04	1.80E-04	2.32E-03
605912	4122180	6.78E-04	6.80E-04	6.81E-04	1.04E-04	2.05E-04	2.35E-03	Residence	6.10E-07	0.61	0.00	6.78E-04	6.80E-04	6.81E-04	1.69E-04	1.89E-04	2.40E-03
605932	4122180	6.91E-04	6.91E-04	6.90E-04	1.09E-04	2.14E-04	2.40E-03	Residence	6.23E-07	0.62	0.00	6.91E-04	6.91E-04	6.90E-04	1.78E-04	1.97E-04	2.45E-03
605952	4122180	7.06E-04	7.04E-04	7.02E-04	1.14E-04	2.22E-04	2.45E-03	Residence	6.36E-07	0.64	0.00	7.06E-04	7.04E-04	7.02E-04	1.85E-04	2.04E-04	2.50E-03
605972	4122180	7.17E-04	7.13E-04	7.08E-04	1.17E-04	2.27E-04	2.48E-03	Residence	6.45E-07	0.65	0.00	7.17E-04	7.13E-04	7.08E-04	1.89E-04	2.09E-04	2.54E-03
605992	4122180	7.18E-04	7.12E-04	7.05E-04	1.18E-04	2.30E-04	2.48E-03	Residence	6.46E-07	0.65	0.00	7.18E-04	7.12E-04	7.05E-04	1.92E-04	2.11E-04	2.54E-03
606012	4122180	7.09E-04	7.02E-04	6.93E-04	1.18E-04	2.30E-04	2.45E-03	Residence	6.37E-07	0.64	0.00	7.09E-04	7.02E-04	6.93E-04	1.92E-04	2.12E-04	2.51E-03
606032	4122180	6.97E-04	6.87E-04	6.77E-04	1.16E-04	2.28E-04	2.41E-03	Residence	6.25E-07	0.63	0.00	6.97E-04	6.87E-04	6.77E-04	1.89E-04	2.10E-04	2.46E-03
606052	4122180	6.76E-04	6.65E-04	6.54E-04	1.13E-04	2.24E-04	2.33E-03	Residence	6.06E-07	0.61	0.00	6.76E-04	6.65E-04	6.54E-04	1.84E-04	2.06E-04	2.38E-03
606132	4122180	5.29E-04	5.21E-04	5.11E-04	9.35E-05	1.97E-04	1.85E-03	Worker	4.81E-07	0.48	0.00	5.29E-04	5.21E-04	5.11E-04	1.52E-04	1.81E-04	1.89E-03
606152	4122180	4.90E-04	4.83E-04	4.74E-04	8.81E-05	1.90E-04	1.72E-03	Worker	4.48E-07	0.45	0.00	4.90E-04	4.83E-04	4.74E-04	1.43E-04	1.75E-04	1.76E-03
606172	4122180	4.54E-04	4.48E-04	4.41E-04	8.23E-05	1.83E-04	1.61E-03	Worker	4.18E-07	0.42	0.00	4.54E-04	4.48E-04	4.41E-04	1.34E-04	1.68E-04	1.64E-03
606332	4122180	2.51E-04	2.49E-04	2.47E-04	3.82E-05	1.17E-04	9.02E-04	Worker	2.34E-07	0.23	0.00	2.51E-04	2.49E-04	2.47E-04	6.21E-05	1.07E-04	9.17E-04
606352	4122180	2.30E-04	2.29E-04	2.27E-04	3.51E-05	1.10E-04	8.31E-04	Worker	2.16E-07	0.22	0.00	2.30E-04	2.29E-04	2.27E-04	5.70E-05	1.01E-04	8.44E-04
606672	4122180	1.70E-04	1.69E-04	1.67E-04	1.40E-05	4.52E-05	5.66E-04	Residence	1.47E-07	0.15	0.00	1.70E-04	1.69E-04	1.67E-04	2.28E-05	4.16E-05	5.71E-04
606712	4122180	1.69E-04	1.67E-04	1.66E-04	1.27E-05	4.11E-05	5.55E-04	Residence	1.44E-07	0.14	0.00	1.69E-04	1.67E-04	1.66E-04	2.07E-05	3.78E-05	5.60E-04
606812	4122180	1.64E-04	1.62E-04	1.61E-04	1.01E-05	3.30E-05	5.30E-04	Residence	1.38E-07	0.14	0.00	1.64E-04	1.62E-04	1.61E-04	1.64E-05	3.04E-05	5.34E-04
606832	4122180	1.62E-04	1.60E-04	1.59E-04	9.66E-06	3.17E-05	5.22E-04	Residence	1.36E-07	0.14	0.00	1.62E-04	1.60E-04	1.59E-04	1.57E-05	2.92E-05	5.26E-04
606852	4122180	1.59E-04	1.58E-04	1.57E-04	9.25E-06	3.04E-05	5.13E-04	Residence	1.33E-07	0.13	0.00	1.59E-04	1.58E-04	1.57E-04	1.50E-05	2.80E-05	5.17E-04
606872	4122180	1.57E-04	1.56E-04	1.55E-04	8.86E-06	2.92E-05	5.05E-04	Residence	1.31E-07	0.13	0.00	1.57E-04	1.56E-04	1.55E-04	1.44E-05	2.69E-05	5.09E-04
606892	4122180	1.55E-04	1.53E-04	1.52E-04	8.50E-06	2.81E-05	4.97E-04	Residence	1.29E-07	0.13	0.00	1.55E-04	1.53E-04	1.52E-04	1.38E-05	2.59E-05	5.00E-04
606912	4122180	1.52E-04	1.51E-04	1.50E-04	8.17E-06	2.71E-05	4.89E-04	Residence	1.27E-07	0.13	0.00	1.52E-04	1.51E-04	1.50E-04	1.33E-05	2.49E-05	4.92E-04
605872	4122200	6.42E-04	6.43E-04	6.44E-04	8.81E-05	1.75E-04	2.19E-03	Residence	5.70E-07	0.57	0.00	6.42E-04	6.43E-04	6.44E-04	1.43E-04	1.61E-04	2.23E-03
605892	4122200	6.66E-04	6.67E-04	6.67E-04	9.27E-05	1.83E-04	2.28E-03	Residence	5.92E-07	0.59	0.00	6.66E-04	6.67E-04	6.67E-04	1.51E-04	1.69E-04	2.32E-03
605912	4122200	6.80E-04	6.79E-04	6.78E-04	9.69E-05	1.91E-04	2.33E-03	Residence	6.05E-07	0.60	0.00	6.80E-04	6.79E-04	6.78E-04	1.57E-04	1.76E-04	2.37E-03
605932	4122200	6.90E-04	6.88E-04	6.85E-04	1.00E-04	1.97E-04	2.36E-03	Residence	6.14E-07	0.61	0.00	6.90E-04	6.88E-04	6.85E-04	1.63E-04	1.81E-04	2.41E-03
605952	4122200	7.00E-04	6.96E-04	6.91E-04	1.03E-04	2.01E-04	2.39E-03	Residence	6.22E-07	0.62	0.00	7.00E-04	6.96E-04	6.91E-04	1.67E-04	1.85E-04	2.44E-03

605972	4122200	7.03E-04	6.98E-04	6.91E-04	1.04E-04	2.04E-04	2.40E-03	Residence	6.24E-07	0.62	0.00	7.03E-04	6.98E-04	6.91E-04	1.70E-04	1.88E-04	2.45E-03
605992	4122200	6.98E-04	6.91E-04	6.83E-04	1.05E-04	2.05E-04	2.38E-03	Residence	6.19E-07	0.62	0.00	6.98E-04	6.91E-04	6.83E-04	1.70E-04	1.88E-04	2.43E-03
606012	4122200	6.86E-04	6.77E-04	6.68E-04	1.03E-04	2.03E-04	2.34E-03	Residence	6.08E-07	0.61	0.00	6.86E-04	6.77E-04	6.68E-04	1.68E-04	1.87E-04	2.39E-03
606032	4122200	6.68E-04	6.59E-04	6.48E-04	1.01E-04	2.00E-04	2.28E-03	Residence	5.92E-07	0.59	0.00	6.68E-04	6.59E-04	6.48E-04	1.64E-04	1.84E-04	2.32E-03
606052	4122200	6.45E-04	6.35E-04	6.24E-04	9.79E-05	1.96E-04	2.20E-03	Residence	5.71E-07	0.57	0.00	6.45E-04	6.35E-04	6.24E-04	1.59E-04	1.80E-04	2.24E-03
606072	4122200	6.20E-04	6.10E-04	6.00E-04	9.40E-05	1.91E-04	2.11E-03	Residence	5.50E-07	0.55	0.00	6.20E-04	6.10E-04	6.00E-04	1.53E-04	1.75E-04	2.16E-03
606132	4122200	5.02E-04	4.94E-04	4.86E-04	8.13E-05	1.73E-04	1.74E-03	Worker	4.51E-07	0.45	0.00	5.02E-04	4.94E-04	4.86E-04	1.32E-04	1.59E-04	1.77E-03
606152	4122200	4.66E-04	4.60E-04	4.53E-04	7.69E-05	1.67E-04	1.62E-03	Worker	4.22E-07	0.42	0.00	4.66E-04	4.60E-04	4.53E-04	1.25E-04	1.54E-04	1.66E-03
606172	4122200	4.34E-04	4.28E-04	4.22E-04	7.20E-05	1.61E-04	1.52E-03	Worker	3.94E-07	0.39	0.00	4.34E-04	4.28E-04	4.22E-04	1.17E-04	1.48E-04	1.55E-03
606332	4122200	2.46E-04	2.45E-04	2.43E-04	3.52E-05	1.07E-04	8.76E-04	Worker	2.28E-07	0.23	0.00	2.46E-04	2.45E-04	2.43E-04	5.71E-05	9.82E-05	8.89E-04
606352	4122200	2.27E-04	2.26E-04	2.25E-04	3.24E-05	1.01E-04	8.10E-04	Worker	2.11E-07	0.21	0.00	2.27E-04	2.26E-04	2.25E-04	5.26E-05	9.26E-05	8.22E-04
606672	4122200	1.66E-04	1.64E-04	1.63E-04	1.35E-05	4.33E-05	5.51E-04	Residence	1.43E-07	0.14	0.00	1.66E-04	1.64E-04	1.63E-04	2.19E-05	3.99E-05	5.56E-04
606752	4122200	1.63E-04	1.61E-04	1.60E-04	1.12E-05	3.63E-05	5.31E-04	Residence	1.38E-07	0.14	0.00	1.63E-04	1.61E-04	1.60E-04	1.82E-05	3.34E-05	5.35E-04
606772	4122200	1.61E-04	1.60E-04	1.59E-04	1.07E-05	3.48E-05	5.26E-04	Residence	1.37E-07	0.14	0.00	1.61E-04	1.60E-04	1.59E-04	1.74E-05	3.20E-05	5.30E-04
606792	4122200	1.60E-04	1.58E-04	1.57E-04	1.03E-05	3.34E-05	5.19E-04	Residence	1.35E-07	0.13	0.00	1.60E-04	1.58E-04	1.57E-04	1.67E-05	3.07E-05	5.23E-04
606812	4122200	1.58E-04	1.57E-04	1.56E-04	9.82E-06	3.20E-05	5.13E-04	Residence	1.33E-07	0.13	0.00	1.58E-04	1.57E-04	1.56E-04	1.60E-05	2.95E-05	5.16E-04
606832	4122200	1.57E-04	1.55E-04	1.54E-04	9.42E-06	3.08E-05	5.06E-04	Residence	1.32E-07	0.13	0.00	1.57E-04	1.55E-04	1.54E-04	1.53E-05	2.83E-05	5.10E-04
606852	4122200	1.55E-04	1.53E-04	1.52E-04	9.03E-06	2.96E-05	4.99E-04	Residence	1.30E-07	0.13	0.00	1.55E-04	1.53E-04	1.52E-04	1.47E-05	2.72E-05	5.02E-04
606872	4122200	1.53E-04	1.51E-04	1.50E-04	8.66E-06	2.85E-05	4.91E-04	Residence	1.28E-07	0.13	0.00	1.53E-04	1.51E-04	1.50E-04	1.41E-05	2.62E-05	4.94E-04
606892	4122200	1.51E-04	1.50E-04	1.49E-04	8.32E-06	2.74E-05	4.85E-04	Residence	1.26E-07	0.13	0.00	1.51E-04	1.50E-04	1.49E-04	1.35E-05	2.52E-05	4.88E-04
605872	4122220	6.49E-04	6.49E-04	6.49E-04	8.32E-05	1.65E-04	2.20E-03	Residence	5.71E-07	0.57	0.00	6.49E-04	6.49E-04	6.49E-04	1.35E-04	1.52E-04	2.23E-03
605892	4122220	6.67E-04	6.65E-04	6.63E-04	8.66E-05	1.71E-04	2.25E-03	Residence	5.86E-07	0.59	0.00	6.67E-04	6.65E-04	6.63E-04	1.41E-04	1.58E-04	2.29E-03
605912	4122220	6.78E-04	6.75E-04	6.72E-04	8.95E-05	1.76E-04	2.29E-03	Residence	5.96E-07	0.60	0.00	6.78E-04	6.75E-04	6.72E-04	1.45E-04	1.62E-04	2.33E-03
605932	4122220	6.87E-04	6.83E-04	6.78E-04	9.17E-05	1.80E-04	2.32E-03	Residence	6.03E-07	0.60	0.00	6.87E-04	6.83E-04	6.78E-04	1.49E-04	1.66E-04	2.36E-03
605952	4122220	6.88E-04	6.82E-04	6.76E-04	9.30E-05	1.83E-04	2.32E-03	Residence	6.03E-07	0.60	0.00	6.88E-04	6.82E-04	6.76E-04	1.51E-04	1.68E-04	2.36E-03
605972	4122220	6.86E-04	6.79E-04	6.72E-04	9.33E-05	1.84E-04	2.31E-03	Residence	6.02E-07	0.60	0.00	6.86E-04	6.79E-04	6.72E-04	1.52E-04	1.69E-04	2.36E-03
605992	4122220	6.76E-04	6.69E-04	6.60E-04	9.27E-05	1.83E-04	2.28E-03	Residence	5.93E-07	0.59	0.00	6.76E-04	6.69E-04	6.60E-04	1.51E-04	1.68E-04	2.32E-03
606012	4122220	6.60E-04	6.51E-04	6.41E-04	9.10E-05	1.81E-04	2.22E-03	Residence	5.78E-07	0.58	0.00	6.60E-04	6.51E-04	6.41E-04	1.48E-04	1.66E-04	2.27E-03
606032	4122220	6.40E-04	6.31E-04	6.20E-04	8.85E-05	1.77E-04	2.16E-03	Residence	5.61E-07	0.56	0.00	6.40E-04	6.31E-04	6.20E-04	1.44E-04	1.63E-04	2.20E-03
606052	4122220	6.17E-04	6.07E-04	5.96E-04	8.54E-05	1.73E-04	2.08E-03	Residence	5.40E-07	0.54	0.00	6.17E-04	6.07E-04	5.96E-04	1.39E-04	1.59E-04	2.12E-03
606132	4122220	4.77E-04	4.71E-04	4.64E-04	7.14E-05	1.53E-04	1.64E-03	Worker	4.25E-07	0.43	0.00	4.77E-04	4.71E-04	4.64E-04	1.16E-04	1.41E-04	1.67E-03
606152	4122220	4.45E-04	4.39E-04	4.33E-04	6.77E-05	1.48E-04	1.53E-03	Worker	3.99E-07	0.40	0.00	4.45E-04	4.39E-04	4.33E-04	1.10E-04	1.37E-04	1.56E-03
606172	4122220	4.16E-04	4.11E-04	4.06E-04	6.36E-05	1.44E-04	1.44E-03	Worker	3.74E-07	0.37	0.00	4.16E-04	4.11E-04	4.06E-04	1.03E-04	1.32E-04	1.47E-03
606292	4122220	2.84E-04	2.82E-04	2.80E-04	3.84E-05	1.09E-04	9.93E-04	Worker	2.58E-07	0.26	0.00	2.84E-04	2.82E-04	2.80E-04	6.23E-05	1.00E-04	1.01E-03
606712	4122220	1.59E-04	1.57E-04	1.56E-04	1.18E-05	3.81E-05	5.21E-04	Residence	1.36E-07	0.14	0.00	1.59E-04	1.57E-04	1.56E-04	1.92E-05	3.50E-05	5.26E-04
606732	4122220	1.58E-04	1.56E-04	1.55E-04	1.13E-05	3.65E-05	5.17E-04	Residence	1.34E-07	0.13	0.00	1.58E-04	1.56E-04	1.55E-04	1.84E-05	3.36E-05	5.21E-04
606752	4122220	1.57E-04	1.55E-04	1.54E-04	1.09E-05	3.50E-05	5.12E-04	Residence	1.33E-07	0.13	0.00	1.57E-04	1.55E-04	1.54E-04	1.76E-05	3.22E-05	5.16E-04
606772	4122220	1.56E-04	1.55E-04	1.54E-04	1.04E-05	3.36E-05	5.08E-04	Residence	1.32E-07	0.13	0.00	1.56E-04	1.55E-04	1.54E-04	1.69E-05	3.09E-05	5.12E-04
606792	4122220	1.55E-04	1.54E-04	1.53E-04	9.97E-06	3.23E-05	5.04E-04	Residence	1.31E-07	0.13	0.00	1.55E-04	1.54E-04	1.53E-04	1.62E-05	2.97E-05	5.07E-04
606812	4122220	1.54E-04	1.52E-04	1.51E-04	9.56E-06	3.11E-05	4.98E-04	Residence	1.29E-07	0.13	0.00	1.54E-04	1.52E-04	1.51E-04	1.55E-05	2.86E-05	5.01E-04
605872	4122240	6.48E-04	6.46E-04	6.44E-04	7.79E-05	1.55E-04	2.17E-03	Residence	5.64E-07	0.56	0.00	6.48E-04	6.46E-04	6.44E-04	1.27E-04	1.42E-04	2.21E-03
605892	4122240	6.62E-04	6.59E-04	6.56E-04	8.04E-05	1.59E-04	2.22E-03	Residence	5.76E-07	0.58	0.00	6.62E-04	6.59E-04	6.56E-04	1.31E-04	1.46E-04	2.25E-03
605912	4122240	6.72E-04	6.67E-04	6.62E-04	8.22E-05	1.62E-04	2.25E-03	Residence	5.84E-07	0.58	0.00	6.72E-04	6.67E-04	6.62E-04	1.34E-04	1.49E-04	2.28E-03
605932	4122240	6.77E-04	6.72E-04	6.67E-04	8.34E-05	1.65E-04	2.26E-03	Residence	5.88E-07	0.59	0.00	6.77E-04	6.72E-04	6.67E-04	1.36E-04	1.51E-04	2.30E-03
605952	4122240	6.76E-04	6.70E-04	6.64E-04	8.38E-05	1.66E-04	2.26E-03	Residence	5.87E-07	0.59	0.00	6.76E-04	6.70E-04	6.64E-04	1.36E-04	1.52E-04	2.30E-03
605972	4122240	6.69E-04	6.62E-04	6.55E-04	8.35E-05	1.65E-04	2.23E-03	Residence	5.81E-07	0.58	0.00	6.69E-04	6.62E-04	6.55E-04	1.36E-04	1.52E-04	2.27E-03
605992	4122240	6.57E-04	6.49E-04	6.41E-04	8.23E-05	1.64E-04	2.19E-03	Residence	5.70E-07	0.57	0.00	6.57E-04	6.49E-04	6.41E-04	1.34E-04	1.51E-04	2.23E-03
606012	4122240	6.39E-04	6.31E-04	6.22E-04	8.04E-05	1.61E-04	2.13E-03	Residence	5.55E-07	0.55	0.00	6.39E-04	6.31E-04	6.22E-04	1.31E-04	1.48E-04	2.17E-03
606032	4122240	6.17E-04	6.08E-04	5.99E-04	7.79E-05	1.58E-04	2.06E-03	Residence	5.35E-07	0.54	0.00	6.17E-04	6.08E-04	5.99E-04	1.27E-04	1.45E-04	2.10E-03
606052	4122240	5.90E-04	5.82E-04	5.73E-04	7.51E-05	1.54E-04	1.97E-03	Residence	5.13E-07	0.51	0.00	5.90E-04	5.82E-04	5.73E-04	1.22E-04	1.41E-04	2.01E-03
606132	4122240	4.56E-04	4.51E-04	4.44E-04	6.34E-05	1.37E-04	1.55E-03	Worker	4.03E-07	0.40	0.00	4.56E-04	4.51E-04	4.44E-04	1.03E-04	1.26E-04	1.58E-03
606152	4122240	4.27E-04	4.22E-04	4.17E-04	6.01E-05	1.33E-04	1.46E-03	Worker	3.79E-07	0.38	0.00	4.27E-04	4.22E-04	4.17E-04	9.77E-05	1.22E-04	1.49E-03
606192	4122240	3.78E-04	3.74E-04	3.71E-04	5.29E-05	1.24E-04	1.30E-03	Worker	3.38E-07	0.34	0.00	3.78E-04	3.74E-04	3.71E-04	8.60E-05	1.14E-04	1.32E-03
606292	4122240	2.77E-04	2.75E-04	2.73E-04	3.51E-05	9.95E-05	9.60E-04	Worker	2.49E-07	0.25	0.00	2.77E-04	2.75E-04	2.73E-04	5.71E-05	9.16E-05	9.74E-04
606312	4122240	2.56E-04	2.55E-04	2.53E-04	3.24E-05	9.46E-05	8.92E-04	Worker	2.32E-07	0.23	0.00	2.56E-04	2.55E-04	2.53E-04	5.26E-05	8.70E-05	9.05E-04
606332	4122240	2.36E-04	2.36E-04	2.35E-04	2.99E-05	8.98E-05	8.27E-04	Worker	2.15E-07	0.21	0.00	2.36E-04	2.36E-04	2.35E-04	4.86E-05	8.26E-05	8.38E-04
606352	4122240	2.18E-04	2.18E-04	2.17E-04	2.77E-05	8.52E-05	7.66E-04	Worker	1.99E-07	0.20	0.00	2.18E-04	2.18E-04	2.17E-04	4.50E-05	7.84E-05	7.77E-04
606392	4122240	1.88E-04	1.88E-04	1.88E-04	2.40E-05	7.65E-05	6.65E-04	Worker	1.73E-07	0.17	0.00	1.88E-04	1.88E-04	1.88E-04	3.89E-05	7.04E-05	6.74E-04
606412	4122240	1.77E-04	1.78E-04	1.78E-04	2.24E-05	7.26E-05	6.28E-04	Worker	1.63E-07	0.16	0.00	1.77E-04	1.78E-04	1.78E-04	3.65E-05	6.68E-05	6.36E-04
606452	4122240	1.64E-04	1.64E-04	1.64E-04	2.00E-05	6.55E-05	5.77E-04	Worker	1.50E-07	0.15	0.00	1.64E-04	1.64E-04	1.64E-04	3.24E-05	6.03E-05	5.84E-04
606472	4122240	1.60E-04	1.60E-04	1.59E-04	1.90E-05	6.23E-05	5.60E-04	Worker	1.46E-07	0.15	0.00	1.60E-04	1.60E-04	1.59E-04	3.08E-05	5.73E-05	5.67E-04
606712	4122240	1.54E-04	1.52E-04	1.51E-04	1.14E-05	3.66E-05	5.05E-04	Residence	1.31E-07	0.13	0.00	1.54E-04	1.52E-04	1.51E-04	1.85E-05	3.37E-05	5.09E-04
606732	4122240	1.53E-04	1.52E-04	1.50E-04	1.09E-05	3.52E-05	5.01E-04	Residence	1.30E-07	0.13	0.00	1.53E-04	1.52E-04	1.50E-04	1.78E-05	3.24E-05	5.05E-04
606752	4122240	1.52E-04	1.51E-04	1.50E-04	1.05E-05	3.38E-05	4.98E-04	Residence	1.29E-07	0.13	0.00	1.52E-04	1.51E-04	1.50E-04	1.70E-05	3.11E-05	5.02E-04
605852	4122260	6.26E-04	6.24E-04	6.23E-04	7.06E-05	1.40E-04	2.08E-03	Residence	5.42E-07	0.54	0.00	6.26E-04	6.24E-04	6.23E-04	1.15E-04	1.29E-04	2.12E-03
605872	4122260	6.36E-04	6.33E-04	6.31E-04	7.26E-05	1.44E-04	2.12E-03	Residence	5.50E-07	0.55	0.00	6.36E-04	6.33E-04	6.31E-04	1.18E-04	1.33E-04	2.15E-03
605892	4122260	6.44E-04	6.40E-04	6.37E-04	7.42E-05	1.47E-04	2.14E-03	Residence	5.57E-07	0.56	0.00	6.44E-04	6.40E-04	6.37E-04	1.21E-04	1.35E-04	2.18E-03
605912	4122260	6.50E-04	6.44E-04	6.40E-04	7.52E-05	1.49E-04	2.16E-03	Residence	5.61E-07	0.56	0.00	6.50E-04	6.44E-04	6.40E-04	1.22E-04	1.37E-04	2.19E-03
605932	4122260	6.50E-04	6.44E-04	6.38E-04	7.57E-05	1.50E-04	2.16E-03	Residence	5.61E-07	0.56	0.00	6.50E-04	6.44E-04	6.38E-04	1.23E-04	1.38E-04	2.19E-03
605952	4122260	6.47E-04	6.40E-04	6.34E-04	7.55E-05	1.50E-04	2.15E-03	Residence	5.58E-07	0.56	0.00	6.47E-04	6.40E-04	6.34E-04	1.23E-04	1.38E-04	2.18E-03
605972	4122260	6.37E-04	6.29E-04	6.22E-04	7.47E-05	1.49E-04	2.11E-03	Residence	5.49E-07	0.55	0.00	6.37E-04	6.29E-04	6.22E-04	1.21E-04	1.37E-04	2.15E-03
605992	4122260	6.22E-04	6.14E-04	6.07E-04	7.32E-05	1.47E-04	2.06E-03	Residence	5.36E-07	0.54	0.00	6.22E-04	6.14E-04	6.07E-04	1.19E-04	1.35E-04	2.10E-03
606012	4122260	6.04E-04	5.96E-04	5.88E-04	7.12E-05	1.44E-04	2.00E-03	Residence	5.21E-07	0.52	0.00	6.04E-04	5.96E-04	5.88E-04	1.16E-04	1.33E-04	2.04E-03

606032	4122260	5.81E-04	5.73E-04	5.65E-04	6.89E-05	1.41E-04	1.93E-03	Residence	5.01E-07	0.50	0.00	5.81E-04	5.73E-04	5.65E-04	1.12E-04	1.29E-04	1.96E-03
606052	4122260	5.54E-04	5.46E-04	5.39E-04	6.65E-05	1.37E-04	1.84E-03	Residence	4.79E-07	0.48	0.00	5.54E-04	5.46E-04	5.39E-04	1.08E-04	1.26E-04	1.87E-03
606132	4122260	4.41E-04	4.36E-04	4.31E-04	5.67E-05	1.23E-04	1.49E-03	Worker	3.87E-07	0.39	0.00	4.41E-04	4.36E-04	4.31E-04	9.21E-05	1.13E-04	1.51E-03
606152	4122260	4.12E-04	4.08E-04	4.03E-04	5.39E-05	1.20E-04	1.40E-03	Worker	3.63E-07	0.36	0.00	4.12E-04	4.08E-04	4.03E-04	8.75E-05	1.10E-04	1.42E-03
606172	4122260	3.88E-04	3.84E-04	3.80E-04	5.08E-05	1.16E-04	1.32E-03	Worker	3.43E-07	0.34	0.00	3.88E-04	3.84E-04	3.80E-04	8.26E-05	1.07E-04	1.34E-03
606192	4122260	3.66E-04	3.63E-04	3.60E-04	4.76E-05	1.12E-04	1.25E-03	Worker	3.25E-07	0.32	0.00	3.66E-04	3.63E-04	3.60E-04	7.74E-05	1.03E-04	1.27E-03
606212	4122260	3.47E-04	3.44E-04	3.41E-04	4.43E-05	1.08E-04	1.19E-03	Worker	3.08E-07	0.31	0.00	3.47E-04	3.44E-04	3.41E-04	7.20E-05	9.98E-05	1.20E-03
606292	4122260	2.71E-04	2.70E-04	2.68E-04	3.23E-05	9.13E-05	9.33E-04	Worker	2.43E-07	0.24	0.00	2.71E-04	2.70E-04	2.68E-04	5.25E-05	8.40E-05	9.46E-04
606312	4122260	2.52E-04	2.51E-04	2.50E-04	2.99E-05	8.70E-05	8.70E-04	Worker	2.26E-07	0.23	0.00	2.52E-04	2.51E-04	2.50E-04	4.86E-05	8.00E-05	8.81E-04
606332	4122260	2.33E-04	2.33E-04	2.32E-04	2.78E-05	8.29E-05	8.09E-04	Worker	2.10E-07	0.21	0.00	2.33E-04	2.33E-04	2.32E-04	4.51E-05	7.62E-05	8.20E-04
606352	4122260	2.16E-04	2.16E-04	2.15E-04	2.58E-05	7.89E-05	7.53E-04	Worker	1.96E-07	0.20	0.00	2.16E-04	2.16E-04	2.15E-04	4.19E-05	7.25E-05	7.62E-04
606392	4122260	1.88E-04	1.88E-04	1.88E-04	2.24E-05	7.13E-05	6.57E-04	Worker	1.71E-07	0.17	0.00	1.88E-04	1.88E-04	1.88E-04	3.64E-05	6.56E-05	6.66E-04
606412	4122260	1.77E-04	1.78E-04	1.78E-04	2.10E-05	6.78E-05	6.22E-04	Worker	1.62E-07	0.16	0.00	1.77E-04	1.78E-04	1.78E-04	3.42E-05	6.24E-05	6.29E-04
606452	4122260	1.63E-04	1.63E-04	1.63E-04	1.87E-05	6.14E-05	5.70E-04	Worker	1.48E-07	0.15	0.00	1.63E-04	1.63E-04	1.63E-04	3.04E-05	5.65E-05	5.77E-04
606472	4122260	1.59E-04	1.59E-04	1.59E-04	1.78E-05	5.85E-05	5.53E-04	Worker	1.44E-07	0.14	0.00	1.59E-04	1.59E-04	1.59E-04	2.89E-05	5.38E-05	5.60E-04
606712	4122260	1.50E-04	1.48E-04	1.47E-04	1.10E-05	3.52E-05	4.92E-04	Residence	1.28E-07	0.13	0.00	1.50E-04	1.48E-04	1.47E-04	1.78E-05	3.24E-05	4.96E-04
605852	4122280	6.16E-04	6.13E-04	6.11E-04	6.60E-05	1.32E-04	2.04E-03	Residence	5.30E-07	0.53	0.00	6.16E-04	6.13E-04	6.11E-04	1.07E-04	1.21E-04	2.07E-03
605872	4122280	6.07E-04	6.02E-04	5.99E-04	6.72E-05	1.34E-04	2.01E-03	Residence	5.22E-07	0.52	0.00	6.07E-04	6.02E-04	5.99E-04	1.09E-04	1.23E-04	2.04E-03
605892	4122280	6.07E-04	6.02E-04	5.97E-04	6.81E-05	1.35E-04	2.01E-03	Residence	5.22E-07	0.52	0.00	6.07E-04	6.02E-04	5.97E-04	1.11E-04	1.25E-04	2.04E-03
605912	4122280	6.18E-04	6.11E-04	6.06E-04	6.87E-05	1.37E-04	2.04E-03	Residence	5.30E-07	0.53	0.00	6.18E-04	6.11E-04	6.06E-04	1.12E-04	1.26E-04	2.07E-03
605932	4122280	6.27E-04	6.20E-04	6.14E-04	6.88E-05	1.37E-04	2.07E-03	Residence	5.37E-07	0.54	0.00	6.27E-04	6.20E-04	6.14E-04	1.12E-04	1.26E-04	2.10E-03
605952	4122280	6.22E-04	6.14E-04	6.08E-04	6.82E-05	1.36E-04	2.05E-03	Residence	5.32E-07	0.53	0.00	6.22E-04	6.14E-04	6.08E-04	1.11E-04	1.25E-04	2.08E-03
605972	4122280	6.10E-04	6.01E-04	5.94E-04	6.71E-05	1.35E-04	2.01E-03	Residence	5.22E-07	0.52	0.00	6.10E-04	6.01E-04	5.94E-04	1.09E-04	1.24E-04	2.04E-03
605992	4122280	5.95E-04	5.87E-04	5.79E-04	6.55E-05	1.32E-04	1.96E-03	Residence	5.09E-07	0.51	0.00	5.95E-04	5.87E-04	5.79E-04	1.06E-04	1.22E-04	1.99E-03
606012	4122280	5.76E-04	5.69E-04	5.61E-04	6.36E-05	1.30E-04	1.90E-03	Residence	4.94E-07	0.49	0.00	5.76E-04	5.69E-04	5.61E-04	1.03E-04	1.19E-04	1.93E-03
606032	4122280	5.54E-04	5.46E-04	5.39E-04	6.15E-05	1.27E-04	1.83E-03	Residence	4.75E-07	0.47	0.00	5.54E-04	5.46E-04	5.39E-04	1.00E-04	1.16E-04	1.86E-03
606052	4122280	5.26E-04	5.19E-04	5.12E-04	5.93E-05	1.23E-04	1.74E-03	Residence	4.52E-07	0.45	0.00	5.26E-04	5.19E-04	5.12E-04	9.64E-05	1.14E-04	1.77E-03
606172	4122280	3.76E-04	3.73E-04	3.70E-04	4.59E-05	1.06E-04	1.27E-03	Worker	3.30E-07	0.33	0.00	3.76E-04	3.73E-04	3.70E-04	7.46E-05	9.72E-05	1.29E-03
606192	4122280	3.56E-04	3.53E-04	3.50E-04	4.31E-05	1.02E-04	1.20E-03	Worker	3.13E-07	0.31	0.00	3.56E-04	3.53E-04	3.50E-04	7.00E-05	9.41E-05	1.22E-03
606212	4122280	3.38E-04	3.35E-04	3.33E-04	4.02E-05	9.88E-05	1.14E-03	Worker	2.98E-07	0.30	0.00	3.38E-04	3.35E-04	3.33E-04	6.54E-05	9.09E-05	1.16E-03
606232	4122280	3.20E-04	3.18E-04	3.15E-04	3.74E-05	9.52E-05	1.09E-03	Worker	2.82E-07	0.28	0.00	3.20E-04	3.18E-04	3.15E-04	6.08E-05	8.76E-05	1.10E-03
606292	4122280	2.66E-04	2.65E-04	2.64E-04	2.99E-05	8.40E-05	9.09E-04	Worker	2.36E-07	0.24	0.00	2.66E-04	2.65E-04	2.64E-04	4.85E-05	7.73E-05	9.21E-04
606312	4122280	2.48E-04	2.48E-04	2.46E-04	2.77E-05	8.03E-05	8.50E-04	Worker	2.21E-07	0.22	0.00	2.48E-04	2.48E-04	2.46E-04	4.51E-05	7.39E-05	8.61E-04
606332	4122280	2.31E-04	2.31E-04	2.30E-04	2.58E-05	7.67E-05	7.94E-04	Worker	2.06E-07	0.21	0.00	2.31E-04	2.31E-04	2.30E-04	4.20E-05	7.06E-05	8.04E-04
606352	4122280	2.15E-04	2.15E-04	2.14E-04	2.41E-05	7.32E-05	7.42E-04	Worker	1.93E-07	0.19	0.00	2.15E-04	2.15E-04	2.14E-04	3.91E-05	6.74E-05	7.51E-04
606372	4122280	2.00E-04	2.01E-04	2.00E-04	2.25E-05	6.98E-05	6.94E-04	Worker	1.80E-07	0.18	0.00	2.00E-04	2.01E-04	2.00E-04	3.66E-05	6.42E-05	7.02E-04
606392	4122280	1.88E-04	1.88E-04	1.88E-04	2.11E-05	6.66E-05	6.52E-04	Worker	1.69E-07	0.17	0.00	1.88E-04	1.88E-04	1.88E-04	3.42E-05	6.12E-05	6.60E-04
606412	4122280	1.78E-04	1.78E-04	1.78E-04	1.98E-05	6.35E-05	6.18E-04	Worker	1.61E-07	0.16	0.00	1.78E-04	1.78E-04	1.78E-04	3.21E-05	5.84E-05	6.25E-04
606432	4122280	1.70E-04	1.70E-04	1.70E-04	1.86E-05	6.05E-05	5.90E-04	Worker	1.53E-07	0.15	0.00	1.70E-04	1.70E-04	1.70E-04	3.03E-05	5.57E-05	5.96E-04
606452	4122280	1.63E-04	1.64E-04	1.64E-04	1.76E-05	5.78E-05	5.66E-04	Worker	1.47E-07	0.15	0.00	1.63E-04	1.64E-04	1.64E-04	2.86E-05	5.31E-05	5.73E-04
606472	4122280	1.59E-04	1.59E-04	1.59E-04	1.67E-05	5.52E-05	5.49E-04	Worker	1.43E-07	0.14	0.00	1.59E-04	1.59E-04	1.59E-04	2.72E-05	5.07E-05	5.55E-04
606492	4122280	1.56E-04	1.55E-04	1.55E-04	1.60E-05	5.27E-05	5.35E-04	Worker	1.39E-07	0.14	0.00	1.56E-04	1.55E-04	1.55E-04	2.60E-05	4.85E-05	5.41E-04
606512	4122280	1.53E-04	1.53E-04	1.53E-04	1.53E-05	5.05E-05	5.25E-04	Worker	1.36E-07	0.14	0.00	1.53E-04	1.53E-04	1.53E-04	2.49E-05	4.64E-05	5.30E-04
606532	4122280	1.52E-04	1.51E-04	1.51E-04	1.47E-05	4.84E-05	5.18E-04	Worker	1.35E-07	0.13	0.00	1.52E-04	1.51E-04	1.51E-04	2.39E-05	4.45E-05	5.23E-04
606552	4122280	1.52E-04	1.51E-04	1.51E-04	1.41E-05	4.64E-05	5.14E-04	Worker	1.34E-07	0.13	0.00	1.52E-04	1.51E-04	1.51E-04	2.30E-05	4.27E-05	5.19E-04
606572	4122280	1.51E-04	1.50E-04	1.50E-04	1.36E-05	4.45E-05	5.09E-04	Worker	1.32E-07	0.13	0.00	1.51E-04	1.50E-04	1.50E-04	2.21E-05	4.10E-05	5.14E-04
606892	4122280	1.37E-04	1.36E-04	1.35E-04	7.57E-06	2.46E-05	4.41E-04	Residence	1.15E-07	0.11	0.00	1.37E-04	1.36E-04	1.35E-04	1.23E-05	2.26E-05	4.44E-04
606912	4122280	1.35E-04	1.34E-04	1.33E-04	7.31E-06	2.38E-05	4.34E-04	Residence	1.13E-07	0.11	0.00	1.35E-04	1.34E-04	1.33E-04	1.19E-05	2.19E-05	4.37E-04
605632	4122300	4.30E-04	4.32E-04	4.34E-04	3.93E-05	8.11E-05	1.42E-03	Residence	3.68E-07	0.37	0.00	4.30E-04	4.32E-04	4.34E-04	6.38E-05	7.46E-05	1.43E-03
605652	4122300	4.47E-04	4.49E-04	4.51E-04	4.16E-05	8.53E-05	1.47E-03	Residence	3.83E-07	0.38	0.00	4.47E-04	4.49E-04	4.51E-04	6.75E-05	7.85E-05	1.49E-03
605672	4122300	4.70E-04	4.71E-04	4.73E-04	4.39E-05	8.97E-05	1.55E-03	Residence	4.02E-07	0.40	0.00	4.70E-04	4.71E-04	4.73E-04	7.14E-05	8.26E-05	1.57E-03
605692	4122300	4.88E-04	4.89E-04	4.91E-04	4.62E-05	9.41E-05	1.61E-03	Residence	4.18E-07	0.42	0.00	4.88E-04	4.89E-04	4.91E-04	7.51E-05	8.66E-05	1.63E-03
605852	4122300	6.08E-04	6.04E-04	6.00E-04	6.15E-05	1.23E-04	2.00E-03	Residence	5.19E-07	0.52	0.00	6.08E-04	6.04E-04	6.00E-04	1.00E-04	1.13E-04	2.03E-03
605872	4122300	5.91E-04	5.86E-04	5.82E-04	6.22E-05	1.24E-04	1.94E-03	Residence	5.06E-07	0.51	0.00	5.91E-04	5.86E-04	5.82E-04	1.01E-04	1.14E-04	1.97E-03
605892	4122300	5.79E-04	5.73E-04	5.68E-04	6.25E-05	1.25E-04	1.91E-03	Residence	4.96E-07	0.50	0.00	5.79E-04	5.73E-04	5.68E-04	1.02E-04	1.15E-04	1.94E-03
605912	4122300	5.87E-04	5.80E-04	5.74E-04	6.27E-05	1.25E-04	1.93E-03	Residence	5.01E-07	0.50	0.00	5.87E-04	5.80E-04	5.74E-04	1.02E-04	1.15E-04	1.96E-03
605932	4122300	6.01E-04	5.94E-04	5.87E-04	6.25E-05	1.25E-04	1.97E-03	Residence	5.12E-07	0.51	0.00	6.01E-04	5.94E-04	5.87E-04	1.02E-04	1.15E-04	2.00E-03
605952	4122300	5.95E-04	5.87E-04	5.81E-04	6.17E-05	1.24E-04	1.95E-03	Residence	5.07E-07	0.51	0.00	5.95E-04	5.87E-04	5.81E-04	1.00E-04	1.14E-04	1.98E-03
605972	4122300	5.83E-04	5.75E-04	5.67E-04	6.04E-05	1.22E-04	1.91E-03	Residence	4.96E-07	0.50	0.00	5.83E-04	5.75E-04	5.67E-04	9.82E-05	1.12E-04	1.94E-03
605992	4122300	5.68E-04	5.60E-04	5.52E-04	5.88E-05	1.20E-04	1.86E-03	Residence	4.83E-07	0.48	0.00	5.68E-04	5.60E-04	5.52E-04	9.56E-05	1.10E-04	1.89E-03
606012	4122300	5.50E-04	5.43E-04	5.35E-04	5.71E-05	1.17E-04	1.80E-03	Residence	4.68E-07	0.47	0.00	5.50E-04	5.43E-04	5.35E-04	9.28E-05	1.08E-04	1.83E-03
606032	4122300	5.29E-04	5.22E-04	5.15E-04	5.52E-05	1.15E-04	1.74E-03	Residence	4.51E-07	0.45	0.00	5.29E-04	5.22E-04	5.15E-04	8.98E-05	1.05E-04	1.76E-03
606052	4122300	5.04E-04	4.97E-04	4.90E-04	5.34E-05	1.12E-04	1.66E-03	Residence	4.31E-07	0.43	0.00	5.04E-04	4.97E-04	4.90E-04	8.67E-05	1.03E-04	1.68E-03
606292	4122300	2.62E-04	2.61E-04	2.59E-04	2.77E-05	7.76E-05	8.88E-04	Worker	2.31E-07	0.23	0.00	2.62E-04	2.61E-04	2.59E-04	4.49E-05	7.14E-05	8.99E-04
606312	4122300	2.45E-04	2.44E-04	2.43E-04	2.58E-05	7.44E-05	8.32E-04	Worker	2.16E-07	0.22	0.00	2.45E-04	2.44E-04	2.43E-04	4.19E-05	6.85E-05	8.42E-04
606332	4122300	2.29E-04	2.28E-04	2.27E-04	2.41E-05	7.12E-05	7.80E-04	Worker	2.03E-07	0.20	0.00	2.29E-04	2.28E-04	2.27E-04	3.91E-05	6.56E-05	7.89E-04
606352	4122300	2.14E-04	2.14E-04	2.13E-04	2.25E-05	6.82E-05	7.32E-04	Worker	1.90E-07	0.19	0.00	2.14E-04	2.14E-04	2.13E-04	3.66E-05	6.27E-05	7.40E-04
606392	4122300	1.88E-04	1.88E-04	1.88E-04	1.98E-05	6.23E-05	6.47E-04	Worker	1.68E-07	0.17	0.00	1.88E-04	1.88E-04	1.88E-04	3.22E-05	5.73E-05	6.54E-04
606412	4122300	1.78E-04	1.79E-04	1.79E-04	1.86E-05	5.96E-05	6.14E-04	Worker	1.60E-07	0.16	0.00	1.78E-04	1.79E-04	1.79E-04	3.03E-05	5.48E-05	6.21E-04
606432	4122300	1.70E-04	1.70E-04	1.70E-04	1.76E-05	5.69E-05	5.85E-04	Worker	1.52E-07	0.15	0.00	1.70E-04	1.70E-04	1.70E-04	2.86E-05	5.24E-05	5.92E-04
606452	4122300	1.64E-04	1.64E-04	1.64E-04	1.66E-05	5.44E-05	5.62E-04	Worker	1.46E-07	0.15	0.00	1.64E-04	1.64E-04	1.64E-04	2.70E-05	5.01E-05	5.68E-04
606472	4122300	1.59E-04	1.59E-04	1.58E-04	1.58E-05	5.21E-05	5.44E-04	Worker	1.41E-07	0.14	0.00	1.59E-04	1.59E-04	1.58E-04	2.57E-05	4.79E-05	5.49E-04
606492	4122300	1.55E-04	1.54E-04	1.54E-04	1.51E-05	4.99E-05	5.28E-04	Worker	1.37E-07	0.14	0.00	1.55E-04	1.54E-04	1.54E-04	2.45E-05	4.59E-05	5.34E-04

606512	4122300	1.52E-04	1.51E-04	1.51E-04	1.44E-05	4.78E-05	5.16E-04	Worker	1.34E-07	0.13	0.00	1.52E-04	1.51E-04	1.51E-04	2.35E-05	4.40E-05	5.21E-04
606832	4122300	1.38E-04	1.37E-04	1.36E-04	8.19E-06	2.64E-05	4.46E-04	Residence	1.16E-07	0.12	0.00	1.38E-04	1.37E-04	1.36E-04	1.33E-05	2.43E-05	4.49E-04
606852	4122300	1.36E-04	1.35E-04	1.34E-04	7.91E-06	2.56E-05	4.38E-04	Residence	1.14E-07	0.11	0.00	1.36E-04	1.35E-04	1.34E-04	1.28E-05	2.35E-05	4.41E-04
606872	4122300	1.35E-04	1.34E-04	1.33E-04	7.64E-06	2.47E-05	4.34E-04	Residence	1.13E-07	0.11	0.00	1.35E-04	1.34E-04	1.33E-04	1.24E-05	2.28E-05	4.37E-04
606892	4122300	1.33E-04	1.32E-04	1.32E-04	7.38E-06	2.39E-05	4.29E-04	Residence	1.11E-07	0.11	0.00	1.33E-04	1.32E-04	1.32E-04	1.20E-05	2.20E-05	4.31E-04
606912	4122300	1.32E-04	1.31E-04	1.30E-04	7.13E-06	2.32E-05	4.23E-04	Residence	1.10E-07	0.11	0.00	1.32E-04	1.31E-04	1.30E-04	1.16E-05	2.13E-05	4.26E-04
605632	4122320	4.40E-04	4.41E-04	4.43E-04	3.91E-05	8.02E-05	1.44E-03	Residence	3.75E-07	0.38	0.00	4.40E-04	4.41E-04	4.43E-04	6.36E-05	7.38E-05	1.46E-03
605652	4122320	4.59E-04	4.60E-04	4.61E-04	4.12E-05	8.40E-05	1.50E-03	Residence	3.91E-07	0.39	0.00	4.59E-04	4.60E-04	4.61E-04	6.69E-05	7.73E-05	1.52E-03
605672	4122320	4.80E-04	4.81E-04	4.82E-04	4.32E-05	8.80E-05	1.57E-03	Residence	4.09E-07	0.41	0.00	4.80E-04	4.81E-04	4.82E-04	7.02E-05	8.09E-05	1.59E-03
605692	4122320	4.96E-04	4.96E-04	4.97E-04	4.52E-05	9.18E-05	1.63E-03	Residence	4.23E-07	0.42	0.00	4.96E-04	4.96E-04	4.97E-04	7.35E-05	8.44E-05	1.65E-03
605772	4122320	5.57E-04	5.55E-04	5.54E-04	5.26E-05	1.06E-04	1.82E-03	Residence	4.74E-07	0.47	0.00	5.57E-04	5.55E-04	5.54E-04	8.54E-05	9.72E-05	1.85E-03
605792	4122320	5.69E-04	5.66E-04	5.64E-04	5.41E-05	1.08E-04	1.86E-03	Residence	4.84E-07	0.48	0.00	5.69E-04	5.66E-04	5.64E-04	8.79E-05	9.98E-05	1.89E-03
605852	4122320	5.87E-04	5.82E-04	5.78E-04	5.72E-05	1.14E-04	1.92E-03	Residence	4.99E-07	0.50	0.00	5.87E-04	5.82E-04	5.78E-04	9.29E-05	1.05E-04	1.95E-03
605872	4122320	5.67E-04	5.62E-04	5.57E-04	5.75E-05	1.15E-04	1.86E-03	Residence	4.83E-07	0.48	0.00	5.67E-04	5.62E-04	5.57E-04	9.34E-05	1.06E-04	1.88E-03
605892	4122320	5.63E-04	5.57E-04	5.52E-04	5.75E-05	1.15E-04	1.84E-03	Residence	4.80E-07	0.48	0.00	5.63E-04	5.57E-04	5.52E-04	9.35E-05	1.06E-04	1.87E-03
605912	4122320	5.61E-04	5.55E-04	5.49E-04	5.73E-05	1.15E-04	1.84E-03	Residence	4.77E-07	0.48	0.00	5.61E-04	5.55E-04	5.49E-04	9.31E-05	1.06E-04	1.86E-03
605932	4122320	5.76E-04	5.68E-04	5.62E-04	5.69E-05	1.14E-04	1.88E-03	Residence	4.88E-07	0.49	0.00	5.76E-04	5.68E-04	5.62E-04	9.24E-05	1.05E-04	1.90E-03
605952	4122320	5.76E-04	5.68E-04	5.61E-04	5.59E-05	1.13E-04	1.87E-03	Residence	4.87E-07	0.49	0.00	5.76E-04	5.68E-04	5.61E-04	9.09E-05	1.04E-04	1.90E-03
605972	4122320	5.57E-04	5.49E-04	5.42E-04	5.46E-05	1.11E-04	1.81E-03	Residence	4.71E-07	0.47	0.00	5.57E-04	5.49E-04	5.42E-04	8.87E-05	1.02E-04	1.84E-03
605992	4122320	5.41E-04	5.33E-04	5.26E-04	5.31E-05	1.09E-04	1.76E-03	Residence	4.58E-07	0.46	0.00	5.41E-04	5.33E-04	5.26E-04	8.63E-05	1.00E-04	1.79E-03
606012	4122320	5.23E-04	5.16E-04	5.09E-04	5.15E-05	1.07E-04	1.71E-03	Residence	4.43E-07	0.44	0.00	5.23E-04	5.16E-04	5.09E-04	8.37E-05	9.80E-05	1.73E-03
606032	4122320	5.04E-04	4.97E-04	4.90E-04	4.99E-05	1.04E-04	1.64E-03	Residence	4.27E-07	0.43	0.00	5.04E-04	4.97E-04	4.90E-04	8.11E-05	9.58E-05	1.67E-03
606392	4122320	1.88E-04	1.88E-04	1.88E-04	1.87E-05	5.85E-05	6.41E-04	Worker	1.67E-07	0.17	0.00	1.88E-04	1.88E-04	1.88E-04	3.04E-05	5.38E-05	6.48E-04
606412	4122320	1.78E-04	1.79E-04	1.78E-04	1.76E-05	5.60E-05	6.09E-04	Worker	1.58E-07	0.16	0.00	1.78E-04	1.79E-04	1.78E-04	2.86E-05	5.15E-05	6.16E-04
606432	4122320	1.71E-04	1.71E-04	1.71E-04	1.66E-05	5.37E-05	5.82E-04	Worker	1.51E-07	0.15	0.00	1.71E-04	1.71E-04	1.71E-04	2.70E-05	4.94E-05	5.88E-04
606452	4122320	1.63E-04	1.63E-04	1.63E-04	1.58E-05	5.14E-05	5.55E-04	Worker	1.44E-07	0.14	0.00	1.63E-04	1.63E-04	1.63E-04	2.56E-05	4.73E-05	5.61E-04
606472	4122320	1.58E-04	1.58E-04	1.57E-04	1.50E-05	4.93E-05	5.37E-04	Worker	1.40E-07	0.14	0.00	1.58E-04	1.58E-04	1.57E-04	2.43E-05	4.53E-05	5.43E-04
606752	4122320	1.37E-04	1.36E-04	1.35E-04	9.08E-06	2.93E-05	4.47E-04	Residence	1.16E-07	0.12	0.00	1.37E-04	1.36E-04	1.35E-04	1.48E-05	2.69E-05	4.50E-04
606772	4122320	1.36E-04	1.35E-04	1.34E-04	8.78E-06	2.83E-05	4.41E-04	Residence	1.15E-07	0.11	0.00	1.36E-04	1.35E-04	1.34E-04	1.43E-05	2.60E-05	4.44E-04
606792	4122320	1.35E-04	1.34E-04	1.33E-04	8.49E-06	2.74E-05	4.37E-04	Residence	1.14E-07	0.11	0.00	1.35E-04	1.34E-04	1.33E-04	1.38E-05	2.52E-05	4.41E-04
606812	4122320	1.34E-04	1.33E-04	1.32E-04	8.21E-06	2.65E-05	4.35E-04	Residence	1.13E-07	0.11	0.00	1.34E-04	1.33E-04	1.32E-04	1.33E-05	2.44E-05	4.38E-04
606832	4122320	1.34E-04	1.33E-04	1.32E-04	7.94E-06	2.56E-05	4.31E-04	Residence	1.12E-07	0.11	0.00	1.34E-04	1.33E-04	1.32E-04	1.29E-05	2.36E-05	4.34E-04
606852	4122320	1.32E-04	1.31E-04	1.30E-04	7.68E-06	2.48E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.32E-04	1.31E-04	1.30E-04	1.25E-05	2.28E-05	4.28E-04
606872	4122320	1.31E-04	1.30E-04	1.30E-04	7.43E-06	2.40E-05	4.23E-04	Residence	1.10E-07	0.11	0.00	1.31E-04	1.30E-04	1.30E-04	1.21E-05	2.21E-05	4.26E-04
606892	4122320	1.30E-04	1.29E-04	1.28E-04	7.19E-06	2.33E-05	4.18E-04	Residence	1.09E-07	0.11	0.00	1.30E-04	1.29E-04	1.28E-04	1.17E-05	2.14E-05	4.21E-04
606912	4122320	1.29E-04	1.28E-04	1.27E-04	6.96E-06	2.25E-05	4.14E-04	Residence	1.08E-07	0.11	0.00	1.29E-04	1.28E-04	1.27E-04	1.13E-05	2.07E-05	4.16E-04
605632	4122340	4.49E-04	4.50E-04	4.51E-04	3.87E-05	7.89E-05	1.47E-03	Residence	3.82E-07	0.38	0.00	4.49E-04	4.50E-04	4.51E-04	6.28E-05	7.26E-05	1.49E-03
605652	4122340	4.64E-04	4.64E-04	4.65E-04	4.04E-05	8.23E-05	1.52E-03	Residence	3.94E-07	0.39	0.00	4.64E-04	4.64E-04	4.65E-04	6.57E-05	7.57E-05	1.53E-03
605672	4122340	4.81E-04	4.81E-04	4.82E-04	4.22E-05	8.57E-05	1.57E-03	Residence	4.09E-07	0.41	0.00	4.81E-04	4.81E-04	4.82E-04	6.86E-05	7.88E-05	1.59E-03
605692	4122340	4.97E-04	4.96E-04	4.96E-04	4.39E-05	8.89E-05	1.62E-03	Residence	4.21E-07	0.42	0.00	4.97E-04	4.96E-04	4.96E-04	7.14E-05	8.18E-05	1.64E-03
605712	4122340	5.13E-04	5.11E-04	5.11E-04	4.56E-05	9.21E-05	1.67E-03	Residence	4.35E-07	0.43	0.00	5.13E-04	5.11E-04	5.11E-04	7.41E-05	8.47E-05	1.69E-03
605732	4122340	5.24E-04	5.22E-04	5.22E-04	4.71E-05	9.51E-05	1.71E-03	Residence	4.45E-07	0.44	0.00	5.24E-04	5.22E-04	5.22E-04	7.66E-05	8.75E-05	1.73E-03
605752	4122340	5.25E-04	5.23E-04	5.22E-04	4.85E-05	9.77E-05	1.72E-03	Residence	4.46E-07	0.45	0.00	5.25E-04	5.23E-04	5.22E-04	7.88E-05	8.99E-05	1.74E-03
605772	4122340	5.36E-04	5.33E-04	5.32E-04	4.98E-05	1.00E-04	1.75E-03	Residence	4.55E-07	0.45	0.00	5.36E-04	5.33E-04	5.32E-04	8.10E-05	9.22E-05	1.77E-03
605792	4122340	5.43E-04	5.39E-04	5.37E-04	5.09E-05	1.02E-04	1.77E-03	Residence	4.61E-07	0.46	0.00	5.43E-04	5.39E-04	5.37E-04	8.28E-05	9.41E-05	1.80E-03
605812	4122340	5.53E-04	5.49E-04	5.46E-04	5.19E-05	1.04E-04	1.80E-03	Residence	4.69E-07	0.47	0.00	5.53E-04	5.49E-04	5.46E-04	8.43E-05	9.58E-05	1.83E-03
605832	4122340	5.60E-04	5.56E-04	5.52E-04	5.26E-05	1.05E-04	1.83E-03	Residence	4.75E-07	0.47	0.00	5.60E-04	5.56E-04	5.52E-04	8.55E-05	9.71E-05	1.85E-03
605852	4122340	5.58E-04	5.52E-04	5.48E-04	5.30E-05	1.06E-04	1.82E-03	Residence	4.72E-07	0.47	0.00	5.58E-04	5.52E-04	5.48E-04	8.62E-05	9.78E-05	1.84E-03
605872	4122340	5.47E-04	5.41E-04	5.36E-04	5.31E-05	1.06E-04	1.78E-03	Residence	4.63E-07	0.46	0.00	5.47E-04	5.41E-04	5.36E-04	8.62E-05	9.79E-05	1.81E-03
605892	4122340	5.44E-04	5.38E-04	5.32E-04	5.29E-05	1.06E-04	1.77E-03	Residence	4.61E-07	0.46	0.00	5.44E-04	5.38E-04	5.32E-04	8.60E-05	9.78E-05	1.80E-03
605912	4122340	5.38E-04	5.31E-04	5.25E-04	5.24E-05	1.06E-04	1.75E-03	Residence	4.55E-07	0.46	0.00	5.38E-04	5.31E-04	5.25E-04	8.52E-05	9.71E-05	1.78E-03
605932	4122340	5.45E-04	5.38E-04	5.32E-04	5.18E-05	1.05E-04	1.77E-03	Residence	4.61E-07	0.46	0.00	5.45E-04	5.38E-04	5.32E-04	8.42E-05	9.64E-05	1.80E-03
605952	4122340	5.43E-04	5.36E-04	5.29E-04	5.08E-05	1.03E-04	1.76E-03	Residence	4.58E-07	0.46	0.00	5.43E-04	5.36E-04	5.29E-04	8.26E-05	9.50E-05	1.79E-03
605972	4122340	5.30E-04	5.23E-04	5.16E-04	4.96E-05	1.01E-04	1.72E-03	Residence	4.47E-07	0.45	0.00	5.30E-04	5.23E-04	5.16E-04	8.05E-05	9.34E-05	1.74E-03
606692	4122340	1.35E-04	1.34E-04	1.34E-04	9.60E-06	3.12E-05	4.44E-04	Residence	1.15E-07	0.12	0.00	1.35E-04	1.34E-04	1.34E-04	1.56E-05	2.87E-05	4.48E-04
606712	4122340	1.34E-04	1.33E-04	1.32E-04	9.30E-06	3.01E-05	4.38E-04	Residence	1.14E-07	0.11	0.00	1.34E-04	1.33E-04	1.32E-04	1.51E-05	2.77E-05	4.41E-04
606732	4122340	1.33E-04	1.32E-04	1.31E-04	9.01E-06	2.91E-05	4.34E-04	Residence	1.13E-07	0.11	0.00	1.33E-04	1.32E-04	1.31E-04	1.46E-05	2.68E-05	4.37E-04
606752	4122340	1.33E-04	1.32E-04	1.31E-04	8.74E-06	2.82E-05	4.33E-04	Residence	1.13E-07	0.11	0.00	1.33E-04	1.32E-04	1.31E-04	1.42E-05	2.60E-05	4.36E-04
606772	4122340	1.32E-04	1.31E-04	1.30E-04	8.47E-06	2.73E-05	4.30E-04	Residence	1.12E-07	0.11	0.00	1.32E-04	1.31E-04	1.30E-04	1.38E-05	2.51E-05	4.33E-04
606792	4122340	1.32E-04	1.31E-04	1.30E-04	8.20E-06	2.64E-05	4.28E-04	Residence	1.11E-07	0.11	0.00	1.32E-04	1.31E-04	1.30E-04	1.33E-05	2.43E-05	4.31E-04
606812	4122340	1.31E-04	1.30E-04	1.29E-04	7.94E-06	2.56E-05	4.24E-04	Residence	1.10E-07	0.11	0.00	1.31E-04	1.30E-04	1.29E-04	1.29E-05	2.36E-05	4.27E-04
606832	4122340	1.31E-04	1.30E-04	1.29E-04	7.70E-06	2.48E-05	4.22E-04	Residence	1.10E-07	0.11	0.00	1.31E-04	1.30E-04	1.29E-04	1.25E-05	2.28E-05	4.25E-04
606852	4122340	1.29E-04	1.28E-04	1.28E-04	7.45E-06	2.41E-05	4.17E-04	Residence	1.08E-07	0.11	0.00	1.29E-04	1.28E-04	1.28E-04	1.21E-05	2.21E-05	4.20E-04
606872	4122340	1.28E-04	1.27E-04	1.26E-04	7.22E-06	2.33E-05	4.12E-04	Residence	1.07E-07	0.11	0.00	1.28E-04	1.27E-04	1.26E-04	1.17E-05	2.15E-05	4.14E-04
606892	4122340	1.27E-04	1.26E-04	1.26E-04	7.00E-06	2.26E-05	4.09E-04	Residence	1.06E-07	0.11	0.00	1.27E-04	1.26E-04	1.26E-04	1.14E-05	2.08E-05	4.11E-04
606912	4122340	1.26E-04	1.25E-04	1.24E-04	6.78E-06	2.19E-05	4.04E-04	Residence	1.05E-07	0.11	0.00	1.26E-04	1.25E-04	1.24E-04	1.10E-05	2.02E-05	4.06E-04
605632	4122360	4.52E-04	4.53E-04	4.53E-04	3.80E-05	7.72E-05	1.47E-03	Residence	3.83E-07	0.38	0.00	4.52E-04	4.53E-04	4.53E-04	6.17E-05	7.11E-05	1.49E-03
605652	4122360	4.66E-04	4.66E-04	4.66E-04	3.95E-05	8.02E-05	1.52E-03	Residence	3.95E-07	0.39	0.00	4.66E-04	4.66E-04	4.66E-04	6.42E-05	7.38E-05	1.54E-03
605672	4122360	4.84E-04	4.83E-04	4.82E-04	4.10E-05	8.31E-05	1.57E-03	Residence	4.09E-07	0.41	0.00	4.84E-04	4.83E-04	4.82E-04	6.67E-05	7.65E-05	1.59E-03
605692	4122360	4.98E-04	4.97E-04	4.96E-04	4.25E-05	8.59E-05	1.62E-03	Residence	4.21E-07	0.42	0.00	4.98E-04	4.97E-04	4.96E-04	6.90E-05	7.90E-05	1.64E-03
605712	4122360	5.11E-04	5.09E-04	5.08E-04	4.38E-05	8.85E-05	1.66E-03	Residence	4.32E-07	0.43	0.00	5.11E-04	5.09E-04	5.08E-04	7.12E-05	8.14E-05	1.68E-03
605732	4122360	5.19E-04	5.17E-04	5.16E-04	4.51E-05	9.09E-05	1.69E-03	Residence	4.39E-07	0.44	0.00	5.19E-04	5.17E-04	5.16E-04	7.32E-05	8.36E-05	1.71E-03
605752	4122360	5.15E-04	5.12E-04	5.11E-04	4.61E-05	9.29E-05	1.68E-03	Residence	4.36E-07	0.44	0.00	5.15E-04	5.12E-04	5.11E-04	7.50E-05	8.55E-05	1.70E-03

605772	4122360	5.15E-04	5.12E-04	5.09E-04	4.70E-05	9.47E-05	1.68E-03	Residence	4.36E-07	0.44	0.00	5.15E-04	5.12E-04	5.09E-04	7.64E-05	8.71E-05	1.70E-03
605792	4122360	5.22E-04	5.18E-04	5.15E-04	4.79E-05	9.63E-05	1.70E-03	Residence	4.42E-07	0.44	0.00	5.22E-04	5.18E-04	5.15E-04	7.78E-05	8.86E-05	1.72E-03
605812	4122360	5.23E-04	5.19E-04	5.15E-04	4.85E-05	9.74E-05	1.70E-03	Residence	4.43E-07	0.44	0.00	5.23E-04	5.19E-04	5.15E-04	7.88E-05	8.96E-05	1.73E-03
605832	4122360	5.28E-04	5.23E-04	5.18E-04	4.89E-05	9.82E-05	1.72E-03	Residence	4.46E-07	0.45	0.00	5.28E-04	5.23E-04	5.18E-04	7.95E-05	9.04E-05	1.74E-03
605852	4122360	5.31E-04	5.26E-04	5.21E-04	4.91E-05	9.87E-05	1.73E-03	Residence	4.49E-07	0.45	0.00	5.31E-04	5.26E-04	5.21E-04	7.99E-05	9.08E-05	1.75E-03
605872	4122360	5.28E-04	5.22E-04	5.17E-04	4.90E-05	9.86E-05	1.71E-03	Residence	4.46E-07	0.45	0.00	5.28E-04	5.22E-04	5.17E-04	7.97E-05	9.07E-05	1.74E-03
605892	4122360	5.23E-04	5.17E-04	5.11E-04	4.87E-05	9.81E-05	1.70E-03	Residence	4.42E-07	0.44	0.00	5.23E-04	5.17E-04	5.11E-04	7.91E-05	9.03E-05	1.72E-03
605912	4122360	5.14E-04	5.08E-04	5.02E-04	4.81E-05	9.72E-05	1.67E-03	Residence	4.34E-07	0.43	0.00	5.14E-04	5.08E-04	5.02E-04	7.81E-05	8.94E-05	1.69E-03
605952	4122360	5.22E-04	5.15E-04	5.08E-04	4.63E-05	9.48E-05	1.69E-03	Residence	4.38E-07	0.44	0.00	5.22E-04	5.15E-04	5.08E-04	7.53E-05	8.72E-05	1.71E-03
606632	4122360	1.35E-04	1.35E-04	1.34E-04	1.00E-05	3.31E-05	4.47E-04	Residence	1.16E-07	0.12	0.00	1.35E-04	1.35E-04	1.34E-04	1.63E-05	3.04E-05	4.51E-04
606652	4122360	1.33E-04	1.32E-04	1.32E-04	9.75E-06	3.20E-05	4.39E-04	Residence	1.14E-07	0.11	0.00	1.33E-04	1.32E-04	1.32E-04	1.58E-05	2.94E-05	4.42E-04
606672	4122360	1.32E-04	1.31E-04	1.30E-04	9.46E-06	3.09E-05	4.34E-04	Residence	1.13E-07	0.11	0.00	1.32E-04	1.31E-04	1.30E-04	1.54E-05	2.85E-05	4.37E-04
606692	4122360	1.31E-04	1.30E-04	1.29E-04	9.19E-06	2.99E-05	4.29E-04	Residence	1.12E-07	0.11	0.00	1.31E-04	1.30E-04	1.29E-04	1.49E-05	2.75E-05	4.33E-04
606712	4122360	1.31E-04	1.30E-04	1.30E-04	8.92E-06	2.90E-05	4.29E-04	Residence	1.11E-07	0.11	0.00	1.31E-04	1.30E-04	1.30E-04	1.45E-05	2.67E-05	4.32E-04
606732	4122360	1.30E-04	1.29E-04	1.28E-04	8.66E-06	2.81E-05	4.24E-04	Residence	1.10E-07	0.11	0.00	1.30E-04	1.29E-04	1.28E-04	1.41E-05	2.58E-05	4.27E-04
606772	4122360	1.30E-04	1.29E-04	1.28E-04	8.16E-06	2.64E-05	4.20E-04	Residence	1.09E-07	0.11	0.00	1.30E-04	1.29E-04	1.28E-04	1.33E-05	2.43E-05	4.23E-04
606792	4122360	1.29E-04	1.28E-04	1.27E-04	7.92E-06	2.56E-05	4.18E-04	Residence	1.09E-07	0.11	0.00	1.29E-04	1.28E-04	1.27E-04	1.29E-05	2.35E-05	4.21E-04
606812	4122360	1.28E-04	1.27E-04	1.27E-04	7.68E-06	2.48E-05	4.15E-04	Residence	1.08E-07	0.11	0.00	1.28E-04	1.27E-04	1.27E-04	1.25E-05	2.28E-05	4.18E-04
606832	4122360	1.27E-04	1.26E-04	1.25E-04	7.45E-06	2.40E-05	4.10E-04	Residence	1.07E-07	0.11	0.00	1.27E-04	1.26E-04	1.25E-04	1.21E-05	2.21E-05	4.13E-04
606852	4122360	1.27E-04	1.26E-04	1.25E-04	7.23E-06	2.33E-05	4.08E-04	Residence	1.06E-07	0.11	0.00	1.27E-04	1.26E-04	1.25E-04	1.18E-05	2.15E-05	4.11E-04
606872	4122360	1.25E-04	1.24E-04	1.23E-04	7.01E-06	2.26E-05	4.02E-04	Residence	1.04E-07	0.10	0.00	1.25E-04	1.24E-04	1.23E-04	1.14E-05	2.08E-05	4.04E-04
606892	4122360	1.24E-04	1.24E-04	1.23E-04	6.80E-06	2.20E-05	3.99E-04	Residence	1.04E-07	0.10	0.00	1.24E-04	1.24E-04	1.23E-04	1.11E-05	2.02E-05	4.02E-04
606912	4122360	1.24E-04	1.23E-04	1.22E-04	6.60E-06	2.13E-05	3.96E-04	Residence	1.03E-07	0.10	0.00	1.24E-04	1.23E-04	1.22E-04	1.07E-05	1.96E-05	3.99E-04
605632	4122380	4.56E-04	4.56E-04	4.55E-04	3.71E-05	7.53E-05	1.48E-03	Residence	3.85E-07	0.38	0.00	4.56E-04	4.56E-04	4.55E-04	6.02E-05	6.93E-05	1.50E-03
605652	4122380	4.68E-04	4.67E-04	4.66E-04	3.84E-05	7.78E-05	1.52E-03	Residence	3.94E-07	0.39	0.00	4.68E-04	4.67E-04	4.66E-04	6.24E-05	7.16E-05	1.53E-03
605672	4122380	4.84E-04	4.82E-04	4.81E-04	3.97E-05	8.03E-05	1.57E-03	Residence	4.07E-07	0.41	0.00	4.84E-04	4.82E-04	4.81E-04	6.44E-05	7.39E-05	1.59E-03
605692	4122380	4.95E-04	4.94E-04	4.93E-04	4.09E-05	8.26E-05	1.61E-03	Residence	4.17E-07	0.42	0.00	4.95E-04	4.94E-04	4.93E-04	6.64E-05	7.60E-05	1.62E-03
605712	4122380	5.06E-04	5.04E-04	5.03E-04	4.20E-05	8.48E-05	1.64E-03	Residence	4.26E-07	0.43	0.00	5.06E-04	5.04E-04	5.03E-04	6.82E-05	7.80E-05	1.66E-03
605732	4122380	5.11E-04	5.08E-04	5.06E-04	4.29E-05	8.67E-05	1.65E-03	Residence	4.30E-07	0.43	0.00	5.11E-04	5.08E-04	5.06E-04	6.98E-05	7.98E-05	1.67E-03
605752	4122380	5.05E-04	5.02E-04	4.99E-04	4.37E-05	8.82E-05	1.64E-03	Residence	4.26E-07	0.43	0.00	5.05E-04	5.02E-04	4.99E-04	7.11E-05	8.12E-05	1.66E-03
605772	4122380	5.06E-04	5.03E-04	5.00E-04	4.44E-05	8.95E-05	1.64E-03	Residence	4.27E-07	0.43	0.00	5.06E-04	5.03E-04	5.00E-04	7.22E-05	8.24E-05	1.66E-03
605792	4122380	5.09E-04	5.05E-04	5.01E-04	4.50E-05	9.06E-05	1.65E-03	Residence	4.29E-07	0.43	0.00	5.09E-04	5.05E-04	5.01E-04	7.31E-05	8.34E-05	1.67E-03
605812	4122380	5.09E-04	5.05E-04	5.01E-04	4.54E-05	9.13E-05	1.65E-03	Residence	4.29E-07	0.43	0.00	5.09E-04	5.05E-04	5.01E-04	7.37E-05	8.40E-05	1.67E-03
605832	4122380	5.13E-04	5.08E-04	5.04E-04	4.56E-05	9.18E-05	1.66E-03	Residence	4.32E-07	0.43	0.00	5.13E-04	5.08E-04	5.04E-04	7.41E-05	8.45E-05	1.68E-03
605852	4122380	5.12E-04	5.07E-04	5.02E-04	4.56E-05	9.18E-05	1.66E-03	Residence	4.31E-07	0.43	0.00	5.12E-04	5.07E-04	5.02E-04	7.41E-05	8.45E-05	1.68E-03
605872	4122380	5.08E-04	5.02E-04	4.97E-04	4.53E-05	9.15E-05	1.65E-03	Residence	4.28E-07	0.43	0.00	5.08E-04	5.02E-04	4.97E-04	7.37E-05	8.42E-05	1.67E-03
605892	4122380	5.03E-04	4.97E-04	4.91E-04	4.49E-05	9.08E-05	1.63E-03	Residence	4.23E-07	0.42	0.00	5.03E-04	4.97E-04	4.91E-04	7.29E-05	8.35E-05	1.65E-03
605912	4122380	4.95E-04	4.89E-04	4.83E-04	4.42E-05	8.97E-05	1.60E-03	Residence	4.16E-07	0.42	0.00	4.95E-04	4.89E-04	4.83E-04	7.18E-05	8.26E-05	1.62E-03
606572	4122380	1.38E-04	1.37E-04	1.37E-04	1.05E-05	3.51E-05	4.57E-04	Residence	1.19E-07	0.12	0.00	1.38E-04	1.37E-04	1.37E-04	1.71E-05	3.23E-05	4.61E-04
606592	4122380	1.35E-04	1.35E-04	1.34E-04	1.02E-05	3.39E-05	4.49E-04	Residence	1.17E-07	0.12	0.00	1.35E-04	1.35E-04	1.34E-04	1.66E-05	3.12E-05	4.52E-04
606612	4122380	1.33E-04	1.33E-04	1.32E-04	9.88E-06	3.28E-05	4.41E-04	Residence	1.15E-07	0.11	0.00	1.33E-04	1.33E-04	1.32E-04	1.61E-05	3.02E-05	4.45E-04
606632	4122380	1.32E-04	1.31E-04	1.31E-04	9.59E-06	3.17E-05	4.36E-04	Residence	1.13E-07	0.11	0.00	1.32E-04	1.31E-04	1.31E-04	1.56E-05	2.92E-05	4.39E-04
606652	4122380	1.30E-04	1.30E-04	1.29E-04	9.32E-06	3.07E-05	4.29E-04	Residence	1.12E-07	0.11	0.00	1.30E-04	1.30E-04	1.29E-04	1.51E-05	2.82E-05	4.32E-04
606752	4122380	1.27E-04	1.26E-04	1.26E-04	8.09E-06	2.63E-05	4.14E-04	Residence	1.08E-07	0.11	0.00	1.27E-04	1.26E-04	1.26E-04	1.32E-05	2.42E-05	4.17E-04
606772	4122380	1.26E-04	1.25E-04	1.24E-04	7.86E-06	2.55E-05	4.08E-04	Residence	1.06E-07	0.11	0.00	1.26E-04	1.25E-04	1.24E-04	1.28E-05	2.34E-05	4.11E-04
606792	4122380	1.25E-04	1.24E-04	1.23E-04	7.64E-06	2.47E-05	4.05E-04	Residence	1.05E-07	0.11	0.00	1.25E-04	1.24E-04	1.23E-04	1.24E-05	2.27E-05	4.08E-04
606812	4122380	1.25E-04	1.24E-04	1.23E-04	7.43E-06	2.40E-05	4.04E-04	Residence	1.05E-07	0.10	0.00	1.25E-04	1.24E-04	1.23E-04	1.21E-05	2.21E-05	4.06E-04
606832	4122380	1.24E-04	1.23E-04	1.23E-04	7.22E-06	2.33E-05	4.01E-04	Residence	1.04E-07	0.10	0.00	1.24E-04	1.23E-04	1.23E-04	1.17E-05	2.14E-05	4.04E-04
606852	4122380	1.24E-04	1.23E-04	1.22E-04	7.01E-06	2.26E-05	3.99E-04	Residence	1.04E-07	0.10	0.00	1.24E-04	1.23E-04	1.22E-04	1.14E-05	2.08E-05	4.01E-04
606872	4122380	1.23E-04	1.22E-04	1.21E-04	6.81E-06	2.20E-05	3.94E-04	Residence	1.02E-07	0.10	0.00	1.23E-04	1.22E-04	1.21E-04	1.11E-05	2.02E-05	3.97E-04
606892	4122380	1.21E-04	1.20E-04	1.20E-04	6.61E-06	2.14E-05	3.89E-04	Residence	1.01E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.07E-05	1.96E-05	3.92E-04
605632	4122400	4.56E-04	4.55E-04	4.54E-04	3.60E-05	7.31E-05	1.47E-03	Residence	3.83E-07	0.38	0.00	4.56E-04	4.55E-04	4.54E-04	5.85E-05	6.73E-05	1.49E-03
605652	4122400	4.66E-04	4.65E-04	4.64E-04	3.71E-05	7.53E-05	1.51E-03	Residence	3.92E-07	0.39	0.00	4.66E-04	4.65E-04	4.64E-04	6.03E-05	6.92E-05	1.52E-03
605672	4122400	4.80E-04	4.79E-04	4.77E-04	3.82E-05	7.74E-05	1.55E-03	Residence	4.03E-07	0.40	0.00	4.80E-04	4.79E-04	4.77E-04	6.21E-05	7.12E-05	1.57E-03
605692	4122400	4.90E-04	4.88E-04	4.87E-04	3.92E-05	7.93E-05	1.58E-03	Residence	4.12E-07	0.41	0.00	4.90E-04	4.88E-04	4.87E-04	6.37E-05	7.29E-05	1.60E-03
605712	4122400	5.00E-04	4.97E-04	4.95E-04	4.01E-05	8.10E-05	1.61E-03	Residence	4.19E-07	0.42	0.00	5.00E-04	4.97E-04	4.95E-04	6.51E-05	7.45E-05	1.63E-03
605732	4122400	5.01E-04	4.98E-04	4.96E-04	4.08E-05	8.25E-05	1.62E-03	Residence	4.21E-07	0.42	0.00	5.01E-04	4.98E-04	4.96E-04	6.63E-05	7.59E-05	1.64E-03
605752	4122400	4.93E-04	4.89E-04	4.87E-04	4.14E-05	8.36E-05	1.59E-03	Residence	4.14E-07	0.41	0.00	4.93E-04	4.89E-04	4.87E-04	6.73E-05	7.69E-05	1.61E-03
605772	4122400	4.95E-04	4.90E-04	4.87E-04	4.19E-05	8.45E-05	1.60E-03	Residence	4.16E-07	0.42	0.00	4.95E-04	4.90E-04	4.87E-04	6.81E-05	7.78E-05	1.62E-03
605792	4122400	4.97E-04	4.93E-04	4.89E-04	4.23E-05	8.52E-05	1.61E-03	Residence	4.18E-07	0.42	0.00	4.97E-04	4.93E-04	4.89E-04	6.87E-05	7.84E-05	1.63E-03
605812	4122400	4.98E-04	4.93E-04	4.89E-04	4.25E-05	8.57E-05	1.61E-03	Residence	4.18E-07	0.42	0.00	4.98E-04	4.93E-04	4.89E-04	6.90E-05	7.88E-05	1.63E-03
605832	4122400	4.97E-04	4.92E-04	4.87E-04	4.25E-05	8.57E-05	1.61E-03	Residence	4.17E-07	0.42	0.00	4.97E-04	4.92E-04	4.87E-04	6.91E-05	7.89E-05	1.62E-03
605852	4122400	4.95E-04	4.89E-04	4.84E-04	4.23E-05	8.55E-05	1.60E-03	Residence	4.15E-07	0.41	0.00	4.95E-04	4.89E-04	4.84E-04	6.88E-05	7.87E-05	1.62E-03
605872	4122400	4.87E-04	4.81E-04	4.76E-04	4.19E-05	8.49E-05	1.57E-03	Residence	4.08E-07	0.41	0.00	4.87E-04	4.81E-04	4.76E-04	6.81E-05	7.81E-05	1.59E-03
605892	4122400	4.84E-04	4.78E-04	4.72E-04	4.14E-05	8.41E-05	1.56E-03	Residence	4.05E-07	0.41	0.00	4.84E-04	4.78E-04	4.72E-04	6.72E-05	7.74E-05	1.58E-03
605912	4122400	4.83E-04	4.77E-04	4.71E-04	4.07E-05	8.31E-05	1.56E-03	Residence	4.04E-07	0.40	0.00	4.83E-04	4.77E-04	4.71E-04	6.61E-05	7.65E-05	1.57E-03
605932	4122400	4.91E-04	4.85E-04	4.79E-04	3.99E-05	8.20E-05	1.58E-03	Residence	4.10E-07	0.41	0.00	4.91E-04	4.85E-04	4.79E-04	6.48E-05	7.54E-05	1.59E-03
606512	4122400	1.45E-04	1.44E-04	1.44E-04	1.13E-05	3.73E-05	4.81E-04	Residence	1.25E-07	0.13	0.00	1.45E-04	1.44E-04	1.44E-04	1.83E-05	3.43E-05	4.85E-04
606532	4122400	1.41E-04	1.40E-04	1.40E-04	1.08E-05	3.60E-05	4.68E-04	Residence	1.22E-07	0.12	0.00	1.41E-04	1.40E-04	1.40E-04	1.76E-05	3.31E-05	4.72E-04
606552	4122400	1.38E-04	1.37E-04	1.37E-04	1.04E-05	3.48E-05	4.57E-04	Residence	1.19E-07	0.12	0.00	1.38E-04	1.37E-04	1.37E-04	1.69E-05	3.20E-05	4.61E-04
606572	4122400	1.35E-04	1.35E-04	1.34E-04	1.01E-05	3.36E-05	4.48E-04	Residence	1.16E-07	0.12	0.00	1.35E-04	1.35E-04	1.34E-04	1.64E-05	3.09E-05	4.52E-04
606592	4122400	1.33E-04	1.33E-04	1.32E-04	9.74E-06	3.25E-05	4.40E-04	Residence	1.14E-07	0.11	0.00	1.33E-04	1.33E-04	1.32E-04	1.58E-05	2.99E-05	4.44E-04
606692	4122400	1.26E-04	1.26E-04	1.25E-04	8.44E-06	2.77E-05	4.13E-04	Residence	1.07E-07	0.11	0.00	1.26E-04	1.26E-04	1.25E-04	1.37E-05	2.55E-05	4.16E-04

606712	4122400	1.25E-04	1.24E-04	1.24E-04	8.21E-06	2.69E-05	4.08E-04	Residence	1.06E-07	0.11	0.00	1.25E-04	1.24E-04	1.24E-04	1.33E-05	2.47E-05	4.11E-04
606732	4122400	1.24E-04	1.23E-04	1.23E-04	8.00E-06	2.61E-05	4.04E-04	Residence	1.05E-07	0.11	0.00	1.24E-04	1.23E-04	1.23E-04	1.30E-05	2.40E-05	4.07E-04
606752	4122400	1.24E-04	1.23E-04	1.22E-04	7.79E-06	2.53E-05	4.02E-04	Residence	1.05E-07	0.10	0.00	1.24E-04	1.23E-04	1.22E-04	1.27E-05	2.33E-05	4.05E-04
606772	4122400	1.23E-04	1.22E-04	1.21E-04	7.58E-06	2.46E-05	3.98E-04	Residence	1.04E-07	0.10	0.00	1.23E-04	1.22E-04	1.21E-04	1.23E-05	2.26E-05	4.01E-04
606792	4122400	1.22E-04	1.21E-04	1.20E-04	7.37E-06	2.39E-05	3.94E-04	Residence	1.02E-07	0.10	0.00	1.22E-04	1.21E-04	1.20E-04	1.20E-05	2.20E-05	3.97E-04
606812	4122400	1.22E-04	1.21E-04	1.20E-04	7.18E-06	2.32E-05	3.93E-04	Residence	1.02E-07	0.10	0.00	1.22E-04	1.21E-04	1.20E-04	1.17E-05	2.14E-05	3.96E-04
606832	4122400	1.21E-04	1.20E-04	1.20E-04	6.98E-06	2.26E-05	3.91E-04	Residence	1.02E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.13E-05	2.08E-05	3.93E-04
605632	4122420	4.55E-04	4.53E-04	4.52E-04	3.49E-05	7.08E-05	1.47E-03	Residence	3.81E-07	0.38	0.00	4.55E-04	4.53E-04	4.52E-04	5.66E-05	6.51E-05	1.48E-03
605652	4122420	4.66E-04	4.64E-04	4.62E-04	3.58E-05	7.26E-05	1.50E-03	Residence	3.90E-07	0.39	0.00	4.66E-04	4.64E-04	4.62E-04	5.82E-05	6.68E-05	1.52E-03
605672	4122420	4.75E-04	4.73E-04	4.71E-04	3.67E-05	7.43E-05	1.53E-03	Residence	3.98E-07	0.40	0.00	4.75E-04	4.73E-04	4.71E-04	5.96E-05	6.84E-05	1.55E-03
605692	4122420	4.84E-04	4.81E-04	4.79E-04	3.75E-05	7.59E-05	1.56E-03	Residence	4.05E-07	0.40	0.00	4.84E-04	4.81E-04	4.79E-04	6.09E-05	6.98E-05	1.57E-03
605712	4122420	4.91E-04	4.88E-04	4.86E-04	3.82E-05	7.72E-05	1.58E-03	Residence	4.11E-07	0.41	0.00	4.91E-04	4.88E-04	4.86E-04	6.20E-05	7.10E-05	1.60E-03
605732	4122420	4.93E-04	4.89E-04	4.87E-04	3.87E-05	7.84E-05	1.59E-03	Residence	4.12E-07	0.41	0.00	4.93E-04	4.89E-04	4.87E-04	6.30E-05	7.21E-05	1.60E-03
605752	4122420	4.82E-04	4.78E-04	4.75E-04	3.91E-05	7.91E-05	1.55E-03	Residence	4.04E-07	0.40	0.00	4.82E-04	4.78E-04	4.75E-04	6.36E-05	7.28E-05	1.57E-03
605772	4122420	4.82E-04	4.78E-04	4.74E-04	3.95E-05	7.97E-05	1.55E-03	Residence	4.04E-07	0.40	0.00	4.82E-04	4.78E-04	4.74E-04	6.41E-05	7.33E-05	1.57E-03
605792	4122420	4.83E-04	4.78E-04	4.75E-04	3.97E-05	8.01E-05	1.56E-03	Residence	4.04E-07	0.40	0.00	4.83E-04	4.78E-04	4.75E-04	6.45E-05	7.37E-05	1.57E-03
605812	4122420	4.83E-04	4.78E-04	4.74E-04	3.97E-05	8.03E-05	1.55E-03	Residence	4.04E-07	0.40	0.00	4.83E-04	4.78E-04	4.74E-04	6.46E-05	7.38E-05	1.57E-03
605832	4122420	4.82E-04	4.77E-04	4.72E-04	3.96E-05	8.01E-05	1.55E-03	Residence	4.03E-07	0.40	0.00	4.82E-04	4.77E-04	4.72E-04	6.44E-05	7.37E-05	1.57E-03
605852	4122420	4.80E-04	4.74E-04	4.70E-04	3.93E-05	7.97E-05	1.54E-03	Residence	4.01E-07	0.40	0.00	4.80E-04	4.74E-04	4.70E-04	6.39E-05	7.33E-05	1.56E-03
605872	4122420	4.81E-04	4.75E-04	4.70E-04	3.89E-05	7.91E-05	1.54E-03	Residence	4.01E-07	0.40	0.00	4.81E-04	4.75E-04	4.70E-04	6.33E-05	7.28E-05	1.56E-03
605892	4122420	4.80E-04	4.74E-04	4.69E-04	3.83E-05	7.82E-05	1.54E-03	Residence	4.00E-07	0.40	0.00	4.80E-04	4.74E-04	4.69E-04	6.23E-05	7.20E-05	1.56E-03
605912	4122420	4.81E-04	4.75E-04	4.69E-04	3.76E-05	7.72E-05	1.54E-03	Residence	4.00E-07	0.40	0.00	4.81E-04	4.75E-04	4.69E-04	6.11E-05	7.10E-05	1.56E-03
606452	4122420	1.58E-04	1.58E-04	1.57E-04	1.24E-05	3.95E-05	5.25E-04	Residence	1.37E-07	0.14	0.00	1.58E-04	1.58E-04	1.57E-04	2.01E-05	3.64E-05	5.30E-04
606472	4122420	1.52E-04	1.52E-04	1.51E-04	1.18E-05	3.82E-05	5.05E-04	Residence	1.31E-07	0.13	0.00	1.52E-04	1.52E-04	1.51E-04	1.92E-05	3.51E-05	5.09E-04
606492	4122420	1.47E-04	1.46E-04	1.46E-04	1.13E-05	3.69E-05	4.87E-04	Residence	1.27E-07	0.13	0.00	1.47E-04	1.46E-04	1.46E-04	1.83E-05	3.39E-05	4.92E-04
606512	4122420	1.43E-04	1.42E-04	1.42E-04	1.08E-05	3.56E-05	4.73E-04	Residence	1.23E-07	0.12	0.00	1.43E-04	1.42E-04	1.42E-04	1.76E-05	3.28E-05	4.77E-04
606532	4122420	1.41E-04	1.40E-04	1.40E-04	1.04E-05	3.44E-05	4.66E-04	Residence	1.21E-07	0.12	0.00	1.41E-04	1.40E-04	1.40E-04	1.69E-05	3.17E-05	4.70E-04
606552	4122420	1.37E-04	1.36E-04	1.36E-04	9.99E-06	3.33E-05	4.52E-04	Residence	1.17E-07	0.12	0.00	1.37E-04	1.36E-04	1.36E-04	1.62E-05	3.06E-05	4.55E-04
606632	4122420	1.28E-04	1.27E-04	1.27E-04	8.77E-06	2.92E-05	4.20E-04	Residence	1.09E-07	0.11	0.00	1.28E-04	1.27E-04	1.27E-04	1.43E-05	2.69E-05	4.23E-04
606652	4122420	1.26E-04	1.25E-04	1.25E-04	8.53E-06	2.83E-05	4.12E-04	Residence	1.07E-07	0.11	0.00	1.26E-04	1.25E-04	1.25E-04	1.39E-05	2.61E-05	4.15E-04
606672	4122420	1.25E-04	1.25E-04	1.24E-04	8.31E-06	2.75E-05	4.10E-04	Residence	1.07E-07	0.11	0.00	1.25E-04	1.25E-04	1.24E-04	1.35E-05	2.53E-05	4.13E-04
606692	4122420	1.23E-04	1.23E-04	1.22E-04	8.09E-06	2.67E-05	4.03E-04	Residence	1.05E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.31E-05	2.45E-05	4.05E-04
606712	4122420	1.23E-04	1.22E-04	1.21E-04	7.89E-06	2.59E-05	3.99E-04	Residence	1.04E-07	0.10	0.00	1.23E-04	1.22E-04	1.21E-04	1.28E-05	2.38E-05	4.02E-04
606732	4122420	1.22E-04	1.21E-04	1.20E-04	7.69E-06	2.52E-05	3.95E-04	Residence	1.03E-07	0.10	0.00	1.22E-04	1.21E-04	1.20E-04	1.25E-05	2.32E-05	3.98E-04
606752	4122420	1.21E-04	1.20E-04	1.19E-04	7.49E-06	2.45E-05	3.91E-04	Residence	1.02E-07	0.10	0.00	1.21E-04	1.20E-04	1.19E-04	1.22E-05	2.25E-05	3.94E-04
606772	4122420	1.20E-04	1.19E-04	1.18E-04	7.30E-06	2.38E-05	3.88E-04	Residence	1.01E-07	0.10	0.00	1.20E-04	1.19E-04	1.18E-04	1.19E-05	2.19E-05	3.91E-04
606852	4122420	1.18E-04	1.17E-04	1.17E-04	6.58E-06	2.13E-05	3.80E-04	Residence	9.87E-08	0.10	0.00	1.18E-04	1.17E-04	1.17E-04	1.07E-05	1.96E-05	3.82E-04
606872	4122420	1.17E-04	1.16E-04	1.15E-04	6.41E-06	2.07E-05	3.76E-04	Residence	9.76E-08	0.10	0.00	1.17E-04	1.16E-04	1.15E-04	1.04E-05	1.91E-05	3.78E-04
606892	4122420	1.16E-04	1.15E-04	1.15E-04	6.24E-06	2.02E-05	3.72E-04	Residence	9.68E-08	0.10	0.00	1.16E-04	1.15E-04	1.15E-04	1.01E-05	1.85E-05	3.75E-04
606912	4122420	1.16E-04	1.15E-04	1.15E-04	6.07E-06	1.96E-05	3.71E-04	Residence	9.66E-08	0.10	0.00	1.16E-04	1.15E-04	1.15E-04	9.87E-06	1.81E-05	3.74E-04
605632	4122440	4.52E-04	4.50E-04	4.48E-04	3.36E-05	6.83E-05	1.45E-03	Residence	3.77E-07	0.38	0.00	4.52E-04	4.50E-04	4.48E-04	5.47E-05	6.28E-05	1.47E-03
605652	4122440	4.61E-04	4.58E-04	4.57E-04	3.44E-05	6.98E-05	1.48E-03	Residence	3.85E-07	0.38	0.00	4.61E-04	4.58E-04	4.57E-04	5.59E-05	6.42E-05	1.50E-03
605672	4122440	4.68E-04	4.66E-04	4.64E-04	3.51E-05	7.12E-05	1.50E-03	Residence	3.91E-07	0.39	0.00	4.68E-04	4.66E-04	4.64E-04	5.71E-05	6.55E-05	1.52E-03
605692	4122440	4.75E-04	4.72E-04	4.70E-04	3.57E-05	7.24E-05	1.53E-03	Residence	3.97E-07	0.40	0.00	4.75E-04	4.72E-04	4.70E-04	5.81E-05	6.66E-05	1.54E-03
605712	4122440	4.82E-04	4.78E-04	4.75E-04	3.63E-05	7.35E-05	1.55E-03	Residence	4.02E-07	0.40	0.00	4.82E-04	4.78E-04	4.75E-04	5.90E-05	6.76E-05	1.56E-03
605732	4122440	4.81E-04	4.78E-04	4.75E-04	3.67E-05	7.43E-05	1.54E-03	Residence	4.02E-07	0.40	0.00	4.81E-04	4.78E-04	4.75E-04	5.97E-05	6.84E-05	1.56E-03
605752	4122440	4.76E-04	4.72E-04	4.68E-04	3.70E-05	7.49E-05	1.53E-03	Residence	3.97E-07	0.40	0.00	4.76E-04	4.72E-04	4.68E-04	6.01E-05	6.89E-05	1.54E-03
605772	4122440	4.76E-04	4.72E-04	4.68E-04	3.72E-05	7.53E-05	1.53E-03	Residence	3.97E-07	0.40	0.00	4.76E-04	4.72E-04	4.68E-04	6.05E-05	6.92E-05	1.55E-03
605792	4122440	4.77E-04	4.72E-04	4.68E-04	3.73E-05	7.54E-05	1.53E-03	Residence	3.98E-07	0.40	0.00	4.77E-04	4.72E-04	4.68E-04	6.06E-05	6.94E-05	1.55E-03
605812	4122440	4.78E-04	4.73E-04	4.68E-04	3.72E-05	7.54E-05	1.53E-03	Residence	3.98E-07	0.40	0.00	4.78E-04	4.73E-04	4.68E-04	6.05E-05	6.93E-05	1.55E-03
605832	4122440	4.78E-04	4.72E-04	4.68E-04	3.70E-05	7.51E-05	1.53E-03	Residence	3.98E-07	0.40	0.00	4.78E-04	4.72E-04	4.68E-04	6.01E-05	6.91E-05	1.55E-03
605852	4122440	4.78E-04	4.72E-04	4.67E-04	3.67E-05	7.45E-05	1.53E-03	Residence	3.97E-07	0.40	0.00	4.78E-04	4.72E-04	4.67E-04	5.96E-05	6.86E-05	1.55E-03
605872	4122440	4.80E-04	4.74E-04	4.69E-04	3.62E-05	7.38E-05	1.53E-03	Residence	3.98E-07	0.40	0.00	4.80E-04	4.74E-04	4.69E-04	5.88E-05	6.79E-05	1.55E-03
605892	4122440	4.73E-04	4.67E-04	4.62E-04	3.55E-05	7.28E-05	1.51E-03	Residence	3.92E-07	0.39	0.00	4.73E-04	4.67E-04	4.62E-04	5.77E-05	6.70E-05	1.53E-03
606452	4122440	1.55E-04	1.55E-04	1.54E-04	1.18E-05	3.76E-05	5.14E-04	Residence	1.34E-07	0.13	0.00	1.55E-04	1.55E-04	1.54E-04	1.92E-05	3.46E-05	5.18E-04
606472	4122440	1.50E-04	1.50E-04	1.49E-04	1.13E-05	3.64E-05	4.97E-04	Residence	1.29E-07	0.13	0.00	1.50E-04	1.50E-04	1.49E-04	1.84E-05	3.35E-05	5.01E-04
606492	4122440	1.46E-04	1.46E-04	1.45E-04	1.08E-05	3.52E-05	4.83E-04	Residence	1.25E-07	0.13	0.00	1.46E-04	1.46E-04	1.45E-04	1.76E-05	3.24E-05	4.87E-04
606552	4122440	1.35E-04	1.35E-04	1.34E-04	9.58E-06	3.19E-05	4.46E-04	Residence	1.16E-07	0.12	0.00	1.35E-04	1.35E-04	1.34E-04	1.56E-05	2.94E-05	4.50E-04
606612	4122440	1.27E-04	1.26E-04	1.26E-04	8.66E-06	2.90E-05	4.16E-04	Residence	1.08E-07	0.11	0.00	1.27E-04	1.26E-04	1.26E-04	1.41E-05	2.67E-05	4.19E-04
606632	4122440	1.25E-04	1.25E-04	1.24E-04	8.41E-06	2.81E-05	4.11E-04	Residence	1.07E-07	0.11	0.00	1.25E-04	1.25E-04	1.24E-04	1.37E-05	2.59E-05	4.14E-04
606652	4122440	1.24E-04	1.23E-04	1.23E-04	8.18E-06	2.73E-05	4.05E-04	Residence	1.05E-07	0.11	0.00	1.24E-04	1.23E-04	1.23E-04	1.33E-05	2.51E-05	4.08E-04
606672	4122440	1.23E-04	1.23E-04	1.22E-04	7.97E-06	2.65E-05	4.03E-04	Residence	1.05E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.30E-05	2.44E-05	4.06E-04
606692	4122440	1.21E-04	1.20E-04	1.20E-04	7.77E-06	2.57E-05	3.94E-04	Residence	1.03E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.26E-05	2.37E-05	3.97E-04
606712	4122440	1.20E-04	1.19E-04	1.18E-04	7.57E-06	2.50E-05	3.90E-04	Residence	1.01E-07	0.10	0.00	1.20E-04	1.19E-04	1.18E-04	1.23E-05	2.30E-05	3.92E-04
606732	4122440	1.19E-04	1.18E-04	1.18E-04	7.39E-06	2.43E-05	3.86E-04	Residence	1.00E-07	0.10	0.00	1.19E-04	1.18E-04	1.18E-04	1.20E-05	2.23E-05	3.89E-04
606812	4122440	1.17E-04	1.16E-04	1.15E-04	6.70E-06	2.18E-05	3.76E-04	Residence	9.77E-08	0.10	0.00	1.17E-04	1.16E-04	1.15E-04	1.09E-05	2.00E-05	3.78E-04
606832	4122440	1.16E-04	1.15E-04	1.14E-04	6.53E-06	2.12E-05	3.73E-04	Residence	9.69E-08	0.10	0.00	1.16E-04	1.15E-04	1.14E-04	1.06E-05	1.95E-05	3.75E-04
606852	4122440	1.15E-04	1.14E-04	1.14E-04	6.37E-06	2.06E-05	3.70E-04	Residence	9.62E-08	0.10	0.00	1.15E-04	1.14E-04	1.14E-04	1.03E-05	1.90E-05	3.72E-04
606872	4122440	1.15E-04	1.14E-04	1.13E-04	6.21E-06	2.01E-05	3.68E-04	Residence	9.56E-08	0.10	0.00	1.15E-04	1.14E-04	1.13E-04	1.01E-05	1.85E-05	3.70E-04
606892	4122440	1.14E-04	1.13E-04	1.12E-04	6.05E-06	1.96E-05	3.64E-04	Residence	9.46E-08	0.09	0.00	1.14E-04	1.13E-04	1.12E-04	9.84E-06	1.80E-05	3.66E-04
606912	4122440	1.14E-04	1.13E-04	1.12E-04	5.90E-06	1.91E-05	3.63E-04	Residence	9.44E-08	0.09	0.00	1.14E-04	1.13E-04	1.12E-04	9.59E-06	1.76E-05	3.66E-04
605632	4122460	4.46E-04	4.44E-04	4.42E-04	3.24E-05	6.58E-05	1.43E-03	Residence	3.72E-07	0.37	0.00	4.46E-04	4.44E-04	4.42E-04	5.26E-05	6.05E-05	1.45E-03
605652	4122460	4.54E-04	4.51E-04	4.49E-04	3.30E-05	6.70E-05	1.45E-03	Residence	3.78E-07	0.38	0.00	4.54E-04	4.51E-04	4.49E-04	5.36E-05	6.17E-05	1.47E-03

605672	4122460	4.61E-04	4.58E-04	4.55E-04	3.36E-05	6.81E-05	1.48E-03	Residence	3.83E-07	0.38	0.00	4.61E-04	4.58E-04	4.55E-04	5.45E-05	6.27E-05	1.49E-03
605692	4122460	4.66E-04	4.63E-04	4.60E-04	3.41E-05	6.91E-05	1.49E-03	Residence	3.88E-07	0.39	0.00	4.66E-04	4.63E-04	4.60E-04	5.53E-05	6.36E-05	1.51E-03
605712	4122460	4.71E-04	4.67E-04	4.64E-04	3.45E-05	6.99E-05	1.51E-03	Residence	3.92E-07	0.39	0.00	4.71E-04	4.67E-04	4.64E-04	5.60E-05	6.43E-05	1.52E-03
605732	4122460	4.72E-04	4.68E-04	4.65E-04	3.48E-05	7.05E-05	1.51E-03	Residence	3.92E-07	0.39	0.00	4.72E-04	4.68E-04	4.65E-04	5.65E-05	6.48E-05	1.53E-03
605752	4122460	4.73E-04	4.69E-04	4.66E-04	3.50E-05	7.08E-05	1.51E-03	Residence	3.94E-07	0.39	0.00	4.73E-04	4.69E-04	4.66E-04	5.68E-05	6.52E-05	1.53E-03
605772	4122460	4.75E-04	4.70E-04	4.67E-04	3.51E-05	7.10E-05	1.52E-03	Residence	3.95E-07	0.39	0.00	4.75E-04	4.70E-04	4.67E-04	5.70E-05	6.53E-05	1.53E-03
605792	4122460	4.75E-04	4.70E-04	4.66E-04	3.50E-05	7.10E-05	1.52E-03	Residence	3.95E-07	0.39	0.00	4.75E-04	4.70E-04	4.66E-04	5.69E-05	6.53E-05	1.53E-03
605812	4122460	4.74E-04	4.69E-04	4.64E-04	3.49E-05	7.07E-05	1.51E-03	Residence	3.93E-07	0.39	0.00	4.74E-04	4.69E-04	4.64E-04	5.66E-05	6.51E-05	1.53E-03
605832	4122460	4.72E-04	4.67E-04	4.62E-04	3.46E-05	7.03E-05	1.51E-03	Residence	3.91E-07	0.39	0.00	4.72E-04	4.67E-04	4.62E-04	5.62E-05	6.47E-05	1.52E-03
606392	4122460	1.77E-04	1.76E-04	1.75E-04	1.30E-05	3.95E-05	5.80E-04	Residence	1.51E-07	0.15	0.00	1.77E-04	1.76E-04	1.75E-04	2.11E-05	3.63E-05	5.85E-04
606412	4122460	1.69E-04	1.68E-04	1.67E-04	1.24E-05	3.83E-05	5.55E-04	Residence	1.44E-07	0.14	0.00	1.69E-04	1.68E-04	1.67E-04	2.02E-05	3.52E-05	5.59E-04
606432	4122460	1.61E-04	1.61E-04	1.60E-04	1.19E-05	3.71E-05	5.30E-04	Residence	1.38E-07	0.14	0.00	1.61E-04	1.61E-04	1.60E-04	1.93E-05	3.41E-05	5.35E-04
606552	4122460	1.32E-04	1.32E-04	1.31E-04	9.20E-06	3.06E-05	4.35E-04	Residence	1.13E-07	0.11	0.00	1.32E-04	1.32E-04	1.31E-04	1.50E-05	2.81E-05	4.38E-04
606572	4122460	1.29E-04	1.29E-04	1.29E-04	8.88E-06	2.96E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.29E-04	1.29E-04	1.29E-04	1.44E-05	2.73E-05	4.29E-04
606592	4122460	1.26E-04	1.26E-04	1.26E-04	8.58E-06	2.87E-05	4.15E-04	Residence	1.08E-07	0.11	0.00	1.26E-04	1.26E-04	1.26E-04	1.39E-05	2.64E-05	4.18E-04
606612	4122460	1.24E-04	1.24E-04	1.23E-04	8.31E-06	2.79E-05	4.07E-04	Residence	1.06E-07	0.11	0.00	1.24E-04	1.24E-04	1.23E-04	1.35E-05	2.56E-05	4.10E-04
606632	4122460	1.23E-04	1.22E-04	1.22E-04	8.07E-06	2.70E-05	4.03E-04	Residence	1.05E-07	0.10	0.00	1.23E-04	1.22E-04	1.22E-04	1.31E-05	2.49E-05	4.05E-04
606652	4122460	1.22E-04	1.21E-04	1.21E-04	7.85E-06	2.63E-05	3.98E-04	Residence	1.04E-07	0.10	0.00	1.22E-04	1.21E-04	1.21E-04	1.28E-05	2.42E-05	4.01E-04
606672	4122460	1.21E-04	1.20E-04	1.20E-04	7.65E-06	2.55E-05	3.94E-04	Residence	1.02E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.24E-05	2.35E-05	3.97E-04
606752	4122460	1.16E-04	1.16E-04	1.15E-04	6.94E-06	2.28E-05	3.77E-04	Residence	9.80E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	1.13E-05	2.10E-05	3.80E-04
606772	4122460	1.15E-04	1.14E-04	1.14E-04	6.78E-06	2.22E-05	3.72E-04	Residence	9.67E-08	0.10	0.00	1.15E-04	1.14E-04	1.14E-04	1.10E-05	2.04E-05	3.75E-04
606792	4122460	1.15E-04	1.14E-04	1.13E-04	6.62E-06	2.16E-05	3.70E-04	Residence	9.62E-08	0.10	0.00	1.15E-04	1.14E-04	1.13E-04	1.08E-05	1.99E-05	3.72E-04
606812	4122460	1.13E-04	1.13E-04	1.12E-04	6.47E-06	2.11E-05	3.65E-04	Residence	9.50E-08	0.09	0.00	1.13E-04	1.13E-04	1.12E-04	1.05E-05	1.94E-05	3.68E-04
606832	4122460	1.13E-04	1.12E-04	1.12E-04	6.31E-06	2.05E-05	3.64E-04	Residence	9.46E-08	0.09	0.00	1.13E-04	1.12E-04	1.12E-04	1.03E-05	1.89E-05	3.66E-04
606852	4122460	1.12E-04	1.11E-04	1.11E-04	6.16E-06	2.00E-05	3.61E-04	Residence	9.37E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	1.00E-05	1.84E-05	3.63E-04
606872	4122460	1.12E-04	1.11E-04	1.10E-04	6.02E-06	1.95E-05	3.59E-04	Residence	9.33E-08	0.09	0.00	1.12E-04	1.11E-04	1.10E-04	9.78E-06	1.80E-05	3.61E-04
606892	4122460	1.11E-04	1.10E-04	1.09E-04	5.87E-06	1.90E-05	3.55E-04	Residence	9.22E-08	0.09	0.00	1.11E-04	1.10E-04	1.09E-04	9.54E-06	1.75E-05	3.57E-04
606912	4122460	1.11E-04	1.10E-04	1.09E-04	5.73E-06	1.86E-05	3.55E-04	Residence	9.22E-08	0.09	0.00	1.11E-04	1.10E-04	1.09E-04	9.31E-06	1.71E-05	3.57E-04
606332	4122480	2.01E-04	2.00E-04	1.98E-04	1.43E-05	4.10E-05	6.54E-04	Residence	1.70E-07	0.17	0.00	2.01E-04	2.00E-04	1.98E-04	2.32E-05	3.77E-05	6.59E-04
606352	4122480	1.89E-04	1.88E-04	1.87E-04	1.36E-05	3.98E-05	6.19E-04	Residence	1.61E-07	0.16	0.00	1.89E-04	1.88E-04	1.87E-04	2.21E-05	3.66E-05	6.24E-04
606372	4122480	1.81E-04	1.80E-04	1.79E-04	1.30E-05	3.87E-05	5.92E-04	Residence	1.54E-07	0.15	0.00	1.81E-04	1.80E-04	1.79E-04	2.11E-05	3.56E-05	5.97E-04
606392	4122480	1.73E-04	1.73E-04	1.72E-04	1.24E-05	3.76E-05	5.68E-04	Residence	1.48E-07	0.15	0.00	1.73E-04	1.73E-04	1.72E-04	2.02E-05	3.45E-05	5.73E-04
606412	4122480	1.66E-04	1.66E-04	1.65E-04	1.19E-05	3.65E-05	5.46E-04	Residence	1.42E-07	0.14	0.00	1.66E-04	1.66E-04	1.65E-04	1.93E-05	3.35E-05	5.50E-04
606432	4122480	1.60E-04	1.59E-04	1.59E-04	1.14E-05	3.54E-05	5.25E-04	Residence	1.36E-07	0.14	0.00	1.60E-04	1.59E-04	1.59E-04	1.85E-05	3.25E-05	5.29E-04
606452	4122480	1.52E-04	1.52E-04	1.51E-04	1.09E-05	3.43E-05	5.00E-04	Residence	1.30E-07	0.13	0.00	1.52E-04	1.52E-04	1.51E-04	1.77E-05	3.16E-05	5.04E-04
606472	4122480	1.45E-04	1.45E-04	1.44E-04	1.04E-05	3.32E-05	4.78E-04	Residence	1.24E-07	0.12	0.00	1.45E-04	1.45E-04	1.44E-04	1.69E-05	3.06E-05	4.82E-04
606512	4122480	1.36E-04	1.36E-04	1.35E-04	9.57E-06	3.12E-05	4.48E-04	Residence	1.16E-07	0.12	0.00	1.36E-04	1.36E-04	1.35E-04	1.56E-05	2.87E-05	4.51E-04
606532	4122480	1.33E-04	1.32E-04	1.32E-04	9.20E-06	3.03E-05	4.36E-04	Residence	1.13E-07	0.11	0.00	1.33E-04	1.32E-04	1.32E-04	1.50E-05	2.79E-05	4.39E-04
606552	4122480	1.30E-04	1.30E-04	1.29E-04	8.86E-06	2.94E-05	4.27E-04	Residence	1.11E-07	0.11	0.00	1.30E-04	1.30E-04	1.29E-04	1.44E-05	2.70E-05	4.30E-04
606572	4122480	1.27E-04	1.27E-04	1.27E-04	8.54E-06	2.85E-05	4.18E-04	Residence	1.09E-07	0.11	0.00	1.27E-04	1.27E-04	1.27E-04	1.39E-05	2.62E-05	4.21E-04
606592	4122480	1.25E-04	1.24E-04	1.24E-04	8.26E-06	2.76E-05	4.08E-04	Residence	1.06E-07	0.11	0.00	1.25E-04	1.24E-04	1.24E-04	1.34E-05	2.54E-05	4.11E-04
606612	4122480	1.23E-04	1.23E-04	1.22E-04	8.00E-06	2.68E-05	4.03E-04	Residence	1.05E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.30E-05	2.47E-05	4.06E-04
606672	4122480	1.19E-04	1.18E-04	1.18E-04	7.36E-06	2.46E-05	3.87E-04	Residence	1.01E-07	0.10	0.00	1.19E-04	1.18E-04	1.18E-04	1.20E-05	2.26E-05	3.90E-04
606692	4122480	1.17E-04	1.16E-04	1.16E-04	7.17E-06	2.39E-05	3.81E-04	Residence	9.89E-08	0.10	0.00	1.17E-04	1.16E-04	1.16E-04	1.17E-05	2.20E-05	3.83E-04
606712	4122480	1.16E-04	1.16E-04	1.15E-04	7.00E-06	2.33E-05	3.77E-04	Residence	9.80E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	1.14E-05	2.14E-05	3.80E-04
606732	4122480	1.14E-04	1.13E-04	1.13E-04	6.84E-06	2.27E-05	3.70E-04	Residence	9.61E-08	0.10	0.00	1.14E-04	1.13E-04	1.13E-04	1.11E-05	2.08E-05	3.72E-04
606752	4122480	1.13E-04	1.13E-04	1.12E-04	6.69E-06	2.21E-05	3.67E-04	Residence	9.53E-08	0.10	0.00	1.13E-04	1.13E-04	1.12E-04	1.09E-05	2.03E-05	3.69E-04
606772	4122480	1.12E-04	1.11E-04	1.11E-04	6.53E-06	2.15E-05	3.62E-04	Residence	9.40E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	1.06E-05	1.98E-05	3.64E-04
606792	4122480	1.11E-04	1.10E-04	1.10E-04	6.39E-06	2.09E-05	3.59E-04	Residence	9.33E-08	0.09	0.00	1.11E-04	1.10E-04	1.10E-04	1.04E-05	1.93E-05	3.61E-04
606812	4122480	1.10E-04	1.10E-04	1.09E-04	6.24E-06	2.04E-05	3.56E-04	Residence	9.25E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	1.01E-05	1.88E-05	3.58E-04
606832	4122480	1.10E-04	1.10E-04	1.09E-04	6.11E-06	1.99E-05	3.55E-04	Residence	9.24E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	9.92E-06	1.83E-05	3.58E-04
606852	4122480	1.10E-04	1.09E-04	1.08E-04	5.97E-06	1.94E-05	3.52E-04	Residence	9.15E-08	0.09	0.00	1.10E-04	1.09E-04	1.08E-04	9.70E-06	1.79E-05	3.54E-04
606872	4122480	1.09E-04	1.08E-04	1.08E-04	5.83E-06	1.89E-05	3.50E-04	Residence	9.11E-08	0.09	0.00	1.09E-04	1.08E-04	1.08E-04	9.48E-06	1.74E-05	3.52E-04
606892	4122480	1.08E-04	1.08E-04	1.07E-04	5.70E-06	1.85E-05	3.47E-04	Residence	9.02E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	9.26E-06	1.70E-05	3.49E-04
606912	4122480	1.08E-04	1.07E-04	1.07E-04	5.57E-06	1.80E-05	3.46E-04	Residence	8.99E-08	0.09	0.00	1.08E-04	1.07E-04	1.07E-04	9.04E-06	1.66E-05	3.48E-04
606332	4122500	1.94E-04	1.93E-04	1.92E-04	1.36E-05	3.89E-05	6.31E-04	Residence	1.64E-07	0.16	0.00	1.94E-04	1.93E-04	1.92E-04	2.20E-05	3.57E-05	6.37E-04
606372	4122500	1.77E-04	1.77E-04	1.76E-04	1.24E-05	3.68E-05	5.79E-04	Residence	1.50E-07	0.15	0.00	1.77E-04	1.77E-04	1.76E-04	2.01E-05	3.38E-05	5.84E-04
606392	4122500	1.71E-04	1.70E-04	1.69E-04	1.19E-05	3.58E-05	5.58E-04	Residence	1.45E-07	0.15	0.00	1.71E-04	1.70E-04	1.69E-04	1.93E-05	3.29E-05	5.63E-04
606412	4122500	1.64E-04	1.64E-04	1.63E-04	1.14E-05	3.48E-05	5.37E-04	Residence	1.40E-07	0.14	0.00	1.64E-04	1.64E-04	1.63E-04	1.85E-05	3.20E-05	5.41E-04
606432	4122500	1.58E-04	1.58E-04	1.57E-04	1.09E-05	3.38E-05	5.18E-04	Residence	1.35E-07	0.13	0.00	1.58E-04	1.58E-04	1.57E-04	1.77E-05	3.11E-05	5.22E-04
606472	4122500	1.44E-04	1.43E-04	1.43E-04	1.00E-05	3.18E-05	4.72E-04	Residence	1.23E-07	0.12	0.00	1.44E-04	1.43E-04	1.43E-04	1.63E-05	2.93E-05	4.75E-04
606492	4122500	1.39E-04	1.38E-04	1.38E-04	9.60E-06	3.09E-05	4.55E-04	Residence	1.18E-07	0.12	0.00	1.39E-04	1.38E-04	1.38E-04	1.56E-05	2.84E-05	4.59E-04
606512	4122500	1.36E-04	1.35E-04	1.35E-04	9.22E-06	3.00E-05	4.45E-04	Residence	1.16E-07	0.12	0.00	1.36E-04	1.35E-04	1.35E-04	1.50E-05	2.76E-05	4.48E-04
606532	4122500	1.33E-04	1.33E-04	1.32E-04	8.87E-06	2.91E-05	4.36E-04	Residence	1.13E-07	0.11	0.00	1.33E-04	1.33E-04	1.32E-04	1.44E-05	2.68E-05	4.39E-04
606632	4122500	1.20E-04	1.20E-04	1.19E-04	7.48E-06	2.51E-05	3.92E-04	Residence	1.02E-07	0.10	0.00	1.20E-04	1.20E-04	1.19E-04	1.22E-05	2.31E-05	3.94E-04
606652	4122500	1.18E-04	1.18E-04	1.17E-04	7.27E-06	2.44E-05	3.84E-04	Residence	9.99E-08	0.10	0.00	1.18E-04	1.18E-04	1.17E-04	1.18E-05	2.25E-05	3.87E-04
606672	4122500	1.16E-04	1.16E-04	1.15E-04	7.08E-06	2.37E-05	3.78E-04	Residence	9.81E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	1.15E-05	2.18E-05	3.80E-04
606692	4122500	1.15E-04	1.14E-04	1.14E-04	6.91E-06	2.31E-05	3.72E-04	Residence	9.67E-08	0.10	0.00	1.15E-04	1.14E-04	1.14E-04	1.12E-05	2.13E-05	3.75E-04
606712	4122500	1.13E-04	1.13E-04	1.12E-04	6.74E-06	2.25E-05	3.67E-04	Residence	9.54E-08	0.10	0.00	1.13E-04	1.13E-04	1.12E-04	1.10E-05	2.07E-05	3.69E-04
606732	4122500	1.12E-04	1.11E-04	1.11E-04	6.59E-06	2.19E-05	3.63E-04	Residence	9.44E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	1.07E-05	2.02E-05	3.65E-04
606752	4122500	1.10E-04	1.10E-04	1.09E-04	6.44E-06	2.13E-05	3.57E-04	Residence	9.29E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	1.05E-05	1.96E-05	3.60E-04
606772	4122500	1.10E-04	1.09E-04	1.09E-04	6.30E-06	2.08E-05	3.55E-04	Residence	9.22E-08	0.09	0.00	1.10E-04	1.09E-04	1.09E-04	1.02E-05	1.91E-05	3.57E-04
606792	4122500	1.10E-04	1.09E-04	1.08E-04	6.17E-06	2.03E-05	3.53E-04	Residence	9.18E-08	0.09	0.00	1.10E-04	1.09E-04	1.08E-04	1.00E-05	1.87E-05	3.56E-04

606812	4122500	1.08E-04	1.08E-04	1.07E-04	6.03E-06	1.98E-05	3.49E-04	Residence	9.07E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	9.80E-06	1.82E-05	3.51E-04
606832	4122500	1.08E-04	1.07E-04	1.07E-04	5.90E-06	1.93E-05	3.47E-04	Residence	9.02E-08	0.09	0.00	1.08E-04	1.07E-04	1.07E-04	9.59E-06	1.78E-05	3.49E-04
606852	4122500	1.08E-04	1.07E-04	1.06E-04	5.78E-06	1.89E-05	3.46E-04	Residence	8.98E-08	0.09	0.00	1.08E-04	1.07E-04	1.06E-04	9.39E-06	1.73E-05	3.48E-04
606872	4122500	1.07E-04	1.06E-04	1.05E-04	5.65E-06	1.84E-05	3.42E-04	Residence	8.89E-08	0.09	0.00	1.07E-04	1.06E-04	1.05E-04	9.18E-06	1.69E-05	3.44E-04
606892	4122500	1.06E-04	1.05E-04	1.04E-04	5.52E-06	1.80E-05	3.38E-04	Residence	8.80E-08	0.09	0.00	1.06E-04	1.05E-04	1.04E-04	8.98E-06	1.65E-05	3.41E-04
606912	4122500	1.06E-04	1.05E-04	1.04E-04	5.40E-06	1.75E-05	3.37E-04	Residence	8.77E-08	0.09	0.00	1.06E-04	1.05E-04	1.04E-04	8.78E-06	1.61E-05	3.39E-04
606272	4122520	2.17E-04	2.16E-04	2.14E-04	1.48E-05	3.98E-05	7.02E-04	Residence	1.83E-07	0.18	0.00	2.17E-04	2.16E-04	2.14E-04	2.41E-05	3.67E-05	7.08E-04
606292	4122520	2.06E-04	2.05E-04	2.04E-04	1.42E-05	3.89E-05	6.68E-04	Residence	1.74E-07	0.17	0.00	2.06E-04	2.05E-04	2.04E-04	2.30E-05	3.57E-05	6.74E-04
606392	4122520	1.68E-04	1.67E-04	1.66E-04	1.13E-05	3.41E-05	5.46E-04	Residence	1.42E-07	0.14	0.00	1.68E-04	1.67E-04	1.66E-04	1.84E-05	3.14E-05	5.51E-04
606412	4122520	1.61E-04	1.61E-04	1.60E-04	1.09E-05	3.32E-05	5.27E-04	Residence	1.37E-07	0.14	0.00	1.61E-04	1.61E-04	1.60E-04	1.77E-05	3.05E-05	5.31E-04
606432	4122520	1.56E-04	1.55E-04	1.54E-04	1.04E-05	3.23E-05	5.08E-04	Residence	1.32E-07	0.13	0.00	1.56E-04	1.55E-04	1.54E-04	1.70E-05	2.97E-05	5.12E-04
606472	4122520	1.43E-04	1.43E-04	1.42E-04	9.62E-06	3.05E-05	4.68E-04	Residence	1.22E-07	0.12	0.00	1.43E-04	1.43E-04	1.42E-04	1.56E-05	2.81E-05	4.72E-04
606552	4122520	1.29E-04	1.28E-04	1.28E-04	8.24E-06	2.72E-05	4.20E-04	Residence	1.09E-07	0.11	0.00	1.29E-04	1.28E-04	1.28E-04	1.34E-05	2.50E-05	4.23E-04
606572	4122520	1.26E-04	1.25E-04	1.25E-04	7.95E-06	2.64E-05	4.10E-04	Residence	1.07E-07	0.11	0.00	1.26E-04	1.25E-04	1.25E-04	1.29E-05	2.43E-05	4.13E-04
606592	4122520	1.23E-04	1.23E-04	1.22E-04	7.68E-06	2.56E-05	4.01E-04	Residence	1.04E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.25E-05	2.36E-05	4.04E-04
606612	4122520	1.21E-04	1.20E-04	1.20E-04	7.44E-06	2.49E-05	3.93E-04	Residence	1.02E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.21E-05	2.29E-05	3.96E-04
606632	4122520	1.19E-04	1.18E-04	1.18E-04	7.21E-06	2.42E-05	3.86E-04	Residence	1.00E-07	0.10	0.00	1.19E-04	1.18E-04	1.18E-04	1.17E-05	2.23E-05	3.89E-04
606652	4122520	1.17E-04	1.16E-04	1.16E-04	7.01E-06	2.36E-05	3.79E-04	Residence	9.86E-08	0.10	0.00	1.17E-04	1.16E-04	1.16E-04	1.14E-05	2.17E-05	3.82E-04
606672	4122520	1.14E-04	1.13E-04	1.13E-04	6.82E-06	2.29E-05	3.70E-04	Residence	9.61E-08	0.10	0.00	1.14E-04	1.13E-04	1.13E-04	1.11E-05	2.11E-05	3.72E-04
606692	4122520	1.12E-04	1.11E-04	1.11E-04	6.65E-06	2.23E-05	3.63E-04	Residence	9.44E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	1.08E-05	2.05E-05	3.66E-04
606712	4122520	1.11E-04	1.10E-04	1.10E-04	6.50E-06	2.17E-05	3.60E-04	Residence	9.35E-08	0.09	0.00	1.11E-04	1.10E-04	1.10E-04	1.06E-05	2.00E-05	3.62E-04
606732	4122520	1.11E-04	1.10E-04	1.10E-04	6.35E-06	2.12E-05	3.58E-04	Residence	9.30E-08	0.09	0.00	1.11E-04	1.10E-04	1.10E-04	1.03E-05	1.95E-05	3.60E-04
606752	4122520	1.09E-04	1.08E-04	1.08E-04	6.21E-06	2.07E-05	3.52E-04	Residence	9.14E-08	0.09	0.00	1.09E-04	1.08E-04	1.08E-04	1.01E-05	1.90E-05	3.54E-04
606772	4122520	1.08E-04	1.08E-04	1.07E-04	6.08E-06	2.02E-05	3.50E-04	Residence	9.09E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	9.89E-06	1.85E-05	3.52E-04
606792	4122520	1.08E-04	1.07E-04	1.07E-04	5.96E-06	1.97E-05	3.48E-04	Residence	9.03E-08	0.09	0.00	1.08E-04	1.07E-04	1.07E-04	9.68E-06	1.81E-05	3.50E-04
606812	4122520	1.07E-04	1.07E-04	1.06E-04	5.83E-06	1.92E-05	3.45E-04	Residence	8.96E-08	0.09	0.00	1.07E-04	1.07E-04	1.06E-04	9.48E-06	1.77E-05	3.47E-04
606832	4122520	1.06E-04	1.05E-04	1.05E-04	5.71E-06	1.87E-05	3.40E-04	Residence	8.84E-08	0.09	0.00	1.06E-04	1.05E-04	1.05E-04	9.28E-06	1.72E-05	3.42E-04
606852	4122520	1.05E-04	1.05E-04	1.04E-04	5.59E-06	1.83E-05	3.38E-04	Residence	8.79E-08	0.09	0.00	1.05E-04	1.05E-04	1.04E-04	9.09E-06	1.68E-05	3.40E-04
606872	4122520	1.04E-04	1.03E-04	1.03E-04	5.47E-06	1.79E-05	3.34E-04	Residence	8.68E-08	0.09	0.00	1.04E-04	1.03E-04	1.03E-04	8.89E-06	1.64E-05	3.36E-04
606892	4122520	1.03E-04	1.02E-04	1.02E-04	5.36E-06	1.75E-05	3.30E-04	Residence	8.58E-08	0.09	0.00	1.03E-04	1.02E-04	1.02E-04	8.70E-06	1.61E-05	3.32E-04
606272	4122540	2.10E-04	2.08E-04	2.07E-04	1.41E-05	3.78E-05	6.76E-04	Residence	1.76E-07	0.18	0.00	2.10E-04	2.08E-04	2.07E-04	2.29E-05	3.48E-05	6.82E-04
606292	4122540	2.01E-04	2.00E-04	1.99E-04	1.35E-05	3.69E-05	6.50E-04	Residence	1.69E-07	0.17	0.00	2.01E-04	2.00E-04	1.99E-04	2.19E-05	3.40E-05	6.56E-04
606312	4122540	1.94E-04	1.93E-04	1.92E-04	1.29E-05	3.60E-05	6.28E-04	Residence	1.63E-07	0.16	0.00	1.94E-04	1.93E-04	1.92E-04	2.10E-05	3.32E-05	6.33E-04
606332	4122540	1.87E-04	1.86E-04	1.85E-04	1.23E-05	3.52E-05	6.07E-04	Residence	1.58E-07	0.16	0.00	1.87E-04	1.86E-04	1.85E-04	2.01E-05	3.24E-05	6.11E-04
606352	4122540	1.78E-04	1.78E-04	1.77E-04	1.18E-05	3.43E-05	5.79E-04	Residence	1.50E-07	0.15	0.00	1.78E-04	1.78E-04	1.77E-04	1.92E-05	3.15E-05	5.83E-04
606372	4122540	1.71E-04	1.71E-04	1.70E-04	1.13E-05	3.34E-05	5.57E-04	Residence	1.45E-07	0.14	0.00	1.71E-04	1.71E-04	1.70E-04	1.84E-05	3.08E-05	5.61E-04
606392	4122540	1.65E-04	1.64E-04	1.64E-04	1.09E-05	3.26E-05	5.37E-04	Residence	1.39E-07	0.14	0.00	1.65E-04	1.64E-04	1.64E-04	1.77E-05	3.00E-05	5.41E-04
606412	4122540	1.59E-04	1.59E-04	1.58E-04	1.04E-05	3.17E-05	5.18E-04	Residence	1.35E-07	0.13	0.00	1.59E-04	1.59E-04	1.58E-04	1.70E-05	2.92E-05	5.22E-04
606432	4122540	1.53E-04	1.53E-04	1.52E-04	1.00E-05	3.09E-05	4.99E-04	Residence	1.30E-07	0.13	0.00	1.53E-04	1.53E-04	1.52E-04	1.63E-05	2.84E-05	5.03E-04
606492	4122540	1.38E-04	1.38E-04	1.37E-04	8.92E-06	2.85E-05	4.51E-04	Residence	1.17E-07	0.12	0.00	1.38E-04	1.38E-04	1.37E-04	1.45E-05	2.62E-05	4.55E-04
606512	4122540	1.34E-04	1.33E-04	1.33E-04	8.58E-06	2.77E-05	4.36E-04	Residence	1.13E-07	0.11	0.00	1.34E-04	1.33E-04	1.33E-04	1.39E-05	2.54E-05	4.39E-04
606532	4122540	1.30E-04	1.30E-04	1.29E-04	8.26E-06	2.69E-05	4.24E-04	Residence	1.10E-07	0.11	0.00	1.30E-04	1.30E-04	1.29E-04	1.34E-05	2.47E-05	4.27E-04
606552	4122540	1.27E-04	1.26E-04	1.26E-04	7.96E-06	2.61E-05	4.13E-04	Residence	1.07E-07	0.11	0.00	1.27E-04	1.26E-04	1.26E-04	1.29E-05	2.41E-05	4.16E-04
606572	4122540	1.24E-04	1.24E-04	1.23E-04	7.68E-06	2.54E-05	4.04E-04	Residence	1.05E-07	0.11	0.00	1.24E-04	1.24E-04	1.23E-04	1.25E-05	2.34E-05	4.07E-04
606592	4122540	1.21E-04	1.21E-04	1.21E-04	7.42E-06	2.47E-05	3.95E-04	Residence	1.03E-07	0.10	0.00	1.21E-04	1.21E-04	1.21E-04	1.21E-05	2.27E-05	3.98E-04
606612	4122540	1.18E-04	1.18E-04	1.17E-04	7.18E-06	2.40E-05	3.84E-04	Residence	9.98E-08	0.10	0.00	1.18E-04	1.18E-04	1.17E-04	1.17E-05	2.21E-05	3.87E-04
606632	4122540	1.17E-04	1.17E-04	1.16E-04	6.97E-06	2.34E-05	3.81E-04	Residence	9.89E-08	0.10	0.00	1.17E-04	1.17E-04	1.16E-04	1.13E-05	2.15E-05	3.83E-04
606652	4122540	1.15E-04	1.14E-04	1.14E-04	6.77E-06	2.28E-05	3.72E-04	Residence	9.68E-08	0.10	0.00	1.15E-04	1.14E-04	1.14E-04	1.10E-05	2.09E-05	3.75E-04
606672	4122540	1.13E-04	1.12E-04	1.12E-04	6.59E-06	2.22E-05	3.66E-04	Residence	9.51E-08	0.10	0.00	1.13E-04	1.12E-04	1.12E-04	1.07E-05	2.04E-05	3.68E-04
606692	4122540	1.11E-04	1.10E-04	1.10E-04	6.42E-06	2.16E-05	3.59E-04	Residence	9.34E-08	0.09	0.00	1.11E-04	1.10E-04	1.10E-04	1.04E-05	1.99E-05	3.62E-04
606712	4122540	1.09E-04	1.09E-04	1.09E-04	6.27E-06	2.10E-05	3.54E-04	Residence	9.21E-08	0.09	0.00	1.09E-04	1.09E-04	1.09E-04	1.02E-05	1.94E-05	3.57E-04
606732	4122540	1.09E-04	1.09E-04	1.08E-04	6.13E-06	2.05E-05	3.53E-04	Residence	9.17E-08	0.09	0.00	1.09E-04	1.09E-04	1.08E-04	9.97E-06	1.89E-05	3.55E-04
606752	4122540	1.08E-04	1.07E-04	1.07E-04	6.00E-06	2.00E-05	3.48E-04	Residence	9.05E-08	0.09	0.00	1.08E-04	1.07E-04	1.07E-04	9.75E-06	1.84E-05	3.50E-04
606772	4122540	1.07E-04	1.06E-04	1.06E-04	5.87E-06	1.95E-05	3.44E-04	Residence	8.93E-08	0.09	0.00	1.07E-04	1.06E-04	1.06E-04	9.55E-06	1.80E-05	3.46E-04
606792	4122540	1.05E-04	1.05E-04	1.04E-04	5.75E-06	1.91E-05	3.39E-04	Residence	8.82E-08	0.09	0.00	1.05E-04	1.05E-04	1.04E-04	9.35E-06	1.75E-05	3.42E-04
606812	4122540	1.05E-04	1.04E-04	1.04E-04	5.64E-06	1.86E-05	3.37E-04	Residence	8.76E-08	0.09	0.00	1.05E-04	1.04E-04	1.04E-04	9.16E-06	1.71E-05	3.39E-04
606832	4122540	1.03E-04	1.03E-04	1.02E-04	5.52E-06	1.82E-05	3.32E-04	Residence	8.64E-08	0.09	0.00	1.03E-04	1.03E-04	1.02E-04	8.98E-06	1.67E-05	3.34E-04
606852	4122540	1.03E-04	1.02E-04	1.02E-04	5.41E-06	1.78E-05	3.30E-04	Residence	8.57E-08	0.09	0.00	1.03E-04	1.02E-04	1.02E-04	8.80E-06	1.63E-05	3.32E-04
606872	4122540	1.02E-04	1.01E-04	1.01E-04	5.30E-06	1.74E-05	3.27E-04	Residence	8.50E-08	0.09	0.00	1.02E-04	1.01E-04	1.01E-04	8.62E-06	1.60E-05	3.29E-04
606892	4122540	1.01E-04	1.01E-04	1.00E-04	5.20E-06	1.70E-05	3.24E-04	Residence	8.42E-08	0.08	0.00	1.01E-04	1.01E-04	1.00E-04	8.44E-06	1.56E-05	3.26E-04
605632	4122560	4.06E-04	4.02E-04	3.99E-04	2.61E-05	5.32E-05	1.29E-03	Residence	3.34E-07	0.33	0.00	4.06E-04	4.02E-04	3.99E-04	4.24E-05	4.90E-05	1.30E-03
605652	4122560	4.08E-04	4.04E-04	4.01E-04	2.63E-05	5.35E-05	1.29E-03	Residence	3.36E-07	0.34	0.00	4.08E-04	4.04E-04	4.01E-04	4.27E-05	4.93E-05	1.31E-03
605672	4122560	4.09E-04	4.06E-04	4.02E-04	2.64E-05	5.38E-05	1.30E-03	Residence	3.37E-07	0.34	0.00	4.09E-04	4.06E-04	4.02E-04	4.29E-05	4.95E-05	1.31E-03
605692	4122560	4.10E-04	4.06E-04	4.03E-04	2.64E-05	5.39E-05	1.30E-03	Residence	3.38E-07	0.34	0.00	4.10E-04	4.06E-04	4.03E-04	4.29E-05	4.95E-05	1.31E-03
605712	4122560	4.10E-04	4.06E-04	4.02E-04	2.64E-05	5.38E-05	1.30E-03	Residence	3.37E-07	0.34	0.00	4.10E-04	4.06E-04	4.02E-04	4.29E-05	4.95E-05	1.31E-03
605732	4122560	4.09E-04	4.05E-04	4.01E-04	2.63E-05	5.37E-05	1.29E-03	Residence	3.36E-07	0.34	0.00	4.09E-04	4.05E-04	4.01E-04	4.28E-05	4.94E-05	1.31E-03
605752	4122560	4.07E-04	4.03E-04	3.98E-04	2.62E-05	5.34E-05	1.29E-03	Residence	3.35E-07	0.33	0.00	4.07E-04	4.03E-04	3.98E-04	4.25E-05	4.91E-05	1.30E-03
605772	4122560	4.04E-04	4.00E-04	3.95E-04	2.59E-05	5.30E-05	1.28E-03	Residence	3.32E-07	0.33	0.00	4.04E-04	4.00E-04	3.95E-04	4.21E-05	4.88E-05	1.29E-03
605792	4122560	4.01E-04	3.96E-04	3.92E-04	2.56E-05	5.25E-05	1.27E-03	Residence	3.29E-07	0.33	0.00	4.01E-04	3.96E-04	3.92E-04	4.16E-05	4.83E-05	1.28E-03
605812	4122560	3.96E-04	3.91E-04	3.87E-04	2.52E-05	5.20E-05	1.25E-03	Residence	3.25E-07	0.33	0.00	3.96E-04	3.91E-04	3.87E-04	4.10E-05	4.78E-05	1.26E-03
605832	4122560	3.91E-04	3.86E-04	3.81E-04	2.48E-05	5.13E-05	1.23E-03	Residence	3.21E-07	0.32	0.00	3.91E-04	3.86E-04	3.81E-04	4.03E-05	4.72E-05	1.25E-03
605852	4122560	3.84E-04	3.80E-04	3.75E-04	2.43E-05	5.06E-05	1.21E-03	Residence	3.16E-07	0.32	0.00	3.84E-04	3.80E-04	3.75E-04	3.95E-05	4.65E-05	1.23E-03
606292	4122560	1.98E-04	1.96E-04	1.95E-04	1.29E-05	3.51E-05	6.37E-04	Residence	1.66E-07	0.17	0.00	1.98E-04	1.96E-04	1.95E-04	2.09E-05	3.23E-05	6.42E-04

606312	4122560	1.90E-04	1.89E-04	1.88E-04	1.23E-05	3.43E-05	6.13E-04	Residence	1.59E-07	0.16	0.00	1.90E-04	1.89E-04	1.88E-04	2.00E-05	3.16E-05	6.18E-04
606332	4122560	1.83E-04	1.82E-04	1.81E-04	1.18E-05	3.35E-05	5.92E-04	Residence	1.54E-07	0.15	0.00	1.83E-04	1.82E-04	1.81E-04	1.92E-05	3.09E-05	5.96E-04
606352	4122560	1.76E-04	1.75E-04	1.74E-04	1.13E-05	3.27E-05	5.69E-04	Residence	1.48E-07	0.15	0.00	1.76E-04	1.75E-04	1.74E-04	1.84E-05	3.01E-05	5.73E-04
606492	4122560	1.36E-04	1.36E-04	1.35E-04	8.60E-06	2.73E-05	4.43E-04	Residence	1.15E-07	0.12	0.00	1.36E-04	1.36E-04	1.35E-04	1.40E-05	2.51E-05	4.46E-04
606512	4122560	1.32E-04	1.31E-04	1.31E-04	8.28E-06	2.66E-05	4.29E-04	Residence	1.11E-07	0.11	0.00	1.32E-04	1.31E-04	1.31E-04	1.35E-05	2.45E-05	4.32E-04
606532	4122560	1.29E-04	1.28E-04	1.28E-04	7.98E-06	2.59E-05	4.19E-04	Residence	1.09E-07	0.11	0.00	1.29E-04	1.28E-04	1.28E-04	1.30E-05	2.38E-05	4.22E-04
606552	4122560	1.25E-04	1.24E-04	1.24E-04	7.69E-06	2.52E-05	4.06E-04	Residence	1.06E-07	0.11	0.00	1.25E-04	1.24E-04	1.24E-04	1.25E-05	2.32E-05	4.09E-04
606572	4122560	1.22E-04	1.21E-04	1.21E-04	7.42E-06	2.45E-05	3.95E-04	Residence	1.03E-07	0.10	0.00	1.22E-04	1.21E-04	1.21E-04	1.21E-05	2.25E-05	3.98E-04
606592	4122560	1.19E-04	1.19E-04	1.18E-04	7.18E-06	2.38E-05	3.87E-04	Residence	1.01E-07	0.10	0.00	1.19E-04	1.19E-04	1.18E-04	1.17E-05	2.19E-05	3.90E-04
606612	4122560	1.16E-04	1.16E-04	1.16E-04	6.95E-06	2.32E-05	3.78E-04	Residence	9.83E-08	0.10	0.00	1.16E-04	1.16E-04	1.16E-04	1.13E-05	2.13E-05	3.81E-04
606632	4122560	1.16E-04	1.15E-04	1.15E-04	6.74E-06	2.26E-05	3.75E-04	Residence	9.74E-08	0.10	0.00	1.16E-04	1.15E-04	1.15E-04	1.09E-05	2.08E-05	3.77E-04
606652	4122560	1.13E-04	1.13E-04	1.12E-04	6.54E-06	2.20E-05	3.66E-04	Residence	9.53E-08	0.10	0.00	1.13E-04	1.13E-04	1.12E-04	1.06E-05	2.02E-05	3.69E-04
606672	4122560	1.11E-04	1.11E-04	1.11E-04	6.37E-06	2.14E-05	3.61E-04	Residence	9.38E-08	0.09	0.00	1.11E-04	1.11E-04	1.11E-04	1.03E-05	1.97E-05	3.63E-04
606692	4122560	1.10E-04	1.09E-04	1.09E-04	6.21E-06	2.09E-05	3.55E-04	Residence	9.22E-08	0.09	0.00	1.10E-04	1.09E-04	1.09E-04	1.01E-05	1.92E-05	3.57E-04
606712	4122560	1.08E-04	1.08E-04	1.07E-04	6.06E-06	2.04E-05	3.50E-04	Residence	9.09E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	9.85E-06	1.87E-05	3.52E-04
606732	4122560	1.07E-04	1.06E-04	1.06E-04	5.92E-06	1.99E-05	3.44E-04	Residence	8.95E-08	0.09	0.00	1.07E-04	1.06E-04	1.06E-04	9.62E-06	1.83E-05	3.46E-04
606752	4122560	1.05E-04	1.05E-04	1.04E-04	5.80E-06	1.94E-05	3.40E-04	Residence	8.83E-08	0.09	0.00	1.05E-04	1.05E-04	1.04E-04	9.42E-06	1.78E-05	3.42E-04
606772	4122560	1.04E-04	1.04E-04	1.03E-04	5.68E-06	1.89E-05	3.36E-04	Residence	8.74E-08	0.09	0.00	1.04E-04	1.04E-04	1.03E-04	9.22E-06	1.74E-05	3.38E-04
606792	4122560	1.03E-04	1.02E-04	1.02E-04	5.56E-06	1.85E-05	3.31E-04	Residence	8.61E-08	0.09	0.00	1.03E-04	1.02E-04	1.02E-04	9.04E-06	1.70E-05	3.33E-04
606812	4122560	1.02E-04	1.02E-04	1.01E-04	5.45E-06	1.81E-05	3.29E-04	Residence	8.54E-08	0.09	0.00	1.02E-04	1.02E-04	1.01E-04	8.86E-06	1.66E-05	3.31E-04
606832	4122560	1.02E-04	1.01E-04	1.01E-04	5.35E-06	1.77E-05	3.26E-04	Residence	8.48E-08	0.08	0.00	1.02E-04	1.01E-04	1.01E-04	8.69E-06	1.62E-05	3.28E-04
606852	4122560	1.01E-04	1.00E-04	9.95E-05	5.24E-06	1.73E-05	3.23E-04	Residence	8.39E-08	0.08	0.00	1.01E-04	1.00E-04	9.95E-05	8.52E-06	1.59E-05	3.24E-04
606872	4122560	1.00E-04	9.94E-05	9.88E-05	5.14E-06	1.69E-05	3.20E-04	Residence	8.32E-08	0.08	0.00	1.00E-04	9.94E-05	9.88E-05	8.35E-06	1.55E-05	3.22E-04
605632	4122580	3.94E-04	3.91E-04	3.87E-04	2.49E-05	5.09E-05	1.25E-03	Residence	3.24E-07	0.32	0.00	3.94E-04	3.91E-04	3.87E-04	4.05E-05	4.68E-05	1.26E-03
605652	4122580	3.96E-04	3.92E-04	3.89E-04	2.50E-05	5.11E-05	1.25E-03	Residence	3.26E-07	0.33	0.00	3.96E-04	3.92E-04	3.89E-04	4.07E-05	4.70E-05	1.26E-03
605672	4122580	3.98E-04	3.94E-04	3.90E-04	2.51E-05	5.12E-05	1.26E-03	Residence	3.27E-07	0.33	0.00	3.98E-04	3.94E-04	3.90E-04	4.08E-05	4.71E-05	1.27E-03
605692	4122580	3.97E-04	3.93E-04	3.89E-04	2.51E-05	5.12E-05	1.26E-03	Residence	3.26E-07	0.33	0.00	3.97E-04	3.93E-04	3.89E-04	4.08E-05	4.71E-05	1.27E-03
605712	4122580	3.97E-04	3.92E-04	3.88E-04	2.50E-05	5.11E-05	1.25E-03	Residence	3.26E-07	0.33	0.00	3.97E-04	3.92E-04	3.88E-04	4.07E-05	4.70E-05	1.27E-03
605732	4122580	3.95E-04	3.91E-04	3.86E-04	2.49E-05	5.09E-05	1.25E-03	Residence	3.24E-07	0.32	0.00	3.95E-04	3.91E-04	3.86E-04	4.05E-05	4.68E-05	1.26E-03
605752	4122580	3.93E-04	3.88E-04	3.84E-04	2.47E-05	5.05E-05	1.24E-03	Residence	3.22E-07	0.32	0.00	3.93E-04	3.88E-04	3.84E-04	4.01E-05	4.65E-05	1.25E-03
605772	4122580	3.90E-04	3.86E-04	3.81E-04	2.44E-05	5.01E-05	1.23E-03	Residence	3.20E-07	0.32	0.00	3.90E-04	3.86E-04	3.81E-04	3.97E-05	4.61E-05	1.24E-03
605792	4122580	3.86E-04	3.82E-04	3.77E-04	2.41E-05	4.96E-05	1.22E-03	Residence	3.17E-07	0.32	0.00	3.86E-04	3.82E-04	3.77E-04	3.92E-05	4.56E-05	1.23E-03
605812	4122580	3.81E-04	3.77E-04	3.73E-04	2.37E-05	4.90E-05	1.20E-03	Residence	3.13E-07	0.31	0.00	3.81E-04	3.77E-04	3.73E-04	3.86E-05	4.51E-05	1.21E-03
605832	4122580	3.76E-04	3.71E-04	3.67E-04	2.33E-05	4.84E-05	1.19E-03	Residence	3.08E-07	0.31	0.00	3.76E-04	3.71E-04	3.67E-04	3.79E-05	4.45E-05	1.20E-03
605852	4122580	3.70E-04	3.65E-04	3.61E-04	2.29E-05	4.77E-05	1.17E-03	Residence	3.03E-07	0.30	0.00	3.70E-04	3.65E-04	3.61E-04	3.72E-05	4.39E-05	1.18E-03
605872	4122580	3.63E-04	3.58E-04	3.54E-04	2.24E-05	4.70E-05	1.14E-03	Residence	2.98E-07	0.30	0.00	3.63E-04	3.58E-04	3.54E-04	3.64E-05	4.32E-05	1.15E-03
605892	4122580	3.56E-04	3.51E-04	3.47E-04	2.20E-05	4.63E-05	1.12E-03	Residence	2.92E-07	0.29	0.00	3.56E-04	3.51E-04	3.47E-04	3.57E-05	4.26E-05	1.13E-03
605912	4122580	3.48E-04	3.43E-04	3.39E-04	2.15E-05	4.56E-05	1.10E-03	Residence	2.85E-07	0.29	0.00	3.48E-04	3.43E-04	3.39E-04	3.50E-05	4.19E-05	1.11E-03
605932	4122580	3.40E-04	3.35E-04	3.31E-04	2.11E-05	4.49E-05	1.07E-03	Residence	2.79E-07	0.28	0.00	3.40E-04	3.35E-04	3.31E-04	3.43E-05	4.13E-05	1.08E-03
606252	4122580	2.07E-04	2.06E-04	2.04E-04	1.34E-05	3.50E-05	6.65E-04	Residence	1.73E-07	0.17	0.00	2.07E-04	2.06E-04	2.04E-04	2.17E-05	3.22E-05	6.71E-04
606272	4122580	2.00E-04	1.98E-04	1.97E-04	1.28E-05	3.42E-05	6.42E-04	Residence	1.67E-07	0.17	0.00	2.00E-04	1.98E-04	1.97E-04	2.08E-05	3.15E-05	6.47E-04
606292	4122580	1.93E-04	1.91E-04	1.90E-04	1.23E-05	3.35E-05	6.20E-04	Residence	1.61E-07	0.16	0.00	1.93E-04	1.91E-04	1.90E-04	1.99E-05	3.08E-05	6.25E-04
606312	4122580	1.85E-04	1.84E-04	1.83E-04	1.18E-05	3.27E-05	5.97E-04	Residence	1.55E-07	0.16	0.00	1.85E-04	1.84E-04	1.83E-04	1.91E-05	3.01E-05	6.02E-04
606472	4122580	1.39E-04	1.38E-04	1.37E-04	8.60E-06	2.70E-05	4.50E-04	Residence	1.17E-07	0.12	0.00	1.39E-04	1.38E-04	1.37E-04	1.40E-05	2.48E-05	4.53E-04
606492	4122580	1.34E-04	1.33E-04	1.33E-04	8.29E-06	2.63E-05	4.35E-04	Residence	1.13E-07	0.11	0.00	1.34E-04	1.33E-04	1.33E-04	1.35E-05	2.42E-05	4.38E-04
606512	4122580	1.29E-04	1.29E-04	1.28E-04	7.99E-06	2.56E-05	4.20E-04	Residence	1.09E-07	0.11	0.00	1.29E-04	1.29E-04	1.28E-04	1.30E-05	2.35E-05	4.23E-04
606532	4122580	1.27E-04	1.27E-04	1.26E-04	7.71E-06	2.49E-05	4.13E-04	Residence	1.07E-07	0.11	0.00	1.27E-04	1.27E-04	1.26E-04	1.25E-05	2.29E-05	4.16E-04
606552	4122580	1.23E-04	1.22E-04	1.22E-04	7.44E-06	2.43E-05	3.98E-04	Residence	1.04E-07	0.10	0.00	1.23E-04	1.22E-04	1.22E-04	1.21E-05	2.23E-05	4.01E-04
606572	4122580	1.20E-04	1.19E-04	1.19E-04	7.19E-06	2.36E-05	3.89E-04	Residence	1.01E-07	0.10	0.00	1.20E-04	1.19E-04	1.19E-04	1.17E-05	2.17E-05	3.91E-04
606592	4122580	1.17E-04	1.17E-04	1.16E-04	6.95E-06	2.30E-05	3.80E-04	Residence	9.88E-08	0.10	0.00	1.17E-04	1.17E-04	1.16E-04	1.13E-05	2.12E-05	3.83E-04
606612	4122580	1.16E-04	1.16E-04	1.15E-04	6.73E-06	2.24E-05	3.76E-04	Residence	9.77E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	1.09E-05	2.06E-05	3.78E-04
606632	4122580	1.14E-04	1.13E-04	1.13E-04	6.52E-06	2.19E-05	3.68E-04	Residence	9.57E-08	0.10	0.00	1.14E-04	1.13E-04	1.13E-04	1.06E-05	2.01E-05	3.71E-04
606652	4122580	1.12E-04	1.11E-04	1.11E-04	6.33E-06	2.13E-05	3.61E-04	Residence	9.40E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	1.03E-05	1.96E-05	3.64E-04
606672	4122580	1.10E-04	1.09E-04	1.09E-04	6.16E-06	2.08E-05	3.55E-04	Residence	9.23E-08	0.09	0.00	1.10E-04	1.09E-04	1.09E-04	1.00E-05	1.91E-05	3.57E-04
606692	4122580	1.07E-04	1.07E-04	1.07E-04	6.00E-06	2.02E-05	3.47E-04	Residence	9.03E-08	0.09	0.00	1.07E-04	1.07E-04	1.07E-04	9.76E-06	1.86E-05	3.49E-04
606712	4122580	1.06E-04	1.06E-04	1.05E-04	5.86E-06	1.97E-05	3.43E-04	Residence	8.91E-08	0.09	0.00	1.06E-04	1.06E-04	1.05E-04	9.52E-06	1.82E-05	3.45E-04
606732	4122580	1.05E-04	1.04E-04	1.04E-04	5.73E-06	1.93E-05	3.39E-04	Residence	8.80E-08	0.09	0.00	1.05E-04	1.04E-04	1.04E-04	9.31E-06	1.77E-05	3.41E-04
606752	4122580	1.04E-04	1.03E-04	1.03E-04	5.60E-06	1.88E-05	3.35E-04	Residence	8.70E-08	0.09	0.00	1.04E-04	1.03E-04	1.03E-04	9.11E-06	1.73E-05	3.37E-04
606772	4122580	1.03E-04	1.02E-04	1.02E-04	5.49E-06	1.84E-05	3.31E-04	Residence	8.61E-08	0.09	0.00	1.03E-04	1.02E-04	1.02E-04	8.92E-06	1.69E-05	3.33E-04
606792	4122580	1.02E-04	1.01E-04	1.01E-04	5.38E-06	1.80E-05	3.27E-04	Residence	8.51E-08	0.09	0.00	1.02E-04	1.01E-04	1.01E-04	8.74E-06	1.65E-05	3.29E-04
606812	4122580	1.01E-04	1.00E-04	9.96E-05	5.28E-06	1.75E-05	3.23E-04	Residence	8.40E-08	0.08	0.00	1.01E-04	1.00E-04	9.96E-05	8.57E-06	1.61E-05	3.25E-04
606832	4122580	9.98E-05	9.92E-05	9.87E-05	5.18E-06	1.72E-05	3.20E-04	Residence	8.32E-08	0.08	0.00	9.98E-05	9.92E-05	9.87E-05	8.41E-06	1.58E-05	3.22E-04
606852	4122580	9.87E-05	9.82E-05	9.77E-05	5.08E-06	1.68E-05	3.16E-04	Residence	8.23E-08	0.08	0.00	9.87E-05	9.82E-05	9.77E-05	8.25E-06	1.54E-05	3.18E-04
606992	4122580	9.36E-05	9.30E-05	9.25E-05	4.44E-06	1.44E-05	2.98E-04	Worker	7.74E-08	0.08	0.00	9.36E-05	9.30E-05	9.25E-05	7.21E-06	1.33E-05	3.00E-04
607012	4122580	9.29E-05	9.23E-05	9.19E-05	4.35E-06	1.41E-05	2.96E-04	Worker	7.68E-08	0.08	0.00	9.29E-05	9.23E-05	9.19E-05	7.07E-06	1.30E-05	2.97E-04
607032	4122580	9.20E-05	9.14E-05	9.10E-05	4.27E-06	1.38E-05	2.93E-04	Worker	7.60E-08	0.08	0.00	9.20E-05	9.14E-05	9.10E-05	6.93E-06	1.27E-05	2.94E-04
607052	4122580	9.23E-05	9.17E-05	9.12E-05	4.18E-06	1.36E-05	2.93E-04	Worker	7.62E-08	0.08	0.00	9.23E-05	9.17E-05	9.12E-05	6.80E-06	1.25E-05	2.95E-04
605932	4122600	3.26E-04	3.22E-04	3.18E-04	1.99E-05	4.25E-05	1.03E-03	Residence	2.68E-07	0.27	0.00	3.26E-04	3.22E-04	3.18E-04	3.24E-05	3.91E-05	1.04E-03
606252	4122600	2.02E-04	2.01E-04	1.99E-04	1.27E-05	3.33E-05	6.48E-04	Residence	1.68E-07	0.17	0.00	2.02E-04	2.01E-04	1.99E-04	2.07E-05	3.07E-05	6.53E-04
606272	4122600	1.94E-04	1.92E-04	1.91E-04	1.22E-05	3.26E-05	6.22E-04	Residence	1.62E-07	0.16	0.00	1.94E-04	1.92E-04	1.91E-04	1.98E-05	3.00E-05	6.27E-04
606292	4122600	1.87E-04	1.86E-04	1.85E-04	1.17E-05	3.20E-05	6.02E-04	Residence	1.56E-07	0.16	0.00	1.87E-04	1.86E-04	1.85E-04	1.90E-05	2.94E-05	6.07E-04
606312	4122600	1.81E-04	1.80E-04	1.79E-04	1.13E-05	3.13E-05	5.83E-04	Residence	1.52E-07	0.15	0.00	1.81E-04	1.80E-04	1.79E-04	1.83E-05	2.88E-05	5.88E-04
606412	4122600	1.52E-04	1.51E-04	1.51E-04	9.25E-06	2.79E-05	4.91E-04	Residence	1.28E-07	0.13	0.00	1.52E-04	1.51E-04	1.51E-04	1.50E-05	2.57E-05	4.94E-04

606432	4122600	1.47E-04	1.46E-04	1.46E-04	8.92E-06	2.72E-05	4.75E-04	Residence	1.23E-07	0.12	0.00	1.47E-04	1.46E-04	1.46E-04	1.45E-05	2.51E-05	4.78E-04
606452	4122600	1.42E-04	1.41E-04	1.41E-04	8.60E-06	2.66E-05	4.59E-04	Residence	1.19E-07	0.12	0.00	1.42E-04	1.41E-04	1.41E-04	1.40E-05	2.45E-05	4.63E-04
606472	4122600	1.38E-04	1.37E-04	1.37E-04	8.30E-06	2.59E-05	4.46E-04	Residence	1.16E-07	0.12	0.00	1.38E-04	1.37E-04	1.37E-04	1.35E-05	2.39E-05	4.49E-04
606492	4122600	1.32E-04	1.32E-04	1.31E-04	8.01E-06	2.53E-05	4.29E-04	Residence	1.11E-07	0.11	0.00	1.32E-04	1.32E-04	1.31E-04	1.30E-05	2.33E-05	4.32E-04
606512	4122600	1.29E-04	1.28E-04	1.28E-04	7.73E-06	2.47E-05	4.17E-04	Residence	1.08E-07	0.11	0.00	1.29E-04	1.28E-04	1.28E-04	1.26E-05	2.27E-05	4.20E-04
606532	4122600	1.25E-04	1.25E-04	1.24E-04	7.46E-06	2.40E-05	4.06E-04	Residence	1.05E-07	0.11	0.00	1.25E-04	1.25E-04	1.24E-04	1.21E-05	2.21E-05	4.08E-04
606552	4122600	1.22E-04	1.22E-04	1.21E-04	7.21E-06	2.34E-05	3.96E-04	Residence	1.03E-07	0.10	0.00	1.22E-04	1.22E-04	1.21E-04	1.17E-05	2.16E-05	3.99E-04
606572	4122600	1.20E-04	1.19E-04	1.19E-04	6.97E-06	2.28E-05	3.88E-04	Residence	1.01E-07	0.10	0.00	1.20E-04	1.19E-04	1.19E-04	1.13E-05	2.10E-05	3.91E-04
606592	4122600	1.17E-04	1.16E-04	1.16E-04	6.74E-06	2.23E-05	3.78E-04	Residence	9.83E-08	0.10	0.00	1.17E-04	1.16E-04	1.16E-04	1.09E-05	2.05E-05	3.80E-04
606612	4122600	1.14E-04	1.14E-04	1.14E-04	6.52E-06	2.17E-05	3.70E-04	Residence	9.62E-08	0.10	0.00	1.14E-04	1.14E-04	1.14E-04	1.06E-05	2.00E-05	3.72E-04
606632	4122600	1.12E-04	1.12E-04	1.11E-04	6.32E-06	2.11E-05	3.62E-04	Residence	9.42E-08	0.09	0.00	1.12E-04	1.12E-04	1.11E-04	1.03E-05	1.94E-05	3.65E-04
606652	4122600	1.10E-04	1.10E-04	1.09E-04	6.14E-06	2.06E-05	3.56E-04	Residence	9.26E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	9.98E-06	1.90E-05	3.59E-04
606672	4122600	1.08E-04	1.08E-04	1.07E-04	5.97E-06	2.01E-05	3.49E-04	Residence	9.08E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	9.70E-06	1.85E-05	3.51E-04
606692	4122600	1.06E-04	1.05E-04	1.05E-04	5.81E-06	1.96E-05	3.42E-04	Residence	8.88E-08	0.09	0.00	1.06E-04	1.05E-04	1.05E-04	9.45E-06	1.80E-05	3.44E-04
606712	4122600	1.05E-04	1.05E-04	1.05E-04	5.68E-06	1.91E-05	3.40E-04	Residence	8.84E-08	0.09	0.00	1.05E-04	1.05E-04	1.05E-04	9.22E-06	1.76E-05	3.42E-04
606992	4122600	9.14E-05	9.09E-05	9.04E-05	4.32E-06	1.41E-05	2.91E-04	Worker	7.57E-08	0.08	0.00	9.14E-05	9.09E-05	9.04E-05	7.02E-06	1.30E-05	2.93E-04
607012	4122600	9.05E-05	9.00E-05	8.95E-05	4.24E-06	1.38E-05	2.88E-04	Worker	7.49E-08	0.07	0.00	9.05E-05	9.00E-05	8.95E-05	6.89E-06	1.27E-05	2.90E-04
607032	4122600	8.97E-05	8.92E-05	8.87E-05	4.16E-06	1.35E-05	2.85E-04	Worker	7.42E-08	0.07	0.00	8.97E-05	8.92E-05	8.87E-05	6.76E-06	1.24E-05	2.87E-04
607052	4122600	9.06E-05	9.00E-05	8.96E-05	4.08E-06	1.33E-05	2.88E-04	Worker	7.47E-08	0.07	0.00	9.06E-05	9.00E-05	8.96E-05	6.63E-06	1.22E-05	2.89E-04
605632	4122620	3.75E-04	3.71E-04	3.68E-04	2.28E-05	4.65E-05	1.18E-03	Residence	3.08E-07	0.31	0.00	3.75E-04	3.71E-04	3.68E-04	3.70E-05	4.28E-05	1.19E-03
605652	4122620	3.75E-04	3.72E-04	3.68E-04	2.28E-05	4.65E-05	1.18E-03	Residence	3.08E-07	0.31	0.00	3.75E-04	3.72E-04	3.68E-04	3.70E-05	4.28E-05	1.19E-03
605672	4122620	3.75E-04	3.72E-04	3.68E-04	2.27E-05	4.65E-05	1.18E-03	Residence	3.08E-07	0.31	0.00	3.75E-04	3.72E-04	3.68E-04	3.69E-05	4.27E-05	1.19E-03
605692	4122620	3.74E-04	3.70E-04	3.67E-04	2.26E-05	4.63E-05	1.18E-03	Residence	3.07E-07	0.31	0.00	3.74E-04	3.70E-04	3.67E-04	3.68E-05	4.26E-05	1.19E-03
605712	4122620	3.72E-04	3.68E-04	3.64E-04	2.25E-05	4.61E-05	1.17E-03	Residence	3.05E-07	0.30	0.00	3.72E-04	3.68E-04	3.64E-04	3.66E-05	4.24E-05	1.18E-03
605752	4122620	3.64E-04	3.60E-04	3.56E-04	2.21E-05	4.53E-05	1.15E-03	Residence	2.98E-07	0.30	0.00	3.64E-04	3.60E-04	3.56E-04	3.58E-05	4.17E-05	1.16E-03
605772	4122620	3.62E-04	3.58E-04	3.54E-04	2.18E-05	4.49E-05	1.14E-03	Residence	2.96E-07	0.30	0.00	3.62E-04	3.58E-04	3.54E-04	3.54E-05	4.13E-05	1.15E-03
605792	4122620	3.58E-04	3.54E-04	3.49E-04	2.14E-05	4.44E-05	1.13E-03	Residence	2.93E-07	0.29	0.00	3.58E-04	3.54E-04	3.49E-04	3.48E-05	4.08E-05	1.14E-03
605812	4122620	3.54E-04	3.49E-04	3.45E-04	2.11E-05	4.38E-05	1.11E-03	Residence	2.89E-07	0.29	0.00	3.54E-04	3.49E-04	3.45E-04	3.42E-05	4.03E-05	1.12E-03
605832	4122620	3.48E-04	3.44E-04	3.40E-04	2.07E-05	4.32E-05	1.10E-03	Residence	2.85E-07	0.28	0.00	3.48E-04	3.44E-04	3.40E-04	3.36E-05	3.98E-05	1.11E-03
605852	4122620	3.42E-04	3.38E-04	3.34E-04	2.03E-05	4.26E-05	1.08E-03	Residence	2.80E-07	0.28	0.00	3.42E-04	3.38E-04	3.34E-04	3.30E-05	3.92E-05	1.09E-03
605872	4122620	3.35E-04	3.31E-04	3.27E-04	1.99E-05	4.20E-05	1.06E-03	Residence	2.74E-07	0.27	0.00	3.35E-04	3.31E-04	3.27E-04	3.23E-05	3.86E-05	1.06E-03
605892	4122620	3.28E-04	3.24E-04	3.20E-04	1.95E-05	4.14E-05	1.03E-03	Residence	2.68E-07	0.27	0.00	3.28E-04	3.24E-04	3.20E-04	3.17E-05	3.81E-05	1.04E-03
605932	4122620	3.14E-04	3.10E-04	3.06E-04	1.88E-05	4.03E-05	9.89E-04	Residence	2.57E-07	0.26	0.00	3.14E-04	3.10E-04	3.06E-04	3.06E-05	3.70E-05	9.98E-04
606232	4122620	2.03E-04	2.02E-04	2.00E-04	1.26E-05	3.24E-05	6.51E-04	Residence	1.69E-07	0.17	0.00	2.03E-04	2.02E-04	2.00E-04	2.05E-05	2.98E-05	6.56E-04
606252	4122620	1.97E-04	1.95E-04	1.94E-04	1.22E-05	3.18E-05	6.30E-04	Residence	1.64E-07	0.16	0.00	1.97E-04	1.95E-04	1.94E-04	1.97E-05	2.93E-05	6.35E-04
606272	4122620	1.90E-04	1.89E-04	1.87E-04	1.17E-05	3.12E-05	6.09E-04	Residence	1.58E-07	0.16	0.00	1.90E-04	1.89E-04	1.87E-04	1.90E-05	2.87E-05	6.14E-04
606292	4122620	1.83E-04	1.82E-04	1.81E-04	1.12E-05	3.05E-05	5.88E-04	Residence	1.53E-07	0.15	0.00	1.83E-04	1.82E-04	1.81E-04	1.82E-05	2.81E-05	5.93E-04
606312	4122620	1.78E-04	1.77E-04	1.75E-04	1.08E-05	2.99E-05	5.70E-04	Residence	1.48E-07	0.15	0.00	1.78E-04	1.77E-04	1.75E-04	1.75E-05	2.75E-05	5.75E-04
606352	4122620	1.66E-04	1.65E-04	1.64E-04	9.97E-06	2.86E-05	5.33E-04	Residence	1.39E-07	0.14	0.00	1.66E-04	1.65E-04	1.64E-04	1.62E-05	2.64E-05	5.37E-04
606372	4122620	1.60E-04	1.59E-04	1.58E-04	9.59E-06	2.80E-05	5.15E-04	Residence	1.34E-07	0.13	0.00	1.60E-04	1.59E-04	1.58E-04	1.56E-05	2.58E-05	5.19E-04
606412	4122620	1.50E-04	1.49E-04	1.48E-04	8.91E-06	2.68E-05	4.83E-04	Residence	1.26E-07	0.13	0.00	1.50E-04	1.49E-04	1.48E-04	1.45E-05	2.46E-05	4.86E-04
606432	4122620	1.45E-04	1.45E-04	1.44E-04	8.60E-06	2.62E-05	4.69E-04	Residence	1.22E-07	0.12	0.00	1.45E-04	1.45E-04	1.44E-04	1.40E-05	2.41E-05	4.72E-04
606452	4122620	1.42E-04	1.41E-04	1.40E-04	8.30E-06	2.56E-05	4.57E-04	Residence	1.19E-07	0.12	0.00	1.42E-04	1.41E-04	1.40E-04	1.35E-05	2.35E-05	4.60E-04
606472	4122620	1.37E-04	1.37E-04	1.36E-04	8.01E-06	2.50E-05	4.43E-04	Residence	1.15E-07	0.12	0.00	1.37E-04	1.37E-04	1.36E-04	1.30E-05	2.30E-05	4.46E-04
606492	4122620	1.31E-04	1.30E-04	1.30E-04	7.74E-06	2.44E-05	4.22E-04	Residence	1.10E-07	0.11	0.00	1.31E-04	1.30E-04	1.30E-04	1.26E-05	2.24E-05	4.25E-04
606512	4122620	1.26E-04	1.26E-04	1.25E-04	7.47E-06	2.38E-05	4.09E-04	Residence	1.06E-07	0.11	0.00	1.26E-04	1.26E-04	1.25E-04	1.21E-05	2.19E-05	4.12E-04
606532	4122620	1.23E-04	1.23E-04	1.22E-04	7.22E-06	2.32E-05	3.99E-04	Residence	1.04E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.17E-05	2.13E-05	4.01E-04
606552	4122620	1.21E-04	1.20E-04	1.20E-04	6.98E-06	2.26E-05	3.91E-04	Residence	1.02E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.13E-05	2.08E-05	3.93E-04
606572	4122620	1.18E-04	1.17E-04	1.17E-04	6.75E-06	2.21E-05	3.81E-04	Residence	9.90E-08	0.10	0.00	1.18E-04	1.17E-04	1.17E-04	1.10E-05	2.03E-05	3.83E-04
606592	4122620	1.15E-04	1.15E-04	1.15E-04	6.53E-06	2.15E-05	3.73E-04	Residence	9.70E-08	0.10	0.00	1.15E-04	1.15E-04	1.15E-04	1.06E-05	1.98E-05	3.76E-04
606612	4122620	1.13E-04	1.13E-04	1.12E-04	6.33E-06	2.10E-05	3.66E-04	Residence	9.51E-08	0.10	0.00	1.13E-04	1.13E-04	1.12E-04	1.03E-05	1.93E-05	3.68E-04
606632	4122620	1.11E-04	1.11E-04	1.10E-04	6.13E-06	2.05E-05	3.58E-04	Residence	9.31E-08	0.09	0.00	1.11E-04	1.11E-04	1.10E-04	9.97E-06	1.88E-05	3.60E-04
606652	4122620	1.09E-04	1.09E-04	1.08E-04	5.96E-06	2.00E-05	3.52E-04	Residence	9.15E-08	0.09	0.00	1.09E-04	1.09E-04	1.08E-04	9.68E-06	1.84E-05	3.54E-04
606672	4122620	1.06E-04	1.06E-04	1.05E-04	5.79E-06	1.95E-05	3.43E-04	Residence	8.91E-08	0.09	0.00	1.06E-04	1.06E-04	1.05E-04	9.41E-06	1.79E-05	3.45E-04
606692	4122620	1.06E-04	1.06E-04	1.05E-04	5.64E-06	1.90E-05	3.42E-04	Residence	8.90E-08	0.09	0.00	1.06E-04	1.06E-04	1.05E-04	9.17E-06	1.75E-05	3.44E-04
606992	4122620	8.96E-05	8.91E-05	8.87E-05	4.21E-06	1.37E-05	2.85E-04	Worker	7.42E-08	0.07	0.00	8.96E-05	8.91E-05	8.87E-05	6.84E-06	1.26E-05	2.87E-04
607012	4122620	8.87E-05	8.81E-05	8.77E-05	4.13E-06	1.35E-05	2.82E-04	Worker	7.33E-08	0.07	0.00	8.87E-05	8.81E-05	8.77E-05	6.71E-06	1.24E-05	2.84E-04
607032	4122620	8.79E-05	8.74E-05	8.69E-05	4.05E-06	1.32E-05	2.79E-04	Worker	7.26E-08	0.07	0.00	8.79E-05	8.74E-05	8.69E-05	6.59E-06	1.21E-05	2.81E-04
607052	4122620	8.76E-05	8.71E-05	8.66E-05	3.98E-06	1.29E-05	2.78E-04	Worker	7.23E-08	0.07	0.00	8.76E-05	8.71E-05	8.66E-05	6.47E-06	1.19E-05	2.80E-04
605632	4122640	3.64E-04	3.60E-04	3.57E-04	2.17E-05	4.44E-05	1.15E-03	Residence	2.98E-07	0.30	0.00	3.64E-04	3.60E-04	3.57E-04	3.53E-05	4.09E-05	1.16E-03
605652	4122640	3.64E-04	3.60E-04	3.57E-04	2.17E-05	4.44E-05	1.15E-03	Residence	2.98E-07	0.30	0.00	3.64E-04	3.60E-04	3.57E-04	3.53E-05	4.08E-05	1.16E-03
605672	4122640	3.64E-04	3.60E-04	3.57E-04	2.16E-05	4.43E-05	1.15E-03	Residence	2.98E-07	0.30	0.00	3.64E-04	3.60E-04	3.57E-04	3.52E-05	4.07E-05	1.16E-03
605692	4122640	3.62E-04	3.58E-04	3.55E-04	2.15E-05	4.41E-05	1.14E-03	Residence	2.96E-07	0.30	0.00	3.62E-04	3.58E-04	3.55E-04	3.50E-05	4.05E-05	1.15E-03
605712	4122640	3.60E-04	3.56E-04	3.52E-04	2.14E-05	4.38E-05	1.13E-03	Residence	2.95E-07	0.29	0.00	3.60E-04	3.56E-04	3.52E-04	3.47E-05	4.03E-05	1.14E-03
605752	4122640	3.52E-04	3.48E-04	3.44E-04	2.09E-05	4.30E-05	1.11E-03	Residence	2.88E-07	0.29	0.00	3.52E-04	3.48E-04	3.44E-04	3.39E-05	3.96E-05	1.12E-03
605772	4122640	3.50E-04	3.46E-04	3.42E-04	2.06E-05	4.25E-05	1.10E-03	Residence	2.86E-07	0.29	0.00	3.50E-04	3.46E-04	3.42E-04	3.34E-05	3.91E-05	1.11E-03
605792	4122640	3.46E-04	3.42E-04	3.38E-04	2.02E-05	4.20E-05	1.09E-03	Residence	2.83E-07	0.28	0.00	3.46E-04	3.42E-04	3.38E-04	3.29E-05	3.87E-05	1.10E-03
605812	4122640	3.41E-04	3.37E-04	3.33E-04	1.99E-05	4.15E-05	1.07E-03	Residence	2.79E-07	0.28	0.00	3.41E-04	3.37E-04	3.33E-04	3.23E-05	3.82E-05	1.08E-03
605832	4122640	3.36E-04	3.32E-04	3.28E-04	1.95E-05	4.09E-05	1.06E-03	Residence	2.74E-07	0.27	0.00	3.36E-04	3.32E-04	3.28E-04	3.17E-05	3.77E-05	1.06E-03
605852	4122640	3.30E-04	3.26E-04	3.22E-04	1.92E-05	4.04E-05	1.04E-03	Residence	2.70E-07	0.27	0.00	3.30E-04	3.26E-04	3.22E-04	3.11E-05	3.71E-05	1.05E-03
605872	4122640	3.23E-04	3.19E-04	3.16E-04	1.88E-05	3.98E-05	1.02E-03	Residence	2.64E-07	0.26	0.00	3.23E-04	3.19E-04	3.16E-04	3.06E-05	3.66E-05	1.03E-03
605892	4122640	3.17E-04	3.13E-04	3.09E-04	1.85E-05	3.92E-05	9.96E-04	Residence	2.59E-07	0.26	0.00	3.17E-04	3.13E-04	3.09E-04	3.00E-05	3.61E-05	1.00E-03
605932	4122640	3.02E-04	2.98E-04	2.95E-04	1.78E-05	3.82E-05	9.51E-04	Residence	2.47E-07	0.25	0.00	3.02E-04	2.98E-04	2.95E-04	2.90E-05	3.51E-05	9.59E-04

606232	4122640	1.98E-04	1.96E-04	1.95E-04	1.21E-05	3.10E-05	6.32E-04	Residence	1.64E-07	0.16	0.00	1.98E-04	1.96E-04	1.95E-04	1.96E-05	2.85E-05	6.37E-04
606252	4122640	1.92E-04	1.90E-04	1.89E-04	1.16E-05	3.04E-05	6.13E-04	Residence	1.59E-07	0.16	0.00	1.92E-04	1.90E-04	1.89E-04	1.89E-05	2.80E-05	6.18E-04
606272	4122640	1.86E-04	1.84E-04	1.83E-04	1.12E-05	2.98E-05	5.94E-04	Residence	1.54E-07	0.15	0.00	1.86E-04	1.84E-04	1.83E-04	1.82E-05	2.74E-05	5.99E-04
606292	4122640	1.79E-04	1.78E-04	1.77E-04	1.07E-05	2.92E-05	5.75E-04	Residence	1.49E-07	0.15	0.00	1.79E-04	1.78E-04	1.77E-04	1.75E-05	2.69E-05	5.79E-04
606312	4122640	1.74E-04	1.73E-04	1.72E-04	1.03E-05	2.86E-05	5.58E-04	Residence	1.45E-07	0.14	0.00	1.74E-04	1.73E-04	1.72E-04	1.68E-05	2.63E-05	5.62E-04
606352	4122640	1.63E-04	1.62E-04	1.61E-04	9.58E-06	2.75E-05	5.22E-04	Residence	1.36E-07	0.14	0.00	1.63E-04	1.62E-04	1.61E-04	1.56E-05	2.53E-05	5.26E-04
606412	4122640	1.47E-04	1.47E-04	1.46E-04	8.58E-06	2.57E-05	4.75E-04	Residence	1.23E-07	0.12	0.00	1.47E-04	1.47E-04	1.46E-04	1.39E-05	2.37E-05	4.78E-04
606432	4122640	1.43E-04	1.43E-04	1.42E-04	8.29E-06	2.52E-05	4.61E-04	Residence	1.20E-07	0.12	0.00	1.43E-04	1.43E-04	1.42E-04	1.35E-05	2.32E-05	4.65E-04
606452	4122640	1.39E-04	1.39E-04	1.38E-04	8.01E-06	2.46E-05	4.48E-04	Residence	1.17E-07	0.12	0.00	1.39E-04	1.39E-04	1.38E-04	1.30E-05	2.26E-05	4.51E-04
606472	4122640	1.35E-04	1.34E-04	1.34E-04	7.74E-06	2.40E-05	4.34E-04	Residence	1.13E-07	0.11	0.00	1.35E-04	1.34E-04	1.34E-04	1.26E-05	2.21E-05	4.37E-04
606492	4122640	1.30E-04	1.29E-04	1.29E-04	7.48E-06	2.35E-05	4.19E-04	Residence	1.09E-07	0.11	0.00	1.30E-04	1.29E-04	1.29E-04	1.22E-05	2.16E-05	4.21E-04
606512	4122640	1.25E-04	1.25E-04	1.24E-04	7.23E-06	2.29E-05	4.05E-04	Residence	1.05E-07	0.11	0.00	1.25E-04	1.25E-04	1.24E-04	1.18E-05	2.11E-05	4.07E-04
606532	4122640	1.21E-04	1.21E-04	1.21E-04	6.99E-06	2.24E-05	3.92E-04	Residence	1.02E-07	0.10	0.00	1.21E-04	1.21E-04	1.21E-04	1.14E-05	2.06E-05	3.95E-04
606552	4122640	1.19E-04	1.19E-04	1.19E-04	6.77E-06	2.19E-05	3.86E-04	Residence	1.00E-07	0.10	0.00	1.19E-04	1.19E-04	1.19E-04	1.10E-05	2.01E-05	3.88E-04
606572	4122640	1.16E-04	1.16E-04	1.15E-04	6.55E-06	2.13E-05	3.75E-04	Residence	9.75E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	1.06E-05	1.96E-05	3.78E-04
606592	4122640	1.14E-04	1.14E-04	1.13E-04	6.34E-06	2.08E-05	3.68E-04	Residence	9.57E-08	0.10	0.00	1.14E-04	1.14E-04	1.13E-04	1.03E-05	1.92E-05	3.70E-04
606612	4122640	1.11E-04	1.11E-04	1.11E-04	6.14E-06	2.03E-05	3.59E-04	Residence	9.34E-08	0.09	0.00	1.11E-04	1.11E-04	1.11E-04	9.98E-06	1.87E-05	3.61E-04
606632	4122640	1.10E-04	1.09E-04	1.09E-04	5.96E-06	1.98E-05	3.54E-04	Residence	9.20E-08	0.09	0.00	1.10E-04	1.09E-04	1.09E-04	9.68E-06	1.82E-05	3.56E-04
606652	4122640	1.08E-04	1.07E-04	1.07E-04	5.78E-06	1.94E-05	3.47E-04	Residence	9.01E-08	0.09	0.00	1.08E-04	1.07E-04	1.07E-04	9.40E-06	1.78E-05	3.49E-04
606672	4122640	1.07E-04	1.07E-04	1.06E-04	5.62E-06	1.89E-05	3.45E-04	Residence	8.96E-08	0.09	0.00	1.07E-04	1.07E-04	1.06E-04	9.14E-06	1.74E-05	3.47E-04
606732	4122640	1.02E-04	1.02E-04	1.02E-04	5.22E-06	1.76E-05	3.29E-04	Worker	8.55E-08	0.09	0.00	1.02E-04	1.02E-04	1.02E-04	8.47E-06	1.62E-05	3.31E-04
606752	4122640	1.01E-04	1.01E-04	1.00E-04	5.10E-06	1.72E-05	3.24E-04	Worker	8.42E-08	0.08	0.00	1.01E-04	1.01E-04	1.00E-04	8.29E-06	1.58E-05	3.26E-04
606772	4122640	9.97E-05	9.92E-05	9.88E-05	4.99E-06	1.68E-05	3.20E-04	Worker	8.30E-08	0.08	0.00	9.97E-05	9.92E-05	9.88E-05	8.11E-06	1.55E-05	3.21E-04
606852	4122640	9.51E-05	9.46E-05	9.42E-05	4.63E-06	1.54E-05	3.04E-04	Worker	7.90E-08	0.08	0.00	9.51E-05	9.46E-05	9.42E-05	7.52E-06	1.42E-05	3.06E-04
606872	4122640	9.43E-05	9.38E-05	9.34E-05	4.55E-06	1.51E-05	3.01E-04	Worker	7.83E-08	0.08	0.00	9.43E-05	9.38E-05	9.34E-05	7.39E-06	1.39E-05	3.03E-04
606992	4122640	8.78E-05	8.73E-05	8.69E-05	4.10E-06	1.34E-05	2.80E-04	Worker	7.27E-08	0.07	0.00	8.78E-05	8.73E-05	8.69E-05	6.66E-06	1.23E-05	2.81E-04
607012	4122640	8.69E-05	8.64E-05	8.59E-05	4.02E-06	1.31E-05	2.76E-04	Worker	7.18E-08	0.07	0.00	8.69E-05	8.64E-05	8.59E-05	6.54E-06	1.21E-05	2.78E-04
607032	4122640	8.61E-05	8.56E-05	8.52E-05	3.95E-06	1.29E-05	2.74E-04	Worker	7.12E-08	0.07	0.00	8.61E-05	8.56E-05	8.52E-05	6.42E-06	1.19E-05	2.75E-04
607052	4122640	8.54E-05	8.49E-05	8.45E-05	3.88E-06	1.26E-05	2.71E-04	Worker	7.05E-08	0.07	0.00	8.54E-05	8.49E-05	8.45E-05	6.31E-06	1.16E-05	2.73E-04
605632	4122660	3.52E-04	3.48E-04	3.45E-04	2.07E-05	4.24E-05	1.11E-03	Residence	2.88E-07	0.29	0.00	3.52E-04	3.48E-04	3.45E-04	3.37E-05	3.90E-05	1.12E-03
605652	4122660	3.52E-04	3.48E-04	3.45E-04	2.07E-05	4.23E-05	1.11E-03	Residence	2.88E-07	0.29	0.00	3.52E-04	3.48E-04	3.45E-04	3.36E-05	3.89E-05	1.12E-03
605672	4122660	3.51E-04	3.47E-04	3.44E-04	2.06E-05	4.22E-05	1.10E-03	Residence	2.87E-07	0.29	0.00	3.51E-04	3.47E-04	3.44E-04	3.35E-05	3.88E-05	1.11E-03
605692	4122660	3.49E-04	3.46E-04	3.42E-04	2.05E-05	4.19E-05	1.10E-03	Residence	2.86E-07	0.29	0.00	3.49E-04	3.46E-04	3.42E-04	3.32E-05	3.86E-05	1.11E-03
605712	4122660	3.47E-04	3.43E-04	3.39E-04	2.03E-05	4.16E-05	1.09E-03	Residence	2.83E-07	0.28	0.00	3.47E-04	3.43E-04	3.39E-04	3.29E-05	3.83E-05	1.10E-03
605752	4122660	3.39E-04	3.35E-04	3.31E-04	1.98E-05	4.08E-05	1.07E-03	Residence	2.77E-07	0.28	0.00	3.39E-04	3.35E-04	3.31E-04	3.21E-05	3.75E-05	1.07E-03
605772	4122660	3.36E-04	3.32E-04	3.28E-04	1.95E-05	4.04E-05	1.06E-03	Residence	2.75E-07	0.27	0.00	3.36E-04	3.32E-04	3.28E-04	3.16E-05	3.71E-05	1.07E-03
605792	4122660	3.32E-04	3.28E-04	3.24E-04	1.91E-05	3.99E-05	1.04E-03	Residence	2.71E-07	0.27	0.00	3.32E-04	3.28E-04	3.24E-04	3.11E-05	3.67E-05	1.05E-03
605812	4122660	3.28E-04	3.25E-04	3.21E-04	1.88E-05	3.94E-05	1.03E-03	Residence	2.68E-07	0.27	0.00	3.28E-04	3.25E-04	3.21E-04	3.06E-05	3.62E-05	1.04E-03
605832	4122660	3.23E-04	3.19E-04	3.15E-04	1.85E-05	3.88E-05	1.01E-03	Residence	2.63E-07	0.26	0.00	3.23E-04	3.19E-04	3.15E-04	3.00E-05	3.57E-05	1.02E-03
605852	4122660	3.17E-04	3.13E-04	3.10E-04	1.81E-05	3.83E-05	9.97E-04	Residence	2.59E-07	0.26	0.00	3.17E-04	3.13E-04	3.10E-04	2.95E-05	3.52E-05	1.00E-03
605872	4122660	3.11E-04	3.08E-04	3.04E-04	1.78E-05	3.78E-05	9.79E-04	Residence	2.54E-07	0.25	0.00	3.11E-04	3.08E-04	3.04E-04	2.89E-05	3.47E-05	9.87E-04
605892	4122660	3.05E-04	3.02E-04	2.98E-04	1.75E-05	3.73E-05	9.59E-04	Residence	2.49E-07	0.25	0.00	3.05E-04	3.02E-04	2.98E-04	2.84E-05	3.43E-05	9.67E-04
605932	4122660	2.91E-04	2.88E-04	2.84E-04	1.69E-05	3.63E-05	9.16E-04	Residence	2.38E-07	0.24	0.00	2.91E-04	2.88E-04	2.84E-04	2.75E-05	3.34E-05	9.23E-04
606252	4122660	1.87E-04	1.86E-04	1.85E-04	1.11E-05	2.91E-05	5.98E-04	Residence	1.55E-07	0.16	0.00	1.87E-04	1.86E-04	1.85E-04	1.81E-05	2.68E-05	6.03E-04
606272	4122660	1.81E-04	1.80E-04	1.79E-04	1.07E-05	2.85E-05	5.79E-04	Residence	1.51E-07	0.15	0.00	1.81E-04	1.80E-04	1.79E-04	1.74E-05	2.63E-05	5.84E-04
606292	4122660	1.76E-04	1.75E-04	1.73E-04	1.03E-05	2.80E-05	5.62E-04	Residence	1.46E-07	0.15	0.00	1.76E-04	1.75E-04	1.73E-04	1.67E-05	2.58E-05	5.66E-04
606312	4122660	1.70E-04	1.69E-04	1.68E-04	9.92E-06	2.74E-05	5.45E-04	Residence	1.42E-07	0.14	0.00	1.70E-04	1.69E-04	1.68E-04	1.61E-05	2.53E-05	5.49E-04
606352	4122660	1.60E-04	1.59E-04	1.58E-04	9.21E-06	2.64E-05	5.12E-04	Residence	1.33E-07	0.13	0.00	1.60E-04	1.59E-04	1.58E-04	1.50E-05	2.42E-05	5.15E-04
606412	4122660	1.45E-04	1.44E-04	1.44E-04	8.27E-06	2.47E-05	4.66E-04	Residence	1.21E-07	0.12	0.00	1.45E-04	1.44E-04	1.44E-04	1.34E-05	2.28E-05	4.69E-04
606432	4122660	1.41E-04	1.40E-04	1.39E-04	8.00E-06	2.42E-05	4.52E-04	Residence	1.18E-07	0.12	0.00	1.41E-04	1.40E-04	1.39E-04	1.30E-05	2.23E-05	4.55E-04
606452	4122660	1.36E-04	1.35E-04	1.35E-04	7.73E-06	2.37E-05	4.38E-04	Residence	1.14E-07	0.11	0.00	1.36E-04	1.35E-04	1.35E-04	1.26E-05	2.18E-05	4.41E-04
606472	4122660	1.32E-04	1.32E-04	1.31E-04	7.48E-06	2.32E-05	4.26E-04	Residence	1.11E-07	0.11	0.00	1.32E-04	1.32E-04	1.31E-04	1.22E-05	2.13E-05	4.29E-04
606492	4122660	1.29E-04	1.28E-04	1.28E-04	7.24E-06	2.27E-05	4.15E-04	Residence	1.08E-07	0.11	0.00	1.29E-04	1.28E-04	1.28E-04	1.18E-05	2.08E-05	4.18E-04
606512	4122660	1.23E-04	1.23E-04	1.22E-04	7.00E-06	2.21E-05	3.97E-04	Residence	1.03E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.14E-05	2.04E-05	4.00E-04
606532	4122660	1.20E-04	1.20E-04	1.19E-04	6.78E-06	2.16E-05	3.87E-04	Residence	1.01E-07	0.10	0.00	1.20E-04	1.20E-04	1.19E-04	1.10E-05	1.99E-05	3.90E-04
606552	4122660	1.17E-04	1.17E-04	1.16E-04	6.56E-06	2.11E-05	3.78E-04	Residence	9.83E-08	0.10	0.00	1.17E-04	1.17E-04	1.16E-04	1.07E-05	1.94E-05	3.81E-04
606572	4122660	1.16E-04	1.15E-04	1.15E-04	6.36E-06	2.06E-05	3.72E-04	Residence	9.68E-08	0.10	0.00	1.16E-04	1.15E-04	1.15E-04	1.03E-05	1.90E-05	3.75E-04
606592	4122660	1.13E-04	1.12E-04	1.12E-04	6.16E-06	2.01E-05	3.63E-04	Residence	9.43E-08	0.09	0.00	1.13E-04	1.12E-04	1.12E-04	1.00E-05	1.85E-05	3.65E-04
606612	4122660	1.10E-04	1.10E-04	1.10E-04	5.97E-06	1.97E-05	3.56E-04	Residence	9.25E-08	0.09	0.00	1.10E-04	1.10E-04	1.10E-04	9.70E-06	1.81E-05	3.58E-04
606632	4122660	1.08E-04	1.08E-04	1.08E-04	5.79E-06	1.92E-05	3.49E-04	Residence	9.06E-08	0.09	0.00	1.08E-04	1.08E-04	1.08E-04	9.41E-06	1.77E-05	3.51E-04
606652	4122660	1.06E-04	1.05E-04	1.05E-04	5.62E-06	1.88E-05	3.41E-04	Residence	8.85E-08	0.09	0.00	1.06E-04	1.05E-04	1.05E-04	9.13E-06	1.73E-05	3.43E-04
606672	4122660	1.06E-04	1.05E-04	1.05E-04	5.47E-06	1.83E-05	3.39E-04	Residence	8.82E-08	0.09	0.00	1.06E-04	1.05E-04	1.05E-04	8.88E-06	1.69E-05	3.41E-04
606712	4122660	1.03E-04	1.02E-04	1.02E-04	5.19E-06	1.75E-05	3.30E-04	Worker	8.58E-08	0.09	0.00	1.03E-04	1.02E-04	1.02E-04	8.43E-06	1.61E-05	3.32E-04
606732	4122660	1.01E-04	1.00E-04	1.00E-04	5.06E-06	1.71E-05	3.23E-04	Worker	8.41E-08	0.08	0.00	1.01E-04	1.00E-04	1.00E-04	8.23E-06	1.57E-05	3.25E-04
606752	4122660	9.93E-05	9.88E-05	9.84E-05	4.95E-06	1.67E-05	3.18E-04	Worker	8.27E-08	0.08	0.00	9.93E-05	9.88E-05	9.84E-05	8.04E-06	1.54E-05	3.20E-04
606772	4122660	9.79E-05	9.75E-05	9.71E-05	4.85E-06	1.64E-05	3.14E-04	Worker	8.15E-08	0.08	0.00	9.79E-05	9.75E-05	9.71E-05	7.87E-06	1.51E-05	3.15E-04
606792	4122660	9.66E-05	9.62E-05	9.58E-05	4.75E-06	1.60E-05	3.09E-04	Worker	8.04E-08	0.08	0.00	9.66E-05	9.62E-05	9.58E-05	7.72E-06	1.47E-05	3.11E-04
606832	4122660	9.44E-05	9.39E-05	9.35E-05	4.57E-06	1.54E-05	3.02E-04	Worker	7.84E-08	0.08	0.00	9.44E-05	9.39E-05	9.35E-05	7.43E-06	1.41E-05	3.03E-04
606852	4122660	9.34E-05	9.29E-05	9.25E-05	4.49E-06	1.50E-05	2.98E-04	Worker	7.75E-08	0.08	0.00	9.34E-05	9.29E-05	9.25E-05	7.30E-06	1.38E-05	3.00E-04
606872	4122660	9.21E-05	9.16E-05	9.12E-05	4.42E-06	1.47E-05	2.94E-04	Worker	7.64E-08	0.08	0.00	9.21E-05	9.16E-05	9.12E-05	7.18E-06	1.36E-05	2.96E-04
606892	4122660	9.11E-05	9.07E-05	9.02E-05	4.34E-06	1.44E-05	2.91E-04	Worker	7.56E-08	0.08	0.00	9.11E-05	9.07E-05	9.02E-05	7.05E-06	1.33E-05	2.92E-04
606992	4122660	8.61E-05	8.56E-05	8.51E-05	3.99E-06	1.31E-05	2.74E-04	Worker	7.12E-08	0.07	0.00	8.61E-05	8.56E-05	8.51E-05	6.48E-06	1.20E-05	2.75E-04
607012	4122660	8.52E-05	8.47E-05	8.42E-05	3.92E-06	1.28E-05	2.71E-04	Worker	7.04E-08	0.07	0.00	8.52E-05	8.47E-05	8.42E-05	6.37E-06	1.18E-05	2.72E-04

607032	4122660	8.45E-05	8.40E-05	8.36E-05	3.85E-06	1.26E-05	2.68E-04	Worker	6.98E-08	0.07	0.00	8.45E-05	8.40E-05	8.36E-05	6.26E-06	1.16E-05	2.70E-04
605632	4122680	3.40E-04	3.37E-04	3.34E-04	1.98E-05	4.05E-05	1.07E-03	Residence	2.78E-07	0.28	0.00	3.40E-04	3.37E-04	3.34E-04	3.22E-05	3.73E-05	1.08E-03
605652	4122680	3.40E-04	3.36E-04	3.33E-04	1.97E-05	4.04E-05	1.07E-03	Residence	2.78E-07	0.28	0.00	3.40E-04	3.36E-04	3.33E-04	3.20E-05	3.72E-05	1.08E-03
605672	4122680	3.38E-04	3.35E-04	3.31E-04	1.96E-05	4.02E-05	1.06E-03	Residence	2.77E-07	0.28	0.00	3.38E-04	3.35E-04	3.31E-04	3.19E-05	3.70E-05	1.07E-03
605852	4122680	3.04E-04	3.00E-04	2.97E-04	1.72E-05	3.64E-05	9.54E-04	Residence	2.48E-07	0.25	0.00	3.04E-04	3.00E-04	2.97E-04	2.79E-05	3.35E-05	9.62E-04
605872	4122680	3.00E-04	2.97E-04	2.93E-04	1.69E-05	3.59E-05	9.43E-04	Residence	2.45E-07	0.25	0.00	3.00E-04	2.97E-04	2.93E-04	2.74E-05	3.30E-05	9.51E-04
605892	4122680	2.94E-04	2.91E-04	2.87E-04	1.66E-05	3.54E-05	9.24E-04	Residence	2.40E-07	0.24	0.00	2.94E-04	2.91E-04	2.87E-04	2.70E-05	3.26E-05	9.32E-04
605932	4122680	2.81E-04	2.77E-04	2.74E-04	1.61E-05	3.46E-05	8.83E-04	Residence	2.29E-07	0.23	0.00	2.81E-04	2.77E-04	2.74E-04	2.61E-05	3.18E-05	8.90E-04
605952	4122680	2.75E-04	2.72E-04	2.70E-04	1.58E-05	3.42E-05	8.67E-04	Residence	2.25E-07	0.23	0.00	2.75E-04	2.72E-04	2.70E-04	2.57E-05	3.15E-05	8.75E-04
605972	4122680	2.68E-04	2.66E-04	2.63E-04	1.56E-05	3.38E-05	8.46E-04	Residence	2.20E-07	0.22	0.00	2.68E-04	2.66E-04	2.63E-04	2.53E-05	3.11E-05	8.53E-04
606252	4122680	1.83E-04	1.81E-04	1.80E-04	1.06E-05	2.79E-05	5.82E-04	Residence	1.51E-07	0.15	0.00	1.83E-04	1.81E-04	1.80E-04	1.73E-05	2.56E-05	5.87E-04
606272	4122680	1.77E-04	1.76E-04	1.75E-04	1.03E-05	2.73E-05	5.65E-04	Residence	1.47E-07	0.15	0.00	1.77E-04	1.76E-04	1.75E-04	1.67E-05	2.52E-05	5.70E-04
606312	4122680	1.67E-04	1.66E-04	1.65E-04	9.54E-06	2.63E-05	5.33E-04	Residence	1.39E-07	0.14	0.00	1.67E-04	1.66E-04	1.65E-04	1.55E-05	2.42E-05	5.37E-04
606352	4122680	1.56E-04	1.55E-04	1.55E-04	8.86E-06	2.53E-05	5.01E-04	Residence	1.30E-07	0.13	0.00	1.56E-04	1.55E-04	1.55E-04	1.44E-05	2.33E-05	5.04E-04
606372	4122680	1.52E-04	1.51E-04	1.50E-04	8.55E-06	2.48E-05	4.86E-04	Residence	1.26E-07	0.13	0.00	1.52E-04	1.51E-04	1.50E-04	1.39E-05	2.28E-05	4.89E-04
606392	4122680	1.48E-04	1.47E-04	1.46E-04	8.26E-06	2.43E-05	4.73E-04	Residence	1.23E-07	0.12	0.00	1.48E-04	1.47E-04	1.46E-04	1.34E-05	2.24E-05	4.76E-04
606412	4122680	1.42E-04	1.41E-04	1.41E-04	7.98E-06	2.38E-05	4.56E-04	Residence	1.19E-07	0.12	0.00	1.42E-04	1.41E-04	1.41E-04	1.30E-05	2.19E-05	4.59E-04
606432	4122680	1.38E-04	1.37E-04	1.37E-04	7.72E-06	2.33E-05	4.43E-04	Residence	1.15E-07	0.12	0.00	1.38E-04	1.37E-04	1.37E-04	1.25E-05	2.15E-05	4.46E-04
606452	4122680	1.34E-04	1.33E-04	1.33E-04	7.47E-06	2.28E-05	4.30E-04	Residence	1.12E-07	0.11	0.00	1.34E-04	1.33E-04	1.33E-04	1.21E-05	2.10E-05	4.33E-04
606472	4122680	1.30E-04	1.30E-04	1.29E-04	7.23E-06	2.23E-05	4.19E-04	Residence	1.09E-07	0.11	0.00	1.30E-04	1.30E-04	1.29E-04	1.18E-05	2.06E-05	4.22E-04
606492	4122680	1.27E-04	1.27E-04	1.26E-04	7.01E-06	2.19E-05	4.09E-04	Residence	1.06E-07	0.11	0.00	1.27E-04	1.27E-04	1.26E-04	1.14E-05	2.01E-05	4.11E-04
606512	4122680	1.22E-04	1.21E-04	1.21E-04	6.78E-06	2.14E-05	3.92E-04	Residence	1.02E-07	0.10	0.00	1.22E-04	1.21E-04	1.21E-04	1.10E-05	1.97E-05	3.94E-04
606532	4122680	1.19E-04	1.18E-04	1.18E-04	6.57E-06	2.09E-05	3.83E-04	Residence	9.95E-08	0.10	0.00	1.19E-04	1.18E-04	1.18E-04	1.07E-05	1.92E-05	3.85E-04
606552	4122680	1.16E-04	1.15E-04	1.15E-04	6.37E-06	2.04E-05	3.73E-04	Residence	9.70E-08	0.10	0.00	1.16E-04	1.15E-04	1.15E-04	1.03E-05	1.88E-05	3.76E-04
606572	4122680	1.15E-04	1.14E-04	1.14E-04	6.17E-06	2.00E-05	3.69E-04	Residence	9.60E-08	0.10	0.00	1.15E-04	1.14E-04	1.14E-04	1.00E-05	1.84E-05	3.71E-04
606592	4122680	1.12E-04	1.11E-04	1.11E-04	5.98E-06	1.95E-05	3.60E-04	Residence	9.35E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	9.72E-06	1.80E-05	3.62E-04
606612	4122680	1.09E-04	1.09E-04	1.08E-04	5.80E-06	1.91E-05	3.51E-04	Residence	9.12E-08	0.09	0.00	1.09E-04	1.09E-04	1.08E-04	9.43E-06	1.75E-05	3.53E-04
606632	4122680	1.06E-04	1.06E-04	1.06E-04	5.63E-06	1.86E-05	3.42E-04	Residence	8.89E-08	0.09	0.00	1.06E-04	1.06E-04	1.06E-04	9.15E-06	1.71E-05	3.44E-04
606652	4122680	1.05E-04	1.04E-04	1.04E-04	5.47E-06	1.82E-05	3.36E-04	Residence	8.73E-08	0.09	0.00	1.05E-04	1.04E-04	1.04E-04	8.88E-06	1.67E-05	3.38E-04
606732	4122680	9.94E-05	9.90E-05	9.87E-05	4.92E-06	1.66E-05	3.19E-04	Worker	8.28E-08	0.08	0.00	9.94E-05	9.90E-05	9.87E-05	8.00E-06	1.53E-05	3.20E-04
606752	4122680	9.78E-05	9.74E-05	9.70E-05	4.81E-06	1.63E-05	3.13E-04	Worker	8.14E-08	0.08	0.00	9.78E-05	9.74E-05	9.70E-05	7.82E-06	1.50E-05	3.15E-04
606772	4122680	9.64E-05	9.60E-05	9.56E-05	4.71E-06	1.59E-05	3.09E-04	Worker	8.02E-08	0.08	0.00	9.64E-05	9.60E-05	9.56E-05	7.65E-06	1.46E-05	3.10E-04
606792	4122680	9.52E-05	9.47E-05	9.44E-05	4.61E-06	1.56E-05	3.04E-04	Worker	7.91E-08	0.08	0.00	9.52E-05	9.47E-05	9.44E-05	7.50E-06	1.43E-05	3.06E-04
606812	4122680	9.39E-05	9.35E-05	9.31E-05	4.52E-06	1.53E-05	3.00E-04	Worker	7.81E-08	0.08	0.00	9.39E-05	9.35E-05	9.31E-05	7.35E-06	1.40E-05	3.02E-04
606832	4122680	9.25E-05	9.20E-05	9.16E-05	4.44E-06	1.49E-05	2.96E-04	Worker	7.68E-08	0.08	0.00	9.25E-05	9.20E-05	9.16E-05	7.22E-06	1.37E-05	2.97E-04
606852	4122680	9.12E-05	9.07E-05	9.04E-05	4.36E-06	1.46E-05	2.91E-04	Worker	7.57E-08	0.08	0.00	9.12E-05	9.07E-05	9.04E-05	7.09E-06	1.35E-05	2.93E-04
606872	4122680	9.02E-05	8.98E-05	8.94E-05	4.29E-06	1.43E-05	2.88E-04	Worker	7.49E-08	0.07	0.00	9.02E-05	8.98E-05	8.94E-05	6.97E-06	1.32E-05	2.90E-04
606892	4122680	8.95E-05	8.91E-05	8.87E-05	4.22E-06	1.41E-05	2.86E-04	Worker	7.42E-08	0.07	0.00	8.95E-05	8.91E-05	8.87E-05	6.85E-06	1.29E-05	2.87E-04
606992	4122680	8.45E-05	8.41E-05	8.37E-05	3.88E-06	1.28E-05	2.69E-04	Worker	6.99E-08	0.07	0.00	8.45E-05	8.41E-05	8.37E-05	6.31E-06	1.18E-05	2.70E-04
607012	4122680	8.38E-05	8.33E-05	8.29E-05	3.82E-06	1.25E-05	2.66E-04	Worker	6.92E-08	0.07	0.00	8.38E-05	8.33E-05	8.29E-05	6.21E-06	1.15E-05	2.68E-04
607032	4122680	8.30E-05	8.25E-05	8.21E-05	3.76E-06	1.23E-05	2.64E-04	Worker	6.85E-08	0.07	0.00	8.30E-05	8.25E-05	8.21E-05	6.11E-06	1.13E-05	2.65E-04
605632	4122700	3.33E-04	3.30E-04	3.27E-04	1.89E-05	3.88E-05	1.05E-03	Residence	2.72E-07	0.27	0.00	3.33E-04	3.30E-04	3.27E-04	3.07E-05	3.57E-05	1.06E-03
605652	4122700	3.32E-04	3.29E-04	3.25E-04	1.88E-05	3.86E-05	1.04E-03	Residence	2.71E-07	0.27	0.00	3.32E-04	3.29E-04	3.25E-04	3.06E-05	3.55E-05	1.05E-03
605672	4122700	3.30E-04	3.27E-04	3.24E-04	1.87E-05	3.84E-05	1.04E-03	Residence	2.70E-07	0.27	0.00	3.30E-04	3.27E-04	3.24E-04	3.04E-05	3.53E-05	1.05E-03
605692	4122700	3.28E-04	3.25E-04	3.21E-04	1.85E-05	3.81E-05	1.03E-03	Residence	2.68E-07	0.27	0.00	3.28E-04	3.25E-04	3.21E-04	3.01E-05	3.50E-05	1.04E-03
605712	4122700	3.26E-04	3.22E-04	3.18E-04	1.83E-05	3.77E-05	1.02E-03	Residence	2.66E-07	0.27	0.00	3.26E-04	3.22E-04	3.18E-04	2.97E-05	3.47E-05	1.03E-03
605752	4122700	3.17E-04	3.14E-04	3.10E-04	1.78E-05	3.69E-05	9.96E-04	Residence	2.59E-07	0.26	0.00	3.17E-04	3.14E-04	3.10E-04	2.89E-05	3.40E-05	1.00E-03
605772	4122700	3.13E-04	3.10E-04	3.06E-04	1.75E-05	3.65E-05	9.83E-04	Residence	2.55E-07	0.26	0.00	3.13E-04	3.10E-04	3.06E-04	2.84E-05	3.36E-05	9.91E-04
605792	4122700	3.09E-04	3.05E-04	3.02E-04	1.72E-05	3.60E-05	9.69E-04	Residence	2.52E-07	0.25	0.00	3.09E-04	3.05E-04	3.02E-04	2.79E-05	3.31E-05	9.77E-04
605812	4122700	3.04E-04	3.01E-04	2.97E-04	1.69E-05	3.55E-05	9.55E-04	Residence	2.48E-07	0.25	0.00	3.04E-04	3.01E-04	2.97E-04	2.75E-05	3.27E-05	9.62E-04
605852	4122700	2.93E-04	2.90E-04	2.86E-04	1.63E-05	3.46E-05	9.20E-04	Residence	2.39E-07	0.24	0.00	2.93E-04	2.90E-04	2.86E-04	2.65E-05	3.18E-05	9.27E-04
605872	4122700	2.90E-04	2.86E-04	2.83E-04	1.60E-05	3.42E-05	9.09E-04	Residence	2.36E-07	0.24	0.00	2.90E-04	2.86E-04	2.83E-04	2.61E-05	3.15E-05	9.16E-04
605892	4122700	2.84E-04	2.81E-04	2.77E-04	1.58E-05	3.38E-05	8.91E-04	Residence	2.32E-07	0.23	0.00	2.84E-04	2.81E-04	2.77E-04	2.57E-05	3.11E-05	8.98E-04
605932	4122700	2.71E-04	2.68E-04	2.65E-04	1.53E-05	3.30E-05	8.51E-04	Residence	2.21E-07	0.22	0.00	2.71E-04	2.68E-04	2.65E-04	2.49E-05	3.03E-05	8.58E-04
605952	4122700	2.66E-04	2.63E-04	2.60E-04	1.51E-05	3.26E-05	8.38E-04	Residence	2.18E-07	0.22	0.00	2.66E-04	2.63E-04	2.60E-04	2.45E-05	3.00E-05	8.44E-04
605972	4122700	2.58E-04	2.55E-04	2.53E-04	1.49E-05	3.23E-05	8.13E-04	Residence	2.11E-07	0.21	0.00	2.58E-04	2.55E-04	2.53E-04	2.41E-05	2.97E-05	8.20E-04
605992	4122700	2.52E-04	2.50E-04	2.47E-04	1.46E-05	3.19E-05	7.96E-04	Residence	2.07E-07	0.21	0.00	2.52E-04	2.50E-04	2.47E-04	2.38E-05	2.94E-05	8.02E-04
606012	4122700	2.47E-04	2.44E-04	2.42E-04	1.44E-05	3.16E-05	7.80E-04	Residence	2.03E-07	0.20	0.00	2.47E-04	2.44E-04	2.42E-04	2.34E-05	2.91E-05	7.86E-04
606032	4122700	2.40E-04	2.38E-04	2.36E-04	1.41E-05	3.13E-05	7.60E-04	Residence	1.98E-07	0.20	0.00	2.40E-04	2.38E-04	2.36E-04	2.29E-05	2.88E-05	7.66E-04
606112	4122700	2.16E-04	2.14E-04	2.13E-04	1.28E-05	2.98E-05	6.86E-04	Residence	1.78E-07	0.18	0.00	2.16E-04	2.14E-04	2.13E-04	2.09E-05	2.74E-05	6.91E-04
606132	4122700	2.09E-04	2.07E-04	2.06E-04	1.25E-05	2.94E-05	6.64E-04	Residence	1.73E-07	0.17	0.00	2.09E-04	2.07E-04	2.06E-04	2.03E-05	2.70E-05	6.70E-04
606412	4122700	1.40E-04	1.39E-04	1.38E-04	7.71E-06	2.29E-05	4.48E-04	Residence	1.16E-07	0.12	0.00	1.40E-04	1.39E-04	1.38E-04	1.25E-05	2.11E-05	4.51E-04
606432	4122700	1.36E-04	1.35E-04	1.35E-04	7.46E-06	2.25E-05	4.35E-04	Residence	1.13E-07	0.11	0.00	1.36E-04	1.35E-04	1.35E-04	1.21E-05	2.07E-05	4.38E-04
606452	4122700	1.32E-04	1.31E-04	1.31E-04	7.22E-06	2.20E-05	4.23E-04	Residence	1.10E-07	0.11	0.00	1.32E-04	1.31E-04	1.31E-04	1.17E-05	2.03E-05	4.26E-04
606472	4122700	1.28E-04	1.28E-04	1.27E-04	7.00E-06	2.16E-05	4.11E-04	Residence	1.07E-07	0.11	0.00	1.28E-04	1.28E-04	1.27E-04	1.14E-05	1.98E-05	4.14E-04
606492	4122700	1.25E-04	1.24E-04	1.24E-04	6.78E-06	2.11E-05	4.01E-04	Residence	1.04E-07	0.10	0.00	1.25E-04	1.24E-04	1.24E-04	1.10E-05	1.94E-05	4.03E-04
606512	4122700	1.21E-04	1.21E-04	1.20E-04	6.58E-06	2.07E-05	3.89E-04	Residence	1.01E-07	0.10	0.00	1.21E-04	1.21E-04	1.20E-04	1.07E-05	1.90E-05	3.91E-04
606532	4122700	1.17E-04	1.17E-04	1.16E-04	6.37E-06	2.02E-05	3.77E-04	Residence	9.81E-08	0.10	0.00	1.17E-04	1.17E-04	1.16E-04	1.04E-05	1.86E-05	3.80E-04
606552	4122700	1.15E-04	1.15E-04	1.14E-04	6.18E-06	1.98E-05	3.70E-04	Residence	9.61E-08	0.10	0.00	1.15E-04	1.15E-04	1.14E-04	1.00E-05	1.82E-05	3.72E-04
606572	4122700	1.13E-04	1.13E-04	1.12E-04	6.00E-06	1.93E-05	3.64E-04	Residence	9.46E-08	0.09	0.00	1.13E-04	1.13E-04	1.12E-04	9.75E-06	1.78E-05	3.66E-04
606592	4122700	1.10E-04	1.10E-04	1.09E-04	5.82E-06	1.89E-05	3.53E-04	Residence	9.19E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	9.45E-06	1.74E-05	3.56E-04
606612	4122700	1.07E-04	1.07E-04	1.07E-04	5.64E-06	1.85E-05	3.45E-04	Residence	8.97E-08	0.09	0.00	1.07E-04	1.07E-04	1.07E-04	9.17E-06	1.70E-05	3.47E-04
606632	4122700	1.05E-04	1.05E-04	1.04E-04	5.48E-06	1.81E-05	3.38E-04	Residence	8.79E-08	0.09	0.00	1.05E-04	1.05E-04	1.04E-04	8.90E-06	1.66E-05	3.40E-04

606652	4122700	1.03E-04	1.03E-04	1.02E-04	5.32E-06	1.77E-05	3.31E-04	Residence	8.61E-08	0.09	0.00	1.03E-04	1.03E-04	1.02E-04	8.64E-06	1.63E-05	3.33E-04
606732	4122700	9.78E-05	9.74E-05	9.71E-05	4.79E-06	1.62E-05	3.13E-04	Worker	8.14E-08	0.08	0.00	9.78E-05	9.74E-05	9.71E-05	7.78E-06	1.49E-05	3.15E-04
606752	4122700	9.64E-05	9.60E-05	9.56E-05	4.68E-06	1.58E-05	3.08E-04	Worker	8.02E-08	0.08	0.00	9.64E-05	9.60E-05	9.56E-05	7.60E-06	1.46E-05	3.10E-04
606772	4122700	9.50E-05	9.46E-05	9.43E-05	4.58E-06	1.55E-05	3.04E-04	Worker	7.90E-08	0.08	0.00	9.50E-05	9.46E-05	9.43E-05	7.44E-06	1.43E-05	3.06E-04
606792	4122700	9.36E-05	9.32E-05	9.28E-05	4.48E-06	1.52E-05	2.99E-04	Worker	7.78E-08	0.08	0.00	9.36E-05	9.32E-05	9.28E-05	7.29E-06	1.40E-05	3.01E-04
606812	4122700	9.21E-05	9.17E-05	9.13E-05	4.40E-06	1.49E-05	2.94E-04	Worker	7.65E-08	0.08	0.00	9.21E-05	9.17E-05	9.13E-05	7.14E-06	1.37E-05	2.96E-04
606832	4122700	9.06E-05	9.02E-05	8.98E-05	4.32E-06	1.46E-05	2.89E-04	Worker	7.52E-08	0.08	0.00	9.06E-05	9.02E-05	8.98E-05	7.01E-06	1.34E-05	2.91E-04
606852	4122700	8.94E-05	8.90E-05	8.86E-05	4.24E-06	1.43E-05	2.86E-04	Worker	7.42E-08	0.07	0.00	8.94E-05	8.90E-05	8.86E-05	6.89E-06	1.31E-05	2.87E-04
606872	4122700	8.88E-05	8.84E-05	8.80E-05	4.17E-06	1.40E-05	2.83E-04	Worker	7.37E-08	0.07	0.00	8.88E-05	8.84E-05	8.80E-05	6.77E-06	1.29E-05	2.85E-04
605632	4122720	3.22E-04	3.19E-04	3.16E-04	1.81E-05	3.71E-05	1.01E-03	Residence	2.63E-07	0.26	0.00	3.22E-04	3.19E-04	3.16E-04	2.94E-05	3.41E-05	1.02E-03
605652	4122720	3.21E-04	3.18E-04	3.15E-04	1.79E-05	3.69E-05	1.01E-03	Residence	2.62E-07	0.26	0.00	3.21E-04	3.18E-04	3.15E-04	2.92E-05	3.39E-05	1.02E-03
605672	4122720	3.19E-04	3.16E-04	3.13E-04	1.78E-05	3.66E-05	1.00E-03	Residence	2.61E-07	0.26	0.00	3.19E-04	3.16E-04	3.13E-04	2.89E-05	3.37E-05	1.01E-03
605692	4122720	3.18E-04	3.15E-04	3.12E-04	1.76E-05	3.63E-05	9.99E-04	Residence	2.60E-07	0.26	0.00	3.18E-04	3.15E-04	3.12E-04	2.86E-05	3.34E-05	1.01E-03
605712	4122720	3.15E-04	3.12E-04	3.08E-04	1.74E-05	3.60E-05	9.88E-04	Residence	2.57E-07	0.26	0.00	3.15E-04	3.12E-04	3.08E-04	2.83E-05	3.31E-05	9.96E-04
605752	4122720	3.07E-04	3.04E-04	3.00E-04	1.69E-05	3.52E-05	9.63E-04	Residence	2.50E-07	0.25	0.00	3.07E-04	3.04E-04	3.00E-04	2.74E-05	3.23E-05	9.70E-04
605812	4122720	2.95E-04	2.92E-04	2.88E-04	1.61E-05	3.39E-05	9.25E-04	Residence	2.41E-07	0.24	0.00	2.95E-04	2.92E-04	2.88E-04	2.61E-05	3.12E-05	9.33E-04
605872	4122720	2.79E-04	2.76E-04	2.73E-04	1.53E-05	3.26E-05	8.77E-04	Residence	2.28E-07	0.23	0.00	2.79E-04	2.76E-04	2.73E-04	2.48E-05	3.00E-05	8.84E-04
605892	4122720	2.74E-04	2.71E-04	2.68E-04	1.50E-05	3.22E-05	8.60E-04	Residence	2.24E-07	0.22	0.00	2.74E-04	2.71E-04	2.68E-04	2.44E-05	2.96E-05	8.67E-04
605952	4122720	2.57E-04	2.55E-04	2.52E-04	1.44E-05	3.12E-05	8.09E-04	Residence	2.10E-07	0.21	0.00	2.57E-04	2.55E-04	2.52E-04	2.34E-05	2.87E-05	8.16E-04
605972	4122720	2.49E-04	2.47E-04	2.45E-04	1.42E-05	3.08E-05	7.86E-04	Residence	2.04E-07	0.20	0.00	2.49E-04	2.47E-04	2.45E-04	2.30E-05	2.84E-05	7.92E-04
605992	4122720	2.44E-04	2.42E-04	2.40E-04	1.40E-05	3.05E-05	7.70E-04	Residence	2.00E-07	0.20	0.00	2.44E-04	2.42E-04	2.40E-04	2.27E-05	2.81E-05	7.76E-04
606112	4122720	2.10E-04	2.09E-04	2.07E-04	1.23E-05	2.85E-05	6.67E-04	Residence	1.73E-07	0.17	0.00	2.10E-04	2.09E-04	2.07E-04	1.99E-05	2.62E-05	6.72E-04
606132	4122720	2.03E-04	2.02E-04	2.00E-04	1.19E-05	2.81E-05	6.45E-04	Residence	1.68E-07	0.17	0.00	2.03E-04	2.02E-04	2.00E-04	1.94E-05	2.59E-05	6.50E-04
606152	4122720	1.99E-04	1.97E-04	1.96E-04	1.16E-05	2.77E-05	6.31E-04	Residence	1.64E-07	0.16	0.00	1.99E-04	1.97E-04	1.96E-04	1.88E-05	2.55E-05	6.36E-04
606172	4122720	1.94E-04	1.93E-04	1.91E-04	1.12E-05	2.73E-05	6.17E-04	Residence	1.60E-07	0.16	0.00	1.94E-04	1.93E-04	1.91E-04	1.82E-05	2.52E-05	6.22E-04
606192	4122720	1.91E-04	1.89E-04	1.88E-04	1.09E-05	2.69E-05	6.05E-04	Residence	1.57E-07	0.16	0.00	1.91E-04	1.89E-04	1.88E-04	1.76E-05	2.48E-05	6.10E-04
606212	4122720	1.86E-04	1.84E-04	1.83E-04	1.05E-05	2.65E-05	5.90E-04	Residence	1.53E-07	0.15	0.00	1.86E-04	1.84E-04	1.83E-04	1.71E-05	2.44E-05	5.94E-04
606232	4122720	1.80E-04	1.79E-04	1.78E-04	1.02E-05	2.61E-05	5.73E-04	Residence	1.49E-07	0.15	0.00	1.80E-04	1.79E-04	1.78E-04	1.65E-05	2.40E-05	5.77E-04
606252	4122720	1.74E-04	1.73E-04	1.72E-04	9.81E-06	2.56E-05	5.55E-04	Residence	1.44E-07	0.14	0.00	1.74E-04	1.73E-04	1.72E-04	1.59E-05	2.36E-05	5.59E-04
606272	4122720	1.69E-04	1.68E-04	1.67E-04	9.47E-06	2.52E-05	5.39E-04	Residence	1.40E-07	0.14	0.00	1.69E-04	1.68E-04	1.67E-04	1.54E-05	2.32E-05	5.43E-04
606292	4122720	1.65E-04	1.64E-04	1.62E-04	9.15E-06	2.48E-05	5.24E-04	Residence	1.36E-07	0.14	0.00	1.65E-04	1.64E-04	1.62E-04	1.49E-05	2.28E-05	5.28E-04
606312	4122720	1.60E-04	1.59E-04	1.58E-04	8.83E-06	2.43E-05	5.10E-04	Residence	1.33E-07	0.13	0.00	1.60E-04	1.59E-04	1.58E-04	1.43E-05	2.24E-05	5.14E-04
606352	4122720	1.51E-04	1.50E-04	1.49E-04	8.24E-06	2.34E-05	4.82E-04	Residence	1.25E-07	0.13	0.00	1.51E-04	1.50E-04	1.49E-04	1.34E-05	2.16E-05	4.85E-04
606372	4122720	1.47E-04	1.46E-04	1.45E-04	7.96E-06	2.30E-05	4.68E-04	Residence	1.22E-07	0.12	0.00	1.47E-04	1.46E-04	1.45E-04	1.29E-05	2.12E-05	4.72E-04
606412	4122720	1.37E-04	1.37E-04	1.36E-04	7.45E-06	2.21E-05	4.39E-04	Residence	1.14E-07	0.11	0.00	1.37E-04	1.37E-04	1.36E-04	1.21E-05	2.03E-05	4.42E-04
606432	4122720	1.33E-04	1.33E-04	1.32E-04	7.21E-06	2.17E-05	4.27E-04	Residence	1.11E-07	0.11	0.00	1.33E-04	1.33E-04	1.32E-04	1.17E-05	1.99E-05	4.30E-04
606452	4122720	1.30E-04	1.29E-04	1.29E-04	6.99E-06	2.13E-05	4.16E-04	Residence	1.08E-07	0.11	0.00	1.30E-04	1.29E-04	1.29E-04	1.14E-05	1.96E-05	4.18E-04
606472	4122720	1.26E-04	1.26E-04	1.25E-04	6.78E-06	2.08E-05	4.04E-04	Residence	1.05E-07	0.11	0.00	1.26E-04	1.26E-04	1.25E-04	1.10E-05	1.92E-05	4.07E-04
606492	4122720	1.23E-04	1.23E-04	1.22E-04	6.57E-06	2.04E-05	3.96E-04	Residence	1.03E-07	0.10	0.00	1.23E-04	1.23E-04	1.22E-04	1.07E-05	1.88E-05	3.98E-04
606512	4122720	1.20E-04	1.19E-04	1.19E-04	6.38E-06	2.00E-05	3.84E-04	Residence	9.98E-08	0.10	0.00	1.20E-04	1.19E-04	1.19E-04	1.04E-05	1.84E-05	3.86E-04
606532	4122720	1.16E-04	1.16E-04	1.15E-04	6.19E-06	1.96E-05	3.73E-04	Residence	9.68E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	1.01E-05	1.80E-05	3.75E-04
606552	4122720	1.14E-04	1.13E-04	1.13E-04	6.00E-06	1.92E-05	3.65E-04	Residence	9.49E-08	0.09	0.00	1.14E-04	1.13E-04	1.13E-04	9.76E-06	1.76E-05	3.67E-04
606572	4122720	1.11E-04	1.11E-04	1.10E-04	5.83E-06	1.87E-05	3.56E-04	Residence	9.26E-08	0.09	0.00	1.11E-04	1.11E-04	1.10E-04	9.47E-06	1.72E-05	3.59E-04
606592	4122720	1.09E-04	1.08E-04	1.08E-04	5.66E-06	1.83E-05	3.49E-04	Residence	9.06E-08	0.09	0.00	1.09E-04	1.08E-04	1.08E-04	9.19E-06	1.69E-05	3.51E-04
606612	4122720	1.06E-04	1.06E-04	1.05E-04	5.49E-06	1.79E-05	3.41E-04	Residence	8.87E-08	0.09	0.00	1.06E-04	1.06E-04	1.05E-04	8.92E-06	1.65E-05	3.43E-04
606632	4122720	1.04E-04	1.04E-04	1.04E-04	5.33E-06	1.75E-05	3.35E-04	Residence	8.71E-08	0.09	0.00	1.04E-04	1.04E-04	1.04E-04	8.67E-06	1.61E-05	3.37E-04
606652	4122720	1.03E-04	1.02E-04	1.02E-04	5.18E-06	1.72E-05	3.30E-04	Residence	8.57E-08	0.09	0.00	1.03E-04	1.02E-04	1.02E-04	8.42E-06	1.58E-05	3.31E-04
606732	4122720	9.64E-05	9.60E-05	9.56E-05	4.66E-06	1.57E-05	3.08E-04	Worker	8.02E-08	0.08	0.00	9.64E-05	9.60E-05	9.56E-05	7.58E-06	1.45E-05	3.10E-04
606752	4122720	9.48E-05	9.45E-05	9.41E-05	4.55E-06	1.54E-05	3.03E-04	Worker	7.89E-08	0.08	0.00	9.48E-05	9.45E-05	9.41E-05	7.40E-06	1.42E-05	3.05E-04
606772	4122720	9.35E-05	9.31E-05	9.28E-05	4.45E-06	1.51E-05	2.99E-04	Worker	7.77E-08	0.08	0.00	9.35E-05	9.31E-05	9.28E-05	7.24E-06	1.39E-05	3.01E-04
606792	4122720	9.18E-05	9.15E-05	9.11E-05	4.36E-06	1.48E-05	2.94E-04	Worker	7.63E-08	0.08	0.00	9.18E-05	9.15E-05	9.11E-05	7.09E-06	1.36E-05	2.95E-04
606812	4122720	9.04E-05	9.00E-05	8.96E-05	4.28E-06	1.45E-05	2.89E-04	Worker	7.50E-08	0.08	0.00	9.04E-05	9.00E-05	8.96E-05	6.95E-06	1.33E-05	2.90E-04
606832	4122720	8.92E-05	8.88E-05	8.85E-05	4.20E-06	1.42E-05	2.85E-04	Worker	7.41E-08	0.07	0.00	8.92E-05	8.88E-05	8.85E-05	6.82E-06	1.30E-05	2.86E-04
606852	4122720	8.82E-05	8.78E-05	8.75E-05	4.12E-06	1.39E-05	2.82E-04	Worker	7.32E-08	0.07	0.00	8.82E-05	8.78E-05	8.75E-05	6.70E-06	1.28E-05	2.83E-04
607032	4122720	8.09E-05	8.05E-05	8.01E-05	3.57E-06	1.18E-05	2.57E-04	Worker	6.67E-08	0.07	0.00	8.09E-05	8.05E-05	8.01E-05	5.81E-06	1.08E-05	2.58E-04
605632	4122740	3.10E-04	3.07E-04	3.04E-04	1.73E-05	3.54E-05	9.73E-04	Residence	2.53E-07	0.25	0.00	3.10E-04	3.07E-04	3.04E-04	2.80E-05	3.26E-05	9.81E-04
605652	4122740	3.09E-04	3.05E-04	3.02E-04	1.71E-05	3.52E-05	9.69E-04	Residence	2.52E-07	0.25	0.00	3.09E-04	3.05E-04	3.02E-04	2.78E-05	3.24E-05	9.77E-04
605672	4122740	3.08E-04	3.05E-04	3.02E-04	1.70E-05	3.49E-05	9.67E-04	Residence	2.51E-07	0.25	0.00	3.08E-04	3.05E-04	3.02E-04	2.76E-05	3.21E-05	9.75E-04
605692	4122740	3.07E-04	3.04E-04	3.00E-04	1.68E-05	3.46E-05	9.62E-04	Residence	2.50E-07	0.25	0.00	3.07E-04	3.04E-04	3.00E-04	2.73E-05	3.19E-05	9.70E-04
605712	4122740	3.04E-04	3.01E-04	2.98E-04	1.66E-05	3.43E-05	9.54E-04	Residence	2.48E-07	0.25	0.00	3.04E-04	3.01E-04	2.98E-04	2.69E-05	3.16E-05	9.62E-04
605752	4122740	2.96E-04	2.93E-04	2.90E-04	1.61E-05	3.35E-05	9.29E-04	Residence	2.41E-07	0.24	0.00	2.96E-04	2.93E-04	2.90E-04	2.61E-05	3.08E-05	9.36E-04
605812	4122740	2.85E-04	2.82E-04	2.79E-04	1.53E-05	3.23E-05	8.94E-04	Residence	2.32E-07	0.23	0.00	2.85E-04	2.82E-04	2.79E-04	2.48E-05	2.97E-05	9.01E-04
605872	4122740	2.70E-04	2.67E-04	2.64E-04	1.46E-05	3.11E-05	8.46E-04	Residence	2.20E-07	0.22	0.00	2.70E-04	2.67E-04	2.64E-04	2.36E-05	2.86E-05	8.53E-04
605892	4122740	2.65E-04	2.62E-04	2.59E-04	1.43E-05	3.08E-05	8.30E-04	Residence	2.16E-07	0.22	0.00	2.65E-04	2.62E-04	2.59E-04	2.33E-05	2.83E-05	8.37E-04
605952	4122740	2.49E-04	2.46E-04	2.44E-04	1.37E-05	2.98E-05	7.83E-04	Residence	2.03E-07	0.20	0.00	2.49E-04	2.46E-04	2.44E-04	2.23E-05	2.74E-05	7.89E-04
605972	4122740	2.42E-04	2.40E-04	2.37E-04	1.35E-05	2.95E-05	7.62E-04	Residence	1.98E-07	0.20	0.00	2.42E-04	2.40E-04	2.37E-04	2.20E-05	2.72E-05	7.68E-04
605992	4122740	2.37E-04	2.35E-04	2.33E-04	1.33E-05	2.92E-05	7.47E-04	Residence	1.94E-07	0.19	0.00	2.37E-04	2.35E-04	2.33E-04	2.17E-05	2.69E-05	7.53E-04
606112	4122740	2.05E-04	2.03E-04	2.02E-04	1.17E-05	2.73E-05	6.49E-04	Residence	1.69E-07	0.17	0.00	2.05E-04	2.03E-04	2.02E-04	1.91E-05	2.52E-05	6.54E-04
606132	4122740	1.98E-04	1.97E-04	1.95E-04	1.14E-05	2.70E-05	6.28E-04	Residence	1.63E-07	0.16	0.00	1.98E-04	1.97E-04	1.95E-04	1.85E-05	2.48E-05	6.33E-04
606152	4122740	1.93E-04	1.92E-04	1.90E-04	1.11E-05	2.66E-05	6.13E-04	Residence	1.59E-07	0.16	0.00	1.93E-04	1.92E-04	1.90E-04	1.80E-05	2.45E-05	6.18E-04
606172	4122740	1.89E-04	1.88E-04	1.86E-04	1.07E-05	2.62E-05	6.00E-04	Residence	1.56E-07	0.16	0.00	1.89E-04	1.88E-04	1.86E-04	1.75E-05	2.41E-05	6.05E-04
606192	4122740	1.85E-04	1.84E-04	1.83E-04	1.04E-05	2.58E-05	5.88E-04	Residence	1.53E-07	0.15	0.00	1.85E-04	1.84E-04	1.83E-04	1.69E-05	2.38E-05	5.92E-04
606212	4122740	1.80E-04	1.79E-04	1.78E-04	1.01E-05	2.54E-05	5.73E-04	Residence	1.49E-07	0.15	0.00	1.80E-04	1.79E-04	1.78E-04	1.64E-05	2.34E-05	5.77E-04

606232	4122740	1.76E-04	1.75E-04	1.73E-04	9.75E-06	2.50E-05	5.59E-04	Residence	1.45E-07	0.15	0.00	1.76E-04	1.75E-04	1.73E-04	1.58E-05	2.30E-05	5.63E-04
606252	4122740	1.71E-04	1.69E-04	1.68E-04	9.43E-06	2.46E-05	5.43E-04	Residence	1.41E-07	0.14	0.00	1.71E-04	1.69E-04	1.68E-04	1.53E-05	2.27E-05	5.46E-04
606272	4122740	1.66E-04	1.65E-04	1.64E-04	9.11E-06	2.42E-05	5.28E-04	Residence	1.37E-07	0.14	0.00	1.66E-04	1.65E-04	1.64E-04	1.48E-05	2.23E-05	5.32E-04
606292	4122740	1.61E-04	1.60E-04	1.59E-04	8.81E-06	2.38E-05	5.13E-04	Residence	1.33E-07	0.13	0.00	1.61E-04	1.60E-04	1.59E-04	1.43E-05	2.19E-05	5.17E-04
606312	4122740	1.57E-04	1.56E-04	1.55E-04	8.51E-06	2.34E-05	4.99E-04	Residence	1.30E-07	0.13	0.00	1.57E-04	1.56E-04	1.55E-04	1.38E-05	2.15E-05	5.03E-04
606352	4122740	1.48E-04	1.47E-04	1.47E-04	7.95E-06	2.26E-05	4.73E-04	Residence	1.23E-07	0.12	0.00	1.48E-04	1.47E-04	1.47E-04	1.29E-05	2.08E-05	4.76E-04
606392	4122740	1.41E-04	1.40E-04	1.39E-04	7.44E-06	2.18E-05	4.49E-04	Residence	1.17E-07	0.12	0.00	1.41E-04	1.40E-04	1.39E-04	1.21E-05	2.00E-05	4.52E-04
606412	4122740	1.35E-04	1.34E-04	1.34E-04	7.20E-06	2.13E-05	4.32E-04	Residence	1.12E-07	0.11	0.00	1.35E-04	1.34E-04	1.34E-04	1.17E-05	1.96E-05	4.34E-04
606432	4122740	1.32E-04	1.31E-04	1.30E-04	6.98E-06	2.09E-05	4.21E-04	Residence	1.09E-07	0.11	0.00	1.32E-04	1.31E-04	1.30E-04	1.13E-05	1.93E-05	4.23E-04
606452	4122740	1.28E-04	1.27E-04	1.27E-04	6.77E-06	2.05E-05	4.09E-04	Residence	1.06E-07	0.11	0.00	1.28E-04	1.27E-04	1.27E-04	1.10E-05	1.89E-05	4.11E-04
606472	4122740	1.25E-04	1.24E-04	1.23E-04	6.56E-06	2.01E-05	3.99E-04	Residence	1.04E-07	0.10	0.00	1.25E-04	1.24E-04	1.23E-04	1.07E-05	1.85E-05	4.01E-04
606492	4122740	1.21E-04	1.21E-04	1.20E-04	6.37E-06	1.97E-05	3.89E-04	Residence	1.01E-07	0.10	0.00	1.21E-04	1.21E-04	1.20E-04	1.04E-05	1.82E-05	3.91E-04
606512	4122740	1.17E-04	1.17E-04	1.16E-04	6.18E-06	1.93E-05	3.76E-04	Residence	9.77E-08	0.10	0.00	1.17E-04	1.17E-04	1.16E-04	1.00E-05	1.78E-05	3.78E-04
606532	4122740	1.15E-04	1.14E-04	1.14E-04	6.01E-06	1.89E-05	3.68E-04	Residence	9.57E-08	0.10	0.00	1.15E-04	1.14E-04	1.14E-04	9.76E-06	1.74E-05	3.70E-04
606552	4122740	1.12E-04	1.12E-04	1.11E-04	5.83E-06	1.86E-05	3.59E-04	Residence	9.34E-08	0.09	0.00	1.12E-04	1.12E-04	1.11E-04	9.48E-06	1.71E-05	3.61E-04
606572	4122740	1.09E-04	1.09E-04	1.08E-04	5.67E-06	1.82E-05	3.50E-04	Residence	9.10E-08	0.09	0.00	1.09E-04	1.09E-04	1.08E-04	9.21E-06	1.67E-05	3.52E-04
606592	4122740	1.08E-04	1.08E-04	1.07E-04	5.50E-06	1.78E-05	3.46E-04	Residence	8.99E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	8.94E-06	1.64E-05	3.48E-04
606612	4122740	1.05E-04	1.05E-04	1.04E-04	5.35E-06	1.74E-05	3.37E-04	Residence	8.76E-08	0.09	0.00	1.05E-04	1.05E-04	1.04E-04	8.69E-06	1.60E-05	3.39E-04
606632	4122740	1.03E-04	1.03E-04	1.02E-04	5.19E-06	1.70E-05	3.30E-04	Residence	8.58E-08	0.09	0.00	1.03E-04	1.03E-04	1.02E-04	8.44E-06	1.57E-05	3.32E-04
606732	4122740	9.47E-05	9.43E-05	9.40E-05	4.54E-06	1.53E-05	3.03E-04	Worker	7.87E-08	0.08	0.00	9.47E-05	9.43E-05	9.40E-05	7.38E-06	1.41E-05	3.04E-04
606752	4122740	9.32E-05	9.29E-05	9.25E-05	4.44E-06	1.50E-05	2.98E-04	Worker	7.75E-08	0.08	0.00	9.32E-05	9.29E-05	9.25E-05	7.21E-06	1.38E-05	3.00E-04
606772	4122740	9.19E-05	9.16E-05	9.12E-05	4.34E-06	1.47E-05	2.94E-04	Worker	7.64E-08	0.08	0.00	9.19E-05	9.16E-05	9.12E-05	7.05E-06	1.35E-05	2.95E-04
606792	4122740	9.03E-05	8.99E-05	8.96E-05	4.25E-06	1.44E-05	2.88E-04	Worker	7.50E-08	0.07	0.00	9.03E-05	8.99E-05	8.96E-05	6.90E-06	1.32E-05	2.90E-04
606812	4122740	8.91E-05	8.87E-05	8.84E-05	4.16E-06	1.41E-05	2.84E-04	Worker	7.39E-08	0.07	0.00	8.91E-05	8.87E-05	8.84E-05	6.76E-06	1.30E-05	2.86E-04
606832	4122740	8.81E-05	8.77E-05	8.74E-05	4.08E-06	1.38E-05	2.81E-04	Worker	7.31E-08	0.07	0.00	8.81E-05	8.77E-05	8.74E-05	6.64E-06	1.27E-05	2.83E-04
606952	4122740	8.24E-05	8.19E-05	8.16E-05	3.70E-06	1.23E-05	2.62E-04	Worker	6.81E-08	0.07	0.00	8.24E-05	8.19E-05	8.16E-05	6.01E-06	1.14E-05	2.63E-04
606972	4122740	8.11E-05	8.07E-05	8.03E-05	3.64E-06	1.21E-05	2.58E-04	Worker	6.70E-08	0.07	0.00	8.11E-05	8.07E-05	8.03E-05	5.92E-06	1.11E-05	2.59E-04
606992	4122740	8.09E-05	8.05E-05	8.01E-05	3.59E-06	1.19E-05	2.57E-04	Worker	6.68E-08	0.07	0.00	8.09E-05	8.05E-05	8.01E-05	5.84E-06	1.10E-05	2.58E-04
607012	4122740	8.04E-05	7.99E-05	7.96E-05	3.54E-06	1.17E-05	2.55E-04	Worker	6.63E-08	0.07	0.00	8.04E-05	7.99E-05	7.96E-05	5.75E-06	1.08E-05	2.56E-04
607032	4122740	7.95E-05	7.91E-05	7.87E-05	3.48E-06	1.15E-05	2.52E-04	Worker	6.56E-08	0.07	0.00	7.95E-05	7.91E-05	7.87E-05	5.66E-06	1.06E-05	2.54E-04
607052	4122740	7.89E-05	7.85E-05	7.81E-05	3.43E-06	1.13E-05	2.50E-04	Worker	6.50E-08	0.07	0.00	7.89E-05	7.85E-05	7.81E-05	5.58E-06	1.04E-05	2.51E-04
605632	4122760	3.01E-04	2.98E-04	2.95E-04	1.65E-05	3.39E-05	9.44E-04	Residence	2.45E-07	0.25	0.00	3.01E-04	2.98E-04	2.95E-04	2.68E-05	3.12E-05	9.51E-04
605652	4122760	2.98E-04	2.95E-04	2.92E-04	1.63E-05	3.36E-05	9.35E-04	Residence	2.43E-07	0.24	0.00	2.98E-04	2.95E-04	2.92E-04	2.66E-05	3.10E-05	9.43E-04
605672	4122760	2.98E-04	2.94E-04	2.91E-04	1.62E-05	3.34E-05	9.33E-04	Residence	2.43E-07	0.24	0.00	2.98E-04	2.94E-04	2.91E-04	2.63E-05	3.07E-05	9.40E-04
605692	4122760	2.96E-04	2.93E-04	2.90E-04	1.60E-05	3.31E-05	9.28E-04	Residence	2.41E-07	0.24	0.00	2.96E-04	2.93E-04	2.90E-04	2.60E-05	3.04E-05	9.36E-04
605712	4122760	2.95E-04	2.92E-04	2.89E-04	1.58E-05	3.28E-05	9.24E-04	Residence	2.40E-07	0.24	0.00	2.95E-04	2.92E-04	2.89E-04	2.56E-05	3.01E-05	9.32E-04
605752	4122760	2.86E-04	2.83E-04	2.80E-04	1.53E-05	3.20E-05	8.96E-04	Residence	2.33E-07	0.23	0.00	2.86E-04	2.83E-04	2.80E-04	2.48E-05	2.94E-05	9.03E-04
605772	4122760	2.83E-04	2.80E-04	2.77E-04	1.50E-05	3.16E-05	8.87E-04	Residence	2.31E-07	0.23	0.00	2.83E-04	2.80E-04	2.77E-04	2.44E-05	2.91E-05	8.94E-04
605812	4122760	2.75E-04	2.72E-04	2.69E-04	1.45E-05	3.08E-05	8.62E-04	Residence	2.24E-07	0.22	0.00	2.75E-04	2.72E-04	2.69E-04	2.36E-05	2.84E-05	8.69E-04
605832	4122760	2.71E-04	2.68E-04	2.65E-04	1.43E-05	3.05E-05	8.48E-04	Residence	2.20E-07	0.22	0.00	2.71E-04	2.68E-04	2.65E-04	2.33E-05	2.80E-05	8.54E-04
605872	4122760	2.61E-04	2.58E-04	2.55E-04	1.39E-05	2.98E-05	8.18E-04	Residence	2.13E-07	0.21	0.00	2.61E-04	2.58E-04	2.55E-04	2.26E-05	2.74E-05	8.24E-04
605892	4122760	2.56E-04	2.53E-04	2.50E-04	1.37E-05	2.94E-05	8.02E-04	Residence	2.09E-07	0.21	0.00	2.56E-04	2.53E-04	2.50E-04	2.23E-05	2.71E-05	8.09E-04
605912	4122760	2.51E-04	2.48E-04	2.46E-04	1.35E-05	2.91E-05	7.87E-04	Residence	2.05E-07	0.20	0.00	2.51E-04	2.48E-04	2.46E-04	2.20E-05	2.68E-05	7.93E-04
605952	4122760	2.41E-04	2.39E-04	2.36E-04	1.31E-05	2.86E-05	7.58E-04	Residence	1.97E-07	0.20	0.00	2.41E-04	2.39E-04	2.36E-04	2.14E-05	2.63E-05	7.64E-04
605972	4122760	2.34E-04	2.32E-04	2.30E-04	1.30E-05	2.83E-05	7.38E-04	Residence	1.92E-07	0.19	0.00	2.34E-04	2.32E-04	2.30E-04	2.11E-05	2.60E-05	7.44E-04
605992	4122760	2.29E-04	2.27E-04	2.25E-04	1.28E-05	2.80E-05	7.23E-04	Residence	1.88E-07	0.19	0.00	2.29E-04	2.27E-04	2.25E-04	2.07E-05	2.58E-05	7.29E-04
606112	4122760	1.99E-04	1.98E-04	1.96E-04	1.12E-05	2.62E-05	6.31E-04	Residence	1.64E-07	0.16	0.00	1.99E-04	1.98E-04	1.96E-04	1.82E-05	2.41E-05	6.36E-04
606132	4122760	1.93E-04	1.91E-04	1.90E-04	1.09E-05	2.59E-05	6.11E-04	Residence	1.59E-07	0.16	0.00	1.93E-04	1.91E-04	1.90E-04	1.77E-05	2.38E-05	6.16E-04
606152	4122760	1.89E-04	1.87E-04	1.86E-04	1.06E-05	2.55E-05	5.98E-04	Residence	1.55E-07	0.16	0.00	1.89E-04	1.87E-04	1.86E-04	1.72E-05	2.35E-05	6.03E-04
606172	4122760	1.84E-04	1.83E-04	1.82E-04	1.03E-05	2.52E-05	5.85E-04	Residence	1.52E-07	0.15	0.00	1.84E-04	1.83E-04	1.82E-04	1.67E-05	2.32E-05	5.89E-04
606192	4122760	1.80E-04	1.79E-04	1.78E-04	9.99E-06	2.48E-05	5.71E-04	Residence	1.49E-07	0.15	0.00	1.80E-04	1.79E-04	1.78E-04	1.62E-05	2.28E-05	5.76E-04
606212	4122760	1.76E-04	1.74E-04	1.73E-04	9.68E-06	2.45E-05	5.57E-04	Residence	1.45E-07	0.14	0.00	1.76E-04	1.74E-04	1.73E-04	1.57E-05	2.25E-05	5.61E-04
606232	4122760	1.71E-04	1.70E-04	1.69E-04	9.37E-06	2.41E-05	5.43E-04	Residence	1.41E-07	0.14	0.00	1.71E-04	1.70E-04	1.69E-04	1.52E-05	2.21E-05	5.47E-04
606252	4122760	1.66E-04	1.65E-04	1.64E-04	9.07E-06	2.37E-05	5.29E-04	Residence	1.37E-07	0.14	0.00	1.66E-04	1.65E-04	1.64E-04	1.47E-05	2.18E-05	5.33E-04
606272	4122760	1.62E-04	1.61E-04	1.60E-04	8.77E-06	2.33E-05	5.16E-04	Residence	1.34E-07	0.13	0.00	1.62E-04	1.61E-04	1.60E-04	1.43E-05	2.14E-05	5.19E-04
606292	4122760	1.57E-04	1.56E-04	1.55E-04	8.48E-06	2.29E-05	5.01E-04	Residence	1.30E-07	0.13	0.00	1.57E-04	1.56E-04	1.55E-04	1.38E-05	2.11E-05	5.04E-04
606312	4122760	1.54E-04	1.53E-04	1.52E-04	8.21E-06	2.25E-05	4.89E-04	Residence	1.27E-07	0.13	0.00	1.54E-04	1.53E-04	1.52E-04	1.33E-05	2.07E-05	4.93E-04
606352	4122760	1.46E-04	1.45E-04	1.44E-04	7.68E-06	2.18E-05	4.64E-04	Residence	1.20E-07	0.12	0.00	1.46E-04	1.45E-04	1.44E-04	1.25E-05	2.00E-05	4.67E-04
606392	4122760	1.38E-04	1.37E-04	1.36E-04	7.19E-06	2.10E-05	4.39E-04	Residence	1.14E-07	0.11	0.00	1.38E-04	1.37E-04	1.36E-04	1.17E-05	1.93E-05	4.42E-04
606412	4122760	1.33E-04	1.32E-04	1.32E-04	6.97E-06	2.06E-05	4.24E-04	Residence	1.10E-07	0.11	0.00	1.33E-04	1.32E-04	1.32E-04	1.13E-05	1.89E-05	4.27E-04
606432	4122760	1.29E-04	1.29E-04	1.28E-04	6.76E-06	2.02E-05	4.14E-04	Residence	1.08E-07	0.11	0.00	1.29E-04	1.29E-04	1.28E-04	1.10E-05	1.86E-05	4.16E-04
606452	4122760	1.26E-04	1.26E-04	1.25E-04	6.55E-06	1.98E-05	4.03E-04	Residence	1.05E-07	0.10	0.00	1.26E-04	1.26E-04	1.25E-04	1.07E-05	1.83E-05	4.05E-04
606472	4122760	1.23E-04	1.22E-04	1.21E-04	6.36E-06	1.95E-05	3.92E-04	Residence	1.02E-07	0.10	0.00	1.23E-04	1.22E-04	1.21E-04	1.03E-05	1.79E-05	3.94E-04
606492	4122760	1.19E-04	1.19E-04	1.18E-04	6.18E-06	1.91E-05	3.82E-04	Residence	9.93E-08	0.10	0.00	1.19E-04	1.19E-04	1.18E-04	1.00E-05	1.76E-05	3.84E-04
606512	4122760	1.15E-04	1.15E-04	1.15E-04	6.00E-06	1.87E-05	3.70E-04	Residence	9.61E-08	0.10	0.00	1.15E-04	1.15E-04	1.15E-04	9.75E-06	1.72E-05	3.72E-04
606532	4122760	1.13E-04	1.13E-04	1.12E-04	5.83E-06	1.83E-05	3.62E-04	Residence	9.41E-08	0.09	0.00	1.13E-04	1.13E-04	1.12E-04	9.48E-06	1.69E-05	3.64E-04
606552	4122760	1.10E-04	1.10E-04	1.09E-04	5.67E-06	1.80E-05	3.53E-04	Residence	9.18E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	9.21E-06	1.65E-05	3.55E-04
606572	4122760	1.08E-04	1.08E-04	1.07E-04	5.51E-06	1.76E-05	3.47E-04	Residence	9.01E-08	0.09	0.00	1.08E-04	1.08E-04	1.07E-04	8.96E-06	1.62E-05	3.49E-04
606592	4122760	1.07E-04	1.06E-04	1.06E-04	5.36E-06	1.73E-05	3.41E-04	Residence	8.87E-08	0.09	0.00	1.07E-04	1.06E-04	1.06E-04	8.71E-06	1.59E-05	3.43E-04
606612	4122760	1.04E-04	1.04E-04	1.03E-04	5.21E-06	1.69E-05	3.33E-04	Residence	8.65E-08	0.09	0.00	1.04E-04	1.04E-04	1.03E-04	8.46E-06	1.56E-05	3.35E-04
606732	4122760	9.33E-05	9.30E-05	9.26E-05	4.43E-06	1.49E-05	2.98E-04	Worker	7.75E-08	0.08	0.00	9.33E-05	9.30E-05	9.26E-05	7.20E-06	1.37E-05	3.00E-04
606752	4122760	9.20E-05	9.16E-05	9.13E-05	4.33E-06	1.46E-05	2.94E-04	Worker	7.64E-08	0.08	0.00	9.20E-05	9.16E-05	9.13E-05	7.03E-06	1.34E-05	2.95E-04
606772	4122760	9.06E-05	9.02E-05	8.99E-05	4.23E-06	1.43E-05	2.89E-04	Worker	7.52E-08	0.08	0.00	9.06E-05	9.02E-05	8.99E-05	6.87E-06	1.32E-05	2.91E-04

606792	4122760	8.91E-05	8.87E-05	8.84E-05	4.14E-06	1.40E-05	2.84E-04	Worker	7.39E-08	0.07	0.00	8.91E-05	8.87E-05	8.84E-05	6.73E-06	1.29E-05	2.86E-04
606812	4122760	8.80E-05	8.76E-05	8.73E-05	4.06E-06	1.37E-05	2.81E-04	Worker	7.30E-08	0.07	0.00	8.80E-05	8.76E-05	8.73E-05	6.59E-06	1.26E-05	2.82E-04
606952	4122760	8.09E-05	8.05E-05	8.01E-05	3.60E-06	1.21E-05	2.57E-04	Worker	6.68E-08	0.07	0.00	8.09E-05	8.05E-05	8.01E-05	5.86E-06	1.11E-05	2.58E-04
606972	4122760	8.00E-05	7.96E-05	7.92E-05	3.55E-06	1.18E-05	2.54E-04	Worker	6.61E-08	0.07	0.00	8.00E-05	7.96E-05	7.92E-05	5.77E-06	1.09E-05	2.55E-04
606992	4122760	7.94E-05	7.90E-05	7.86E-05	3.50E-06	1.16E-05	2.52E-04	Worker	6.55E-08	0.07	0.00	7.94E-05	7.90E-05	7.86E-05	5.69E-06	1.07E-05	2.53E-04
607012	4122760	7.87E-05	7.82E-05	7.79E-05	3.45E-06	1.14E-05	2.50E-04	Worker	6.49E-08	0.06	0.00	7.87E-05	7.82E-05	7.79E-05	5.60E-06	1.05E-05	2.51E-04
607032	4122760	7.79E-05	7.75E-05	7.71E-05	3.40E-06	1.12E-05	2.47E-04	Worker	6.42E-08	0.06	0.00	7.79E-05	7.75E-05	7.71E-05	5.52E-06	1.03E-05	2.48E-04
607052	4122760	7.68E-05	7.64E-05	7.60E-05	3.35E-06	1.10E-05	2.44E-04	Worker	6.33E-08	0.06	0.00	7.68E-05	7.64E-05	7.60E-05	5.44E-06	1.02E-05	2.45E-04
605632	4122780	2.94E-04	2.91E-04	2.88E-04	1.58E-05	3.25E-05	9.22E-04	Residence	2.40E-07	0.24	0.00	2.94E-04	2.91E-04	2.88E-04	2.56E-05	2.99E-05	9.29E-04
605652	4122780	2.90E-04	2.87E-04	2.84E-04	1.56E-05	3.22E-05	9.10E-04	Residence	2.36E-07	0.24	0.00	2.90E-04	2.87E-04	2.84E-04	2.54E-05	2.96E-05	9.17E-04
605672	4122780	2.88E-04	2.85E-04	2.82E-04	1.54E-05	3.19E-05	9.03E-04	Residence	2.35E-07	0.23	0.00	2.88E-04	2.85E-04	2.82E-04	2.51E-05	2.94E-05	9.10E-04
605692	4122780	2.87E-04	2.84E-04	2.81E-04	1.52E-05	3.16E-05	9.00E-04	Residence	2.34E-07	0.23	0.00	2.87E-04	2.84E-04	2.81E-04	2.48E-05	2.91E-05	9.07E-04
605712	4122780	2.86E-04	2.83E-04	2.80E-04	1.50E-05	3.13E-05	8.95E-04	Residence	2.33E-07	0.23	0.00	2.86E-04	2.83E-04	2.80E-04	2.44E-05	2.88E-05	9.02E-04
605752	4122780	2.76E-04	2.73E-04	2.70E-04	1.46E-05	3.06E-05	8.65E-04	Residence	2.25E-07	0.22	0.00	2.76E-04	2.73E-04	2.70E-04	2.37E-05	2.81E-05	8.71E-04
605772	4122780	2.74E-04	2.71E-04	2.68E-04	1.43E-05	3.02E-05	8.58E-04	Residence	2.23E-07	0.22	0.00	2.74E-04	2.71E-04	2.68E-04	2.33E-05	2.78E-05	8.64E-04
605792	4122780	2.70E-04	2.67E-04	2.64E-04	1.41E-05	2.98E-05	8.45E-04	Residence	2.20E-07	0.22	0.00	2.70E-04	2.67E-04	2.64E-04	2.29E-05	2.75E-05	8.52E-04
605812	4122780	2.66E-04	2.63E-04	2.60E-04	1.39E-05	2.95E-05	8.32E-04	Residence	2.16E-07	0.22	0.00	2.66E-04	2.63E-04	2.60E-04	2.26E-05	2.71E-05	8.38E-04
605872	4122780	2.52E-04	2.50E-04	2.47E-04	1.33E-05	2.85E-05	7.90E-04	Residence	2.05E-07	0.21	0.00	2.52E-04	2.50E-04	2.47E-04	2.16E-05	2.62E-05	7.96E-04
605892	4122780	2.47E-04	2.45E-04	2.42E-04	1.31E-05	2.82E-05	7.76E-04	Residence	2.02E-07	0.20	0.00	2.47E-04	2.45E-04	2.42E-04	2.13E-05	2.59E-05	7.82E-04
605912	4122780	2.43E-04	2.40E-04	2.38E-04	1.29E-05	2.79E-05	7.62E-04	Residence	1.98E-07	0.20	0.00	2.43E-04	2.40E-04	2.38E-04	2.10E-05	2.57E-05	7.67E-04
605952	4122780	2.34E-04	2.31E-04	2.29E-04	1.26E-05	2.74E-05	7.34E-04	Residence	1.91E-07	0.19	0.00	2.34E-04	2.31E-04	2.29E-04	2.05E-05	2.52E-05	7.39E-04
605992	4122780	2.22E-04	2.20E-04	2.19E-04	1.22E-05	2.69E-05	7.00E-04	Residence	1.82E-07	0.18	0.00	2.22E-04	2.20E-04	2.19E-04	1.99E-05	2.47E-05	7.06E-04
606112	4122780	1.94E-04	1.92E-04	1.91E-04	1.08E-05	2.52E-05	6.12E-04	Residence	1.59E-07	0.16	0.00	1.94E-04	1.92E-04	1.91E-04	1.75E-05	2.32E-05	6.17E-04
606132	4122780	1.88E-04	1.87E-04	1.85E-04	1.05E-05	2.49E-05	5.96E-04	Residence	1.55E-07	0.15	0.00	1.88E-04	1.87E-04	1.85E-04	1.70E-05	2.29E-05	6.00E-04
606152	4122780	1.84E-04	1.83E-04	1.82E-04	1.02E-05	2.45E-05	5.84E-04	Residence	1.52E-07	0.15	0.00	1.84E-04	1.83E-04	1.82E-04	1.66E-05	2.26E-05	5.88E-04
606172	4122780	1.80E-04	1.79E-04	1.78E-04	9.89E-06	2.42E-05	5.71E-04	Residence	1.48E-07	0.15	0.00	1.80E-04	1.79E-04	1.78E-04	1.61E-05	2.23E-05	5.75E-04
606192	4122780	1.76E-04	1.74E-04	1.73E-04	9.60E-06	2.39E-05	5.57E-04	Residence	1.45E-07	0.14	0.00	1.76E-04	1.74E-04	1.73E-04	1.56E-05	2.20E-05	5.61E-04
606212	4122780	1.72E-04	1.70E-04	1.69E-04	9.31E-06	2.35E-05	5.44E-04	Residence	1.41E-07	0.14	0.00	1.72E-04	1.70E-04	1.69E-04	1.51E-05	2.16E-05	5.48E-04
606232	4122780	1.67E-04	1.66E-04	1.65E-04	9.02E-06	2.32E-05	5.30E-04	Residence	1.38E-07	0.14	0.00	1.67E-04	1.66E-04	1.65E-04	1.46E-05	2.13E-05	5.34E-04
606252	4122780	1.63E-04	1.62E-04	1.61E-04	8.73E-06	2.28E-05	5.16E-04	Residence	1.34E-07	0.13	0.00	1.63E-04	1.62E-04	1.61E-04	1.42E-05	2.10E-05	5.20E-04
606272	4122780	1.59E-04	1.58E-04	1.57E-04	8.45E-06	2.24E-05	5.04E-04	Residence	1.31E-07	0.13	0.00	1.59E-04	1.58E-04	1.57E-04	1.37E-05	2.06E-05	5.07E-04
606292	4122780	1.55E-04	1.54E-04	1.53E-04	8.18E-06	2.21E-05	4.91E-04	Residence	1.28E-07	0.13	0.00	1.55E-04	1.54E-04	1.53E-04	1.33E-05	2.03E-05	4.95E-04
606312	4122780	1.51E-04	1.50E-04	1.49E-04	7.92E-06	2.17E-05	4.79E-04	Residence	1.24E-07	0.12	0.00	1.51E-04	1.50E-04	1.49E-04	1.29E-05	2.00E-05	4.82E-04
606352	4122780	1.42E-04	1.42E-04	1.41E-04	7.42E-06	2.10E-05	4.53E-04	Residence	1.18E-07	0.12	0.00	1.42E-04	1.42E-04	1.41E-04	1.21E-05	1.93E-05	4.56E-04
606372	4122780	1.39E-04	1.38E-04	1.37E-04	7.18E-06	2.06E-05	4.42E-04	Residence	1.15E-07	0.11	0.00	1.39E-04	1.38E-04	1.37E-04	1.17E-05	1.90E-05	4.45E-04
606392	4122780	1.35E-04	1.34E-04	1.34E-04	6.96E-06	2.03E-05	4.30E-04	Residence	1.12E-07	0.11	0.00	1.35E-04	1.34E-04	1.34E-04	1.13E-05	1.86E-05	4.33E-04
606412	4122780	1.31E-04	1.31E-04	1.30E-04	6.75E-06	1.99E-05	4.18E-04	Residence	1.09E-07	0.11	0.00	1.31E-04	1.31E-04	1.30E-04	1.10E-05	1.83E-05	4.21E-04
606432	4122780	1.28E-04	1.27E-04	1.26E-04	6.54E-06	1.95E-05	4.07E-04	Residence	1.06E-07	0.11	0.00	1.28E-04	1.27E-04	1.26E-04	1.06E-05	1.80E-05	4.09E-04
606452	4122780	1.24E-04	1.24E-04	1.23E-04	6.35E-06	1.92E-05	3.96E-04	Residence	1.03E-07	0.10	0.00	1.24E-04	1.24E-04	1.23E-04	1.03E-05	1.77E-05	3.98E-04
606472	4122780	1.21E-04	1.20E-04	1.20E-04	6.17E-06	1.88E-05	3.85E-04	Residence	1.00E-07	0.10	0.00	1.21E-04	1.20E-04	1.20E-04	1.00E-05	1.73E-05	3.88E-04
606492	4122780	1.18E-04	1.17E-04	1.17E-04	6.00E-06	1.85E-05	3.76E-04	Residence	9.77E-08	0.10	0.00	1.18E-04	1.17E-04	1.17E-04	9.74E-06	1.70E-05	3.78E-04
606512	4122780	1.14E-04	1.14E-04	1.13E-04	5.83E-06	1.81E-05	3.65E-04	Residence	9.49E-08	0.09	0.00	1.14E-04	1.14E-04	1.13E-04	9.47E-06	1.67E-05	3.67E-04
606532	4122780	1.12E-04	1.11E-04	1.11E-04	5.67E-06	1.78E-05	3.57E-04	Residence	9.29E-08	0.09	0.00	1.12E-04	1.11E-04	1.11E-04	9.21E-06	1.64E-05	3.59E-04
606552	4122780	1.09E-04	1.09E-04	1.08E-04	5.51E-06	1.74E-05	3.49E-04	Residence	9.08E-08	0.09	0.00	1.09E-04	1.09E-04	1.08E-04	8.96E-06	1.60E-05	3.52E-04
606572	4122780	1.07E-04	1.06E-04	1.06E-04	5.36E-06	1.71E-05	3.41E-04	Residence	8.87E-08	0.09	0.00	1.07E-04	1.06E-04	1.06E-04	8.71E-06	1.57E-05	3.43E-04
606592	4122780	1.05E-04	1.04E-04	1.04E-04	5.21E-06	1.68E-05	3.34E-04	Residence	8.69E-08	0.09	0.00	1.05E-04	1.04E-04	1.04E-04	8.47E-06	1.54E-05	3.36E-04
606852	4122780	8.34E-05	8.30E-05	8.27E-05	3.81E-06	1.29E-05	2.66E-04	Worker	6.91E-08	0.07	0.00	8.34E-05	8.30E-05	8.27E-05	6.18E-06	1.19E-05	2.67E-04
606872	4122780	8.18E-05	8.14E-05	8.11E-05	3.74E-06	1.27E-05	2.61E-04	Worker	6.78E-08	0.07	0.00	8.18E-05	8.14E-05	8.11E-05	6.08E-06	1.16E-05	2.62E-04
606892	4122780	8.07E-05	8.03E-05	8.00E-05	3.68E-06	1.24E-05	2.57E-04	Worker	6.68E-08	0.07	0.00	8.07E-05	8.03E-05	8.00E-05	5.98E-06	1.14E-05	2.58E-04
606912	4122780	8.06E-05	8.02E-05	7.99E-05	3.62E-06	1.22E-05	2.56E-04	Worker	6.67E-08	0.07	0.00	8.06E-05	8.02E-05	7.99E-05	5.88E-06	1.12E-05	2.58E-04
606932	4122780	8.01E-05	7.98E-05	7.94E-05	3.57E-06	1.20E-05	2.55E-04	Worker	6.62E-08	0.07	0.00	8.01E-05	7.98E-05	7.94E-05	5.79E-06	1.10E-05	2.56E-04
606952	4122780	7.94E-05	7.90E-05	7.87E-05	3.51E-06	1.18E-05	2.52E-04	Worker	6.56E-08	0.07	0.00	7.94E-05	7.90E-05	7.87E-05	5.71E-06	1.08E-05	2.54E-04
606972	4122780	7.84E-05	7.81E-05	7.77E-05	3.46E-06	1.16E-05	2.49E-04	Worker	6.48E-08	0.06	0.00	7.84E-05	7.81E-05	7.77E-05	5.62E-06	1.06E-05	2.50E-04
606992	4122780	7.76E-05	7.72E-05	7.68E-05	3.41E-06	1.14E-05	2.46E-04	Worker	6.40E-08	0.06	0.00	7.76E-05	7.72E-05	7.68E-05	5.54E-06	1.05E-05	2.48E-04
607012	4122780	7.67E-05	7.63E-05	7.60E-05	3.36E-06	1.12E-05	2.44E-04	Worker	6.33E-08	0.06	0.00	7.67E-05	7.63E-05	7.60E-05	5.46E-06	1.03E-05	2.45E-04
607032	4122780	7.59E-05	7.55E-05	7.52E-05	3.31E-06	1.10E-05	2.41E-04	Worker	6.26E-08	0.06	0.00	7.59E-05	7.55E-05	7.52E-05	5.39E-06	1.01E-05	2.42E-04
607052	4122780	7.52E-05	7.48E-05	7.45E-05	3.27E-06	1.08E-05	2.39E-04	Worker	6.20E-08	0.06	0.00	7.52E-05	7.48E-05	7.45E-05	5.31E-06	9.94E-06	2.40E-04
605632	4122800	2.86E-04	2.83E-04	2.80E-04	1.51E-05	3.11E-05	8.95E-04	Residence	2.33E-07	0.23	0.00	2.86E-04	2.83E-04	2.80E-04	2.45E-05	2.86E-05	9.02E-04
605652	4122800	2.83E-04	2.80E-04	2.77E-04	1.49E-05	3.08E-05	8.85E-04	Residence	2.30E-07	0.23	0.00	2.83E-04	2.80E-04	2.77E-04	2.43E-05	2.84E-05	8.92E-04
605672	4122800	2.79E-04	2.76E-04	2.73E-04	1.47E-05	3.05E-05	8.73E-04	Residence	2.27E-07	0.23	0.00	2.79E-04	2.76E-04	2.73E-04	2.40E-05	2.81E-05	8.80E-04
605692	4122800	2.78E-04	2.75E-04	2.72E-04	1.46E-05	3.03E-05	8.71E-04	Residence	2.26E-07	0.23	0.00	2.78E-04	2.75E-04	2.72E-04	2.36E-05	2.78E-05	8.77E-04
605712	4122800	2.76E-04	2.73E-04	2.70E-04	1.43E-05	2.99E-05	8.64E-04	Residence	2.25E-07	0.22	0.00	2.76E-04	2.73E-04	2.70E-04	2.33E-05	2.75E-05	8.71E-04
605732	4122800	2.72E-04	2.69E-04	2.67E-04	1.41E-05	2.96E-05	8.52E-04	Residence	2.22E-07	0.22	0.00	2.72E-04	2.69E-04	2.67E-04	2.30E-05	2.72E-05	8.59E-04
605772	4122800	2.65E-04	2.62E-04	2.59E-04	1.37E-05	2.89E-05	8.28E-04	Residence	2.15E-07	0.22	0.00	2.65E-04	2.62E-04	2.59E-04	2.22E-05	2.66E-05	8.34E-04
605872	4122800	2.44E-04	2.41E-04	2.39E-04	1.27E-05	2.73E-05	7.65E-04	Residence	1.99E-07	0.20	0.00	2.44E-04	2.41E-04	2.39E-04	2.07E-05	2.51E-05	7.70E-04
605892	4122800	2.39E-04	2.37E-04	2.35E-04	1.25E-05	2.70E-05	7.51E-04	Residence	1.95E-07	0.20	0.00	2.39E-04	2.37E-04	2.35E-04	2.04E-05	2.49E-05	7.57E-04
605912	4122800	2.35E-04	2.33E-04	2.30E-04	1.24E-05	2.68E-05	7.37E-04	Residence	1.92E-07	0.19	0.00	2.35E-04	2.33E-04	2.30E-04	2.01E-05	2.46E-05	7.43E-04
605952	4122800	2.26E-04	2.24E-04	2.22E-04	1.21E-05	2.63E-05	7.11E-04	Residence	1.85E-07	0.18	0.00	2.26E-04	2.24E-04	2.22E-04	1.96E-05	2.42E-05	7.17E-04
605992	4122800	2.16E-04	2.14E-04	2.12E-04	1.17E-05	2.58E-05	6.80E-04	Residence	1.77E-07	0.18	0.00	2.16E-04	2.14E-04	2.12E-04	1.90E-05	2.37E-05	6.85E-04
606032	4122800	2.08E-04	2.06E-04	2.04E-04	1.13E-05	2.53E-05	6.55E-04	Residence	1.70E-07	0.17	0.00	2.08E-04	2.06E-04	2.04E-04	1.84E-05	2.33E-05	6.60E-04
606112	4122800	1.89E-04	1.87E-04	1.86E-04	1.03E-05	2.42E-05	5.96E-04	Residence	1.55E-07	0.15	0.00	1.89E-04	1.87E-04	1.86E-04	1.68E-05	2.23E-05	6.01E-04
606352	4122800	1.40E-04	1.39E-04	1.39E-04	7.18E-06	2.03E-05	4.46E-04	Residence	1.16E-07	0.12	0.00	1.40E-04	1.39E-04	1.39E-04	1.17E-05	1.86E-05	4.49E-04
606372	4122800	1.37E-04	1.36E-04	1.36E-04	6.95E-06	1.99E-05	4.36E-04	Residence	1.13E-07	0.11	0.00	1.37E-04	1.36E-04	1.36E-04	1.13E-05	1.83E-05	4.38E-04

606392	4122800	1.33E-04	1.32E-04	1.31E-04	6.74E-06	1.96E-05	4.22E-04	Residence	1.10E-07	0.11	0.00	1.33E-04	1.32E-04	1.31E-04	1.10E-05	1.80E-05	4.25E-04
606412	4122800	1.29E-04	1.28E-04	1.28E-04	6.54E-06	1.92E-05	4.10E-04	Residence	1.07E-07	0.11	0.00	1.29E-04	1.28E-04	1.28E-04	1.06E-05	1.77E-05	4.13E-04
606432	4122800	1.25E-04	1.25E-04	1.24E-04	6.34E-06	1.89E-05	4.00E-04	Residence	1.04E-07	0.10	0.00	1.25E-04	1.25E-04	1.24E-04	1.03E-05	1.74E-05	4.02E-04
606452	4122800	1.22E-04	1.22E-04	1.21E-04	6.16E-06	1.86E-05	3.89E-04	Residence	1.01E-07	0.10	0.00	1.22E-04	1.22E-04	1.21E-04	1.00E-05	1.71E-05	3.92E-04
606472	4122800	1.19E-04	1.18E-04	1.18E-04	5.99E-06	1.82E-05	3.79E-04	Residence	9.85E-08	0.10	0.00	1.19E-04	1.18E-04	1.18E-04	9.73E-06	1.68E-05	3.81E-04
606492	4122800	1.16E-04	1.16E-04	1.15E-04	5.82E-06	1.79E-05	3.70E-04	Residence	9.62E-08	0.10	0.00	1.16E-04	1.16E-04	1.15E-04	9.46E-06	1.65E-05	3.72E-04
606512	4122800	1.13E-04	1.12E-04	1.12E-04	5.66E-06	1.76E-05	3.59E-04	Residence	9.34E-08	0.09	0.00	1.13E-04	1.12E-04	1.12E-04	9.20E-06	1.62E-05	3.62E-04
606532	4122800	1.10E-04	1.10E-04	1.09E-04	5.51E-06	1.72E-05	3.52E-04	Residence	9.16E-08	0.09	0.00	1.10E-04	1.10E-04	1.09E-04	8.96E-06	1.59E-05	3.54E-04
606552	4122800	1.08E-04	1.07E-04	1.07E-04	5.36E-06	1.69E-05	3.45E-04	Residence	8.95E-08	0.09	0.00	1.08E-04	1.07E-04	1.07E-04	8.72E-06	1.56E-05	3.47E-04
606572	4122800	1.05E-04	1.05E-04	1.05E-04	5.22E-06	1.66E-05	3.37E-04	Residence	8.76E-08	0.09	0.00	1.05E-04	1.05E-04	1.05E-04	8.48E-06	1.53E-05	3.39E-04
606672	4122800	9.38E-05	9.35E-05	9.32E-05	4.56E-06	1.50E-05	3.00E-04	Worker	7.80E-08	0.08	0.00	9.38E-05	9.35E-05	9.32E-05	7.41E-06	1.38E-05	3.02E-04
606692	4122800	9.20E-05	9.17E-05	9.13E-05	4.44E-06	1.47E-05	2.94E-04	Worker	7.65E-08	0.08	0.00	9.20E-05	9.17E-05	9.13E-05	7.21E-06	1.35E-05	2.96E-04
606712	4122800	9.06E-05	9.03E-05	8.99E-05	4.33E-06	1.44E-05	2.90E-04	Worker	7.53E-08	0.08	0.00	9.06E-05	9.03E-05	8.99E-05	7.03E-06	1.33E-05	2.91E-04
606732	4122800	8.92E-05	8.89E-05	8.86E-05	4.22E-06	1.41E-05	2.85E-04	Worker	7.41E-08	0.07	0.00	8.92E-05	8.89E-05	8.86E-05	6.86E-06	1.30E-05	2.87E-04
606752	4122800	8.83E-05	8.79E-05	8.76E-05	4.12E-06	1.39E-05	2.82E-04	Worker	7.33E-08	0.07	0.00	8.83E-05	8.79E-05	8.76E-05	6.69E-06	1.28E-05	2.83E-04
606852	4122800	8.14E-05	8.11E-05	8.08E-05	3.71E-06	1.26E-05	2.60E-04	Worker	6.75E-08	0.07	0.00	8.14E-05	8.11E-05	8.08E-05	6.03E-06	1.16E-05	2.61E-04
606872	4122800	8.04E-05	8.00E-05	7.97E-05	3.65E-06	1.24E-05	2.56E-04	Worker	6.66E-08	0.07	0.00	8.04E-05	8.00E-05	7.97E-05	5.92E-06	1.14E-05	2.57E-04
606892	4122800	7.96E-05	7.92E-05	7.89E-05	3.59E-06	1.21E-05	2.53E-04	Worker	6.59E-08	0.07	0.00	7.96E-05	7.92E-05	7.89E-05	5.83E-06	1.12E-05	2.55E-04
606912	4122800	7.94E-05	7.90E-05	7.87E-05	3.53E-06	1.19E-05	2.53E-04	Worker	6.57E-08	0.07	0.00	7.94E-05	7.90E-05	7.87E-05	5.73E-06	1.10E-05	2.54E-04
606932	4122800	7.87E-05	7.83E-05	7.80E-05	3.48E-06	1.17E-05	2.50E-04	Worker	6.50E-08	0.07	0.00	7.87E-05	7.83E-05	7.80E-05	5.65E-06	1.08E-05	2.51E-04
606952	4122800	7.77E-05	7.74E-05	7.70E-05	3.42E-06	1.15E-05	2.47E-04	Worker	6.42E-08	0.06	0.00	7.77E-05	7.74E-05	7.70E-05	5.56E-06	1.06E-05	2.48E-04
606972	4122800	7.70E-05	7.66E-05	7.63E-05	3.37E-06	1.13E-05	2.45E-04	Worker	6.36E-08	0.06	0.00	7.70E-05	7.66E-05	7.63E-05	5.48E-06	1.04E-05	2.46E-04
606992	4122800	7.61E-05	7.57E-05	7.54E-05	3.33E-06	1.11E-05	2.42E-04	Worker	6.28E-08	0.06	0.00	7.61E-05	7.57E-05	7.54E-05	5.41E-06	1.02E-05	2.43E-04
607012	4122800	7.52E-05	7.48E-05	7.45E-05	3.28E-06	1.09E-05	2.39E-04	Worker	6.21E-08	0.06	0.00	7.52E-05	7.48E-05	7.45E-05	5.33E-06	1.01E-05	2.40E-04
607032	4122800	7.44E-05	7.40E-05	7.37E-05	3.23E-06	1.07E-05	2.36E-04	Worker	6.14E-08	0.06	0.00	7.44E-05	7.40E-05	7.37E-05	5.25E-06	9.89E-06	2.37E-04
607052	4122800	7.36E-05	7.32E-05	7.29E-05	3.19E-06	1.06E-05	2.34E-04	Worker	6.07E-08	0.06	0.00	7.36E-05	7.32E-05	7.29E-05	5.18E-06	9.73E-06	2.35E-04
605632	4122820	2.78E-04	2.75E-04	2.72E-04	1.44E-05	2.98E-05	8.69E-04	Residence	2.26E-07	0.23	0.00	2.78E-04	2.75E-04	2.72E-04	2.35E-05	2.74E-05	8.76E-04
605652	4122820	2.75E-04	2.72E-04	2.69E-04	1.43E-05	2.96E-05	8.60E-04	Residence	2.24E-07	0.22	0.00	2.75E-04	2.72E-04	2.69E-04	2.32E-05	2.72E-05	8.67E-04
605672	4122820	2.70E-04	2.68E-04	2.65E-04	1.41E-05	2.93E-05	8.46E-04	Residence	2.20E-07	0.22	0.00	2.70E-04	2.68E-04	2.65E-04	2.29E-05	2.69E-05	8.53E-04
605692	4122820	2.69E-04	2.66E-04	2.64E-04	1.39E-05	2.90E-05	8.42E-04	Residence	2.19E-07	0.22	0.00	2.69E-04	2.66E-04	2.64E-04	2.26E-05	2.66E-05	8.48E-04
605712	4122820	2.67E-04	2.64E-04	2.61E-04	1.37E-05	2.87E-05	8.35E-04	Residence	2.17E-07	0.22	0.00	2.67E-04	2.64E-04	2.61E-04	2.23E-05	2.64E-05	8.41E-04
605732	4122820	2.64E-04	2.61E-04	2.59E-04	1.35E-05	2.83E-05	8.26E-04	Residence	2.15E-07	0.21	0.00	2.64E-04	2.61E-04	2.59E-04	2.19E-05	2.61E-05	8.32E-04
605832	4122820	2.44E-04	2.41E-04	2.39E-04	1.25E-05	2.67E-05	7.63E-04	Residence	1.98E-07	0.20	0.00	2.44E-04	2.41E-04	2.39E-04	2.03E-05	2.46E-05	7.69E-04
605852	4122820	2.41E-04	2.38E-04	2.35E-04	1.23E-05	2.65E-05	7.53E-04	Residence	1.96E-07	0.20	0.00	2.41E-04	2.38E-04	2.35E-04	2.00E-05	2.44E-05	7.58E-04
605872	4122820	2.36E-04	2.34E-04	2.32E-04	1.22E-05	2.62E-05	7.40E-04	Residence	1.92E-07	0.19	0.00	2.36E-04	2.34E-04	2.32E-04	1.98E-05	2.41E-05	7.46E-04
605892	4122820	2.32E-04	2.30E-04	2.27E-04	1.20E-05	2.59E-05	7.27E-04	Residence	1.89E-07	0.19	0.00	2.32E-04	2.30E-04	2.27E-04	1.95E-05	2.39E-05	7.33E-04
605912	4122820	2.28E-04	2.26E-04	2.23E-04	1.19E-05	2.57E-05	7.14E-04	Residence	1.86E-07	0.19	0.00	2.28E-04	2.26E-04	2.23E-04	1.93E-05	2.37E-05	7.20E-04
605952	4122820	2.20E-04	2.18E-04	2.16E-04	1.16E-05	2.52E-05	6.90E-04	Residence	1.79E-07	0.18	0.00	2.20E-04	2.18E-04	2.16E-04	1.88E-05	2.32E-05	6.95E-04
606672	4122820	9.17E-05	9.13E-05	9.10E-05	4.45E-06	1.46E-05	2.93E-04	Worker	7.62E-08	0.08	0.00	9.17E-05	9.13E-05	9.10E-05	7.23E-06	1.35E-05	2.95E-04
606692	4122820	9.01E-05	8.98E-05	8.94E-05	4.33E-06	1.43E-05	2.88E-04	Worker	7.49E-08	0.07	0.00	9.01E-05	8.98E-05	8.94E-05	7.04E-06	1.32E-05	2.90E-04
606712	4122820	8.86E-05	8.83E-05	8.79E-05	4.22E-06	1.41E-05	2.83E-04	Worker	7.36E-08	0.07	0.00	8.86E-05	8.83E-05	8.79E-05	6.87E-06	1.29E-05	2.85E-04
606732	4122820	8.72E-05	8.68E-05	8.65E-05	4.12E-06	1.38E-05	2.78E-04	Worker	7.24E-08	0.07	0.00	8.72E-05	8.68E-05	8.65E-05	6.70E-06	1.27E-05	2.80E-04
606752	4122820	8.63E-05	8.60E-05	8.57E-05	4.02E-06	1.35E-05	2.75E-04	Worker	7.16E-08	0.07	0.00	8.63E-05	8.60E-05	8.57E-05	6.54E-06	1.24E-05	2.77E-04
606852	4122820	8.03E-05	8.00E-05	7.97E-05	3.62E-06	1.23E-05	2.56E-04	Worker	6.65E-08	0.07	0.00	8.03E-05	8.00E-05	7.97E-05	5.89E-06	1.13E-05	2.57E-04
606872	4122820	7.95E-05	7.92E-05	7.89E-05	3.56E-06	1.21E-05	2.53E-04	Worker	6.58E-08	0.07	0.00	7.95E-05	7.92E-05	7.89E-05	5.78E-06	1.11E-05	2.54E-04
606892	4122820	7.88E-05	7.85E-05	7.82E-05	3.50E-06	1.19E-05	2.51E-04	Worker	6.52E-08	0.07	0.00	7.88E-05	7.85E-05	7.82E-05	5.68E-06	1.09E-05	2.52E-04
606912	4122820	7.83E-05	7.80E-05	7.77E-05	3.44E-06	1.17E-05	2.49E-04	Worker	6.47E-08	0.06	0.00	7.83E-05	7.80E-05	7.77E-05	5.59E-06	1.07E-05	2.50E-04
606932	4122820	7.76E-05	7.72E-05	7.69E-05	3.39E-06	1.14E-05	2.47E-04	Worker	6.41E-08	0.06	0.00	7.76E-05	7.72E-05	7.69E-05	5.51E-06	1.05E-05	2.48E-04
606952	4122820	7.61E-05	7.58E-05	7.55E-05	3.34E-06	1.12E-05	2.42E-04	Worker	6.29E-08	0.06	0.00	7.61E-05	7.58E-05	7.55E-05	5.43E-06	1.03E-05	2.43E-04
606972	4122820	7.55E-05	7.51E-05	7.48E-05	3.29E-06	1.11E-05	2.40E-04	Worker	6.23E-08	0.06	0.00	7.55E-05	7.51E-05	7.48E-05	5.35E-06	1.02E-05	2.41E-04
606992	4122820	7.46E-05	7.43E-05	7.39E-05	3.24E-06	1.09E-05	2.37E-04	Worker	6.16E-08	0.06	0.00	7.46E-05	7.43E-05	7.39E-05	5.27E-06	1.00E-05	2.38E-04
607012	4122820	7.38E-05	7.34E-05	7.31E-05	3.20E-06	1.07E-05	2.34E-04	Worker	6.09E-08	0.06	0.00	7.38E-05	7.34E-05	7.31E-05	5.20E-06	9.84E-06	2.35E-04
607032	4122820	7.30E-05	7.26E-05	7.23E-05	3.16E-06	1.05E-05	2.32E-04	Worker	6.02E-08	0.06	0.00	7.30E-05	7.26E-05	7.23E-05	5.13E-06	9.68E-06	2.33E-04
607052	4122820	7.22E-05	7.18E-05	7.15E-05	3.11E-06	1.03E-05	2.29E-04	Worker	5.95E-08	0.06	0.00	7.22E-05	7.18E-05	7.15E-05	5.06E-06	9.52E-06	2.30E-04
605632	4122840	2.70E-04	2.67E-04	2.64E-04	1.38E-05	2.86E-05	8.43E-04	Residence	2.19E-07	0.22	0.00	2.70E-04	2.67E-04	2.64E-04	2.25E-05	2.63E-05	8.49E-04
605652	4122840	2.67E-04	2.64E-04	2.62E-04	1.37E-05	2.83E-05	8.35E-04	Residence	2.17E-07	0.22	0.00	2.67E-04	2.64E-04	2.62E-04	2.22E-05	2.61E-05	8.41E-04
605672	4122840	2.63E-04	2.60E-04	2.57E-04	1.35E-05	2.80E-05	8.22E-04	Residence	2.14E-07	0.21	0.00	2.63E-04	2.60E-04	2.57E-04	2.19E-05	2.58E-05	8.28E-04
605692	4122840	2.59E-04	2.57E-04	2.54E-04	1.33E-05	2.77E-05	8.11E-04	Residence	2.11E-07	0.21	0.00	2.59E-04	2.57E-04	2.54E-04	2.16E-05	2.55E-05	8.18E-04
605712	4122840	2.58E-04	2.56E-04	2.53E-04	1.31E-05	2.75E-05	8.07E-04	Residence	2.10E-07	0.21	0.00	2.58E-04	2.56E-04	2.53E-04	2.13E-05	2.53E-05	8.13E-04
605792	4122840	2.43E-04	2.41E-04	2.38E-04	1.23E-05	2.62E-05	7.61E-04	Residence	1.98E-07	0.20	0.00	2.43E-04	2.41E-04	2.38E-04	2.00E-05	2.41E-05	7.66E-04
605812	4122840	2.41E-04	2.38E-04	2.36E-04	1.21E-05	2.59E-05	7.53E-04	Residence	1.96E-07	0.20	0.00	2.41E-04	2.38E-04	2.36E-04	1.97E-05	2.39E-05	7.58E-04
605832	4122840	2.37E-04	2.35E-04	2.32E-04	1.20E-05	2.57E-05	7.41E-04	Residence	1.93E-07	0.19	0.00	2.37E-04	2.35E-04	2.32E-04	1.95E-05	2.36E-05	7.47E-04
605852	4122840	2.33E-04	2.31E-04	2.28E-04	1.18E-05	2.54E-05	7.29E-04	Residence	1.90E-07	0.19	0.00	2.33E-04	2.31E-04	2.28E-04	1.92E-05	2.34E-05	7.35E-04
605872	4122840	2.29E-04	2.27E-04	2.24E-04	1.17E-05	2.52E-05	7.17E-04	Residence	1.86E-07	0.19	0.00	2.29E-04	2.27E-04	2.24E-04	1.90E-05	2.32E-05	7.22E-04
605892	4122840	2.25E-04	2.23E-04	2.21E-04	1.15E-05	2.49E-05	7.05E-04	Residence	1.83E-07	0.18	0.00	2.25E-04	2.23E-04	2.21E-04	1.88E-05	2.29E-05	7.10E-04
605912	4122840	2.21E-04	2.19E-04	2.17E-04	1.14E-05	2.47E-05	6.93E-04	Residence	1.80E-07	0.18	0.00	2.21E-04	2.19E-04	2.17E-04	1.85E-05	2.27E-05	6.98E-04
606092	4122840	1.85E-04	1.83E-04	1.82E-04	9.77E-06	2.27E-05	5.82E-04	Worker	1.51E-07	0.15	0.00	1.85E-04	1.83E-04	1.82E-04	1.59E-05	2.09E-05	5.86E-04
606112	4122840	1.82E-04	1.81E-04	1.80E-04	9.54E-06	2.25E-05	5.75E-04	Worker	1.49E-07	0.15	0.00	1.82E-04	1.81E-04	1.80E-04	1.55E-05	2.07E-05	5.79E-04
606192	4122840	1.67E-04	1.66E-04	1.65E-04	8.56E-06	2.13E-05	5.27E-04	Worker	1.37E-07	0.14	0.00	1.67E-04	1.66E-04	1.65E-04	1.39E-05	1.96E-05	5.31E-04
606212	4122840	1.62E-04	1.61E-04	1.60E-04	8.32E-06	2.10E-05	5.13E-04	Worker	1.33E-07	0.13	0.00	1.62E-04	1.61E-04	1.60E-04	1.35E-05	1.94E-05	5.16E-04
606252	4122840	1.54E-04	1.53E-04	1.52E-04	7.84E-06	2.04E-05	4.87E-04	Worker	1.27E-07	0.13	0.00	1.54E-04	1.53E-04	1.52E-04	1.27E-05	1.88E-05	4.91E-04
606272	4122840	1.50E-04	1.49E-04	1.48E-04	7.60E-06	2.01E-05	4.75E-04	Worker	1.23E-07	0.12	0.00	1.50E-04	1.49E-04	1.48E-04	1.24E-05	1.85E-05	4.78E-04
606292	4122840	1.46E-04	1.45E-04	1.44E-04	7.37E-06	1.98E-05	4.63E-04	Worker	1.20E-07	0.12	0.00	1.46E-04	1.45E-04	1.44E-04	1.20E-05	1.83E-05	4.66E-04

606312	4122840	1.43E-04	1.42E-04	1.41E-04	7.15E-06	1.95E-05	4.52E-04	Worker	1.17E-07	0.12	0.00	1.43E-04	1.42E-04	1.41E-04	1.16E-05	1.80E-05	4.55E-04
606332	4122840	1.39E-04	1.38E-04	1.38E-04	6.94E-06	1.92E-05	4.42E-04	Worker	1.15E-07	0.11	0.00	1.39E-04	1.38E-04	1.38E-04	1.13E-05	1.77E-05	4.44E-04
606352	4122840	1.35E-04	1.35E-04	1.34E-04	6.73E-06	1.89E-05	4.30E-04	Worker	1.12E-07	0.11	0.00	1.35E-04	1.35E-04	1.34E-04	1.09E-05	1.74E-05	4.33E-04
606372	4122840	1.32E-04	1.32E-04	1.31E-04	6.53E-06	1.86E-05	4.20E-04	Worker	1.09E-07	0.11	0.00	1.32E-04	1.32E-04	1.31E-04	1.06E-05	1.71E-05	4.23E-04
606392	4122840	1.29E-04	1.28E-04	1.27E-04	6.33E-06	1.83E-05	4.09E-04	Worker	1.06E-07	0.11	0.00	1.29E-04	1.28E-04	1.27E-04	1.03E-05	1.69E-05	4.11E-04
606412	4122840	1.25E-04	1.25E-04	1.24E-04	6.15E-06	1.80E-05	3.98E-04	Worker	1.03E-07	0.10	0.00	1.25E-04	1.25E-04	1.24E-04	9.99E-06	1.66E-05	4.00E-04
606432	4122840	1.22E-04	1.21E-04	1.20E-04	5.97E-06	1.77E-05	3.87E-04	Worker	1.01E-07	0.10	0.00	1.22E-04	1.21E-04	1.20E-04	9.71E-06	1.63E-05	3.89E-04
606452	4122840	1.19E-04	1.18E-04	1.18E-04	5.81E-06	1.74E-05	3.77E-04	Worker	9.81E-08	0.10	0.00	1.19E-04	1.18E-04	1.18E-04	9.43E-06	1.60E-05	3.80E-04
606672	4122840	9.04E-05	9.01E-05	8.98E-05	4.34E-06	1.42E-05	2.89E-04	Worker	7.51E-08	0.08	0.00	9.04E-05	9.01E-05	8.98E-05	7.06E-06	1.31E-05	2.91E-04
606692	4122840	8.89E-05	8.86E-05	8.82E-05	4.23E-06	1.40E-05	2.84E-04	Worker	7.38E-08	0.07	0.00	8.89E-05	8.86E-05	8.82E-05	6.88E-06	1.29E-05	2.85E-04
606712	4122840	8.74E-05	8.71E-05	8.68E-05	4.13E-06	1.37E-05	2.79E-04	Worker	7.25E-08	0.07	0.00	8.74E-05	8.71E-05	8.68E-05	6.71E-06	1.26E-05	2.81E-04
606732	4122840	8.60E-05	8.57E-05	8.54E-05	4.03E-06	1.34E-05	2.74E-04	Worker	7.13E-08	0.07	0.00	8.60E-05	8.57E-05	8.54E-05	6.55E-06	1.24E-05	2.76E-04
606752	4122840	8.54E-05	8.50E-05	8.47E-05	3.93E-06	1.32E-05	2.72E-04	Worker	7.08E-08	0.07	0.00	8.54E-05	8.50E-05	8.47E-05	6.39E-06	1.21E-05	2.74E-04
606852	4122840	7.93E-05	7.89E-05	7.87E-05	3.54E-06	1.20E-05	2.52E-04	Worker	6.56E-08	0.07	0.00	7.93E-05	7.89E-05	7.87E-05	5.75E-06	1.11E-05	2.54E-04
606872	4122840	7.88E-05	7.85E-05	7.82E-05	3.47E-06	1.18E-05	2.51E-04	Worker	6.52E-08	0.07	0.00	7.88E-05	7.85E-05	7.82E-05	5.65E-06	1.09E-05	2.52E-04
606892	4122840	7.81E-05	7.77E-05	7.74E-05	3.41E-06	1.16E-05	2.48E-04	Worker	6.45E-08	0.06	0.00	7.81E-05	7.77E-05	7.74E-05	5.55E-06	1.07E-05	2.49E-04
606912	4122840	7.74E-05	7.70E-05	7.67E-05	3.36E-06	1.14E-05	2.46E-04	Worker	6.39E-08	0.06	0.00	7.74E-05	7.70E-05	7.67E-05	5.46E-06	1.05E-05	2.47E-04
606932	4122840	7.65E-05	7.62E-05	7.59E-05	3.31E-06	1.12E-05	2.43E-04	Worker	6.32E-08	0.06	0.00	7.65E-05	7.62E-05	7.59E-05	5.38E-06	1.03E-05	2.44E-04
606952	4122840	7.47E-05	7.44E-05	7.41E-05	3.26E-06	1.10E-05	2.37E-04	Worker	6.17E-08	0.06	0.00	7.47E-05	7.44E-05	7.41E-05	5.29E-06	1.01E-05	2.39E-04
606972	4122840	7.40E-05	7.37E-05	7.34E-05	3.21E-06	1.08E-05	2.35E-04	Worker	6.11E-08	0.06	0.00	7.40E-05	7.37E-05	7.34E-05	5.22E-06	9.95E-06	2.36E-04
606992	4122840	7.32E-05	7.29E-05	7.26E-05	3.17E-06	1.06E-05	2.33E-04	Worker	6.04E-08	0.06	0.00	7.32E-05	7.29E-05	7.26E-05	5.15E-06	9.79E-06	2.34E-04
607012	4122840	7.24E-05	7.20E-05	7.17E-05	3.12E-06	1.05E-05	2.30E-04	Worker	5.97E-08	0.06	0.00	7.24E-05	7.20E-05	7.17E-05	5.08E-06	9.63E-06	2.31E-04
607032	4122840	7.16E-05	7.13E-05	7.10E-05	3.08E-06	1.03E-05	2.27E-04	Worker	5.91E-08	0.06	0.00	7.16E-05	7.13E-05	7.10E-05	5.01E-06	9.47E-06	2.28E-04
607052	4122840	7.09E-05	7.06E-05	7.03E-05	3.04E-06	1.01E-05	2.25E-04	Worker	5.85E-08	0.06	0.00	7.09E-05	7.06E-05	7.03E-05	4.94E-06	9.32E-06	2.26E-04
606158	4121900	2.87E-04	3.08E-04	3.34E-04	6.32E-04	2.80E-03	4.36E-03	Worker	1.13E-06	1.13	0.00	2.87E-04	3.08E-04	3.34E-04	1.03E-03	2.58E-03	4.53E-03
606169	4121883	2.61E-04	2.73E-04	2.89E-04	3.38E-04	2.48E-03	3.64E-03	Worker	9.46E-07	0.95	0.00	2.61E-04	2.73E-04	2.89E-04	5.49E-04	2.28E-03	3.65E-03
606132	4121801	1.49E-04	1.53E-04	1.57E-04	4.04E-05	4.15E-04	9.14E-04	Worker	2.38E-07	0.24	0.00	1.49E-04	1.53E-04	1.57E-04	6.57E-05	3.82E-04	9.06E-04
606385	4122113	2.18E-04	2.15E-04	2.12E-04	4.06E-05	1.21E-04	8.07E-04	Worker	2.10E-07	0.21	0.00	2.18E-04	2.15E-04	2.12E-04	6.60E-05	1.11E-04	8.23E-04
606405	4122113	2.03E-04	2.01E-04	1.98E-04	3.77E-05	1.12E-04	7.51E-04	Worker	1.95E-07	0.20	0.00	2.03E-04	2.01E-04	1.98E-04	6.12E-05	1.03E-04	7.65E-04
606425	4122113	1.92E-04	1.89E-04	1.87E-04	3.53E-05	1.05E-04	7.08E-04	Worker	1.84E-07	0.18	0.00	1.92E-04	1.89E-04	1.87E-04	5.73E-05	9.64E-05	7.22E-04
606445	4122113	1.83E-04	1.81E-04	1.79E-04	3.32E-05	1.05E-04	6.81E-04	Worker	1.77E-07	0.18	0.00	1.83E-04	1.81E-04	1.79E-04	5.40E-05	9.69E-05	6.93E-04
606465	4122113	1.78E-04	1.76E-04	1.74E-04	3.12E-05	9.87E-05	6.59E-04	Worker	1.71E-07	0.17	0.00	1.78E-04	1.76E-04	1.74E-04	5.06E-05	9.08E-05	6.70E-04
606385	4122133	2.10E-04	2.09E-04	2.06E-04	3.66E-05	1.10E-04	7.71E-04	Worker	2.00E-07	0.20	0.00	2.10E-04	2.09E-04	2.06E-04	5.94E-05	1.01E-04	7.85E-04
606405	4122133	1.94E-04	1.93E-04	1.90E-04	3.43E-05	1.11E-04	7.23E-04	Worker	1.88E-07	0.19	0.00	1.94E-04	1.93E-04	1.90E-04	5.58E-05	1.02E-04	7.35E-04
606425	4122133	1.83E-04	1.82E-04	1.80E-04	3.25E-05	1.04E-04	6.81E-04	Worker	1.77E-07	0.18	0.00	1.83E-04	1.82E-04	1.80E-04	5.27E-05	9.56E-05	6.93E-04
606445	4122133	1.76E-04	1.75E-04	1.73E-04	3.05E-05	9.74E-05	6.52E-04	Worker	1.69E-07	0.17	0.00	1.76E-04	1.75E-04	1.73E-04	4.96E-05	8.96E-05	6.63E-04
606465	4122133	1.72E-04	1.71E-04	1.69E-04	2.87E-05	9.15E-05	6.33E-04	Worker	1.64E-07	0.16	0.00	1.72E-04	1.71E-04	1.69E-04	4.67E-05	8.42E-05	6.43E-04
606385	4122153	2.02E-04	2.01E-04	1.99E-04	3.41E-05	1.10E-04	7.45E-04	Worker	1.94E-07	0.19	0.00	2.02E-04	2.01E-04	1.99E-04	5.54E-05	1.01E-04	7.57E-04
606405	4122153	1.88E-04	1.86E-04	1.85E-04	3.18E-05	1.02E-04	6.93E-04	Worker	1.80E-07	0.18	0.00	1.88E-04	1.86E-04	1.85E-04	5.16E-05	9.43E-05	7.05E-04
606425	4122153	1.78E-04	1.77E-04	1.75E-04	2.98E-05	9.61E-05	6.56E-04	Worker	1.70E-07	0.17	0.00	1.78E-04	1.77E-04	1.75E-04	4.84E-05	8.84E-05	6.67E-04
606445	4122153	1.71E-04	1.70E-04	1.69E-04	2.81E-05	9.03E-05	6.29E-04	Worker	1.64E-07	0.16	0.00	1.71E-04	1.70E-04	1.69E-04	4.56E-05	8.31E-05	6.40E-04
606465	4122153	1.68E-04	1.67E-04	1.66E-04	2.65E-05	8.50E-05	6.12E-04	Worker	1.59E-07	0.16	0.00	1.68E-04	1.67E-04	1.66E-04	4.31E-05	7.82E-05	6.22E-04
606385	4122173	1.99E-04	1.98E-04	1.97E-04	3.16E-05	1.02E-04	7.27E-04	Worker	1.89E-07	0.19	0.00	1.99E-04	1.98E-04	1.97E-04	5.14E-05	9.35E-05	7.39E-04
606405	4122173	1.84E-04	1.84E-04	1.83E-04	2.94E-05	9.51E-05	6.76E-04	Worker	1.76E-07	0.18	0.00	1.84E-04	1.84E-04	1.83E-04	4.78E-05	8.75E-05	6.86E-04
606425	4122173	1.75E-04	1.75E-04	1.74E-04	2.75E-05	8.94E-05	6.40E-04	Worker	1.66E-07	0.17	0.00	1.75E-04	1.75E-04	1.74E-04	4.48E-05	8.22E-05	6.50E-04
606445	4122173	1.70E-04	1.69E-04	1.69E-04	2.60E-05	8.43E-05	6.19E-04	Worker	1.61E-07	0.16	0.00	1.70E-04	1.69E-04	1.69E-04	4.22E-05	7.75E-05	6.28E-04
606465	4122173	1.66E-04	1.66E-04	1.65E-04	2.46E-05	7.94E-05	6.01E-04	Worker	1.56E-07	0.16	0.00	1.66E-04	1.66E-04	1.65E-04	3.99E-05	7.31E-05	6.10E-04
606385	4122193	1.98E-04	1.98E-04	1.98E-04	2.92E-05	9.37E-05	7.17E-04	Worker	1.86E-07	0.19	0.00	1.98E-04	1.98E-04	1.98E-04	4.75E-05	8.62E-05	7.28E-04
606405	4122193	1.85E-04	1.85E-04	1.85E-04	2.72E-05	8.82E-05	6.71E-04	Worker	1.74E-07	0.17	0.00	1.85E-04	1.85E-04	1.85E-04	4.42E-05	8.12E-05	6.81E-04
606425	4122193	1.76E-04	1.76E-04	1.76E-04	2.55E-05	8.32E-05	6.36E-04	Worker	1.65E-07	0.17	0.00	1.76E-04	1.76E-04	1.76E-04	4.15E-05	7.65E-05	6.46E-04
606445	4122193	1.71E-04	1.71E-04	1.71E-04	2.41E-05	7.85E-05	6.15E-04	Worker	1.60E-07	0.16	0.00	1.71E-04	1.71E-04	1.71E-04	3.91E-05	7.23E-05	6.24E-04
606465	4122193	1.66E-04	1.65E-04	1.65E-04	2.28E-05	7.42E-05	5.93E-04	Worker	1.54E-07	0.15	0.00	1.66E-04	1.65E-04	1.65E-04	3.71E-05	6.83E-05	6.02E-04

Kaiser San José

Operational Health Risk Assessment - School & Daycare Unmitigated

Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

							DPM		$PM_{2.5}$	
				Days			Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Operation Source	AERMOD Source	Start Date	End Date	0<2	2<16	2<16	Uncontrolled	Uncontrolled	Uncontrolled	Uncontrolled
Emergency Generator 1	STCK1	Annual		688	1095	2555	0.01	0.0002	0.01	0.0002
Emergency Generator 2	STCK2	Annual		688	1095	2555	0.01	0.0002	0.01	0.0002
Emergency Generator 3	STCK3	Annual		688	1095	2555	0.01	0.0002	0.01	0.0002
Truck Idling at Loading Dock	PAREA5	Annual		688	1095	2555	0.0002	0.0000	0.000	0.0000
TRU Idling at Loading Dock	VOL1	Annual		688	1095	2555	0.0007	0.0000	0.001	0.0000

Cancer Risk Factors

	Abbreviation	UOM	0<2	2<16	
Daily Breathing Rate (8 hour)	DBR	L/kg-day	1200	520	
Modeling Adjustment Factor	MAF	unitless	4.2	4.2	Worst case
Exposure Frequency	EF	days/year	0.96	0.68	
Age Sensitivity Factor	ASF	unitless	10	3	
Inhalation Absorption Factor	A	unitless	1	1	
Conversion Factor	CF_1	m^3/L	0.001	0.001	
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	
Averaging Time (for residential exposure)	AT	years	70.00	70.00	

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February 2015

Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).

Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.

Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*MAF*EF*ED*ASF*A*CF/AT

Operational Source	Year	0<2	2<16	2<16
All sources	Annual	1.301	0.192	0.449

Risk Calculation Part 1, R1 = IF*CPF*CF

Year	0<2	2<16	2<16
Annual	0.0014	0.0002	0.0005

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

MEIR	Cancer Risk	UTM X	UTM Y
Santa Teresa Elementary	1.23	606832.2	4121580.0
Venegas Family Daycare	0.98	605672.2	4121940.0
Bright Horizons Daycare	1.00	606652.2	4122140.0
Tulip Kids Daycare	1.65	606052.22	4121880

HI	UTM X	UTM Y
0.0005	606832.2	4121580.0
0.0001	605672.2	4121940.0
0.0001	606652.2	4122140.0
0.0002	606052.2	4121880.0

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.002	606832.2	4121580.0
0.001	605672.2	4121940.0
0.0006	606652.2	4122140.0
0.0010	606052.22	4121880

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

		Annual O&M					
X (UTM)	Y (UTM)	STCK1	STCK2	STCK3	PAREA5	VOL1	Total
606852	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606852	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121560	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121560	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121560	0.001	0.001	0.001	0.000	0.000	0.002
606832	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606852	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121640	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121640	0.001	0.001	0.001	0.000	0.000	0.002

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$		HI		
2<16	Total	C_{DPM}/REL		
1.10E-06	1.10E+00	0.000	Santa Teresa Elementary School	
1.08E-06	1.08E+00	0.000	Santa Teresa Elementary School	
1.06E-06	1.06E+00	0.000	Santa Teresa Elementary School	
1.03E-06	1.03E+00	0.000	Santa Teresa Elementary School	
9.95E-07	9.95E-01	0.000	Santa Teresa Elementary School	
1.14E-06	1.14E+00	0.000	Santa Teresa Elementary School	
1.11E-06	1.11E+00	0.000	Santa Teresa Elementary School	
1.08E-06	1.08E+00	0.000	Santa Teresa Elementary School	
1.04E-06	1.04E+00	0.000	Santa Teresa Elementary School	
1.13E-06	1.13E+00	0.000	Santa Teresa Elementary School	
1.09E-06	1.09E+00	0.000	Santa Teresa Elementary School	
1.05E-06	1.05E+00	0.000	Santa Teresa Elementary School	
1.23E-06	1.23E+00	0.000	Santa Teresa Elementary School	
1.18E-06	1.18E+00	0.000	Santa Teresa Elementary School	
1.14E-06	1.14E+00	0.000	Santa Teresa Elementary School	
1.10E-06	1.10E+00	0.000	Santa Teresa Elementary School	
1.06E-06	1.06E+00	0.000	Santa Teresa Elementary School	
1.15E-06	1.15E+00	0.000	Santa Teresa Elementary School	
1.10E-06	1.10E+00	0.000	Santa Teresa Elementary School	
1.06E-06	1.06E+00	0.000	Santa Teresa Elementary School	
1.01E-06	1.01E+00	0.000	Santa Teresa Elementary School	
1.15E-06	1.15E+00	0.000	Santa Teresa Elementary School	
1.10E-06	1.10E+00	0.000	Santa Teresa Elementary School	
1.05E-06	1.05E+00	0.000	Santa Teresa Elementary School	
9.99E-07	9.99E-01	0.000	Santa Teresa Elementary School	
1.03E-06	1.03E+00	0.000	Santa Teresa Elementary School	
9.77E-07	9.77E-01	0.000	Santa Teresa Elementary School	

Annual $PM_{2.5}$ Concentration

Annual O&M						
STCK1	STCK2	STCK3	PAREA5	VOL1	Total
0.0007	0.0007	0.0007	0.0001	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0006	0.0006	0.0006	0.0000	0.0001	0.0020
0.0007	0.0007	0.0007	0.0001	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0008	0.0008	0.0008	0.0001	0.0001	0.0025
0.0008	0.0008	0.0008	0.0001	0.0001	0.0024
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0006	0.0006	0.0006	0.0000	0.0001	0.0020
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0006	0.0006	0.0006	0.0000	0.0001	0.0020

		Annual O&M					
X (UTM)	Y (UTM)	STCK1	STCK2	STCK3	PAREA5	VOL1	Total
605652	4121940	0.000	0.000	0.000	0.000	0.000	0.001
605672	4121940	0.000	0.000	0.000	0.000	0.000	0.001

Cancer Risk = $\sum R1*C_{DPM}$			HI		Annual O&M						
0<2	2<16	Total	C_{DPM}/REL		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
8.26E-07	1.22E-07	9.48E-01	0.000	Venegas Family Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006
8.56E-07	1.27E-07	9.83E-01	0.000	Venegas Family Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006

		Annual O&M					
X (UTM)	Y (UTM)	STCK1	STCK2	STCK3	PAREA5	VOL1	Total
606652	4122140	0.000	0.000	0.000	0.000	0.000	0.001
606672	4122140	0.000	0.000	0.000	0.000	0.000	0.001
606652	4122160	0.000	0.000	0.000	0.000	0.000	0.001

Cancer Risk = $\sum R1*C_{DPM}$			HI		Annual O&M						
0<2	2<16	Total	C_{DPM}/REL		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
8.69E-07	1.28E-07	9.97E-01	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006
8.65E-07	1.28E-07	9.93E-01	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006
8.38E-07	1.24E-07	9.62E-01	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006

606672	4122160	0.000	0.000	0.000	0.000	0.000	0.001

X (UTM)	Y (UTM)	Annual O&M					
		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
606032	4121860	0.000	0.000	0.000	0.000	0.000	0.001
606052	4121860	0.000	0.000	0.000	0.000	0.000	0.001
606032	4121880	0.000	0.000	0.000	0.000	0.000	0.001
606052	4121880	0.000	0.000	0.000	0.000	0.000	0.001

8.35E-07	1.23E-07	9.58E-01	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006

Cancer Risk = $\sum$R1*C_{DPM}			HI		Annual O&M					
0<2	2<16	Total	C_{DPM}/REL		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
1.15E-06	1.71E-07	1.32E+00	0.000	Tulip Kids Academy	0.0002	0.0002	0.0002	0.0001	0.0002	0.0008
1.25E-06	1.85E-07	1.44E+00	0.000	Tulip Kids Academy	0.0002	0.0002	0.0002	0.0001	0.0003	0.0009
1.31E-06	1.94E-07	1.51E+00	0.000	Tulip Kids Academy	0.0002	0.0002	0.0002	0.0001	0.0003	0.0009
1.44E-06	2.12E-07	1.65E+00	0.000	Tulip Kids Academy	0.0002	0.0002	0.0002	0.0001	0.0003	0.0010

Kaiser San José

Operational Health Risk Assessment with Exposure Starting after Construction Ends - At School & Daycare MEIR

Incremental Lifetime Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentration Calculations

				Daycare		School	DPM		$PM_{2.5}$	
				Days			Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Operation Source	AERMOD Source	Start Date	End Date	0<2	2<16	2<16	Uncontrolled	Uncontrolled	Uncontrolled	Uncontrolled
Emergency Generator 1	STCK1	Annual		0	651	1424	0.01	0.0002	0.01	0.0002
Emergency Generator 2	STCK2	Annual		0	651	1424	0.01	0.0002	0.01	0.0002
Emergency Generator 3	STCK3	Annual		0	651	1424	0.01	0.0002	0.01	0.0002
Truck Idling at Loading Dock	PAREA5	Annual		0	651	1424	0.0002	0.0000	0.000	0.0000
TRU Idling at Loading Dock	VOL1	Annual		0	651	1424	0.0007	0.0000	0.001	0.0000

Cancer Risk Factors

	Abbreviation	UOM	0<2	2<16
Daily Breathing Rate (8 hour)	DBR	L/kg-day	1200	520
Modeling Adjustment Factor	MAF	unitless	4.2	4.2
Exposure Frequency	EF	days/year	0.96	0.68
Age Sensitivity Factor	ASF	unitless	10	3
Inhalation Absorption Factor	A	unitless	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00

Worst case

Age of DC receptor when construction ends 3.22 years

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February 2015

Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).

Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.

Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*MAF*EF*ED*ASF*A*CF/AT

Operational Source	Year	0<2	2<16	2<16
All sources	Annual	0.000	0.114	0.250

Risk Calculation Part 1, R1 = IF*CPF*CF

Year	0<2	2<16	2<16
Annual	0.0000	0.0001	0.0003

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

MEIR	Cancer Risk	UTM X	UTM Y
Santa Teresa Elementary	0.68	606832.2	4121580.0
Bright Horizons Daycare	0.08	605672.2	4121940.0
Venegas Family Daycare	0.08	606652.2	4122140.0
Tulip Kids Daycare	0.13	606052.2	4121880.0

HI	UTM X	UTM Y
0.0005	606832.2	4121580.0
0.0001	605672.2	4121940.0
0.0001	606652.2	4122140.0
0.0002	606052.2	4121880.0

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.002	606832.2	4121580.0
0.001	605672.2	4121940.0
0.001	606652.2	4122140.0
0.001	606052.2	4121880.0

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Annual O&M					
		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
606852	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121520	0.001	0.001	0.001	0.000	0.000	0.002
606852	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121540	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121560	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121560	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121560	0.001	0.001	0.001	0.000	0.000	0.002
606832	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606852	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121580	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121600	0.001	0.001	0.001	0.000	0.000	0.002
606872	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606892	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121620	0.001	0.001	0.001	0.000	0.000	0.002
606912	4121640	0.001	0.001	0.001	0.000	0.000	0.002
606932	4121640	0.001	0.001	0.001	0.000	0.000	0.002

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$		HI		
2<16	Total	C_{DPM}/REL		
6.15E-07	6.15E-01	0.000	Santa Teresa Elementary School	
6.01E-07	6.01E-01	0.000	Santa Teresa Elementary School	
5.88E-07	5.88E-01	0.000	Santa Teresa Elementary School	
5.71E-07	5.71E-01	0.000	Santa Teresa Elementary School	
5.54E-07	5.54E-01	0.000	Santa Teresa Elementary School	
6.33E-07	6.33E-01	0.000	Santa Teresa Elementary School	
6.17E-07	6.17E-01	0.000	Santa Teresa Elementary School	
6.00E-07	6.00E-01	0.000	Santa Teresa Elementary School	
5.81E-07	5.81E-01	0.000	Santa Teresa Elementary School	
6.30E-07	6.30E-01	0.000	Santa Teresa Elementary School	
6.09E-07	6.09E-01	0.000	Santa Teresa Elementary School	
5.87E-07	5.87E-01	0.000	Santa Teresa Elementary School	
6.84E-07	6.84E-01	0.000	Santa Teresa Elementary School	
6.60E-07	6.60E-01	0.000	Santa Teresa Elementary School	
6.37E-07	6.37E-01	0.000	Santa Teresa Elementary School	
6.12E-07	6.12E-01	0.000	Santa Teresa Elementary School	
5.89E-07	5.89E-01	0.000	Santa Teresa Elementary School	
6.40E-07	6.40E-01	0.000	Santa Teresa Elementary School	
6.14E-07	6.14E-01	0.000	Santa Teresa Elementary School	
5.89E-07	5.89E-01	0.000	Santa Teresa Elementary School	
5.64E-07	5.64E-01	0.000	Santa Teresa Elementary School	
6.39E-07	6.39E-01	0.000	Santa Teresa Elementary School	
6.11E-07	6.11E-01	0.000	Santa Teresa Elementary School	
5.83E-07	5.83E-01	0.000	Santa Teresa Elementary School	
5.57E-07	5.57E-01	0.000	Santa Teresa Elementary School	
5.73E-07	5.73E-01	0.000	Santa Teresa Elementary School	
5.44E-07	5.44E-01	0.000	Santa Teresa Elementary School	

Annual $PM_{2.5}$ Concentration

Annual O&M					
STCK1	STCK2	STCK3	PAREA5	VOL1	Total
0.0007	0.0007	0.0007	0.0001	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0006	0.0006	0.0006	0.0000	0.0001	0.0020
0.0007	0.0007	0.0007	0.0001	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0008	0.0008	0.0008	0.0001	0.0001	0.0025
0.0008	0.0008	0.0008	0.0001	0.0001	0.0024
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0007	0.0007	0.0007	0.0000	0.0001	0.0023
0.0007	0.0007	0.0007	0.0000	0.0001	0.0022
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0006	0.0006	0.0006	0.0000	0.0001	0.0020
0.0007	0.0007	0.0007	0.0000	0.0001	0.0021
0.0006	0.0006	0.0006	0.0000	0.0001	0.0020

X (UTM)	Y (UTM)	Annual O&M					
		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
605652	4121940	0.000	0.000	0.000	0.000	0.000	0.001
605672	4121940	0.000	0.000	0.000	0.000	0.000	0.001

Cancer Risk = $\sum R1*C_{DPM}$			HI		Annual O&M					
0<2	2<16	Total	C_{DPM}/REL		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
0.00E+00	7.26E-08	7.26E-02	0.000	Venegas Family Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006
0.00E+00	7.53E-08	7.53E-02	0.000	Venegas Family Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006

X (UTM)	Y (UTM)	Annual O&M					
		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
606652	4122140	0.000	0.000	0.000	0.000	0.000	0.001
606672	4122140	0.000	0.000	0.000	0.000	0.000	0.001
606652	4122160	0.000	0.000	0.000	0.000	0.000	0.001

Cancer Risk = $\sum R1*C_{DPM}$			HI		Annual O&M					
0<2	2<16	Total	C_{DPM}/REL		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
0.00E+00	7.64E-08	7.64E-02	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006
0.00E+00	7.60E-08	7.60E-02	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006
0.00E+00	7.37E-08	7.37E-02	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006

606672	4122160	0.000	0.000	0.000	0.000	0.000	0.001

X (UTM)	Y (UTM)	Annual O&M					
		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
606032	4121860	0.000	0.000	0.000	0.000	0.000	0.001
606052	4121860	0.000	0.000	0.000	0.000	0.000	0.001
606032	4121880	0.000	0.000	0.000	0.000	0.000	0.001
606052	4121880	0.000	0.000	0.000	0.000	0.000	0.001

0.00E+00	7.34E-08	7.34E-02	0.000	Bright Horizons Daycare	0.0002	0.0002	0.0002	0.0000	0.0000	0.0006

Cancer Risk = $\sum$R1*C_{DPM}			HI		Annual O&M					
0<2	2<16	Total	C_{DPM}/REL		STCK1	STCK2	STCK3	PAREA5	VOL1	Total
0.00E+00	1.01E-07	1.01E-01	0.000	Tulip Kids Academy	0.0002	0.0002	0.0002	0.0001	0.0002	0.0008
0.00E+00	1.10E-07	1.10E-01	0.000	0.000	0.0002	0.0002	0.0002	0.0001	0.0003	0.0009
0.00E+00	1.15E-07	1.15E-01	0.000	0.000	0.0002	0.0002	0.0002	0.0001	0.0003	0.0009
0.00E+00	1.26E-07	1.26E-01	0.000	0.000	0.0002	0.0002	0.0002	0.0001	0.0003	0.0010

Kaiser San José

Cumulative Health Risks at Residential MEIR for Construction

BAAQMD Permitted Stationary Sources[1]									
Facility Name	**Address**	**Source Details**	**Health Risk at Source**			**Distance to Residential**	**Adjusted Health Risk at Residential MEIR**		
			Cancer Risk	**Chronic Hazard Index**	**$PM_{2.5}$**	**MEIR (feet)**	**Cancer Risk**	**Chronic Hazard Index**	**$PM_{2.5}$**
Santa Teresa Chevron	6096 Cottle Rd	Gas Dispensing Facility	16.6	0.072	0.00	710	0.5	0.002	0.0
7-Eleven Inc	6211 Santa Teresa Blvd	Gas Dispensing Facility	17.1	0.074	0.00	910	0.3	0.001	0.0
Background Risks from Mobile Sources[2]									
Onroad							26.8	0.08	0.5
Rail							0.01	0.000003	0.00002
Project[3]									
Construction + Operation							19.84	0.07	0.53
TOTAL							47.4	0.2	1.0
BAAQMD Cumulative Thresholds							100	10	0.8

NOTES:

1. Stationary source health risk data from BAAQMD's Stationary Source Screening Map at https://baaqmd.maps.arcgis.com/apps/webappviewer/index.html?id=845658c19eae4594b9f4b805fb9d89a3.
2. Mobile source risks from data downloaded from BAAQMD's Mobile Source Screening Map at https://mtc.maps.arcgis.com/apps/instant/sidebar/index.html?appid=c5f9b1a40326409a89076bdc0d95e429.
3. From project HRA.

UTM		Onroad Cancer Risk	Onroad Hazard Index	Onroad PM2.5	Rail Cancer Risk	Rail Hazard Index	Rail PM2.5
606072	4122060	26.801863	0.078023	0.471531	0.012626	0.000003	0.000016

Source: Data downloaded from BAAQMD's Mobile Source Screening Map at https://mtc.maps.arcgis.com/apps/instant/sidebar/index.html?appid=c5f9b1a40326409a89076bdc0d95e429

Kaiser San José
AERMOD Results

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP1
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.03847	56.12	313.5	1.5	ANNUAL	SRCGP1	5	
605652.2	4121420	0.0389	56.27	313.5	1.5	ANNUAL	SRCGP1	5	
605672.2	4121420	0.0394	55.57	313.5	1.5	ANNUAL	SRCGP1	5	
605692.2	4121420	0.03992	55.91	313.5	1.5	ANNUAL	SRCGP1	5	
605712.2	4121420	0.04048	56.29	313.5	1.5	ANNUAL	SRCGP1	5	
605732.2	4121420	0.04107	56.54	313.5	1.5	ANNUAL	SRCGP1	5	
605752.2	4121420	0.04178	56.56	313.5	1.5	ANNUAL	SRCGP1	5	
605772.2	4121420	0.04257	56.68	313.5	1.5	ANNUAL	SRCGP1	5	
605792.2	4121420	0.04347	56.74	313.5	1.5	ANNUAL	SRCGP1	5	
605812.2	4121420	0.04448	56.85	313.5	1.5	ANNUAL	SRCGP1	5	
605832.2	4121420	0.04562	56.94	313.5	1.5	ANNUAL	SRCGP1	5	
605852.2	4121420	0.04693	56.97	313.5	1.5	ANNUAL	SRCGP1	5	
605872.2	4121420	0.04842	56.99	313.5	1.5	ANNUAL	SRCGP1	5	
605892.2	4121420	0.05001	57.31	313.5	1.5	ANNUAL	SRCGP1	5	
605912.2	4121420	0.05188	57.25	313.5	1.5	ANNUAL	SRCGP1	5	
605932.2	4121420	0.05393	57.32	313.5	1.5	ANNUAL	SRCGP1	5	
605952.2	4121420	0.0562	57.39	313.5	1.5	ANNUAL	SRCGP1	5	
605972.2	4121420	0.05871	57.4	313.5	1.5	ANNUAL	SRCGP1	5	
605992.2	4121420	0.06144	57.54	313.5	1.5	ANNUAL	SRCGP1	5	
606012.2	4121420	0.06445	57.65	313.5	1.5	ANNUAL	SRCGP1	5	
606032.2	4121420	0.0678	57.64	313.5	1.5	ANNUAL	SRCGP1	5	
606052.2	4121420	0.07147	57.67	313.5	1.5	ANNUAL	SRCGP1	5	
606072.2	4121420	0.07551	57.7	313.5	1.5	ANNUAL	SRCGP1	5	
606092.2	4121420	0.08005	57.58	313.5	1.5	ANNUAL	SRCGP1	5	
606112.2	4121420	0.08517	57.29	313.5	1.5	ANNUAL	SRCGP1	5	
606132.2	4121420	0.09043	57.65	313.5	1.5	ANNUAL	SRCGP1	5	
606152.2	4121420	0.09638	57.77	313.5	1.5	ANNUAL	SRCGP1	5	
606172.2	4121420	0.10296	57.87	313.5	1.5	ANNUAL	SRCGP1	5	
606192.2	4121420	0.11027	57.9	313.5	1.5	ANNUAL	SRCGP1	5	
606212.2	4121420	0.11836	57.87	313.5	1.5	ANNUAL	SRCGP1	5	
606232.2	4121420	0.12716	57.92	313.5	1.5	ANNUAL	SRCGP1	5	
606252.2	4121420	0.13682	57.96	313.5	1.5	ANNUAL	SRCGP1	5	
606272.2	4121420	0.14736	58.02	313.5	1.5	ANNUAL	SRCGP1	5	
606292.2	4121420	0.15882	58.1	313.5	1.5	ANNUAL	SRCGP1	5	
606312.2	4121420	0.17127	58.18	313.5	1.5	ANNUAL	SRCGP1	5	
606332.2	4121420	0.18495	58.12	313.5	1.5	ANNUAL	SRCGP1	5	
606352.2	4121420	0.19955	58.13	313.5	1.5	ANNUAL	SRCGP1	5	
606372.2	4121420	0.21501	58.21	313.5	1.5	ANNUAL	SRCGP1	5	
606392.2	4121420	0.2316	58.18	313.5	1.5	ANNUAL	SRCGP1	5	
606412.2	4121420	0.2488	58.25	313.5	1.5	ANNUAL	SRCGP1	5	
606432.2	4121420	0.26622	58.51	313.5	1.5	ANNUAL	SRCGP1	5	
606452.2	4121420	0.28554	58.21	313.5	1.5	ANNUAL	SRCGP1	5	
606472.2	4121420	0.30529	57.94	313.5	1.5	ANNUAL	SRCGP1	5	
606492.2	4121420	0.32438	58.01	313.5	1.5	ANNUAL	SRCGP1	5	
606512.2	4121420	0.34258	58.38	313.5	1.5	ANNUAL	SRCGP1	5	
606532.2	4121420	0.36117	58.56	313.5	1.5	ANNUAL	SRCGP1	5	
606552.2	4121420	0.38095	58.28	313.5	1.5	ANNUAL	SRCGP1	5	
606572.2	4121420	0.39986	58.14	313.5	1.5	ANNUAL	SRCGP1	5	
606592.2	4121420	0.41597	58.6	313.5	1.5	ANNUAL	SRCGP1	5	
606612.2	4121420	0.43258	58.68	313.5	1.5	ANNUAL	SRCGP1	5	
606632.2	4121420	0.44842	58.71	313.5	1.5	ANNUAL	SRCGP1	5	
606652.2	4121420	0.46322	58.72	313.5	1.5	ANNUAL	SRCGP1	5	
606672.2	4121420	0.47649	58.81	313.5	1.5	ANNUAL	SRCGP1	5	
606692.2	4121420	0.48858	58.86	313.5	1.5	ANNUAL	SRCGP1	5	
606712.2	4121420	0.49919	58.92	313.5	1.5	ANNUAL	SRCGP1	5	

606732.2	4121420	0.50839	58.96	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121420	0.51575	59.07	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121420	0.52159	59.16	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121420	0.52576	59.26	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121420	0.52801	59.44	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121420	0.5292	59.46	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121420	0.52843	59.58	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121420	0.52664	59.53	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121420	0.52291	59.61	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121420	0.51766	59.72	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121420	0.51155	59.66	313.5	1.5	ANNUAL	SRCGP1	5
606952.2	4121420	0.50532	59.18	313.5	1.5	ANNUAL	SRCGP1	5
606972.2	4121420	0.49542	59.62	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121420	0.48508	59.87	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121420	0.4745	59.87	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121420	0.46427	59.37	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121420	0.45197	59.49	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121440	0.04073	56.05	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121440	0.04121	56.13	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121440	0.04173	55.38	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121440	0.04229	56.09	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121440	0.04286	56.42	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121440	0.04351	56.49	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121440	0.04426	56.49	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121440	0.04507	56.63	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121440	0.04598	56.78	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121440	0.04703	56.87	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121440	0.04822	56.94	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121440	0.04958	56.97	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121440	0.05112	57.02	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121440	0.05282	57.15	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121440	0.05475	57.22	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121440	0.05691	57.31	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121440	0.05932	57.34	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121440	0.06199	57.37	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121440	0.06492	57.49	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121440	0.06815	57.6	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121440	0.07176	57.63	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121440	0.07574	57.68	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121440	0.08012	57.76	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121440	0.08518	57.5	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121440	0.09081	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121440	0.09666	57.57	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121440	0.10325	57.76	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121440	0.11067	57.79	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121440	0.11889	57.82	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121440	0.12791	57.9	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121440	0.13802	57.84	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121440	0.14892	57.95	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121440	0.16083	58.09	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121440	0.17407	58.08	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121440	0.18842	58.11	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121440	0.20375	58.26	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4121440	0.22032	58.36	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121440	0.23798	58.47	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121440	0.25682	58.51	313.5	1.5	ANNUAL	SRCGP1	5
606412.2	4121440	0.27669	58.5	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121440	0.29747	58.44	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121440	0.32018	57.94	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121440	0.34148	58.07	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121440	0.36282	58.23	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121440	0.38547	58	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121440	0.40744	57.91	313.5	1.5	ANNUAL	SRCGP1	5

606552.2	4121440	0.42845	57.95	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121440	0.44764	58.26	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121440	0.46655	58.41	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121440	0.4845	58.52	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121440	0.50111	58.64	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121440	0.51628	58.76	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121440	0.53008	58.83	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121440	0.54201	58.94	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121440	0.55245	58.98	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121440	0.56112	59	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121440	0.56766	59.07	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121440	0.57246	59.09	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121440	0.57531	59.11	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121440	0.57613	59.15	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121440	0.5749	59.23	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121440	0.57194	59.28	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121440	0.56716	59.35	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121440	0.56082	59.39	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121440	0.55285	59.46	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121440	0.54339	59.56	313.5	1.5	ANNUAL	SRCGP1	5
606952.2	4121440	0.53425	59.12	313.5	1.5	ANNUAL	SRCGP1	5
606972.2	4121440	0.52102	59.72	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121440	0.50829	59.82	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121440	0.49501	59.83	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121440	0.48162	59.6	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121440	0.46788	59.27	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121460	0.04321	56.11	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121460	0.04375	55.9	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121460	0.0443	55.4	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121460	0.04491	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121460	0.04551	56.46	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121460	0.04624	56.39	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121460	0.04707	55.88	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121460	0.04795	55.96	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121460	0.04895	56.13	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121460	0.05005	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121460	0.05129	56.31	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121460	0.0527	56.41	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121460	0.05429	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121460	0.0561	56.58	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121460	0.05813	56.68	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121460	0.0604	56.82	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121460	0.06296	56.86	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121460	0.06578	57.01	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121460	0.06896	57.03	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121460	0.07245	57.17	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121460	0.07632	57.29	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121460	0.08066	57.35	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121460	0.08558	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121460	0.09108	57.14	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121460	0.0971	57.2	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121460	0.10389	57.18	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121460	0.11142	57.21	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121460	0.11977	57.28	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121460	0.12906	57.35	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121460	0.13945	57.35	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121460	0.15091	57.38	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121460	0.16349	57.46	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121460	0.1773	57.55	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121460	0.19248	57.62	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121460	0.20901	57.7	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121460	0.22669	57.89	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4121460	0.24589	58	313.5	1.5	ANNUAL	SRCGP1	5

606372.2	4121460	0.26627	58.15	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121460	0.28818	58.16	313.5	1.5	ANNUAL	SRCGP1	5
606412.2	4121460	0.31106	58.19	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121460	0.33513	58.11	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121460	0.36048	57.85	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121460	0.38347	58.35	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121460	0.40785	58.47	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121460	0.43294	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121460	0.45799	58.19	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121460	0.48252	57.99	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121460	0.50572	57.88	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121460	0.52691	57.93	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121460	0.5462	58.06	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121460	0.56357	58.23	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121460	0.57914	58.38	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121460	0.59267	58.53	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121460	0.60431	58.63	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121460	0.61401	58.67	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121460	0.62154	58.68	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121460	0.62678	58.68	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121460	0.62968	58.68	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121460	0.63016	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121460	0.53008	59.77	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121460	0.51401	59.72	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121460	0.49755	59.63	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121460	0.48163	59.14	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121480	0.04593	56.28	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121480	0.04654	55.6	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121480	0.04716	55.65	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121480	0.04781	56.22	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121480	0.04846	56.48	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121480	0.04929	56.14	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121480	0.05014	55.72	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121480	0.05107	56.08	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121480	0.05211	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121480	0.05327	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121480	0.0546	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121480	0.05609	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121480	0.05777	56.32	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121480	0.05968	56.38	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121480	0.06184	56.43	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121480	0.06426	56.51	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121480	0.06701	56.52	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121480	0.07003	56.66	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121480	0.07347	56.66	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121480	0.0773	56.69	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121480	0.08151	56.84	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121480	0.08616	57.06	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121480	0.09134	57.31	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121480	0.09733	57.3	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121480	0.1041	57.23	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121480	0.11152	57.37	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121480	0.11998	57.37	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121480	0.12945	57.39	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121480	0.14002	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121480	0.15195	57.35	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121480	0.16507	57.39	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121480	0.17959	57.44	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121480	0.19557	57.52	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121480	0.21323	57.55	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121480	0.23242	57.64	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121480	0.25316	57.76	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4121480	0.27552	57.87	313.5	1.5	ANNUAL	SRCGP1	5

606372.2	4121480	0.29913	58.06	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121480	0.32454	58.09	313.5	1.5	ANNUAL	SRCGP1	5
606412.2	4121480	0.35192	57.89	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121480	0.38017	57.73	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121480	0.40774	57.9	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121480	0.43521	58.14	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121480	0.46244	58.4	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121480	0.48997	58.5	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121480	0.51732	58.49	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121480	0.54421	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121480	0.56929	58.34	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121480	0.59236	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121480	0.6139	58.32	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121480	0.63321	58.27	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121480	0.64992	58.25	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121480	0.66378	58.27	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121480	0.67481	58.31	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121480	0.68298	58.36	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121480	0.68806	58.46	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121480	0.69019	58.59	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121480	0.6898	58.68	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121480	0.68682	58.76	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121480	0.54952	59.83	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121480	0.53131	59.41	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121480	0.5122	59.21	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121480	0.49267	59.13	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121500	0.04897	56.09	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121500	0.04962	55.49	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121500	0.05032	56.02	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121500	0.05101	56.36	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121500	0.05176	56.42	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121500	0.05266	55.68	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121500	0.05355	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121500	0.05444	56.64	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121500	0.05552	56.7	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121500	0.05672	56.83	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121500	0.0581	56.85	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121500	0.05967	56.86	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121500	0.06141	56.96	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121500	0.06339	57.08	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121500	0.06567	57.09	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121500	0.06822	57.18	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121500	0.07115	57.13	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121500	0.07438	57.23	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121500	0.07807	57.21	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121500	0.08236	56.92	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121500	0.08697	56.99	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121500	0.09177	57.64	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121500	0.09747	57.83	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121500	0.10433	57.47	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121500	0.11198	57.27	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121500	0.12014	57.55	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121500	0.12933	57.84	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121500	0.14022	57.68	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121500	0.15213	57.78	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121500	0.16566	57.77	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121500	0.18074	57.79	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121500	0.19734	57.91	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121500	0.21577	58.01	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121500	0.23627	58.03	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121500	0.25842	58.18	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121500	0.28282	58.21	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4121500	0.30898	58.29	313.5	1.5	ANNUAL	SRCGP1	5

606372.2	4121500	0.33664	58.44	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121500	0.36637	58.43	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121500	0.43212	57.81	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121500	0.46565	57.65	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121500	0.49834	57.7	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121500	0.52922	58.02	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121500	0.55998	58.22	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121500	0.58925	58.47	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121500	0.61801	58.54	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121500	0.645	58.58	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121500	0.66987	58.59	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121500	0.69178	58.65	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121500	0.71103	58.67	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121500	0.72707	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121500	0.74002	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121500	0.74896	58.8	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121500	0.75488	58.84	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121500	0.75725	58.91	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121500	0.75617	59.01	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121500	0.75205	59.09	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121500	0.74563	59.04	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121500	0.56641	59.84	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121500	0.54412	59.76	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121500	0.522	59.62	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121500	0.50075	59.17	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121520	0.0523	55.62	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121520	0.05305	55.67	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121520	0.05382	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121520	0.05459	56.37	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121520	0.05549	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121520	0.05641	55.47	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121520	0.05735	56.33	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121520	0.05835	56.64	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121520	0.0595	56.78	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121520	0.0608	56.82	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121520	0.06228	56.78	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121520	0.06394	56.81	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121520	0.06582	56.81	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121520	0.0679	56.98	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121520	0.07033	56.97	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121520	0.07306	57.01	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121520	0.07613	57.12	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121520	0.0796	57.2	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121520	0.08356	57.22	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121520	0.08832	56.77	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121520	0.09331	56.91	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121520	0.09856	57.54	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121520	0.10477	57.84	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121520	0.11234	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121520	0.12092	57.29	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121520	0.13057	57.16	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121520	0.14137	57.17	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121520	0.15369	57.15	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121520	0.16735	57.3	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121520	0.18312	57.26	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121520	0.20052	57.38	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121520	0.22033	57.35	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121520	0.2409	57.9	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121520	0.26486	57.98	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121520	0.29171	57.89	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121520	0.32063	57.91	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4121520	0.35187	57.92	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121520	0.3851	57.95	313.5	1.5	ANNUAL	SRCGP1	5

606432.2	4121520	0.49348	58.1	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121520	0.531	58.17	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121520	0.56955	58.06	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121520	0.60828	57.85	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121520	0.64484	57.81	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121520	0.67819	57.98	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121520	0.70859	58.24	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121520	0.73665	58.44	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121520	0.76227	58.54	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121520	0.78442	58.63	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121520	0.80232	58.78	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121520	0.81747	58.76	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121520	0.8272	58.92	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121520	0.83351	58.98	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121520	0.83594	59.01	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121520	0.834	59.1	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121520	0.82846	59.16	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121520	0.81973	59.16	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121520	0.80775	59.15	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121520	0.75377	59.44	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121520	0.73207	59.43	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121520	0.71003	59.12	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121520	0.68509	59.23	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121520	0.65951	59.3	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121520	0.57961	59.98	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121520	0.55387	59.99	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121520	0.52874	59.92	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121520	0.50551	59.26	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121540	0.05596	55.39	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121540	0.05683	56.05	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121540	0.05768	56.25	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121540	0.05858	56.34	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121540	0.05954	56.37	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121540	0.0606	55.37	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121540	0.06163	56.42	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121540	0.06279	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121540	0.0641	56.43	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121540	0.06544	56.71	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121540	0.06705	56.62	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121540	0.06894	56.35	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121540	0.07084	56.66	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121540	0.07304	56.85	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121540	0.07564	56.84	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121540	0.07872	56.58	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121540	0.08196	56.81	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121540	0.08565	57	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121540	0.08986	57.14	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121540	0.09509	56.64	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121540	0.10048	56.86	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121540	0.1063	57.44	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121540	0.1131	57.82	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121540	0.1216	57.45	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121540	0.13118	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121540	0.14168	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121540	0.15403	57.36	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121540	0.16807	57.36	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121540	0.18392	57.45	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121540	0.20191	57.54	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121540	0.22267	57.46	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121540	0.24552	57.58	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121540	0.27052	57.88	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121540	0.29906	57.92	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121540	0.33016	58.05	313.5	1.5	ANNUAL	SRCGP1	5

606332.2	4121540	0.36475	58.01	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4121540	0.40176	58.04	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121540	0.65611	58.32	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121540	0.69893	58.3	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121540	0.74013	58.26	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121540	0.77901	58.2	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121540	0.81562	58.04	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121540	0.84735	58.01	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121540	0.87352	58.12	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121540	0.8949	58.24	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121540	0.91108	58.39	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121540	0.9227	58.48	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121540	0.9289	58.61	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121540	0.9305	58.69	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121540	0.92742	58.75	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121540	0.91947	58.85	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121540	0.9077	58.89	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121540	0.89217	58.91	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121540	0.8727	59.01	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121540	0.79791	59.44	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121540	0.7707	59.28	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121540	0.7419	59.2	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121540	0.71167	59.28	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121540	0.58887	60.12	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121540	0.56026	60.04	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121540	0.53264	59.88	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121540	0.50683	59.32	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121560	0.06001	55.31	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121560	0.061	55.47	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121560	0.06202	55.85	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121560	0.06307	55.96	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121560	0.06416	56.05	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121560	0.06531	55.3	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121560	0.06653	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121560	0.06782	56.27	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121560	0.06928	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121560	0.07073	56.51	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121560	0.07248	56.46	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121560	0.07455	56.05	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121560	0.07656	56.53	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121560	0.07893	56.71	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121560	0.08175	56.66	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121560	0.08523	56.08	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121560	0.08863	56.53	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121560	0.09248	56.94	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121560	0.09705	57.09	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121560	0.10283	56.53	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121560	0.1087	56.8	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121560	0.11518	57.31	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121560	0.12258	57.84	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121560	0.13221	57.36	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121560	0.14299	57.19	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121560	0.15475	57.47	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121560	0.1688	57.45	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121560	0.18481	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121560	0.20357	57.44	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121560	0.22458	57.55	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121560	0.24879	57.56	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121560	0.27666	57.43	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121560	0.30717	57.55	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121560	0.34098	57.71	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121560	0.3782	57.88	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121560	0.42041	57.72	313.5	1.5	ANNUAL	SRCGP1	5

606412.2	4121560	0.61201	57.97	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121560	0.81295	58.25	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121560	0.85585	58.57	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121560	0.89803	58.57	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121560	0.93602	58.54	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121560	0.96893	58.5	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121560	0.9963	58.44	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121560	1.01754	58.38	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121560	1.03193	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121560	1.03984	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121560	1.04113	58.41	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121560	1.03644	58.45	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121560	1.02614	58.49	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121560	1.01038	58.57	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121560	0.9902	58.63	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121560	0.96607	58.68	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121560	0.8047	59.31	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121560	0.76914	59.35	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121560	0.73321	59.45	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121560	0.5941	60.12	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121560	0.56386	59.57	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121560	0.53375	59.38	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121560	0.50464	59.31	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121580	0.0645	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121580	0.06563	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121580	0.06679	55.58	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121580	0.068	55.57	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121580	0.06926	55.5	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121580	0.07058	55.45	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121580	0.07198	55.54	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121580	0.07347	55.62	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121580	0.07507	55.68	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121580	0.07681	55.8	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121580	0.07873	55.9	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121580	0.08086	55.91	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121580	0.08324	55.89	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121580	0.08593	55.82	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121580	0.08898	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121580	0.09246	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121580	0.09642	56.04	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121580	0.10093	56.16	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121580	0.10598	56.29	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121580	0.11188	56.29	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121580	0.11814	56.77	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121580	0.12531	57.28	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121580	0.13368	57.7	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121580	0.14453	57.23	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121580	0.15665	57.13	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121580	0.17015	57.37	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121580	0.18617	57.44	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121580	0.20486	57.47	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121580	0.22725	57.23	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121580	0.25162	57.51	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121580	0.2804	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121580	0.31372	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121580	0.35033	57.57	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121580	0.39131	57.71	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121580	0.43635	57.89	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121580	0.48753	57.73	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121580	0.65767	57.88	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121580	1.00237	58.27	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121580	1.04505	58.53	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121580	1.08275	58.67	313.5	1.5	ANNUAL	SRCGP1	5

606572.2	4121580	1.11419	58.74	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121580	1.13873	58.75	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121580	1.1555	58.75	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121580	1.16368	58.81	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121580	1.16425	58.86	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121580	1.15726	58.93	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121580	1.14288	59.06	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121580	1.12464	58.93	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121580	1.09908	59	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121580	1.06898	59.05	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121580	1.03518	59.07	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121580	0.91602	59.51	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121580	0.87416	59.57	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121580	0.83226	59.57	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121580	0.79022	59.63	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121580	0.74908	59.62	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121580	0.59449	60.13	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121580	0.56103	59.82	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121580	0.52876	59.67	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121580	0.49849	59.39	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121600	0.06941	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121600	0.07071	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121600	0.07209	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121600	0.0735	56.1	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121600	0.07495	56.19	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121600	0.07645	56.26	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121600	0.07803	56.33	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121600	0.0797	56.39	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121600	0.0815	56.43	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121600	0.08342	56.51	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121600	0.08554	56.53	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121600	0.08789	56.53	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121600	0.09051	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121600	0.09345	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121600	0.09672	56.58	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121600	0.10051	56.55	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121600	0.10479	56.57	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121600	0.10965	56.64	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121600	0.1152	56.73	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121600	0.12152	56.86	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121600	0.12879	57	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121600	0.13712	57.21	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121600	0.14652	57.62	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121600	0.15878	57.16	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121600	0.17258	57.07	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121600	0.1881	57.31	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121600	0.20677	57.34	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121600	0.22884	57.31	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121600	0.25449	57.34	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121600	0.2848	57.26	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121600	0.31899	57.41	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121600	0.35852	57.49	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121600	0.40288	57.68	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121600	0.45323	57.77	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121600	0.50968	57.76	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4121600	0.5716	57.72	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121600	1.28997	58.54	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121600	1.30813	58.66	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121600	1.31523	58.87	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121600	1.31434	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121600	1.30429	59.03	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121600	1.28547	59.14	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121600	1.25984	59.18	313.5	1.5	ANNUAL	SRCGP1	5

606712.2	4121600	1.2276	59.22	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121600	1.1893	59.32	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121600	1.14668	59.41	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121600	1.10123	59.43	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121600	0.85391	59.63	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121600	0.80588	59.59	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121600	0.75959	59.48	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121600	0.71472	59.44	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121600	0.58979	60.16	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121600	0.55363	60.07	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121600	0.51958	59.99	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121600	0.48884	59.41	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121620	0.07469	53.92	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121620	0.07622	53.91	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121620	0.07784	54.22	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121620	0.0795	54.4	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121620	0.08123	54.57	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121620	0.08303	54.82	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121620	0.08492	55.04	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121620	0.08689	55.14	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121620	0.089	55.3	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121620	0.09126	55.41	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121620	0.0937	55.5	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121620	0.09637	55.63	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121620	0.09932	55.79	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121620	0.10261	55.97	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121620	0.10631	56.08	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121620	0.11051	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121620	0.11521	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121620	0.12057	56.34	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121620	0.12659	56.56	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121620	0.13366	56.66	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121620	0.14184	56.77	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121620	0.15119	56.98	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121620	0.16198	57.27	313.5	1.5	ANNUAL	SRCGP1	5
606092.2	4121620	0.17556	57.06	313.5	1.5	ANNUAL	SRCGP1	5
606112.2	4121620	0.19136	56.99	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121620	0.20985	57.02	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121620	0.23179	57.04	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121620	0.25802	57	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121620	0.2886	57.08	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121620	0.32484	57.1	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121620	0.36519	57.52	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121620	0.41367	57.59	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121620	0.47005	57.52	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121620	0.5329	57.57	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121620	0.6031	57.57	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121620	0.92462	58.45	313.5	1.5	ANNUAL	SRCGP1	5
606412.2	4121620	1.00992	58.63	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121620	1.09712	58.54	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121620	1.33134	58.13	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121620	1.39152	58.08	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121620	0.86776	59.61	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121620	0.81353	59.59	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121620	0.76212	59.49	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121620	0.71306	59.46	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121620	0.58118	59.81	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121620	0.54316	59.81	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121620	0.50811	59.67	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121620	0.47585	59.39	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121640	0.08073	55.44	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121640	0.08253	55.43	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121640	0.0844	55.4	313.5	1.5	ANNUAL	SRCGP1	5

605692.2	4121640	0.08633	55.37	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121640	0.08834	55.36	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121640	0.09044	55.34	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121640	0.09264	55.36	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121640	0.09494	55.33	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121640	0.09738	55.23	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121640	0.09998	55.16	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121640	0.10277	55	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121640	0.10582	54.94	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121640	0.10916	54.81	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121640	0.11287	54.74	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121640	0.11704	54.71	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121640	0.12174	54.67	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121640	0.12701	54.17	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121640	0.13308	53.9	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121640	0.14019	54.41	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121640	0.14834	54.59	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121640	0.15779	54.6	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121640	0.16883	54.56	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121640	0.18181	54.45	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121640	0.32751	57.43	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121640	0.36997	57.75	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121640	0.41874	58.28	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121640	0.47884	58.28	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121640	0.55137	57.87	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121640	0.63196	57.71	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121640	0.7177	57.94	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121640	1.58279	58.39	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121640	1.64079	58.5	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121640	1.68665	58.45	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121640	1.71403	58.52	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121640	1.72705	58.48	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121640	1.72293	58.5	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121640	1.70526	58.43	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121640	1.67201	58.48	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121640	0.75656	59.56	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121640	0.70387	59.6	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121640	0.56633	59.93	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121640	0.52728	59.99	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121640	0.49232	59.63	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121640	0.45998	59.29	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121660	0.08721	55.82	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121660	0.08933	55.88	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121660	0.09153	55.98	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121660	0.09382	56.04	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121660	0.0962	56.08	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121660	0.09867	56.16	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121660	0.10121	56.3	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121660	0.10393	56.31	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121660	0.10676	56.41	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121660	0.10977	56.49	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121660	0.11301	56.53	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121660	0.11649	56.62	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121660	0.12043	56.48	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121660	0.12469	56.48	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121660	0.12947	56.43	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121660	0.13472	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121660	0.14061	56.62	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121660	0.14739	56.69	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121660	0.15524	56.7	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121660	0.16416	56.82	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121660	0.17453	56.93	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121660	0.18678	57	313.5	1.5	ANNUAL	SRCGP1	5

606072.2	4121660	0.20118	57.11	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121660	0.2638	57.5	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121660	0.29429	57.54	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121660	0.33199	57.43	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121660	0.3767	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121660	0.42974	57.77	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121660	0.49163	58.2	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121660	0.56681	58.32	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121660	0.65531	58.3	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121660	0.75706	58.19	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121660	0.8681	58.25	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121660	1.25412	57.91	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121660	1.74209	57.82	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121660	1.9009	58.24	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121660	1.95408	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121660	1.98518	58.56	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121660	1.99702	58.67	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121660	1.98866	58.76	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121660	1.9618	58.81	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121660	1.91889	58.79	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121660	1.86018	58.82	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121660	1.78795	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121660	1.7078	59.01	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121660	1.62076	59.12	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121660	1.53085	59.16	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121660	1.43864	59.27	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121660	1.34781	59.27	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121660	1.26054	59.04	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121660	0.54728	59.98	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121660	0.50815	60	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121660	0.47336	59.61	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121660	0.44133	59.27	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121680	0.12499	56.38	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121680	0.12899	56.63	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121680	0.13361	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121680	0.1389	56.13	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121680	0.14444	56.06	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121680	0.15063	56.13	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121680	0.15747	56.27	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121680	0.16524	56.39	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121680	0.17423	56.44	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121680	0.18452	56.56	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121680	0.19653	56.65	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121680	0.21064	56.75	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121680	0.22729	56.9	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121680	0.59062	57.61	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121680	0.68817	57.79	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121680	0.80711	57.57	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121680	0.9422	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121680	1.56148	58	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121680	1.72335	57.92	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121680	2.0016	58.24	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121680	2.29466	58.51	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121680	2.23496	58.53	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121680	2.15516	58.6	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121680	2.06005	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121680	1.95456	58.79	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121680	1.84195	58.91	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121680	1.72672	58.99	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121680	1.61019	59.15	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121680	1.49672	59.22	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121680	1.38758	59.22	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121680	1.28567	58.93	313.5	1.5	ANNUAL	SRCGP1	5

606992.2	4121680	0.52455	59.99	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121680	0.48589	60.02	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121680	0.4517	59.66	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121680	0.42046	59.33	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121700	0.10193	56.02	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121700	0.10485	56.16	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121700	0.10791	56.13	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121700	0.1111	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121700	0.11444	56.18	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121700	0.11788	56.34	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121700	0.1216	56.27	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121700	0.12544	56.35	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121700	0.12957	56.31	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121700	0.13859	56.3	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121700	0.14332	56.64	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121700	0.14875	56.58	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121700	0.15508	56.1	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121700	0.16163	55.98	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121700	0.16892	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121700	0.17712	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121700	0.18628	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121700	0.1968	56.3	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121700	0.20901	56.33	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121700	0.22307	56.43	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121700	0.2398	56.47	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121700	0.25965	56.55	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121700	0.394	57.05	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121700	0.45141	57.03	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121700	0.52129	57.26	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121700	0.60801	57.51	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121700	0.71593	57.64	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121700	0.84576	57.79	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121700	1.00286	57.66	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121700	1.18325	57.48	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121700	1.97499	58.1	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121700	2.16801	58.07	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121700	2.4862	58.3	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121700	2.70924	58.11	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121700	2.76381	58.18	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121700	2.78448	58.17	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121700	2.77442	57.97	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121700	1.81498	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121700	1.67238	58.8	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121700	1.53725	58.83	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121700	1.40941	58.92	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121700	1.29194	58.82	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121700	0.49864	60.06	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121700	0.46097	60.15	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121700	0.42786	59.85	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121700	0.39827	59.36	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121720	0.11024	56.06	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121720	0.11366	56.11	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121720	0.11724	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121720	0.12094	56.37	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121720	0.12488	56.42	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121720	0.12905	56.44	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121720	0.13342	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121720	0.13803	56.56	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121720	0.14312	56.32	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121720	0.15408	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121720	0.15979	56.58	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121720	0.16633	56.54	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121720	0.17386	56.11	313.5	1.5	ANNUAL	SRCGP1	5

605912.2	4121720	0.18158	56.25	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121720	0.18973	56.64	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121720	0.19933	56.7	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121720	0.2101	56.8	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121720	0.22243	56.89	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121720	0.23683	56.89	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121720	0.2535	56.93	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121720	0.27279	57.1	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121720	0.29633	57.13	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121720	0.40743	56.84	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121720	0.46364	56.98	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121720	0.53666	56.97	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121720	0.62768	57.19	313.5	1.5	ANNUAL	SRCGP1	5
606212.2	4121720	0.74299	57.44	313.5	1.5	ANNUAL	SRCGP1	5
606232.2	4121720	0.88805	57.64	313.5	1.5	ANNUAL	SRCGP1	5
606252.2	4121720	1.06687	57.74	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4121720	1.2793	57.76	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121720	1.5266	57.52	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121720	2.53973	58.17	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121720	2.7733	57.99	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121720	3.11006	58.42	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121720	3.31487	58.2	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121720	3.33468	58.35	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121720	3.30571	58.5	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121720	3.25058	58.11	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121720	3.13094	58.3	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121720	2.97455	58.63	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121720	2.80678	58.56	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121720	2.62953	58.23	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121720	2.4357	58.28	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121720	2.24025	58.44	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121720	2.05213	58.51	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121720	1.87507	58.43	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121720	1.70647	58.53	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121720	1.55013	58.65	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121720	1.40721	58.72	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121720	1.27786	58.69	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121720	0.47063	60.13	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121720	0.43516	60.03	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121720	0.40387	59.65	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121720	0.37519	59.45	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121740	0.11922	55.82	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121740	0.12323	55.8	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121740	0.12744	56.02	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121740	0.13183	56.29	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121740	0.1365	56.37	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121740	0.14158	56.18	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121740	0.14682	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121740	0.15226	56.48	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121740	0.15836	56.28	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121740	0.17163	56.19	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121740	0.17859	56.57	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121740	0.18661	56.47	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121740	0.19567	56.07	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121740	0.20518	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121740	0.21502	56.62	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121740	0.2266	56.72	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121740	0.23939	56.96	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121740	0.25448	56.96	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121740	0.27206	56.9	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121740	0.29216	56.98	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121740	0.31614	56.99	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121740	0.34456	57.09	313.5	1.5	ANNUAL	SRCGP1	5

606392.2	4121740	3.59015	57.93	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121740	3.91901	58.53	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121740	4.06762	58.31	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121740	4.02409	58.55	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121740	3.92653	58.58	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121740	3.78995	58.15	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121740	3.57576	58.38	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121740	3.32481	58.81	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121740	3.07289	58.81	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121740	2.82764	58.35	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121740	2.57023	58.52	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121740	2.32203	58.87	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121740	2.09187	59.18	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121740	1.8921	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121740	1.70066	58.88	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121740	1.52584	59.26	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121740	1.37186	59.4	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121740	1.24063	58.84	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121740	1.1168	59.09	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121740	1.00623	59.44	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121740	0.91006	59.51	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121740	0.82408	59.7	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121740	0.74898	59.67	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121740	0.68171	59.76	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121740	0.62208	59.82	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121740	0.5691	59.86	313.5	1.5	ANNUAL	SRCGP1	5
606952.2	4121740	0.52195	59.88	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121740	0.44291	59.68	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121740	0.40923	59.66	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121740	0.37882	59.72	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121740	0.3517	59.67	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121760	0.12891	55.76	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121760	0.13852	55.75	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121760	0.14373	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121760	0.14928	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121760	0.16157	56.08	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121760	0.16804	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121760	0.17544	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121760	0.19151	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121760	0.20005	56.59	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121760	0.21007	56.33	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121760	0.22097	55.9	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121760	0.2327	55.93	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121760	0.2456	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121760	0.25999	56.29	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121760	0.27538	56.74	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121760	0.29387	56.81	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121760	0.31561	56.76	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121760	0.34082	56.78	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121760	0.3708	56.78	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121760	0.40671	56.83	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121760	4.42516	57.94	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121760	4.98246	58.53	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121760	5.00942	58.37	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121760	4.85517	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121760	4.64305	58.59	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121760	4.37514	58.16	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121760	4.02648	58.4	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121760	3.65329	58.87	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121760	3.30026	58.9	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121760	2.97455	58.46	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121760	2.65467	58.61	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121760	2.35912	58.96	313.5	1.5	ANNUAL	SRCGP1	5

606672.2	4121760	2.09514	59.24	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121760	1.87037	58.84	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121760	1.66307	59	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121760	1.4778	59.4	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121760	1.31897	59.45	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121760	1.18506	58.89	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121760	1.05993	59.24	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121760	0.95065	59.57	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121760	0.85721	59.54	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121760	0.77467	59.59	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121760	0.70248	59.56	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121760	0.63875	59.55	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121760	0.58282	59.45	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121760	0.533	59.43	313.5	1.5	ANNUAL	SRCGP1	5
606952.2	4121760	0.48866	59.45	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121760	0.41315	59.84	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121760	0.38109	60.17	313.5	1.5	ANNUAL	SRCGP1	5
607032.2	4121760	0.35305	60.22	313.5	1.5	ANNUAL	SRCGP1	5
607052.2	4121760	0.32827	60.08	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121780	0.13933	55.73	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121780	0.15052	55.83	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121780	0.15663	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121780	0.1632	56.22	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121780	0.1778	56.07	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121780	0.18565	56.42	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121780	0.19456	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121780	0.21401	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121780	0.22475	56.44	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121780	0.23696	56.27	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121780	0.25033	55.8	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121780	0.26488	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121780	0.28107	56.1	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121780	0.29923	56.16	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121780	0.34091	56.96	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121780	0.43893	56.75	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121780	0.48438	56.91	313.5	1.5	ANNUAL	SRCGP1	5
606132.2	4121780	0.705	57.48	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121780	0.83421	57.4	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121780	1.01404	57.29	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121780	1.26413	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121780	4.0176	58.1	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121780	4.63186	58.02	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121780	5.93427	58.13	313.5	1.5	ANNUAL	SRCGP1	5
606392.2	4121780	6.1994	58.08	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121780	6.37884	58.64	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121780	6.18295	58.48	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121780	5.84872	58.72	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121780	5.42931	58.64	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121780	4.95751	58.28	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121780	4.42991	58.51	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121780	3.91404	58.93	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121780	3.45481	58.88	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121780	3.04738	58.52	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121780	2.6704	58.69	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121780	2.3367	59.02	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121780	2.0481	59.28	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121780	1.80896	58.84	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121780	1.59245	59.07	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121780	1.40468	59.4	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121780	1.24506	59.52	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121780	1.11343	58.94	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121780	0.99439	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121780	0.89082	59.01	313.5	1.5	ANNUAL	SRCGP1	5

606832.2	4121780	0.80091	59.06	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121780	0.72248	59.13	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121780	0.65363	59.27	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121780	0.59339	59.4	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121780	0.54018	59.61	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121780	0.49337	59.81	313.5	1.5	ANNUAL	SRCGP1	5
606952.2	4121780	0.45207	60	313.5	1.5	ANNUAL	SRCGP1	5
606992.2	4121780	0.38366	60.11	313.5	1.5	ANNUAL	SRCGP1	5
607012.2	4121780	0.35507	60.11	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121800	0.15051	55.57	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121800	0.16352	55.68	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121800	0.17072	56.06	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121800	0.17845	55.93	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121800	0.19572	56.02	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121800	0.2053	56.25	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121800	0.21588	56.05	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121800	0.23963	56.14	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121800	0.25269	56.47	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121800	0.26778	56.29	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121800	0.28442	55.74	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121800	0.30254	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121800	0.32184	56.58	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121800	0.34418	56.73	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121800	0.39853	57.08	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121800	0.52505	56.84	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121800	0.58338	57.22	313.5	1.5	ANNUAL	SRCGP1	5
606152.2	4121800	1.06748	57.69	313.5	1.5	ANNUAL	SRCGP1	5
606172.2	4121800	1.33306	57.51	313.5	1.5	ANNUAL	SRCGP1	5
606192.2	4121800	1.72715	57.58	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4121800	6.02832	58.16	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4121800	6.73957	58.27	313.5	1.5	ANNUAL	SRCGP1	5
606372.2	4121800	8.11188	58.12	313.5	1.5	ANNUAL	SRCGP1	5
606432.2	4121800	8.28133	58.67	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121800	7.65726	58.48	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121800	6.97811	58.7	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121800	6.21274	58.72	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121800	5.43797	58.73	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121800	4.70905	58.84	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121800	4.05727	59	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121800	3.49814	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121800	3.01539	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121800	2.60168	59.03	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121800	2.24892	59.2	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121800	1.95135	59.33	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121800	1.70152	59.34	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121800	1.48907	59.41	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121800	1.30814	59.54	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121800	1.15531	59.57	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121800	1.03005	59	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121800	0.91495	59.39	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121800	0.81816	59.5	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121800	0.73458	59.63	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121800	0.66248	59.71	313.5	1.5	ANNUAL	SRCGP1	5
606872.2	4121800	0.59953	59.85	313.5	1.5	ANNUAL	SRCGP1	5
606892.2	4121800	0.5447	59.97	313.5	1.5	ANNUAL	SRCGP1	5
606912.2	4121800	0.49664	60.1	313.5	1.5	ANNUAL	SRCGP1	5
606932.2	4121800	0.45505	60.03	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121860	0.18923	55.39	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121860	0.19865	54.86	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121860	0.20915	55.28	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121860	0.22057	55.7	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121860	0.23291	55.67	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121860	0.24629	55.24	313.5	1.5	ANNUAL	SRCGP1	5

605752.2	4121860	0.26124	55.53	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121860	0.27765	55.85	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121860	0.29574	56.02	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121860	0.31582	55.58	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121860	0.33827	55.82	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121860	0.36337	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121860	0.3915	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121860	0.42377	55.73	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121860	0.46038	56.03	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121860	0.50159	56.36	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121860	0.54941	56.55	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121860	0.60555	56.72	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121860	0.67252	56.84	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121860	0.75291	57.02	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121860	0.8522	57.18	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121860	0.97922	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121860	1.14953	57.16	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121860	2.41407	58.8	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121860	2.01358	59.3	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121860	1.7008	59.65	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121860	1.45729	59.6	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121860	1.25935	59.59	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121860	1.09622	59.68	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121860	0.96326	59.59	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121860	0.85183	59.56	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121860	0.76051	59.2	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121860	0.67909	59.44	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121860	0.6104	59.57	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121860	0.5516	59.67	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121860	0.50074	59.79	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121880	0.20415	55.56	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121880	0.21492	54.97	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121880	0.22703	55.5	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121880	0.24015	55.91	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121880	0.25451	55.81	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121880	0.27019	55.32	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121880	0.28781	55.72	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121880	0.30715	56.18	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121880	0.32882	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121880	0.35304	55.63	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121880	0.38029	55.9	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121880	0.41037	56.41	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121880	0.44511	56.49	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121880	0.48649	55.84	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121880	0.533	56.09	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121880	0.58684	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121880	0.64889	56.53	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121880	0.72367	56.7	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121880	0.8137	56.92	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121880	0.92516	57.09	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121880	1.0655	57.3	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121880	1.24997	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121880	1.50183	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121880	15.0369	58.72	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121880	11.10261	58.93	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121880	8.32644	58.94	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121880	6.34285	58.94	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121880	4.91118	58.99	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121880	3.87391	58.98	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121880	3.12575	58.58	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121880	2.54913	58.55	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121880	2.10009	58.89	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121880	1.74996	59.44	313.5	1.5	ANNUAL	SRCGP1	5

606652.2	4121880	1.4796	59.84	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121880	1.27384	59.63	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121880	1.10412	59.68	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121880	0.96515	59.76	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121880	0.85132	59.73	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121880	0.75632	59.69	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121880	0.6783	59.33	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121880	0.60828	59.59	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121880	0.54895	59.76	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121880	0.49794	59.92	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121880	0.45391	60.04	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121900	0.22019	55.74	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121900	0.23247	54.98	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121900	0.24633	55.45	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121900	0.26148	55.88	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121900	0.27813	55.94	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121900	0.29645	55.35	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121900	0.31713	55.74	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121900	0.33982	56.28	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121900	0.36574	56.2	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121900	0.39499	55.66	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121900	0.42804	56.01	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121900	0.46461	56.52	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121900	0.50762	56.6	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121900	0.55988	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121900	0.61906	55.86	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121900	0.68913	55.96	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121900	0.77316	56.1	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121900	0.87365	56.34	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121900	0.99876	56.46	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121900	1.1569	56.6	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121900	1.36302	56.73	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121900	1.63517	57.12	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121900	2.01633	57.56	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121900	14.20309	58.71	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121900	10.16881	58.9	313.5	1.5	ANNUAL	SRCGP1	5
606492.2	4121900	7.40272	58.94	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121900	5.50844	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121900	4.20282	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606552.2	4121900	3.28586	58.98	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121900	2.64257	58.66	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121900	2.15754	58.66	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121900	1.7852	58.96	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121900	1.49566	59.49	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121900	1.27302	59.84	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121900	1.10402	59.56	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121900	0.96107	59.8	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121900	0.84583	59.84	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121900	0.75074	59.8	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121900	0.67115	59.72	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121900	0.604	59.58	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121900	0.54556	59.64	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121900	0.49535	59.69	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121900	0.4519	59.73	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121900	0.41397	59.79	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121920	0.23746	55.77	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121920	0.2515	55.08	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121920	0.26735	55.52	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121920	0.28475	55.96	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121920	0.30403	56.03	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121920	0.3254	55.4	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121920	0.3496	55.84	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121920	0.37646	56.25	313.5	1.5	ANNUAL	SRCGP1	5

605792.2	4121920	0.40732	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121920	0.44233	55.71	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121920	0.48235	56.11	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121920	0.52683	56.61	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121920	0.58067	56.54	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121920	0.64579	55.89	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121920	0.72034	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121920	0.80791	56.6	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121920	0.91593	56.78	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121920	1.04993	56.94	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121920	1.22039	57.03	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121920	1.44028	57.22	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121920	1.73662	57.35	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121920	2.15009	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121920	2.76367	57.65	313.5	1.5	ANNUAL	SRCGP1	5
606452.2	4121920	12.60935	58.81	313.5	1.5	ANNUAL	SRCGP1	5
606472.2	4121920	8.70155	58.89	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121920	3.41282	58.98	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121920	2.16144	59.02	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121920	1.7847	58.95	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121920	1.4962	59.06	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121920	1.2666	59.57	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121920	1.08851	59.92	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121920	0.95166	59.72	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121920	0.83316	60.21	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121920	0.73813	60.37	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121920	0.65988	60.34	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121920	0.59352	60.33	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121920	0.53724	60.24	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121920	0.48842	60.23	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121920	0.44596	60.26	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121920	0.40884	60.32	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121920	0.37682	60.2	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121940	0.25613	55.83	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121940	0.27233	55.73	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121940	0.29026	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121940	0.3102	56.07	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121940	0.33242	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121940	0.35743	56.07	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121940	0.38559	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121940	0.41708	56.32	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121940	0.45381	56.19	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121940	0.49577	55.69	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121940	0.5438	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121940	0.59853	56.6	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121940	0.66447	56.63	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121940	0.7461	55.91	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121940	0.83925	56.41	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121940	0.95173	56.79	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121940	1.09232	57.02	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121940	1.2717	57.1	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121940	1.50458	57.15	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121940	1.81142	57.41	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121940	2.24125	57.53	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121940	2.87663	57.57	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121940	3.89116	57.6	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121940	2.65891	59.13	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121940	1.74695	59.3	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121940	1.47039	59.07	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121940	1.25097	59.18	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121940	1.07306	59.68	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121940	0.93398	59.92	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121940	0.8247	59.72	313.5	1.5	ANNUAL	SRCGP1	5

606692.2	4121940	0.72821	60.26	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121940	0.64968	60.53	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121940	0.58552	60.42	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121940	0.53	60.44	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121940	0.4819	60.53	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121940	0.44034	60.59	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121940	0.40461	60.79	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121940	0.37297	60.82	313.5	1.5	ANNUAL	SRCGP1	5
606852.2	4121940	0.34501	60.44	313.5	1.5	ANNUAL	SRCGP1	5
605632.2	4121960	0.27634	55.85	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121960	0.29473	55.89	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121960	0.31518	56.01	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121960	0.33804	56.04	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121960	0.3637	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121960	0.39248	56.23	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121960	0.42526	56.25	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121960	0.46238	56.37	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121960	0.50611	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121960	0.55601	55.81	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121960	0.61289	56.44	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121960	0.67991	56.7	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121960	0.76155	56.59	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121960	0.86235	55.98	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121960	0.9793	56.44	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121960	1.12486	56.62	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4121960	1.30696	56.88	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121960	1.54562	56.82	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121960	1.858	56.93	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121960	2.28411	57.06	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121960	2.88916	57.27	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121960	3.81272	57.27	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121960	5.30066	57.32	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121960	1.42494	59.37	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121960	1.2232	59.04	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121960	1.05469	59.3	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121960	0.91702	59.78	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121960	0.8087	59.85	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121960	0.72066	59.68	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121960	0.64163	60.27	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121960	0.5771	60.5	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121960	0.52555	59.99	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121960	0.47777	60.21	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121960	0.4369	60.29	313.5	1.5	ANNUAL	SRCGP1	5
606792.2	4121960	0.40143	60.3	313.5	1.5	ANNUAL	SRCGP1	5
606812.2	4121960	0.36939	60.95	313.5	1.5	ANNUAL	SRCGP1	5
606832.2	4121960	0.34182	61.06	313.49	1.5	ANNUAL	SRCGP1	5
606852.2	4121960	0.31753	60.64	313.49	1.5	ANNUAL	SRCGP1	5
605632.2	4121980	0.29823	55.56	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4121980	0.31907	55.59	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4121980	0.34236	55.6	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4121980	0.36852	55.62	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4121980	0.39804	55.76	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4121980	0.43152	55.91	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4121980	0.46972	56.03	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4121980	0.51361	56.13	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4121980	0.56439	56.02	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4121980	0.62358	56.01	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4121980	0.69122	56.54	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4121980	0.77239	56.74	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4121980	0.87318	56.39	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4121980	0.9952	56.1	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4121980	1.14189	56.29	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4121980	1.32627	56.33	313.5	1.5	ANNUAL	SRCGP1	5

605952.2	4121980	1.56225	56.28	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4121980	1.86789	56.31	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4121980	2.27297	56.46	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4121980	2.83259	56.53	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4121980	3.63592	56.51	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4121980	4.8302	56.55	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4121980	6.67121	56.68	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4121980	1.96974	59.33	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4121980	1.63873	59.19	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4121980	1.18536	59.39	313.5	1.5	ANNUAL	SRCGP1	5
606592.2	4121980	1.03191	59.17	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4121980	0.90228	59.39	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4121980	0.79431	59.8	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4121980	0.70786	59.8	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4121980	0.6361	59.63	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4121980	0.5708	60.23	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4121980	0.51764	60.31	313.5	1.5	ANNUAL	SRCGP1	5
606732.2	4121980	0.47366	59.92	313.5	1.5	ANNUAL	SRCGP1	5
606752.2	4121980	0.43136	60.62	313.5	1.5	ANNUAL	SRCGP1	5
606772.2	4121980	0.39705	60.75	313.49	1.5	ANNUAL	SRCGP1	5
606792.2	4121980	0.36692	60.42	313.49	1.5	ANNUAL	SRCGP1	5
606812.2	4121980	0.33924	61.02	312.87	1.5	ANNUAL	SRCGP1	5
606832.2	4121980	0.31494	61.24	61.24	1.5	ANNUAL	SRCGP1	5
606852.2	4121980	0.29448	60.87	60.87	1.5	ANNUAL	SRCGP1	5
605632.2	4122000	0.32175	55.03	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4122000	0.34532	55.11	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4122000	0.37178	55.17	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4122000	0.40165	55.28	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4122000	0.43548	55.34	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4122000	0.47401	55.33	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4122000	0.51831	55.43	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4122000	0.56941	55.47	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4122000	0.629	55.61	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4122000	0.69873	56.01	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4122000	0.779	56.55	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4122000	0.87585	56.76	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4122000	0.99746	56.29	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4122000	1.14266	56.27	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4122000	1.31669	56.8	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4122000	1.5396	56.92	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4122000	1.83246	56.5	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4122000	2.20769	56.47	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4122000	2.69404	56.97	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4122000	3.36554	57.12	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4122000	4.33002	56.72	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4122000	5.69953	56.73	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4122000	7.6672	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4122000	18.66935	58.13	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4122000	15.99918	58.23	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4122000	13.90659	58.26	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4122000	12.06415	58.24	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4122000	1.58678	59.49	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4122000	1.34694	59.37	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4122000	0.78361	59.48	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4122000	0.69627	59.92	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4122000	0.6256	59.92	313.5	1.5	ANNUAL	SRCGP1	5
606672.2	4122000	0.56615	59.77	313.5	1.5	ANNUAL	SRCGP1	5
606692.2	4122000	0.51218	60.24	313.5	1.5	ANNUAL	SRCGP1	5
606712.2	4122000	0.46751	60.26	313.49	1.5	ANNUAL	SRCGP1	5
606732.2	4122000	0.43011	59.84	313.49	1.5	ANNUAL	SRCGP1	5
606752.2	4122000	0.39391	60.49	313.48	1.5	ANNUAL	SRCGP1	5
606772.2	4122000	0.3634	60.84	60.84	1.5	ANNUAL	SRCGP1	5
606792.2	4122000	0.33746	60.49	60.49	1.5	ANNUAL	SRCGP1	5

606812.2	4122000	0.3131	61.1	61.1	1.5	ANNUAL	SRCGP1	5
606832.2	4122000	0.29193	61.23	61.23	1.5	ANNUAL	SRCGP1	5
606852.2	4122000	0.27384	60.87	60.87	1.5	ANNUAL	SRCGP1	5
605632.2	4122020	0.34775	55.56	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4122020	0.37436	55.7	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4122020	0.4043	55.68	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4122020	0.4382	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4122020	0.47679	55.92	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4122020	0.52099	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4122020	0.57191	55.86	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4122020	0.63097	55.89	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4122020	0.69994	56.08	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4122020	0.78062	56.26	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4122020	0.87556	56.52	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4122020	0.989	56.81	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4122020	1.12981	56.61	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4122020	1.30065	56.61	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4122020	1.50973	56.85	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4122020	1.7736	56.95	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4122020	2.11349	56.8	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4122020	2.55072	56.79	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4122020	3.11793	57.07	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4122020	3.87818	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4122020	4.93544	56.99	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4122020	6.40025	56.95	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4122020	8.45906	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4122020	17.55654	58.35	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4122020	13.84397	59.31	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4122020	11.50844	59.32	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4122020	9.71505	59.3	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4122020	8.20879	59.14	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4122020	1.32489	59.43	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4122020	1.13786	59.46	313.5	1.5	ANNUAL	SRCGP1	5
606612.2	4122020	0.6893	59.61	313.5	1.5	ANNUAL	SRCGP1	5
606632.2	4122020	0.61788	59.97	313.5	1.5	ANNUAL	SRCGP1	5
606652.2	4122020	0.55912	59.95	313.49	1.5	ANNUAL	SRCGP1	5
606672.2	4122020	0.5089	59.85	313.49	1.5	ANNUAL	SRCGP1	5
606692.2	4122020	0.46342	60.25	313.48	1.5	ANNUAL	SRCGP1	5
606712.2	4122020	0.42529	60.24	60.24	1.5	ANNUAL	SRCGP1	5
606732.2	4122020	0.3932	59.77	59.77	1.5	ANNUAL	SRCGP1	5
606752.2	4122020	0.36179	60.42	60.42	1.5	ANNUAL	SRCGP1	5
606772.2	4122020	0.33463	60.85	60.85	1.5	ANNUAL	SRCGP1	5
606792.2	4122020	0.31221	60.48	60.48	1.5	ANNUAL	SRCGP1	5
606812.2	4122020	0.29055	61.07	61.07	1.5	ANNUAL	SRCGP1	5
606832.2	4122020	0.27209	61.04	61.04	1.5	ANNUAL	SRCGP1	5
606852.2	4122020	0.25553	60.63	60.63	1.5	ANNUAL	SRCGP1	5
605632.2	4122040	0.37561	55.8	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4122040	0.40548	55.84	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4122040	0.43923	55.92	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4122040	0.47757	56	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4122040	0.52136	56.09	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4122040	0.57166	56.09	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4122040	0.62979	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4122040	0.69717	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4122040	0.77593	56.3	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4122040	0.86831	56.49	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4122040	0.97857	56.6	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4122040	1.11063	56.73	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4122040	1.27133	56.74	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4122040	1.46697	56.83	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4122040	1.70804	56.95	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4122040	2.00861	57.07	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4122040	2.38999	57.05	313.5	1.5	ANNUAL	SRCGP1	5

605972.2	4122040	2.87457	57.14	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4122040	3.50032	57.23	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4122040	4.32201	57.25	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4122040	5.41771	57.24	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4122040	6.90651	57.27	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4122040	8.98605	57.36	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4122040	13.62149	58.46	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4122040	10.39706	59.32	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4122040	8.44193	59.36	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4122040	7.01332	59.37	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4122040	5.85491	59.25	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4122040	1.12979	59.41	313.5	1.5	ANNUAL	SRCGP1	5
606532.2	4122040	0.97969	59.52	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4122040	0.76255	59.64	313.49	1.5	ANNUAL	SRCGP1	5
606592.2	4122040	0.68345	59.39	313.49	1.5	ANNUAL	SRCGP1	5
606612.2	4122040	0.61332	59.7	313.48	1.5	ANNUAL	SRCGP1	5
606632.2	4122040	0.55411	59.94	313.48	1.5	ANNUAL	SRCGP1	5
606652.2	4122040	0.5046	59.87	312.87	1.5	ANNUAL	SRCGP1	5
606672.2	4122040	0.46155	59.82	59.82	1.5	ANNUAL	SRCGP1	5
606692.2	4122040	0.42238	60.25	60.25	1.5	ANNUAL	SRCGP1	5
606712.2	4122040	0.38943	60.23	60.23	1.5	ANNUAL	SRCGP1	5
606732.2	4122040	0.36162	59.7	59.7	1.5	ANNUAL	SRCGP1	5
606752.2	4122040	0.33411	60.35	60.35	1.5	ANNUAL	SRCGP1	5
606772.2	4122040	0.30983	60.76	60.76	1.5	ANNUAL	SRCGP1	5
606792.2	4122040	0.29049	60.31	60.31	1.5	ANNUAL	SRCGP1	5
606812.2	4122040	0.27101	60.87	60.87	1.5	ANNUAL	SRCGP1	5
606832.2	4122040	0.25459	60.81	60.81	1.5	ANNUAL	SRCGP1	5
606852.2	4122040	0.23985	60.43	60.43	1.5	ANNUAL	SRCGP1	5
605632.2	4122060	0.40554	55.67	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4122060	0.43895	55.84	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4122060	0.47679	55.99	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4122060	0.5199	55.85	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4122060	0.56923	55.86	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4122060	0.62599	55.96	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4122060	0.69169	56.03	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4122060	0.7682	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4122060	0.85778	56.17	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4122060	0.96293	56.29	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4122060	1.08775	56.42	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4122060	1.23736	56.51	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4122060	1.41766	56.61	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4122060	1.63738	56.64	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4122060	1.90343	56.94	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4122060	2.23398	57.06	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4122060	2.64883	56.99	313.5	1.5	ANNUAL	SRCGP1	5
605972.2	4122060	3.16104	57.33	313.5	1.5	ANNUAL	SRCGP1	5
605992.2	4122060	3.81723	57.38	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4122060	4.66072	57.39	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4122060	5.75418	57.52	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4122060	7.23493	57.38	313.5	1.5	ANNUAL	SRCGP1	5
606072.2	4122060	9.26756	57.42	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4122060	9.75173	58.86	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4122060	7.49287	59.32	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4122060	6.13034	59.41	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4122060	5.14495	59.3	313.5	1.5	ANNUAL	SRCGP1	5
606352.2	4122060	4.31703	59.31	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4122060	0.67497	59.95	59.95	1.5	ANNUAL	SRCGP1	5
606592.2	4122060	0.61006	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606612.2	4122060	0.55102	59.76	59.76	1.5	ANNUAL	SRCGP1	5
606632.2	4122060	0.50117	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606652.2	4122060	0.45868	59.82	59.82	1.5	ANNUAL	SRCGP1	5
606672.2	4122060	0.42155	59.76	59.76	1.5	ANNUAL	SRCGP1	5
606692.2	4122060	0.38771	60.13	60.13	1.5	ANNUAL	SRCGP1	5

606712.2	4122060	0.35877	60.16	60.16	1.5	ANNUAL	SRCGP1	5
606732.2	4122060	0.33413	59.71	59.71	1.5	ANNUAL	SRCGP1	5
606752.2	4122060	0.30991	60.34	60.34	1.5	ANNUAL	SRCGP1	5
606772.2	4122060	0.28911	60.53	60.53	1.5	ANNUAL	SRCGP1	5
606792.2	4122060	0.27142	60.11	60.11	1.5	ANNUAL	SRCGP1	5
606812.2	4122060	0.2535	60.76	60.76	1.5	ANNUAL	SRCGP1	5
606832.2	4122060	0.23879	60.69	60.69	1.5	ANNUAL	SRCGP1	5
606852.2	4122060	0.22571	60.34	60.34	1.5	ANNUAL	SRCGP1	5
607052.2	4122060	0.1378	60.26	60.26	1.5	ANNUAL	SRCGP1	5
605632.2	4122080	0.43728	55.28	313.5	1.5	ANNUAL	SRCGP1	5
605652.2	4122080	0.47465	55.67	313.5	1.5	ANNUAL	SRCGP1	5
605672.2	4122080	0.51681	55.87	313.5	1.5	ANNUAL	SRCGP1	5
605692.2	4122080	0.5647	55.44	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4122080	0.61994	55.65	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4122080	0.68333	55.76	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4122080	0.7567	55.69	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4122080	0.84208	55.78	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4122080	0.94197	55.93	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4122080	1.05956	55.93	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4122080	1.19878	55.94	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4122080	1.36454	56.12	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4122080	1.56245	56.24	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4122080	1.80208	56.21	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4122080	2.09014	56.4	313.5	1.5	ANNUAL	SRCGP1	5
605932.2	4122080	2.44182	56.54	313.5	1.5	ANNUAL	SRCGP1	5
605952.2	4122080	2.87583	56.52	313.5	1.5	ANNUAL	SRCGP1	5
606272.2	4122080	6.57977	58.81	313.5	1.5	ANNUAL	SRCGP1	5
606292.2	4122080	5.36896	59.28	313.5	1.5	ANNUAL	SRCGP1	5
606312.2	4122080	4.54654	59.33	313.5	1.5	ANNUAL	SRCGP1	5
606332.2	4122080	3.88506	59.3	313.49	1.5	ANNUAL	SRCGP1	5
606352.2	4122080	3.3014	59.48	313.49	1.5	ANNUAL	SRCGP1	5
606572.2	4122080	0.60573	59.94	59.94	1.5	ANNUAL	SRCGP1	5
606592.2	4122080	0.55021	59.46	59.46	1.5	ANNUAL	SRCGP1	5
606612.2	4122080	0.5008	59.42	59.42	1.5	ANNUAL	SRCGP1	5
606632.2	4122080	0.45748	59.57	59.57	1.5	ANNUAL	SRCGP1	5
606652.2	4122080	0.42017	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606672.2	4122080	0.38764	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606692.2	4122080	0.35844	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606712.2	4122080	0.33268	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606732.2	4122080	0.30988	59.86	59.86	1.5	ANNUAL	SRCGP1	5
606752.2	4122080	0.28866	60.33	60.33	1.5	ANNUAL	SRCGP1	5
606772.2	4122080	0.27029	60.39	60.39	1.5	ANNUAL	SRCGP1	5
606792.2	4122080	0.25445	59.93	59.93	1.5	ANNUAL	SRCGP1	5
606812.2	4122080	0.23875	60.46	60.46	1.5	ANNUAL	SRCGP1	5
606892.2	4122080	0.1911	60.42	60.42	1.5	ANNUAL	SRCGP1	5
606912.2	4122080	0.1815	60.49	60.49	1.5	ANNUAL	SRCGP1	5
606932.2	4122080	0.17291	60.24	60.24	1.5	ANNUAL	SRCGP1	5
605632.2	4122100	0.47104	55.21	313.49	1.5	ANNUAL	SRCGP1	5
605652.2	4122100	0.5123	55.57	313.49	1.5	ANNUAL	SRCGP1	5
605672.2	4122100	0.55891	55.76	313.49	1.5	ANNUAL	SRCGP1	5
605692.2	4122100	0.61167	55.3	313.5	1.5	ANNUAL	SRCGP1	5
605712.2	4122100	0.67278	55.89	313.5	1.5	ANNUAL	SRCGP1	5
605732.2	4122100	0.74265	56.15	313.5	1.5	ANNUAL	SRCGP1	5
605752.2	4122100	0.82345	55.79	313.5	1.5	ANNUAL	SRCGP1	5
605772.2	4122100	0.91718	55.89	313.5	1.5	ANNUAL	SRCGP1	5
605792.2	4122100	1.02572	56.3	313.5	1.5	ANNUAL	SRCGP1	5
605812.2	4122100	1.15405	56.22	313.5	1.5	ANNUAL	SRCGP1	5
605832.2	4122100	1.30513	55.9	313.5	1.5	ANNUAL	SRCGP1	5
605852.2	4122100	1.48016	56.57	313.5	1.5	ANNUAL	SRCGP1	5
605872.2	4122100	1.6865	57.11	313.5	1.5	ANNUAL	SRCGP1	5
605892.2	4122100	1.94254	56.55	313.5	1.5	ANNUAL	SRCGP1	5
605912.2	4122100	2.24027	56.81	313.5	1.5	ANNUAL	SRCGP1	5
606572.2	4122100	0.54886	59.9	59.9	1.5	ANNUAL	SRCGP1	5

606592.2	4122100	0.49976	59.6	59.6	1.5	ANNUAL	SRCGP1	5
606612.2	4122100	0.45601	59.76	59.76	1.5	ANNUAL	SRCGP1	5
606632.2	4122100	0.41846	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606652.2	4122100	0.38566	59.93	59.93	1.5	ANNUAL	SRCGP1	5
606672.2	4122100	0.3568	60.02	60.02	1.5	ANNUAL	SRCGP1	5
606692.2	4122100	0.33143	60.02	60.02	1.5	ANNUAL	SRCGP1	5
606712.2	4122100	0.30912	59.86	59.86	1.5	ANNUAL	SRCGP1	5
606852.2	4122100	0.20159	60.08	60.08	1.5	ANNUAL	SRCGP1	5
606872.2	4122100	0.19121	60.09	60.09	1.5	ANNUAL	SRCGP1	5
606892.2	4122100	0.18134	60.5	60.5	1.5	ANNUAL	SRCGP1	5
606912.2	4122100	0.17266	60.39	60.39	1.5	ANNUAL	SRCGP1	5
606932.2	4122100	0.16482	60.04	60.04	1.5	ANNUAL	SRCGP1	5
605632.2	4122120	0.50628	55.07	313.48	1.5	ANNUAL	SRCGP1	5
605652.2	4122120	0.55152	55.54	313.48	1.5	ANNUAL	SRCGP1	5
605672.2	4122120	0.60253	55.64	313.48	1.5	ANNUAL	SRCGP1	5
605692.2	4122120	0.66005	55.21	313.48	1.5	ANNUAL	SRCGP1	5
605712.2	4122120	0.72678	55.84	313.48	1.5	ANNUAL	SRCGP1	5
605732.2	4122120	0.80242	56.25	313.48	1.5	ANNUAL	SRCGP1	5
605752.2	4122120	0.89027	55.78	313.49	1.5	ANNUAL	SRCGP1	5
605772.2	4122120	0.99134	56.01	313.49	1.5	ANNUAL	SRCGP1	5
605792.2	4122120	1.10732	56.41	313.48	1.5	ANNUAL	SRCGP1	5
605812.2	4122120	1.24451	56.21	313.49	1.5	ANNUAL	SRCGP1	5
605832.2	4122120	1.40394	56.07	313.49	1.5	ANNUAL	SRCGP1	5
605852.2	4122120	1.58647	56.68	313.49	1.5	ANNUAL	SRCGP1	5
605872.2	4122120	1.80008	57.19	313.48	1.5	ANNUAL	SRCGP1	5
605992.2	4122120	4.2357	56.39	313.5	1.5	ANNUAL	SRCGP1	5
606012.2	4122120	4.93542	56.49	313.5	1.5	ANNUAL	SRCGP1	5
606032.2	4122120	5.76825	56.49	313.5	1.5	ANNUAL	SRCGP1	5
606052.2	4122120	6.74093	56.56	313.5	1.5	ANNUAL	SRCGP1	5
606512.2	4122120	0.69215	59.65	59.65	1.5	ANNUAL	SRCGP1	5
606532.2	4122120	0.61661	59.75	59.75	1.5	ANNUAL	SRCGP1	5
606552.2	4122120	0.55406	59.79	59.79	1.5	ANNUAL	SRCGP1	5
606572.2	4122120	0.50182	59.76	59.76	1.5	ANNUAL	SRCGP1	5
606592.2	4122120	0.45783	59.62	59.62	1.5	ANNUAL	SRCGP1	5
606772.2	4122120	0.23863	59.99	59.99	1.5	ANNUAL	SRCGP1	5
606792.2	4122120	0.22512	59.97	59.97	1.5	ANNUAL	SRCGP1	5
606812.2	4122120	0.21289	59.86	59.86	1.5	ANNUAL	SRCGP1	5
606852.2	4122120	0.19107	60.05	60.05	1.5	ANNUAL	SRCGP1	5
606872.2	4122120	0.18157	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606892.2	4122120	0.17265	60.26	60.26	1.5	ANNUAL	SRCGP1	5
606912.2	4122120	0.16464	60.16	60.16	1.5	ANNUAL	SRCGP1	5
605632.2	4122140	0.54273	55.08	312.88	1.5	ANNUAL	SRCGP1	5
605652.2	4122140	0.59176	55.55	312.88	1.5	ANNUAL	SRCGP1	5
605672.2	4122140	0.64669	55.41	313.48	1.5	ANNUAL	SRCGP1	5
605692.2	4122140	0.70897	55.22	313.48	1.5	ANNUAL	SRCGP1	5
605712.2	4122140	0.78068	55.78	313.48	1.5	ANNUAL	SRCGP1	5
605732.2	4122140	0.86179	56.21	312.88	1.5	ANNUAL	SRCGP1	5
605752.2	4122140	0.95518	55.7	313.48	1.5	ANNUAL	SRCGP1	5
605772.2	4122140	1.06207	56.11	313.48	1.5	ANNUAL	SRCGP1	5
605792.2	4122140	1.18376	56.46	313.48	1.5	ANNUAL	SRCGP1	5
605812.2	4122140	1.327	56.13	313.48	1.5	ANNUAL	SRCGP1	5
605832.2	4122140	1.49035	56.24	313.48	1.5	ANNUAL	SRCGP1	5
605852.2	4122140	1.6765	56.73	313.48	1.5	ANNUAL	SRCGP1	5
605932.2	4122140	2.78575	56.22	313.48	1.5	ANNUAL	SRCGP1	5
605952.2	4122140	3.17804	56.11	313.48	1.5	ANNUAL	SRCGP1	5
605972.2	4122140	3.62387	56.35	313.48	1.5	ANNUAL	SRCGP1	5
605992.2	4122140	4.13617	56.34	313.48	1.5	ANNUAL	SRCGP1	5
606012.2	4122140	4.71418	56.31	313.48	1.5	ANNUAL	SRCGP1	5
606032.2	4122140	5.34933	56.32	313.48	1.5	ANNUAL	SRCGP1	5
606052.2	4122140	6.01625	56.32	313.48	1.5	ANNUAL	SRCGP1	5
606072.2	4122140	6.64259	56.51	313.48	1.5	ANNUAL	SRCGP1	5
606132.2	4122140	7.29764	58.06	58.06	1.5	ANNUAL	SRCGP1	5
606152.2	4122140	6.99925	58.04	58.04	1.5	ANNUAL	SRCGP1	5

606172.2	4122140	6.4483	58.19	58.19	1.5	ANNUAL	SRCGP1	5
606652.2	4122140	0.33179	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606672.2	4122140	0.30858	59.96	59.96	1.5	ANNUAL	SRCGP1	5
606712.2	4122140	0.26974	60.03	60.03	1.5	ANNUAL	SRCGP1	5
606732.2	4122140	0.25326	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606752.2	4122140	0.23846	59.97	59.97	1.5	ANNUAL	SRCGP1	5
606772.2	4122140	0.22487	60.02	60.02	1.5	ANNUAL	SRCGP1	5
606792.2	4122140	0.21253	60.03	60.03	1.5	ANNUAL	SRCGP1	5
606812.2	4122140	0.20159	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606832.2	4122140	0.19091	60.06	60.06	1.5	ANNUAL	SRCGP1	5
606852.2	4122140	0.18153	59.93	59.93	1.5	ANNUAL	SRCGP1	5
605632.2	4122160	0.57986	55.27	292.97	1.5	ANNUAL	SRCGP1	5
605652.2	4122160	0.63226	55.59	292.97	1.5	ANNUAL	SRCGP1	5
605672.2	4122160	0.69088	55.4	292.97	1.5	ANNUAL	SRCGP1	5
605692.2	4122160	0.75733	55.38	292.97	1.5	ANNUAL	SRCGP1	5
605712.2	4122160	0.83303	55.91	292.97	1.5	ANNUAL	SRCGP1	5
605732.2	4122160	0.91862	56.02	292.97	1.5	ANNUAL	SRCGP1	5
605752.2	4122160	1.0159	55.6	292.97	1.5	ANNUAL	SRCGP1	5
605772.2	4122160	1.12667	56.19	292.97	1.5	ANNUAL	SRCGP1	5
605792.2	4122160	1.25209	56.42	292.97	1.5	ANNUAL	SRCGP1	5
605812.2	4122160	1.39749	55.93	292.97	1.5	ANNUAL	SRCGP1	5
605832.2	4122160	1.56125	56.28	292.97	1.5	ANNUAL	SRCGP1	5
605912.2	4122160	2.47888	56.36	292.97	1.5	ANNUAL	SRCGP1	5
605932.2	4122160	2.78905	56.3	292.97	1.5	ANNUAL	SRCGP1	5
605952.2	4122160	3.13738	56.12	292.97	1.5	ANNUAL	SRCGP1	5
605972.2	4122160	3.52065	56.11	292.97	1.5	ANNUAL	SRCGP1	5
605992.2	4122160	3.93563	56.22	292.97	1.5	ANNUAL	SRCGP1	5
606012.2	4122160	4.37715	56.15	56.15	1.5	ANNUAL	SRCGP1	5
606032.2	4122160	4.8214	56.14	56.14	1.5	ANNUAL	SRCGP1	5
606052.2	4122160	5.23548	56.19	56.19	1.5	ANNUAL	SRCGP1	5
606072.2	4122160	5.56475	56.49	56.49	1.5	ANNUAL	SRCGP1	5
606132.2	4122160	5.64403	58.03	58.03	1.5	ANNUAL	SRCGP1	5
606152.2	4122160	5.34815	58.1	58.1	1.5	ANNUAL	SRCGP1	5
606172.2	4122160	4.9191	58.22	58.22	1.5	ANNUAL	SRCGP1	5
606512.2	4122160	0.57623	59.43	59.43	1.5	ANNUAL	SRCGP1	5
606532.2	4122160	0.51794	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606552.2	4122160	0.46925	59.57	59.57	1.5	ANNUAL	SRCGP1	5
606652.2	4122160	0.3098	59.85	59.85	1.5	ANNUAL	SRCGP1	5
606672.2	4122160	0.28888	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606712.2	4122160	0.25346	60	60	1.5	ANNUAL	SRCGP1	5
606732.2	4122160	0.23846	60	60	1.5	ANNUAL	SRCGP1	5
606752.2	4122160	0.2249	59.96	59.96	1.5	ANNUAL	SRCGP1	5
606772.2	4122160	0.21256	59.93	59.93	1.5	ANNUAL	SRCGP1	5
606792.2	4122160	0.20131	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606872.2	4122160	0.16474	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606892.2	4122160	0.15724	59.78	59.78	1.5	ANNUAL	SRCGP1	5
606912.2	4122160	0.15023	59.92	59.92	1.5	ANNUAL	SRCGP1	5
605632.2	4122180	0.61657	55.2	292.97	1.5	ANNUAL	SRCGP1	5
605652.2	4122180	0.67188	55.38	292.97	1.5	ANNUAL	SRCGP1	5
605672.2	4122180	0.73363	55.24	292.97	1.5	ANNUAL	SRCGP1	5
605692.2	4122180	0.80342	55.35	292.97	1.5	ANNUAL	SRCGP1	5
605712.2	4122180	0.88229	55.68	292.97	1.5	ANNUAL	SRCGP1	5
605732.2	4122180	0.97078	55.8	292.97	1.5	ANNUAL	SRCGP1	5
605752.2	4122180	1.07034	55.52	292.97	1.5	ANNUAL	SRCGP1	5
605772.2	4122180	1.18313	56.14	292.97	1.5	ANNUAL	SRCGP1	5
605792.2	4122180	1.31002	56.17	292.97	1.5	ANNUAL	SRCGP1	5
605812.2	4122180	1.45326	55.81	292.97	1.5	ANNUAL	SRCGP1	5
605832.2	4122180	1.61314	56.34	292.97	1.5	ANNUAL	SRCGP1	5
605892.2	4122180	2.21945	56.39	292.97	1.5	ANNUAL	SRCGP1	5
605912.2	4122180	2.46717	56.41	292.97	1.5	ANNUAL	SRCGP1	5
605932.2	4122180	2.7406	56.21	292.97	1.5	ANNUAL	SRCGP1	5
605952.2	4122180	3.03255	56.29	292.97	1.5	ANNUAL	SRCGP1	5
605972.2	4122180	3.34105	56.37	56.37	1.5	ANNUAL	SRCGP1	5

605992.2	4122180	3.65992	56.33	56.33	1.5	ANNUAL	SRCGP1	5
606012.2	4122180	3.9758	56.21	56.21	1.5	ANNUAL	SRCGP1	5
606032.2	4122180	4.26462	56.22	56.22	1.5	ANNUAL	SRCGP1	5
606052.2	4122180	4.50516	56.22	56.22	1.5	ANNUAL	SRCGP1	5
606132.2	4122180	4.48871	58.08	58.08	1.5	ANNUAL	SRCGP1	5
606152.2	4122180	4.23583	58.13	58.13	1.5	ANNUAL	SRCGP1	5
606172.2	4122180	3.90891	58.22	58.22	1.5	ANNUAL	SRCGP1	5
606332.2	4122180	1.53765	58.8	58.8	1.5	ANNUAL	SRCGP1	5
606352.2	4122180	1.3817	57.63	59.63	1.5	ANNUAL	SRCGP1	5
606672.2	4122180	0.27165	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606712.2	4122180	0.23898	59.93	59.93	1.5	ANNUAL	SRCGP1	5
606812.2	4122180	0.18161	59.66	59.66	1.5	ANNUAL	SRCGP1	5
606832.2	4122180	0.17279	59.71	59.71	1.5	ANNUAL	SRCGP1	5
606852.2	4122180	0.16461	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606872.2	4122180	0.15711	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606892.2	4122180	0.15017	59.9	59.9	1.5	ANNUAL	SRCGP1	5
606912.2	4122180	0.14372	59.94	59.94	1.5	ANNUAL	SRCGP1	5
605872.2	4122200	1.99897	56.28	292.97	1.5	ANNUAL	SRCGP1	5
605892.2	4122200	2.19861	56.46	292.97	1.5	ANNUAL	SRCGP1	5
605912.2	4122200	2.41588	56.3	56.3	1.5	ANNUAL	SRCGP1	5
605932.2	4122200	2.64568	56.19	56.19	1.5	ANNUAL	SRCGP1	5
605952.2	4122200	2.88193	56.27	56.27	1.5	ANNUAL	SRCGP1	5
605972.2	4122200	3.12027	56.31	56.31	1.5	ANNUAL	SRCGP1	5
605992.2	4122200	3.35251	56.25	56.25	1.5	ANNUAL	SRCGP1	5
606012.2	4122200	3.56483	56.2	56.2	1.5	ANNUAL	SRCGP1	5
606032.2	4122200	3.74138	56.22	56.22	1.5	ANNUAL	SRCGP1	5
606052.2	4122200	3.86863	56.26	56.26	1.5	ANNUAL	SRCGP1	5
606072.2	4122200	3.93019	56.49	56.49	1.5	ANNUAL	SRCGP1	5
606132.2	4122200	3.66412	57.98	57.98	1.5	ANNUAL	SRCGP1	5
606152.2	4122200	3.45335	58.09	58.09	1.5	ANNUAL	SRCGP1	5
606172.2	4122200	3.20087	58.17	58.17	1.5	ANNUAL	SRCGP1	5
606332.2	4122200	1.35505	57.98	57.98	1.5	ANNUAL	SRCGP1	5
606352.2	4122200	1.2181	57.32	57.32	1.5	ANNUAL	SRCGP1	5
606672.2	4122200	0.25646	59.39	59.39	1.5	ANNUAL	SRCGP1	5
606752.2	4122200	0.20184	59.75	59.75	1.5	ANNUAL	SRCGP1	5
606772.2	4122200	0.19132	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606792.2	4122200	0.1816	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606812.2	4122200	0.17277	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606832.2	4122200	0.16463	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606852.2	4122200	0.15709	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606872.2	4122200	0.15012	59.94	59.94	1.5	ANNUAL	SRCGP1	5
606892.2	4122200	0.14373	59.84	59.84	1.5	ANNUAL	SRCGP1	5
605872.2	4122220	1.97139	56.62	56.62	1.5	ANNUAL	SRCGP1	5
605892.2	4122220	2.14692	56.43	56.43	1.5	ANNUAL	SRCGP1	5
605912.2	4122220	2.32946	56.32	56.32	1.5	ANNUAL	SRCGP1	5
605932.2	4122220	2.51483	56.33	56.33	1.5	ANNUAL	SRCGP1	5
605952.2	4122220	2.70002	56.25	56.25	1.5	ANNUAL	SRCGP1	5
605972.2	4122220	2.87563	56.31	56.31	1.5	ANNUAL	SRCGP1	5
605992.2	4122220	3.03639	56.27	56.27	1.5	ANNUAL	SRCGP1	5
606012.2	4122220	3.17228	56.21	56.21	1.5	ANNUAL	SRCGP1	5
606032.2	4122220	3.27227	56.24	56.24	1.5	ANNUAL	SRCGP1	5
606052.2	4122220	3.32925	56.33	56.33	1.5	ANNUAL	SRCGP1	5
606132.2	4122220	3.04734	58.08	58.08	1.5	ANNUAL	SRCGP1	5
606152.2	4122220	2.87488	58.18	58.18	1.5	ANNUAL	SRCGP1	5
606172.2	4122220	2.6763	58.24	58.24	1.5	ANNUAL	SRCGP1	5
606292.2	4122220	1.47921	58.14	58.14	1.5	ANNUAL	SRCGP1	5
606712.2	4122220	0.21434	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606732.2	4122220	0.20248	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606752.2	4122220	0.19169	59.94	59.94	1.5	ANNUAL	SRCGP1	5
606772.2	4122220	0.18195	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606792.2	4122220	0.17302	59.85	59.85	1.5	ANNUAL	SRCGP1	5
606812.2	4122220	0.16478	59.87	59.87	1.5	ANNUAL	SRCGP1	5
605872.2	4122240	1.92124	56.67	56.67	1.5	ANNUAL	SRCGP1	5

605892.2	4122240	2.06838	56.56	56.56	1.5	ANNUAL	SRCGP1	5
605912.2	4122240	2.21725	56.42	56.42	1.5	ANNUAL	SRCGP1	5
605932.2	4122240	2.36141	56.53	56.53	1.5	ANNUAL	SRCGP1	5
605952.2	4122240	2.49888	56.55	56.55	1.5	ANNUAL	SRCGP1	5
605972.2	4122240	2.62331	56.56	56.56	1.5	ANNUAL	SRCGP1	5
605992.2	4122240	2.72904	56.53	56.53	1.5	ANNUAL	SRCGP1	5
606012.2	4122240	2.80936	56.52	56.52	1.5	ANNUAL	SRCGP1	5
606032.2	4122240	2.85972	56.51	56.51	1.5	ANNUAL	SRCGP1	5
606052.2	4122240	2.87616	56.55	56.55	1.5	ANNUAL	SRCGP1	5
606132.2	4122240	2.57905	58.09	58.09	1.5	ANNUAL	SRCGP1	5
606152.2	4122240	2.43587	58.24	58.24	1.5	ANNUAL	SRCGP1	5
606192.2	4122240	2.10796	58.15	58.15	1.5	ANNUAL	SRCGP1	5
606292.2	4122240	1.30596	58.3	58.3	1.5	ANNUAL	SRCGP1	5
606312.2	4122240	1.1802	58.39	58.39	1.5	ANNUAL	SRCGP1	5
606332.2	4122240	1.06583	58.48	58.48	1.5	ANNUAL	SRCGP1	5
606352.2	4122240	0.96195	58.51	58.51	1.5	ANNUAL	SRCGP1	5
606392.2	4122240	0.77823	59.07	59.07	1.5	ANNUAL	SRCGP1	5
606412.2	4122240	0.70065	59.06	59.06	1.5	ANNUAL	SRCGP1	5
606452.2	4122240	0.56843	59.25	59.25	1.5	ANNUAL	SRCGP1	5
606472.2	4122240	0.51337	59.43	59.43	1.5	ANNUAL	SRCGP1	5
606712.2	4122240	0.20373	59.9	59.9	1.5	ANNUAL	SRCGP1	5
606732.2	4122240	0.19268	59.92	59.92	1.5	ANNUAL	SRCGP1	5
606752.2	4122240	0.18269	59.88	59.88	1.5	ANNUAL	SRCGP1	5
605852.2	4122260	1.72979	57.05	57.05	1.5	ANNUAL	SRCGP1	5
605872.2	4122260	1.8481	57.21	57.21	1.5	ANNUAL	SRCGP1	5
605892.2	4122260	1.96633	57.32	57.32	1.5	ANNUAL	SRCGP1	5
605912.2	4122260	2.08171	57.38	57.38	1.5	ANNUAL	SRCGP1	5
605932.2	4122260	2.18971	57.5	57.5	1.5	ANNUAL	SRCGP1	5
605952.2	4122260	2.28791	57.52	57.52	1.5	ANNUAL	SRCGP1	5
605972.2	4122260	2.3696	57.67	57.67	1.5	ANNUAL	SRCGP1	5
605992.2	4122260	2.43339	57.72	57.72	1.5	ANNUAL	SRCGP1	5
606012.2	4122260	2.47597	57.69	57.69	1.5	ANNUAL	SRCGP1	5
606032.2	4122260	2.49326	57.73	57.73	1.5	ANNUAL	SRCGP1	5
606052.2	4122260	2.48528	57.78	57.78	1.5	ANNUAL	SRCGP1	5
606132.2	4122260	2.22001	57.6	57.6	1.5	ANNUAL	SRCGP1	5
606152.2	4122260	2.09622	58.06	58.06	1.5	ANNUAL	SRCGP1	5
606172.2	4122260	1.96373	58.21	58.21	1.5	ANNUAL	SRCGP1	5
606192.2	4122260	1.82516	58.18	58.18	1.5	ANNUAL	SRCGP1	5
606212.2	4122260	1.68379	58.08	58.08	1.5	ANNUAL	SRCGP1	5
606292.2	4122260	1.16421	58.24	58.24	1.5	ANNUAL	SRCGP1	5
606312.2	4122260	1.05638	58.44	58.44	1.5	ANNUAL	SRCGP1	5
606332.2	4122260	0.95773	58.62	58.62	1.5	ANNUAL	SRCGP1	5
606352.2	4122260	0.86747	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606392.2	4122260	0.70806	59.36	59.36	1.5	ANNUAL	SRCGP1	5
606412.2	4122260	0.63999	59.46	59.46	1.5	ANNUAL	SRCGP1	5
606452.2	4122260	0.5238	59.75	59.75	1.5	ANNUAL	SRCGP1	5
606472.2	4122260	0.47551	59.81	59.81	1.5	ANNUAL	SRCGP1	5
606712.2	4122260	0.19436	59.71	59.71	1.5	ANNUAL	SRCGP1	5
605852.2	4122280	1.66692	57.17	57.17	1.5	ANNUAL	SRCGP1	5
605872.2	4122280	1.75539	58.52	58.52	1.5	ANNUAL	SRCGP1	5
605892.2	4122280	1.84563	58.94	58.94	1.5	ANNUAL	SRCGP1	5
605912.2	4122280	1.93926	58.28	59.19	1.5	ANNUAL	SRCGP1	5
605932.2	4122280	2.02505	57.6	57.6	1.5	ANNUAL	SRCGP1	5
605952.2	4122280	2.09348	57.58	57.58	1.5	ANNUAL	SRCGP1	5
605972.2	4122280	2.14509	57.77	57.77	1.5	ANNUAL	SRCGP1	5
605992.2	4122280	2.18099	57.82	57.82	1.5	ANNUAL	SRCGP1	5
606012.2	4122280	2.1993	57.78	57.78	1.5	ANNUAL	SRCGP1	5
606032.2	4122280	2.19761	57.81	57.81	1.5	ANNUAL	SRCGP1	5
606052.2	4122280	2.17402	58.08	58.08	1.5	ANNUAL	SRCGP1	5
606172.2	4122280	1.71372	58.06	58.06	1.5	ANNUAL	SRCGP1	5
606192.2	4122280	1.59712	58.2	58.2	1.5	ANNUAL	SRCGP1	5
606212.2	4122280	1.47968	58.15	58.15	1.5	ANNUAL	SRCGP1	5
606232.2	4122280	1.36253	58.18	58.18	1.5	ANNUAL	SRCGP1	5

606292.2	4122280	1.04436	58.3	58.3	1.5	ANNUAL	SRCGP1	5
606312.2	4122280	0.95204	58.48	58.48	1.5	ANNUAL	SRCGP1	5
606332.2	4122280	0.86684	58.66	58.66	1.5	ANNUAL	SRCGP1	5
606352.2	4122280	0.78834	58.83	58.83	1.5	ANNUAL	SRCGP1	5
606372.2	4122280	0.71559	59.12	59.12	1.5	ANNUAL	SRCGP1	5
606392.2	4122280	0.64905	59.4	59.4	1.5	ANNUAL	SRCGP1	5
606412.2	4122280	0.58935	59.45	59.45	1.5	ANNUAL	SRCGP1	5
606432.2	4122280	0.53526	59.54	59.54	1.5	ANNUAL	SRCGP1	5
606452.2	4122280	0.4864	59.75	59.75	1.5	ANNUAL	SRCGP1	5
606472.2	4122280	0.44334	59.79	59.79	1.5	ANNUAL	SRCGP1	5
606492.2	4122280	0.40533	59.75	59.75	1.5	ANNUAL	SRCGP1	5
606512.2	4122280	0.37172	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606532.2	4122280	0.3422	59.51	59.51	1.5	ANNUAL	SRCGP1	5
606552.2	4122280	0.31635	59.15	59.15	1.5	ANNUAL	SRCGP1	5
606572.2	4122280	0.29284	59.16	59.16	1.5	ANNUAL	SRCGP1	5
606892.2	4122280	0.12234	59.51	59.51	1.5	ANNUAL	SRCGP1	5
606912.2	4122280	0.1176	59.68	59.68	1.5	ANNUAL	SRCGP1	5
605632.2	4122300	0.78715	55.35	55.35	1.5	ANNUAL	SRCGP1	5
605652.2	4122300	0.84446	55.4	55.4	1.5	ANNUAL	SRCGP1	5
605672.2	4122300	0.90605	55.97	55.97	1.5	ANNUAL	SRCGP1	5
605692.2	4122300	0.97132	56.08	56.08	1.5	ANNUAL	SRCGP1	5
605852.2	4122300	1.59498	56.96	56.96	1.5	ANNUAL	SRCGP1	5
605872.2	4122300	1.66248	58.66	58.66	1.5	ANNUAL	SRCGP1	5
605892.2	4122300	1.7251	59.9	59.9	1.5	ANNUAL	SRCGP1	5
605912.2	4122300	1.79666	59.11	59.11	1.5	ANNUAL	SRCGP1	5
605932.2	4122300	1.86398	57.78	57.78	1.5	ANNUAL	SRCGP1	5
605952.2	4122300	1.90997	57.67	57.67	1.5	ANNUAL	SRCGP1	5
605972.2	4122300	1.94083	57.77	57.77	1.5	ANNUAL	SRCGP1	5
605992.2	4122300	1.95765	57.81	57.81	1.5	ANNUAL	SRCGP1	5
606012.2	4122300	1.96009	57.78	57.78	1.5	ANNUAL	SRCGP1	5
606032.2	4122300	1.94726	57.79	57.79	1.5	ANNUAL	SRCGP1	5
606052.2	4122300	1.91861	57.96	57.96	1.5	ANNUAL	SRCGP1	5
606292.2	4122300	0.94257	58.39	58.39	1.5	ANNUAL	SRCGP1	5
606312.2	4122300	0.86247	58.65	58.65	1.5	ANNUAL	SRCGP1	5
606332.2	4122300	0.78839	58.85	58.85	1.5	ANNUAL	SRCGP1	5
606352.2	4122300	0.72039	58.89	58.89	1.5	ANNUAL	SRCGP1	5
606392.2	4122300	0.59782	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606412.2	4122300	0.54511	59.49	59.49	1.5	ANNUAL	SRCGP1	5
606432.2	4122300	0.49674	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606452.2	4122300	0.45334	59.81	59.81	1.5	ANNUAL	SRCGP1	5
606472.2	4122300	0.41481	59.79	59.79	1.5	ANNUAL	SRCGP1	5
606492.2	4122300	0.38028	59.85	59.85	1.5	ANNUAL	SRCGP1	5
606512.2	4122300	0.34972	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606832.2	4122300	0.13334	59.44	59.44	1.5	ANNUAL	SRCGP1	5
606852.2	4122300	0.12768	59.77	59.77	1.5	ANNUAL	SRCGP1	5
606872.2	4122300	0.12262	59.64	59.64	1.5	ANNUAL	SRCGP1	5
606892.2	4122300	0.11783	59.72	59.72	1.5	ANNUAL	SRCGP1	5
606912.2	4122300	0.11339	59.72	59.72	1.5	ANNUAL	SRCGP1	5
605632.2	4122320	0.80089	55.6	55.6	1.5	ANNUAL	SRCGP1	5
605652.2	4122320	0.85563	55.89	55.89	1.5	ANNUAL	SRCGP1	5
605672.2	4122320	0.91304	56.38	56.38	1.5	ANNUAL	SRCGP1	5
605692.2	4122320	0.97395	56.37	56.37	1.5	ANNUAL	SRCGP1	5
605772.2	4122320	1.24026	56.92	56.92	1.5	ANNUAL	SRCGP1	5
605792.2	4122320	1.31028	56.99	56.99	1.5	ANNUAL	SRCGP1	5
605852.2	4122320	1.51215	57.46	59.49	1.5	ANNUAL	SRCGP1	5
605872.2	4122320	1.56176	59.31	59.31	1.5	ANNUAL	SRCGP1	5
605892.2	4122320	1.61392	59.62	59.62	1.5	ANNUAL	SRCGP1	5
605912.2	4122320	1.66174	59.48	59.48	1.5	ANNUAL	SRCGP1	5
605932.2	4122320	1.71192	57.87	57.87	1.5	ANNUAL	SRCGP1	5
605952.2	4122320	1.74368	57.34	57.34	1.5	ANNUAL	SRCGP1	5
605972.2	4122320	1.75691	57.74	57.74	1.5	ANNUAL	SRCGP1	5
605992.2	4122320	1.76065	57.8	57.8	1.5	ANNUAL	SRCGP1	5
606012.2	4122320	1.75257	57.84	57.84	1.5	ANNUAL	SRCGP1	5

606032.2	4122320	1.73324	57.86	57.86	1.5	ANNUAL	SRCGP1	5
606392.2	4122320	0.55331	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606412.2	4122320	0.50631	59.52	59.52	1.5	ANNUAL	SRCGP1	5
606432.2	4122320	0.46351	59.54	59.54	1.5	ANNUAL	SRCGP1	5
606452.2	4122320	0.42396	59.91	59.91	1.5	ANNUAL	SRCGP1	5
606472.2	4122320	0.38938	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606752.2	4122320	0.15409	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606772.2	4122320	0.1467	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606792.2	4122320	0.14005	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606812.2	4122320	0.13399	59.77	59.77	1.5	ANNUAL	SRCGP1	5
606832.2	4122320	0.12836	59.72	59.72	1.5	ANNUAL	SRCGP1	5
606852.2	4122320	0.12305	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606872.2	4122320	0.11826	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606892.2	4122320	0.11374	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606912.2	4122320	0.10952	59.68	59.68	1.5	ANNUAL	SRCGP1	5
605632.2	4122340	0.80909	56.01	56.01	1.5	ANNUAL	SRCGP1	5
605652.2	4122340	0.86055	55.94	55.94	1.5	ANNUAL	SRCGP1	5
605672.2	4122340	0.91427	56.2	56.2	1.5	ANNUAL	SRCGP1	5
605692.2	4122340	0.97021	56.23	56.23	1.5	ANNUAL	SRCGP1	5
605712.2	4122340	1.02768	56.38	56.38	1.5	ANNUAL	SRCGP1	5
605732.2	4122340	1.08449	57.25	57.25	1.5	ANNUAL	SRCGP1	5
605752.2	4122340	1.14063	58.37	58.37	1.5	ANNUAL	SRCGP1	5
605772.2	4122340	1.20048	58.35	58.8	1.5	ANNUAL	SRCGP1	5
605792.2	4122340	1.25882	58.55	58.55	1.5	ANNUAL	SRCGP1	5
605812.2	4122340	1.31785	58.25	59.98	1.5	ANNUAL	SRCGP1	5
605832.2	4122340	1.37392	58.07	59.98	1.5	ANNUAL	SRCGP1	5
605852.2	4122340	1.42299	58.53	58.53	1.5	ANNUAL	SRCGP1	5
605872.2	4122340	1.46304	59.58	59.58	1.5	ANNUAL	SRCGP1	5
605892.2	4122340	1.5029	59.57	59.57	1.5	ANNUAL	SRCGP1	5
605912.2	4122340	1.53465	59.66	59.66	1.5	ANNUAL	SRCGP1	5
605932.2	4122340	1.5678	58.34	59	1.5	ANNUAL	SRCGP1	5
605952.2	4122340	1.5867	57.77	57.77	1.5	ANNUAL	SRCGP1	5
605972.2	4122340	1.59192	57.8	57.8	1.5	ANNUAL	SRCGP1	5
606692.2	4122340	0.17308	59.65	59.65	1.5	ANNUAL	SRCGP1	5
606712.2	4122340	0.16388	59.94	59.94	1.5	ANNUAL	SRCGP1	5
606732.2	4122340	0.15561	60.06	60.06	1.5	ANNUAL	SRCGP1	5
606752.2	4122340	0.14825	59.81	59.81	1.5	ANNUAL	SRCGP1	5
606772.2	4122340	0.14134	59.86	59.86	1.5	ANNUAL	SRCGP1	5
606792.2	4122340	0.1351	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606812.2	4122340	0.12927	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606832.2	4122340	0.12393	59.57	59.57	1.5	ANNUAL	SRCGP1	5
606852.2	4122340	0.1189	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606872.2	4122340	0.11421	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606892.2	4122340	0.10996	59.63	59.63	1.5	ANNUAL	SRCGP1	5
606912.2	4122340	0.10592	59.66	59.66	1.5	ANNUAL	SRCGP1	5
605632.2	4122360	0.81199	55.97	55.97	1.5	ANNUAL	SRCGP1	5
605652.2	4122360	0.85973	55.94	55.94	1.5	ANNUAL	SRCGP1	5
605672.2	4122360	0.90876	56.31	56.31	1.5	ANNUAL	SRCGP1	5
605692.2	4122360	0.95924	56.4	56.4	1.5	ANNUAL	SRCGP1	5
605712.2	4122360	1.01046	56.57	56.57	1.5	ANNUAL	SRCGP1	5
605732.2	4122360	1.06051	57.31	57.31	1.5	ANNUAL	SRCGP1	5
605752.2	4122360	1.10737	58.82	58.82	1.5	ANNUAL	SRCGP1	5
605772.2	4122360	1.15418	59.8	59.8	1.5	ANNUAL	SRCGP1	5
605792.2	4122360	1.20366	59.68	59.68	1.5	ANNUAL	SRCGP1	5
605812.2	4122360	1.24846	60.07	60.07	1.5	ANNUAL	SRCGP1	5
605832.2	4122360	1.29314	59.81	59.81	1.5	ANNUAL	SRCGP1	5
605852.2	4122360	1.33443	59.43	59.43	1.5	ANNUAL	SRCGP1	5
605872.2	4122360	1.36782	59.58	59.58	1.5	ANNUAL	SRCGP1	5
605892.2	4122360	1.39581	59.6	59.6	1.5	ANNUAL	SRCGP1	5
605912.2	4122360	1.41546	59.85	59.85	1.5	ANNUAL	SRCGP1	5
605952.2	4122360	1.44882	57.6	57.6	1.5	ANNUAL	SRCGP1	5
606632.2	4122360	0.19775	59.49	59.49	1.5	ANNUAL	SRCGP1	5
606652.2	4122360	0.1861	59.85	59.85	1.5	ANNUAL	SRCGP1	5

606672.2	4122360	0.17571	59.95	59.95	1.5	ANNUAL	SRCGP1	5
606692.2	4122360	0.16629	60.03	60.03	1.5	ANNUAL	SRCGP1	5
606712.2	4122360	0.15793	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606732.2	4122360	0.15005	59.9	59.9	1.5	ANNUAL	SRCGP1	5
606772.2	4122360	0.13648	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606792.2	4122360	0.1305	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606812.2	4122360	0.12495	59.52	59.52	1.5	ANNUAL	SRCGP1	5
606832.2	4122360	0.11975	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606852.2	4122360	0.11505	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606872.2	4122360	0.1105	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606892.2	4122360	0.10645	59.57	59.57	1.5	ANNUAL	SRCGP1	5
606912.2	4122360	0.10262	59.46	59.46	1.5	ANNUAL	SRCGP1	5
605632.2	4122380	0.80978	56.18	56.18	1.5	ANNUAL	SRCGP1	5
605652.2	4122380	0.85352	56.08	56.08	1.5	ANNUAL	SRCGP1	5
605672.2	4122380	0.89755	56.46	56.46	1.5	ANNUAL	SRCGP1	5
605692.2	4122380	0.94236	56.65	56.65	1.5	ANNUAL	SRCGP1	5
605712.2	4122380	0.98755	56.74	56.74	1.5	ANNUAL	SRCGP1	5
605732.2	4122380	1.03067	57.49	57.49	1.5	ANNUAL	SRCGP1	5
605752.2	4122380	1.06987	59.04	59.04	1.5	ANNUAL	SRCGP1	5
605772.2	4122380	1.11019	59.6	59.6	1.5	ANNUAL	SRCGP1	5
605792.2	4122380	1.14972	59.77	59.77	1.5	ANNUAL	SRCGP1	5
605812.2	4122380	1.18595	60.03	60.03	1.5	ANNUAL	SRCGP1	5
605832.2	4122380	1.22158	59.64	59.64	1.5	ANNUAL	SRCGP1	5
605852.2	4122380	1.25147	59.58	59.58	1.5	ANNUAL	SRCGP1	5
605872.2	4122380	1.2758	59.63	59.63	1.5	ANNUAL	SRCGP1	5
605892.2	4122380	1.29487	59.6	59.6	1.5	ANNUAL	SRCGP1	5
605912.2	4122380	1.30739	59.63	59.63	1.5	ANNUAL	SRCGP1	5
606572.2	4122380	0.22922	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606592.2	4122380	0.21473	59.66	59.66	1.5	ANNUAL	SRCGP1	5
606612.2	4122380	0.20163	59.72	59.72	1.5	ANNUAL	SRCGP1	5
606632.2	4122380	0.18982	59.71	59.71	1.5	ANNUAL	SRCGP1	5
606652.2	4122380	0.17898	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606752.2	4122380	0.13819	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606772.2	4122380	0.13184	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606792.2	4122380	0.12608	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606812.2	4122380	0.12086	59.63	59.63	1.5	ANNUAL	SRCGP1	5
606832.2	4122380	0.11596	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606852.2	4122380	0.11144	59.41	59.41	1.5	ANNUAL	SRCGP1	5
606872.2	4122380	0.10716	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606892.2	4122380	0.10316	59.62	59.62	1.5	ANNUAL	SRCGP1	5
605632.2	4122400	0.80289	56.24	56.24	1.5	ANNUAL	SRCGP1	5
605652.2	4122400	0.84251	56.1	56.1	1.5	ANNUAL	SRCGP1	5
605672.2	4122400	0.88168	56.5	56.5	1.5	ANNUAL	SRCGP1	5
605692.2	4122400	0.9212	56.64	56.64	1.5	ANNUAL	SRCGP1	5
605712.2	4122400	0.96037	56.76	56.76	1.5	ANNUAL	SRCGP1	5
605732.2	4122400	0.99681	57.59	57.59	1.5	ANNUAL	SRCGP1	5
605752.2	4122400	1.02879	59.26	59.26	1.5	ANNUAL	SRCGP1	5
605772.2	4122400	1.06255	59.6	59.6	1.5	ANNUAL	SRCGP1	5
605792.2	4122400	1.09507	59.59	59.59	1.5	ANNUAL	SRCGP1	5
605812.2	4122400	1.12448	59.6	59.6	1.5	ANNUAL	SRCGP1	5
605832.2	4122400	1.15043	59.57	59.57	1.5	ANNUAL	SRCGP1	5
605852.2	4122400	1.17213	59.56	59.56	1.5	ANNUAL	SRCGP1	5
605872.2	4122400	1.18758	59.88	59.88	1.5	ANNUAL	SRCGP1	5
605892.2	4122400	1.20086	59.55	59.55	1.5	ANNUAL	SRCGP1	5
605912.2	4122400	1.21073	58.79	59.2	1.5	ANNUAL	SRCGP1	5
605932.2	4122400	1.21793	57.36	57.36	1.5	ANNUAL	SRCGP1	5
606512.2	4122400	0.26905	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606532.2	4122400	0.25085	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606552.2	4122400	0.23441	59.7	59.7	1.5	ANNUAL	SRCGP1	5
606572.2	4122400	0.21952	59.71	59.71	1.5	ANNUAL	SRCGP1	5
606592.2	4122400	0.20602	59.71	59.71	1.5	ANNUAL	SRCGP1	5
606692.2	4122400	0.15488	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606712.2	4122400	0.14709	59.86	59.86	1.5	ANNUAL	SRCGP1	5

606732.2	4122400	0.14003	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606752.2	4122400	0.13361	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606772.2	4122400	0.12762	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606792.2	4122400	0.12208	59.95	59.95	1.5	ANNUAL	SRCGP1	5
606812.2	4122400	0.11709	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606832.2	4122400	0.11239	59.63	59.63	1.5	ANNUAL	SRCGP1	5
605632.2	4122420	0.79174	56.36	56.36	1.5	ANNUAL	SRCGP1	5
605652.2	4122420	0.82683	56.42	56.42	1.5	ANNUAL	SRCGP1	5
605672.2	4122420	0.86137	56.71	56.71	1.5	ANNUAL	SRCGP1	5
605692.2	4122420	0.89584	56.78	56.78	1.5	ANNUAL	SRCGP1	5
605712.2	4122420	0.92955	56.82	56.82	1.5	ANNUAL	SRCGP1	5
605732.2	4122420	0.96052	57.47	57.47	1.5	ANNUAL	SRCGP1	5
605752.2	4122420	0.98622	59.24	59.24	1.5	ANNUAL	SRCGP1	5
605772.2	4122420	1.01348	59.59	59.59	1.5	ANNUAL	SRCGP1	5
605792.2	4122420	1.03934	59.56	59.56	1.5	ANNUAL	SRCGP1	5
605812.2	4122420	1.06214	59.53	59.53	1.5	ANNUAL	SRCGP1	5
605832.2	4122420	1.08195	59.36	59.36	1.5	ANNUAL	SRCGP1	5
605852.2	4122420	1.09784	59.19	59.19	1.5	ANNUAL	SRCGP1	5
605872.2	4122420	1.11122	58.56	59.97	1.5	ANNUAL	SRCGP1	5
605892.2	4122420	1.11968	58.02	59.56	1.5	ANNUAL	SRCGP1	5
605912.2	4122420	1.12425	57.26	57.26	1.5	ANNUAL	SRCGP1	5
606452.2	4122420	0.31768	59.4	59.4	1.5	ANNUAL	SRCGP1	5
606472.2	4122420	0.29548	59.54	59.54	1.5	ANNUAL	SRCGP1	5
606492.2	4122420	0.27514	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606512.2	4122420	0.25669	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606532.2	4122420	0.24026	59.29	59.29	1.5	ANNUAL	SRCGP1	5
606552.2	4122420	0.22467	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606632.2	4122420	0.17607	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606652.2	4122420	0.16637	59.81	59.81	1.5	ANNUAL	SRCGP1	5
606672.2	4122420	0.15775	59.57	59.57	1.5	ANNUAL	SRCGP1	5
606692.2	4122420	0.14961	59.86	59.86	1.5	ANNUAL	SRCGP1	5
606712.2	4122420	0.14233	59.77	59.77	1.5	ANNUAL	SRCGP1	5
606732.2	4122420	0.13557	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606752.2	4122420	0.12937	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606772.2	4122420	0.12367	59.9	59.9	1.5	ANNUAL	SRCGP1	5
606852.2	4122420	0.10495	59.41	59.41	1.5	ANNUAL	SRCGP1	5
606872.2	4122420	0.101	59.51	59.51	1.5	ANNUAL	SRCGP1	5
606892.2	4122420	0.09734	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606912.2	4122420	0.094	59.15	59.15	1.5	ANNUAL	SRCGP1	5
605632.2	4122440	0.77703	56.46	56.46	1.5	ANNUAL	SRCGP1	5
605652.2	4122440	0.80756	56.76	56.76	1.5	ANNUAL	SRCGP1	5
605672.2	4122440	0.83771	56.96	56.96	1.5	ANNUAL	SRCGP1	5
605692.2	4122440	0.86739	56.98	56.98	1.5	ANNUAL	SRCGP1	5
605712.2	4122440	0.89606	56.95	56.95	1.5	ANNUAL	SRCGP1	5
605732.2	4122440	0.92194	57.48	57.48	1.5	ANNUAL	SRCGP1	5
605752.2	4122440	0.94445	58.5	58.96	1.5	ANNUAL	SRCGP1	5
605772.2	4122440	0.96685	58.64	59.06	1.5	ANNUAL	SRCGP1	5
605792.2	4122440	0.98732	58.54	58.54	1.5	ANNUAL	SRCGP1	5
605812.2	4122440	1.00528	58.29	58.29	1.5	ANNUAL	SRCGP1	5
605832.2	4122440	1.01994	58.03	58.03	1.5	ANNUAL	SRCGP1	5
605852.2	4122440	1.03141	57.63	57.63	1.5	ANNUAL	SRCGP1	5
605872.2	4122440	1.03965	57.03	57.03	1.5	ANNUAL	SRCGP1	5
605892.2	4122440	1.04204	57.01	57.01	1.5	ANNUAL	SRCGP1	5
606452.2	4122440	0.30132	59.7	59.7	1.5	ANNUAL	SRCGP1	5
606472.2	4122440	0.28115	59.64	59.64	1.5	ANNUAL	SRCGP1	5
606492.2	4122440	0.26266	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606552.2	4122440	0.21566	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606612.2	4122440	0.17961	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606632.2	4122440	0.16976	59.79	59.79	1.5	ANNUAL	SRCGP1	5
606652.2	4122440	0.16073	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606672.2	4122440	0.15259	59.45	59.45	1.5	ANNUAL	SRCGP1	5
606692.2	4122440	0.1448	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606712.2	4122440	0.1378	59.9	59.9	1.5	ANNUAL	SRCGP1	5

606732.2	4122440	0.1314	59.85	59.85	1.5	ANNUAL	SRCGP1	5
606812.2	4122440	0.1104	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606832.2	4122440	0.10605	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606852.2	4122440	0.10202	59.51	59.51	1.5	ANNUAL	SRCGP1	5
606872.2	4122440	0.09827	59.4	59.4	1.5	ANNUAL	SRCGP1	5
606892.2	4122440	0.09473	59.43	59.43	1.5	ANNUAL	SRCGP1	5
606912.2	4122440	0.09151	59.09	59.09	1.5	ANNUAL	SRCGP1	5
605632.2	4122460	0.75952	56.44	56.44	1.5	ANNUAL	SRCGP1	5
605652.2	4122460	0.78622	56.68	56.68	1.5	ANNUAL	SRCGP1	5
605672.2	4122460	0.81243	56.74	56.74	1.5	ANNUAL	SRCGP1	5
605692.2	4122460	0.8377	56.75	56.75	1.5	ANNUAL	SRCGP1	5
605712.2	4122460	0.86124	56.95	56.95	1.5	ANNUAL	SRCGP1	5
605732.2	4122460	0.88292	57.23	57.23	1.5	ANNUAL	SRCGP1	5
605752.2	4122460	0.90312	57.28	57.28	1.5	ANNUAL	SRCGP1	5
605772.2	4122460	0.92131	57.22	57.22	1.5	ANNUAL	SRCGP1	5
605792.2	4122460	0.93697	57.15	57.15	1.5	ANNUAL	SRCGP1	5
605812.2	4122460	0.94969	57.11	57.11	1.5	ANNUAL	SRCGP1	5
605832.2	4122460	0.9596	56.95	56.95	1.5	ANNUAL	SRCGP1	5
606392.2	4122460	0.35241	58.98	58.98	1.5	ANNUAL	SRCGP1	5
606412.2	4122460	0.32908	59.13	59.13	1.5	ANNUAL	SRCGP1	5
606432.2	4122460	0.3072	59.33	59.33	1.5	ANNUAL	SRCGP1	5
606552.2	4122460	0.20688	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606572.2	4122460	0.1947	59.86	59.86	1.5	ANNUAL	SRCGP1	5
606592.2	4122460	0.18341	60.06	60.06	1.5	ANNUAL	SRCGP1	5
606612.2	4122460	0.17316	60.12	60.12	1.5	ANNUAL	SRCGP1	5
606632.2	4122460	0.16394	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606652.2	4122460	0.15547	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606672.2	4122460	0.14766	59.54	59.54	1.5	ANNUAL	SRCGP1	5
606752.2	4122460	0.12196	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606772.2	4122460	0.11667	59.72	59.72	1.5	ANNUAL	SRCGP1	5
606792.2	4122460	0.11187	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606812.2	4122460	0.10731	59.77	59.77	1.5	ANNUAL	SRCGP1	5
606832.2	4122460	0.10319	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606852.2	4122460	0.09928	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606872.2	4122460	0.09569	59.41	59.41	1.5	ANNUAL	SRCGP1	5
606892.2	4122460	0.09225	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606912.2	4122460	0.08915	59.15	59.15	1.5	ANNUAL	SRCGP1	5
606332.2	4122480	0.40515	58.58	58.58	1.5	ANNUAL	SRCGP1	5
606352.2	4122480	0.37955	59.06	59.06	1.5	ANNUAL	SRCGP1	5
606372.2	4122480	0.35578	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606392.2	4122480	0.33333	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606412.2	4122480	0.3122	59.08	59.08	1.5	ANNUAL	SRCGP1	5
606432.2	4122480	0.29228	59.12	59.12	1.5	ANNUAL	SRCGP1	5
606452.2	4122480	0.2733	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606472.2	4122480	0.25562	60.03	60.03	1.5	ANNUAL	SRCGP1	5
606512.2	4122480	0.2248	60.22	60.22	1.5	ANNUAL	SRCGP1	5
606532.2	4122480	0.21127	60.18	60.18	1.5	ANNUAL	SRCGP1	5
606552.2	4122480	0.1989	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606572.2	4122480	0.18749	59.99	59.99	1.5	ANNUAL	SRCGP1	5
606592.2	4122480	0.17692	60.09	60.09	1.5	ANNUAL	SRCGP1	5
606612.2	4122480	0.16742	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606672.2	4122480	0.1431	59.49	59.49	1.5	ANNUAL	SRCGP1	5
606692.2	4122480	0.13613	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606712.2	4122480	0.12983	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606732.2	4122480	0.12384	59.91	59.91	1.5	ANNUAL	SRCGP1	5
606752.2	4122480	0.11846	59.82	59.82	1.5	ANNUAL	SRCGP1	5
606772.2	4122480	0.11339	60	60	1.5	ANNUAL	SRCGP1	5
606792.2	4122480	0.10875	59.96	59.96	1.5	ANNUAL	SRCGP1	5
606812.2	4122480	0.10444	59.93	59.93	1.5	ANNUAL	SRCGP1	5
606832.2	4122480	0.1005	59.6	59.6	1.5	ANNUAL	SRCGP1	5
606852.2	4122480	0.09673	59.66	59.66	1.5	ANNUAL	SRCGP1	5
606872.2	4122480	0.09327	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606892.2	4122480	0.08997	59.53	59.53	1.5	ANNUAL	SRCGP1	5

606912.2	4122480	0.08694	59.25	59.25	1.5	ANNUAL	SRCGP1	5
606332.2	4122500	0.381	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606372.2	4122500	0.33645	59.23	59.23	1.5	ANNUAL	SRCGP1	5
606392.2	4122500	0.3161	59.06	59.06	1.5	ANNUAL	SRCGP1	5
606412.2	4122500	0.29667	59.06	59.06	1.5	ANNUAL	SRCGP1	5
606432.2	4122500	0.27844	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606472.2	4122500	0.2445	59.97	59.97	1.5	ANNUAL	SRCGP1	5
606492.2	4122500	0.22958	60.12	60.12	1.5	ANNUAL	SRCGP1	5
606512.2	4122500	0.21602	59.9	59.9	1.5	ANNUAL	SRCGP1	5
606532.2	4122500	0.20352	59.62	59.62	1.5	ANNUAL	SRCGP1	5
606632.2	4122500	0.1536	59.6	59.6	1.5	ANNUAL	SRCGP1	5
606652.2	4122500	0.14583	59.7	59.7	1.5	ANNUAL	SRCGP1	5
606672.2	4122500	0.13866	59.82	59.82	1.5	ANNUAL	SRCGP1	5
606692.2	4122500	0.1321	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606712.2	4122500	0.12603	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606732.2	4122500	0.12044	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606752.2	4122500	0.11519	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606772.2	4122500	0.11041	59.95	59.95	1.5	ANNUAL	SRCGP1	5
606792.2	4122500	0.10602	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606812.2	4122500	0.10182	59.82	59.82	1.5	ANNUAL	SRCGP1	5
606832.2	4122500	0.09797	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606852.2	4122500	0.09441	59.45	59.45	1.5	ANNUAL	SRCGP1	5
606872.2	4122500	0.091	59.53	59.53	1.5	ANNUAL	SRCGP1	5
606892.2	4122500	0.0878	59.62	59.62	1.5	ANNUAL	SRCGP1	5
606912.2	4122500	0.08488	59.34	59.34	1.5	ANNUAL	SRCGP1	5
606272.2	4122520	0.42717	58.54	58.54	1.5	ANNUAL	SRCGP1	5
606292.2	4122520	0.40351	59.05	59.05	1.5	ANNUAL	SRCGP1	5
606392.2	4122520	0.30013	59.17	59.17	1.5	ANNUAL	SRCGP1	5
606412.2	4122520	0.28232	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606432.2	4122520	0.26547	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606472.2	4122520	0.23438	59.65	59.65	1.5	ANNUAL	SRCGP1	5
606552.2	4122520	0.18499	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606572.2	4122520	0.17481	59.52	59.52	1.5	ANNUAL	SRCGP1	5
606592.2	4122520	0.16543	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606612.2	4122520	0.15679	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606632.2	4122520	0.14883	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606652.2	4122520	0.14149	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606672.2	4122520	0.13456	59.96	59.96	1.5	ANNUAL	SRCGP1	5
606692.2	4122520	0.12825	60.11	60.11	1.5	ANNUAL	SRCGP1	5
606712.2	4122520	0.12252	59.95	59.95	1.5	ANNUAL	SRCGP1	5
606732.2	4122520	0.11727	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606752.2	4122520	0.11222	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606772.2	4122520	0.10767	59.63	59.63	1.5	ANNUAL	SRCGP1	5
606792.2	4122520	0.10341	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606812.2	4122520	0.09942	59.39	59.39	1.5	ANNUAL	SRCGP1	5
606832.2	4122520	0.09563	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606852.2	4122520	0.09216	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606872.2	4122520	0.08885	59.64	59.64	1.5	ANNUAL	SRCGP1	5
606892.2	4122520	0.08576	59.76	59.76	1.5	ANNUAL	SRCGP1	5
606272.2	4122540	0.40122	59	59	1.5	ANNUAL	SRCGP1	5
606292.2	4122540	0.38022	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606312.2	4122540	0.36	58.98	58.98	1.5	ANNUAL	SRCGP1	5
606332.2	4122540	0.34046	58.82	58.82	1.5	ANNUAL	SRCGP1	5
606352.2	4122540	0.32109	59.17	59.17	1.5	ANNUAL	SRCGP1	5
606372.2	4122540	0.30289	59.19	59.19	1.5	ANNUAL	SRCGP1	5
606392.2	4122540	0.28559	59.14	59.14	1.5	ANNUAL	SRCGP1	5
606412.2	4122540	0.26914	59.1	59.1	1.5	ANNUAL	SRCGP1	5
606432.2	4122540	0.25352	59.15	59.15	1.5	ANNUAL	SRCGP1	5
606492.2	4122540	0.21211	59.26	59.26	1.5	ANNUAL	SRCGP1	5
606512.2	4122540	0.19996	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606532.2	4122540	0.18883	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606552.2	4122540	0.17842	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606572.2	4122540	0.16891	59.5	59.5	1.5	ANNUAL	SRCGP1	5

606592.2	4122540	0.16004	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606612.2	4122540	0.15173	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606632.2	4122540	0.14435	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606652.2	4122540	0.13729	59.65	59.65	1.5	ANNUAL	SRCGP1	5
606672.2	4122540	0.13083	59.68	59.68	1.5	ANNUAL	SRCGP1	5
606692.2	4122540	0.12481	59.81	59.81	1.5	ANNUAL	SRCGP1	5
606712.2	4122540	0.11928	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606732.2	4122540	0.11425	59.44	59.44	1.5	ANNUAL	SRCGP1	5
606752.2	4122540	0.10947	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606772.2	4122540	0.10502	59.52	59.52	1.5	ANNUAL	SRCGP1	5
606792.2	4122540	0.10086	59.6	59.6	1.5	ANNUAL	SRCGP1	5
606812.2	4122540	0.09704	59.46	59.46	1.5	ANNUAL	SRCGP1	5
606832.2	4122540	0.09338	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606852.2	4122540	0.09002	59.64	59.64	1.5	ANNUAL	SRCGP1	5
606872.2	4122540	0.08687	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606892.2	4122540	0.08389	59.59	59.59	1.5	ANNUAL	SRCGP1	5
605632.2	4122560	0.64648	56.47	56.47	1.5	ANNUAL	SRCGP1	5
605652.2	4122560	0.6582	56.51	56.51	1.5	ANNUAL	SRCGP1	5
605672.2	4122560	0.66857	56.69	56.69	1.5	ANNUAL	SRCGP1	5
605692.2	4122560	0.67801	56.62	56.62	1.5	ANNUAL	SRCGP1	5
605712.2	4122560	0.68592	56.64	56.64	1.5	ANNUAL	SRCGP1	5
605732.2	4122560	0.69232	56.66	56.66	1.5	ANNUAL	SRCGP1	5
605752.2	4122560	0.69715	56.66	56.66	1.5	ANNUAL	SRCGP1	5
605772.2	4122560	0.70013	56.76	56.76	1.5	ANNUAL	SRCGP1	5
605792.2	4122560	0.70159	56.72	56.72	1.5	ANNUAL	SRCGP1	5
605812.2	4122560	0.70109	56.79	56.79	1.5	ANNUAL	SRCGP1	5
605832.2	4122560	0.69889	56.82	56.82	1.5	ANNUAL	SRCGP1	5
605852.2	4122560	0.695	56.81	56.81	1.5	ANNUAL	SRCGP1	5
606292.2	4122560	0.35927	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606312.2	4122560	0.34058	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606332.2	4122560	0.32255	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606352.2	4122560	0.30504	58.98	58.98	1.5	ANNUAL	SRCGP1	5
606492.2	4122560	0.20387	59.36	59.36	1.5	ANNUAL	SRCGP1	5
606512.2	4122560	0.19254	59.54	59.54	1.5	ANNUAL	SRCGP1	5
606532.2	4122560	0.18215	59.41	59.41	1.5	ANNUAL	SRCGP1	5
606552.2	4122560	0.17229	59.67	59.67	1.5	ANNUAL	SRCGP1	5
606572.2	4122560	0.16321	59.79	59.79	1.5	ANNUAL	SRCGP1	5
606592.2	4122560	0.15486	59.77	59.77	1.5	ANNUAL	SRCGP1	5
606612.2	4122560	0.14708	59.87	59.87	1.5	ANNUAL	SRCGP1	5
606632.2	4122560	0.14007	59.45	59.45	1.5	ANNUAL	SRCGP1	5
606652.2	4122560	0.13336	59.63	59.63	1.5	ANNUAL	SRCGP1	5
606672.2	4122560	0.12723	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606692.2	4122560	0.12151	59.63	59.63	1.5	ANNUAL	SRCGP1	5
606712.2	4122560	0.11622	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606732.2	4122560	0.11127	59.7	59.7	1.5	ANNUAL	SRCGP1	5
606752.2	4122560	0.10669	59.71	59.71	1.5	ANNUAL	SRCGP1	5
606772.2	4122560	0.10244	59.65	59.65	1.5	ANNUAL	SRCGP1	5
606792.2	4122560	0.09843	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606812.2	4122560	0.09474	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606832.2	4122560	0.09128	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606852.2	4122560	0.08801	59.66	59.66	1.5	ANNUAL	SRCGP1	5
606872.2	4122560	0.08497	59.58	59.58	1.5	ANNUAL	SRCGP1	5
605632.2	4122580	0.62235	56.22	56.22	1.5	ANNUAL	SRCGP1	5
605652.2	4122580	0.63196	56.26	56.26	1.5	ANNUAL	SRCGP1	5
605672.2	4122580	0.64032	56.39	56.39	1.5	ANNUAL	SRCGP1	5
605692.2	4122580	0.64776	56.29	56.29	1.5	ANNUAL	SRCGP1	5
605712.2	4122580	0.65365	56.36	56.36	1.5	ANNUAL	SRCGP1	5
605732.2	4122580	0.65825	56.33	56.33	1.5	ANNUAL	SRCGP1	5
605752.2	4122580	0.66135	56.33	56.33	1.5	ANNUAL	SRCGP1	5
605772.2	4122580	0.6627	56.48	56.48	1.5	ANNUAL	SRCGP1	5
605792.2	4122580	0.66264	56.51	56.51	1.5	ANNUAL	SRCGP1	5
605812.2	4122580	0.66105	56.51	56.51	1.5	ANNUAL	SRCGP1	5
605832.2	4122580	0.65783	56.56	56.56	1.5	ANNUAL	SRCGP1	5

605852.2	4122580	0.65316	56.58	56.58	1.5	ANNUAL	SRCGP1	5
605872.2	4122580	0.64705	56.62	56.62	1.5	ANNUAL	SRCGP1	5
605892.2	4122580	0.63969	56.62	56.62	1.5	ANNUAL	SRCGP1	5
605912.2	4122580	0.63117	56.61	56.61	1.5	ANNUAL	SRCGP1	5
605932.2	4122580	0.62159	56.61	56.61	1.5	ANNUAL	SRCGP1	5
606252.2	4122580	0.37516	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606272.2	4122580	0.35729	59.03	59.03	1.5	ANNUAL	SRCGP1	5
606292.2	4122580	0.33981	59.03	59.03	1.5	ANNUAL	SRCGP1	5
606312.2	4122580	0.32266	59.1	59.1	1.5	ANNUAL	SRCGP1	5
606472.2	4122580	0.20745	59.36	59.36	1.5	ANNUAL	SRCGP1	5
606492.2	4122580	0.19614	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606512.2	4122580	0.18549	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606532.2	4122580	0.17585	59.36	59.36	1.5	ANNUAL	SRCGP1	5
606552.2	4122580	0.16646	59.85	59.85	1.5	ANNUAL	SRCGP1	5
606572.2	4122580	0.15793	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606592.2	4122580	0.15001	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606612.2	4122580	0.14282	59.51	59.51	1.5	ANNUAL	SRCGP1	5
606632.2	4122580	0.13599	59.52	59.52	1.5	ANNUAL	SRCGP1	5
606652.2	4122580	0.12966	59.54	59.54	1.5	ANNUAL	SRCGP1	5
606672.2	4122580	0.12378	59.56	59.56	1.5	ANNUAL	SRCGP1	5
606692.2	4122580	0.11825	59.83	59.83	1.5	ANNUAL	SRCGP1	5
606712.2	4122580	0.1132	59.75	59.75	1.5	ANNUAL	SRCGP1	5
606732.2	4122580	0.10851	59.65	59.65	1.5	ANNUAL	SRCGP1	5
606752.2	4122580	0.10414	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606772.2	4122580	0.10006	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606792.2	4122580	0.09623	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606812.2	4122580	0.09263	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606832.2	4122580	0.08928	59.53	59.53	1.5	ANNUAL	SRCGP1	5
606852.2	4122580	0.08612	59.6	59.6	1.5	ANNUAL	SRCGP1	5
606992.2	4122580	0.06867	59.46	59.46	1.5	ANNUAL	SRCGP1	5
607012.2	4122580	0.06669	59.39	59.39	1.5	ANNUAL	SRCGP1	5
607032.2	4122580	0.06479	59.45	59.45	1.5	ANNUAL	SRCGP1	5
607052.2	4122580	0.06308	58.85	58.85	1.5	ANNUAL	SRCGP1	5
605932.2	4122600	0.58295	56.42	56.42	1.5	ANNUAL	SRCGP1	5
606252.2	4122600	0.35456	58.95	58.95	1.5	ANNUAL	SRCGP1	5
606272.2	4122600	0.33793	59.29	59.29	1.5	ANNUAL	SRCGP1	5
606292.2	4122600	0.32194	59.23	59.23	1.5	ANNUAL	SRCGP1	5
606312.2	4122600	0.30635	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606412.2	4122600	0.23521	59.03	59.03	1.5	ANNUAL	SRCGP1	5
606432.2	4122600	0.22275	59.02	59.02	1.5	ANNUAL	SRCGP1	5
606452.2	4122600	0.2109	59.07	59.07	1.5	ANNUAL	SRCGP1	5
606472.2	4122600	0.19973	59.05	59.05	1.5	ANNUAL	SRCGP1	5
606492.2	4122600	0.18899	59.45	59.45	1.5	ANNUAL	SRCGP1	5
606512.2	4122600	0.17912	59.44	59.44	1.5	ANNUAL	SRCGP1	5
606532.2	4122600	0.16984	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606552.2	4122600	0.16122	59.43	59.43	1.5	ANNUAL	SRCGP1	5
606572.2	4122600	0.1532	59.31	59.31	1.5	ANNUAL	SRCGP1	5
606592.2	4122600	0.14562	59.49	59.49	1.5	ANNUAL	SRCGP1	5
606612.2	4122600	0.13864	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606632.2	4122600	0.13213	59.55	59.55	1.5	ANNUAL	SRCGP1	5
606652.2	4122600	0.12612	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606672.2	4122600	0.12048	59.59	59.59	1.5	ANNUAL	SRCGP1	5
606692.2	4122600	0.1152	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606712.2	4122600	0.11047	59.35	59.35	1.5	ANNUAL	SRCGP1	5
606992.2	4122600	0.06737	59.59	59.59	1.5	ANNUAL	SRCGP1	5
607012.2	4122600	0.06543	59.66	59.66	1.5	ANNUAL	SRCGP1	5
607032.2	4122600	0.06359	59.69	59.69	1.5	ANNUAL	SRCGP1	5
607052.2	4122600	0.06195	58.78	58.78	1.5	ANNUAL	SRCGP1	5
605632.2	4122620	0.574	56.39	56.39	1.5	ANNUAL	SRCGP1	5
605652.2	4122620	0.5802	56.39	56.39	1.5	ANNUAL	SRCGP1	5
605672.2	4122620	0.58526	56.48	56.48	1.5	ANNUAL	SRCGP1	5
605692.2	4122620	0.58937	56.45	56.45	1.5	ANNUAL	SRCGP1	5
605712.2	4122620	0.59242	56.35	56.35	1.5	ANNUAL	SRCGP1	5

605752.2	4122620	0.59492	56.02	56.02	1.5	ANNUAL	SRCGP1	5
605772.2	4122620	0.59406	56.24	56.24	1.5	ANNUAL	SRCGP1	5
605792.2	4122620	0.59199	56.3	56.3	1.5	ANNUAL	SRCGP1	5
605812.2	4122620	0.58868	56.37	56.37	1.5	ANNUAL	SRCGP1	5
605832.2	4122620	0.58423	56.42	56.42	1.5	ANNUAL	SRCGP1	5
605852.2	4122620	0.57875	56.4	56.4	1.5	ANNUAL	SRCGP1	5
605872.2	4122620	0.57227	56.37	56.37	1.5	ANNUAL	SRCGP1	5
605892.2	4122620	0.5649	56.32	56.32	1.5	ANNUAL	SRCGP1	5
605932.2	4122620	0.54756	56.38	56.38	1.5	ANNUAL	SRCGP1	5
606232.2	4122620	0.35085	58.93	58.93	1.5	ANNUAL	SRCGP1	5
606252.2	4122620	0.33567	59.02	59.02	1.5	ANNUAL	SRCGP1	5
606272.2	4122620	0.3206	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606292.2	4122620	0.30577	59.18	59.18	1.5	ANNUAL	SRCGP1	5
606312.2	4122620	0.29139	59.06	59.06	1.5	ANNUAL	SRCGP1	5
606352.2	4122620	0.26357	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606372.2	4122620	0.25036	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606412.2	4122620	0.22552	58.93	58.93	1.5	ANNUAL	SRCGP1	5
606432.2	4122620	0.21396	58.82	58.82	1.5	ANNUAL	SRCGP1	5
606452.2	4122620	0.20303	58.61	58.61	1.5	ANNUAL	SRCGP1	5
606472.2	4122620	0.19253	58.66	58.66	1.5	ANNUAL	SRCGP1	5
606492.2	4122620	0.18227	59.41	59.41	1.5	ANNUAL	SRCGP1	5
606512.2	4122620	0.17289	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606532.2	4122620	0.16419	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606552.2	4122620	0.15609	59.4	59.4	1.5	ANNUAL	SRCGP1	5
606572.2	4122620	0.14843	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606592.2	4122620	0.14134	59.4	59.4	1.5	ANNUAL	SRCGP1	5
606612.2	4122620	0.13472	59.34	59.34	1.5	ANNUAL	SRCGP1	5
606632.2	4122620	0.12852	59.39	59.39	1.5	ANNUAL	SRCGP1	5
606652.2	4122620	0.12278	59.34	59.34	1.5	ANNUAL	SRCGP1	5
606672.2	4122620	0.11731	59.73	59.73	1.5	ANNUAL	SRCGP1	5
606692.2	4122620	0.1125	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606992.2	4122620	0.06615	59.57	59.57	1.5	ANNUAL	SRCGP1	5
607012.2	4122620	0.06426	59.71	59.71	1.5	ANNUAL	SRCGP1	5
607032.2	4122620	0.06247	59.74	59.74	1.5	ANNUAL	SRCGP1	5
607052.2	4122620	0.06079	59.48	59.48	1.5	ANNUAL	SRCGP1	5
605632.2	4122640	0.55088	56.2	56.2	1.5	ANNUAL	SRCGP1	5
605652.2	4122640	0.55559	56.31	56.31	1.5	ANNUAL	SRCGP1	5
605672.2	4122640	0.55934	56.4	56.4	1.5	ANNUAL	SRCGP1	5
605692.2	4122640	0.56223	56.35	56.35	1.5	ANNUAL	SRCGP1	5
605712.2	4122640	0.564	56.35	56.35	1.5	ANNUAL	SRCGP1	5
605752.2	4122640	0.56449	56.05	56.05	1.5	ANNUAL	SRCGP1	5
605772.2	4122640	0.56275	56.3	56.3	1.5	ANNUAL	SRCGP1	5
605792.2	4122640	0.55999	56.39	56.39	1.5	ANNUAL	SRCGP1	5
605812.2	4122640	0.55606	56.55	56.55	1.5	ANNUAL	SRCGP1	5
605832.2	4122640	0.55132	56.54	56.54	1.5	ANNUAL	SRCGP1	5
605852.2	4122640	0.54565	56.52	56.52	1.5	ANNUAL	SRCGP1	5
605872.2	4122640	0.53889	56.68	56.68	1.5	ANNUAL	SRCGP1	5
605892.2	4122640	0.53175	56.51	56.51	1.5	ANNUAL	SRCGP1	5
605932.2	4122640	0.5153	56.32	56.32	1.5	ANNUAL	SRCGP1	5
606232.2	4122640	0.33231	59.03	59.03	1.5	ANNUAL	SRCGP1	5
606252.2	4122640	0.31838	59.05	59.05	1.5	ANNUAL	SRCGP1	5
606272.2	4122640	0.30456	59.07	59.07	1.5	ANNUAL	SRCGP1	5
606292.2	4122640	0.2909	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606312.2	4122640	0.27758	59.03	59.03	1.5	ANNUAL	SRCGP1	5
606352.2	4122640	0.25184	58.98	58.98	1.5	ANNUAL	SRCGP1	5
606412.2	4122640	0.21645	58.87	58.87	1.5	ANNUAL	SRCGP1	5
606432.2	4122640	0.20567	58.74	58.74	1.5	ANNUAL	SRCGP1	5
606452.2	4122640	0.19537	58.67	58.67	1.5	ANNUAL	SRCGP1	5
606472.2	4122640	0.18551	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606492.2	4122640	0.17606	59.12	59.12	1.5	ANNUAL	SRCGP1	5
606512.2	4122640	0.16719	59.4	59.4	1.5	ANNUAL	SRCGP1	5
606532.2	4122640	0.15887	59.61	59.61	1.5	ANNUAL	SRCGP1	5
606552.2	4122640	0.15128	59.29	59.29	1.5	ANNUAL	SRCGP1	5

606572.2	4122640	0.14398	59.46	59.46	1.5	ANNUAL	SRCGP1	5
606592.2	4122640	0.13726	59.33	59.33	1.5	ANNUAL	SRCGP1	5
606612.2	4122640	0.13089	59.48	59.48	1.5	ANNUAL	SRCGP1	5
606632.2	4122640	0.12507	59.24	59.24	1.5	ANNUAL	SRCGP1	5
606652.2	4122640	0.11954	59.35	59.35	1.5	ANNUAL	SRCGP1	5
606672.2	4122640	0.11455	58.82	58.82	1.5	ANNUAL	SRCGP1	5
606732.2	4122640	0.10114	58.7	58.7	1.5	ANNUAL	SRCGP1	5
606752.2	4122640	0.09723	58.71	58.71	1.5	ANNUAL	SRCGP1	5
606772.2	4122640	0.09357	58.71	58.71	1.5	ANNUAL	SRCGP1	5
606852.2	4122640	0.08105	58.74	58.74	1.5	ANNUAL	SRCGP1	5
606872.2	4122640	0.07838	58.68	58.68	1.5	ANNUAL	SRCGP1	5
606992.2	4122640	0.06499	59.6	59.6	1.5	ANNUAL	SRCGP1	5
607012.2	4122640	0.06314	59.74	59.74	1.5	ANNUAL	SRCGP1	5
607032.2	4122640	0.0614	59.77	59.77	1.5	ANNUAL	SRCGP1	5
607052.2	4122640	0.05974	59.79	59.79	1.5	ANNUAL	SRCGP1	5
605632.2	4122660	0.5283	55.89	55.89	1.5	ANNUAL	SRCGP1	5
605652.2	4122660	0.53194	56.02	56.02	1.5	ANNUAL	SRCGP1	5
605672.2	4122660	0.53467	56.08	56.08	1.5	ANNUAL	SRCGP1	5
605692.2	4122660	0.53646	56.11	56.11	1.5	ANNUAL	SRCGP1	5
605712.2	4122660	0.53728	56.06	56.06	1.5	ANNUAL	SRCGP1	5
605752.2	4122660	0.53592	55.86	55.86	1.5	ANNUAL	SRCGP1	5
605772.2	4122660	0.53373	56.09	56.09	1.5	ANNUAL	SRCGP1	5
605792.2	4122660	0.53053	56.18	56.18	1.5	ANNUAL	SRCGP1	5
605812.2	4122660	0.52621	56.38	56.38	1.5	ANNUAL	SRCGP1	5
605832.2	4122660	0.52131	56.3	56.3	1.5	ANNUAL	SRCGP1	5
605852.2	4122660	0.51542	56.39	56.39	1.5	ANNUAL	SRCGP1	5
605872.2	4122660	0.50868	56.58	56.58	1.5	ANNUAL	SRCGP1	5
605892.2	4122660	0.50152	56.56	56.56	1.5	ANNUAL	SRCGP1	5
605932.2	4122660	0.48579	56.27	56.27	1.5	ANNUAL	SRCGP1	5
606252.2	4122660	0.30253	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606272.2	4122660	0.28972	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606292.2	4122660	0.27714	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606312.2	4122660	0.2648	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606352.2	4122660	0.24093	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606412.2	4122660	0.20794	58.88	58.88	1.5	ANNUAL	SRCGP1	5
606432.2	4122660	0.19782	58.82	58.82	1.5	ANNUAL	SRCGP1	5
606452.2	4122660	0.18809	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606472.2	4122660	0.17892	58.85	58.85	1.5	ANNUAL	SRCGP1	5
606492.2	4122660	0.17023	58.76	58.76	1.5	ANNUAL	SRCGP1	5
606512.2	4122660	0.16168	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606532.2	4122660	0.1539	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606552.2	4122660	0.1466	59.47	59.47	1.5	ANNUAL	SRCGP1	5
606572.2	4122660	0.13986	59.13	59.13	1.5	ANNUAL	SRCGP1	5
606592.2	4122660	0.13337	59.29	59.29	1.5	ANNUAL	SRCGP1	5
606612.2	4122660	0.12736	59.25	59.25	1.5	ANNUAL	SRCGP1	5
606632.2	4122660	0.12174	59.24	59.24	1.5	ANNUAL	SRCGP1	5
606652.2	4122660	0.11644	59.44	59.44	1.5	ANNUAL	SRCGP1	5
606672.2	4122660	0.11169	58.79	58.79	1.5	ANNUAL	SRCGP1	5
606712.2	4122660	0.10287	58.53	58.53	1.5	ANNUAL	SRCGP1	5
606732.2	4122660	0.09881	58.72	58.72	1.5	ANNUAL	SRCGP1	5
606752.2	4122660	0.09504	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606772.2	4122660	0.09152	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606792.2	4122660	0.08822	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606832.2	4122660	0.08219	58.78	58.78	1.5	ANNUAL	SRCGP1	5
606852.2	4122660	0.07944	58.78	58.78	1.5	ANNUAL	SRCGP1	5
606872.2	4122660	0.07683	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606892.2	4122660	0.07438	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606992.2	4122660	0.06387	59.64	59.64	1.5	ANNUAL	SRCGP1	5
607012.2	4122660	0.06208	59.77	59.77	1.5	ANNUAL	SRCGP1	5
607032.2	4122660	0.06038	59.77	59.77	1.5	ANNUAL	SRCGP1	5
605632.2	4122680	0.50643	55.67	55.67	1.5	ANNUAL	SRCGP1	5
605652.2	4122680	0.50906	55.72	55.72	1.5	ANNUAL	SRCGP1	5
605672.2	4122680	0.51085	55.77	55.77	1.5	ANNUAL	SRCGP1	5

605852.2	4122680	0.48764	56.07	56.07	1.5	ANNUAL	SRCGP1	5
605872.2	4122680	0.48073	56.62	56.62	1.5	ANNUAL	SRCGP1	5
605892.2	4122680	0.47366	56.71	56.71	1.5	ANNUAL	SRCGP1	5
605932.2	4122680	0.45873	56.25	56.25	1.5	ANNUAL	SRCGP1	5
605952.2	4122680	0.44991	56.78	56.78	1.5	ANNUAL	SRCGP1	5
605972.2	4122680	0.44096	57.09	57.09	1.5	ANNUAL	SRCGP1	5
606252.2	4122680	0.28788	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606272.2	4122680	0.27607	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606312.2	4122680	0.25296	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606352.2	4122680	0.23073	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606372.2	4122680	0.22013	58.95	58.95	1.5	ANNUAL	SRCGP1	5
606392.2	4122680	0.20995	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606412.2	4122680	0.19992	58.99	58.99	1.5	ANNUAL	SRCGP1	5
606432.2	4122680	0.19047	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606452.2	4122680	0.18138	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606472.2	4122680	0.17276	58.86	58.86	1.5	ANNUAL	SRCGP1	5
606492.2	4122680	0.16458	58.74	58.74	1.5	ANNUAL	SRCGP1	5
606512.2	4122680	0.15652	59.44	59.44	1.5	ANNUAL	SRCGP1	5
606532.2	4122680	0.14922	59.32	59.32	1.5	ANNUAL	SRCGP1	5
606552.2	4122680	0.14227	59.38	59.38	1.5	ANNUAL	SRCGP1	5
606572.2	4122680	0.13591	58.86	58.86	1.5	ANNUAL	SRCGP1	5
606592.2	4122680	0.12973	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606612.2	4122680	0.12395	59.19	59.19	1.5	ANNUAL	SRCGP1	5
606632.2	4122680	0.11851	59.44	59.44	1.5	ANNUAL	SRCGP1	5
606652.2	4122680	0.11351	59.36	59.36	1.5	ANNUAL	SRCGP1	5
606732.2	4122680	0.09659	58.66	58.66	1.5	ANNUAL	SRCGP1	5
606752.2	4122680	0.09296	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606772.2	4122680	0.08957	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606792.2	4122680	0.08638	58.73	58.73	1.5	ANNUAL	SRCGP1	5
606812.2	4122680	0.08338	58.76	58.76	1.5	ANNUAL	SRCGP1	5
606832.2	4122680	0.08054	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606852.2	4122680	0.07786	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606872.2	4122680	0.07536	59.05	59.05	1.5	ANNUAL	SRCGP1	5
606892.2	4122680	0.073	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606992.2	4122680	0.06281	59.57	59.57	1.5	ANNUAL	SRCGP1	5
607012.2	4122680	0.06107	59.61	59.61	1.5	ANNUAL	SRCGP1	5
607032.2	4122680	0.05941	59.7	59.7	1.5	ANNUAL	SRCGP1	5
605632.2	4122700	0.48537	56.12	56.12	1.5	ANNUAL	SRCGP1	5
605652.2	4122700	0.48714	56.16	56.16	1.5	ANNUAL	SRCGP1	5
605672.2	4122700	0.48808	56.22	56.22	1.5	ANNUAL	SRCGP1	5
605692.2	4122700	0.48828	56.22	56.22	1.5	ANNUAL	SRCGP1	5
605712.2	4122700	0.48763	56.25	56.25	1.5	ANNUAL	SRCGP1	5
605752.2	4122700	0.48403	56.02	56.02	1.5	ANNUAL	SRCGP1	5
605772.2	4122700	0.48098	56.04	56.04	1.5	ANNUAL	SRCGP1	5
605792.2	4122700	0.47718	56.11	56.11	1.5	ANNUAL	SRCGP1	5
605812.2	4122700	0.47267	56.14	56.14	1.5	ANNUAL	SRCGP1	5
605852.2	4122700	0.46174	56.07	56.07	1.5	ANNUAL	SRCGP1	5
605872.2	4122700	0.455	56.63	56.63	1.5	ANNUAL	SRCGP1	5
605892.2	4122700	0.44811	56.78	56.78	1.5	ANNUAL	SRCGP1	5
605932.2	4122700	0.43389	56.22	56.22	1.5	ANNUAL	SRCGP1	5
605952.2	4122700	0.42551	56.78	56.78	1.5	ANNUAL	SRCGP1	5
605972.2	4122700	0.41684	57.33	57.33	1.5	ANNUAL	SRCGP1	5
605992.2	4122700	0.40831	57.38	57.38	1.5	ANNUAL	SRCGP1	5
606012.2	4122700	0.39953	57.36	57.36	1.5	ANNUAL	SRCGP1	5
606032.2	4122700	0.39029	57.56	57.56	1.5	ANNUAL	SRCGP1	5
606112.2	4122700	0.35047	58.46	58.46	1.5	ANNUAL	SRCGP1	5
606132.2	4122700	0.33973	58.93	58.93	1.5	ANNUAL	SRCGP1	5
606412.2	4122700	0.19247	59	59	1.5	ANNUAL	SRCGP1	5
606432.2	4122700	0.1836	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606452.2	4122700	0.17507	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606472.2	4122700	0.16693	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606492.2	4122700	0.1592	58.86	58.86	1.5	ANNUAL	SRCGP1	5
606512.2	4122700	0.15177	59.04	59.04	1.5	ANNUAL	SRCGP1	5

606532.2	4122700	0.14472	59.29	59.29	1.5	ANNUAL	SRCGP1	5
606552.2	4122700	0.1382	59.11	59.11	1.5	ANNUAL	SRCGP1	5
606572.2	4122700	0.13208	58.83	58.83	1.5	ANNUAL	SRCGP1	5
606592.2	4122700	0.12617	59.12	59.12	1.5	ANNUAL	SRCGP1	5
606612.2	4122700	0.12066	59.25	59.25	1.5	ANNUAL	SRCGP1	5
606632.2	4122700	0.11552	59.26	59.26	1.5	ANNUAL	SRCGP1	5
606652.2	4122700	0.1107	59.33	59.33	1.5	ANNUAL	SRCGP1	5
606732.2	4122700	0.09443	58.72	58.72	1.5	ANNUAL	SRCGP1	5
606752.2	4122700	0.09095	58.72	58.72	1.5	ANNUAL	SRCGP1	5
606772.2	4122700	0.08769	58.69	58.69	1.5	ANNUAL	SRCGP1	5
606792.2	4122700	0.0846	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606812.2	4122700	0.08169	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606832.2	4122700	0.07894	59.08	59.08	1.5	ANNUAL	SRCGP1	5
606852.2	4122700	0.07637	59.14	59.14	1.5	ANNUAL	SRCGP1	5
606872.2	4122700	0.07396	58.97	58.97	1.5	ANNUAL	SRCGP1	5
605632.2	4122720	0.46521	55.87	55.87	1.5	ANNUAL	SRCGP1	5
605652.2	4122720	0.46626	55.98	55.98	1.5	ANNUAL	SRCGP1	5
605672.2	4122720	0.46658	56.08	56.08	1.5	ANNUAL	SRCGP1	5
605692.2	4122720	0.46602	56.34	56.34	1.5	ANNUAL	SRCGP1	5
605712.2	4122720	0.46494	56.25	56.25	1.5	ANNUAL	SRCGP1	5
605752.2	4122720	0.46052	56.1	56.1	1.5	ANNUAL	SRCGP1	5
605812.2	4122720	0.44838	56.43	56.43	1.5	ANNUAL	SRCGP1	5
605872.2	4122720	0.43126	56.64	56.64	1.5	ANNUAL	SRCGP1	5
605892.2	4122720	0.42458	56.83	56.83	1.5	ANNUAL	SRCGP1	5
605952.2	4122720	0.40299	56.89	56.89	1.5	ANNUAL	SRCGP1	5
605972.2	4122720	0.39485	57.38	57.38	1.5	ANNUAL	SRCGP1	5
605992.2	4122720	0.38684	57.37	57.37	1.5	ANNUAL	SRCGP1	5
606112.2	4122720	0.33268	58.4	58.4	1.5	ANNUAL	SRCGP1	5
606132.2	4122720	0.32254	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606152.2	4122720	0.31271	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606172.2	4122720	0.30277	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606192.2	4122720	0.29283	58.65	58.65	1.5	ANNUAL	SRCGP1	5
606212.2	4122720	0.28261	58.68	58.68	1.5	ANNUAL	SRCGP1	5
606232.2	4122720	0.2723	58.79	58.79	1.5	ANNUAL	SRCGP1	5
606252.2	4122720	0.26195	59	59	1.5	ANNUAL	SRCGP1	5
606272.2	4122720	0.25171	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606292.2	4122720	0.24168	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606312.2	4122720	0.23177	58.95	58.95	1.5	ANNUAL	SRCGP1	5
606352.2	4122720	0.21253	58.82	58.82	1.5	ANNUAL	SRCGP1	5
606372.2	4122720	0.20328	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606412.2	4122720	0.18547	59.02	59.02	1.5	ANNUAL	SRCGP1	5
606432.2	4122720	0.17714	58.95	58.95	1.5	ANNUAL	SRCGP1	5
606452.2	4122720	0.16913	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606472.2	4122720	0.16144	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606492.2	4122720	0.1542	58.71	58.71	1.5	ANNUAL	SRCGP1	5
606512.2	4122720	0.14716	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606532.2	4122720	0.14049	59.14	59.14	1.5	ANNUAL	SRCGP1	5
606552.2	4122720	0.13428	59	59	1.5	ANNUAL	SRCGP1	5
606572.2	4122720	0.12837	59.05	59.05	1.5	ANNUAL	SRCGP1	5
606592.2	4122720	0.12281	59.05	59.05	1.5	ANNUAL	SRCGP1	5
606612.2	4122720	0.11757	59.1	59.1	1.5	ANNUAL	SRCGP1	5
606632.2	4122720	0.11268	59	59	1.5	ANNUAL	SRCGP1	5
606652.2	4122720	0.1081	58.88	58.88	1.5	ANNUAL	SRCGP1	5
606732.2	4122720	0.09237	58.73	58.73	1.5	ANNUAL	SRCGP1	5
606752.2	4122720	0.08901	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606772.2	4122720	0.08587	58.73	58.73	1.5	ANNUAL	SRCGP1	5
606792.2	4122720	0.08287	58.9	58.9	1.5	ANNUAL	SRCGP1	5
606812.2	4122720	0.08006	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606832.2	4122720	0.07743	59.03	59.03	1.5	ANNUAL	SRCGP1	5
606852.2	4122720	0.07495	59.01	59.01	1.5	ANNUAL	SRCGP1	5
607032.2	4122720	0.05763	59.05	59.05	1.5	ANNUAL	SRCGP1	5
605632.2	4122740	0.44578	55.37	55.37	1.5	ANNUAL	SRCGP1	5
605652.2	4122740	0.44626	55.45	55.45	1.5	ANNUAL	SRCGP1	5

605672.2	4122740	0.44613	55.81	55.81	1.5	ANNUAL	SRCGP1	5
605692.2	4122740	0.44522	56.06	56.06	1.5	ANNUAL	SRCGP1	5
605712.2	4122740	0.4436	56.2	56.2	1.5	ANNUAL	SRCGP1	5
605752.2	4122740	0.43852	56.02	56.02	1.5	ANNUAL	SRCGP1	5
605812.2	4122740	0.426	56.51	56.51	1.5	ANNUAL	SRCGP1	5
605872.2	4122740	0.40926	56.71	56.71	1.5	ANNUAL	SRCGP1	5
605892.2	4122740	0.40288	56.86	56.86	1.5	ANNUAL	SRCGP1	5
605952.2	4122740	0.38236	56.87	56.87	1.5	ANNUAL	SRCGP1	5
605972.2	4122740	0.3747	57.3	57.3	1.5	ANNUAL	SRCGP1	5
605992.2	4122740	0.3671	57.33	57.33	1.5	ANNUAL	SRCGP1	5
606112.2	4122740	0.31626	58.38	58.38	1.5	ANNUAL	SRCGP1	5
606132.2	4122740	0.30685	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606152.2	4122740	0.29759	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606172.2	4122740	0.2883	58.99	58.99	1.5	ANNUAL	SRCGP1	5
606192.2	4122740	0.27901	58.79	58.79	1.5	ANNUAL	SRCGP1	5
606212.2	4122740	0.26949	58.84	58.84	1.5	ANNUAL	SRCGP1	5
606232.2	4122740	0.25998	58.8	58.8	1.5	ANNUAL	SRCGP1	5
606252.2	4122740	0.25038	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606272.2	4122740	0.24093	58.9	58.9	1.5	ANNUAL	SRCGP1	5
606292.2	4122740	0.23151	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606312.2	4122740	0.22227	58.89	58.89	1.5	ANNUAL	SRCGP1	5
606352.2	4122740	0.20429	58.76	58.76	1.5	ANNUAL	SRCGP1	5
606392.2	4122740	0.18729	58.47	58.47	1.5	ANNUAL	SRCGP1	5
606412.2	4122740	0.17893	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606432.2	4122740	0.17111	58.83	58.83	1.5	ANNUAL	SRCGP1	5
606452.2	4122740	0.16352	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606472.2	4122740	0.15631	58.79	58.79	1.5	ANNUAL	SRCGP1	5
606492.2	4122740	0.14941	58.72	58.72	1.5	ANNUAL	SRCGP1	5
606512.2	4122740	0.14268	59.14	59.14	1.5	ANNUAL	SRCGP1	5
606532.2	4122740	0.13647	58.97	58.97	1.5	ANNUAL	SRCGP1	5
606552.2	4122740	0.13052	59	59	1.5	ANNUAL	SRCGP1	5
606572.2	4122740	0.12486	59.16	59.16	1.5	ANNUAL	SRCGP1	5
606592.2	4122740	0.11967	58.73	58.73	1.5	ANNUAL	SRCGP1	5
606612.2	4122740	0.11462	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606632.2	4122740	0.10991	58.98	58.98	1.5	ANNUAL	SRCGP1	5
606732.2	4122740	0.09037	58.86	58.86	1.5	ANNUAL	SRCGP1	5
606752.2	4122740	0.08714	58.85	58.85	1.5	ANNUAL	SRCGP1	5
606772.2	4122740	0.0841	58.81	58.81	1.5	ANNUAL	SRCGP1	5
606792.2	4122740	0.08122	58.97	58.97	1.5	ANNUAL	SRCGP1	5
606812.2	4122740	0.07852	58.97	58.97	1.5	ANNUAL	SRCGP1	5
606832.2	4122740	0.07598	58.88	58.88	1.5	ANNUAL	SRCGP1	5
606952.2	4122740	0.0633	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606972.2	4122740	0.06152	59.33	59.33	1.5	ANNUAL	SRCGP1	5
606992.2	4122740	0.05988	58.99	58.99	1.5	ANNUAL	SRCGP1	5
607012.2	4122740	0.05829	58.9	58.9	1.5	ANNUAL	SRCGP1	5
607032.2	4122740	0.05675	59.01	59.01	1.5	ANNUAL	SRCGP1	5
607052.2	4122740	0.0553	58.96	58.96	1.5	ANNUAL	SRCGP1	5
605632.2	4122760	0.42736	55.34	55.34	1.5	ANNUAL	SRCGP1	5
605652.2	4122760	0.42722	55.21	55.21	1.5	ANNUAL	SRCGP1	5
605672.2	4122760	0.42671	55.59	55.59	1.5	ANNUAL	SRCGP1	5
605692.2	4122760	0.42544	55.89	55.89	1.5	ANNUAL	SRCGP1	5
605712.2	4122760	0.4234	56.3	56.3	1.5	ANNUAL	SRCGP1	5
605752.2	4122760	0.41791	55.94	55.94	1.5	ANNUAL	SRCGP1	5
605772.2	4122760	0.41424	56.19	56.19	1.5	ANNUAL	SRCGP1	5
605812.2	4122760	0.40531	56.43	56.43	1.5	ANNUAL	SRCGP1	5
605832.2	4122760	0.40028	56.44	56.44	1.5	ANNUAL	SRCGP1	5
605872.2	4122760	0.38899	56.66	56.66	1.5	ANNUAL	SRCGP1	5
605892.2	4122760	0.38284	56.85	56.85	1.5	ANNUAL	SRCGP1	5
605912.2	4122760	0.37666	56.7	56.7	1.5	ANNUAL	SRCGP1	5
605952.2	4122760	0.36332	56.83	56.83	1.5	ANNUAL	SRCGP1	5
605972.2	4122760	0.35606	57.28	57.28	1.5	ANNUAL	SRCGP1	5
605992.2	4122760	0.34885	57.37	57.37	1.5	ANNUAL	SRCGP1	5
606112.2	4122760	0.30107	58.4	58.4	1.5	ANNUAL	SRCGP1	5

606132.2	4122760	0.29225	58.99	58.99	1.5	ANNUAL	SRCGP1	5
606152.2	4122760	0.28368	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606172.2	4122760	0.27498	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606192.2	4122760	0.26621	58.93	58.93	1.5	ANNUAL	SRCGP1	5
606212.2	4122760	0.25736	58.95	58.95	1.5	ANNUAL	SRCGP1	5
606232.2	4122760	0.24846	58.97	58.97	1.5	ANNUAL	SRCGP1	5
606252.2	4122760	0.23956	59.02	59.02	1.5	ANNUAL	SRCGP1	5
606272.2	4122760	0.23077	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606292.2	4122760	0.22196	59.02	59.02	1.5	ANNUAL	SRCGP1	5
606312.2	4122760	0.21341	58.8	58.8	1.5	ANNUAL	SRCGP1	5
606352.2	4122760	0.19659	58.68	58.68	1.5	ANNUAL	SRCGP1	5
606392.2	4122760	0.18057	58.55	58.55	1.5	ANNUAL	SRCGP1	5
606412.2	4122760	0.17276	58.89	58.89	1.5	ANNUAL	SRCGP1	5
606432.2	4122760	0.1654	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606452.2	4122760	0.15827	58.74	58.74	1.5	ANNUAL	SRCGP1	5
606472.2	4122760	0.1514	58.81	58.81	1.5	ANNUAL	SRCGP1	5
606492.2	4122760	0.14486	58.79	58.79	1.5	ANNUAL	SRCGP1	5
606512.2	4122760	0.1385	59.13	59.13	1.5	ANNUAL	SRCGP1	5
606532.2	4122760	0.13259	59	59	1.5	ANNUAL	SRCGP1	5
606552.2	4122760	0.12692	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606572.2	4122760	0.12161	58.9	58.9	1.5	ANNUAL	SRCGP1	5
606592.2	4122760	0.11661	58.64	58.64	1.5	ANNUAL	SRCGP1	5
606612.2	4122760	0.11178	58.84	58.84	1.5	ANNUAL	SRCGP1	5
606732.2	4122760	0.08846	58.85	58.85	1.5	ANNUAL	SRCGP1	5
606752.2	4122760	0.08535	58.81	58.81	1.5	ANNUAL	SRCGP1	5
606772.2	4122760	0.08241	58.81	58.81	1.5	ANNUAL	SRCGP1	5
606792.2	4122760	0.07963	58.91	58.91	1.5	ANNUAL	SRCGP1	5
606812.2	4122760	0.07703	58.85	58.85	1.5	ANNUAL	SRCGP1	5
606952.2	4122760	0.06227	59.04	59.04	1.5	ANNUAL	SRCGP1	5
606972.2	4122760	0.06055	59.14	59.14	1.5	ANNUAL	SRCGP1	5
606992.2	4122760	0.05894	59.04	59.04	1.5	ANNUAL	SRCGP1	5
607012.2	4122760	0.05738	59.07	59.07	1.5	ANNUAL	SRCGP1	5
607032.2	4122760	0.05589	59.14	59.14	1.5	ANNUAL	SRCGP1	5
607052.2	4122760	0.05445	59.43	59.43	1.5	ANNUAL	SRCGP1	5
605632.2	4122780	0.40996	55.85	55.85	1.5	ANNUAL	SRCGP1	5
605652.2	4122780	0.40937	55.45	55.45	1.5	ANNUAL	SRCGP1	5
605672.2	4122780	0.40833	55.53	55.53	1.5	ANNUAL	SRCGP1	5
605692.2	4122780	0.40675	55.97	55.97	1.5	ANNUAL	SRCGP1	5
605712.2	4122780	0.40442	56.36	56.36	1.5	ANNUAL	SRCGP1	5
605752.2	4122780	0.39862	55.83	55.83	1.5	ANNUAL	SRCGP1	5
605772.2	4122780	0.39484	56.24	56.24	1.5	ANNUAL	SRCGP1	5
605792.2	4122780	0.39063	56.32	56.32	1.5	ANNUAL	SRCGP1	5
605812.2	4122780	0.38607	56.32	56.32	1.5	ANNUAL	SRCGP1	5
605872.2	4122780	0.37025	56.54	56.54	1.5	ANNUAL	SRCGP1	5
605892.2	4122780	0.36426	56.87	56.87	1.5	ANNUAL	SRCGP1	5
605912.2	4122780	0.3583	56.82	56.82	1.5	ANNUAL	SRCGP1	5
605952.2	4122780	0.34569	56.84	56.84	1.5	ANNUAL	SRCGP1	5
605992.2	4122780	0.33196	57.42	57.42	1.5	ANNUAL	SRCGP1	5
606112.2	4122780	0.28695	58.54	58.54	1.5	ANNUAL	SRCGP1	5
606132.2	4122780	0.27881	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606152.2	4122780	0.2708	58.85	58.85	1.5	ANNUAL	SRCGP1	5
606172.2	4122780	0.26268	58.83	58.83	1.5	ANNUAL	SRCGP1	5
606192.2	4122780	0.25439	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606212.2	4122780	0.24615	58.93	58.93	1.5	ANNUAL	SRCGP1	5
606232.2	4122780	0.23784	58.96	58.96	1.5	ANNUAL	SRCGP1	5
606252.2	4122780	0.22953	59.01	59.01	1.5	ANNUAL	SRCGP1	5
606272.2	4122780	0.22132	58.92	58.92	1.5	ANNUAL	SRCGP1	5
606292.2	4122780	0.21317	58.83	58.83	1.5	ANNUAL	SRCGP1	5
606312.2	4122780	0.20508	58.8	58.8	1.5	ANNUAL	SRCGP1	5
606352.2	4122780	0.1893	58.75	58.75	1.5	ANNUAL	SRCGP1	5
606372.2	4122780	0.18171	58.61	58.61	1.5	ANNUAL	SRCGP1	5
606392.2	4122780	0.17424	58.65	58.65	1.5	ANNUAL	SRCGP1	5
606412.2	4122780	0.16701	58.67	58.67	1.5	ANNUAL	SRCGP1	5

606432.2	4122780	0.16001	58.69	58.69	1.5	ANNUAL	SRCGP1	5
606452.2	4122780	0.15326	58.72	58.72	1.5	ANNUAL	SRCGP1	5
606472.2	4122780	0.14676	58.8	58.8	1.5	ANNUAL	SRCGP1	5
606492.2	4122780	0.14056	58.78	58.78	1.5	ANNUAL	SRCGP1	5
606512.2	4122780	0.13456	58.99	58.99	1.5	ANNUAL	SRCGP1	5
606532.2	4122780	0.12894	58.87	58.87	1.5	ANNUAL	SRCGP1	5
606552.2	4122780	0.12356	58.84	58.84	1.5	ANNUAL	SRCGP1	5
606572.2	4122780	0.11844	58.9	58.9	1.5	ANNUAL	SRCGP1	5
606592.2	4122780	0.11361	58.86	58.86	1.5	ANNUAL	SRCGP1	5
606852.2	4122780	0.07087	59.42	59.42	1.5	ANNUAL	SRCGP1	5
606872.2	4122780	0.0687	59.78	59.78	1.5	ANNUAL	SRCGP1	5
606892.2	4122780	0.06667	59.88	59.88	1.5	ANNUAL	SRCGP1	5
606912.2	4122780	0.06479	59.41	59.41	1.5	ANNUAL	SRCGP1	5
606932.2	4122780	0.06299	59.16	59.16	1.5	ANNUAL	SRCGP1	5
606952.2	4122780	0.06126	59.13	59.13	1.5	ANNUAL	SRCGP1	5
606972.2	4122780	0.05959	59.24	59.24	1.5	ANNUAL	SRCGP1	5
606992.2	4122780	0.058	59.35	59.35	1.5	ANNUAL	SRCGP1	5
607012.2	4122780	0.05648	59.45	59.45	1.5	ANNUAL	SRCGP1	5
607032.2	4122780	0.05503	59.54	59.54	1.5	ANNUAL	SRCGP1	5
607052.2	4122780	0.05365	59.6	59.6	1.5	ANNUAL	SRCGP1	5
605632.2	4122800	0.39326	55.94	55.94	1.5	ANNUAL	SRCGP1	5
605652.2	4122800	0.3924	55.72	55.72	1.5	ANNUAL	SRCGP1	5
605672.2	4122800	0.39093	55.44	55.44	1.5	ANNUAL	SRCGP1	5
605692.2	4122800	0.38913	55.95	55.95	1.5	ANNUAL	SRCGP1	5
605712.2	4122800	0.38667	56.24	56.24	1.5	ANNUAL	SRCGP1	5
605732.2	4122800	0.38385	56.16	56.16	1.5	ANNUAL	SRCGP1	5
605772.2	4122800	0.37679	56.15	56.15	1.5	ANNUAL	SRCGP1	5
605872.2	4122800	0.35276	56.54	56.54	1.5	ANNUAL	SRCGP1	5
605892.2	4122800	0.34707	56.82	56.82	1.5	ANNUAL	SRCGP1	5
605912.2	4122800	0.3413	56.89	56.89	1.5	ANNUAL	SRCGP1	5
605952.2	4122800	0.32932	56.89	56.89	1.5	ANNUAL	SRCGP1	5
605992.2	4122800	0.31637	57.38	57.38	1.5	ANNUAL	SRCGP1	5
606032.2	4122800	0.30298	57.49	57.49	1.5	ANNUAL	SRCGP1	5
606112.2	4122800	0.27395	58.52	58.52	1.5	ANNUAL	SRCGP1	5
606352.2	4122800	0.18254	58.58	58.58	1.5	ANNUAL	SRCGP1	5
606372.2	4122800	0.17543	58.38	58.38	1.5	ANNUAL	SRCGP1	5
606392.2	4122800	0.16834	58.59	58.59	1.5	ANNUAL	SRCGP1	5
606412.2	4122800	0.1615	58.67	58.67	1.5	ANNUAL	SRCGP1	5
606432.2	4122800	0.1549	58.67	58.67	1.5	ANNUAL	SRCGP1	5
606452.2	4122800	0.14853	58.68	58.68	1.5	ANNUAL	SRCGP1	5
606472.2	4122800	0.14236	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606492.2	4122800	0.1365	58.69	58.69	1.5	ANNUAL	SRCGP1	5
606512.2	4122800	0.13079	58.94	58.94	1.5	ANNUAL	SRCGP1	5
606532.2	4122800	0.12545	58.78	58.78	1.5	ANNUAL	SRCGP1	5
606552.2	4122800	0.12032	58.77	58.77	1.5	ANNUAL	SRCGP1	5
606572.2	4122800	0.11544	58.78	58.78	1.5	ANNUAL	SRCGP1	5
606672.2	4122800	0.09455	59.6	59.6	1.5	ANNUAL	SRCGP1	5
606692.2	4122800	0.09107	59.7	59.7	1.5	ANNUAL	SRCGP1	5
606712.2	4122800	0.08781	59.64	59.64	1.5	ANNUAL	SRCGP1	5
606732.2	4122800	0.08474	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606752.2	4122800	0.08187	59.35	59.35	1.5	ANNUAL	SRCGP1	5
606852.2	4122800	0.06957	59.84	59.84	1.5	ANNUAL	SRCGP1	5
606872.2	4122800	0.06749	59.89	59.89	1.5	ANNUAL	SRCGP1	5
606892.2	4122800	0.06554	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606912.2	4122800	0.06372	59.35	59.35	1.5	ANNUAL	SRCGP1	5
606932.2	4122800	0.06196	59.26	59.26	1.5	ANNUAL	SRCGP1	5
606952.2	4122800	0.06026	59.35	59.35	1.5	ANNUAL	SRCGP1	5
606972.2	4122800	0.05865	59.35	59.35	1.5	ANNUAL	SRCGP1	5
606992.2	4122800	0.05711	59.48	59.48	1.5	ANNUAL	SRCGP1	5
607012.2	4122800	0.05563	59.6	59.6	1.5	ANNUAL	SRCGP1	5
607032.2	4122800	0.05422	59.72	59.72	1.5	ANNUAL	SRCGP1	5
607052.2	4122800	0.05287	59.83	59.83	1.5	ANNUAL	SRCGP1	5
605632.2	4122820	0.37739	56.01	56.01	1.5	ANNUAL	SRCGP1	5

605652.2	4122820	0.37623	55.93	55.93	1.5	ANNUAL	SRCGP1	5
605672.2	4122820	0.37453	55.46	55.46	1.5	ANNUAL	SRCGP1	5
605692.2	4122820	0.3725	55.87	55.87	1.5	ANNUAL	SRCGP1	5
605712.2	4122820	0.36995	56.12	56.12	1.5	ANNUAL	SRCGP1	5
605732.2	4122820	0.3669	56.28	56.28	1.5	ANNUAL	SRCGP1	5
605832.2	4122820	0.3467	56.19	56.19	1.5	ANNUAL	SRCGP1	5
605852.2	4122820	0.34166	56.45	56.45	1.5	ANNUAL	SRCGP1	5
605872.2	4122820	0.33643	56.68	56.68	1.5	ANNUAL	SRCGP1	5
605892.2	4122820	0.33104	56.85	56.85	1.5	ANNUAL	SRCGP1	5
605912.2	4122820	0.32562	56.78	56.78	1.5	ANNUAL	SRCGP1	5
605952.2	4122820	0.31422	56.78	56.78	1.5	ANNUAL	SRCGP1	5
606672.2	4122820	0.09243	60.05	60.05	1.5	ANNUAL	SRCGP1	5
606692.2	4122820	0.08909	60.05	60.05	1.5	ANNUAL	SRCGP1	5
606712.2	4122820	0.08594	60.05	60.05	1.5	ANNUAL	SRCGP1	5
606732.2	4122820	0.08297	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606752.2	4122820	0.08021	59.76	59.76	1.5	ANNUAL	SRCGP1	5
606852.2	4122820	0.06835	59.81	59.81	1.5	ANNUAL	SRCGP1	5
606872.2	4122820	0.06636	59.66	59.66	1.5	ANNUAL	SRCGP1	5
606892.2	4122820	0.06447	59.52	59.52	1.5	ANNUAL	SRCGP1	5
606912.2	4122820	0.06269	59.24	59.24	1.5	ANNUAL	SRCGP1	5
606932.2	4122820	0.06097	59.17	59.17	1.5	ANNUAL	SRCGP1	5
606952.2	4122820	0.0593	59.58	59.58	1.5	ANNUAL	SRCGP1	5
606972.2	4122820	0.05774	59.5	59.5	1.5	ANNUAL	SRCGP1	5
606992.2	4122820	0.05624	59.61	59.61	1.5	ANNUAL	SRCGP1	5
607012.2	4122820	0.0548	59.73	59.73	1.5	ANNUAL	SRCGP1	5
607032.2	4122820	0.05343	59.84	59.84	1.5	ANNUAL	SRCGP1	5
607052.2	4122820	0.05211	59.95	59.95	1.5	ANNUAL	SRCGP1	5
605632.2	4122840	0.36232	56.04	56.04	1.5	ANNUAL	SRCGP1	5
605652.2	4122840	0.36091	56.02	56.02	1.5	ANNUAL	SRCGP1	5
605672.2	4122840	0.35906	55.61	55.61	1.5	ANNUAL	SRCGP1	5
605692.2	4122840	0.35678	55.54	55.54	1.5	ANNUAL	SRCGP1	5
605712.2	4122840	0.35416	56.03	56.03	1.5	ANNUAL	SRCGP1	5
605792.2	4122840	0.33998	55.98	55.98	1.5	ANNUAL	SRCGP1	5
605812.2	4122840	0.33558	56.36	56.36	1.5	ANNUAL	SRCGP1	5
605832.2	4122840	0.33103	56.44	56.44	1.5	ANNUAL	SRCGP1	5
605852.2	4122840	0.32623	56.61	56.61	1.5	ANNUAL	SRCGP1	5
605872.2	4122840	0.3213	56.67	56.67	1.5	ANNUAL	SRCGP1	5
605892.2	4122840	0.31627	56.62	56.62	1.5	ANNUAL	SRCGP1	5
605912.2	4122840	0.31105	56.64	56.64	1.5	ANNUAL	SRCGP1	5
606092.2	4122840	0.25735	57.96	57.96	1.5	ANNUAL	SRCGP1	5
606112.2	4122840	0.25101	57.62	57.62	1.5	ANNUAL	SRCGP1	5
606192.2	4122840	0.22413	57.89	57.89	1.5	ANNUAL	SRCGP1	5
606212.2	4122840	0.2172	58.17	58.17	1.5	ANNUAL	SRCGP1	5
606252.2	4122840	0.20348	58.37	58.37	1.5	ANNUAL	SRCGP1	5
606272.2	4122840	0.19666	58.44	58.44	1.5	ANNUAL	SRCGP1	5
606292.2	4122840	0.18992	58.42	58.42	1.5	ANNUAL	SRCGP1	5
606312.2	4122840	0.18323	58.42	58.42	1.5	ANNUAL	SRCGP1	5
606332.2	4122840	0.17666	58.29	58.29	1.5	ANNUAL	SRCGP1	5
606352.2	4122840	0.17014	58.35	58.35	1.5	ANNUAL	SRCGP1	5
606372.2	4122840	0.16381	58.21	58.21	1.5	ANNUAL	SRCGP1	5
606392.2	4122840	0.15756	58.27	58.27	1.5	ANNUAL	SRCGP1	5
606412.2	4122840	0.15145	58.38	58.38	1.5	ANNUAL	SRCGP1	5
606432.2	4122840	0.14552	58.49	58.49	1.5	ANNUAL	SRCGP1	5
606452.2	4122840	0.1398	58.48	58.48	1.5	ANNUAL	SRCGP1	5
606672.2	4122840	0.09046	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606692.2	4122840	0.08724	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606712.2	4122840	0.0842	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606732.2	4122840	0.08133	60.04	60.04	1.5	ANNUAL	SRCGP1	5
606752.2	4122840	0.07868	59.62	59.62	1.5	ANNUAL	SRCGP1	5
606852.2	4122840	0.06718	59.73	59.73	1.5	ANNUAL	SRCGP1	5
606872.2	4122840	0.06527	59.38	59.38	1.5	ANNUAL	SRCGP1	5
606892.2	4122840	0.06343	59.24	59.24	1.5	ANNUAL	SRCGP1	5
606912.2	4122840	0.06169	59.1	59.1	1.5	ANNUAL	SRCGP1	5

606932.2	4122840	0.06002	59.07	59.07	1.5	ANNUAL	SRCGP1	5
606952.2	4122840	0.05836	59.74	59.74	1.5	ANNUAL	SRCGP1	5
606972.2	4122840	0.05685	59.69	59.69	1.5	ANNUAL	SRCGP1	5
606992.2	4122840	0.05539	59.74	59.74	1.5	ANNUAL	SRCGP1	5
607012.2	4122840	0.05399	59.86	59.86	1.5	ANNUAL	SRCGP1	5
607032.2	4122840	0.05266	59.97	59.97	1.5	ANNUAL	SRCGP1	5
607052.2	4122840	0.05138	60	60	1.5	ANNUAL	SRCGP1	5
606158.5	4121900	11.06051	57.39	313.5	1.5	ANNUAL	SRCGP1	5
606169	4121883	9.17826	57.41	313.5	1.5	ANNUAL	SRCGP1	5
606132.1	4121801	0.90109	57.52	313.5	1.5	ANNUAL	SRCGP1	5
606385	4122113	1.70925	61.43	61.43	1.5	ANNUAL	SRCGP1	5
606405	4122113	1.45927	61.72	61.72	1.5	ANNUAL	SRCGP1	5
606425	4122113	1.25449	61.52	61.52	1.5	ANNUAL	SRCGP1	5
606445	4122113	1.12292	60.48	60.48	1.5	ANNUAL	SRCGP1	5
606465	4122113	0.98273	59.09	59.09	1.5	ANNUAL	SRCGP1	5
606385	4122133	1.4483	61.8	61.8	1.5	ANNUAL	SRCGP1	5
606405	4122133	1.26813	61.32	61.32	1.5	ANNUAL	SRCGP1	5
606425	4122133	1.10731	60.86	60.86	1.5	ANNUAL	SRCGP1	5
606445	4122133	0.99258	60.28	60.28	1.5	ANNUAL	SRCGP1	5
606465	4122133	0.8744	59.15	59.15	1.5	ANNUAL	SRCGP1	5
606385	4122153	1.27901	60.69	61.52	1.5	ANNUAL	SRCGP1	5
606405	4122153	1.15233	60.54	60.54	1.5	ANNUAL	SRCGP1	5
606425	4122153	1.01086	60.21	60.21	1.5	ANNUAL	SRCGP1	5
606445	4122153	0.88849	59.8	59.8	1.5	ANNUAL	SRCGP1	5
606465	4122153	0.78495	59.25	59.25	1.5	ANNUAL	SRCGP1	5
606385	4122173	1.18016	57.94	61.91	1.5	ANNUAL	SRCGP1	5
606405	4122173	1.0359	58.59	60.32	1.5	ANNUAL	SRCGP1	5
606425	4122173	0.91311	58.64	58.64	1.5	ANNUAL	SRCGP1	5
606445	4122173	0.81052	57.99	59.8	1.5	ANNUAL	SRCGP1	5
606465	4122173	0.71751	58.06	59.47	1.5	ANNUAL	SRCGP1	5
606385	4122193	1.05006	57.29	57.29	1.5	ANNUAL	SRCGP1	5
606405	4122193	0.93318	57.3	57.3	1.5	ANNUAL	SRCGP1	5
606425	4122193	0.82851	57.36	57.36	1.5	ANNUAL	SRCGP1	5
606445	4122193	0.73873	57.02	57.02	1.5	ANNUAL	SRCGP1	5
606465	4122193	0.65631	57.48	58.37	1.5	ANNUAL	SRCGP1	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP2
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.02666	56.12	313.5	1.5	ANNUAL	SRCGP2	5	
605652.2	4121420	0.02688	56.27	313.5	1.5	ANNUAL	SRCGP2	5	
605672.2	4121420	0.02708	55.57	313.5	1.5	ANNUAL	SRCGP2	5	
605692.2	4121420	0.02724	55.91	313.5	1.5	ANNUAL	SRCGP2	5	
605712.2	4121420	0.02736	56.29	313.5	1.5	ANNUAL	SRCGP2	5	
605732.2	4121420	0.02747	56.54	313.5	1.5	ANNUAL	SRCGP2	5	
605752.2	4121420	0.02761	56.56	313.5	1.5	ANNUAL	SRCGP2	5	
605772.2	4121420	0.0278	56.68	313.5	1.5	ANNUAL	SRCGP2	5	
605792.2	4121420	0.02809	56.74	313.5	1.5	ANNUAL	SRCGP2	5	
605812.2	4121420	0.0285	56.85	313.5	1.5	ANNUAL	SRCGP2	5	
605832.2	4121420	0.02911	56.94	313.5	1.5	ANNUAL	SRCGP2	5	
605852.2	4121420	0.02994	56.97	313.5	1.5	ANNUAL	SRCGP2	5	
605872.2	4121420	0.03103	56.99	313.5	1.5	ANNUAL	SRCGP2	5	
605892.2	4121420	0.03235	57.31	313.5	1.5	ANNUAL	SRCGP2	5	
605912.2	4121420	0.03397	57.25	313.5	1.5	ANNUAL	SRCGP2	5	
605932.2	4121420	0.03578	57.32	313.5	1.5	ANNUAL	SRCGP2	5	
605952.2	4121420	0.03776	57.39	313.5	1.5	ANNUAL	SRCGP2	5	
605972.2	4121420	0.03988	57.4	313.5	1.5	ANNUAL	SRCGP2	5	
605992.2	4121420	0.04205	57.54	313.5	1.5	ANNUAL	SRCGP2	5	
606012.2	4121420	0.04428	57.65	313.5	1.5	ANNUAL	SRCGP2	5	
606032.2	4121420	0.04659	57.64	313.5	1.5	ANNUAL	SRCGP2	5	
606052.2	4121420	0.04901	57.67	313.5	1.5	ANNUAL	SRCGP2	5	
606072.2	4121420	0.05164	57.7	313.5	1.5	ANNUAL	SRCGP2	5	
606092.2	4121420	0.05463	57.58	313.5	1.5	ANNUAL	SRCGP2	5	
606112.2	4121420	0.05813	57.29	313.5	1.5	ANNUAL	SRCGP2	5	
606132.2	4121420	0.06193	57.65	313.5	1.5	ANNUAL	SRCGP2	5	
606152.2	4121420	0.0663	57.77	313.5	1.5	ANNUAL	SRCGP2	5	
606172.2	4121420	0.0711	57.87	313.5	1.5	ANNUAL	SRCGP2	5	
606192.2	4121420	0.07622	57.9	313.5	1.5	ANNUAL	SRCGP2	5	
606212.2	4121420	0.08153	57.87	313.5	1.5	ANNUAL	SRCGP2	5	
606232.2	4121420	0.0869	57.92	313.5	1.5	ANNUAL	SRCGP2	5	
606252.2	4121420	0.09243	57.96	313.5	1.5	ANNUAL	SRCGP2	5	
606272.2	4121420	0.09833	58.02	313.5	1.5	ANNUAL	SRCGP2	5	
606292.2	4121420	0.10492	58.1	313.5	1.5	ANNUAL	SRCGP2	5	
606312.2	4121420	0.11252	58.18	313.5	1.5	ANNUAL	SRCGP2	5	
606332.2	4121420	0.12147	58.12	313.5	1.5	ANNUAL	SRCGP2	5	
606352.2	4121420	0.13158	58.13	313.5	1.5	ANNUAL	SRCGP2	5	
606372.2	4121420	0.14267	58.21	313.5	1.5	ANNUAL	SRCGP2	5	
606392.2	4121420	0.15461	58.18	313.5	1.5	ANNUAL	SRCGP2	5	

606412.2	4121420	0.16684	58.25	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121420	0.17898	58.51	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121420	0.19189	58.21	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121420	0.20488	57.94	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121420	0.21744	58.01	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121420	0.22951	58.38	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121420	0.24177	58.56	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121420	0.25459	58.28	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121420	0.26673	58.14	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121420	0.27708	58.6	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121420	0.28768	58.68	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121420	0.29799	58.71	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121420	0.30807	58.72	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121420	0.31783	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121420	0.32759	58.86	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121420	0.33723	58.92	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121420	0.34678	58.96	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121420	0.35596	59.07	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121420	0.36488	59.16	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121420	0.37338	59.26	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121420	0.38114	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121420	0.38861	59.46	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121420	0.39496	59.58	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121420	0.40069	59.53	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121420	0.40488	59.61	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121420	0.40767	59.72	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121420	0.40946	59.66	313.5	1.5	ANNUAL	SRCGP2	5
606952.2	4121420	0.41081	59.18	313.5	1.5	ANNUAL	SRCGP2	5
606972.2	4121420	0.40845	59.62	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121420	0.40517	59.87	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121420	0.40109	59.87	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121420	0.39676	59.37	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121420	0.38987	59.49	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121440	0.0281	56.05	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121440	0.02841	56.13	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121440	0.02869	55.38	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121440	0.02893	56.09	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121440	0.02911	56.42	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121440	0.02929	56.49	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121440	0.02948	56.49	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121440	0.02968	56.63	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121440	0.02995	56.78	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121440	0.03034	56.87	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121440	0.03091	56.94	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121440	0.0317	56.97	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121440	0.03275	57.02	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121440	0.03407	57.15	313.5	1.5	ANNUAL	SRCGP2	5

605912.2	4121440	0.03568	57.22	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121440	0.03754	57.31	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121440	0.03962	57.34	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121440	0.04185	57.37	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121440	0.04417	57.49	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121440	0.04657	57.6	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121440	0.04907	57.63	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121440	0.0517	57.68	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121440	0.05455	57.76	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121440	0.05787	57.5	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121440	0.06169	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121440	0.06588	57.57	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121440	0.07068	57.76	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121440	0.07605	57.79	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121440	0.0818	57.82	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121440	0.08777	57.9	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121440	0.09398	57.84	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121440	0.10033	57.95	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121440	0.10712	58.09	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121440	0.11486	58.08	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121440	0.12373	58.11	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121440	0.13384	58.26	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4121440	0.14533	58.36	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121440	0.15792	58.47	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121440	0.17139	58.51	313.5	1.5	ANNUAL	SRCGP2	5
606412.2	4121440	0.18536	58.5	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121440	0.19958	58.44	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121440	0.21457	57.94	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121440	0.22859	58.07	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121440	0.24256	58.23	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121440	0.25726	58	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121440	0.27156	57.91	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121440	0.28524	57.95	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121440	0.29777	58.26	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121440	0.31008	58.41	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121440	0.32196	58.52	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121440	0.33343	58.64	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121440	0.34464	58.76	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121440	0.35579	58.83	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121440	0.36665	58.94	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121440	0.37747	58.98	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121440	0.38804	59	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121440	0.39806	59.07	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121440	0.40768	59.09	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121440	0.41662	59.11	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121440	0.42464	59.15	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121440	0.43149	59.23	313.5	1.5	ANNUAL	SRCGP2	5

606852.2	4121440	0.43717	59.28	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121440	0.44136	59.35	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121440	0.44407	59.39	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121440	0.44503	59.46	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121440	0.44422	59.56	313.5	1.5	ANNUAL	SRCGP2	5
606952.2	4121440	0.44315	59.12	313.5	1.5	ANNUAL	SRCGP2	5
606972.2	4121440	0.43772	59.72	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121440	0.43205	59.82	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121440	0.42513	59.83	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121440	0.4174	59.6	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121440	0.40861	59.27	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121460	0.02958	56.11	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121460	0.02998	55.9	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121460	0.03036	55.4	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121460	0.0307	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121460	0.03097	56.46	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121460	0.03125	56.39	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121460	0.03153	55.88	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121460	0.0318	55.96	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121460	0.03211	56.13	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121460	0.03251	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121460	0.03305	56.31	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121460	0.0338	56.41	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121460	0.03481	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121460	0.03612	56.58	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121460	0.03774	56.68	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121460	0.03964	56.82	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121460	0.04181	56.86	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121460	0.04415	57.01	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121460	0.04665	57.03	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121460	0.04923	57.17	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121460	0.05192	57.29	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121460	0.05479	57.35	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121460	0.05798	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121460	0.06158	57.14	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121460	0.06566	57.2	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121460	0.07043	57.18	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121460	0.07583	57.21	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121460	0.08182	57.28	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121460	0.0883	57.35	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121460	0.09517	57.35	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121460	0.10229	57.38	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121460	0.10973	57.46	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121460	0.11776	57.55	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121460	0.12679	57.62	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121460	0.13713	57.7	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121460	0.14884	57.89	313.5	1.5	ANNUAL	SRCGP2	5

606352.2	4121460	0.1621	58	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121460	0.17652	58.15	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121460	0.192	58.16	313.5	1.5	ANNUAL	SRCGP2	5
606412.2	4121460	0.20793	58.19	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121460	0.22423	58.11	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121460	0.2409	57.85	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121460	0.25605	58.35	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121460	0.27189	58.47	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121460	0.28814	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121460	0.30441	58.19	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121460	0.32039	57.99	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121460	0.33565	57.88	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121460	0.3499	57.93	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121460	0.3634	58.06	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121460	0.37636	58.23	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121460	0.38906	58.38	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121460	0.40143	58.53	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121460	0.41361	58.63	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121460	0.42552	58.67	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121460	0.43696	58.68	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121460	0.44772	58.68	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121460	0.4576	58.68	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121460	0.46634	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121460	0.45753	59.77	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121460	0.4474	59.72	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121460	0.43604	59.63	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121460	0.42438	59.14	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121480	0.03112	56.28	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121480	0.03163	55.6	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121480	0.0321	55.65	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121480	0.03254	56.22	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121480	0.03292	56.48	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121480	0.03334	56.14	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121480	0.03369	55.72	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121480	0.03404	56.08	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121480	0.0344	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121480	0.03483	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121480	0.03539	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121480	0.03613	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121480	0.03712	56.32	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121480	0.03842	56.38	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121480	0.04005	56.43	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121480	0.04201	56.51	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121480	0.04428	56.52	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121480	0.04675	56.66	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121480	0.04943	56.66	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121480	0.05224	56.69	313.5	1.5	ANNUAL	SRCGP2	5

606032.2	4121480	0.05516	56.84	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121480	0.05825	57.06	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121480	0.06162	57.31	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121480	0.06554	57.3	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121480	0.07009	57.23	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121480	0.07527	57.37	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121480	0.08127	57.37	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121480	0.08798	57.39	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121480	0.0953	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121480	0.10319	57.35	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121480	0.11142	57.39	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121480	0.12016	57.44	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121480	0.12963	57.52	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121480	0.14033	57.55	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121480	0.15245	57.64	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121480	0.1662	57.76	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4121480	0.18157	57.87	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121480	0.19814	58.06	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121480	0.21592	58.09	313.5	1.5	ANNUAL	SRCGP2	5
606412.2	4121480	0.23467	57.89	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121480	0.25357	57.73	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121480	0.27172	57.9	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121480	0.28957	58.14	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121480	0.30723	58.4	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121480	0.32515	58.5	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121480	0.34312	58.49	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121480	0.361	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121480	0.37806	58.34	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121480	0.39434	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121480	0.41034	58.32	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121480	0.42588	58.27	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121480	0.44087	58.25	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121480	0.45518	58.27	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121480	0.46877	58.31	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121480	0.48154	58.36	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121480	0.49316	58.46	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121480	0.50352	58.59	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121480	0.51267	58.68	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121480	0.52028	58.76	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121480	0.48016	59.83	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121480	0.46714	59.41	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121480	0.45229	59.21	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121480	0.43614	59.13	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121500	0.0328	56.09	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121500	0.03337	55.49	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121500	0.03393	56.02	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121500	0.03446	56.36	313.5	1.5	ANNUAL	SRCGP2	5

605712.2	4121500	0.03498	56.42	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121500	0.03552	55.68	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121500	0.03598	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121500	0.03637	56.64	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121500	0.03682	56.7	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121500	0.03729	56.83	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121500	0.03788	56.85	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121500	0.03863	56.86	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121500	0.0396	56.96	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121500	0.04087	57.08	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121500	0.04252	57.09	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121500	0.04451	57.18	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121500	0.04687	57.13	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121500	0.04948	57.23	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121500	0.05233	57.21	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121500	0.05544	56.92	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121500	0.05863	56.99	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121500	0.06184	57.64	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121500	0.06554	57.83	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121500	0.06999	57.47	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121500	0.07509	57.27	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121500	0.08074	57.55	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121500	0.08722	57.84	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121500	0.09482	57.68	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121500	0.10303	57.78	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121500	0.11199	57.77	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121500	0.12155	57.79	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121500	0.13171	57.91	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121500	0.14288	58.01	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121500	0.15551	58.03	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121500	0.16967	58.18	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121500	0.18585	58.21	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4121500	0.20373	58.29	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121500	0.22295	58.44	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121500	0.24354	58.43	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121500	0.28748	57.81	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121500	0.3092	57.65	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121500	0.33022	57.7	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121500	0.35031	58.02	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121500	0.37057	58.22	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121500	0.39034	58.47	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121500	0.4102	58.54	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121500	0.4295	58.58	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121500	0.44821	58.59	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121500	0.46603	58.65	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121500	0.48332	58.67	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121500	0.49982	58.7	313.5	1.5	ANNUAL	SRCGP2	5

606672.2	4121500	0.51556	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121500	0.52982	58.8	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121500	0.54307	58.84	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121500	0.55473	58.91	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121500	0.56455	59.01	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121500	0.57249	59.09	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121500	0.57875	59.04	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121500	0.49908	59.84	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121500	0.48099	59.76	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121500	0.46208	59.62	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121500	0.44317	59.17	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121520	0.03461	55.62	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121520	0.03525	55.67	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121520	0.0359	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121520	0.03652	56.37	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121520	0.03719	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121520	0.03783	55.47	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121520	0.03841	56.33	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121520	0.03895	56.64	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121520	0.0395	56.78	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121520	0.04009	56.82	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121520	0.04076	56.78	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121520	0.04155	56.81	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121520	0.04257	56.81	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121520	0.04384	56.98	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121520	0.04551	56.97	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121520	0.04757	57.01	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121520	0.05	57.12	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121520	0.05276	57.2	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121520	0.0558	57.22	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121520	0.05921	56.77	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121520	0.06265	56.91	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121520	0.06616	57.54	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121520	0.07019	57.84	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121520	0.07509	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121520	0.08077	57.29	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121520	0.08732	57.16	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121520	0.09477	57.17	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121520	0.10326	57.15	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121520	0.11258	57.3	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121520	0.12298	57.26	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121520	0.13409	57.38	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121520	0.14637	57.35	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121520	0.15916	57.9	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121520	0.17418	57.98	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121520	0.19144	57.89	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121520	0.2106	57.91	313.5	1.5	ANNUAL	SRCGP2	5

606352.2	4121520	0.23176	57.92	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121520	0.25454	57.95	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121520	0.32752	58.1	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121520	0.3518	58.17	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121520	0.37651	58.06	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121520	0.4016	57.85	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121520	0.42604	57.81	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121520	0.44932	57.98	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121520	0.47155	58.24	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121520	0.49313	58.44	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121520	0.51418	58.54	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121520	0.53427	58.63	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121520	0.55298	58.78	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121520	0.57128	58.76	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121520	0.58726	58.92	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121520	0.60206	58.98	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121520	0.61511	59.01	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121520	0.62569	59.1	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121520	0.63395	59.16	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121520	0.63977	59.16	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121520	0.64264	59.15	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121520	0.63075	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121520	0.62104	59.43	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121520	0.60965	59.12	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121520	0.59406	59.23	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121520	0.57643	59.3	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121520	0.5125	59.98	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121520	0.48978	59.99	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121520	0.46673	59.92	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121520	0.44477	59.26	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121540	0.03664	55.39	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121540	0.03734	56.05	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121540	0.03805	56.25	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121540	0.03877	56.34	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121540	0.03952	56.37	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121540	0.0403	55.37	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121540	0.04101	56.42	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121540	0.04173	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121540	0.04247	56.43	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121540	0.04315	56.71	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121540	0.04396	56.62	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121540	0.0449	56.35	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121540	0.04591	56.66	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121540	0.04722	56.85	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121540	0.04894	56.84	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121540	0.05116	56.58	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121540	0.05367	56.81	313.5	1.5	ANNUAL	SRCGP2	5

605972.2	4121540	0.05658	57	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121540	0.05981	57.14	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121540	0.06354	56.64	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121540	0.06724	56.86	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121540	0.0711	57.44	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121540	0.07551	57.82	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121540	0.08099	57.45	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121540	0.08731	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121540	0.09442	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121540	0.10281	57.36	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121540	0.11235	57.36	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121540	0.12302	57.45	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121540	0.13489	57.54	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121540	0.14818	57.46	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121540	0.16258	57.58	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121540	0.17834	57.88	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121540	0.1965	57.92	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121540	0.21673	58.05	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121540	0.23962	58.01	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4121540	0.26453	58.04	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121540	0.43294	58.32	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121540	0.46139	58.3	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121540	0.48989	58.26	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121540	0.51809	58.2	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121540	0.546	58.04	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121540	0.57209	58.01	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121540	0.59603	58.12	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121540	0.61836	58.24	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121540	0.63878	58.39	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121540	0.65757	58.48	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121540	0.67389	58.61	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121540	0.68799	58.69	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121540	0.6994	58.75	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121540	0.70749	58.85	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121540	0.71252	58.89	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121540	0.71402	58.91	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121540	0.71131	59.01	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121540	0.68033	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121540	0.66465	59.28	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121540	0.64574	59.2	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121540	0.62378	59.28	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121540	0.51961	60.12	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121540	0.4928	60.04	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121540	0.46618	59.88	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121540	0.44073	59.32	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121560	0.03896	55.31	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121560	0.03971	55.47	313.5	1.5	ANNUAL	SRCGP2	5

605672.2	4121560	0.04049	55.85	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121560	0.0413	55.96	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121560	0.04214	56.05	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121560	0.04301	55.3	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121560	0.04388	56.21	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121560	0.04475	56.27	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121560	0.04566	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121560	0.04651	56.51	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121560	0.04746	56.46	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121560	0.04856	56.05	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121560	0.04966	56.53	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121560	0.05105	56.71	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121560	0.05287	56.66	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121560	0.05528	56.08	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121560	0.05788	56.53	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121560	0.06092	56.94	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121560	0.06442	57.09	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121560	0.06851	56.53	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121560	0.07254	56.8	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121560	0.07681	57.31	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121560	0.08159	57.84	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121560	0.08777	57.36	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121560	0.09485	57.19	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121560	0.10277	57.47	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121560	0.1122	57.45	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121560	0.12292	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121560	0.13536	57.44	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121560	0.14916	57.55	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121560	0.16474	57.56	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121560	0.18243	57.43	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121560	0.20188	57.55	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121560	0.22372	57.71	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121560	0.24812	57.88	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121560	0.27594	57.72	313.5	1.5	ANNUAL	SRCGP2	5
606412.2	4121560	0.40407	57.97	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121560	0.53739	58.25	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121560	0.56903	58.57	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121560	0.60164	58.57	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121560	0.63309	58.54	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121560	0.66282	58.5	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121560	0.69061	58.44	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121560	0.71606	58.38	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121560	0.73852	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121560	0.75791	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121560	0.77371	58.41	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121560	0.78587	58.45	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121560	0.79408	58.49	313.5	1.5	ANNUAL	SRCGP2	5

606732.2	4121560	0.7978	58.57	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121560	0.79719	58.63	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121560	0.79207	58.68	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121560	0.70243	59.31	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121560	0.67542	59.35	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121560	0.64623	59.45	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121560	0.51994	60.12	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121560	0.49037	59.57	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121560	0.46042	59.38	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121560	0.4311	59.31	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121580	0.04165	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121580	0.04245	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121580	0.04328	55.58	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121580	0.04416	55.57	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121580	0.04508	55.5	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121580	0.04604	55.45	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121580	0.04704	55.54	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121580	0.04807	55.62	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121580	0.04913	55.68	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121580	0.05022	55.8	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121580	0.05135	55.9	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121580	0.05256	55.91	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121580	0.05391	55.89	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121580	0.0555	55.82	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121580	0.05744	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121580	0.05983	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121580	0.06275	56.04	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121580	0.0662	56.16	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121580	0.07006	56.29	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121580	0.07433	56.29	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121580	0.07867	56.77	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121580	0.08337	57.28	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121580	0.08874	57.7	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121580	0.09566	57.23	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121580	0.1036	57.13	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121580	0.11262	57.37	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121580	0.12324	57.44	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121580	0.13556	57.47	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121580	0.15016	57.23	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121580	0.16613	57.51	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121580	0.18468	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121580	0.20601	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121580	0.22967	57.57	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121580	0.25643	57.71	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121580	0.28615	57.89	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121580	0.31984	57.73	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121580	0.43297	57.88	313.5	1.5	ANNUAL	SRCGP2	5

606512.2	4121580	0.67139	58.27	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121580	0.70772	58.53	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121580	0.74255	58.67	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121580	0.77503	58.74	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121580	0.8047	58.75	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121580	0.83082	58.75	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121580	0.85244	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121580	0.86976	58.86	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121580	0.88222	58.93	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121580	0.88925	59.06	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121580	0.89294	58.93	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121580	0.88968	59	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121580	0.88106	59.05	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121580	0.86725	59.07	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121580	0.79538	59.51	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121580	0.76453	59.57	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121580	0.73138	59.57	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121580	0.69607	59.63	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121580	0.65985	59.62	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121580	0.51264	60.13	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121580	0.47914	59.82	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121580	0.44658	59.67	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121580	0.41588	59.39	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121600	0.04478	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121600	0.04563	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121600	0.04654	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121600	0.04748	56.1	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121600	0.04846	56.19	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121600	0.04949	56.26	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121600	0.05058	56.33	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121600	0.05172	56.39	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121600	0.05292	56.43	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121600	0.05416	56.51	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121600	0.05548	56.53	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121600	0.05689	56.53	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121600	0.05845	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121600	0.06022	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121600	0.06229	56.58	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121600	0.06486	56.55	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121600	0.06798	56.57	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121600	0.07169	56.64	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121600	0.07594	56.73	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121600	0.08061	56.86	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121600	0.08563	57	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121600	0.09105	57.21	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121600	0.09704	57.62	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121600	0.10482	57.16	313.5	1.5	ANNUAL	SRCGP2	5

606112.2	4121600	0.11384	57.07	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121600	0.12413	57.31	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121600	0.13635	57.34	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121600	0.15065	57.31	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121600	0.16728	57.34	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121600	0.18685	57.26	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121600	0.20894	57.41	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121600	0.23449	57.49	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121600	0.26347	57.68	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121600	0.29662	57.77	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121600	0.33387	57.76	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4121600	0.3747	57.72	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121600	0.91549	58.54	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121600	0.94518	58.66	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121600	0.96855	58.87	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121600	0.98728	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121600	0.99986	59.03	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121600	1.00579	59.14	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121600	1.00574	59.18	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121600	0.99896	59.22	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121600	0.98507	59.32	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121600	0.96493	59.41	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121600	0.93943	59.43	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121600	0.75075	59.63	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121600	0.70744	59.59	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121600	0.66426	59.48	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121600	0.62127	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121600	0.49779	60.16	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121600	0.46141	60.07	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121600	0.42714	59.99	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121600	0.39613	59.41	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121620	0.04844	53.92	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121620	0.04938	53.91	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121620	0.05037	54.22	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121620	0.05139	54.4	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121620	0.05247	54.57	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121620	0.0536	54.82	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121620	0.0548	55.04	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121620	0.05607	55.14	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121620	0.05742	55.3	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121620	0.05885	55.41	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121620	0.06038	55.5	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121620	0.06201	55.63	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121620	0.0638	55.79	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121620	0.06581	55.97	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121620	0.06815	56.08	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121620	0.07096	56.15	313.5	1.5	ANNUAL	SRCGP2	5

605952.2	4121620	0.07433	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121620	0.07839	56.34	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121620	0.08305	56.56	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121620	0.08833	56.66	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121620	0.09405	56.77	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121620	0.10017	56.98	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121620	0.10701	57.27	313.5	1.5	ANNUAL	SRCGP2	5
606092.2	4121620	0.11563	57.06	313.5	1.5	ANNUAL	SRCGP2	5
606112.2	4121620	0.12592	56.99	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121620	0.13807	57.02	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121620	0.15227	57.04	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121620	0.169	57	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121620	0.18859	57.08	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121620	0.21188	57.1	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121620	0.23808	57.52	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121620	0.26951	57.59	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121620	0.30638	57.52	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121620	0.34795	57.57	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121620	0.39441	57.57	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121620	0.60739	58.45	313.5	1.5	ANNUAL	SRCGP2	5
606412.2	4121620	0.6649	58.63	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121620	0.72471	58.54	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121620	0.9037	58.13	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121620	0.95874	58.08	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121620	0.7578	59.61	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121620	0.70644	59.59	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121620	0.65668	59.49	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121620	0.60844	59.46	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121620	0.47714	59.81	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121620	0.43928	59.81	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121620	0.40456	59.67	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121620	0.37285	59.39	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121640	0.05273	55.44	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121640	0.05378	55.43	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121640	0.05487	55.4	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121640	0.05601	55.37	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121640	0.05719	55.36	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121640	0.05844	55.34	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121640	0.05975	55.36	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121640	0.06114	55.33	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121640	0.06263	55.23	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121640	0.06422	55.16	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121640	0.06594	55	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121640	0.06779	54.94	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121640	0.06983	54.81	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121640	0.07211	54.74	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121640	0.07473	54.71	313.5	1.5	ANNUAL	SRCGP2	5

605932.2	4121640	0.07783	54.67	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121640	0.08159	54.17	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121640	0.08613	53.9	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121640	0.0915	54.41	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121640	0.0976	54.59	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121640	0.10429	54.6	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121640	0.11157	54.56	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121640	0.11977	54.45	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121640	0.21324	57.43	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121640	0.24057	57.75	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121640	0.27229	58.28	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121640	0.31135	58.28	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121640	0.35871	57.87	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121640	0.41199	57.71	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121640	0.46922	57.94	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121640	1.09412	58.39	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121640	1.15432	58.5	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121640	1.20855	58.45	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121640	1.25172	58.52	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121640	1.28601	58.48	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121640	1.30875	58.5	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121640	1.32177	58.43	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121640	1.32238	58.48	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121640	0.63741	59.56	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121640	0.58528	59.6	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121640	0.44965	59.93	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121640	0.41173	59.99	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121640	0.37803	59.63	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121640	0.34732	59.29	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121660	0.05769	55.82	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121660	0.05888	55.88	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121660	0.06013	55.98	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121660	0.06142	56.04	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121660	0.06277	56.08	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121660	0.06417	56.16	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121660	0.06561	56.3	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121660	0.06716	56.31	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121660	0.06877	56.41	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121660	0.0705	56.49	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121660	0.07237	56.53	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121660	0.0744	56.62	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121660	0.07671	56.48	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121660	0.07925	56.48	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121660	0.08218	56.43	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121660	0.08557	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121660	0.08961	56.62	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121660	0.09454	56.69	313.5	1.5	ANNUAL	SRCGP2	5

605992.2	4121660	0.10049	56.7	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121660	0.10729	56.82	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121660	0.11486	56.93	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121660	0.12312	57	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121660	0.13229	57.11	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121660	0.17307	57.5	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121660	0.1926	57.54	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121660	0.21616	57.43	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121660	0.24437	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121660	0.2783	57.77	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121660	0.31837	58.2	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121660	0.36738	58.32	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121660	0.42575	58.3	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121660	0.49329	58.19	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121660	0.5673	58.25	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121660	0.82309	57.91	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121660	1.18834	57.82	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121660	1.34308	58.24	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121660	1.40744	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121660	1.45794	58.56	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121660	1.49553	58.67	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121660	1.51881	58.76	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121660	1.5282	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121660	1.52447	58.79	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121660	1.50633	58.82	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121660	1.47397	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121660	1.43074	59.01	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121660	1.37651	59.12	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121660	1.31437	59.16	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121660	1.24482	59.27	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121660	1.17163	59.27	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121660	1.0975	59.04	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121660	0.41838	59.98	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121660	0.38174	60	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121660	0.34956	59.61	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121660	0.32049	59.27	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121680	0.08039	56.38	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121680	0.08259	56.63	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121680	0.08517	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121680	0.08819	56.13	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121680	0.09144	56.06	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121680	0.09525	56.13	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121680	0.09974	56.27	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121680	0.10519	56.39	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121680	0.11185	56.44	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121680	0.11964	56.56	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121680	0.1285	56.65	313.5	1.5	ANNUAL	SRCGP2	5

606052.2	4121680	0.13821	56.75	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121680	0.14893	56.9	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121680	0.38059	57.61	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121680	0.44414	57.79	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121680	0.52205	57.57	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121680	0.61136	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121680	1.03129	58	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121680	1.14852	57.92	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121680	1.37229	58.24	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121680	1.7955	58.51	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121680	1.78249	58.53	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121680	1.75097	58.6	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121680	1.70282	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121680	1.64051	58.79	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121680	1.56569	58.91	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121680	1.48191	58.99	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121680	1.39053	59.15	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121680	1.29626	59.22	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121680	1.2012	59.22	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121680	1.10915	58.93	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121680	0.38501	59.99	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121680	0.3505	60.02	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121680	0.32046	59.66	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121680	0.29361	59.33	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121700	0.06976	56.02	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121700	0.07143	56.16	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121700	0.07317	56.13	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121700	0.07499	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121700	0.07689	56.18	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121700	0.07882	56.34	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121700	0.08089	56.27	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121700	0.08301	56.35	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121700	0.08526	56.31	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121700	0.0901	56.3	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121700	0.0926	56.64	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121700	0.09551	56.58	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121700	0.09894	56.1	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121700	0.10257	55.98	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121700	0.1068	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121700	0.11186	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121700	0.11795	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121700	0.12542	56.3	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121700	0.13444	56.33	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121700	0.14482	56.43	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121700	0.15649	56.47	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121700	0.16941	56.55	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121700	0.25622	57.05	313.5	1.5	ANNUAL	SRCGP2	5

606172.2	4121700	0.2919	57.03	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121700	0.33582	57.26	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121700	0.39105	57.51	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121700	0.46027	57.64	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121700	0.54486	57.79	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121700	0.64801	57.66	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121700	0.76739	57.48	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121700	1.32116	58.1	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121700	1.47025	58.07	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121700	1.74512	58.3	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121700	1.97367	58.11	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121700	2.05258	58.18	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121700	2.10728	58.17	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121700	2.13883	57.97	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121700	1.56158	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121700	1.44024	58.8	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121700	1.32055	58.83	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121700	1.20372	58.92	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121700	1.09388	58.82	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121700	0.35109	60.06	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121700	0.31933	60.15	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121700	0.29191	59.85	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121700	0.2679	59.36	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121720	0.07684	56.06	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121720	0.07884	56.11	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121720	0.08094	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121720	0.08311	56.37	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121720	0.08542	56.42	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121720	0.08784	56.44	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121720	0.09035	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121720	0.09297	56.56	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121720	0.09582	56.32	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121720	0.1018	56.21	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121720	0.10483	56.58	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121720	0.10827	56.54	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121720	0.11224	56.11	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121720	0.11633	56.25	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121720	0.12079	56.64	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121720	0.12633	56.7	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121720	0.13302	56.8	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121720	0.14129	56.89	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121720	0.15154	56.89	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121720	0.16369	56.93	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121720	0.17738	57.1	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121720	0.19292	57.13	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121720	0.26436	56.84	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121720	0.30048	56.98	313.5	1.5	ANNUAL	SRCGP2	5

606172.2	4121720	0.34597	56.97	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121720	0.40333	57.19	313.5	1.5	ANNUAL	SRCGP2	5
606212.2	4121720	0.47687	57.44	313.5	1.5	ANNUAL	SRCGP2	5
606232.2	4121720	0.57025	57.64	313.5	1.5	ANNUAL	SRCGP2	5
606252.2	4121720	0.68696	57.74	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4121720	0.82738	57.76	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121720	0.99211	57.52	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121720	1.7343	58.17	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121720	1.92613	57.99	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121720	2.24182	58.42	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121720	2.47602	58.2	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121720	2.53586	58.35	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121720	2.55824	58.5	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121720	2.55913	58.11	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121720	2.5082	58.3	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121720	2.42354	58.63	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121720	2.32284	58.56	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121720	2.20562	58.23	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121720	2.06391	58.28	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121720	1.91059	58.44	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121720	1.75484	58.51	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121720	1.60174	58.43	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121720	1.45079	58.53	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121720	1.30729	58.65	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121720	1.17383	58.72	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121720	1.05172	58.69	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121720	0.31835	60.13	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121720	0.29019	60.03	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121720	0.26583	59.65	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121720	0.24405	59.45	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121740	0.08449	55.82	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121740	0.08692	55.8	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121740	0.08948	56.02	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121740	0.09215	56.29	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121740	0.09498	56.37	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121740	0.09805	56.18	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121740	0.1012	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121740	0.10444	56.48	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121740	0.10801	56.28	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121740	0.11558	56.19	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121740	0.11944	56.57	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121740	0.12379	56.47	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121740	0.12861	56.07	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121740	0.13362	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121740	0.13883	56.62	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121740	0.14516	56.72	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121740	0.15258	56.96	313.5	1.5	ANNUAL	SRCGP2	5

605992.2	4121740	0.162	56.96	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121740	0.17379	56.9	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121740	0.18798	56.98	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121740	0.20481	56.99	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121740	0.22381	57.09	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121740	2.56581	57.93	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121740	2.90055	58.53	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121740	3.10643	58.31	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121740	3.12306	58.55	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121740	3.09617	58.58	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121740	3.03667	58.15	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121740	2.91125	58.38	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121740	2.74653	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121740	2.56895	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121740	2.38451	58.35	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121740	2.17732	58.52	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121740	1.96791	58.87	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121740	1.76672	59.18	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121740	1.58714	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121740	1.41186	58.88	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121740	1.25005	59.26	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121740	1.10658	59.4	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121740	0.98364	58.84	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121740	0.86895	59.09	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121740	0.76766	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121740	0.68053	59.51	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121740	0.60402	59.7	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121740	0.53831	59.67	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121740	0.48077	59.76	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121740	0.43089	59.82	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121740	0.3876	59.86	313.5	1.5	ANNUAL	SRCGP2	5
606952.2	4121740	0.34997	59.88	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121740	0.28899	59.68	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121740	0.26395	59.66	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121740	0.24185	59.72	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121740	0.22255	59.67	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121760	0.09262	55.76	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121760	0.09864	55.75	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121760	0.10191	56.21	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121760	0.10541	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121760	0.11312	56.08	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121760	0.11716	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121760	0.12171	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121760	0.13141	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121760	0.13645	56.59	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121760	0.14221	56.33	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121760	0.14832	55.9	313.5	1.5	ANNUAL	SRCGP2	5

605912.2	4121760	0.15476	55.93	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121760	0.16173	56.21	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121760	0.16952	56.29	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121760	0.1781	56.74	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121760	0.18898	56.81	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121760	0.20266	56.76	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121760	0.21955	56.78	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121760	0.24013	56.78	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121760	0.26414	56.83	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121760	3.20619	57.94	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121760	3.77465	58.53	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121760	3.8957	58.37	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121760	3.83079	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121760	3.71705	58.59	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121760	3.554	58.16	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121760	3.31477	58.4	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121760	3.03874	58.87	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121760	2.76291	58.9	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121760	2.4964	58.46	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121760	2.22395	58.61	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121760	1.96492	58.96	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121760	1.72874	59.24	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121760	1.52421	58.84	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121760	1.3347	59	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121760	1.16542	59.4	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121760	1.02052	59.45	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121760	0.89875	58.89	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121760	0.78742	59.24	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121760	0.6918	59.57	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121760	0.61135	59.54	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121760	0.54187	59.59	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121760	0.48245	59.56	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121760	0.43125	59.55	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121760	0.38736	59.45	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121760	0.34925	59.43	313.5	1.5	ANNUAL	SRCGP2	5
606952.2	4121760	0.31615	59.45	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121760	0.26179	59.84	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121760	0.2395	60.17	313.5	1.5	ANNUAL	SRCGP2	5
607032.2	4121760	0.22035	60.22	313.5	1.5	ANNUAL	SRCGP2	5
607052.2	4121760	0.2037	60.08	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121780	0.10111	55.73	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121780	0.10832	55.83	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121780	0.11227	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121780	0.11652	56.22	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121780	0.12598	56.07	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121780	0.13108	56.42	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121780	0.13678	56.17	313.5	1.5	ANNUAL	SRCGP2	5

605832.2	4121780	0.14913	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121780	0.15583	56.44	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121780	0.1633	56.27	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121780	0.17132	55.8	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121780	0.17986	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121780	0.18913	56.1	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121780	0.19937	56.16	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121780	0.22323	56.96	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121780	0.28584	56.75	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121780	0.31613	56.91	313.5	1.5	ANNUAL	SRCGP2	5
606132.2	4121780	0.45646	57.48	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121780	0.53847	57.4	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121780	0.65313	57.29	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121780	0.81568	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121780	2.79789	58.1	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121780	3.29608	58.02	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121780	4.44213	58.13	313.5	1.5	ANNUAL	SRCGP2	5
606392.2	4121780	4.69296	58.08	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121780	4.93051	58.64	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121780	4.88107	58.48	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121780	4.67733	58.72	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121780	4.39791	58.64	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121780	4.06098	58.28	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121780	3.65842	58.51	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121780	3.24532	58.93	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121780	2.86391	58.88	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121780	2.51568	58.52	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121780	2.18681	58.69	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121780	1.89149	59.02	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121780	1.63374	59.28	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121780	1.41844	58.84	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121780	1.22495	59.07	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121780	1.05863	59.4	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121780	0.91875	59.52	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121780	0.80443	58.94	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121780	0.70371	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121780	0.61805	59.01	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121780	0.54542	59.06	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121780	0.48363	59.13	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121780	0.43076	59.27	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121780	0.38565	59.4	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121780	0.34679	59.61	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121780	0.3134	59.81	313.5	1.5	ANNUAL	SRCGP2	5
606952.2	4121780	0.28459	60	313.5	1.5	ANNUAL	SRCGP2	5
606992.2	4121780	0.23824	60.11	313.5	1.5	ANNUAL	SRCGP2	5
607012.2	4121780	0.21941	60.11	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121800	0.1099	55.57	313.5	1.5	ANNUAL	SRCGP2	5

605672.2	4121800	0.11845	55.68	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121800	0.1232	56.06	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121800	0.1283	55.93	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121800	0.13973	56.02	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121800	0.14609	56.25	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121800	0.15307	56.05	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121800	0.16866	56.14	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121800	0.1772	56.47	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121800	0.18687	56.29	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121800	0.19739	55.74	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121800	0.20871	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121800	0.22061	56.58	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121800	0.23407	56.73	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121800	0.26638	57.08	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121800	0.34602	56.84	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121800	0.38495	57.22	313.5	1.5	ANNUAL	SRCGP2	5
606152.2	4121800	0.69454	57.69	313.5	1.5	ANNUAL	SRCGP2	5
606172.2	4121800	0.86768	57.51	313.5	1.5	ANNUAL	SRCGP2	5
606192.2	4121800	1.13459	57.58	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4121800	4.45868	58.16	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4121800	5.06513	58.27	313.5	1.5	ANNUAL	SRCGP2	5
606372.2	4121800	6.27237	58.12	313.5	1.5	ANNUAL	SRCGP2	5
606432.2	4121800	6.53412	58.67	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121800	6.13544	58.48	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121800	5.64566	58.7	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121800	5.06461	58.72	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121800	4.45148	58.73	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121800	3.85686	58.84	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121800	3.31293	59	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121800	2.83752	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121800	2.42123	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121800	2.06098	59.03	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121800	1.75236	59.2	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121800	1.49204	59.33	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121800	1.27455	59.34	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121800	1.09175	59.41	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121800	0.93862	59.54	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121800	0.81163	59.57	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121800	0.70914	59	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121800	0.61821	59.39	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121800	0.54342	59.5	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121800	0.48047	59.63	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121800	0.42749	59.71	313.5	1.5	ANNUAL	SRCGP2	5
606872.2	4121800	0.38238	59.85	313.5	1.5	ANNUAL	SRCGP2	5
606892.2	4121800	0.34399	59.97	313.5	1.5	ANNUAL	SRCGP2	5
606912.2	4121800	0.31108	60.1	313.5	1.5	ANNUAL	SRCGP2	5
606932.2	4121800	0.28313	60.03	313.5	1.5	ANNUAL	SRCGP2	5

605632.2	4121860	0.13781	55.39	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121860	0.14435	54.86	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121860	0.15142	55.28	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121860	0.15908	55.7	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121860	0.16742	55.67	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121860	0.17654	55.24	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121860	0.18654	55.53	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121860	0.19755	55.85	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121860	0.20974	56.02	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121860	0.2233	55.58	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121860	0.23841	55.82	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121860	0.25532	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121860	0.27425	56.21	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121860	0.29582	55.73	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121860	0.32017	56.03	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121860	0.34754	56.36	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121860	0.37902	56.55	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121860	0.41563	56.72	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121860	0.45904	56.84	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121860	0.5112	57.02	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121860	0.57611	57.18	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121860	0.66014	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121860	0.77444	57.16	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121860	1.71005	58.8	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121860	1.39435	59.3	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121860	1.15277	59.65	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121860	0.96854	59.6	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121860	0.82287	59.59	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121860	0.70614	59.68	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121860	0.61321	59.59	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121860	0.53724	59.56	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121860	0.47607	59.2	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121860	0.42303	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121860	0.37899	59.57	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121860	0.34186	59.67	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121860	0.31018	59.79	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121880	0.14759	55.56	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121880	0.15509	54.97	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121880	0.16322	55.5	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121880	0.17207	55.91	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121880	0.18176	55.81	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121880	0.1924	55.32	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121880	0.20411	55.72	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121880	0.21707	56.18	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121880	0.23156	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121880	0.24777	55.63	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121880	0.26599	55.9	313.5	1.5	ANNUAL	SRCGP2	5

605852.2	4121880	0.28627	56.41	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121880	0.30957	56.49	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121880	0.337	55.84	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121880	0.36797	56.09	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121880	0.40374	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121880	0.44494	56.53	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121880	0.4941	56.7	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121880	0.55305	56.92	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121880	0.62587	57.09	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121880	0.71821	57.3	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121880	0.8412	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121880	1.01275	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121880	13.56704	58.72	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121880	9.12574	58.93	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121880	6.55585	58.94	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121880	4.85796	58.94	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121880	3.67157	58.99	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121880	2.82412	58.98	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121880	2.21861	58.58	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121880	1.76382	58.55	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121880	1.42003	58.89	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121880	1.1599	59.44	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121880	0.96426	59.84	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121880	0.81831	59.63	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121880	0.7015	59.68	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121880	0.60814	59.76	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121880	0.53317	59.73	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121880	0.47174	59.69	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121880	0.42189	59.33	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121880	0.37814	59.59	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121880	0.34146	59.76	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121880	0.31021	59.92	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121880	0.28343	60.04	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121900	0.15758	55.74	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121900	0.16611	54.98	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121900	0.17541	55.45	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121900	0.18558	55.88	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121900	0.19676	55.94	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121900	0.20911	55.35	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121900	0.22278	55.74	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121900	0.23789	56.28	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121900	0.25503	56.2	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121900	0.27435	55.66	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121900	0.2962	56.01	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121900	0.32062	56.52	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121900	0.34917	56.6	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121900	0.38348	55.87	313.5	1.5	ANNUAL	SRCGP2	5

605912.2	4121900	0.42269	55.86	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121900	0.46909	55.96	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121900	0.52465	56.1	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121900	0.59129	56.34	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121900	0.67412	56.46	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121900	0.7792	56.6	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121900	0.91762	56.73	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121900	1.10544	57.12	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121900	1.37853	57.56	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121900	12.83586	58.71	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121900	8.29586	58.9	313.5	1.5	ANNUAL	SRCGP2	5
606492.2	4121900	5.73	58.94	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121900	4.10239	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121900	3.0247	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606552.2	4121900	2.29189	58.98	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121900	1.79172	58.66	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121900	1.42945	58.66	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121900	1.16168	58.96	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121900	0.96025	59.49	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121900	0.80909	59.84	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121900	0.69604	59.56	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121900	0.60305	59.8	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121900	0.52912	59.84	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121900	0.46894	59.8	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121900	0.41913	59.72	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121900	0.37749	59.58	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121900	0.34166	59.64	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121900	0.31105	59.69	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121900	0.28469	59.73	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121900	0.26177	59.79	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121920	0.16779	55.77	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121920	0.17744	55.08	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121920	0.18801	55.52	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121920	0.19964	55.96	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121920	0.2125	56.03	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121920	0.22679	55.4	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121920	0.24269	55.84	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121920	0.26043	56.25	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121920	0.28066	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121920	0.30358	55.71	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121920	0.32978	56.11	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121920	0.35918	56.61	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121920	0.39445	56.54	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121920	0.43689	55.89	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121920	0.48608	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121920	0.54438	56.6	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121920	0.61635	56.78	313.5	1.5	ANNUAL	SRCGP2	5

605972.2	4121920	0.70608	56.94	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121920	0.82096	57.03	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121920	0.97123	57.22	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121920	1.1781	57.35	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121920	1.47801	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121920	1.95242	57.65	313.5	1.5	ANNUAL	SRCGP2	5
606452.2	4121920	11.4203	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606472.2	4121920	7.01092	58.89	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121920	2.3478	58.98	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121920	1.41413	59.02	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121920	1.15003	58.95	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121920	0.95432	59.06	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121920	0.803	59.57	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121920	0.68745	59.92	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121920	0.59923	59.72	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121920	0.52457	60.21	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121920	0.46496	60.37	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121920	0.41613	60.34	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121920	0.375	60.33	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121920	0.34026	60.24	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121920	0.31028	60.23	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121920	0.28431	60.26	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121920	0.26166	60.32	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121920	0.24208	60.2	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121940	0.17829	55.83	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121940	0.18914	55.73	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121940	0.20111	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121940	0.21437	56.07	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121940	0.2291	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121940	0.24561	56.07	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121940	0.26413	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121940	0.28486	56.32	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121940	0.30882	56.19	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121940	0.33618	55.69	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121940	0.36753	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121940	0.40347	56.6	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121940	0.44657	56.63	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121940	0.49963	55.91	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121940	0.56122	56.41	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121940	0.63625	56.79	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121940	0.73068	57.02	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121940	0.85232	57.1	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121940	1.01262	57.15	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121940	1.22914	57.41	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121940	1.54217	57.53	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121940	2.02976	57.57	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121940	2.89388	57.6	313.5	1.5	ANNUAL	SRCGP2	5

606532.2	4121940	1.76401	59.13	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121940	1.12724	59.3	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121940	0.94203	59.07	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121940	0.79853	59.18	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121940	0.68425	59.68	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121940	0.5953	59.92	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121940	0.52539	59.72	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121940	0.46481	60.26	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121940	0.41548	60.53	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121940	0.37508	60.42	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121940	0.34032	60.44	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121940	0.31032	60.53	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121940	0.28444	60.59	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121940	0.26167	60.79	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121940	0.24197	60.82	313.5	1.5	ANNUAL	SRCGP2	5
606852.2	4121940	0.22508	60.44	313.5	1.5	ANNUAL	SRCGP2	5
605632.2	4121960	0.18924	55.85	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121960	0.20142	55.89	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121960	0.21495	56.01	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121960	0.23003	56.04	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121960	0.24693	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121960	0.26588	56.23	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121960	0.2874	56.25	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121960	0.31178	56.37	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121960	0.34029	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121960	0.37293	55.81	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121960	0.41034	56.44	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121960	0.45445	56.7	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121960	0.50806	56.59	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121960	0.57424	55.98	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121960	0.65237	56.44	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121960	0.75046	56.62	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121960	0.87501	56.88	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121960	1.04061	56.82	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121960	1.26294	56.93	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121960	1.57615	57.06	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121960	2.04243	57.27	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121960	2.80432	57.27	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121960	4.18594	57.32	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121960	0.92462	59.37	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121960	0.7912	59.04	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121960	0.68213	59.3	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121960	0.59378	59.78	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121960	0.52401	59.85	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121960	0.46722	59.68	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121960	0.41705	60.27	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121960	0.37586	60.5	313.5	1.5	ANNUAL	SRCGP2	5

606732.2	4121960	0.34253	59.99	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121960	0.31215	60.21	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121960	0.28611	60.29	313.5	1.5	ANNUAL	SRCGP2	5
606792.2	4121960	0.2635	60.3	313.5	1.5	ANNUAL	SRCGP2	5
606812.2	4121960	0.24274	60.95	313.5	1.5	ANNUAL	SRCGP2	5
606832.2	4121960	0.22517	61.06	313.49	1.5	ANNUAL	SRCGP2	5
606852.2	4121960	0.21017	60.64	313.49	1.5	ANNUAL	SRCGP2	5
605632.2	4121980	0.20097	55.56	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4121980	0.21464	55.59	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4121980	0.22992	55.6	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4121980	0.24707	55.62	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4121980	0.26642	55.76	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4121980	0.28839	55.91	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4121980	0.31347	56.03	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4121980	0.34231	56.13	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4121980	0.37573	56.02	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4121980	0.41476	56.01	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4121980	0.45977	56.54	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4121980	0.51386	56.74	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4121980	0.58101	56.39	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4121980	0.66301	56.1	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4121980	0.7631	56.29	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4121980	0.8906	56.33	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4121980	1.05668	56.28	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4121980	1.27727	56.31	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4121980	1.57938	56.46	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4121980	2.01339	56.53	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4121980	2.66798	56.51	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4121980	3.70567	56.55	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4121980	5.45915	56.68	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4121980	1.31474	59.33	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4121980	1.08356	59.19	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4121980	0.77869	59.39	313.5	1.5	ANNUAL	SRCGP2	5
606592.2	4121980	0.67708	59.17	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4121980	0.59269	59.39	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4121980	0.52287	59.8	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4121980	0.46666	59.8	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4121980	0.41987	59.63	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4121980	0.37786	60.23	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4121980	0.34328	60.31	313.5	1.5	ANNUAL	SRCGP2	5
606732.2	4121980	0.31438	59.92	313.5	1.5	ANNUAL	SRCGP2	5
606752.2	4121980	0.28714	60.62	313.5	1.5	ANNUAL	SRCGP2	5
606772.2	4121980	0.26435	60.75	313.49	1.5	ANNUAL	SRCGP2	5
606792.2	4121980	0.24494	60.42	313.49	1.5	ANNUAL	SRCGP2	5
606812.2	4121980	0.22653	61.02	312.87	1.5	ANNUAL	SRCGP2	5
606832.2	4121980	0.21065	61.24	61.24	1.5	ANNUAL	SRCGP2	5
606852.2	4121980	0.19711	60.87	60.87	1.5	ANNUAL	SRCGP2	5

605632.2	4122000	0.21394	55.03	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4122000	0.22931	55.11	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4122000	0.2466	55.17	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4122000	0.26612	55.28	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4122000	0.28831	55.34	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4122000	0.31367	55.33	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4122000	0.34286	55.43	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4122000	0.37669	55.47	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4122000	0.4162	55.61	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4122000	0.46279	56.01	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4122000	0.51708	56.55	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4122000	0.58299	56.76	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4122000	0.66604	56.29	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4122000	0.76688	56.27	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4122000	0.89034	56.8	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4122000	1.05104	56.92	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4122000	1.26614	56.5	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4122000	1.55076	56.47	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4122000	1.93485	56.97	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4122000	2.48364	57.12	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4122000	3.29793	56.72	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4122000	4.51071	56.73	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4122000	6.3983	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4122000	16.59586	58.13	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4122000	14.1545	58.23	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4122000	12.35176	58.26	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4122000	10.7763	58.24	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4122000	1.0643	59.49	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4122000	0.8989	59.37	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4122000	0.52244	59.48	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4122000	0.46555	59.92	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4122000	0.41924	59.92	313.5	1.5	ANNUAL	SRCGP2	5
606672.2	4122000	0.38014	59.77	313.5	1.5	ANNUAL	SRCGP2	5
606692.2	4122000	0.34495	60.24	313.5	1.5	ANNUAL	SRCGP2	5
606712.2	4122000	0.31547	60.26	313.49	1.5	ANNUAL	SRCGP2	5
606732.2	4122000	0.29052	59.84	313.49	1.5	ANNUAL	SRCGP2	5
606752.2	4122000	0.26677	60.49	313.48	1.5	ANNUAL	SRCGP2	5
606772.2	4122000	0.24633	60.84	60.84	1.5	ANNUAL	SRCGP2	5
606792.2	4122000	0.22909	60.49	60.49	1.5	ANNUAL	SRCGP2	5
606812.2	4122000	0.21259	61.1	61.1	1.5	ANNUAL	SRCGP2	5
606832.2	4122000	0.19835	61.23	61.23	1.5	ANNUAL	SRCGP2	5
606852.2	4122000	0.18603	60.87	60.87	1.5	ANNUAL	SRCGP2	5
605632.2	4122020	0.22866	55.56	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4122020	0.24599	55.7	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4122020	0.26559	55.68	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4122020	0.28786	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4122020	0.31331	55.92	313.5	1.5	ANNUAL	SRCGP2	5

605732.2	4122020	0.3426	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4122020	0.37653	55.86	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4122020	0.41613	55.89	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4122020	0.46275	56.08	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4122020	0.51781	56.26	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4122020	0.58337	56.52	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4122020	0.66273	56.81	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4122020	0.76231	56.61	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4122020	0.88545	56.61	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4122020	1.03963	56.85	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4122020	1.23873	56.95	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4122020	1.50154	56.8	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4122020	1.84957	56.79	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4122020	2.31501	57.07	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4122020	2.95425	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4122020	3.86095	56.99	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4122020	5.1605	56.95	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4122020	7.12416	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4122020	15.27597	58.35	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4122020	11.50598	59.31	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4122020	9.38651	59.32	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4122020	7.83714	59.3	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4122020	6.55383	59.14	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4122020	0.89311	59.43	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4122020	0.76595	59.46	313.5	1.5	ANNUAL	SRCGP2	5
606612.2	4122020	0.46578	59.61	313.5	1.5	ANNUAL	SRCGP2	5
606632.2	4122020	0.4188	59.97	313.5	1.5	ANNUAL	SRCGP2	5
606652.2	4122020	0.37998	59.95	313.49	1.5	ANNUAL	SRCGP2	5
606672.2	4122020	0.34672	59.85	313.49	1.5	ANNUAL	SRCGP2	5
606692.2	4122020	0.31678	60.25	313.48	1.5	ANNUAL	SRCGP2	5
606712.2	4122020	0.2914	60.24	60.24	1.5	ANNUAL	SRCGP2	5
606732.2	4122020	0.26976	59.77	59.77	1.5	ANNUAL	SRCGP2	5
606752.2	4122020	0.24889	60.42	60.42	1.5	ANNUAL	SRCGP2	5
606772.2	4122020	0.2307	60.85	60.85	1.5	ANNUAL	SRCGP2	5
606792.2	4122020	0.21532	60.48	60.48	1.5	ANNUAL	SRCGP2	5
606812.2	4122020	0.20055	61.07	61.07	1.5	ANNUAL	SRCGP2	5
606832.2	4122020	0.1878	61.04	61.04	1.5	ANNUAL	SRCGP2	5
606852.2	4122020	0.17656	60.63	60.63	1.5	ANNUAL	SRCGP2	5
605632.2	4122040	0.24561	55.8	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4122040	0.26523	55.84	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4122040	0.28751	55.92	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4122040	0.31295	56	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4122040	0.34219	56.09	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4122040	0.376	56.09	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4122040	0.41538	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4122040	0.46146	56.21	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4122040	0.51592	56.3	313.5	1.5	ANNUAL	SRCGP2	5

605812.2	4122040	0.58062	56.49	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4122040	0.65889	56.6	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4122040	0.7542	56.73	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4122040	0.87228	56.74	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4122040	1.01921	56.83	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4122040	1.20456	56.95	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4122040	1.44135	57.07	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4122040	1.74863	57.05	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4122040	2.14767	57.14	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4122040	2.67166	57.23	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4122040	3.36865	57.25	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4122040	4.31264	57.24	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4122040	5.63497	57.27	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4122040	7.61833	57.36	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4122040	11.58189	58.46	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4122040	8.31555	59.32	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4122040	6.55412	59.36	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4122040	5.34841	59.37	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4122040	4.39746	59.25	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4122040	0.76692	59.41	313.5	1.5	ANNUAL	SRCGP2	5
606532.2	4122040	0.66503	59.52	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4122040	0.5184	59.64	313.49	1.5	ANNUAL	SRCGP2	5
606592.2	4122040	0.46511	59.39	313.49	1.5	ANNUAL	SRCGP2	5
606612.2	4122040	0.41847	59.7	313.48	1.5	ANNUAL	SRCGP2	5
606632.2	4122040	0.37916	59.94	313.48	1.5	ANNUAL	SRCGP2	5
606652.2	4122040	0.34622	59.87	312.87	1.5	ANNUAL	SRCGP2	5
606672.2	4122040	0.31762	59.82	59.82	1.5	ANNUAL	SRCGP2	5
606692.2	4122040	0.29174	60.25	60.25	1.5	ANNUAL	SRCGP2	5
606712.2	4122040	0.26976	60.23	60.23	1.5	ANNUAL	SRCGP2	5
606732.2	4122040	0.25098	59.7	59.7	1.5	ANNUAL	SRCGP2	5
606752.2	4122040	0.23264	60.35	60.35	1.5	ANNUAL	SRCGP2	5
606772.2	4122040	0.21656	60.76	60.76	1.5	ANNUAL	SRCGP2	5
606792.2	4122040	0.20295	60.31	60.31	1.5	ANNUAL	SRCGP2	5
606812.2	4122040	0.18972	60.87	60.87	1.5	ANNUAL	SRCGP2	5
606832.2	4122040	0.17821	60.81	60.81	1.5	ANNUAL	SRCGP2	5
606852.2	4122040	0.16796	60.43	60.43	1.5	ANNUAL	SRCGP2	5
605632.2	4122060	0.26509	55.67	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4122060	0.28733	55.84	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4122060	0.31269	55.99	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4122060	0.34178	55.85	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4122060	0.37533	55.86	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4122060	0.41428	55.96	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4122060	0.45983	56.03	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4122060	0.51348	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4122060	0.57715	56.17	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4122060	0.6531	56.29	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4122060	0.74483	56.42	313.5	1.5	ANNUAL	SRCGP2	5

605852.2	4122060	0.85687	56.51	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4122060	0.99473	56.61	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4122060	1.16635	56.64	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4122060	1.37902	56.94	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4122060	1.64817	57.06	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4122060	1.99096	56.99	313.5	1.5	ANNUAL	SRCGP2	5
605972.2	4122060	2.42026	57.33	313.5	1.5	ANNUAL	SRCGP2	5
605992.2	4122060	2.97357	57.38	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4122060	3.69027	57.39	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4122060	4.63402	57.52	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4122060	5.95061	57.38	313.5	1.5	ANNUAL	SRCGP2	5
606072.2	4122060	7.90335	57.42	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4122060	8.03427	58.86	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4122060	5.75784	59.32	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4122060	4.58427	59.41	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4122060	3.78972	59.3	313.5	1.5	ANNUAL	SRCGP2	5
606352.2	4122060	3.14349	59.31	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4122060	0.46219	59.95	59.95	1.5	ANNUAL	SRCGP2	5
606592.2	4122060	0.4177	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606612.2	4122060	0.37796	59.76	59.76	1.5	ANNUAL	SRCGP2	5
606632.2	4122060	0.34451	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606652.2	4122060	0.31609	59.82	59.82	1.5	ANNUAL	SRCGP2	5
606672.2	4122060	0.29137	59.76	59.76	1.5	ANNUAL	SRCGP2	5
606692.2	4122060	0.269	60.13	60.13	1.5	ANNUAL	SRCGP2	5
606712.2	4122060	0.24978	60.16	60.16	1.5	ANNUAL	SRCGP2	5
606732.2	4122060	0.23328	59.71	59.71	1.5	ANNUAL	SRCGP2	5
606752.2	4122060	0.21722	60.34	60.34	1.5	ANNUAL	SRCGP2	5
606772.2	4122060	0.20326	60.53	60.53	1.5	ANNUAL	SRCGP2	5
606792.2	4122060	0.19118	60.11	60.11	1.5	ANNUAL	SRCGP2	5
606812.2	4122060	0.17929	60.76	60.76	1.5	ANNUAL	SRCGP2	5
606832.2	4122060	0.16899	60.69	60.69	1.5	ANNUAL	SRCGP2	5
606852.2	4122060	0.15974	60.34	60.34	1.5	ANNUAL	SRCGP2	5
607052.2	4122060	0.09698	60.26	60.26	1.5	ANNUAL	SRCGP2	5
605632.2	4122080	0.28725	55.28	313.5	1.5	ANNUAL	SRCGP2	5
605652.2	4122080	0.31244	55.67	313.5	1.5	ANNUAL	SRCGP2	5
605672.2	4122080	0.34126	55.87	313.5	1.5	ANNUAL	SRCGP2	5
605692.2	4122080	0.37445	55.44	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4122080	0.41278	55.65	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4122080	0.45744	55.76	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4122080	0.50978	55.69	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4122080	0.57157	55.78	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4122080	0.64503	55.93	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4122080	0.73302	55.93	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4122080	0.8392	55.94	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4122080	0.96816	56.12	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4122080	1.12529	56.24	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4122080	1.31896	56.21	313.5	1.5	ANNUAL	SRCGP2	5

605912.2	4122080	1.55582	56.4	313.5	1.5	ANNUAL	SRCGP2	5
605932.2	4122080	1.84844	56.54	313.5	1.5	ANNUAL	SRCGP2	5
605952.2	4122080	2.21204	56.52	313.5	1.5	ANNUAL	SRCGP2	5
606272.2	4122080	5.10533	58.81	313.5	1.5	ANNUAL	SRCGP2	5
606292.2	4122080	4.01034	59.28	313.5	1.5	ANNUAL	SRCGP2	5
606312.2	4122080	3.3412	59.33	313.5	1.5	ANNUAL	SRCGP2	5
606332.2	4122080	2.82419	59.3	313.49	1.5	ANNUAL	SRCGP2	5
606352.2	4122080	2.37923	59.48	313.49	1.5	ANNUAL	SRCGP2	5
606572.2	4122080	0.41716	59.94	59.94	1.5	ANNUAL	SRCGP2	5
606592.2	4122080	0.37842	59.46	59.46	1.5	ANNUAL	SRCGP2	5
606612.2	4122080	0.34439	59.42	59.42	1.5	ANNUAL	SRCGP2	5
606632.2	4122080	0.31491	59.57	59.57	1.5	ANNUAL	SRCGP2	5
606652.2	4122080	0.2897	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606672.2	4122080	0.26791	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606692.2	4122080	0.24854	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606712.2	4122080	0.23151	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606732.2	4122080	0.21646	59.86	59.86	1.5	ANNUAL	SRCGP2	5
606752.2	4122080	0.20251	60.33	60.33	1.5	ANNUAL	SRCGP2	5
606772.2	4122080	0.19034	60.39	60.39	1.5	ANNUAL	SRCGP2	5
606792.2	4122080	0.17972	59.93	59.93	1.5	ANNUAL	SRCGP2	5
606812.2	4122080	0.16924	60.46	60.46	1.5	ANNUAL	SRCGP2	5
606892.2	4122080	0.13649	60.42	60.42	1.5	ANNUAL	SRCGP2	5
606912.2	4122080	0.12973	60.49	60.49	1.5	ANNUAL	SRCGP2	5
606932.2	4122080	0.1236	60.24	60.24	1.5	ANNUAL	SRCGP2	5
605632.2	4122100	0.31207	55.21	313.49	1.5	ANNUAL	SRCGP2	5
605652.2	4122100	0.34053	55.57	313.49	1.5	ANNUAL	SRCGP2	5
605672.2	4122100	0.37316	55.76	313.49	1.5	ANNUAL	SRCGP2	5
605692.2	4122100	0.41081	55.3	313.5	1.5	ANNUAL	SRCGP2	5
605712.2	4122100	0.45435	55.89	313.5	1.5	ANNUAL	SRCGP2	5
605732.2	4122100	0.50513	56.15	313.5	1.5	ANNUAL	SRCGP2	5
605752.2	4122100	0.56474	55.79	313.5	1.5	ANNUAL	SRCGP2	5
605772.2	4122100	0.63502	55.89	313.5	1.5	ANNUAL	SRCGP2	5
605792.2	4122100	0.71795	56.3	313.5	1.5	ANNUAL	SRCGP2	5
605812.2	4122100	0.81768	56.22	313.5	1.5	ANNUAL	SRCGP2	5
605832.2	4122100	0.9373	55.9	313.5	1.5	ANNUAL	SRCGP2	5
605852.2	4122100	1.07877	56.57	313.5	1.5	ANNUAL	SRCGP2	5
605872.2	4122100	1.24833	57.11	313.5	1.5	ANNUAL	SRCGP2	5
605892.2	4122100	1.46052	56.55	313.5	1.5	ANNUAL	SRCGP2	5
605912.2	4122100	1.71047	56.81	313.5	1.5	ANNUAL	SRCGP2	5
606572.2	4122100	0.38024	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606592.2	4122100	0.34555	59.6	59.6	1.5	ANNUAL	SRCGP2	5
606612.2	4122100	0.3149	59.76	59.76	1.5	ANNUAL	SRCGP2	5
606632.2	4122100	0.28874	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606652.2	4122100	0.26613	59.93	59.93	1.5	ANNUAL	SRCGP2	5
606672.2	4122100	0.24648	60.02	60.02	1.5	ANNUAL	SRCGP2	5
606692.2	4122100	0.22941	60.02	60.02	1.5	ANNUAL	SRCGP2	5
606712.2	4122100	0.21453	59.86	59.86	1.5	ANNUAL	SRCGP2	5

606852.2	4122100	0.14376	60.08	60.08	1.5	ANNUAL	SRCGP2	5
606872.2	4122100	0.13676	60.09	60.09	1.5	ANNUAL	SRCGP2	5
606892.2	4122100	0.13006	60.5	60.5	1.5	ANNUAL	SRCGP2	5
606912.2	4122100	0.12406	60.39	60.39	1.5	ANNUAL	SRCGP2	5
606932.2	4122100	0.11856	60.04	60.04	1.5	ANNUAL	SRCGP2	5
605632.2	4122120	0.33951	55.07	313.48	1.5	ANNUAL	SRCGP2	5
605652.2	4122120	0.37149	55.54	313.48	1.5	ANNUAL	SRCGP2	5
605672.2	4122120	0.40821	55.64	313.48	1.5	ANNUAL	SRCGP2	5
605692.2	4122120	0.45062	55.21	313.48	1.5	ANNUAL	SRCGP2	5
605712.2	4122120	0.49965	55.84	313.48	1.5	ANNUAL	SRCGP2	5
605732.2	4122120	0.55659	56.25	313.48	1.5	ANNUAL	SRCGP2	5
605752.2	4122120	0.62376	55.78	313.49	1.5	ANNUAL	SRCGP2	5
605772.2	4122120	0.70243	56.01	313.49	1.5	ANNUAL	SRCGP2	5
605792.2	4122120	0.79444	56.41	313.48	1.5	ANNUAL	SRCGP2	5
605812.2	4122120	0.90497	56.21	313.49	1.5	ANNUAL	SRCGP2	5
605832.2	4122120	1.03558	56.07	313.49	1.5	ANNUAL	SRCGP2	5
605852.2	4122120	1.18763	56.68	313.49	1.5	ANNUAL	SRCGP2	5
605872.2	4122120	1.36753	57.19	313.48	1.5	ANNUAL	SRCGP2	5
605992.2	4122120	3.44217	56.39	313.5	1.5	ANNUAL	SRCGP2	5
606012.2	4122120	4.04821	56.49	313.5	1.5	ANNUAL	SRCGP2	5
606032.2	4122120	4.78272	56.49	313.5	1.5	ANNUAL	SRCGP2	5
606052.2	4122120	5.66458	56.56	313.5	1.5	ANNUAL	SRCGP2	5
606512.2	4122120	0.48152	59.65	59.65	1.5	ANNUAL	SRCGP2	5
606532.2	4122120	0.42973	59.75	59.75	1.5	ANNUAL	SRCGP2	5
606552.2	4122120	0.38643	59.79	59.79	1.5	ANNUAL	SRCGP2	5
606572.2	4122120	0.34977	59.76	59.76	1.5	ANNUAL	SRCGP2	5
606592.2	4122120	0.31854	59.62	59.62	1.5	ANNUAL	SRCGP2	5
606772.2	4122120	0.16683	59.99	59.99	1.5	ANNUAL	SRCGP2	5
606792.2	4122120	0.15806	59.97	59.97	1.5	ANNUAL	SRCGP2	5
606812.2	4122120	0.15013	59.86	59.86	1.5	ANNUAL	SRCGP2	5
606852.2	4122120	0.13595	60.05	60.05	1.5	ANNUAL	SRCGP2	5
606872.2	4122120	0.12972	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606892.2	4122120	0.12381	60.26	60.26	1.5	ANNUAL	SRCGP2	5
606912.2	4122120	0.11844	60.16	60.16	1.5	ANNUAL	SRCGP2	5
605632.2	4122140	0.3694	55.08	312.88	1.5	ANNUAL	SRCGP2	5
605652.2	4122140	0.4051	55.55	312.88	1.5	ANNUAL	SRCGP2	5
605672.2	4122140	0.44612	55.41	313.48	1.5	ANNUAL	SRCGP2	5
605692.2	4122140	0.49339	55.22	313.48	1.5	ANNUAL	SRCGP2	5
605712.2	4122140	0.54797	55.78	313.48	1.5	ANNUAL	SRCGP2	5
605732.2	4122140	0.61126	56.21	312.88	1.5	ANNUAL	SRCGP2	5
605752.2	4122140	0.68532	55.7	313.48	1.5	ANNUAL	SRCGP2	5
605772.2	4122140	0.77158	56.11	313.48	1.5	ANNUAL	SRCGP2	5
605792.2	4122140	0.87149	56.46	313.48	1.5	ANNUAL	SRCGP2	5
605812.2	4122140	0.99058	56.13	313.48	1.5	ANNUAL	SRCGP2	5
605832.2	4122140	1.12829	56.24	313.48	1.5	ANNUAL	SRCGP2	5
605852.2	4122140	1.28689	56.73	313.48	1.5	ANNUAL	SRCGP2	5
605932.2	4122140	2.23829	56.22	313.48	1.5	ANNUAL	SRCGP2	5

605952.2	4122140	2.57436	56.11	313.48	1.5	ANNUAL	SRCGP2	5
605972.2	4122140	2.95712	56.35	313.48	1.5	ANNUAL	SRCGP2	5
605992.2	4122140	3.39886	56.34	313.48	1.5	ANNUAL	SRCGP2	5
606012.2	4122140	3.90007	56.31	313.48	1.5	ANNUAL	SRCGP2	5
606032.2	4122140	4.45179	56.32	313.48	1.5	ANNUAL	SRCGP2	5
606052.2	4122140	5.02457	56.32	313.48	1.5	ANNUAL	SRCGP2	5
606072.2	4122140	5.54612	56.51	313.48	1.5	ANNUAL	SRCGP2	5
606132.2	4122140	5.97105	58.06	58.06	1.5	ANNUAL	SRCGP2	5
606152.2	4122140	5.64876	58.04	58.04	1.5	ANNUAL	SRCGP2	5
606172.2	4122140	5.11622	58.19	58.19	1.5	ANNUAL	SRCGP2	5
606652.2	4122140	0.23078	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606672.2	4122140	0.21419	59.96	59.96	1.5	ANNUAL	SRCGP2	5
606712.2	4122140	0.18689	60.03	60.03	1.5	ANNUAL	SRCGP2	5
606732.2	4122140	0.1756	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606752.2	4122140	0.16562	59.97	59.97	1.5	ANNUAL	SRCGP2	5
606772.2	4122140	0.15661	60.02	60.02	1.5	ANNUAL	SRCGP2	5
606792.2	4122140	0.14855	60.03	60.03	1.5	ANNUAL	SRCGP2	5
606812.2	4122140	0.14145	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606832.2	4122140	0.13459	60.06	60.06	1.5	ANNUAL	SRCGP2	5
606852.2	4122140	0.12857	59.93	59.93	1.5	ANNUAL	SRCGP2	5
605632.2	4122160	0.40144	55.27	292.97	1.5	ANNUAL	SRCGP2	5
605652.2	4122160	0.44095	55.59	292.97	1.5	ANNUAL	SRCGP2	5
605672.2	4122160	0.48626	55.4	292.97	1.5	ANNUAL	SRCGP2	5
605692.2	4122160	0.53828	55.38	292.97	1.5	ANNUAL	SRCGP2	5
605712.2	4122160	0.59813	55.91	292.97	1.5	ANNUAL	SRCGP2	5
605732.2	4122160	0.66726	56.02	292.97	1.5	ANNUAL	SRCGP2	5
605752.2	4122160	0.7472	55.6	292.97	1.5	ANNUAL	SRCGP2	5
605772.2	4122160	0.8394	56.19	292.97	1.5	ANNUAL	SRCGP2	5
605792.2	4122160	0.94536	56.42	292.97	1.5	ANNUAL	SRCGP2	5
605812.2	4122160	1.06939	55.93	292.97	1.5	ANNUAL	SRCGP2	5
605832.2	4122160	1.21037	56.28	292.97	1.5	ANNUAL	SRCGP2	5
605912.2	4122160	2.0041	56.36	292.97	1.5	ANNUAL	SRCGP2	5
605932.2	4122160	2.27091	56.3	292.97	1.5	ANNUAL	SRCGP2	5
605952.2	4122160	2.56971	56.12	292.97	1.5	ANNUAL	SRCGP2	5
605972.2	4122160	2.89776	56.11	292.97	1.5	ANNUAL	SRCGP2	5
605992.2	4122160	3.25128	56.22	292.97	1.5	ANNUAL	SRCGP2	5
606012.2	4122160	3.62214	56.15	56.15	1.5	ANNUAL	SRCGP2	5
606032.2	4122160	3.98452	56.14	56.14	1.5	ANNUAL	SRCGP2	5
606052.2	4122160	4.3058	56.19	56.19	1.5	ANNUAL	SRCGP2	5
606072.2	4122160	4.54121	56.49	56.49	1.5	ANNUAL	SRCGP2	5
606132.2	4122160	4.45574	58.03	58.03	1.5	ANNUAL	SRCGP2	5
606152.2	4122160	4.15941	58.1	58.1	1.5	ANNUAL	SRCGP2	5
606172.2	4122160	3.76677	58.22	58.22	1.5	ANNUAL	SRCGP2	5
606512.2	4122160	0.40208	59.43	59.43	1.5	ANNUAL	SRCGP2	5
606532.2	4122160	0.36267	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606552.2	4122160	0.32958	59.57	59.57	1.5	ANNUAL	SRCGP2	5
606652.2	4122160	0.21691	59.85	59.85	1.5	ANNUAL	SRCGP2	5

606672.2	4122160	0.20169	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606712.2	4122160	0.17619	60	60	1.5	ANNUAL	SRCGP2	5
606732.2	4122160	0.16559	60	60	1.5	ANNUAL	SRCGP2	5
606752.2	4122160	0.15618	59.96	59.96	1.5	ANNUAL	SRCGP2	5
606772.2	4122160	0.14778	59.93	59.93	1.5	ANNUAL	SRCGP2	5
606792.2	4122160	0.14026	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606872.2	4122160	0.1166	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606892.2	4122160	0.11184	59.78	59.78	1.5	ANNUAL	SRCGP2	5
606912.2	4122160	0.10738	59.92	59.92	1.5	ANNUAL	SRCGP2	5
605632.2	4122180	0.43518	55.2	292.97	1.5	ANNUAL	SRCGP2	5
605652.2	4122180	0.47841	55.38	292.97	1.5	ANNUAL	SRCGP2	5
605672.2	4122180	0.52775	55.24	292.97	1.5	ANNUAL	SRCGP2	5
605692.2	4122180	0.58409	55.35	292.97	1.5	ANNUAL	SRCGP2	5
605712.2	4122180	0.6485	55.68	292.97	1.5	ANNUAL	SRCGP2	5
605732.2	4122180	0.72225	55.8	292.97	1.5	ANNUAL	SRCGP2	5
605752.2	4122180	0.80665	55.52	292.97	1.5	ANNUAL	SRCGP2	5
605772.2	4122180	0.90285	56.14	292.97	1.5	ANNUAL	SRCGP2	5
605792.2	4122180	1.01242	56.17	292.97	1.5	ANNUAL	SRCGP2	5
605812.2	4122180	1.13694	55.81	292.97	1.5	ANNUAL	SRCGP2	5
605832.2	4122180	1.27649	56.34	292.97	1.5	ANNUAL	SRCGP2	5
605892.2	4122180	1.80398	56.39	292.97	1.5	ANNUAL	SRCGP2	5
605912.2	4122180	2.01724	56.41	292.97	1.5	ANNUAL	SRCGP2	5
605932.2	4122180	2.25082	56.21	292.97	1.5	ANNUAL	SRCGP2	5
605952.2	4122180	2.49787	56.29	292.97	1.5	ANNUAL	SRCGP2	5
605972.2	4122180	2.75531	56.37	56.37	1.5	ANNUAL	SRCGP2	5
605992.2	4122180	3.01516	56.33	56.33	1.5	ANNUAL	SRCGP2	5
606012.2	4122180	3.26263	56.21	56.21	1.5	ANNUAL	SRCGP2	5
606032.2	4122180	3.47581	56.22	56.22	1.5	ANNUAL	SRCGP2	5
606052.2	4122180	3.63755	56.22	56.22	1.5	ANNUAL	SRCGP2	5
606132.2	4122180	3.45858	58.08	58.08	1.5	ANNUAL	SRCGP2	5
606152.2	4122180	3.22206	58.13	58.13	1.5	ANNUAL	SRCGP2	5
606172.2	4122180	2.93737	58.22	58.22	1.5	ANNUAL	SRCGP2	5
606332.2	4122180	1.09637	58.8	58.8	1.5	ANNUAL	SRCGP2	5
606352.2	4122180	0.97947	57.63	59.63	1.5	ANNUAL	SRCGP2	5
606672.2	4122180	0.1908	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606712.2	4122180	0.16695	59.93	59.93	1.5	ANNUAL	SRCGP2	5
606812.2	4122180	0.12662	59.66	59.66	1.5	ANNUAL	SRCGP2	5
606832.2	4122180	0.12078	59.71	59.71	1.5	ANNUAL	SRCGP2	5
606852.2	4122180	0.11545	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606872.2	4122180	0.11063	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606892.2	4122180	0.10622	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606912.2	4122180	0.10215	59.94	59.94	1.5	ANNUAL	SRCGP2	5
605872.2	4122200	1.63184	56.28	292.97	1.5	ANNUAL	SRCGP2	5
605892.2	4122200	1.80324	56.46	292.97	1.5	ANNUAL	SRCGP2	5
605912.2	4122200	1.98737	56.3	56.3	1.5	ANNUAL	SRCGP2	5
605932.2	4122200	2.17888	56.19	56.19	1.5	ANNUAL	SRCGP2	5
605952.2	4122200	2.37144	56.27	56.27	1.5	ANNUAL	SRCGP2	5

605972.2	4122200	2.55973	56.31	56.31	1.5	ANNUAL	SRCGP2	5
605992.2	4122200	2.73513	56.25	56.25	1.5	ANNUAL	SRCGP2	5
606012.2	4122200	2.88543	56.2	56.2	1.5	ANNUAL	SRCGP2	5
606032.2	4122200	2.99866	56.22	56.22	1.5	ANNUAL	SRCGP2	5
606052.2	4122200	3.06608	56.26	56.26	1.5	ANNUAL	SRCGP2	5
606072.2	4122200	3.079	56.49	56.49	1.5	ANNUAL	SRCGP2	5
606132.2	4122200	2.77792	57.98	57.98	1.5	ANNUAL	SRCGP2	5
606152.2	4122200	2.59175	58.09	58.09	1.5	ANNUAL	SRCGP2	5
606172.2	4122200	2.37965	58.17	58.17	1.5	ANNUAL	SRCGP2	5
606332.2	4122200	0.96448	57.98	57.98	1.5	ANNUAL	SRCGP2	5
606352.2	4122200	0.86289	57.32	57.32	1.5	ANNUAL	SRCGP2	5
606672.2	4122200	0.18095	59.39	59.39	1.5	ANNUAL	SRCGP2	5
606752.2	4122200	0.141	59.75	59.75	1.5	ANNUAL	SRCGP2	5
606772.2	4122200	0.13342	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606792.2	4122200	0.12655	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606812.2	4122200	0.12041	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606832.2	4122200	0.11487	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606852.2	4122200	0.10983	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606872.2	4122200	0.10526	59.94	59.94	1.5	ANNUAL	SRCGP2	5
606892.2	4122200	0.10114	59.84	59.84	1.5	ANNUAL	SRCGP2	5
605872.2	4122220	1.62018	56.62	56.62	1.5	ANNUAL	SRCGP2	5
605892.2	4122220	1.76726	56.43	56.43	1.5	ANNUAL	SRCGP2	5
605912.2	4122220	1.91665	56.32	56.32	1.5	ANNUAL	SRCGP2	5
605932.2	4122220	2.06397	56.33	56.33	1.5	ANNUAL	SRCGP2	5
605952.2	4122220	2.20583	56.25	56.25	1.5	ANNUAL	SRCGP2	5
605972.2	4122220	2.33374	56.31	56.31	1.5	ANNUAL	SRCGP2	5
605992.2	4122220	2.44335	56.27	56.27	1.5	ANNUAL	SRCGP2	5
606012.2	4122220	2.52738	56.21	56.21	1.5	ANNUAL	SRCGP2	5
606032.2	4122220	2.57883	56.24	56.24	1.5	ANNUAL	SRCGP2	5
606052.2	4122220	2.59474	56.33	56.33	1.5	ANNUAL	SRCGP2	5
606132.2	4122220	2.28605	58.08	58.08	1.5	ANNUAL	SRCGP2	5
606152.2	4122220	2.13963	58.18	58.18	1.5	ANNUAL	SRCGP2	5
606172.2	4122220	1.97701	58.24	58.24	1.5	ANNUAL	SRCGP2	5
606292.2	4122220	1.05741	58.14	58.14	1.5	ANNUAL	SRCGP2	5
606712.2	4122220	0.15109	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606732.2	4122220	0.14236	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606752.2	4122220	0.13442	59.94	59.94	1.5	ANNUAL	SRCGP2	5
606772.2	4122220	0.1273	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606792.2	4122220	0.12083	59.85	59.85	1.5	ANNUAL	SRCGP2	5
606812.2	4122220	0.11496	59.87	59.87	1.5	ANNUAL	SRCGP2	5
605872.2	4122240	1.5812	56.67	56.67	1.5	ANNUAL	SRCGP2	5
605892.2	4122240	1.69924	56.56	56.56	1.5	ANNUAL	SRCGP2	5
605912.2	4122240	1.81453	56.42	56.42	1.5	ANNUAL	SRCGP2	5
605932.2	4122240	1.92135	56.53	56.53	1.5	ANNUAL	SRCGP2	5
605952.2	4122240	2.0181	56.55	56.55	1.5	ANNUAL	SRCGP2	5
605972.2	4122240	2.09997	56.56	56.56	1.5	ANNUAL	SRCGP2	5
605992.2	4122240	2.16326	56.53	56.53	1.5	ANNUAL	SRCGP2	5

606012.2	4122240	2.20395	56.52	56.52	1.5	ANNUAL	SRCGP2	5
606032.2	4122240	2.22018	56.51	56.51	1.5	ANNUAL	SRCGP2	5
606052.2	4122240	2.21119	56.55	56.55	1.5	ANNUAL	SRCGP2	5
606132.2	4122240	1.9208	58.09	58.09	1.5	ANNUAL	SRCGP2	5
606152.2	4122240	1.80302	58.24	58.24	1.5	ANNUAL	SRCGP2	5
606192.2	4122240	1.54083	58.15	58.15	1.5	ANNUAL	SRCGP2	5
606292.2	4122240	0.9321	58.3	58.3	1.5	ANNUAL	SRCGP2	5
606312.2	4122240	0.84047	58.39	58.39	1.5	ANNUAL	SRCGP2	5
606332.2	4122240	0.75735	58.48	58.48	1.5	ANNUAL	SRCGP2	5
606352.2	4122240	0.6817	58.51	58.51	1.5	ANNUAL	SRCGP2	5
606392.2	4122240	0.54909	59.07	59.07	1.5	ANNUAL	SRCGP2	5
606412.2	4122240	0.4935	59.06	59.06	1.5	ANNUAL	SRCGP2	5
606452.2	4122240	0.39788	59.25	59.25	1.5	ANNUAL	SRCGP2	5
606472.2	4122240	0.35776	59.43	59.43	1.5	ANNUAL	SRCGP2	5
606712.2	4122240	0.14394	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606732.2	4122240	0.13585	59.92	59.92	1.5	ANNUAL	SRCGP2	5
606752.2	4122240	0.1285	59.88	59.88	1.5	ANNUAL	SRCGP2	5
605852.2	4122260	1.42245	57.05	57.05	1.5	ANNUAL	SRCGP2	5
605872.2	4122260	1.51521	57.21	57.21	1.5	ANNUAL	SRCGP2	5
605892.2	4122260	1.60418	57.32	57.32	1.5	ANNUAL	SRCGP2	5
605912.2	4122260	1.687	57.38	57.38	1.5	ANNUAL	SRCGP2	5
605932.2	4122260	1.76035	57.5	57.5	1.5	ANNUAL	SRCGP2	5
605952.2	4122260	1.82284	57.52	57.52	1.5	ANNUAL	SRCGP2	5
605972.2	4122260	1.87001	57.67	57.67	1.5	ANNUAL	SRCGP2	5
605992.2	4122260	1.90173	57.72	57.72	1.5	ANNUAL	SRCGP2	5
606012.2	4122260	1.91653	57.69	57.69	1.5	ANNUAL	SRCGP2	5
606032.2	4122260	1.91278	57.73	57.73	1.5	ANNUAL	SRCGP2	5
606052.2	4122260	1.89174	57.78	57.78	1.5	ANNUAL	SRCGP2	5
606132.2	4122260	1.64461	57.6	57.6	1.5	ANNUAL	SRCGP2	5
606152.2	4122260	1.54571	58.06	58.06	1.5	ANNUAL	SRCGP2	5
606172.2	4122260	1.44077	58.21	58.21	1.5	ANNUAL	SRCGP2	5
606192.2	4122260	1.3314	58.18	58.18	1.5	ANNUAL	SRCGP2	5
606212.2	4122260	1.22131	58.08	58.08	1.5	ANNUAL	SRCGP2	5
606292.2	4122260	0.82968	58.24	58.24	1.5	ANNUAL	SRCGP2	5
606312.2	4122260	0.75105	58.44	58.44	1.5	ANNUAL	SRCGP2	5
606332.2	4122260	0.67954	58.62	58.62	1.5	ANNUAL	SRCGP2	5
606352.2	4122260	0.61424	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606392.2	4122260	0.50022	59.36	59.36	1.5	ANNUAL	SRCGP2	5
606412.2	4122260	0.45183	59.46	59.46	1.5	ANNUAL	SRCGP2	5
606452.2	4122260	0.36793	59.75	59.75	1.5	ANNUAL	SRCGP2	5
606472.2	4122260	0.33249	59.81	59.81	1.5	ANNUAL	SRCGP2	5
606712.2	4122260	0.13743	59.71	59.71	1.5	ANNUAL	SRCGP2	5
605852.2	4122280	1.36368	57.17	57.17	1.5	ANNUAL	SRCGP2	5
605872.2	4122280	1.4275	58.52	58.52	1.5	ANNUAL	SRCGP2	5
605892.2	4122280	1.48985	58.94	58.94	1.5	ANNUAL	SRCGP2	5
605912.2	4122280	1.55236	58.28	59.19	1.5	ANNUAL	SRCGP2	5
605932.2	4122280	1.60636	57.6	57.6	1.5	ANNUAL	SRCGP2	5

605952.2	4122280	1.64517	57.58	57.58	1.5	ANNUAL	SRCGP2	5
605972.2	4122280	1.67023	57.77	57.77	1.5	ANNUAL	SRCGP2	5
605992.2	4122280	1.68315	57.82	57.82	1.5	ANNUAL	SRCGP2	5
606012.2	4122280	1.68333	57.78	57.78	1.5	ANNUAL	SRCGP2	5
606032.2	4122280	1.67	57.81	57.81	1.5	ANNUAL	SRCGP2	5
606052.2	4122280	1.6421	58.08	58.08	1.5	ANNUAL	SRCGP2	5
606172.2	4122280	1.25471	58.06	58.06	1.5	ANNUAL	SRCGP2	5
606192.2	4122280	1.16334	58.2	58.2	1.5	ANNUAL	SRCGP2	5
606212.2	4122280	1.07221	58.15	58.15	1.5	ANNUAL	SRCGP2	5
606232.2	4122280	0.98268	58.18	58.18	1.5	ANNUAL	SRCGP2	5
606292.2	4122280	0.74344	58.3	58.3	1.5	ANNUAL	SRCGP2	5
606312.2	4122280	0.67581	58.48	58.48	1.5	ANNUAL	SRCGP2	5
606332.2	4122280	0.61402	58.66	58.66	1.5	ANNUAL	SRCGP2	5
606352.2	4122280	0.55751	58.83	58.83	1.5	ANNUAL	SRCGP2	5
606372.2	4122280	0.50569	59.12	59.12	1.5	ANNUAL	SRCGP2	5
606392.2	4122280	0.45876	59.4	59.4	1.5	ANNUAL	SRCGP2	5
606412.2	4122280	0.41667	59.45	59.45	1.5	ANNUAL	SRCGP2	5
606432.2	4122280	0.37812	59.54	59.54	1.5	ANNUAL	SRCGP2	5
606452.2	4122280	0.3427	59.75	59.75	1.5	ANNUAL	SRCGP2	5
606472.2	4122280	0.31107	59.79	59.79	1.5	ANNUAL	SRCGP2	5
606492.2	4122280	0.28314	59.75	59.75	1.5	ANNUAL	SRCGP2	5
606512.2	4122280	0.2588	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606532.2	4122280	0.2379	59.51	59.51	1.5	ANNUAL	SRCGP2	5
606552.2	4122280	0.2201	59.15	59.15	1.5	ANNUAL	SRCGP2	5
606572.2	4122280	0.20435	59.16	59.16	1.5	ANNUAL	SRCGP2	5
606892.2	4122280	0.08521	59.51	59.51	1.5	ANNUAL	SRCGP2	5
606912.2	4122280	0.0819	59.68	59.68	1.5	ANNUAL	SRCGP2	5
605632.2	4122300	0.62241	55.35	55.35	1.5	ANNUAL	SRCGP2	5
605652.2	4122300	0.67361	55.4	55.4	1.5	ANNUAL	SRCGP2	5
605672.2	4122300	0.72837	55.97	55.97	1.5	ANNUAL	SRCGP2	5
605692.2	4122300	0.78659	56.08	56.08	1.5	ANNUAL	SRCGP2	5
605852.2	4122300	1.29331	56.96	56.96	1.5	ANNUAL	SRCGP2	5
605872.2	4122300	1.33725	58.66	58.66	1.5	ANNUAL	SRCGP2	5
605892.2	4122300	1.37538	59.9	59.9	1.5	ANNUAL	SRCGP2	5
605912.2	4122300	1.41946	59.11	59.11	1.5	ANNUAL	SRCGP2	5
605932.2	4122300	1.45921	57.78	57.78	1.5	ANNUAL	SRCGP2	5
605952.2	4122300	1.48209	57.67	57.67	1.5	ANNUAL	SRCGP2	5
605972.2	4122300	1.49366	57.77	57.77	1.5	ANNUAL	SRCGP2	5
605992.2	4122300	1.49525	57.81	57.81	1.5	ANNUAL	SRCGP2	5
606012.2	4122300	1.48721	57.78	57.78	1.5	ANNUAL	SRCGP2	5
606032.2	4122300	1.46935	57.79	57.79	1.5	ANNUAL	SRCGP2	5
606052.2	4122300	1.44081	57.96	57.96	1.5	ANNUAL	SRCGP2	5
606292.2	4122300	0.67045	58.39	58.39	1.5	ANNUAL	SRCGP2	5
606312.2	4122300	0.61145	58.65	58.65	1.5	ANNUAL	SRCGP2	5
606332.2	4122300	0.55759	58.85	58.85	1.5	ANNUAL	SRCGP2	5
606352.2	4122300	0.50875	58.89	58.89	1.5	ANNUAL	SRCGP2	5
606392.2	4122300	0.42255	59.48	59.48	1.5	ANNUAL	SRCGP2	5

606412.2	4122300	0.38569	59.49	59.49	1.5	ANNUAL	SRCGP2	5
606432.2	4122300	0.35149	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606452.2	4122300	0.32019	59.81	59.81	1.5	ANNUAL	SRCGP2	5
606472.2	4122300	0.29195	59.79	59.79	1.5	ANNUAL	SRCGP2	5
606492.2	4122300	0.26658	59.85	59.85	1.5	ANNUAL	SRCGP2	5
606512.2	4122300	0.2443	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606832.2	4122300	0.09329	59.44	59.44	1.5	ANNUAL	SRCGP2	5
606852.2	4122300	0.08915	59.77	59.77	1.5	ANNUAL	SRCGP2	5
606872.2	4122300	0.08546	59.64	59.64	1.5	ANNUAL	SRCGP2	5
606892.2	4122300	0.08201	59.72	59.72	1.5	ANNUAL	SRCGP2	5
606912.2	4122300	0.07885	59.72	59.72	1.5	ANNUAL	SRCGP2	5
605632.2	4122320	0.64145	55.6	55.6	1.5	ANNUAL	SRCGP2	5
605652.2	4122320	0.69037	55.89	55.89	1.5	ANNUAL	SRCGP2	5
605672.2	4122320	0.74148	56.38	56.38	1.5	ANNUAL	SRCGP2	5
605692.2	4122320	0.79523	56.37	56.37	1.5	ANNUAL	SRCGP2	5
605772.2	4122320	1.01848	56.92	56.92	1.5	ANNUAL	SRCGP2	5
605792.2	4122320	1.0724	56.99	56.99	1.5	ANNUAL	SRCGP2	5
605852.2	4122320	1.21229	57.46	59.49	1.5	ANNUAL	SRCGP2	5
605872.2	4122320	1.24069	59.31	59.31	1.5	ANNUAL	SRCGP2	5
605892.2	4122320	1.27036	59.62	59.62	1.5	ANNUAL	SRCGP2	5
605912.2	4122320	1.29637	59.48	59.48	1.5	ANNUAL	SRCGP2	5
605932.2	4122320	1.32424	57.87	57.87	1.5	ANNUAL	SRCGP2	5
605952.2	4122320	1.33833	57.34	57.34	1.5	ANNUAL	SRCGP2	5
605972.2	4122320	1.33927	57.74	57.74	1.5	ANNUAL	SRCGP2	5
605992.2	4122320	1.334	57.8	57.8	1.5	ANNUAL	SRCGP2	5
606012.2	4122320	1.32121	57.84	57.84	1.5	ANNUAL	SRCGP2	5
606032.2	4122320	1.30121	57.86	57.86	1.5	ANNUAL	SRCGP2	5
606392.2	4122320	0.39093	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606412.2	4122320	0.35831	59.52	59.52	1.5	ANNUAL	SRCGP2	5
606432.2	4122320	0.32822	59.54	59.54	1.5	ANNUAL	SRCGP2	5
606452.2	4122320	0.29994	59.91	59.91	1.5	ANNUAL	SRCGP2	5
606472.2	4122320	0.27471	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606752.2	4122320	0.1089	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606772.2	4122320	0.10349	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606792.2	4122320	0.09859	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606812.2	4122320	0.09408	59.77	59.77	1.5	ANNUAL	SRCGP2	5
606832.2	4122320	0.0899	59.72	59.72	1.5	ANNUAL	SRCGP2	5
606852.2	4122320	0.08597	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606872.2	4122320	0.08244	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606892.2	4122320	0.07913	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606912.2	4122320	0.07608	59.68	59.68	1.5	ANNUAL	SRCGP2	5
605632.2	4122340	0.65477	56.01	56.01	1.5	ANNUAL	SRCGP2	5
605652.2	4122340	0.70047	55.94	55.94	1.5	ANNUAL	SRCGP2	5
605672.2	4122340	0.74763	56.2	56.2	1.5	ANNUAL	SRCGP2	5
605692.2	4122340	0.79594	56.23	56.23	1.5	ANNUAL	SRCGP2	5
605712.2	4122340	0.84448	56.38	56.38	1.5	ANNUAL	SRCGP2	5
605732.2	4122340	0.89095	57.25	57.25	1.5	ANNUAL	SRCGP2	5

605752.2	4122340	0.9351	58.37	58.37	1.5	ANNUAL	SRCGP2	5
605772.2	4122340	0.98038	58.35	58.8	1.5	ANNUAL	SRCGP2	5
605792.2	4122340	1.02214	58.55	58.55	1.5	ANNUAL	SRCGP2	5
605812.2	4122340	1.06223	58.25	59.98	1.5	ANNUAL	SRCGP2	5
605832.2	4122340	1.09795	58.07	59.98	1.5	ANNUAL	SRCGP2	5
605852.2	4122340	1.12669	58.53	58.53	1.5	ANNUAL	SRCGP2	5
605872.2	4122340	1.14769	59.58	59.58	1.5	ANNUAL	SRCGP2	5
605892.2	4122340	1.1686	59.57	59.57	1.5	ANNUAL	SRCGP2	5
605912.2	4122340	1.18376	59.66	59.66	1.5	ANNUAL	SRCGP2	5
605932.2	4122340	1.20057	58.34	59	1.5	ANNUAL	SRCGP2	5
605952.2	4122340	1.20723	57.77	57.77	1.5	ANNUAL	SRCGP2	5
605972.2	4122340	1.20453	57.8	57.8	1.5	ANNUAL	SRCGP2	5
606692.2	4122340	0.12291	59.65	59.65	1.5	ANNUAL	SRCGP2	5
606712.2	4122340	0.11634	59.94	59.94	1.5	ANNUAL	SRCGP2	5
606732.2	4122340	0.11037	60.06	60.06	1.5	ANNUAL	SRCGP2	5
606752.2	4122340	0.10499	59.81	59.81	1.5	ANNUAL	SRCGP2	5
606772.2	4122340	0.09992	59.86	59.86	1.5	ANNUAL	SRCGP2	5
606792.2	4122340	0.09528	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606812.2	4122340	0.09093	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606832.2	4122340	0.08693	59.57	59.57	1.5	ANNUAL	SRCGP2	5
606852.2	4122340	0.08317	59.67	59.67	1.5	ANNUAL	SRCGP2	5
606872.2	4122340	0.07969	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606892.2	4122340	0.07652	59.63	59.63	1.5	ANNUAL	SRCGP2	5
606912.2	4122340	0.07356	59.66	59.66	1.5	ANNUAL	SRCGP2	5
605632.2	4122360	0.66203	55.97	55.97	1.5	ANNUAL	SRCGP2	5
605652.2	4122360	0.70368	55.94	55.94	1.5	ANNUAL	SRCGP2	5
605672.2	4122360	0.74566	56.31	56.31	1.5	ANNUAL	SRCGP2	5
605692.2	4122360	0.78784	56.4	56.4	1.5	ANNUAL	SRCGP2	5
605712.2	4122360	0.82929	56.57	56.57	1.5	ANNUAL	SRCGP2	5
605732.2	4122360	0.8681	57.31	57.31	1.5	ANNUAL	SRCGP2	5
605752.2	4122360	0.90238	58.82	58.82	1.5	ANNUAL	SRCGP2	5
605772.2	4122360	0.93475	59.8	59.8	1.5	ANNUAL	SRCGP2	5
605792.2	4122360	0.96745	59.68	59.68	1.5	ANNUAL	SRCGP2	5
605812.2	4122360	0.99468	60.07	60.07	1.5	ANNUAL	SRCGP2	5
605832.2	4122360	1.02071	59.81	59.81	1.5	ANNUAL	SRCGP2	5
605852.2	4122360	1.04354	59.43	59.43	1.5	ANNUAL	SRCGP2	5
605872.2	4122360	1.06033	59.58	59.58	1.5	ANNUAL	SRCGP2	5
605892.2	4122360	1.07362	59.6	59.6	1.5	ANNUAL	SRCGP2	5
605912.2	4122360	1.08145	59.85	59.85	1.5	ANNUAL	SRCGP2	5
605952.2	4122360	1.09473	57.6	57.6	1.5	ANNUAL	SRCGP2	5
606632.2	4122360	0.14024	59.49	59.49	1.5	ANNUAL	SRCGP2	5
606652.2	4122360	0.13235	59.85	59.85	1.5	ANNUAL	SRCGP2	5
606672.2	4122360	0.12516	59.95	59.95	1.5	ANNUAL	SRCGP2	5
606692.2	4122360	0.1185	60.03	60.03	1.5	ANNUAL	SRCGP2	5
606712.2	4122360	0.11248	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606732.2	4122360	0.10677	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606772.2	4122360	0.09677	59.67	59.67	1.5	ANNUAL	SRCGP2	5

606792.2	4122360	0.09231	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606812.2	4122360	0.08814	59.52	59.52	1.5	ANNUAL	SRCGP2	5
606832.2	4122360	0.08421	59.67	59.67	1.5	ANNUAL	SRCGP2	5
606852.2	4122360	0.08065	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606872.2	4122360	0.07723	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606892.2	4122360	0.07417	59.57	59.57	1.5	ANNUAL	SRCGP2	5
606912.2	4122360	0.07132	59.46	59.46	1.5	ANNUAL	SRCGP2	5
605632.2	4122380	0.66309	56.18	56.18	1.5	ANNUAL	SRCGP2	5
605652.2	4122380	0.70022	56.08	56.08	1.5	ANNUAL	SRCGP2	5
605672.2	4122380	0.73657	56.46	56.46	1.5	ANNUAL	SRCGP2	5
605692.2	4122380	0.77234	56.65	56.65	1.5	ANNUAL	SRCGP2	5
605712.2	4122380	0.80696	56.74	56.74	1.5	ANNUAL	SRCGP2	5
605732.2	4122380	0.83816	57.49	57.49	1.5	ANNUAL	SRCGP2	5
605752.2	4122380	0.86443	59.04	59.04	1.5	ANNUAL	SRCGP2	5
605772.2	4122380	0.89	59.6	59.6	1.5	ANNUAL	SRCGP2	5
605792.2	4122380	0.91353	59.77	59.77	1.5	ANNUAL	SRCGP2	5
605812.2	4122380	0.93347	60.03	60.03	1.5	ANNUAL	SRCGP2	5
605832.2	4122380	0.95257	59.64	59.64	1.5	ANNUAL	SRCGP2	5
605852.2	4122380	0.96741	59.58	59.58	1.5	ANNUAL	SRCGP2	5
605872.2	4122380	0.97871	59.63	59.63	1.5	ANNUAL	SRCGP2	5
605892.2	4122380	0.98695	59.6	59.6	1.5	ANNUAL	SRCGP2	5
605912.2	4122380	0.99123	59.63	59.63	1.5	ANNUAL	SRCGP2	5
606572.2	4122380	0.16133	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606592.2	4122380	0.15148	59.66	59.66	1.5	ANNUAL	SRCGP2	5
606612.2	4122380	0.14274	59.72	59.72	1.5	ANNUAL	SRCGP2	5
606632.2	4122380	0.13489	59.71	59.71	1.5	ANNUAL	SRCGP2	5
606652.2	4122380	0.12762	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606752.2	4122380	0.09858	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606772.2	4122380	0.09387	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606792.2	4122380	0.08954	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606812.2	4122380	0.08558	59.63	59.63	1.5	ANNUAL	SRCGP2	5
606832.2	4122380	0.08185	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606852.2	4122380	0.07838	59.41	59.41	1.5	ANNUAL	SRCGP2	5
606872.2	4122380	0.0751	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606892.2	4122380	0.07206	59.62	59.62	1.5	ANNUAL	SRCGP2	5
605632.2	4122400	0.65831	56.24	56.24	1.5	ANNUAL	SRCGP2	5
605652.2	4122400	0.69069	56.1	56.1	1.5	ANNUAL	SRCGP2	5
605672.2	4122400	0.72151	56.5	56.5	1.5	ANNUAL	SRCGP2	5
605692.2	4122400	0.75132	56.64	56.64	1.5	ANNUAL	SRCGP2	5
605712.2	4122400	0.77933	56.76	56.76	1.5	ANNUAL	SRCGP2	5
605732.2	4122400	0.80355	57.59	57.59	1.5	ANNUAL	SRCGP2	5
605752.2	4122400	0.82272	59.26	59.26	1.5	ANNUAL	SRCGP2	5
605772.2	4122400	0.84213	59.6	59.6	1.5	ANNUAL	SRCGP2	5
605792.2	4122400	0.85972	59.59	59.59	1.5	ANNUAL	SRCGP2	5
605812.2	4122400	0.87458	59.6	59.6	1.5	ANNUAL	SRCGP2	5
605832.2	4122400	0.88703	59.57	59.57	1.5	ANNUAL	SRCGP2	5
605852.2	4122400	0.89693	59.56	59.56	1.5	ANNUAL	SRCGP2	5

605872.2	4122400	0.90312	59.88	59.88	1.5	ANNUAL	SRCGP2	5
605892.2	4122400	0.90868	59.55	59.55	1.5	ANNUAL	SRCGP2	5
605912.2	4122400	0.91246	58.79	59.2	1.5	ANNUAL	SRCGP2	5
605932.2	4122400	0.91462	57.36	57.36	1.5	ANNUAL	SRCGP2	5
606512.2	4122400	0.18977	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606532.2	4122400	0.17672	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606552.2	4122400	0.16506	59.7	59.7	1.5	ANNUAL	SRCGP2	5
606572.2	4122400	0.15467	59.71	59.71	1.5	ANNUAL	SRCGP2	5
606592.2	4122400	0.14548	59.71	59.71	1.5	ANNUAL	SRCGP2	5
606692.2	4122400	0.11117	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606712.2	4122400	0.10563	59.86	59.86	1.5	ANNUAL	SRCGP2	5
606732.2	4122400	0.1005	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606752.2	4122400	0.09576	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606772.2	4122400	0.0913	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606792.2	4122400	0.08713	59.95	59.95	1.5	ANNUAL	SRCGP2	5
606812.2	4122400	0.08332	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606832.2	4122400	0.0797	59.63	59.63	1.5	ANNUAL	SRCGP2	5
605632.2	4122420	0.64822	56.36	56.36	1.5	ANNUAL	SRCGP2	5
605652.2	4122420	0.67552	56.42	56.42	1.5	ANNUAL	SRCGP2	5
605672.2	4122420	0.70113	56.71	56.71	1.5	ANNUAL	SRCGP2	5
605692.2	4122420	0.72537	56.78	56.78	1.5	ANNUAL	SRCGP2	5
605712.2	4122420	0.74761	56.82	56.82	1.5	ANNUAL	SRCGP2	5
605732.2	4122420	0.76633	57.47	57.47	1.5	ANNUAL	SRCGP2	5
605752.2	4122420	0.7798	59.24	59.24	1.5	ANNUAL	SRCGP2	5
605772.2	4122420	0.7938	59.59	59.59	1.5	ANNUAL	SRCGP2	5
605792.2	4122420	0.80645	59.56	59.56	1.5	ANNUAL	SRCGP2	5
605812.2	4122420	0.81701	59.53	59.53	1.5	ANNUAL	SRCGP2	5
605832.2	4122420	0.82599	59.36	59.36	1.5	ANNUAL	SRCGP2	5
605852.2	4122420	0.833	59.19	59.19	1.5	ANNUAL	SRCGP2	5
605872.2	4122420	0.83913	58.56	59.97	1.5	ANNUAL	SRCGP2	5
605892.2	4122420	0.84244	58.02	59.56	1.5	ANNUAL	SRCGP2	5
605912.2	4122420	0.84336	57.26	57.26	1.5	ANNUAL	SRCGP2	5
606452.2	4122420	0.2248	59.4	59.4	1.5	ANNUAL	SRCGP2	5
606472.2	4122420	0.20896	59.54	59.54	1.5	ANNUAL	SRCGP2	5
606492.2	4122420	0.19435	59.67	59.67	1.5	ANNUAL	SRCGP2	5
606512.2	4122420	0.18109	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606532.2	4122420	0.16931	59.29	59.29	1.5	ANNUAL	SRCGP2	5
606552.2	4122420	0.15829	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606632.2	4122420	0.12537	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606652.2	4122420	0.11902	59.81	59.81	1.5	ANNUAL	SRCGP2	5
606672.2	4122420	0.11328	59.57	59.57	1.5	ANNUAL	SRCGP2	5
606692.2	4122420	0.10772	59.86	59.86	1.5	ANNUAL	SRCGP2	5
606712.2	4122420	0.1026	59.77	59.77	1.5	ANNUAL	SRCGP2	5
606732.2	4122420	0.09773	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606752.2	4122420	0.09318	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606772.2	4122420	0.08893	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606852.2	4122420	0.07456	59.41	59.41	1.5	ANNUAL	SRCGP2	5

606872.2	4122420	0.07146	59.51	59.51	1.5	ANNUAL	SRCGP2	5
606892.2	4122420	0.06858	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606912.2	4122420	0.06594	59.15	59.15	1.5	ANNUAL	SRCGP2	5
605632.2	4122440	0.63372	56.46	56.46	1.5	ANNUAL	SRCGP2	5
605652.2	4122440	0.65602	56.76	56.76	1.5	ANNUAL	SRCGP2	5
605672.2	4122440	0.67684	56.96	56.96	1.5	ANNUAL	SRCGP2	5
605692.2	4122440	0.69607	56.98	56.98	1.5	ANNUAL	SRCGP2	5
605712.2	4122440	0.71331	56.95	56.95	1.5	ANNUAL	SRCGP2	5
605732.2	4122440	0.72735	57.48	57.48	1.5	ANNUAL	SRCGP2	5
605752.2	4122440	0.73812	58.5	58.96	1.5	ANNUAL	SRCGP2	5
605772.2	4122440	0.74858	58.64	59.06	1.5	ANNUAL	SRCGP2	5
605792.2	4122440	0.75777	58.54	58.54	1.5	ANNUAL	SRCGP2	5
605812.2	4122440	0.76573	58.29	58.29	1.5	ANNUAL	SRCGP2	5
605832.2	4122440	0.77216	58.03	58.03	1.5	ANNUAL	SRCGP2	5
605852.2	4122440	0.77725	57.63	57.63	1.5	ANNUAL	SRCGP2	5
605872.2	4122440	0.78081	57.03	57.03	1.5	ANNUAL	SRCGP2	5
605892.2	4122440	0.78074	57.01	57.01	1.5	ANNUAL	SRCGP2	5
606452.2	4122440	0.21316	59.7	59.7	1.5	ANNUAL	SRCGP2	5
606472.2	4122440	0.19876	59.64	59.64	1.5	ANNUAL	SRCGP2	5
606492.2	4122440	0.18547	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606552.2	4122440	0.15195	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606612.2	4122440	0.12732	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606632.2	4122440	0.12089	59.79	59.79	1.5	ANNUAL	SRCGP2	5
606652.2	4122440	0.11504	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606672.2	4122440	0.10971	59.45	59.45	1.5	ANNUAL	SRCGP2	5
606692.2	4122440	0.10449	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606712.2	4122440	0.09965	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606732.2	4122440	0.0951	59.85	59.85	1.5	ANNUAL	SRCGP2	5
606812.2	4122440	0.07944	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606832.2	4122440	0.07608	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606852.2	4122440	0.07292	59.51	59.51	1.5	ANNUAL	SRCGP2	5
606872.2	4122440	0.06996	59.4	59.4	1.5	ANNUAL	SRCGP2	5
606892.2	4122440	0.06714	59.43	59.43	1.5	ANNUAL	SRCGP2	5
606912.2	4122440	0.06455	59.09	59.09	1.5	ANNUAL	SRCGP2	5
605632.2	4122460	0.61579	56.44	56.44	1.5	ANNUAL	SRCGP2	5
605652.2	4122460	0.63392	56.68	56.68	1.5	ANNUAL	SRCGP2	5
605672.2	4122460	0.65058	56.74	56.74	1.5	ANNUAL	SRCGP2	5
605692.2	4122460	0.66545	56.75	56.75	1.5	ANNUAL	SRCGP2	5
605712.2	4122460	0.67807	56.95	56.95	1.5	ANNUAL	SRCGP2	5
605732.2	4122460	0.68864	57.23	57.23	1.5	ANNUAL	SRCGP2	5
605752.2	4122460	0.69781	57.28	57.28	1.5	ANNUAL	SRCGP2	5
605772.2	4122460	0.70565	57.22	57.22	1.5	ANNUAL	SRCGP2	5
605792.2	4122460	0.71218	57.15	57.15	1.5	ANNUAL	SRCGP2	5
605812.2	4122460	0.71745	57.11	57.11	1.5	ANNUAL	SRCGP2	5
605832.2	4122460	0.72167	56.95	56.95	1.5	ANNUAL	SRCGP2	5
606392.2	4122460	0.24813	58.98	58.98	1.5	ANNUAL	SRCGP2	5
606412.2	4122460	0.23217	59.13	59.13	1.5	ANNUAL	SRCGP2	5

606432.2	4122460	0.21709	59.33	59.33	1.5	ANNUAL	SRCGP2	5
606552.2	4122460	0.14576	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606572.2	4122460	0.13726	59.86	59.86	1.5	ANNUAL	SRCGP2	5
606592.2	4122460	0.12953	60.06	60.06	1.5	ANNUAL	SRCGP2	5
606612.2	4122460	0.12269	60.12	60.12	1.5	ANNUAL	SRCGP2	5
606632.2	4122460	0.11669	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606652.2	4122460	0.11124	59.67	59.67	1.5	ANNUAL	SRCGP2	5
606672.2	4122460	0.10621	59.54	59.54	1.5	ANNUAL	SRCGP2	5
606752.2	4122460	0.08858	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606772.2	4122460	0.0847	59.72	59.72	1.5	ANNUAL	SRCGP2	5
606792.2	4122460	0.08111	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606812.2	4122460	0.07766	59.77	59.77	1.5	ANNUAL	SRCGP2	5
606832.2	4122460	0.07448	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606852.2	4122460	0.07142	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606872.2	4122460	0.06857	59.41	59.41	1.5	ANNUAL	SRCGP2	5
606892.2	4122460	0.06582	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606912.2	4122460	0.06331	59.15	59.15	1.5	ANNUAL	SRCGP2	5
606332.2	4122480	0.28619	58.58	58.58	1.5	ANNUAL	SRCGP2	5
606352.2	4122480	0.26731	59.06	59.06	1.5	ANNUAL	SRCGP2	5
606372.2	4122480	0.25034	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606392.2	4122480	0.23474	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606412.2	4122480	0.22021	59.08	59.08	1.5	ANNUAL	SRCGP2	5
606432.2	4122480	0.20645	59.12	59.12	1.5	ANNUAL	SRCGP2	5
606452.2	4122480	0.19315	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606472.2	4122480	0.18059	60.03	60.03	1.5	ANNUAL	SRCGP2	5
606512.2	4122480	0.15847	60.22	60.22	1.5	ANNUAL	SRCGP2	5
606532.2	4122480	0.14882	60.18	60.18	1.5	ANNUAL	SRCGP2	5
606552.2	4122480	0.14008	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606572.2	4122480	0.13211	59.99	59.99	1.5	ANNUAL	SRCGP2	5
606592.2	4122480	0.12487	60.09	60.09	1.5	ANNUAL	SRCGP2	5
606612.2	4122480	0.11851	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606672.2	4122480	0.10289	59.49	59.49	1.5	ANNUAL	SRCGP2	5
606692.2	4122480	0.09839	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606712.2	4122480	0.09422	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606732.2	4122480	0.09012	59.91	59.91	1.5	ANNUAL	SRCGP2	5
606752.2	4122480	0.08632	59.82	59.82	1.5	ANNUAL	SRCGP2	5
606772.2	4122480	0.08265	60	60	1.5	ANNUAL	SRCGP2	5
606792.2	4122480	0.07922	59.96	59.96	1.5	ANNUAL	SRCGP2	5
606812.2	4122480	0.07597	59.93	59.93	1.5	ANNUAL	SRCGP2	5
606832.2	4122480	0.07295	59.6	59.6	1.5	ANNUAL	SRCGP2	5
606852.2	4122480	0.07003	59.66	59.66	1.5	ANNUAL	SRCGP2	5
606872.2	4122480	0.06728	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606892.2	4122480	0.06464	59.53	59.53	1.5	ANNUAL	SRCGP2	5
606912.2	4122480	0.06218	59.25	59.25	1.5	ANNUAL	SRCGP2	5
606332.2	4122500	0.26956	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606372.2	4122500	0.23695	59.23	59.23	1.5	ANNUAL	SRCGP2	5
606392.2	4122500	0.22269	59.06	59.06	1.5	ANNUAL	SRCGP2	5

606412.2	4122500	0.20925	59.06	59.06	1.5	ANNUAL	SRCGP2	5
606432.2	4122500	0.19661	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606472.2	4122500	0.17266	59.97	59.97	1.5	ANNUAL	SRCGP2	5
606492.2	4122500	0.16194	60.12	60.12	1.5	ANNUAL	SRCGP2	5
606512.2	4122500	0.15219	59.9	59.9	1.5	ANNUAL	SRCGP2	5
606532.2	4122500	0.14326	59.62	59.62	1.5	ANNUAL	SRCGP2	5
606632.2	4122500	0.10905	59.6	59.6	1.5	ANNUAL	SRCGP2	5
606652.2	4122500	0.10411	59.7	59.7	1.5	ANNUAL	SRCGP2	5
606672.2	4122500	0.0996	59.82	59.82	1.5	ANNUAL	SRCGP2	5
606692.2	4122500	0.09544	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606712.2	4122500	0.09151	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606732.2	4122500	0.08777	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606752.2	4122500	0.08413	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606772.2	4122500	0.08072	59.95	59.95	1.5	ANNUAL	SRCGP2	5
606792.2	4122500	0.07751	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606812.2	4122500	0.07439	59.82	59.82	1.5	ANNUAL	SRCGP2	5
606832.2	4122500	0.07148	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606852.2	4122500	0.06872	59.45	59.45	1.5	ANNUAL	SRCGP2	5
606872.2	4122500	0.06606	59.53	59.53	1.5	ANNUAL	SRCGP2	5
606892.2	4122500	0.06352	59.62	59.62	1.5	ANNUAL	SRCGP2	5
606912.2	4122500	0.06114	59.34	59.34	1.5	ANNUAL	SRCGP2	5
606272.2	4122520	0.30722	58.54	58.54	1.5	ANNUAL	SRCGP2	5
606292.2	4122520	0.28886	59.05	59.05	1.5	ANNUAL	SRCGP2	5
606392.2	4122520	0.21158	59.17	59.17	1.5	ANNUAL	SRCGP2	5
606412.2	4122520	0.19917	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606432.2	4122520	0.18742	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606472.2	4122520	0.16543	59.65	59.65	1.5	ANNUAL	SRCGP2	5
606552.2	4122520	0.13007	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606572.2	4122520	0.12295	59.52	59.52	1.5	ANNUAL	SRCGP2	5
606592.2	4122520	0.1165	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606612.2	4122520	0.1107	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606632.2	4122520	0.1055	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606652.2	4122520	0.10083	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606672.2	4122520	0.0965	59.96	59.96	1.5	ANNUAL	SRCGP2	5
606692.2	4122520	0.09257	60.11	60.11	1.5	ANNUAL	SRCGP2	5
606712.2	4122520	0.08893	59.95	59.95	1.5	ANNUAL	SRCGP2	5
606732.2	4122520	0.0855	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606752.2	4122520	0.08207	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606772.2	4122520	0.07888	59.63	59.63	1.5	ANNUAL	SRCGP2	5
606792.2	4122520	0.07582	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606812.2	4122520	0.07289	59.39	59.39	1.5	ANNUAL	SRCGP2	5
606832.2	4122520	0.07007	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606852.2	4122520	0.06742	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606872.2	4122520	0.06487	59.64	59.64	1.5	ANNUAL	SRCGP2	5
606892.2	4122520	0.06243	59.76	59.76	1.5	ANNUAL	SRCGP2	5
606272.2	4122540	0.28879	59	59	1.5	ANNUAL	SRCGP2	5
606292.2	4122540	0.27251	59.09	59.09	1.5	ANNUAL	SRCGP2	5

606312.2	4122540	0.25675	58.98	58.98	1.5	ANNUAL	SRCGP2	5
606332.2	4122540	0.2417	58.82	58.82	1.5	ANNUAL	SRCGP2	5
606352.2	4122540	0.22718	59.17	59.17	1.5	ANNUAL	SRCGP2	5
606372.2	4122540	0.21387	59.19	59.19	1.5	ANNUAL	SRCGP2	5
606392.2	4122540	0.20152	59.14	59.14	1.5	ANNUAL	SRCGP2	5
606412.2	4122540	0.18995	59.1	59.1	1.5	ANNUAL	SRCGP2	5
606432.2	4122540	0.17898	59.15	59.15	1.5	ANNUAL	SRCGP2	5
606492.2	4122540	0.14946	59.26	59.26	1.5	ANNUAL	SRCGP2	5
606512.2	4122540	0.14073	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606532.2	4122540	0.13275	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606552.2	4122540	0.12536	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606572.2	4122540	0.11869	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606592.2	4122540	0.11257	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606612.2	4122540	0.10697	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606632.2	4122540	0.10213	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606652.2	4122540	0.09764	59.65	59.65	1.5	ANNUAL	SRCGP2	5
606672.2	4122540	0.09363	59.68	59.68	1.5	ANNUAL	SRCGP2	5
606692.2	4122540	0.08992	59.81	59.81	1.5	ANNUAL	SRCGP2	5
606712.2	4122540	0.08648	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606732.2	4122540	0.08327	59.44	59.44	1.5	ANNUAL	SRCGP2	5
606752.2	4122540	0.0801	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606772.2	4122540	0.07705	59.52	59.52	1.5	ANNUAL	SRCGP2	5
606792.2	4122540	0.07412	59.6	59.6	1.5	ANNUAL	SRCGP2	5
606812.2	4122540	0.07134	59.46	59.46	1.5	ANNUAL	SRCGP2	5
606832.2	4122540	0.06866	59.67	59.67	1.5	ANNUAL	SRCGP2	5
606852.2	4122540	0.06613	59.64	59.64	1.5	ANNUAL	SRCGP2	5
606872.2	4122540	0.06372	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606892.2	4122540	0.06141	59.59	59.59	1.5	ANNUAL	SRCGP2	5
605632.2	4122560	0.5004	56.47	56.47	1.5	ANNUAL	SRCGP2	5
605652.2	4122560	0.5049	56.51	56.51	1.5	ANNUAL	SRCGP2	5
605672.2	4122560	0.5084	56.69	56.69	1.5	ANNUAL	SRCGP2	5
605692.2	4122560	0.51149	56.62	56.62	1.5	ANNUAL	SRCGP2	5
605712.2	4122560	0.51403	56.64	56.64	1.5	ANNUAL	SRCGP2	5
605732.2	4122560	0.51624	56.66	56.66	1.5	ANNUAL	SRCGP2	5
605752.2	4122560	0.51821	56.66	56.66	1.5	ANNUAL	SRCGP2	5
605772.2	4122560	0.51971	56.76	56.76	1.5	ANNUAL	SRCGP2	5
605792.2	4122560	0.5208	56.72	56.72	1.5	ANNUAL	SRCGP2	5
605812.2	4122560	0.5209	56.79	56.79	1.5	ANNUAL	SRCGP2	5
605832.2	4122560	0.51987	56.82	56.82	1.5	ANNUAL	SRCGP2	5
605852.2	4122560	0.51751	56.81	56.81	1.5	ANNUAL	SRCGP2	5
606292.2	4122560	0.25778	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606312.2	4122560	0.2433	58.96	58.96	1.5	ANNUAL	SRCGP2	5
606332.2	4122560	0.22943	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606352.2	4122560	0.21624	58.98	58.98	1.5	ANNUAL	SRCGP2	5
606492.2	4122560	0.14361	59.36	59.36	1.5	ANNUAL	SRCGP2	5
606512.2	4122560	0.13545	59.54	59.54	1.5	ANNUAL	SRCGP2	5
606532.2	4122560	0.12798	59.41	59.41	1.5	ANNUAL	SRCGP2	5

606552.2	4122560	0.12097	59.67	59.67	1.5	ANNUAL	SRCGP2	5
606572.2	4122560	0.11458	59.79	59.79	1.5	ANNUAL	SRCGP2	5
606592.2	4122560	0.10879	59.77	59.77	1.5	ANNUAL	SRCGP2	5
606612.2	4122560	0.10352	59.87	59.87	1.5	ANNUAL	SRCGP2	5
606632.2	4122560	0.09891	59.45	59.45	1.5	ANNUAL	SRCGP2	5
606652.2	4122560	0.09464	59.63	59.63	1.5	ANNUAL	SRCGP2	5
606672.2	4122560	0.09084	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606692.2	4122560	0.08735	59.63	59.63	1.5	ANNUAL	SRCGP2	5
606712.2	4122560	0.08412	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606732.2	4122560	0.08102	59.7	59.7	1.5	ANNUAL	SRCGP2	5
606752.2	4122560	0.07806	59.71	59.71	1.5	ANNUAL	SRCGP2	5
606772.2	4122560	0.07522	59.65	59.65	1.5	ANNUAL	SRCGP2	5
606792.2	4122560	0.07244	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606812.2	4122560	0.06981	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606832.2	4122560	0.06729	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606852.2	4122560	0.06487	59.66	59.66	1.5	ANNUAL	SRCGP2	5
606872.2	4122560	0.06258	59.58	59.58	1.5	ANNUAL	SRCGP2	5
605632.2	4122580	0.4769	56.22	56.22	1.5	ANNUAL	SRCGP2	5
605652.2	4122580	0.48008	56.26	56.26	1.5	ANNUAL	SRCGP2	5
605672.2	4122580	0.48256	56.39	56.39	1.5	ANNUAL	SRCGP2	5
605692.2	4122580	0.48485	56.29	56.29	1.5	ANNUAL	SRCGP2	5
605712.2	4122580	0.48672	56.36	56.36	1.5	ANNUAL	SRCGP2	5
605732.2	4122580	0.48852	56.33	56.33	1.5	ANNUAL	SRCGP2	5
605752.2	4122580	0.49007	56.33	56.33	1.5	ANNUAL	SRCGP2	5
605772.2	4122580	0.4911	56.48	56.48	1.5	ANNUAL	SRCGP2	5
605792.2	4122580	0.4916	56.51	56.51	1.5	ANNUAL	SRCGP2	5
605812.2	4122580	0.49119	56.51	56.51	1.5	ANNUAL	SRCGP2	5
605832.2	4122580	0.48953	56.56	56.56	1.5	ANNUAL	SRCGP2	5
605852.2	4122580	0.48658	56.58	56.58	1.5	ANNUAL	SRCGP2	5
605872.2	4122580	0.48228	56.62	56.62	1.5	ANNUAL	SRCGP2	5
605892.2	4122580	0.47684	56.62	56.62	1.5	ANNUAL	SRCGP2	5
605912.2	4122580	0.47042	56.61	56.61	1.5	ANNUAL	SRCGP2	5
605932.2	4122580	0.46317	56.61	56.61	1.5	ANNUAL	SRCGP2	5
606252.2	4122580	0.27089	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606272.2	4122580	0.25747	59.03	59.03	1.5	ANNUAL	SRCGP2	5
606292.2	4122580	0.24409	59.03	59.03	1.5	ANNUAL	SRCGP2	5
606312.2	4122580	0.23087	59.1	59.1	1.5	ANNUAL	SRCGP2	5
606472.2	4122580	0.14627	59.36	59.36	1.5	ANNUAL	SRCGP2	5
606492.2	4122580	0.13812	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606512.2	4122580	0.13045	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606532.2	4122580	0.1235	59.36	59.36	1.5	ANNUAL	SRCGP2	5
606552.2	4122580	0.1168	59.85	59.85	1.5	ANNUAL	SRCGP2	5
606572.2	4122580	0.11077	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606592.2	4122580	0.10526	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606612.2	4122580	0.10035	59.51	59.51	1.5	ANNUAL	SRCGP2	5
606632.2	4122580	0.09584	59.52	59.52	1.5	ANNUAL	SRCGP2	5
606652.2	4122580	0.09178	59.54	59.54	1.5	ANNUAL	SRCGP2	5

606672.2	4122580	0.08815	59.56	59.56	1.5	ANNUAL	SRCGP2	5
606692.2	4122580	0.08479	59.83	59.83	1.5	ANNUAL	SRCGP2	5
606712.2	4122580	0.08176	59.75	59.75	1.5	ANNUAL	SRCGP2	5
606732.2	4122580	0.07889	59.65	59.65	1.5	ANNUAL	SRCGP2	5
606752.2	4122580	0.07613	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606772.2	4122580	0.07347	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606792.2	4122580	0.07087	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606812.2	4122580	0.06834	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606832.2	4122580	0.06594	59.53	59.53	1.5	ANNUAL	SRCGP2	5
606852.2	4122580	0.06364	59.6	59.6	1.5	ANNUAL	SRCGP2	5
606992.2	4122580	0.04994	59.46	59.46	1.5	ANNUAL	SRCGP2	5
607012.2	4122580	0.04827	59.39	59.39	1.5	ANNUAL	SRCGP2	5
607032.2	4122580	0.04665	59.45	59.45	1.5	ANNUAL	SRCGP2	5
607052.2	4122580	0.04516	58.85	58.85	1.5	ANNUAL	SRCGP2	5
605932.2	4122600	0.43452	56.42	56.42	1.5	ANNUAL	SRCGP2	5
606252.2	4122600	0.25602	58.95	58.95	1.5	ANNUAL	SRCGP2	5
606272.2	4122600	0.24363	59.29	59.29	1.5	ANNUAL	SRCGP2	5
606292.2	4122600	0.23149	59.23	59.23	1.5	ANNUAL	SRCGP2	5
606312.2	4122600	0.21954	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606412.2	4122600	0.16646	59.03	59.03	1.5	ANNUAL	SRCGP2	5
606432.2	4122600	0.15743	59.02	59.02	1.5	ANNUAL	SRCGP2	5
606452.2	4122600	0.14886	59.07	59.07	1.5	ANNUAL	SRCGP2	5
606472.2	4122600	0.14079	59.05	59.05	1.5	ANNUAL	SRCGP2	5
606492.2	4122600	0.13305	59.45	59.45	1.5	ANNUAL	SRCGP2	5
606512.2	4122600	0.12591	59.44	59.44	1.5	ANNUAL	SRCGP2	5
606532.2	4122600	0.11923	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606552.2	4122600	0.11306	59.43	59.43	1.5	ANNUAL	SRCGP2	5
606572.2	4122600	0.10736	59.31	59.31	1.5	ANNUAL	SRCGP2	5
606592.2	4122600	0.10205	59.49	59.49	1.5	ANNUAL	SRCGP2	5
606612.2	4122600	0.09726	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606632.2	4122600	0.09293	59.55	59.55	1.5	ANNUAL	SRCGP2	5
606652.2	4122600	0.08906	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606672.2	4122600	0.08556	59.59	59.59	1.5	ANNUAL	SRCGP2	5
606692.2	4122600	0.08237	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606712.2	4122600	0.07957	59.35	59.35	1.5	ANNUAL	SRCGP2	5
606992.2	4122600	0.04933	59.59	59.59	1.5	ANNUAL	SRCGP2	5
607012.2	4122600	0.04769	59.66	59.66	1.5	ANNUAL	SRCGP2	5
607032.2	4122600	0.04612	59.69	59.69	1.5	ANNUAL	SRCGP2	5
607052.2	4122600	0.04469	58.78	58.78	1.5	ANNUAL	SRCGP2	5
605632.2	4122620	0.43187	56.39	56.39	1.5	ANNUAL	SRCGP2	5
605652.2	4122620	0.43347	56.39	56.39	1.5	ANNUAL	SRCGP2	5
605672.2	4122620	0.43481	56.48	56.48	1.5	ANNUAL	SRCGP2	5
605692.2	4122620	0.43618	56.45	56.45	1.5	ANNUAL	SRCGP2	5
605712.2	4122620	0.43759	56.35	56.35	1.5	ANNUAL	SRCGP2	5
605752.2	4122620	0.43992	56.02	56.02	1.5	ANNUAL	SRCGP2	5
605772.2	4122620	0.44023	56.24	56.24	1.5	ANNUAL	SRCGP2	5
605792.2	4122620	0.43973	56.3	56.3	1.5	ANNUAL	SRCGP2	5

605812.2	4122620	0.43819	56.37	56.37	1.5	ANNUAL	SRCGP2	5
605832.2	4122620	0.43551	56.42	56.42	1.5	ANNUAL	SRCGP2	5
605852.2	4122620	0.43175	56.4	56.4	1.5	ANNUAL	SRCGP2	5
605872.2	4122620	0.427	56.37	56.37	1.5	ANNUAL	SRCGP2	5
605892.2	4122620	0.42144	56.32	56.32	1.5	ANNUAL	SRCGP2	5
605932.2	4122620	0.40829	56.38	56.38	1.5	ANNUAL	SRCGP2	5
606232.2	4122620	0.25337	58.93	58.93	1.5	ANNUAL	SRCGP2	5
606252.2	4122620	0.24238	59.02	59.02	1.5	ANNUAL	SRCGP2	5
606272.2	4122620	0.23122	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606292.2	4122620	0.22005	59.18	59.18	1.5	ANNUAL	SRCGP2	5
606312.2	4122620	0.20912	59.06	59.06	1.5	ANNUAL	SRCGP2	5
606352.2	4122620	0.18809	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606372.2	4122620	0.17821	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606412.2	4122620	0.15982	58.93	58.93	1.5	ANNUAL	SRCGP2	5
606432.2	4122620	0.15134	58.82	58.82	1.5	ANNUAL	SRCGP2	5
606452.2	4122620	0.14334	58.61	58.61	1.5	ANNUAL	SRCGP2	5
606472.2	4122620	0.13569	58.66	58.66	1.5	ANNUAL	SRCGP2	5
606492.2	4122620	0.12828	59.41	59.41	1.5	ANNUAL	SRCGP2	5
606512.2	4122620	0.1215	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606532.2	4122620	0.11523	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606552.2	4122620	0.10941	59.4	59.4	1.5	ANNUAL	SRCGP2	5
606572.2	4122620	0.10396	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606592.2	4122620	0.09895	59.4	59.4	1.5	ANNUAL	SRCGP2	5
606612.2	4122620	0.09437	59.34	59.34	1.5	ANNUAL	SRCGP2	5
606632.2	4122620	0.09021	59.39	59.39	1.5	ANNUAL	SRCGP2	5
606652.2	4122620	0.08648	59.34	59.34	1.5	ANNUAL	SRCGP2	5
606672.2	4122620	0.08307	59.73	59.73	1.5	ANNUAL	SRCGP2	5
606692.2	4122620	0.08019	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606992.2	4122620	0.04872	59.57	59.57	1.5	ANNUAL	SRCGP2	5
607012.2	4122620	0.04714	59.71	59.71	1.5	ANNUAL	SRCGP2	5
607032.2	4122620	0.04563	59.74	59.74	1.5	ANNUAL	SRCGP2	5
607052.2	4122620	0.04418	59.48	59.48	1.5	ANNUAL	SRCGP2	5
605632.2	4122640	0.41125	56.2	56.2	1.5	ANNUAL	SRCGP2	5
605652.2	4122640	0.41236	56.31	56.31	1.5	ANNUAL	SRCGP2	5
605672.2	4122640	0.41345	56.4	56.4	1.5	ANNUAL	SRCGP2	5
605692.2	4122640	0.41467	56.35	56.35	1.5	ANNUAL	SRCGP2	5
605712.2	4122640	0.41585	56.35	56.35	1.5	ANNUAL	SRCGP2	5
605752.2	4122640	0.41766	56.05	56.05	1.5	ANNUAL	SRCGP2	5
605772.2	4122640	0.41752	56.3	56.3	1.5	ANNUAL	SRCGP2	5
605792.2	4122640	0.41653	56.39	56.39	1.5	ANNUAL	SRCGP2	5
605812.2	4122640	0.41445	56.55	56.55	1.5	ANNUAL	SRCGP2	5
605832.2	4122640	0.41141	56.54	56.54	1.5	ANNUAL	SRCGP2	5
605852.2	4122640	0.40737	56.52	56.52	1.5	ANNUAL	SRCGP2	5
605872.2	4122640	0.40235	56.68	56.68	1.5	ANNUAL	SRCGP2	5
605892.2	4122640	0.39691	56.51	56.51	1.5	ANNUAL	SRCGP2	5
605932.2	4122640	0.38434	56.32	56.32	1.5	ANNUAL	SRCGP2	5
606232.2	4122640	0.23991	59.03	59.03	1.5	ANNUAL	SRCGP2	5

606252.2	4122640	0.22988	59.05	59.05	1.5	ANNUAL	SRCGP2	5
606272.2	4122640	0.21971	59.07	59.07	1.5	ANNUAL	SRCGP2	5
606292.2	4122640	0.20951	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606312.2	4122640	0.19949	59.03	59.03	1.5	ANNUAL	SRCGP2	5
606352.2	4122640	0.18013	58.98	58.98	1.5	ANNUAL	SRCGP2	5
606412.2	4122640	0.15366	58.87	58.87	1.5	ANNUAL	SRCGP2	5
606432.2	4122640	0.14564	58.74	58.74	1.5	ANNUAL	SRCGP2	5
606452.2	4122640	0.13801	58.67	58.67	1.5	ANNUAL	SRCGP2	5
606472.2	4122640	0.13077	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606492.2	4122640	0.12388	59.12	59.12	1.5	ANNUAL	SRCGP2	5
606512.2	4122640	0.11746	59.4	59.4	1.5	ANNUAL	SRCGP2	5
606532.2	4122640	0.11146	59.61	59.61	1.5	ANNUAL	SRCGP2	5
606552.2	4122640	0.106	59.29	59.29	1.5	ANNUAL	SRCGP2	5
606572.2	4122640	0.10078	59.46	59.46	1.5	ANNUAL	SRCGP2	5
606592.2	4122640	0.09602	59.33	59.33	1.5	ANNUAL	SRCGP2	5
606612.2	4122640	0.09158	59.48	59.48	1.5	ANNUAL	SRCGP2	5
606632.2	4122640	0.08763	59.24	59.24	1.5	ANNUAL	SRCGP2	5
606652.2	4122640	0.084	59.35	59.35	1.5	ANNUAL	SRCGP2	5
606672.2	4122640	0.08087	58.82	58.82	1.5	ANNUAL	SRCGP2	5
606732.2	4122640	0.07296	58.7	58.7	1.5	ANNUAL	SRCGP2	5
606752.2	4122640	0.07067	58.71	58.71	1.5	ANNUAL	SRCGP2	5
606772.2	4122640	0.06846	58.71	58.71	1.5	ANNUAL	SRCGP2	5
606852.2	4122640	0.06012	58.74	58.74	1.5	ANNUAL	SRCGP2	5
606872.2	4122640	0.05821	58.68	58.68	1.5	ANNUAL	SRCGP2	5
606992.2	4122640	0.0481	59.6	59.6	1.5	ANNUAL	SRCGP2	5
607012.2	4122640	0.04659	59.74	59.74	1.5	ANNUAL	SRCGP2	5
607032.2	4122640	0.04513	59.77	59.77	1.5	ANNUAL	SRCGP2	5
607052.2	4122640	0.04372	59.79	59.79	1.5	ANNUAL	SRCGP2	5
605632.2	4122660	0.39178	55.89	55.89	1.5	ANNUAL	SRCGP2	5
605652.2	4122660	0.39275	56.02	56.02	1.5	ANNUAL	SRCGP2	5
605672.2	4122660	0.39379	56.08	56.08	1.5	ANNUAL	SRCGP2	5
605692.2	4122660	0.39488	56.11	56.11	1.5	ANNUAL	SRCGP2	5
605712.2	4122660	0.39593	56.06	56.06	1.5	ANNUAL	SRCGP2	5
605752.2	4122660	0.39705	55.86	55.86	1.5	ANNUAL	SRCGP2	5
605772.2	4122660	0.3966	56.09	56.09	1.5	ANNUAL	SRCGP2	5
605792.2	4122660	0.39521	56.18	56.18	1.5	ANNUAL	SRCGP2	5
605812.2	4122660	0.39268	56.38	56.38	1.5	ANNUAL	SRCGP2	5
605832.2	4122660	0.38937	56.3	56.3	1.5	ANNUAL	SRCGP2	5
605852.2	4122660	0.38506	56.39	56.39	1.5	ANNUAL	SRCGP2	5
605872.2	4122660	0.37998	56.58	56.58	1.5	ANNUAL	SRCGP2	5
605892.2	4122660	0.37451	56.56	56.56	1.5	ANNUAL	SRCGP2	5
605932.2	4122660	0.36239	56.27	56.27	1.5	ANNUAL	SRCGP2	5
606252.2	4122660	0.21841	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606272.2	4122660	0.20906	59.11	59.11	1.5	ANNUAL	SRCGP2	5
606292.2	4122660	0.19974	59.09	59.09	1.5	ANNUAL	SRCGP2	5
606312.2	4122660	0.19055	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606352.2	4122660	0.17272	58.96	58.96	1.5	ANNUAL	SRCGP2	5

606412.2	4122660	0.14792	58.88	58.88	1.5	ANNUAL	SRCGP2	5
606432.2	4122660	0.14029	58.82	58.82	1.5	ANNUAL	SRCGP2	5
606452.2	4122660	0.13298	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606472.2	4122660	0.12616	58.85	58.85	1.5	ANNUAL	SRCGP2	5
606492.2	4122660	0.11976	58.76	58.76	1.5	ANNUAL	SRCGP2	5
606512.2	4122660	0.11356	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606532.2	4122660	0.10794	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606552.2	4122660	0.10269	59.47	59.47	1.5	ANNUAL	SRCGP2	5
606572.2	4122660	0.09785	59.13	59.13	1.5	ANNUAL	SRCGP2	5
606592.2	4122660	0.09323	59.29	59.29	1.5	ANNUAL	SRCGP2	5
606612.2	4122660	0.08901	59.25	59.25	1.5	ANNUAL	SRCGP2	5
606632.2	4122660	0.08516	59.24	59.24	1.5	ANNUAL	SRCGP2	5
606652.2	4122660	0.08164	59.44	59.44	1.5	ANNUAL	SRCGP2	5
606672.2	4122660	0.07863	58.79	58.79	1.5	ANNUAL	SRCGP2	5
606712.2	4122660	0.07337	58.53	58.53	1.5	ANNUAL	SRCGP2	5
606732.2	4122660	0.07105	58.72	58.72	1.5	ANNUAL	SRCGP2	5
606752.2	4122660	0.06888	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606772.2	4122660	0.06681	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606792.2	4122660	0.06479	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606832.2	4122660	0.06085	58.78	58.78	1.5	ANNUAL	SRCGP2	5
606852.2	4122660	0.05895	58.78	58.78	1.5	ANNUAL	SRCGP2	5
606872.2	4122660	0.0571	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606892.2	4122660	0.05534	58.96	58.96	1.5	ANNUAL	SRCGP2	5
606992.2	4122660	0.04746	59.64	59.64	1.5	ANNUAL	SRCGP2	5
607012.2	4122660	0.04602	59.77	59.77	1.5	ANNUAL	SRCGP2	5
607032.2	4122660	0.04463	59.77	59.77	1.5	ANNUAL	SRCGP2	5
605632.2	4122680	0.37357	55.67	55.67	1.5	ANNUAL	SRCGP2	5
605652.2	4122680	0.37445	55.72	55.72	1.5	ANNUAL	SRCGP2	5
605672.2	4122680	0.37544	55.77	55.77	1.5	ANNUAL	SRCGP2	5
605852.2	4122680	0.36452	56.07	56.07	1.5	ANNUAL	SRCGP2	5
605872.2	4122680	0.35927	56.62	56.62	1.5	ANNUAL	SRCGP2	5
605892.2	4122680	0.35383	56.71	56.71	1.5	ANNUAL	SRCGP2	5
605932.2	4122680	0.34221	56.25	56.25	1.5	ANNUAL	SRCGP2	5
605952.2	4122680	0.33528	56.78	56.78	1.5	ANNUAL	SRCGP2	5
605972.2	4122680	0.328	57.09	57.09	1.5	ANNUAL	SRCGP2	5
606252.2	4122680	0.20781	59.09	59.09	1.5	ANNUAL	SRCGP2	5
606272.2	4122680	0.19925	59.09	59.09	1.5	ANNUAL	SRCGP2	5
606312.2	4122680	0.18224	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606352.2	4122680	0.16579	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606372.2	4122680	0.15785	58.95	58.95	1.5	ANNUAL	SRCGP2	5
606392.2	4122680	0.15016	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606412.2	4122680	0.14254	58.99	58.99	1.5	ANNUAL	SRCGP2	5
606432.2	4122680	0.13531	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606452.2	4122680	0.12839	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606472.2	4122680	0.12188	58.86	58.86	1.5	ANNUAL	SRCGP2	5
606492.2	4122680	0.1158	58.74	58.74	1.5	ANNUAL	SRCGP2	5
606512.2	4122680	0.10992	59.44	59.44	1.5	ANNUAL	SRCGP2	5

606532.2	4122680	0.10462	59.32	59.32	1.5	ANNUAL	SRCGP2	5
606552.2	4122680	0.09962	59.38	59.38	1.5	ANNUAL	SRCGP2	5
606572.2	4122680	0.09505	58.86	58.86	1.5	ANNUAL	SRCGP2	5
606592.2	4122680	0.09064	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606612.2	4122680	0.08655	59.19	59.19	1.5	ANNUAL	SRCGP2	5
606632.2	4122680	0.08278	59.44	59.44	1.5	ANNUAL	SRCGP2	5
606652.2	4122680	0.07942	59.36	59.36	1.5	ANNUAL	SRCGP2	5
606732.2	4122680	0.0692	58.66	58.66	1.5	ANNUAL	SRCGP2	5
606752.2	4122680	0.06715	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606772.2	4122680	0.06521	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606792.2	4122680	0.06331	58.73	58.73	1.5	ANNUAL	SRCGP2	5
606812.2	4122680	0.06145	58.76	58.76	1.5	ANNUAL	SRCGP2	5
606832.2	4122680	0.0596	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606852.2	4122680	0.05778	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606872.2	4122680	0.05603	59.05	59.05	1.5	ANNUAL	SRCGP2	5
606892.2	4122680	0.05436	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606992.2	4122680	0.04682	59.57	59.57	1.5	ANNUAL	SRCGP2	5
607012.2	4122680	0.04545	59.61	59.61	1.5	ANNUAL	SRCGP2	5
607032.2	4122680	0.04412	59.7	59.7	1.5	ANNUAL	SRCGP2	5
605632.2	4122700	0.35662	56.12	56.12	1.5	ANNUAL	SRCGP2	5
605652.2	4122700	0.35749	56.16	56.16	1.5	ANNUAL	SRCGP2	5
605672.2	4122700	0.35843	56.22	56.22	1.5	ANNUAL	SRCGP2	5
605692.2	4122700	0.35939	56.22	56.22	1.5	ANNUAL	SRCGP2	5
605712.2	4122700	0.36009	56.25	56.25	1.5	ANNUAL	SRCGP2	5
605752.2	4122700	0.36001	56.02	56.02	1.5	ANNUAL	SRCGP2	5
605772.2	4122700	0.35874	56.04	56.04	1.5	ANNUAL	SRCGP2	5
605792.2	4122700	0.35657	56.11	56.11	1.5	ANNUAL	SRCGP2	5
605812.2	4122700	0.35353	56.14	56.14	1.5	ANNUAL	SRCGP2	5
605852.2	4122700	0.34533	56.07	56.07	1.5	ANNUAL	SRCGP2	5
605872.2	4122700	0.34016	56.63	56.63	1.5	ANNUAL	SRCGP2	5
605892.2	4122700	0.33482	56.78	56.78	1.5	ANNUAL	SRCGP2	5
605932.2	4122700	0.32364	56.22	56.22	1.5	ANNUAL	SRCGP2	5
605952.2	4122700	0.31697	56.78	56.78	1.5	ANNUAL	SRCGP2	5
605972.2	4122700	0.30985	57.33	57.33	1.5	ANNUAL	SRCGP2	5
605992.2	4122700	0.30253	57.38	57.38	1.5	ANNUAL	SRCGP2	5
606012.2	4122700	0.29476	57.36	57.36	1.5	ANNUAL	SRCGP2	5
606032.2	4122700	0.28644	57.56	57.56	1.5	ANNUAL	SRCGP2	5
606112.2	4122700	0.25202	58.46	58.46	1.5	ANNUAL	SRCGP2	5
606132.2	4122700	0.24376	58.93	58.93	1.5	ANNUAL	SRCGP2	5
606412.2	4122700	0.13756	59	59	1.5	ANNUAL	SRCGP2	5
606432.2	4122700	0.13069	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606452.2	4122700	0.1241	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606472.2	4122700	0.11786	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606492.2	4122700	0.11204	58.86	58.86	1.5	ANNUAL	SRCGP2	5
606512.2	4122700	0.10656	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606532.2	4122700	0.10144	59.29	59.29	1.5	ANNUAL	SRCGP2	5
606552.2	4122700	0.09674	59.11	59.11	1.5	ANNUAL	SRCGP2	5

606572.2	4122700	0.09234	58.83	58.83	1.5	ANNUAL	SRCGP2	5
606592.2	4122700	0.08811	59.12	59.12	1.5	ANNUAL	SRCGP2	5
606612.2	4122700	0.0842	59.25	59.25	1.5	ANNUAL	SRCGP2	5
606632.2	4122700	0.0806	59.26	59.26	1.5	ANNUAL	SRCGP2	5
606652.2	4122700	0.07732	59.33	59.33	1.5	ANNUAL	SRCGP2	5
606732.2	4122700	0.0674	58.72	58.72	1.5	ANNUAL	SRCGP2	5
606752.2	4122700	0.06546	58.72	58.72	1.5	ANNUAL	SRCGP2	5
606772.2	4122700	0.06364	58.69	58.69	1.5	ANNUAL	SRCGP2	5
606792.2	4122700	0.06186	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606812.2	4122700	0.0601	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606832.2	4122700	0.05836	59.08	59.08	1.5	ANNUAL	SRCGP2	5
606852.2	4122700	0.05665	59.14	59.14	1.5	ANNUAL	SRCGP2	5
606872.2	4122700	0.055	58.97	58.97	1.5	ANNUAL	SRCGP2	5
605632.2	4122720	0.34093	55.87	55.87	1.5	ANNUAL	SRCGP2	5
605652.2	4122720	0.34183	55.98	55.98	1.5	ANNUAL	SRCGP2	5
605672.2	4122720	0.34278	56.08	56.08	1.5	ANNUAL	SRCGP2	5
605692.2	4122720	0.34352	56.34	56.34	1.5	ANNUAL	SRCGP2	5
605712.2	4122720	0.34407	56.25	56.25	1.5	ANNUAL	SRCGP2	5
605752.2	4122720	0.34327	56.1	56.1	1.5	ANNUAL	SRCGP2	5
605812.2	4122720	0.33571	56.43	56.43	1.5	ANNUAL	SRCGP2	5
605872.2	4122720	0.32249	56.64	56.64	1.5	ANNUAL	SRCGP2	5
605892.2	4122720	0.31728	56.83	56.83	1.5	ANNUAL	SRCGP2	5
605952.2	4122720	0.30003	56.89	56.89	1.5	ANNUAL	SRCGP2	5
605972.2	4122720	0.29326	57.38	57.38	1.5	ANNUAL	SRCGP2	5
605992.2	4122720	0.28633	57.37	57.37	1.5	ANNUAL	SRCGP2	5
606112.2	4122720	0.23901	58.4	58.4	1.5	ANNUAL	SRCGP2	5
606132.2	4122720	0.23124	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606152.2	4122720	0.2241	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606172.2	4122720	0.21719	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606192.2	4122720	0.21041	58.65	58.65	1.5	ANNUAL	SRCGP2	5
606212.2	4122720	0.20345	58.68	58.68	1.5	ANNUAL	SRCGP2	5
606232.2	4122720	0.19632	58.79	58.79	1.5	ANNUAL	SRCGP2	5
606252.2	4122720	0.18902	59	59	1.5	ANNUAL	SRCGP2	5
606272.2	4122720	0.18171	59.09	59.09	1.5	ANNUAL	SRCGP2	5
606292.2	4122720	0.17448	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606312.2	4122720	0.16732	58.95	58.95	1.5	ANNUAL	SRCGP2	5
606352.2	4122720	0.15334	58.82	58.82	1.5	ANNUAL	SRCGP2	5
606372.2	4122720	0.14649	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606412.2	4122720	0.13289	59.02	59.02	1.5	ANNUAL	SRCGP2	5
606432.2	4122720	0.12637	58.95	58.95	1.5	ANNUAL	SRCGP2	5
606452.2	4122720	0.12008	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606472.2	4122720	0.11411	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606492.2	4122720	0.10857	58.71	58.71	1.5	ANNUAL	SRCGP2	5
606512.2	4122720	0.10332	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606532.2	4122720	0.09845	59.14	59.14	1.5	ANNUAL	SRCGP2	5
606552.2	4122720	0.09396	59	59	1.5	ANNUAL	SRCGP2	5
606572.2	4122720	0.08972	59.05	59.05	1.5	ANNUAL	SRCGP2	5

606592.2	4122720	0.08574	59.05	59.05	1.5	ANNUAL	SRCGP2	5
606612.2	4122720	0.082	59.1	59.1	1.5	ANNUAL	SRCGP2	5
606632.2	4122720	0.07855	59	59	1.5	ANNUAL	SRCGP2	5
606652.2	4122720	0.07539	58.88	58.88	1.5	ANNUAL	SRCGP2	5
606732.2	4122720	0.06567	58.73	58.73	1.5	ANNUAL	SRCGP2	5
606752.2	4122720	0.06381	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606772.2	4122720	0.06209	58.73	58.73	1.5	ANNUAL	SRCGP2	5
606792.2	4122720	0.06041	58.9	58.9	1.5	ANNUAL	SRCGP2	5
606812.2	4122720	0.05877	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606832.2	4122720	0.05716	59.03	59.03	1.5	ANNUAL	SRCGP2	5
606852.2	4122720	0.05556	59.01	59.01	1.5	ANNUAL	SRCGP2	5
607032.2	4122720	0.04308	59.05	59.05	1.5	ANNUAL	SRCGP2	5
605632.2	4122740	0.3264	55.37	55.37	1.5	ANNUAL	SRCGP2	5
605652.2	4122740	0.32733	55.45	55.45	1.5	ANNUAL	SRCGP2	5
605672.2	4122740	0.32823	55.81	55.81	1.5	ANNUAL	SRCGP2	5
605692.2	4122740	0.3289	56.06	56.06	1.5	ANNUAL	SRCGP2	5
605712.2	4122740	0.32911	56.2	56.2	1.5	ANNUAL	SRCGP2	5
605752.2	4122740	0.32757	56.02	56.02	1.5	ANNUAL	SRCGP2	5
605812.2	4122740	0.31919	56.51	56.51	1.5	ANNUAL	SRCGP2	5
605872.2	4122740	0.30608	56.71	56.71	1.5	ANNUAL	SRCGP2	5
605892.2	4122740	0.30105	56.86	56.86	1.5	ANNUAL	SRCGP2	5
605952.2	4122740	0.28448	56.87	56.87	1.5	ANNUAL	SRCGP2	5
605972.2	4122740	0.27805	57.3	57.3	1.5	ANNUAL	SRCGP2	5
605992.2	4122740	0.27145	57.33	57.33	1.5	ANNUAL	SRCGP2	5
606112.2	4122740	0.227	58.38	58.38	1.5	ANNUAL	SRCGP2	5
606132.2	4122740	0.2198	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606152.2	4122740	0.2131	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606172.2	4122740	0.20667	58.99	58.99	1.5	ANNUAL	SRCGP2	5
606192.2	4122740	0.20036	58.79	58.79	1.5	ANNUAL	SRCGP2	5
606212.2	4122740	0.19391	58.84	58.84	1.5	ANNUAL	SRCGP2	5
606232.2	4122740	0.18737	58.8	58.8	1.5	ANNUAL	SRCGP2	5
606252.2	4122740	0.18065	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606272.2	4122740	0.17394	58.9	58.9	1.5	ANNUAL	SRCGP2	5
606292.2	4122740	0.16721	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606312.2	4122740	0.1606	58.89	58.89	1.5	ANNUAL	SRCGP2	5
606352.2	4122740	0.14768	58.76	58.76	1.5	ANNUAL	SRCGP2	5
606392.2	4122740	0.13499	58.47	58.47	1.5	ANNUAL	SRCGP2	5
606412.2	4122740	0.12854	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606432.2	4122740	0.12236	58.83	58.83	1.5	ANNUAL	SRCGP2	5
606452.2	4122740	0.11633	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606472.2	4122740	0.11063	58.79	58.79	1.5	ANNUAL	SRCGP2	5
606492.2	4122740	0.10528	58.72	58.72	1.5	ANNUAL	SRCGP2	5
606512.2	4122740	0.1002	59.14	59.14	1.5	ANNUAL	SRCGP2	5
606532.2	4122740	0.09561	58.97	58.97	1.5	ANNUAL	SRCGP2	5
606552.2	4122740	0.0913	59	59	1.5	ANNUAL	SRCGP2	5
606572.2	4122740	0.08724	59.16	59.16	1.5	ANNUAL	SRCGP2	5
606592.2	4122740	0.08351	58.73	58.73	1.5	ANNUAL	SRCGP2	5

606612.2	4122740	0.0799	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606632.2	4122740	0.07656	58.98	58.98	1.5	ANNUAL	SRCGP2	5
606732.2	4122740	0.06399	58.86	58.86	1.5	ANNUAL	SRCGP2	5
606752.2	4122740	0.06221	58.85	58.85	1.5	ANNUAL	SRCGP2	5
606772.2	4122740	0.06057	58.81	58.81	1.5	ANNUAL	SRCGP2	5
606792.2	4122740	0.059	58.97	58.97	1.5	ANNUAL	SRCGP2	5
606812.2	4122740	0.05748	58.97	58.97	1.5	ANNUAL	SRCGP2	5
606832.2	4122740	0.05598	58.88	58.88	1.5	ANNUAL	SRCGP2	5
606952.2	4122740	0.04737	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606972.2	4122740	0.04607	59.33	59.33	1.5	ANNUAL	SRCGP2	5
606992.2	4122740	0.04487	58.99	58.99	1.5	ANNUAL	SRCGP2	5
607012.2	4122740	0.04368	58.9	58.9	1.5	ANNUAL	SRCGP2	5
607032.2	4122740	0.04252	59.01	59.01	1.5	ANNUAL	SRCGP2	5
607052.2	4122740	0.04139	58.96	58.96	1.5	ANNUAL	SRCGP2	5
605632.2	4122760	0.31294	55.34	55.34	1.5	ANNUAL	SRCGP2	5
605652.2	4122760	0.31385	55.21	55.21	1.5	ANNUAL	SRCGP2	5
605672.2	4122760	0.31466	55.59	55.59	1.5	ANNUAL	SRCGP2	5
605692.2	4122760	0.31513	55.89	55.89	1.5	ANNUAL	SRCGP2	5
605712.2	4122760	0.31498	56.3	56.3	1.5	ANNUAL	SRCGP2	5
605752.2	4122760	0.31279	55.94	55.94	1.5	ANNUAL	SRCGP2	5
605772.2	4122760	0.31048	56.19	56.19	1.5	ANNUAL	SRCGP2	5
605812.2	4122760	0.30385	56.43	56.43	1.5	ANNUAL	SRCGP2	5
605832.2	4122760	0.29988	56.44	56.44	1.5	ANNUAL	SRCGP2	5
605872.2	4122760	0.29091	56.66	56.66	1.5	ANNUAL	SRCGP2	5
605892.2	4122760	0.28602	56.85	56.85	1.5	ANNUAL	SRCGP2	5
605912.2	4122760	0.28106	56.7	56.7	1.5	ANNUAL	SRCGP2	5
605952.2	4122760	0.27011	56.83	56.83	1.5	ANNUAL	SRCGP2	5
605972.2	4122760	0.26398	57.28	57.28	1.5	ANNUAL	SRCGP2	5
605992.2	4122760	0.25769	57.37	57.37	1.5	ANNUAL	SRCGP2	5
606112.2	4122760	0.2159	58.4	58.4	1.5	ANNUAL	SRCGP2	5
606132.2	4122760	0.20917	58.99	58.99	1.5	ANNUAL	SRCGP2	5
606152.2	4122760	0.20299	58.96	58.96	1.5	ANNUAL	SRCGP2	5
606172.2	4122760	0.19698	58.96	58.96	1.5	ANNUAL	SRCGP2	5
606192.2	4122760	0.19106	58.93	58.93	1.5	ANNUAL	SRCGP2	5
606212.2	4122760	0.18509	58.95	58.95	1.5	ANNUAL	SRCGP2	5
606232.2	4122760	0.179	58.97	58.97	1.5	ANNUAL	SRCGP2	5
606252.2	4122760	0.17281	59.02	59.02	1.5	ANNUAL	SRCGP2	5
606272.2	4122760	0.16661	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606292.2	4122760	0.16038	59.02	59.02	1.5	ANNUAL	SRCGP2	5
606312.2	4122760	0.15433	58.8	58.8	1.5	ANNUAL	SRCGP2	5
606352.2	4122760	0.14236	58.68	58.68	1.5	ANNUAL	SRCGP2	5
606392.2	4122760	0.13049	58.55	58.55	1.5	ANNUAL	SRCGP2	5
606412.2	4122760	0.12444	58.89	58.89	1.5	ANNUAL	SRCGP2	5
606432.2	4122760	0.11858	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606452.2	4122760	0.11284	58.74	58.74	1.5	ANNUAL	SRCGP2	5
606472.2	4122760	0.10733	58.81	58.81	1.5	ANNUAL	SRCGP2	5
606492.2	4122760	0.10218	58.79	58.79	1.5	ANNUAL	SRCGP2	5

606512.2	4122760	0.09731	59.13	59.13	1.5	ANNUAL	SRCGP2	5
606532.2	4122760	0.09289	59	59	1.5	ANNUAL	SRCGP2	5
606552.2	4122760	0.08876	59.09	59.09	1.5	ANNUAL	SRCGP2	5
606572.2	4122760	0.08493	58.9	58.9	1.5	ANNUAL	SRCGP2	5
606592.2	4122760	0.08135	58.64	58.64	1.5	ANNUAL	SRCGP2	5
606612.2	4122760	0.0779	58.84	58.84	1.5	ANNUAL	SRCGP2	5
606732.2	4122760	0.0624	58.85	58.85	1.5	ANNUAL	SRCGP2	5
606752.2	4122760	0.06068	58.81	58.81	1.5	ANNUAL	SRCGP2	5
606772.2	4122760	0.0591	58.81	58.81	1.5	ANNUAL	SRCGP2	5
606792.2	4122760	0.05762	58.91	58.91	1.5	ANNUAL	SRCGP2	5
606812.2	4122760	0.0562	58.85	58.85	1.5	ANNUAL	SRCGP2	5
606952.2	4122760	0.04661	59.04	59.04	1.5	ANNUAL	SRCGP2	5
606972.2	4122760	0.04538	59.14	59.14	1.5	ANNUAL	SRCGP2	5
606992.2	4122760	0.0442	59.04	59.04	1.5	ANNUAL	SRCGP2	5
607012.2	4122760	0.04306	59.07	59.07	1.5	ANNUAL	SRCGP2	5
607032.2	4122760	0.04195	59.14	59.14	1.5	ANNUAL	SRCGP2	5
607052.2	4122760	0.04085	59.43	59.43	1.5	ANNUAL	SRCGP2	5
605632.2	4122780	0.30045	55.85	55.85	1.5	ANNUAL	SRCGP2	5
605652.2	4122780	0.30132	55.45	55.45	1.5	ANNUAL	SRCGP2	5
605672.2	4122780	0.30197	55.53	55.53	1.5	ANNUAL	SRCGP2	5
605692.2	4122780	0.30218	55.97	55.97	1.5	ANNUAL	SRCGP2	5
605712.2	4122780	0.30169	56.36	56.36	1.5	ANNUAL	SRCGP2	5
605752.2	4122780	0.29887	55.83	55.83	1.5	ANNUAL	SRCGP2	5
605772.2	4122780	0.29629	56.24	56.24	1.5	ANNUAL	SRCGP2	5
605792.2	4122780	0.29312	56.32	56.32	1.5	ANNUAL	SRCGP2	5
605812.2	4122780	0.28953	56.32	56.32	1.5	ANNUAL	SRCGP2	5
605872.2	4122780	0.27684	56.54	56.54	1.5	ANNUAL	SRCGP2	5
605892.2	4122780	0.27205	56.87	56.87	1.5	ANNUAL	SRCGP2	5
605912.2	4122780	0.26723	56.82	56.82	1.5	ANNUAL	SRCGP2	5
605952.2	4122780	0.2568	56.84	56.84	1.5	ANNUAL	SRCGP2	5
605992.2	4122780	0.24498	57.42	57.42	1.5	ANNUAL	SRCGP2	5
606112.2	4122780	0.20558	58.54	58.54	1.5	ANNUAL	SRCGP2	5
606132.2	4122780	0.19938	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606152.2	4122780	0.19363	58.85	58.85	1.5	ANNUAL	SRCGP2	5
606172.2	4122780	0.18804	58.83	58.83	1.5	ANNUAL	SRCGP2	5
606192.2	4122780	0.18248	58.96	58.96	1.5	ANNUAL	SRCGP2	5
606212.2	4122780	0.17694	58.93	58.93	1.5	ANNUAL	SRCGP2	5
606232.2	4122780	0.17129	58.96	58.96	1.5	ANNUAL	SRCGP2	5
606252.2	4122780	0.16554	59.01	59.01	1.5	ANNUAL	SRCGP2	5
606272.2	4122780	0.1598	58.92	58.92	1.5	ANNUAL	SRCGP2	5
606292.2	4122780	0.15408	58.83	58.83	1.5	ANNUAL	SRCGP2	5
606312.2	4122780	0.14841	58.8	58.8	1.5	ANNUAL	SRCGP2	5
606352.2	4122780	0.13731	58.75	58.75	1.5	ANNUAL	SRCGP2	5
606372.2	4122780	0.13181	58.61	58.61	1.5	ANNUAL	SRCGP2	5
606392.2	4122780	0.12623	58.65	58.65	1.5	ANNUAL	SRCGP2	5
606412.2	4122780	0.12061	58.67	58.67	1.5	ANNUAL	SRCGP2	5
606432.2	4122780	0.11502	58.69	58.69	1.5	ANNUAL	SRCGP2	5

606452.2	4122780	0.10953	58.72	58.72	1.5	ANNUAL	SRCGP2	5
606472.2	4122780	0.10424	58.8	58.8	1.5	ANNUAL	SRCGP2	5
606492.2	4122780	0.09927	58.78	58.78	1.5	ANNUAL	SRCGP2	5
606512.2	4122780	0.09461	58.99	58.99	1.5	ANNUAL	SRCGP2	5
606532.2	4122780	0.09035	58.87	58.87	1.5	ANNUAL	SRCGP2	5
606552.2	4122780	0.08639	58.84	58.84	1.5	ANNUAL	SRCGP2	5
606572.2	4122780	0.08269	58.9	58.9	1.5	ANNUAL	SRCGP2	5
606592.2	4122780	0.07923	58.86	58.86	1.5	ANNUAL	SRCGP2	5
606852.2	4122780	0.05227	59.42	59.42	1.5	ANNUAL	SRCGP2	5
606872.2	4122780	0.05094	59.78	59.78	1.5	ANNUAL	SRCGP2	5
606892.2	4122780	0.04962	59.88	59.88	1.5	ANNUAL	SRCGP2	5
606912.2	4122780	0.04835	59.41	59.41	1.5	ANNUAL	SRCGP2	5
606932.2	4122780	0.0471	59.16	59.16	1.5	ANNUAL	SRCGP2	5
606952.2	4122780	0.04587	59.13	59.13	1.5	ANNUAL	SRCGP2	5
606972.2	4122780	0.04467	59.24	59.24	1.5	ANNUAL	SRCGP2	5
606992.2	4122780	0.04352	59.35	59.35	1.5	ANNUAL	SRCGP2	5
607012.2	4122780	0.04242	59.45	59.45	1.5	ANNUAL	SRCGP2	5
607032.2	4122780	0.04135	59.54	59.54	1.5	ANNUAL	SRCGP2	5
607052.2	4122780	0.04031	59.6	59.6	1.5	ANNUAL	SRCGP2	5
605632.2	4122800	0.28883	55.94	55.94	1.5	ANNUAL	SRCGP2	5
605652.2	4122800	0.2896	55.72	55.72	1.5	ANNUAL	SRCGP2	5
605672.2	4122800	0.29003	55.44	55.44	1.5	ANNUAL	SRCGP2	5
605692.2	4122800	0.28996	55.95	55.95	1.5	ANNUAL	SRCGP2	5
605712.2	4122800	0.2892	56.24	56.24	1.5	ANNUAL	SRCGP2	5
605732.2	4122800	0.28782	56.16	56.16	1.5	ANNUAL	SRCGP2	5
605772.2	4122800	0.28299	56.15	56.15	1.5	ANNUAL	SRCGP2	5
605872.2	4122800	0.26368	56.54	56.54	1.5	ANNUAL	SRCGP2	5
605892.2	4122800	0.2591	56.82	56.82	1.5	ANNUAL	SRCGP2	5
605912.2	4122800	0.25441	56.89	56.89	1.5	ANNUAL	SRCGP2	5
605952.2	4122800	0.24446	56.89	56.89	1.5	ANNUAL	SRCGP2	5
605992.2	4122800	0.23327	57.38	57.38	1.5	ANNUAL	SRCGP2	5
606032.2	4122800	0.22118	57.49	57.49	1.5	ANNUAL	SRCGP2	5
606112.2	4122800	0.19608	58.52	58.52	1.5	ANNUAL	SRCGP2	5
606352.2	4122800	0.1326	58.58	58.58	1.5	ANNUAL	SRCGP2	5
606372.2	4122800	0.1275	58.38	58.38	1.5	ANNUAL	SRCGP2	5
606392.2	4122800	0.12224	58.59	58.59	1.5	ANNUAL	SRCGP2	5
606412.2	4122800	0.11694	58.67	58.67	1.5	ANNUAL	SRCGP2	5
606432.2	4122800	0.11165	58.67	58.67	1.5	ANNUAL	SRCGP2	5
606452.2	4122800	0.10642	58.68	58.68	1.5	ANNUAL	SRCGP2	5
606472.2	4122800	0.10134	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606492.2	4122800	0.09656	58.69	58.69	1.5	ANNUAL	SRCGP2	5
606512.2	4122800	0.09204	58.94	58.94	1.5	ANNUAL	SRCGP2	5
606532.2	4122800	0.08793	58.78	58.78	1.5	ANNUAL	SRCGP2	5
606552.2	4122800	0.08412	58.77	58.77	1.5	ANNUAL	SRCGP2	5
606572.2	4122800	0.08057	58.78	58.78	1.5	ANNUAL	SRCGP2	5
606672.2	4122800	0.06569	59.6	59.6	1.5	ANNUAL	SRCGP2	5
606692.2	4122800	0.06333	59.7	59.7	1.5	ANNUAL	SRCGP2	5

606712.2	4122800	0.06123	59.64	59.64	1.5	ANNUAL	SRCGP2	5
606732.2	4122800	0.05936	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606752.2	4122800	0.05773	59.35	59.35	1.5	ANNUAL	SRCGP2	5
606852.2	4122800	0.05117	59.84	59.84	1.5	ANNUAL	SRCGP2	5
606872.2	4122800	0.04995	59.89	59.89	1.5	ANNUAL	SRCGP2	5
606892.2	4122800	0.04872	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606912.2	4122800	0.04753	59.35	59.35	1.5	ANNUAL	SRCGP2	5
606932.2	4122800	0.04632	59.26	59.26	1.5	ANNUAL	SRCGP2	5
606952.2	4122800	0.04513	59.35	59.35	1.5	ANNUAL	SRCGP2	5
606972.2	4122800	0.04398	59.35	59.35	1.5	ANNUAL	SRCGP2	5
606992.2	4122800	0.04287	59.48	59.48	1.5	ANNUAL	SRCGP2	5
607012.2	4122800	0.0418	59.6	59.6	1.5	ANNUAL	SRCGP2	5
607032.2	4122800	0.04077	59.72	59.72	1.5	ANNUAL	SRCGP2	5
607052.2	4122800	0.03977	59.83	59.83	1.5	ANNUAL	SRCGP2	5
605632.2	4122820	0.27796	56.01	56.01	1.5	ANNUAL	SRCGP2	5
605652.2	4122820	0.27857	55.93	55.93	1.5	ANNUAL	SRCGP2	5
605672.2	4122820	0.27876	55.46	55.46	1.5	ANNUAL	SRCGP2	5
605692.2	4122820	0.27839	55.87	55.87	1.5	ANNUAL	SRCGP2	5
605712.2	4122820	0.27735	56.12	56.12	1.5	ANNUAL	SRCGP2	5
605732.2	4122820	0.27558	56.28	56.28	1.5	ANNUAL	SRCGP2	5
605832.2	4122820	0.25971	56.19	56.19	1.5	ANNUAL	SRCGP2	5
605852.2	4122820	0.25561	56.45	56.45	1.5	ANNUAL	SRCGP2	5
605872.2	4122820	0.25137	56.68	56.68	1.5	ANNUAL	SRCGP2	5
605892.2	4122820	0.247	56.85	56.85	1.5	ANNUAL	SRCGP2	5
605912.2	4122820	0.24257	56.78	56.78	1.5	ANNUAL	SRCGP2	5
605952.2	4122820	0.23307	56.78	56.78	1.5	ANNUAL	SRCGP2	5
606672.2	4122820	0.06417	60.05	60.05	1.5	ANNUAL	SRCGP2	5
606692.2	4122820	0.06187	60.05	60.05	1.5	ANNUAL	SRCGP2	5
606712.2	4122820	0.05979	60.05	60.05	1.5	ANNUAL	SRCGP2	5
606732.2	4122820	0.05795	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606752.2	4122820	0.05634	59.76	59.76	1.5	ANNUAL	SRCGP2	5
606852.2	4122820	0.05011	59.81	59.81	1.5	ANNUAL	SRCGP2	5
606872.2	4122820	0.04899	59.66	59.66	1.5	ANNUAL	SRCGP2	5
606892.2	4122820	0.04785	59.52	59.52	1.5	ANNUAL	SRCGP2	5
606912.2	4122820	0.04671	59.24	59.24	1.5	ANNUAL	SRCGP2	5
606932.2	4122820	0.04556	59.17	59.17	1.5	ANNUAL	SRCGP2	5
606952.2	4122820	0.0444	59.58	59.58	1.5	ANNUAL	SRCGP2	5
606972.2	4122820	0.0433	59.5	59.5	1.5	ANNUAL	SRCGP2	5
606992.2	4122820	0.04223	59.61	59.61	1.5	ANNUAL	SRCGP2	5
607012.2	4122820	0.04119	59.73	59.73	1.5	ANNUAL	SRCGP2	5
607032.2	4122820	0.0402	59.84	59.84	1.5	ANNUAL	SRCGP2	5
607052.2	4122820	0.03924	59.95	59.95	1.5	ANNUAL	SRCGP2	5
605632.2	4122840	0.26775	56.04	56.04	1.5	ANNUAL	SRCGP2	5
605652.2	4122840	0.26816	56.02	56.02	1.5	ANNUAL	SRCGP2	5
605672.2	4122840	0.26807	55.61	55.61	1.5	ANNUAL	SRCGP2	5
605692.2	4122840	0.26739	55.54	55.54	1.5	ANNUAL	SRCGP2	5
605712.2	4122840	0.26605	56.03	56.03	1.5	ANNUAL	SRCGP2	5

605792.2	4122840	0.2553	55.98	55.98	1.5	ANNUAL	SRCGP2	5
605812.2	4122840	0.25166	56.36	56.36	1.5	ANNUAL	SRCGP2	5
605832.2	4122840	0.2479	56.44	56.44	1.5	ANNUAL	SRCGP2	5
605852.2	4122840	0.24396	56.61	56.61	1.5	ANNUAL	SRCGP2	5
605872.2	4122840	0.23994	56.67	56.67	1.5	ANNUAL	SRCGP2	5
605892.2	4122840	0.23583	56.62	56.62	1.5	ANNUAL	SRCGP2	5
605912.2	4122840	0.23155	56.64	56.64	1.5	ANNUAL	SRCGP2	5
606092.2	4122840	0.18447	57.96	57.96	1.5	ANNUAL	SRCGP2	5
606112.2	4122840	0.17932	57.62	57.62	1.5	ANNUAL	SRCGP2	5
606192.2	4122840	0.16048	57.89	57.89	1.5	ANNUAL	SRCGP2	5
606212.2	4122840	0.1559	58.17	58.17	1.5	ANNUAL	SRCGP2	5
606252.2	4122840	0.14666	58.37	58.37	1.5	ANNUAL	SRCGP2	5
606272.2	4122840	0.14199	58.44	58.44	1.5	ANNUAL	SRCGP2	5
606292.2	4122840	0.13738	58.42	58.42	1.5	ANNUAL	SRCGP2	5
606312.2	4122840	0.13283	58.42	58.42	1.5	ANNUAL	SRCGP2	5
606332.2	4122840	0.12838	58.29	58.29	1.5	ANNUAL	SRCGP2	5
606352.2	4122840	0.12392	58.35	58.35	1.5	ANNUAL	SRCGP2	5
606372.2	4122840	0.11947	58.21	58.21	1.5	ANNUAL	SRCGP2	5
606392.2	4122840	0.1149	58.27	58.27	1.5	ANNUAL	SRCGP2	5
606412.2	4122840	0.11021	58.38	58.38	1.5	ANNUAL	SRCGP2	5
606432.2	4122840	0.10546	58.49	58.49	1.5	ANNUAL	SRCGP2	5
606452.2	4122840	0.10072	58.48	58.48	1.5	ANNUAL	SRCGP2	5
606672.2	4122840	0.06276	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606692.2	4122840	0.06052	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606712.2	4122840	0.05848	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606732.2	4122840	0.05665	60.04	60.04	1.5	ANNUAL	SRCGP2	5
606752.2	4122840	0.05508	59.62	59.62	1.5	ANNUAL	SRCGP2	5
606852.2	4122840	0.04907	59.73	59.73	1.5	ANNUAL	SRCGP2	5
606872.2	4122840	0.04803	59.38	59.38	1.5	ANNUAL	SRCGP2	5
606892.2	4122840	0.04697	59.24	59.24	1.5	ANNUAL	SRCGP2	5
606912.2	4122840	0.04589	59.1	59.1	1.5	ANNUAL	SRCGP2	5
606932.2	4122840	0.0448	59.07	59.07	1.5	ANNUAL	SRCGP2	5
606952.2	4122840	0.04368	59.74	59.74	1.5	ANNUAL	SRCGP2	5
606972.2	4122840	0.04262	59.69	59.69	1.5	ANNUAL	SRCGP2	5
606992.2	4122840	0.04159	59.74	59.74	1.5	ANNUAL	SRCGP2	5
607012.2	4122840	0.04059	59.86	59.86	1.5	ANNUAL	SRCGP2	5
607032.2	4122840	0.03963	59.97	59.97	1.5	ANNUAL	SRCGP2	5
607052.2	4122840	0.03871	60	60	1.5	ANNUAL	SRCGP2	5
606158.5	4121900	10.95419	57.39	313.5	1.5	ANNUAL	SRCGP2	5
606169	4121883	9.11313	57.41	313.5	1.5	ANNUAL	SRCGP2	5
606132.1	4121801	0.58889	57.52	313.5	1.5	ANNUAL	SRCGP2	5
606385	4122113	1.25153	61.43	61.43	1.5	ANNUAL	SRCGP2	5
606405	4122113	1.06234	61.72	61.72	1.5	ANNUAL	SRCGP2	5
606425	4122113	0.90698	61.52	61.52	1.5	ANNUAL	SRCGP2	5
606445	4122113	0.78379	60.48	60.48	1.5	ANNUAL	SRCGP2	5
606465	4122113	0.68197	59.09	59.09	1.5	ANNUAL	SRCGP2	5
606385	4122133	1.05978	61.8	61.8	1.5	ANNUAL	SRCGP2	5

606405	4122133	0.92079	61.32	61.32	1.5	ANNUAL	SRCGP2	5
606425	4122133	0.79871	60.86	60.86	1.5	ANNUAL	SRCGP2	5
606445	4122133	0.69409	60.28	60.28	1.5	ANNUAL	SRCGP2	5
606465	4122133	0.6086	59.15	59.15	1.5	ANNUAL	SRCGP2	5
606385	4122153	0.92854	60.69	61.52	1.5	ANNUAL	SRCGP2	5
606405	4122153	0.81118	60.54	60.54	1.5	ANNUAL	SRCGP2	5
606425	4122153	0.70935	60.21	60.21	1.5	ANNUAL	SRCGP2	5
606445	4122153	0.62137	59.8	59.8	1.5	ANNUAL	SRCGP2	5
606465	4122153	0.54703	59.25	59.25	1.5	ANNUAL	SRCGP2	5
606385	4122173	0.83049	57.94	61.91	1.5	ANNUAL	SRCGP2	5
606405	4122173	0.72694	58.59	60.32	1.5	ANNUAL	SRCGP2	5
606425	4122173	0.63922	58.64	58.64	1.5	ANNUAL	SRCGP2	5
606445	4122173	0.56544	57.99	59.8	1.5	ANNUAL	SRCGP2	5
606465	4122173	0.4992	58.06	59.47	1.5	ANNUAL	SRCGP2	5
606385	4122193	0.73829	57.29	57.29	1.5	ANNUAL	SRCGP2	5
606405	4122193	0.65391	57.3	57.3	1.5	ANNUAL	SRCGP2	5
606425	4122193	0.5791	57.36	57.36	1.5	ANNUAL	SRCGP2	5
606445	4122193	0.51458	57.02	57.02	1.5	ANNUAL	SRCGP2	5
606465	4122193	0.456	57.48	58.37	1.5	ANNUAL	SRCGP2	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP3
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.01621	56.12	313.5	1.5	ANNUAL	SRCGP3	5	
605652.2	4121420	0.01629	56.27	313.5	1.5	ANNUAL	SRCGP3	5	
605672.2	4121420	0.01636	55.57	313.5	1.5	ANNUAL	SRCGP3	5	
605692.2	4121420	0.01644	55.91	313.5	1.5	ANNUAL	SRCGP3	5	
605712.2	4121420	0.01653	56.29	313.5	1.5	ANNUAL	SRCGP3	5	
605732.2	4121420	0.01661	56.54	313.5	1.5	ANNUAL	SRCGP3	5	
605752.2	4121420	0.01672	56.56	313.5	1.5	ANNUAL	SRCGP3	5	
605772.2	4121420	0.01684	56.68	313.5	1.5	ANNUAL	SRCGP3	5	
605792.2	4121420	0.01698	56.74	313.5	1.5	ANNUAL	SRCGP3	5	
605812.2	4121420	0.01715	56.85	313.5	1.5	ANNUAL	SRCGP3	5	
605832.2	4121420	0.01735	56.94	313.5	1.5	ANNUAL	SRCGP3	5	
605852.2	4121420	0.0176	56.97	313.5	1.5	ANNUAL	SRCGP3	5	
605872.2	4121420	0.01788	56.99	313.5	1.5	ANNUAL	SRCGP3	5	
605892.2	4121420	0.01821	57.31	313.5	1.5	ANNUAL	SRCGP3	5	
605912.2	4121420	0.01861	57.25	313.5	1.5	ANNUAL	SRCGP3	5	
605932.2	4121420	0.01907	57.32	313.5	1.5	ANNUAL	SRCGP3	5	
605952.2	4121420	0.0196	57.39	313.5	1.5	ANNUAL	SRCGP3	5	
605972.2	4121420	0.0202	57.4	313.5	1.5	ANNUAL	SRCGP3	5	
605992.2	4121420	0.02086	57.54	313.5	1.5	ANNUAL	SRCGP3	5	
606012.2	4121420	0.02161	57.65	313.5	1.5	ANNUAL	SRCGP3	5	
606032.2	4121420	0.02243	57.64	313.5	1.5	ANNUAL	SRCGP3	5	
606052.2	4121420	0.02331	57.67	313.5	1.5	ANNUAL	SRCGP3	5	
606072.2	4121420	0.02426	57.7	313.5	1.5	ANNUAL	SRCGP3	5	
606092.2	4121420	0.02527	57.58	313.5	1.5	ANNUAL	SRCGP3	5	
606112.2	4121420	0.02634	57.29	313.5	1.5	ANNUAL	SRCGP3	5	
606132.2	4121420	0.02739	57.65	313.5	1.5	ANNUAL	SRCGP3	5	
606152.2	4121420	0.02848	57.77	313.5	1.5	ANNUAL	SRCGP3	5	
606172.2	4121420	0.02959	57.87	313.5	1.5	ANNUAL	SRCGP3	5	
606192.2	4121420	0.03073	57.9	313.5	1.5	ANNUAL	SRCGP3	5	
606212.2	4121420	0.0319	57.87	313.5	1.5	ANNUAL	SRCGP3	5	
606232.2	4121420	0.0331	57.92	313.5	1.5	ANNUAL	SRCGP3	5	
606252.2	4121420	0.03435	57.96	313.5	1.5	ANNUAL	SRCGP3	5	
606272.2	4121420	0.03566	58.02	313.5	1.5	ANNUAL	SRCGP3	5	
606292.2	4121420	0.03707	58.1	313.5	1.5	ANNUAL	SRCGP3	5	
606312.2	4121420	0.0386	58.18	313.5	1.5	ANNUAL	SRCGP3	5	
606332.2	4121420	0.0403	58.12	313.5	1.5	ANNUAL	SRCGP3	5	
606352.2	4121420	0.04214	58.13	313.5	1.5	ANNUAL	SRCGP3	5	
606372.2	4121420	0.04413	58.21	313.5	1.5	ANNUAL	SRCGP3	5	
606392.2	4121420	0.04634	58.18	313.5	1.5	ANNUAL	SRCGP3	5	
606412.2	4121420	0.04871	58.25	313.5	1.5	ANNUAL	SRCGP3	5	
606432.2	4121420	0.0512	58.51	313.5	1.5	ANNUAL	SRCGP3	5	
606452.2	4121420	0.05403	58.21	313.5	1.5	ANNUAL	SRCGP3	5	
606472.2	4121420	0.05705	57.94	313.5	1.5	ANNUAL	SRCGP3	5	
606492.2	4121420	0.06015	58.01	313.5	1.5	ANNUAL	SRCGP3	5	
606512.2	4121420	0.06333	58.38	313.5	1.5	ANNUAL	SRCGP3	5	
606532.2	4121420	0.06675	58.56	313.5	1.5	ANNUAL	SRCGP3	5	
606552.2	4121420	0.07056	58.28	313.5	1.5	ANNUAL	SRCGP3	5	
606572.2	4121420	0.07452	58.14	313.5	1.5	ANNUAL	SRCGP3	5	
606592.2	4121420	0.07841	58.6	313.5	1.5	ANNUAL	SRCGP3	5	
606612.2	4121420	0.08265	58.68	313.5	1.5	ANNUAL	SRCGP3	5	
606632.2	4121420	0.08711	58.71	313.5	1.5	ANNUAL	SRCGP3	5	
606652.2	4121420	0.09174	58.72	313.5	1.5	ANNUAL	SRCGP3	5	
606672.2	4121420	0.09647	58.81	313.5	1.5	ANNUAL	SRCGP3	5	
606692.2	4121420	0.10132	58.86	313.5	1.5	ANNUAL	SRCGP3	5	
606712.2	4121420	0.10625	58.92	313.5	1.5	ANNUAL	SRCGP3	5	

606732.2	4121420	0.11123	58.96	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121420	0.11616	59.07	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121420	0.12108	59.16	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121420	0.12594	59.26	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121420	0.13064	59.44	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121420	0.13536	59.46	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121420	0.13988	59.58	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121420	0.1444	59.53	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121420	0.14866	59.61	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121420	0.15274	59.72	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121420	0.15682	59.66	313.5	1.5	ANNUAL	SRCGP3	5
606952.2	4121420	0.16115	59.18	313.5	1.5	ANNUAL	SRCGP3	5
606972.2	4121420	0.16444	59.62	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121420	0.16774	59.87	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121420	0.17112	59.87	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121420	0.17481	59.37	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121420	0.17771	59.49	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121440	0.01688	56.05	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121440	0.01696	56.13	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121440	0.01704	55.38	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121440	0.01713	56.09	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121440	0.01722	56.42	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121440	0.01731	56.49	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121440	0.01742	56.49	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121440	0.01754	56.63	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121440	0.01767	56.78	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121440	0.01783	56.87	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121440	0.01803	56.94	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121440	0.01826	56.97	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121440	0.01854	57.02	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121440	0.01886	57.15	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121440	0.01925	57.22	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121440	0.0197	57.31	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121440	0.02022	57.34	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121440	0.02082	57.37	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121440	0.0215	57.49	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121440	0.02225	57.6	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121440	0.02309	57.63	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121440	0.024	57.68	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121440	0.02498	57.76	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121440	0.02606	57.5	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121440	0.02719	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121440	0.02831	57.57	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121440	0.02947	57.76	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121440	0.03067	57.79	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121440	0.0319	57.82	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121440	0.03316	57.9	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121440	0.03447	57.84	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121440	0.03582	57.95	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121440	0.03723	58.09	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121440	0.03877	58.08	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121440	0.04043	58.11	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121440	0.04223	58.26	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4121440	0.0442	58.36	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121440	0.04636	58.47	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121440	0.04874	58.51	313.5	1.5	ANNUAL	SRCGP3	5
606412.2	4121440	0.05133	58.5	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121440	0.05415	58.44	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121440	0.05731	57.94	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121440	0.06049	58.07	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121440	0.06387	58.23	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121440	0.0676	58	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121440	0.0715	57.91	313.5	1.5	ANNUAL	SRCGP3	5

606552.2	4121440	0.07557	57.95	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121440	0.07973	58.26	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121440	0.08419	58.41	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121440	0.08887	58.52	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121440	0.09374	58.64	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121440	0.09878	58.76	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121440	0.10399	58.83	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121440	0.10928	58.94	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121440	0.11469	58.98	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121440	0.12015	59	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121440	0.12556	59.07	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121440	0.13097	59.09	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121440	0.1363	59.11	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121440	0.14151	59.15	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121440	0.14655	59.23	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121440	0.15147	59.28	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121440	0.15621	59.35	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121440	0.1608	59.39	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121440	0.16519	59.46	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121440	0.16937	59.56	313.5	1.5	ANNUAL	SRCGP3	5
606952.2	4121440	0.17393	59.12	313.5	1.5	ANNUAL	SRCGP3	5
606972.2	4121440	0.1772	59.72	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121440	0.1808	59.82	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121440	0.18429	59.83	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121440	0.18784	59.6	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121440	0.19127	59.27	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121460	0.01759	56.11	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121460	0.01768	55.9	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121460	0.01777	55.4	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121460	0.01787	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121460	0.01796	56.46	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121460	0.01806	56.39	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121460	0.01818	55.88	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121460	0.01831	55.96	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121460	0.01845	56.13	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121460	0.01862	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121460	0.01881	56.31	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121460	0.01903	56.41	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121460	0.0193	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121460	0.01961	56.58	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121460	0.01999	56.68	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121460	0.02043	56.82	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121460	0.02095	56.86	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121460	0.02153	57.01	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121460	0.02222	57.03	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121460	0.02298	57.17	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121460	0.02383	57.29	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121460	0.02477	57.35	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121460	0.02581	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121460	0.02693	57.14	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121460	0.02809	57.2	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121460	0.02932	57.18	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121460	0.03058	57.21	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121460	0.03188	57.28	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121460	0.03321	57.35	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121460	0.03459	57.35	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121460	0.036	57.38	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121460	0.03747	57.46	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121460	0.03902	57.55	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121460	0.04069	57.62	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121460	0.04249	57.7	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121460	0.04444	57.89	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4121460	0.04658	58	313.5	1.5	ANNUAL	SRCGP3	5

606372.2	4121460	0.04893	58.15	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121460	0.05154	58.16	313.5	1.5	ANNUAL	SRCGP3	5
606412.2	4121460	0.05437	58.19	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121460	0.05747	58.11	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121460	0.06088	57.85	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121460	0.06423	58.35	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121460	0.06796	58.47	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121460	0.07201	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121460	0.07636	58.19	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121460	0.08098	57.99	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121460	0.08583	57.88	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121460	0.09083	57.93	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121460	0.09602	58.06	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121460	0.10139	58.23	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121460	0.10695	58.38	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121460	0.11266	58.53	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121460	0.11851	58.63	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121460	0.12446	58.67	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121460	0.13046	58.68	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121460	0.13645	58.68	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121460	0.14237	58.68	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121460	0.14817	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121460	0.19522	59.77	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121460	0.19889	59.72	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121460	0.20236	59.63	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121460	0.20603	59.14	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121480	0.01834	56.28	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121480	0.01844	55.6	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121480	0.01855	55.65	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121480	0.01866	56.22	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121480	0.01875	56.48	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121480	0.01888	56.14	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121480	0.01899	55.72	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121480	0.01912	56.08	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121480	0.01927	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121480	0.01943	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121480	0.01962	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121480	0.01985	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121480	0.02011	56.32	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121480	0.02042	56.38	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121480	0.02079	56.43	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121480	0.02122	56.51	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121480	0.02173	56.52	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121480	0.02232	56.66	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121480	0.02301	56.66	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121480	0.02379	56.69	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121480	0.02465	56.84	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121480	0.02561	57.06	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121480	0.02665	57.31	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121480	0.0278	57.3	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121480	0.02905	57.23	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121480	0.03033	57.37	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121480	0.03169	57.37	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121480	0.03309	57.39	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121480	0.03453	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121480	0.03603	57.35	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121480	0.03757	57.39	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121480	0.03918	57.44	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121480	0.04087	57.52	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121480	0.04269	57.55	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121480	0.04465	57.64	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121480	0.04678	57.76	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4121480	0.04913	57.87	313.5	1.5	ANNUAL	SRCGP3	5

606372.2	4121480	0.05168	58.06	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121480	0.05453	58.09	313.5	1.5	ANNUAL	SRCGP3	5
606412.2	4121480	0.05772	57.89	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121480	0.06117	57.73	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121480	0.06476	57.9	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121480	0.06857	58.14	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121480	0.07263	58.4	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121480	0.07703	58.5	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121480	0.08175	58.49	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121480	0.08683	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121480	0.09214	58.34	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121480	0.0977	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121480	0.10357	58.32	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121480	0.10969	58.27	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121480	0.11599	58.25	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121480	0.12242	58.27	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121480	0.12894	58.31	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121480	0.1355	58.36	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121480	0.14201	58.46	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121480	0.14843	58.59	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121480	0.1548	58.68	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121480	0.16103	58.76	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121480	0.21102	59.83	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121480	0.21525	59.41	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121480	0.21888	59.21	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121480	0.22201	59.13	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121500	0.01914	56.09	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121500	0.01926	55.49	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121500	0.01938	56.02	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121500	0.0195	56.36	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121500	0.01962	56.42	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121500	0.01974	55.68	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121500	0.01987	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121500	0.01999	56.64	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121500	0.02013	56.7	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121500	0.02029	56.83	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121500	0.02047	56.85	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121500	0.02069	56.86	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121500	0.02094	56.96	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121500	0.02124	57.08	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121500	0.0216	57.09	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121500	0.02202	57.18	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121500	0.02252	57.13	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121500	0.0231	57.23	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121500	0.02379	57.21	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121500	0.0246	56.92	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121500	0.02549	56.99	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121500	0.02642	57.64	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121500	0.0275	57.83	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121500	0.02874	57.47	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121500	0.03006	57.27	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121500	0.03141	57.55	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121500	0.03282	57.84	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121500	0.03435	57.68	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121500	0.0359	57.78	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121500	0.03752	57.77	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121500	0.03919	57.79	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121500	0.04092	57.91	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121500	0.04275	58.01	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121500	0.04473	58.03	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121500	0.04684	58.18	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121500	0.04918	58.21	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4121500	0.05175	58.29	313.5	1.5	ANNUAL	SRCGP3	5

606372.2	4121500	0.05455	58.44	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121500	0.05768	58.43	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121500	0.06507	57.81	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121500	0.06919	57.65	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121500	0.07351	57.7	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121500	0.078	58.02	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121500	0.08284	58.22	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121500	0.08796	58.47	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121500	0.0935	58.54	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121500	0.09937	58.58	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121500	0.10557	58.59	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121500	0.11202	58.65	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121500	0.11876	58.67	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121500	0.1257	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121500	0.13282	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121500	0.13995	58.8	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121500	0.14717	58.84	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121500	0.15434	58.91	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121500	0.16139	59.01	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121500	0.16833	59.09	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121500	0.17525	59.04	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121500	0.22852	59.84	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121500	0.23232	59.76	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121500	0.23582	59.62	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121500	0.23936	59.17	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121520	0.02	55.62	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121520	0.02014	55.67	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121520	0.02028	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121520	0.02041	56.37	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121520	0.02055	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121520	0.02068	55.47	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121520	0.02082	56.33	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121520	0.02094	56.64	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121520	0.02109	56.78	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121520	0.02125	56.82	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121520	0.02145	56.78	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121520	0.02166	56.81	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121520	0.02192	56.81	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121520	0.0222	56.98	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121520	0.02255	56.97	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121520	0.02297	57.01	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121520	0.02345	57.12	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121520	0.02403	57.2	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121520	0.02471	57.22	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121520	0.02554	56.77	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121520	0.02643	56.91	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121520	0.02738	57.54	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121520	0.02848	57.84	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121520	0.02977	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121520	0.03116	57.29	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121520	0.03265	57.16	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121520	0.0342	57.17	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121520	0.03583	57.15	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121520	0.0375	57.3	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121520	0.03927	57.26	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121520	0.04108	57.38	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121520	0.04301	57.35	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121520	0.04492	57.9	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121520	0.04706	57.98	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121520	0.04944	57.89	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121520	0.05202	57.91	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4121520	0.05486	57.92	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121520	0.05799	57.95	313.5	1.5	ANNUAL	SRCGP3	5

606432.2	4121520	0.0693	58.1	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121520	0.07374	58.17	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121520	0.07861	58.06	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121520	0.0839	57.85	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121520	0.08947	57.81	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121520	0.09526	57.98	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121520	0.10134	58.24	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121520	0.1078	58.44	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121520	0.11467	58.54	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121520	0.12186	58.63	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121520	0.12927	58.78	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121520	0.13705	58.76	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121520	0.1448	58.92	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121520	0.15274	58.98	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121520	0.16072	59.01	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121520	0.16858	59.1	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121520	0.17635	59.16	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121520	0.18402	59.16	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121520	0.1915	59.15	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121520	0.21186	59.44	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121520	0.21818	59.43	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121520	0.22464	59.12	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121520	0.2301	59.23	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121520	0.23526	59.3	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121520	0.24763	59.98	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121520	0.25122	59.99	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121520	0.25447	59.92	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121520	0.25812	59.26	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121540	0.02092	55.39	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121540	0.02108	56.05	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121540	0.02123	56.25	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121540	0.02138	56.34	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121540	0.02153	56.37	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121540	0.02168	55.37	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121540	0.02184	56.42	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121540	0.02199	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121540	0.02216	56.43	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121540	0.02232	56.71	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121540	0.02252	56.62	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121540	0.02276	56.35	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121540	0.02299	56.66	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121540	0.02327	56.85	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121540	0.02362	56.84	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121540	0.02405	56.58	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121540	0.02452	56.81	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121540	0.02508	57	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121540	0.02574	57.14	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121540	0.02658	56.64	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121540	0.02747	56.86	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121540	0.02844	57.44	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121540	0.02956	57.82	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121540	0.03091	57.45	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121540	0.03236	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121540	0.03388	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121540	0.03555	57.36	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121540	0.0373	57.36	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121540	0.03911	57.45	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121540	0.04101	57.54	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121540	0.04303	57.46	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121540	0.0451	57.58	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121540	0.04725	57.88	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121540	0.04961	57.92	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121540	0.05216	58.05	313.5	1.5	ANNUAL	SRCGP3	5

606332.2	4121540	0.055	58.01	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4121540	0.05811	58.04	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121540	0.08436	58.32	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121540	0.09014	58.3	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121540	0.09635	58.26	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121540	0.103	58.2	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121540	0.11016	58.04	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121540	0.11764	58.01	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121540	0.12537	58.12	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121540	0.13344	58.24	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121540	0.14176	58.39	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121540	0.15035	58.48	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121540	0.15905	58.61	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121540	0.16786	58.69	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121540	0.17667	58.75	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121540	0.18534	58.85	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121540	0.19392	58.89	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121540	0.2023	58.91	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121540	0.21029	59.01	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121540	0.232	59.44	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121540	0.23899	59.28	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121540	0.24545	59.2	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121540	0.25121	59.28	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121540	0.26865	60.12	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121540	0.27221	60.04	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121540	0.27531	59.88	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121540	0.27848	59.32	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121560	0.0219	55.31	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121560	0.02208	55.47	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121560	0.02226	55.85	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121560	0.02243	55.96	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121560	0.02261	56.05	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121560	0.02277	55.3	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121560	0.02295	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121560	0.02313	56.27	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121560	0.02331	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121560	0.02348	56.51	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121560	0.02369	56.46	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121560	0.02394	56.05	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121560	0.02417	56.53	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121560	0.02445	56.71	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121560	0.0248	56.66	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121560	0.02525	56.08	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121560	0.0257	56.53	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121560	0.02623	56.94	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121560	0.02688	57.09	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121560	0.02774	56.53	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121560	0.02862	56.8	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121560	0.02961	57.31	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121560	0.03073	57.84	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121560	0.03215	57.36	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121560	0.03367	57.19	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121560	0.03525	57.47	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121560	0.03702	57.45	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121560	0.03888	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121560	0.04088	57.44	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121560	0.04294	57.55	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121560	0.04512	57.56	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121560	0.04745	57.43	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121560	0.04987	57.55	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121560	0.05244	57.71	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121560	0.05523	57.88	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121560	0.05841	57.72	313.5	1.5	ANNUAL	SRCGP3	5

606412.2	4121560	0.0745	57.97	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121560	0.0975	58.25	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121560	0.10421	58.57	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121560	0.11163	58.57	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121560	0.11956	58.54	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121560	0.12797	58.5	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121560	0.13684	58.44	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121560	0.14611	58.38	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121560	0.15564	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121560	0.1654	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121560	0.17525	58.41	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121560	0.18513	58.45	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121560	0.19496	58.49	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121560	0.20458	58.57	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121560	0.21399	58.63	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121560	0.22313	58.68	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121560	0.26213	59.31	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121560	0.26869	59.35	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121560	0.27461	59.45	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121560	0.29199	60.12	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121560	0.29607	59.57	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121560	0.29877	59.38	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121560	0.3005	59.31	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121580	0.02297	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121580	0.02317	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121580	0.02337	55.58	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121580	0.02356	55.57	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121580	0.02376	55.5	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121580	0.02395	55.45	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121580	0.02415	55.54	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121580	0.02435	55.62	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121580	0.02455	55.68	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121580	0.02476	55.8	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121580	0.02498	55.9	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121580	0.02522	55.91	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121580	0.02549	55.89	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121580	0.02579	55.82	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121580	0.02614	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121580	0.02654	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121580	0.02702	56.04	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121580	0.02758	56.16	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121580	0.02825	56.29	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121580	0.02904	56.29	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121580	0.0299	56.77	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121580	0.03089	57.28	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121580	0.03206	57.7	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121580	0.03352	57.23	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121580	0.03509	57.13	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121580	0.03677	57.37	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121580	0.03863	57.44	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121580	0.04064	57.47	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121580	0.04284	57.23	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121580	0.04504	57.51	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121580	0.04743	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121580	0.04998	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121580	0.05263	57.57	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121580	0.05547	57.71	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121580	0.05855	57.89	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121580	0.06206	57.73	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121580	0.07479	57.88	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121580	0.11366	58.27	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121580	0.12182	58.53	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121580	0.13063	58.67	313.5	1.5	ANNUAL	SRCGP3	5

606572.2	4121580	0.14002	58.74	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121580	0.14996	58.75	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121580	0.16034	58.75	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121580	0.17097	58.81	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121580	0.18184	58.86	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121580	0.19278	58.93	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121580	0.20363	59.06	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121580	0.21479	58.93	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121580	0.22541	59	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121580	0.23576	59.05	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121580	0.24578	59.07	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121580	0.27231	59.51	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121580	0.28026	59.57	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121580	0.28776	59.57	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121580	0.29452	59.63	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121580	0.30078	59.62	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121580	0.31751	60.13	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121580	0.32062	59.82	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121580	0.32255	59.67	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121580	0.32387	59.39	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121600	0.02412	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121600	0.02434	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121600	0.02457	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121600	0.02479	56.1	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121600	0.02501	56.19	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121600	0.02523	56.26	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121600	0.02545	56.33	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121600	0.02566	56.39	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121600	0.02588	56.43	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121600	0.02611	56.51	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121600	0.02635	56.53	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121600	0.0266	56.53	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121600	0.02689	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121600	0.0272	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121600	0.02754	56.58	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121600	0.02795	56.55	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121600	0.02842	56.57	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121600	0.02897	56.64	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121600	0.02962	56.73	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121600	0.03039	56.86	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121600	0.03129	57	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121600	0.03233	57.21	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121600	0.03352	57.62	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121600	0.03503	57.16	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121600	0.03666	57.07	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121600	0.03842	57.31	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121600	0.04041	57.34	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121600	0.04257	57.31	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121600	0.04489	57.34	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121600	0.04738	57.26	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121600	0.04996	57.41	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121600	0.05272	57.49	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121600	0.05562	57.68	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121600	0.05878	57.77	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121600	0.06225	57.76	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4121600	0.0661	57.72	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121600	0.15443	58.54	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121600	0.16561	58.66	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121600	0.17708	58.87	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121600	0.18907	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121600	0.20127	59.03	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121600	0.21349	59.14	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121600	0.22576	59.18	313.5	1.5	ANNUAL	SRCGP3	5

606712.2	4121600	0.23785	59.22	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121600	0.24952	59.32	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121600	0.2608	59.41	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121600	0.27174	59.43	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121600	0.31711	59.63	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121600	0.32425	59.59	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121600	0.33076	59.48	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121600	0.33624	59.44	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121600	0.34525	60.16	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121600	0.34709	60.07	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121600	0.3479	59.99	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121600	0.34875	59.41	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121620	0.02533	53.92	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121620	0.02558	53.91	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121620	0.02583	54.22	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121620	0.02609	54.4	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121620	0.02634	54.57	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121620	0.02659	54.82	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121620	0.02685	55.04	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121620	0.0271	55.14	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121620	0.02736	55.3	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121620	0.02762	55.41	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121620	0.02789	55.5	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121620	0.02817	55.63	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121620	0.02847	55.79	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121620	0.0288	55.97	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121620	0.02916	56.08	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121620	0.02958	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121620	0.03006	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121620	0.03062	56.34	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121620	0.03124	56.56	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121620	0.03201	56.66	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121620	0.03292	56.77	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121620	0.03398	56.98	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121620	0.0352	57.27	313.5	1.5	ANNUAL	SRCGP3	5
606092.2	4121620	0.03671	57.06	313.5	1.5	ANNUAL	SRCGP3	5
606112.2	4121620	0.0384	56.99	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121620	0.0403	57.02	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121620	0.0424	57.04	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121620	0.04473	57	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121620	0.04722	57.08	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121620	0.04991	57.1	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121620	0.05265	57.52	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121620	0.05569	57.59	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121620	0.05899	57.52	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121620	0.06251	57.57	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121620	0.06638	57.57	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121620	0.08606	58.45	313.5	1.5	ANNUAL	SRCGP3	5
606412.2	4121620	0.09248	58.63	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121620	0.09977	58.54	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121620	0.12622	58.13	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121620	0.13649	58.08	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121620	0.35046	59.61	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121620	0.35755	59.59	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121620	0.36385	59.49	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121620	0.36889	59.46	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121620	0.37617	59.81	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121620	0.37659	59.81	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121620	0.37618	59.67	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121620	0.37493	59.39	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121640	0.02672	55.44	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121640	0.02699	55.43	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121640	0.02727	55.4	313.5	1.5	ANNUAL	SRCGP3	5

605692.2	4121640	0.02755	55.37	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121640	0.02783	55.36	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121640	0.02811	55.34	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121640	0.02839	55.36	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121640	0.02868	55.33	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121640	0.02896	55.23	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121640	0.02925	55.16	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121640	0.02955	55	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121640	0.02986	54.94	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121640	0.03018	54.81	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121640	0.03053	54.74	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121640	0.03091	54.71	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121640	0.03134	54.67	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121640	0.03182	54.17	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121640	0.03238	53.9	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121640	0.03306	54.41	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121640	0.03386	54.59	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121640	0.03479	54.6	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121640	0.0359	54.56	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121640	0.0372	54.45	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121640	0.04959	57.43	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121640	0.05242	57.75	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121640	0.05538	58.28	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121640	0.05873	58.28	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121640	0.0625	57.87	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121640	0.06649	57.71	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121640	0.07068	57.94	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121640	0.13838	58.39	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121640	0.14992	58.5	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121640	0.16255	58.45	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121640	0.17585	58.52	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121640	0.19012	58.48	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121640	0.20495	58.5	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121640	0.22049	58.43	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121640	0.23614	58.48	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121640	0.40048	59.56	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121640	0.40457	59.6	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121640	0.40816	59.93	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121640	0.40682	59.99	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121640	0.40521	59.63	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121640	0.40225	59.29	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121660	0.0282	55.82	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121660	0.0285	55.88	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121660	0.02881	55.98	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121660	0.02912	56.04	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121660	0.02944	56.08	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121660	0.02976	56.16	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121660	0.03008	56.3	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121660	0.0304	56.31	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121660	0.03072	56.41	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121660	0.03104	56.49	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121660	0.03137	56.53	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121660	0.0317	56.62	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121660	0.03208	56.48	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121660	0.03246	56.48	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121660	0.03288	56.43	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121660	0.03332	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121660	0.0338	56.62	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121660	0.03437	56.69	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121660	0.03504	56.7	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121660	0.03581	56.82	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121660	0.03673	56.93	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121660	0.03782	57	313.5	1.5	ANNUAL	SRCGP3	5

606072.2	4121660	0.03911	57.11	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121660	0.04441	57.5	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121660	0.04674	57.54	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121660	0.0494	57.43	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121660	0.05228	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121660	0.05538	57.77	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121660	0.05866	58.2	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121660	0.06231	58.32	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121660	0.06632	58.3	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121660	0.07072	58.19	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121660	0.07546	58.25	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121660	0.09365	57.91	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121660	0.12962	57.82	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121660	0.153	58.24	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121660	0.16632	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121660	0.18054	58.56	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121660	0.19584	58.67	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121660	0.21204	58.76	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121660	0.22904	58.81	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121660	0.24674	58.79	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121660	0.26465	58.82	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121660	0.28238	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121660	0.3001	59.01	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121660	0.31728	59.12	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121660	0.33406	59.16	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121660	0.34984	59.27	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121660	0.36505	59.27	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121660	0.38	59.04	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121660	0.44226	59.98	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121660	0.4389	60	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121660	0.43517	59.61	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121660	0.42991	59.27	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121680	0.0334	56.38	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121680	0.03376	56.63	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121680	0.03418	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121680	0.03463	56.13	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121680	0.03508	56.06	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121680	0.03557	56.13	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121680	0.0361	56.27	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121680	0.03669	56.39	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121680	0.03737	56.44	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121680	0.03815	56.56	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121680	0.03909	56.65	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121680	0.04019	56.75	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121680	0.04149	56.9	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121680	0.06248	57.61	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121680	0.06651	57.79	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121680	0.07109	57.57	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121680	0.07607	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121680	0.10144	58	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121680	0.1101	57.92	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121680	0.1302	58.24	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121680	0.23909	58.51	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121680	0.25892	58.53	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121680	0.27917	58.6	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121680	0.29958	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121680	0.31996	58.79	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121680	0.33989	58.91	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121680	0.35932	58.99	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121680	0.37762	59.15	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121680	0.39517	59.22	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121680	0.41176	59.22	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121680	0.42813	58.93	313.5	1.5	ANNUAL	SRCGP3	5

606992.2	4121680	0.47804	59.99	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121680	0.47196	60.02	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121680	0.46542	59.66	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121680	0.45735	59.33	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121700	0.03156	56.02	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121700	0.03194	56.16	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121700	0.03233	56.13	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121700	0.03272	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121700	0.03312	56.18	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121700	0.03352	56.34	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121700	0.03394	56.27	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121700	0.03435	56.35	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121700	0.03478	56.31	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121700	0.03564	56.3	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121700	0.03604	56.64	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121700	0.0365	56.58	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121700	0.03702	56.1	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121700	0.03752	55.98	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121700	0.03804	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121700	0.03862	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121700	0.03926	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121700	0.03998	56.3	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121700	0.04081	56.33	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121700	0.04176	56.43	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121700	0.0429	56.47	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121700	0.04425	56.55	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121700	0.05247	57.05	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121700	0.05545	57.03	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121700	0.05873	57.26	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121700	0.06238	57.51	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121700	0.06646	57.64	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121700	0.07094	57.79	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121700	0.07598	57.66	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121700	0.08158	57.48	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121700	0.11026	58.1	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121700	0.1201	58.07	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121700	0.14337	58.3	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121700	0.17297	58.11	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121700	0.18976	58.18	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121700	0.2082	58.17	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121700	0.22856	57.97	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121700	0.40979	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121700	0.4304	58.8	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121700	0.44988	58.83	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121700	0.46747	58.92	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121700	0.48413	58.82	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121700	0.51465	60.06	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121700	0.50507	60.15	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121700	0.49509	59.85	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121700	0.48421	59.36	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121720	0.03347	56.06	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121720	0.0339	56.11	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121720	0.03433	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121720	0.03477	56.37	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121720	0.03522	56.42	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121720	0.03568	56.44	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121720	0.03614	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121720	0.0366	56.56	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121720	0.03711	56.32	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121720	0.03811	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121720	0.03858	56.58	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121720	0.0391	56.54	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121720	0.03968	56.11	313.5	1.5	ANNUAL	SRCGP3	5

605912.2	4121720	0.04023	56.25	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121720	0.04076	56.64	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121720	0.04137	56.7	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121720	0.04203	56.8	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121720	0.04277	56.89	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121720	0.04363	56.89	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121720	0.04462	56.93	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121720	0.04575	57.1	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121720	0.04713	57.13	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121720	0.05317	56.84	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121720	0.05584	56.98	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121720	0.059	56.97	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121720	0.06252	57.19	313.5	1.5	ANNUAL	SRCGP3	5
606212.2	4121720	0.06647	57.44	313.5	1.5	ANNUAL	SRCGP3	5
606232.2	4121720	0.07092	57.64	313.5	1.5	ANNUAL	SRCGP3	5
606252.2	4121720	0.07589	57.74	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4121720	0.08143	57.76	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121720	0.08775	57.52	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121720	0.12035	58.17	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121720	0.13188	57.99	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121720	0.1586	58.42	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121720	0.19328	58.2	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121720	0.21285	58.35	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121720	0.23417	58.5	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121720	0.25864	58.11	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121720	0.28311	58.3	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121720	0.3083	58.63	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121720	0.33566	58.56	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121720	0.36456	58.23	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121720	0.39208	58.28	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121720	0.41861	58.44	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121720	0.44458	58.51	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121720	0.46994	58.43	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121720	0.49278	58.53	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121720	0.51356	58.65	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121720	0.5324	58.72	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121720	0.5494	58.69	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121720	0.55149	60.13	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121720	0.53853	60.03	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121720	0.52492	59.65	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121720	0.50947	59.45	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121740	0.03556	55.82	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121740	0.03604	55.8	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121740	0.03653	56.02	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121740	0.03704	56.29	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121740	0.03754	56.37	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121740	0.03807	56.18	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121740	0.03861	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121740	0.03913	56.48	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121740	0.0397	56.28	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121740	0.04084	56.19	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121740	0.04139	56.57	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121740	0.042	56.47	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121740	0.04264	56.07	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121740	0.04327	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121740	0.04387	56.62	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121740	0.04454	56.72	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121740	0.04524	56.96	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121740	0.04605	56.96	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121740	0.04698	56.9	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121740	0.048	56.98	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121740	0.04922	56.99	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121740	0.05062	57.09	313.5	1.5	ANNUAL	SRCGP3	5

606392.2	4121740	0.14549	57.93	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121740	0.17645	58.53	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121740	0.21736	58.31	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121740	0.24033	58.55	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121740	0.26599	58.58	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121740	0.29522	58.15	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121740	0.32413	58.38	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121740	0.35354	58.81	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121740	0.38542	58.81	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121740	0.41978	58.35	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121740	0.45106	58.52	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121740	0.48045	58.87	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121740	0.5085	59.18	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121740	0.53895	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121740	0.56349	58.88	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121740	0.5842	59.26	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121740	0.60339	59.4	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121740	0.62359	58.84	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121740	0.63569	59.09	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121740	0.64386	59.44	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121740	0.65018	59.51	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121740	0.65238	59.7	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121740	0.65232	59.67	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121740	0.64834	59.76	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121740	0.64141	59.82	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121740	0.63169	59.86	313.5	1.5	ANNUAL	SRCGP3	5
606952.2	4121740	0.61947	59.88	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121740	0.58942	59.68	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121740	0.57149	59.66	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121740	0.55206	59.72	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121740	0.53203	59.67	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121760	0.03783	55.76	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121760	0.03894	55.75	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121760	0.03951	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121760	0.04009	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121760	0.0413	56.08	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121760	0.0419	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121760	0.04257	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121760	0.04388	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121760	0.04451	56.59	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121760	0.04524	56.33	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121760	0.04596	55.9	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121760	0.04669	55.93	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121760	0.04744	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121760	0.04823	56.29	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121760	0.04896	56.74	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121760	0.04984	56.81	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121760	0.05084	56.76	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121760	0.05195	56.78	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121760	0.05324	56.78	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121760	0.05472	56.83	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121760	0.1459	57.94	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121760	0.19778	58.53	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121760	0.24636	58.37	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121760	0.27359	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121760	0.30483	58.59	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121760	0.33991	58.16	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121760	0.37448	58.4	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121760	0.40933	58.87	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121760	0.44691	58.9	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121760	0.48718	58.46	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121760	0.52358	58.61	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121760	0.55719	58.96	313.5	1.5	ANNUAL	SRCGP3	5

606672.2	4121760	0.58897	59.24	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121760	0.62239	58.84	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121760	0.64898	59	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121760	0.67034	59.4	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121760	0.69018	59.45	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121760	0.71001	58.89	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121760	0.7194	59.24	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121760	0.72469	59.57	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121760	0.72797	59.54	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121760	0.72653	59.59	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121760	0.72149	59.56	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121760	0.71255	59.55	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121760	0.70061	59.45	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121760	0.6852	59.43	313.5	1.5	ANNUAL	SRCGP3	5
606952.2	4121760	0.667	59.45	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121760	0.62333	59.84	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121760	0.59904	60.17	313.5	1.5	ANNUAL	SRCGP3	5
607032.2	4121760	0.5749	60.22	313.5	1.5	ANNUAL	SRCGP3	5
607052.2	4121760	0.5508	60.08	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121780	0.04028	55.73	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121780	0.04155	55.83	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121780	0.04221	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121780	0.04288	56.22	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121780	0.04427	56.07	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121780	0.04498	56.42	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121780	0.04573	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121780	0.04726	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121780	0.04802	56.44	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121780	0.04885	56.27	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121780	0.04967	55.8	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121780	0.05052	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121780	0.05139	56.1	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121780	0.0523	56.16	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121780	0.05408	56.96	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121780	0.05781	56.75	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121780	0.05933	56.91	313.5	1.5	ANNUAL	SRCGP3	5
606132.2	4121780	0.06572	57.48	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121780	0.06888	57.4	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121780	0.07266	57.29	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121780	0.07698	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121780	0.11101	58.1	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121780	0.12116	58.02	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121780	0.16136	58.13	313.5	1.5	ANNUAL	SRCGP3	5
606392.2	4121780	0.17948	58.08	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121780	0.22295	58.64	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121780	0.28135	58.48	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121780	0.31463	58.72	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121780	0.35235	58.64	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121780	0.39448	58.28	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121780	0.4362	58.51	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121780	0.47824	58.93	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121780	0.52345	58.88	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121780	0.57045	58.52	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121780	0.61256	58.69	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121780	0.65102	59.02	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121780	0.68665	59.28	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121780	0.72378	58.84	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121780	0.75122	59.07	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121780	0.77296	59.4	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121780	0.79118	59.52	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121780	0.80939	58.94	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121780	0.81743	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121780	0.81965	59.01	313.5	1.5	ANNUAL	SRCGP3	5

606832.2	4121780	0.81667	59.06	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121780	0.8086	59.13	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121780	0.79559	59.27	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121780	0.77865	59.4	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121780	0.75786	59.61	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121780	0.73432	59.81	313.5	1.5	ANNUAL	SRCGP3	5
606952.2	4121780	0.70857	60	313.5	1.5	ANNUAL	SRCGP3	5
606992.2	4121780	0.65352	60.11	313.5	1.5	ANNUAL	SRCGP3	5
607012.2	4121780	0.62477	60.11	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121800	0.04294	55.57	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121800	0.04439	55.68	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121800	0.04515	56.06	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121800	0.04593	55.93	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121800	0.04754	56.02	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121800	0.04837	56.25	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121800	0.04923	56.05	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121800	0.05101	56.14	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121800	0.0519	56.47	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121800	0.05287	56.29	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121800	0.05384	55.74	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121800	0.05483	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121800	0.05578	56.58	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121800	0.05679	56.73	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121800	0.05893	57.08	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121800	0.06306	56.84	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121800	0.06459	57.22	313.5	1.5	ANNUAL	SRCGP3	5
606152.2	4121800	0.0746	57.69	313.5	1.5	ANNUAL	SRCGP3	5
606172.2	4121800	0.07863	57.51	313.5	1.5	ANNUAL	SRCGP3	5
606192.2	4121800	0.08327	57.58	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4121800	0.12116	58.16	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4121800	0.13253	58.27	313.5	1.5	ANNUAL	SRCGP3	5
606372.2	4121800	0.17986	58.12	313.5	1.5	ANNUAL	SRCGP3	5
606432.2	4121800	0.2535	58.67	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121800	0.32469	58.48	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121800	0.36552	58.7	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121800	0.41125	58.72	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121800	0.46053	58.73	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121800	0.51185	58.84	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121800	0.56425	59	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121800	0.61829	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121800	0.67086	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121800	0.72025	59.03	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121800	0.76508	59.2	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121800	0.80545	59.33	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121800	0.84133	59.34	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121800	0.87044	59.41	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121800	0.89238	59.54	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121800	0.90832	59.57	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121800	0.92247	59	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121800	0.92135	59.39	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121800	0.91613	59.5	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121800	0.90471	59.63	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121800	0.88818	59.71	313.5	1.5	ANNUAL	SRCGP3	5
606872.2	4121800	0.86646	59.85	313.5	1.5	ANNUAL	SRCGP3	5
606892.2	4121800	0.84084	59.97	313.5	1.5	ANNUAL	SRCGP3	5
606912.2	4121800	0.81191	60.1	313.5	1.5	ANNUAL	SRCGP3	5
606932.2	4121800	0.78147	60.03	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121860	0.0521	55.39	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121860	0.05317	54.86	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121860	0.05433	55.28	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121860	0.05552	55.7	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121860	0.05673	55.67	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121860	0.05796	55.24	313.5	1.5	ANNUAL	SRCGP3	5

605752.2	4121860	0.05927	55.53	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121860	0.06062	55.85	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121860	0.062	56.02	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121860	0.06342	55.58	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121860	0.0649	55.82	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121860	0.06642	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121860	0.06799	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121860	0.06961	55.73	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121860	0.07129	56.03	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121860	0.07299	56.36	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121860	0.07471	56.55	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121860	0.07649	56.72	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121860	0.07834	56.84	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121860	0.08025	57.02	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121860	0.08225	57.18	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121860	0.08442	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121860	0.08685	57.16	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121860	1.17537	58.8	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121860	1.24052	59.3	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121860	1.29442	59.65	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121860	1.33958	59.6	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121860	1.36838	59.59	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121860	1.37998	59.68	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121860	1.37903	59.59	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121860	1.36323	59.56	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121860	1.33892	59.2	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121860	1.29703	59.44	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121860	1.24829	59.57	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121860	1.19366	59.67	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121860	1.13458	59.79	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121880	0.05557	55.56	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121880	0.0568	54.97	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121880	0.05814	55.5	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121880	0.05951	55.91	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121880	0.06092	55.81	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121880	0.06235	55.32	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121880	0.06389	55.72	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121880	0.06546	56.18	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121880	0.06708	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121880	0.06876	55.63	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121880	0.07051	55.9	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121880	0.0723	56.41	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121880	0.07415	56.49	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121880	0.07615	55.84	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121880	0.07816	56.09	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121880	0.08025	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121880	0.08232	56.53	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121880	0.08449	56.7	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121880	0.08672	56.92	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121880	0.08904	57.09	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121880	0.09145	57.3	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121880	0.09402	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121880	0.09675	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121880	0.55099	58.72	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121880	0.64446	58.93	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121880	0.75165	58.94	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121880	0.86855	58.94	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121880	0.99059	58.99	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121880	1.11457	58.98	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121880	1.24143	58.58	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121880	1.35241	58.55	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121880	1.44149	58.89	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121880	1.50825	59.44	313.5	1.5	ANNUAL	SRCGP3	5

606652.2	4121880	1.55785	59.84	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121880	1.59757	59.63	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121880	1.61112	59.68	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121880	1.60402	59.76	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121880	1.58043	59.73	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121880	1.54108	59.69	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121880	1.49265	59.33	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121880	1.42628	59.59	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121880	1.35425	59.76	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121880	1.27809	59.92	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121880	1.20023	60.04	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121900	0.05923	55.74	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121900	0.06064	54.98	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121900	0.06217	55.45	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121900	0.06376	55.88	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121900	0.06539	55.94	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121900	0.06706	55.35	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121900	0.06885	55.74	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121900	0.07069	56.28	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121900	0.0726	56.2	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121900	0.07458	55.66	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121900	0.07666	56.01	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121900	0.07876	56.52	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121900	0.08098	56.6	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121900	0.08341	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121900	0.08584	55.86	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121900	0.08837	55.96	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121900	0.09101	56.1	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121900	0.09373	56.34	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121900	0.09653	56.46	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121900	0.09944	56.6	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121900	0.10248	56.73	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121900	0.1055	57.12	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121900	0.10863	57.56	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121900	0.67359	58.71	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121900	0.79762	58.9	313.5	1.5	ANNUAL	SRCGP3	5
606492.2	4121900	0.93892	58.94	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121900	1.09205	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121900	1.25056	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606552.2	4121900	1.40601	58.98	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121900	1.55913	58.66	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121900	1.68693	58.66	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121900	1.78289	58.96	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121900	1.84525	59.49	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121900	1.88279	59.84	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121900	1.90507	59.56	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121900	1.88849	59.8	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121900	1.85181	59.84	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121900	1.79602	59.8	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121900	1.72446	59.72	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121900	1.64159	59.58	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121900	1.54809	59.64	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121900	1.45057	59.69	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121900	1.35196	59.73	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121900	1.2543	59.79	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121920	0.06307	55.77	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121920	0.06469	55.08	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121920	0.06645	55.52	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121920	0.06827	55.96	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121920	0.07016	56.03	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121920	0.0721	55.4	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121920	0.07418	55.84	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121920	0.07632	56.25	313.5	1.5	ANNUAL	SRCGP3	5

605792.2	4121920	0.07856	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121920	0.0809	55.71	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121920	0.08336	56.11	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121920	0.08584	56.61	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121920	0.08854	56.54	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121920	0.09143	55.89	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121920	0.09436	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121920	0.09732	56.6	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121920	0.10045	56.78	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121920	0.10373	56.94	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121920	0.10719	57.03	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121920	0.11075	57.22	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121920	0.1145	57.35	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121920	0.1184	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121920	0.12254	57.65	313.5	1.5	ANNUAL	SRCGP3	5
606452.2	4121920	0.83907	58.81	313.5	1.5	ANNUAL	SRCGP3	5
606472.2	4121920	1.00879	58.89	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121920	1.60832	58.98	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121920	1.97644	59.02	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121920	2.1196	58.95	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121920	2.21768	59.06	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121920	2.26166	59.57	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121920	2.26974	59.92	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121920	2.2542	59.72	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121920	2.18885	60.21	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121920	2.10539	60.37	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121920	2.00575	60.34	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121920	1.89179	60.33	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121920	1.77077	60.24	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121920	1.64516	60.23	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121920	1.51961	60.26	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121920	1.39725	60.32	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121920	1.28203	60.2	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121940	0.0671	55.83	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121940	0.06899	55.73	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121940	0.07097	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121940	0.07304	56.07	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121940	0.07521	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121940	0.07748	56.07	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121940	0.07986	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121940	0.08235	56.32	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121940	0.08498	56.19	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121940	0.08773	55.69	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121940	0.09063	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121940	0.09358	56.6	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121940	0.09676	56.63	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121940	0.10025	55.91	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121940	0.10375	56.41	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121940	0.10731	56.79	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121940	0.11112	57.02	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121940	0.1152	57.1	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121940	0.1195	57.15	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121940	0.12391	57.41	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121940	0.12862	57.53	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121940	0.13364	57.57	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121940	0.13895	57.6	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121940	2.10815	59.13	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121940	2.53977	59.3	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121940	2.69011	59.07	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121940	2.76493	59.18	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121940	2.7652	59.68	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121940	2.72123	59.92	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121940	2.64483	59.72	313.5	1.5	ANNUAL	SRCGP3	5

606692.2	4121940	2.5127	60.26	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121940	2.36463	60.53	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121940	2.20985	60.42	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121940	2.04496	60.44	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121940	1.87832	60.53	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121940	1.71642	60.59	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121940	1.5605	60.79	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121940	1.41354	60.82	313.5	1.5	ANNUAL	SRCGP3	5
606852.2	4121940	1.28651	60.44	313.5	1.5	ANNUAL	SRCGP3	5
605632.2	4121960	0.07132	55.85	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121960	0.07346	55.89	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121960	0.07571	56.01	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121960	0.07807	56.04	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121960	0.08055	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121960	0.08316	56.23	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121960	0.08591	56.25	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121960	0.08878	56.37	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121960	0.09186	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121960	0.09508	55.81	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121960	0.09844	56.44	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121960	0.10194	56.7	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121960	0.10577	56.59	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121960	0.10992	55.98	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121960	0.11411	56.44	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121960	0.11854	56.62	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4121960	0.12319	56.88	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121960	0.12828	56.82	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121960	0.13359	56.93	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121960	0.13921	57.06	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121960	0.14511	57.27	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121960	0.15152	57.27	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121960	0.1583	57.32	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121960	3.30596	59.37	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121960	3.43298	59.04	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121960	3.43793	59.3	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121960	3.35405	59.78	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121960	3.2237	59.85	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121960	3.05356	59.68	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121960	2.83033	60.27	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121960	2.60432	60.5	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121960	2.39073	59.99	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121960	2.16575	60.21	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121960	1.95443	60.29	313.5	1.5	ANNUAL	SRCGP3	5
606792.2	4121960	1.75837	60.3	313.5	1.5	ANNUAL	SRCGP3	5
606812.2	4121960	1.56685	60.95	313.5	1.5	ANNUAL	SRCGP3	5
606832.2	4121960	1.40298	61.06	313.49	1.5	ANNUAL	SRCGP3	5
606852.2	4121960	1.26457	60.64	313.49	1.5	ANNUAL	SRCGP3	5
605632.2	4121980	0.0757	55.56	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4121980	0.07812	55.59	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4121980	0.08066	55.6	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4121980	0.08335	55.62	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4121980	0.08619	55.76	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4121980	0.08917	55.91	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4121980	0.09233	56.03	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4121980	0.09567	56.13	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4121980	0.0992	56.02	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4121980	0.10296	56.01	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4121980	0.10685	56.54	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4121980	0.111	56.74	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4121980	0.11562	56.39	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4121980	0.12046	56.1	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4121980	0.12556	56.29	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4121980	0.13099	56.33	313.5	1.5	ANNUAL	SRCGP3	5

605952.2	4121980	0.13683	56.28	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4121980	0.14305	56.31	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4121980	0.14961	56.46	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4121980	0.15669	56.53	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4121980	0.16435	56.51	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4121980	0.17252	56.55	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4121980	0.18119	56.68	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4121980	3.44497	59.33	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4121980	3.87766	59.19	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4121980	4.32572	59.39	313.5	1.5	ANNUAL	SRCGP3	5
606592.2	4121980	4.35583	59.17	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4121980	4.23273	59.39	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4121980	4.00745	59.8	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4121980	3.74026	59.8	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4121980	3.44304	59.63	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4121980	3.10827	60.23	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4121980	2.7959	60.31	313.5	1.5	ANNUAL	SRCGP3	5
606732.2	4121980	2.50885	59.92	313.5	1.5	ANNUAL	SRCGP3	5
606752.2	4121980	2.22044	60.62	313.5	1.5	ANNUAL	SRCGP3	5
606772.2	4121980	1.96933	60.75	313.49	1.5	ANNUAL	SRCGP3	5
606792.2	4121980	1.75038	60.42	313.49	1.5	ANNUAL	SRCGP3	5
606812.2	4121980	1.53861	61.02	312.87	1.5	ANNUAL	SRCGP3	5
606832.2	4121980	1.361	61.24	61.24	1.5	ANNUAL	SRCGP3	5
606852.2	4121980	1.21114	60.87	60.87	1.5	ANNUAL	SRCGP3	5
605632.2	4122000	0.08024	55.03	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4122000	0.08296	55.11	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4122000	0.08583	55.17	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4122000	0.08886	55.28	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4122000	0.09207	55.34	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4122000	0.09547	55.33	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4122000	0.09908	55.43	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4122000	0.10292	55.47	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4122000	0.10701	55.61	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4122000	0.11138	56.01	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4122000	0.11591	56.55	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4122000	0.12076	56.76	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4122000	0.12624	56.29	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4122000	0.13191	56.27	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4122000	0.13772	56.8	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4122000	0.14416	56.92	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4122000	0.15142	56.5	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4122000	0.15901	56.47	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4122000	0.16679	56.97	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4122000	0.17544	57.12	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4122000	0.18533	56.72	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4122000	0.19565	56.73	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4122000	0.20622	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4122000	0.45213	58.13	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4122000	0.51263	58.23	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4122000	0.59782	58.26	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4122000	0.72221	58.24	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4122000	4.904	59.49	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4122000	5.38785	59.37	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4122000	5.10541	59.48	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4122000	4.6598	59.92	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4122000	4.20541	59.92	313.5	1.5	ANNUAL	SRCGP3	5
606672.2	4122000	3.75453	59.77	313.5	1.5	ANNUAL	SRCGP3	5
606692.2	4122000	3.30299	60.24	313.5	1.5	ANNUAL	SRCGP3	5
606712.2	4122000	2.90232	60.26	313.49	1.5	ANNUAL	SRCGP3	5
606732.2	4122000	2.55131	59.84	313.49	1.5	ANNUAL	SRCGP3	5
606752.2	4122000	2.21805	60.49	313.48	1.5	ANNUAL	SRCGP3	5
606772.2	4122000	1.92668	60.84	60.84	1.5	ANNUAL	SRCGP3	5
606792.2	4122000	1.69612	60.49	60.49	1.5	ANNUAL	SRCGP3	5

606812.2	4122000	1.47266	61.1	61.1	1.5	ANNUAL	SRCGP3	5
606832.2	4122000	1.2915	61.23	61.23	1.5	ANNUAL	SRCGP3	5
606852.2	4122000	1.14073	60.87	60.87	1.5	ANNUAL	SRCGP3	5
605632.2	4122020	0.08506	55.56	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4122020	0.0881	55.7	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4122020	0.0913	55.68	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4122020	0.09472	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4122020	0.09834	55.92	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4122020	0.1022	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4122020	0.10631	55.86	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4122020	0.11069	55.89	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4122020	0.11536	56.08	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4122020	0.12036	56.26	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4122020	0.12563	56.52	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4122020	0.13124	56.81	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4122020	0.13751	56.61	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4122020	0.14417	56.61	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4122020	0.15121	56.85	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4122020	0.1589	56.95	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4122020	0.16741	56.8	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4122020	0.17655	56.79	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4122020	0.18625	57.07	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4122020	0.19688	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4122020	0.20897	56.99	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4122020	0.22196	56.95	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4122020	0.23575	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4122020	0.50242	58.35	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4122020	0.55383	59.31	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4122020	0.63055	59.32	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4122020	0.73962	59.3	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4122020	0.9067	59.14	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4122020	7.17338	59.43	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4122020	7.56543	59.46	313.5	1.5	ANNUAL	SRCGP3	5
606612.2	4122020	5.95219	59.61	313.5	1.5	ANNUAL	SRCGP3	5
606632.2	4122020	5.22385	59.97	313.5	1.5	ANNUAL	SRCGP3	5
606652.2	4122020	4.55174	59.95	313.49	1.5	ANNUAL	SRCGP3	5
606672.2	4122020	3.93924	59.85	313.49	1.5	ANNUAL	SRCGP3	5
606692.2	4122020	3.37755	60.25	313.48	1.5	ANNUAL	SRCGP3	5
606712.2	4122020	2.90288	60.24	60.24	1.5	ANNUAL	SRCGP3	5
606732.2	4122020	2.50557	59.77	59.77	1.5	ANNUAL	SRCGP3	5
606752.2	4122020	2.14333	60.42	60.42	1.5	ANNUAL	SRCGP3	5
606772.2	4122020	1.83452	60.85	60.85	1.5	ANNUAL	SRCGP3	5
606792.2	4122020	1.59937	60.48	60.48	1.5	ANNUAL	SRCGP3	5
606812.2	4122020	1.37565	61.07	61.07	1.5	ANNUAL	SRCGP3	5
606832.2	4122020	1.2	61.04	61.04	1.5	ANNUAL	SRCGP3	5
606852.2	4122020	1.06004	60.63	60.63	1.5	ANNUAL	SRCGP3	5
605632.2	4122040	0.09006	55.8	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4122040	0.09343	55.84	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4122040	0.09701	55.92	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4122040	0.10083	56	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4122040	0.1049	56.09	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4122040	0.10924	56.09	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4122040	0.11388	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4122040	0.11885	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4122040	0.12419	56.3	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4122040	0.12985	56.49	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4122040	0.13597	56.6	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4122040	0.14256	56.73	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4122040	0.14975	56.74	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4122040	0.15748	56.83	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4122040	0.16585	56.95	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4122040	0.17496	57.07	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4122040	0.185	57.05	313.5	1.5	ANNUAL	SRCGP3	5

605972.2	4122040	0.1959	57.14	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4122040	0.20784	57.23	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4122040	0.22104	57.25	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4122040	0.23564	57.24	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4122040	0.25174	57.27	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4122040	0.2695	57.36	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4122040	0.63678	58.46	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4122040	0.71039	59.32	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4122040	0.8161	59.36	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4122040	0.96626	59.37	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4122040	1.20376	59.25	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4122040	10.62301	59.41	313.5	1.5	ANNUAL	SRCGP3	5
606532.2	4122040	10.57785	59.52	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4122040	8.89407	59.64	313.49	1.5	ANNUAL	SRCGP3	5
606592.2	4122040	7.77269	59.39	313.49	1.5	ANNUAL	SRCGP3	5
606612.2	4122040	6.61582	59.7	313.48	1.5	ANNUAL	SRCGP3	5
606632.2	4122040	5.58125	59.94	313.48	1.5	ANNUAL	SRCGP3	5
606652.2	4122040	4.70198	59.87	312.87	1.5	ANNUAL	SRCGP3	5
606672.2	4122040	3.95281	59.82	59.82	1.5	ANNUAL	SRCGP3	5
606692.2	4122040	3.3084	60.25	60.25	1.5	ANNUAL	SRCGP3	5
606712.2	4122040	2.78928	60.23	60.23	1.5	ANNUAL	SRCGP3	5
606732.2	4122040	2.37221	59.7	59.7	1.5	ANNUAL	SRCGP3	5
606752.2	4122040	2.00296	60.35	60.35	1.5	ANNUAL	SRCGP3	5
606772.2	4122040	1.70411	60.76	60.76	1.5	ANNUAL	SRCGP3	5
606792.2	4122040	1.47	60.31	60.31	1.5	ANNUAL	SRCGP3	5
606812.2	4122040	1.25706	60.87	60.87	1.5	ANNUAL	SRCGP3	5
606832.2	4122040	1.09263	60.81	60.81	1.5	ANNUAL	SRCGP3	5
606852.2	4122040	0.96236	60.43	60.43	1.5	ANNUAL	SRCGP3	5
605632.2	4122060	0.09522	55.67	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4122060	0.09897	55.84	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4122060	0.10296	55.99	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4122060	0.10721	55.85	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4122060	0.11177	55.86	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4122060	0.11665	55.96	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4122060	0.12189	56.03	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4122060	0.12753	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4122060	0.1336	56.17	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4122060	0.14015	56.29	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4122060	0.14718	56.42	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4122060	0.15481	56.51	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4122060	0.16309	56.61	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4122060	0.17216	56.64	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4122060	0.18186	56.94	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4122060	0.19262	57.06	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4122060	0.2046	56.99	313.5	1.5	ANNUAL	SRCGP3	5
605972.2	4122060	0.2174	57.33	313.5	1.5	ANNUAL	SRCGP3	5
605992.2	4122060	0.23185	57.38	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4122060	0.24793	57.39	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4122060	0.26565	57.52	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4122060	0.2859	57.38	313.5	1.5	ANNUAL	SRCGP3	5
606072.2	4122060	0.30832	57.42	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4122060	0.82283	58.86	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4122060	0.94042	59.32	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4122060	1.10035	59.41	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4122060	1.33111	59.3	313.5	1.5	ANNUAL	SRCGP3	5
606352.2	4122060	1.69307	59.31	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4122060	10.27579	59.95	59.95	1.5	ANNUAL	SRCGP3	5
606592.2	4122060	8.50672	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606612.2	4122060	6.91236	59.76	59.76	1.5	ANNUAL	SRCGP3	5
606632.2	4122060	5.62529	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606652.2	4122060	4.59822	59.82	59.82	1.5	ANNUAL	SRCGP3	5
606672.2	4122060	3.77428	59.76	59.76	1.5	ANNUAL	SRCGP3	5
606692.2	4122060	3.10035	60.13	60.13	1.5	ANNUAL	SRCGP3	5

606712.2	4122060	2.57394	60.16	60.16	1.5	ANNUAL	SRCGP3	5
606732.2	4122060	2.16359	59.71	59.71	1.5	ANNUAL	SRCGP3	5
606752.2	4122060	1.81097	60.34	60.34	1.5	ANNUAL	SRCGP3	5
606772.2	4122060	1.53471	60.53	60.53	1.5	ANNUAL	SRCGP3	5
606792.2	4122060	1.31873	60.11	60.11	1.5	ANNUAL	SRCGP3	5
606812.2	4122060	1.12888	60.76	60.76	1.5	ANNUAL	SRCGP3	5
606832.2	4122060	0.98041	60.69	60.69	1.5	ANNUAL	SRCGP3	5
606852.2	4122060	0.85952	60.34	60.34	1.5	ANNUAL	SRCGP3	5
607052.2	4122060	0.29993	60.26	60.26	1.5	ANNUAL	SRCGP3	5
605632.2	4122080	0.10062	55.28	313.5	1.5	ANNUAL	SRCGP3	5
605652.2	4122080	0.10479	55.67	313.5	1.5	ANNUAL	SRCGP3	5
605672.2	4122080	0.10923	55.87	313.5	1.5	ANNUAL	SRCGP3	5
605692.2	4122080	0.11392	55.44	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4122080	0.11903	55.65	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4122080	0.1245	55.76	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4122080	0.13038	55.69	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4122080	0.13675	55.78	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4122080	0.14362	55.93	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4122080	0.15108	55.93	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4122080	0.15919	55.94	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4122080	0.16802	56.12	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4122080	0.17767	56.24	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4122080	0.18825	56.21	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4122080	0.19977	56.4	313.5	1.5	ANNUAL	SRCGP3	5
605932.2	4122080	0.21244	56.54	313.5	1.5	ANNUAL	SRCGP3	5
605952.2	4122080	0.22664	56.52	313.5	1.5	ANNUAL	SRCGP3	5
606272.2	4122080	1.09508	58.81	313.5	1.5	ANNUAL	SRCGP3	5
606292.2	4122080	1.28842	59.28	313.5	1.5	ANNUAL	SRCGP3	5
606312.2	4122080	1.56019	59.33	313.5	1.5	ANNUAL	SRCGP3	5
606332.2	4122080	1.95651	59.3	313.49	1.5	ANNUAL	SRCGP3	5
606352.2	4122080	2.57566	59.48	313.49	1.5	ANNUAL	SRCGP3	5
606572.2	4122080	10.93986	59.94	59.94	1.5	ANNUAL	SRCGP3	5
606592.2	4122080	8.61556	59.46	59.46	1.5	ANNUAL	SRCGP3	5
606612.2	4122080	6.76311	59.42	59.42	1.5	ANNUAL	SRCGP3	5
606632.2	4122080	5.33497	59.57	59.57	1.5	ANNUAL	SRCGP3	5
606652.2	4122080	4.25401	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606672.2	4122080	3.4293	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606692.2	4122080	2.7868	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606712.2	4122080	2.2905	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606732.2	4122080	1.90403	59.86	59.86	1.5	ANNUAL	SRCGP3	5
606752.2	4122080	1.59032	60.33	60.33	1.5	ANNUAL	SRCGP3	5
606772.2	4122080	1.34756	60.39	60.39	1.5	ANNUAL	SRCGP3	5
606792.2	4122080	1.15887	59.93	59.93	1.5	ANNUAL	SRCGP3	5
606812.2	4122080	0.99409	60.46	60.46	1.5	ANNUAL	SRCGP3	5
606892.2	4122080	0.5934	60.42	60.42	1.5	ANNUAL	SRCGP3	5
606912.2	4122080	0.52956	60.49	60.49	1.5	ANNUAL	SRCGP3	5
606932.2	4122080	0.47659	60.24	60.24	1.5	ANNUAL	SRCGP3	5
605632.2	4122100	0.10629	55.21	313.49	1.5	ANNUAL	SRCGP3	5
605652.2	4122100	0.11088	55.57	313.49	1.5	ANNUAL	SRCGP3	5
605672.2	4122100	0.11579	55.76	313.49	1.5	ANNUAL	SRCGP3	5
605692.2	4122100	0.12098	55.3	313.5	1.5	ANNUAL	SRCGP3	5
605712.2	4122100	0.1267	55.89	313.5	1.5	ANNUAL	SRCGP3	5
605732.2	4122100	0.1328	56.15	313.5	1.5	ANNUAL	SRCGP3	5
605752.2	4122100	0.1394	55.79	313.5	1.5	ANNUAL	SRCGP3	5
605772.2	4122100	0.14655	55.89	313.5	1.5	ANNUAL	SRCGP3	5
605792.2	4122100	0.15431	56.3	313.5	1.5	ANNUAL	SRCGP3	5
605812.2	4122100	0.16277	56.22	313.5	1.5	ANNUAL	SRCGP3	5
605832.2	4122100	0.17201	55.9	313.5	1.5	ANNUAL	SRCGP3	5
605852.2	4122100	0.1819	56.57	313.5	1.5	ANNUAL	SRCGP3	5
605872.2	4122100	0.19255	57.11	313.5	1.5	ANNUAL	SRCGP3	5
605892.2	4122100	0.20521	56.55	313.5	1.5	ANNUAL	SRCGP3	5
605912.2	4122100	0.21845	56.81	313.5	1.5	ANNUAL	SRCGP3	5
606572.2	4122100	10.56688	59.9	59.9	1.5	ANNUAL	SRCGP3	5

606592.2	4122100	7.99475	59.6	59.6	1.5	ANNUAL	SRCGP3	5
606612.2	4122100	6.08024	59.76	59.76	1.5	ANNUAL	SRCGP3	5
606632.2	4122100	4.70173	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606652.2	4122100	3.69181	59.93	59.93	1.5	ANNUAL	SRCGP3	5
606672.2	4122100	2.94321	60.02	60.02	1.5	ANNUAL	SRCGP3	5
606692.2	4122100	2.3838	60.02	60.02	1.5	ANNUAL	SRCGP3	5
606712.2	4122100	1.96139	59.86	59.86	1.5	ANNUAL	SRCGP3	5
606852.2	4122100	0.6667	60.08	60.08	1.5	ANNUAL	SRCGP3	5
606872.2	4122100	0.59105	60.09	60.09	1.5	ANNUAL	SRCGP3	5
606892.2	4122100	0.52526	60.5	60.5	1.5	ANNUAL	SRCGP3	5
606912.2	4122100	0.47196	60.39	60.39	1.5	ANNUAL	SRCGP3	5
606932.2	4122100	0.42727	60.04	60.04	1.5	ANNUAL	SRCGP3	5
605632.2	4122120	0.11224	55.07	313.48	1.5	ANNUAL	SRCGP3	5
605652.2	4122120	0.11731	55.54	313.48	1.5	ANNUAL	SRCGP3	5
605672.2	4122120	0.12271	55.64	313.48	1.5	ANNUAL	SRCGP3	5
605692.2	4122120	0.12846	55.21	313.48	1.5	ANNUAL	SRCGP3	5
605712.2	4122120	0.13482	55.84	313.48	1.5	ANNUAL	SRCGP3	5
605732.2	4122120	0.14161	56.25	313.48	1.5	ANNUAL	SRCGP3	5
605752.2	4122120	0.14899	55.78	313.49	1.5	ANNUAL	SRCGP3	5
605772.2	4122120	0.15702	56.01	313.49	1.5	ANNUAL	SRCGP3	5
605792.2	4122120	0.16569	56.41	313.48	1.5	ANNUAL	SRCGP3	5
605812.2	4122120	0.17533	56.21	313.49	1.5	ANNUAL	SRCGP3	5
605832.2	4122120	0.18582	56.07	313.49	1.5	ANNUAL	SRCGP3	5
605852.2	4122120	0.19702	56.68	313.49	1.5	ANNUAL	SRCGP3	5
605872.2	4122120	0.20927	57.19	313.48	1.5	ANNUAL	SRCGP3	5
605992.2	4122120	0.32435	56.39	313.5	1.5	ANNUAL	SRCGP3	5
606012.2	4122120	0.3528	56.49	313.5	1.5	ANNUAL	SRCGP3	5
606032.2	4122120	0.38569	56.49	313.5	1.5	ANNUAL	SRCGP3	5
606052.2	4122120	0.42345	56.56	313.5	1.5	ANNUAL	SRCGP3	5
606512.2	4122120	26.44525	59.65	59.65	1.5	ANNUAL	SRCGP3	5
606532.2	4122120	18.41024	59.75	59.75	1.5	ANNUAL	SRCGP3	5
606552.2	4122120	12.97791	59.79	59.79	1.5	ANNUAL	SRCGP3	5
606572.2	4122120	9.3181	59.76	59.76	1.5	ANNUAL	SRCGP3	5
606592.2	4122120	6.84439	59.62	59.62	1.5	ANNUAL	SRCGP3	5
606772.2	4122120	0.99152	59.99	59.99	1.5	ANNUAL	SRCGP3	5
606792.2	4122120	0.85804	59.97	59.97	1.5	ANNUAL	SRCGP3	5
606812.2	4122120	0.74998	59.86	59.86	1.5	ANNUAL	SRCGP3	5
606852.2	4122120	0.58386	60.05	60.05	1.5	ANNUAL	SRCGP3	5
606872.2	4122120	0.52111	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606892.2	4122120	0.46685	60.26	60.26	1.5	ANNUAL	SRCGP3	5
606912.2	4122120	0.42189	60.16	60.16	1.5	ANNUAL	SRCGP3	5
605632.2	4122140	0.11854	55.08	312.88	1.5	ANNUAL	SRCGP3	5
605652.2	4122140	0.12411	55.55	312.88	1.5	ANNUAL	SRCGP3	5
605672.2	4122140	0.13003	55.41	313.48	1.5	ANNUAL	SRCGP3	5
605692.2	4122140	0.13642	55.22	313.48	1.5	ANNUAL	SRCGP3	5
605712.2	4122140	0.14347	55.78	313.48	1.5	ANNUAL	SRCGP3	5
605732.2	4122140	0.15103	56.21	312.88	1.5	ANNUAL	SRCGP3	5
605752.2	4122140	0.15924	55.7	313.48	1.5	ANNUAL	SRCGP3	5
605772.2	4122140	0.16824	56.11	313.48	1.5	ANNUAL	SRCGP3	5
605792.2	4122140	0.17794	56.46	313.48	1.5	ANNUAL	SRCGP3	5
605812.2	4122140	0.18886	56.13	313.48	1.5	ANNUAL	SRCGP3	5
605832.2	4122140	0.20075	56.24	313.48	1.5	ANNUAL	SRCGP3	5
605852.2	4122140	0.21347	56.73	313.48	1.5	ANNUAL	SRCGP3	5
605932.2	4122140	0.28336	56.22	313.48	1.5	ANNUAL	SRCGP3	5
605952.2	4122140	0.30647	56.11	313.48	1.5	ANNUAL	SRCGP3	5
605972.2	4122140	0.33258	56.35	313.48	1.5	ANNUAL	SRCGP3	5
605992.2	4122140	0.36258	56.34	313.48	1.5	ANNUAL	SRCGP3	5
606012.2	4122140	0.39716	56.31	313.48	1.5	ANNUAL	SRCGP3	5
606032.2	4122140	0.4371	56.32	313.48	1.5	ANNUAL	SRCGP3	5
606052.2	4122140	0.48379	56.32	313.48	1.5	ANNUAL	SRCGP3	5
606072.2	4122140	0.53791	56.51	313.48	1.5	ANNUAL	SRCGP3	5
606132.2	4122140	0.76646	58.06	58.06	1.5	ANNUAL	SRCGP3	5
606152.2	4122140	0.88263	58.04	58.04	1.5	ANNUAL	SRCGP3	5

606172.2	4122140	1.02703	58.19	58.19	1.5	ANNUAL	SRCGP3	5
606652.2	4122140	2.44091	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606672.2	4122140	1.96277	59.96	59.96	1.5	ANNUAL	SRCGP3	5
606712.2	4122140	1.34247	60.03	60.03	1.5	ANNUAL	SRCGP3	5
606732.2	4122140	1.13527	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606752.2	4122140	0.97277	59.97	59.97	1.5	ANNUAL	SRCGP3	5
606772.2	4122140	0.84111	60.02	60.02	1.5	ANNUAL	SRCGP3	5
606792.2	4122140	0.73454	60.03	60.03	1.5	ANNUAL	SRCGP3	5
606812.2	4122140	0.64952	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606832.2	4122140	0.57388	60.06	60.06	1.5	ANNUAL	SRCGP3	5
606852.2	4122140	0.51338	59.93	59.93	1.5	ANNUAL	SRCGP3	5
605632.2	4122160	0.12524	55.27	292.97	1.5	ANNUAL	SRCGP3	5
605652.2	4122160	0.13132	55.59	292.97	1.5	ANNUAL	SRCGP3	5
605672.2	4122160	0.13783	55.4	292.97	1.5	ANNUAL	SRCGP3	5
605692.2	4122160	0.14491	55.38	292.97	1.5	ANNUAL	SRCGP3	5
605712.2	4122160	0.15267	55.91	292.97	1.5	ANNUAL	SRCGP3	5
605732.2	4122160	0.16106	56.02	292.97	1.5	ANNUAL	SRCGP3	5
605752.2	4122160	0.17019	55.6	292.97	1.5	ANNUAL	SRCGP3	5
605772.2	4122160	0.18027	56.19	292.97	1.5	ANNUAL	SRCGP3	5
605792.2	4122160	0.1912	56.42	292.97	1.5	ANNUAL	SRCGP3	5
605812.2	4122160	0.20348	55.93	292.97	1.5	ANNUAL	SRCGP3	5
605832.2	4122160	0.21694	56.28	292.97	1.5	ANNUAL	SRCGP3	5
605912.2	4122160	0.28812	56.36	292.97	1.5	ANNUAL	SRCGP3	5
605932.2	4122160	0.31197	56.3	292.97	1.5	ANNUAL	SRCGP3	5
605952.2	4122160	0.33903	56.12	292.97	1.5	ANNUAL	SRCGP3	5
605972.2	4122160	0.36997	56.11	292.97	1.5	ANNUAL	SRCGP3	5
605992.2	4122160	0.40559	56.22	292.97	1.5	ANNUAL	SRCGP3	5
606012.2	4122160	0.44694	56.15	56.15	1.5	ANNUAL	SRCGP3	5
606032.2	4122160	0.49527	56.14	56.14	1.5	ANNUAL	SRCGP3	5
606052.2	4122160	0.5523	56.19	56.19	1.5	ANNUAL	SRCGP3	5
606072.2	4122160	0.61915	56.49	56.49	1.5	ANNUAL	SRCGP3	5
606132.2	4122160	0.91064	58.03	58.03	1.5	ANNUAL	SRCGP3	5
606152.2	4122160	1.0621	58.1	58.1	1.5	ANNUAL	SRCGP3	5
606172.2	4122160	1.25549	58.22	58.22	1.5	ANNUAL	SRCGP3	5
606512.2	4122160	19.3338	59.43	59.43	1.5	ANNUAL	SRCGP3	5
606532.2	4122160	12.07357	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606552.2	4122160	7.95416	59.57	59.57	1.5	ANNUAL	SRCGP3	5
606652.2	4122160	1.90786	59.85	59.85	1.5	ANNUAL	SRCGP3	5
606672.2	4122160	1.56398	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606712.2	4122160	1.10319	60	60	1.5	ANNUAL	SRCGP3	5
606732.2	4122160	0.94594	60	60	1.5	ANNUAL	SRCGP3	5
606752.2	4122160	0.82035	59.96	59.96	1.5	ANNUAL	SRCGP3	5
606772.2	4122160	0.71808	59.93	59.93	1.5	ANNUAL	SRCGP3	5
606792.2	4122160	0.63396	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606872.2	4122160	0.41143	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606892.2	4122160	0.37406	59.78	59.78	1.5	ANNUAL	SRCGP3	5
606912.2	4122160	0.34134	59.92	59.92	1.5	ANNUAL	SRCGP3	5
605632.2	4122180	0.13231	55.2	292.97	1.5	ANNUAL	SRCGP3	5
605652.2	4122180	0.13896	55.38	292.97	1.5	ANNUAL	SRCGP3	5
605672.2	4122180	0.14612	55.24	292.97	1.5	ANNUAL	SRCGP3	5
605692.2	4122180	0.15394	55.35	292.97	1.5	ANNUAL	SRCGP3	5
605712.2	4122180	0.16252	55.68	292.97	1.5	ANNUAL	SRCGP3	5
605732.2	4122180	0.17185	55.8	292.97	1.5	ANNUAL	SRCGP3	5
605752.2	4122180	0.18199	55.52	292.97	1.5	ANNUAL	SRCGP3	5
605772.2	4122180	0.19326	56.14	292.97	1.5	ANNUAL	SRCGP3	5
605792.2	4122180	0.20564	56.17	292.97	1.5	ANNUAL	SRCGP3	5
605812.2	4122180	0.21933	55.81	292.97	1.5	ANNUAL	SRCGP3	5
605832.2	4122180	0.23448	56.34	292.97	1.5	ANNUAL	SRCGP3	5
605892.2	4122180	0.29176	56.39	292.97	1.5	ANNUAL	SRCGP3	5
605912.2	4122180	0.31592	56.41	292.97	1.5	ANNUAL	SRCGP3	5
605932.2	4122180	0.34369	56.21	292.97	1.5	ANNUAL	SRCGP3	5
605952.2	4122180	0.37522	56.29	292.97	1.5	ANNUAL	SRCGP3	5
605972.2	4122180	0.41132	56.37	56.37	1.5	ANNUAL	SRCGP3	5

605992.2	4122180	0.45357	56.33	56.33	1.5	ANNUAL	SRCGP3	5
606012.2	4122180	0.50299	56.21	56.21	1.5	ANNUAL	SRCGP3	5
606032.2	4122180	0.56111	56.22	56.22	1.5	ANNUAL	SRCGP3	5
606052.2	4122180	0.63032	56.22	56.22	1.5	ANNUAL	SRCGP3	5
606132.2	4122180	1.07889	58.08	58.08	1.5	ANNUAL	SRCGP3	5
606152.2	4122180	1.27364	58.13	58.13	1.5	ANNUAL	SRCGP3	5
606172.2	4122180	1.52565	58.22	58.22	1.5	ANNUAL	SRCGP3	5
606332.2	4122180	15.72529	58.8	58.8	1.5	ANNUAL	SRCGP3	5
606352.2	4122180	24.5016	57.63	59.63	1.5	ANNUAL	SRCGP3	5
606672.2	4122180	1.25827	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606712.2	4122180	0.91682	59.93	59.93	1.5	ANNUAL	SRCGP3	5
606812.2	4122180	0.49587	59.66	59.66	1.5	ANNUAL	SRCGP3	5
606832.2	4122180	0.44698	59.71	59.71	1.5	ANNUAL	SRCGP3	5
606852.2	4122180	0.40474	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606872.2	4122180	0.36858	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606892.2	4122180	0.33719	59.9	59.9	1.5	ANNUAL	SRCGP3	5
606912.2	4122180	0.30966	59.94	59.94	1.5	ANNUAL	SRCGP3	5
605872.2	4122200	0.29457	56.28	292.97	1.5	ANNUAL	SRCGP3	5
605892.2	4122200	0.31874	56.46	292.97	1.5	ANNUAL	SRCGP3	5
605912.2	4122200	0.34686	56.3	56.3	1.5	ANNUAL	SRCGP3	5
605932.2	4122200	0.37872	56.19	56.19	1.5	ANNUAL	SRCGP3	5
605952.2	4122200	0.41537	56.27	56.27	1.5	ANNUAL	SRCGP3	5
605972.2	4122200	0.45777	56.31	56.31	1.5	ANNUAL	SRCGP3	5
605992.2	4122200	0.50743	56.25	56.25	1.5	ANNUAL	SRCGP3	5
606012.2	4122200	0.5658	56.2	56.2	1.5	ANNUAL	SRCGP3	5
606032.2	4122200	0.6351	56.22	56.22	1.5	ANNUAL	SRCGP3	5
606052.2	4122200	0.71819	56.26	56.26	1.5	ANNUAL	SRCGP3	5
606072.2	4122200	0.81754	56.49	56.49	1.5	ANNUAL	SRCGP3	5
606132.2	4122200	1.27075	57.98	57.98	1.5	ANNUAL	SRCGP3	5
606152.2	4122200	1.51254	58.09	58.09	1.5	ANNUAL	SRCGP3	5
606172.2	4122200	1.82747	58.17	58.17	1.5	ANNUAL	SRCGP3	5
606332.2	4122200	17.45925	57.98	57.98	1.5	ANNUAL	SRCGP3	5
606352.2	4122200	25.63139	57.32	57.32	1.5	ANNUAL	SRCGP3	5
606672.2	4122200	1.0352	59.39	59.39	1.5	ANNUAL	SRCGP3	5
606752.2	4122200	0.60631	59.75	59.75	1.5	ANNUAL	SRCGP3	5
606772.2	4122200	0.54152	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606792.2	4122200	0.4861	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606812.2	4122200	0.43925	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606832.2	4122200	0.39892	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606852.2	4122200	0.3638	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606872.2	4122200	0.33319	59.94	59.94	1.5	ANNUAL	SRCGP3	5
606892.2	4122200	0.30671	59.84	59.84	1.5	ANNUAL	SRCGP3	5
605872.2	4122220	0.32029	56.62	56.62	1.5	ANNUAL	SRCGP3	5
605892.2	4122220	0.34848	56.43	56.43	1.5	ANNUAL	SRCGP3	5
605912.2	4122220	0.38056	56.32	56.32	1.5	ANNUAL	SRCGP3	5
605932.2	4122220	0.41715	56.33	56.33	1.5	ANNUAL	SRCGP3	5
605952.2	4122220	0.45961	56.25	56.25	1.5	ANNUAL	SRCGP3	5
605972.2	4122220	0.50886	56.31	56.31	1.5	ANNUAL	SRCGP3	5
605992.2	4122220	0.56679	56.27	56.27	1.5	ANNUAL	SRCGP3	5
606012.2	4122220	0.63522	56.21	56.21	1.5	ANNUAL	SRCGP3	5
606032.2	4122220	0.71685	56.24	56.24	1.5	ANNUAL	SRCGP3	5
606052.2	4122220	0.8149	56.33	56.33	1.5	ANNUAL	SRCGP3	5
606132.2	4122220	1.475	58.08	58.08	1.5	ANNUAL	SRCGP3	5
606152.2	4122220	1.76329	58.18	58.18	1.5	ANNUAL	SRCGP3	5
606172.2	4122220	2.13657	58.24	58.24	1.5	ANNUAL	SRCGP3	5
606292.2	4122220	9.272	58.14	58.14	1.5	ANNUAL	SRCGP3	5
606712.2	4122220	0.66849	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606732.2	4122220	0.59405	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606752.2	4122220	0.53122	59.94	59.94	1.5	ANNUAL	SRCGP3	5
606772.2	4122220	0.47848	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606792.2	4122220	0.43315	59.85	59.85	1.5	ANNUAL	SRCGP3	5
606812.2	4122220	0.39385	59.87	59.87	1.5	ANNUAL	SRCGP3	5
605872.2	4122240	0.34878	56.67	56.67	1.5	ANNUAL	SRCGP3	5

605892.2	4122240	0.38058	56.56	56.56	1.5	ANNUAL	SRCGP3	5
605912.2	4122240	0.41713	56.42	56.42	1.5	ANNUAL	SRCGP3	5
605932.2	4122240	0.45865	56.53	56.53	1.5	ANNUAL	SRCGP3	5
605952.2	4122240	0.50707	56.55	56.55	1.5	ANNUAL	SRCGP3	5
605972.2	4122240	0.56366	56.56	56.56	1.5	ANNUAL	SRCGP3	5
605992.2	4122240	0.63039	56.53	56.53	1.5	ANNUAL	SRCGP3	5
606012.2	4122240	0.70942	56.52	56.52	1.5	ANNUAL	SRCGP3	5
606032.2	4122240	0.80388	56.51	56.51	1.5	ANNUAL	SRCGP3	5
606052.2	4122240	0.91744	56.55	56.55	1.5	ANNUAL	SRCGP3	5
606132.2	4122240	1.68178	58.09	58.09	1.5	ANNUAL	SRCGP3	5
606152.2	4122240	2.00825	58.24	58.24	1.5	ANNUAL	SRCGP3	5
606192.2	4122240	2.96518	58.15	58.15	1.5	ANNUAL	SRCGP3	5
606292.2	4122240	9.12745	58.3	58.3	1.5	ANNUAL	SRCGP3	5
606312.2	4122240	11.4335	58.39	58.39	1.5	ANNUAL	SRCGP3	5
606332.2	4122240	13.94725	58.48	58.48	1.5	ANNUAL	SRCGP3	5
606352.2	4122240	16.12771	58.51	58.51	1.5	ANNUAL	SRCGP3	5
606392.2	4122240	16.72908	59.07	59.07	1.5	ANNUAL	SRCGP3	5
606412.2	4122240	15.23452	59.06	59.06	1.5	ANNUAL	SRCGP3	5
606452.2	4122240	9.65016	59.25	59.25	1.5	ANNUAL	SRCGP3	5
606472.2	4122240	6.6344	59.43	59.43	1.5	ANNUAL	SRCGP3	5
606712.2	4122240	0.58529	59.9	59.9	1.5	ANNUAL	SRCGP3	5
606732.2	4122240	0.5244	59.92	59.92	1.5	ANNUAL	SRCGP3	5
606752.2	4122240	0.47281	59.88	59.88	1.5	ANNUAL	SRCGP3	5
605852.2	4122260	0.34787	57.05	57.05	1.5	ANNUAL	SRCGP3	5
605872.2	4122260	0.37871	57.21	57.21	1.5	ANNUAL	SRCGP3	5
605892.2	4122260	0.41402	57.32	57.32	1.5	ANNUAL	SRCGP3	5
605912.2	4122260	0.45467	57.38	57.38	1.5	ANNUAL	SRCGP3	5
605932.2	4122260	0.50147	57.5	57.5	1.5	ANNUAL	SRCGP3	5
605952.2	4122260	0.55611	57.52	57.52	1.5	ANNUAL	SRCGP3	5
605972.2	4122260	0.61959	57.67	57.67	1.5	ANNUAL	SRCGP3	5
605992.2	4122260	0.69464	57.72	57.72	1.5	ANNUAL	SRCGP3	5
606012.2	4122260	0.78388	57.69	57.69	1.5	ANNUAL	SRCGP3	5
606032.2	4122260	0.89006	57.73	57.73	1.5	ANNUAL	SRCGP3	5
606052.2	4122260	1.0176	57.78	57.78	1.5	ANNUAL	SRCGP3	5
606132.2	4122260	1.87952	57.6	57.6	1.5	ANNUAL	SRCGP3	5
606152.2	4122260	2.2275	58.06	58.06	1.5	ANNUAL	SRCGP3	5
606172.2	4122260	2.6645	58.21	58.21	1.5	ANNUAL	SRCGP3	5
606192.2	4122260	3.21246	58.18	58.18	1.5	ANNUAL	SRCGP3	5
606212.2	4122260	3.89623	58.08	58.08	1.5	ANNUAL	SRCGP3	5
606292.2	4122260	8.34578	58.24	58.24	1.5	ANNUAL	SRCGP3	5
606312.2	4122260	9.74238	58.44	58.44	1.5	ANNUAL	SRCGP3	5
606332.2	4122260	10.96386	58.62	58.62	1.5	ANNUAL	SRCGP3	5
606352.2	4122260	11.75281	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606392.2	4122260	11.13711	59.36	59.36	1.5	ANNUAL	SRCGP3	5
606412.2	4122260	9.84087	59.46	59.46	1.5	ANNUAL	SRCGP3	5
606452.2	4122260	6.28582	59.75	59.75	1.5	ANNUAL	SRCGP3	5
606472.2	4122260	4.624	59.81	59.81	1.5	ANNUAL	SRCGP3	5
606712.2	4122260	0.52055	59.71	59.71	1.5	ANNUAL	SRCGP3	5
605852.2	4122280	0.37702	57.17	57.17	1.5	ANNUAL	SRCGP3	5
605872.2	4122280	0.40946	58.52	58.52	1.5	ANNUAL	SRCGP3	5
605892.2	4122280	0.44812	58.94	58.94	1.5	ANNUAL	SRCGP3	5
605912.2	4122280	0.49485	58.28	59.19	1.5	ANNUAL	SRCGP3	5
605932.2	4122280	0.54905	57.6	57.6	1.5	ANNUAL	SRCGP3	5
605952.2	4122280	0.61038	57.58	57.58	1.5	ANNUAL	SRCGP3	5
605972.2	4122280	0.68136	57.77	57.77	1.5	ANNUAL	SRCGP3	5
605992.2	4122280	0.76519	57.82	57.82	1.5	ANNUAL	SRCGP3	5
606012.2	4122280	0.86456	57.78	57.78	1.5	ANNUAL	SRCGP3	5
606032.2	4122280	0.98227	57.81	57.81	1.5	ANNUAL	SRCGP3	5
606052.2	4122280	1.12135	58.08	58.08	1.5	ANNUAL	SRCGP3	5
606172.2	4122280	2.8272	58.06	58.06	1.5	ANNUAL	SRCGP3	5
606192.2	4122280	3.3447	58.2	58.2	1.5	ANNUAL	SRCGP3	5
606212.2	4122280	3.9636	58.15	58.15	1.5	ANNUAL	SRCGP3	5
606232.2	4122280	4.68263	58.18	58.18	1.5	ANNUAL	SRCGP3	5

606292.2	4122280	7.24236	58.3	58.3	1.5	ANNUAL	SRCGP3	5
606312.2	4122280	7.99538	58.48	58.48	1.5	ANNUAL	SRCGP3	5
606332.2	4122280	8.51863	58.66	58.66	1.5	ANNUAL	SRCGP3	5
606352.2	4122280	8.70889	58.83	58.83	1.5	ANNUAL	SRCGP3	5
606372.2	4122280	8.46664	59.12	59.12	1.5	ANNUAL	SRCGP3	5
606392.2	4122280	7.79739	59.4	59.4	1.5	ANNUAL	SRCGP3	5
606412.2	4122280	6.83293	59.45	59.45	1.5	ANNUAL	SRCGP3	5
606432.2	4122280	5.69306	59.54	59.54	1.5	ANNUAL	SRCGP3	5
606452.2	4122280	4.52662	59.75	59.75	1.5	ANNUAL	SRCGP3	5
606472.2	4122280	3.485	59.79	59.79	1.5	ANNUAL	SRCGP3	5
606492.2	4122280	2.65645	59.75	59.75	1.5	ANNUAL	SRCGP3	5
606512.2	4122280	2.06024	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606532.2	4122280	1.64544	59.51	59.51	1.5	ANNUAL	SRCGP3	5
606552.2	4122280	1.35326	59.15	59.15	1.5	ANNUAL	SRCGP3	5
606572.2	4122280	1.13344	59.16	59.16	1.5	ANNUAL	SRCGP3	5
606892.2	4122280	0.22334	59.51	59.51	1.5	ANNUAL	SRCGP3	5
606912.2	4122280	0.20877	59.68	59.68	1.5	ANNUAL	SRCGP3	5
605632.2	4122300	0.18595	55.35	55.35	1.5	ANNUAL	SRCGP3	5
605652.2	4122300	0.19732	55.4	55.4	1.5	ANNUAL	SRCGP3	5
605672.2	4122300	0.20988	55.97	55.97	1.5	ANNUAL	SRCGP3	5
605692.2	4122300	0.22365	56.08	56.08	1.5	ANNUAL	SRCGP3	5
605852.2	4122300	0.40842	56.96	56.96	1.5	ANNUAL	SRCGP3	5
605872.2	4122300	0.44396	58.66	58.66	1.5	ANNUAL	SRCGP3	5
605892.2	4122300	0.48516	59.9	59.9	1.5	ANNUAL	SRCGP3	5
605912.2	4122300	0.53691	59.11	59.11	1.5	ANNUAL	SRCGP3	5
605932.2	4122300	0.59814	57.78	57.78	1.5	ANNUAL	SRCGP3	5
605952.2	4122300	0.66596	57.67	57.67	1.5	ANNUAL	SRCGP3	5
605972.2	4122300	0.74428	57.77	57.77	1.5	ANNUAL	SRCGP3	5
605992.2	4122300	0.83602	57.81	57.81	1.5	ANNUAL	SRCGP3	5
606012.2	4122300	0.94397	57.78	57.78	1.5	ANNUAL	SRCGP3	5
606032.2	4122300	1.07092	57.79	57.79	1.5	ANNUAL	SRCGP3	5
606052.2	4122300	1.21994	57.96	57.96	1.5	ANNUAL	SRCGP3	5
606292.2	4122300	6.1118	58.39	58.39	1.5	ANNUAL	SRCGP3	5
606312.2	4122300	6.46387	58.65	58.65	1.5	ANNUAL	SRCGP3	5
606332.2	4122300	6.62857	58.85	58.85	1.5	ANNUAL	SRCGP3	5
606352.2	4122300	6.57887	58.89	58.89	1.5	ANNUAL	SRCGP3	5
606392.2	4122300	5.70162	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606412.2	4122300	5.00548	59.49	59.49	1.5	ANNUAL	SRCGP3	5
606432.2	4122300	4.22146	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606452.2	4122300	3.44604	59.81	59.81	1.5	ANNUAL	SRCGP3	5
606472.2	4122300	2.74578	59.79	59.79	1.5	ANNUAL	SRCGP3	5
606492.2	4122300	2.1634	59.85	59.85	1.5	ANNUAL	SRCGP3	5
606512.2	4122300	1.72238	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606832.2	4122300	0.25658	59.44	59.44	1.5	ANNUAL	SRCGP3	5
606852.2	4122300	0.23837	59.77	59.77	1.5	ANNUAL	SRCGP3	5
606872.2	4122300	0.2227	59.64	59.64	1.5	ANNUAL	SRCGP3	5
606892.2	4122300	0.20832	59.72	59.72	1.5	ANNUAL	SRCGP3	5
606912.2	4122300	0.19543	59.72	59.72	1.5	ANNUAL	SRCGP3	5
605632.2	4122320	0.19711	55.6	55.6	1.5	ANNUAL	SRCGP3	5
605652.2	4122320	0.20951	55.89	55.89	1.5	ANNUAL	SRCGP3	5
605672.2	4122320	0.22305	56.38	56.38	1.5	ANNUAL	SRCGP3	5
605692.2	4122320	0.23808	56.37	56.37	1.5	ANNUAL	SRCGP3	5
605772.2	4122320	0.3162	56.92	56.92	1.5	ANNUAL	SRCGP3	5
605792.2	4122320	0.34188	56.99	56.99	1.5	ANNUAL	SRCGP3	5
605852.2	4122320	0.43998	57.46	59.49	1.5	ANNUAL	SRCGP3	5
605872.2	4122320	0.47878	59.31	59.31	1.5	ANNUAL	SRCGP3	5
605892.2	4122320	0.52584	59.62	59.62	1.5	ANNUAL	SRCGP3	5
605912.2	4122320	0.58077	59.48	59.48	1.5	ANNUAL	SRCGP3	5
605932.2	4122320	0.64781	57.87	57.87	1.5	ANNUAL	SRCGP3	5
605952.2	4122320	0.72236	57.34	57.34	1.5	ANNUAL	SRCGP3	5
605972.2	4122320	0.80581	57.74	57.74	1.5	ANNUAL	SRCGP3	5
605992.2	4122320	0.90372	57.8	57.8	1.5	ANNUAL	SRCGP3	5
606012.2	4122320	1.01763	57.84	57.84	1.5	ANNUAL	SRCGP3	5

606032.2	4122320	1.1503	57.86	57.86	1.5	ANNUAL	SRCGP3	5
606392.2	4122320	4.33852	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606412.2	4122320	3.82925	59.52	59.52	1.5	ANNUAL	SRCGP3	5
606432.2	4122320	3.28229	59.54	59.54	1.5	ANNUAL	SRCGP3	5
606452.2	4122320	2.72677	59.91	59.91	1.5	ANNUAL	SRCGP3	5
606472.2	4122320	2.23196	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606752.2	4122320	0.3228	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606772.2	4122320	0.29719	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606792.2	4122320	0.27507	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606812.2	4122320	0.25559	59.77	59.77	1.5	ANNUAL	SRCGP3	5
606832.2	4122320	0.23806	59.72	59.72	1.5	ANNUAL	SRCGP3	5
606852.2	4122320	0.22204	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606872.2	4122320	0.20807	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606892.2	4122320	0.19522	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606912.2	4122320	0.18358	59.68	59.68	1.5	ANNUAL	SRCGP3	5
605632.2	4122340	0.20889	56.01	56.01	1.5	ANNUAL	SRCGP3	5
605652.2	4122340	0.22233	55.94	55.94	1.5	ANNUAL	SRCGP3	5
605672.2	4122340	0.23711	56.2	56.2	1.5	ANNUAL	SRCGP3	5
605692.2	4122340	0.25346	56.23	56.23	1.5	ANNUAL	SRCGP3	5
605712.2	4122340	0.27148	56.38	56.38	1.5	ANNUAL	SRCGP3	5
605732.2	4122340	0.2908	57.25	57.25	1.5	ANNUAL	SRCGP3	5
605752.2	4122340	0.31205	58.37	58.37	1.5	ANNUAL	SRCGP3	5
605772.2	4122340	0.33694	58.35	58.8	1.5	ANNUAL	SRCGP3	5
605792.2	4122340	0.36459	58.55	58.55	1.5	ANNUAL	SRCGP3	5
605812.2	4122340	0.39634	58.25	59.98	1.5	ANNUAL	SRCGP3	5
605832.2	4122340	0.43201	58.07	59.98	1.5	ANNUAL	SRCGP3	5
605852.2	4122340	0.47134	58.53	58.53	1.5	ANNUAL	SRCGP3	5
605872.2	4122340	0.51476	59.58	59.58	1.5	ANNUAL	SRCGP3	5
605892.2	4122340	0.5662	59.57	59.57	1.5	ANNUAL	SRCGP3	5
605912.2	4122340	0.62463	59.66	59.66	1.5	ANNUAL	SRCGP3	5
605932.2	4122340	0.69525	58.34	59	1.5	ANNUAL	SRCGP3	5
605952.2	4122340	0.77419	57.77	57.77	1.5	ANNUAL	SRCGP3	5
605972.2	4122340	0.86301	57.8	57.8	1.5	ANNUAL	SRCGP3	5
606692.2	4122340	0.38409	59.65	59.65	1.5	ANNUAL	SRCGP3	5
606712.2	4122340	0.35034	59.94	59.94	1.5	ANNUAL	SRCGP3	5
606732.2	4122340	0.32151	60.06	60.06	1.5	ANNUAL	SRCGP3	5
606752.2	4122340	0.29701	59.81	59.81	1.5	ANNUAL	SRCGP3	5
606772.2	4122340	0.27478	59.86	59.86	1.5	ANNUAL	SRCGP3	5
606792.2	4122340	0.2554	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606812.2	4122340	0.23781	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606832.2	4122340	0.2222	59.57	59.57	1.5	ANNUAL	SRCGP3	5
606852.2	4122340	0.20787	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606872.2	4122340	0.19491	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606892.2	4122340	0.18346	59.63	59.63	1.5	ANNUAL	SRCGP3	5
606912.2	4122340	0.17286	59.66	59.66	1.5	ANNUAL	SRCGP3	5
605632.2	4122360	0.22126	55.97	55.97	1.5	ANNUAL	SRCGP3	5
605652.2	4122360	0.23577	55.94	55.94	1.5	ANNUAL	SRCGP3	5
605672.2	4122360	0.25176	56.31	56.31	1.5	ANNUAL	SRCGP3	5
605692.2	4122360	0.26937	56.4	56.4	1.5	ANNUAL	SRCGP3	5
605712.2	4122360	0.28882	56.57	56.57	1.5	ANNUAL	SRCGP3	5
605732.2	4122360	0.30989	57.31	57.31	1.5	ANNUAL	SRCGP3	5
605752.2	4122360	0.33254	58.82	58.82	1.5	ANNUAL	SRCGP3	5
605772.2	4122360	0.35827	59.8	59.8	1.5	ANNUAL	SRCGP3	5
605792.2	4122360	0.38835	59.68	59.68	1.5	ANNUAL	SRCGP3	5
605812.2	4122360	0.42141	60.07	60.07	1.5	ANNUAL	SRCGP3	5
605832.2	4122360	0.45957	59.81	59.81	1.5	ANNUAL	SRCGP3	5
605852.2	4122360	0.50288	59.43	59.43	1.5	ANNUAL	SRCGP3	5
605872.2	4122360	0.55082	59.58	59.58	1.5	ANNUAL	SRCGP3	5
605892.2	4122360	0.60535	59.6	59.6	1.5	ANNUAL	SRCGP3	5
605912.2	4122360	0.66656	59.85	59.85	1.5	ANNUAL	SRCGP3	5
605952.2	4122360	0.82314	57.6	57.6	1.5	ANNUAL	SRCGP3	5
606632.2	4122360	0.47712	59.49	59.49	1.5	ANNUAL	SRCGP3	5
606652.2	4122360	0.42713	59.85	59.85	1.5	ANNUAL	SRCGP3	5

606672.2	4122360	0.38628	59.95	59.95	1.5	ANNUAL	SRCGP3	5
606692.2	4122360	0.35178	60.03	60.03	1.5	ANNUAL	SRCGP3	5
606712.2	4122360	0.32306	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606732.2	4122360	0.29716	59.9	59.9	1.5	ANNUAL	SRCGP3	5
606772.2	4122360	0.25535	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606792.2	4122360	0.23786	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606812.2	4122360	0.2221	59.52	59.52	1.5	ANNUAL	SRCGP3	5
606832.2	4122360	0.20771	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606852.2	4122360	0.1951	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606872.2	4122360	0.18316	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606892.2	4122360	0.17281	59.57	59.57	1.5	ANNUAL	SRCGP3	5
606912.2	4122360	0.16327	59.46	59.46	1.5	ANNUAL	SRCGP3	5
605632.2	4122380	0.23415	56.18	56.18	1.5	ANNUAL	SRCGP3	5
605652.2	4122380	0.24979	56.08	56.08	1.5	ANNUAL	SRCGP3	5
605672.2	4122380	0.26688	56.46	56.46	1.5	ANNUAL	SRCGP3	5
605692.2	4122380	0.28575	56.65	56.65	1.5	ANNUAL	SRCGP3	5
605712.2	4122380	0.30671	56.74	56.74	1.5	ANNUAL	SRCGP3	5
605732.2	4122380	0.32939	57.49	57.49	1.5	ANNUAL	SRCGP3	5
605752.2	4122380	0.35372	59.04	59.04	1.5	ANNUAL	SRCGP3	5
605772.2	4122380	0.38178	59.6	59.6	1.5	ANNUAL	SRCGP3	5
605792.2	4122380	0.41357	59.77	59.77	1.5	ANNUAL	SRCGP3	5
605812.2	4122380	0.44896	60.03	60.03	1.5	ANNUAL	SRCGP3	5
605832.2	4122380	0.48967	59.64	59.64	1.5	ANNUAL	SRCGP3	5
605852.2	4122380	0.5348	59.58	59.58	1.5	ANNUAL	SRCGP3	5
605872.2	4122380	0.5853	59.63	59.63	1.5	ANNUAL	SRCGP3	5
605892.2	4122380	0.64225	59.6	59.6	1.5	ANNUAL	SRCGP3	5
605912.2	4122380	0.70614	59.63	59.63	1.5	ANNUAL	SRCGP3	5
606572.2	4122380	0.63415	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606592.2	4122380	0.55553	59.66	59.66	1.5	ANNUAL	SRCGP3	5
606612.2	4122380	0.491	59.72	59.72	1.5	ANNUAL	SRCGP3	5
606632.2	4122380	0.43806	59.71	59.71	1.5	ANNUAL	SRCGP3	5
606652.2	4122380	0.3936	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606752.2	4122380	0.25603	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606772.2	4122380	0.23775	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606792.2	4122380	0.22176	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606812.2	4122380	0.20776	59.63	59.63	1.5	ANNUAL	SRCGP3	5
606832.2	4122380	0.19496	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606852.2	4122380	0.18345	59.41	59.41	1.5	ANNUAL	SRCGP3	5
606872.2	4122380	0.17278	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606892.2	4122380	0.16305	59.62	59.62	1.5	ANNUAL	SRCGP3	5
605632.2	4122400	0.24751	56.24	56.24	1.5	ANNUAL	SRCGP3	5
605652.2	4122400	0.26424	56.1	56.1	1.5	ANNUAL	SRCGP3	5
605672.2	4122400	0.28251	56.5	56.5	1.5	ANNUAL	SRCGP3	5
605692.2	4122400	0.30272	56.64	56.64	1.5	ANNUAL	SRCGP3	5
605712.2	4122400	0.32508	56.76	56.76	1.5	ANNUAL	SRCGP3	5
605732.2	4122400	0.34919	57.59	57.59	1.5	ANNUAL	SRCGP3	5
605752.2	4122400	0.37498	59.26	59.26	1.5	ANNUAL	SRCGP3	5
605772.2	4122400	0.40498	59.6	59.6	1.5	ANNUAL	SRCGP3	5
605792.2	4122400	0.43878	59.59	59.59	1.5	ANNUAL	SRCGP3	5
605812.2	4122400	0.47641	59.6	59.6	1.5	ANNUAL	SRCGP3	5
605832.2	4122400	0.51841	59.57	59.57	1.5	ANNUAL	SRCGP3	5
605852.2	4122400	0.56524	59.56	59.56	1.5	ANNUAL	SRCGP3	5
605872.2	4122400	0.61678	59.88	59.88	1.5	ANNUAL	SRCGP3	5
605892.2	4122400	0.67569	59.55	59.55	1.5	ANNUAL	SRCGP3	5
605912.2	4122400	0.74245	58.79	59.2	1.5	ANNUAL	SRCGP3	5
605932.2	4122400	0.81847	57.36	57.36	1.5	ANNUAL	SRCGP3	5
606512.2	4122400	0.87876	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606532.2	4122400	0.76039	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606552.2	4122400	0.66158	59.7	59.7	1.5	ANNUAL	SRCGP3	5
606572.2	4122400	0.57916	59.71	59.71	1.5	ANNUAL	SRCGP3	5
606592.2	4122400	0.51053	59.71	59.71	1.5	ANNUAL	SRCGP3	5
606692.2	4122400	0.30339	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606712.2	4122400	0.27857	59.86	59.86	1.5	ANNUAL	SRCGP3	5

606732.2	4122400	0.25736	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606752.2	4122400	0.239	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606772.2	4122400	0.22251	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606792.2	4122400	0.20781	59.95	59.95	1.5	ANNUAL	SRCGP3	5
606812.2	4122400	0.19507	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606832.2	4122400	0.18335	59.63	59.63	1.5	ANNUAL	SRCGP3	5
605632.2	4122420	0.26115	56.36	56.36	1.5	ANNUAL	SRCGP3	5
605652.2	4122420	0.2789	56.42	56.42	1.5	ANNUAL	SRCGP3	5
605672.2	4122420	0.29826	56.71	56.71	1.5	ANNUAL	SRCGP3	5
605692.2	4122420	0.31975	56.78	56.78	1.5	ANNUAL	SRCGP3	5
605712.2	4122420	0.34345	56.82	56.82	1.5	ANNUAL	SRCGP3	5
605732.2	4122420	0.36909	57.47	57.47	1.5	ANNUAL	SRCGP3	5
605752.2	4122420	0.39619	59.24	59.24	1.5	ANNUAL	SRCGP3	5
605772.2	4122420	0.4276	59.59	59.59	1.5	ANNUAL	SRCGP3	5
605792.2	4122420	0.46286	59.56	59.56	1.5	ANNUAL	SRCGP3	5
605812.2	4122420	0.50191	59.53	59.53	1.5	ANNUAL	SRCGP3	5
605832.2	4122420	0.54542	59.36	59.36	1.5	ANNUAL	SRCGP3	5
605852.2	4122420	0.5936	59.19	59.19	1.5	ANNUAL	SRCGP3	5
605872.2	4122420	0.64783	58.56	59.97	1.5	ANNUAL	SRCGP3	5
605892.2	4122420	0.70763	58.02	59.56	1.5	ANNUAL	SRCGP3	5
605912.2	4122420	0.77406	57.26	57.26	1.5	ANNUAL	SRCGP3	5
606452.2	4122420	1.17571	59.4	59.4	1.5	ANNUAL	SRCGP3	5
606472.2	4122420	1.03278	59.54	59.54	1.5	ANNUAL	SRCGP3	5
606492.2	4122420	0.90202	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606512.2	4122420	0.78712	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606532.2	4122420	0.69018	59.29	59.29	1.5	ANNUAL	SRCGP3	5
606552.2	4122420	0.60405	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606632.2	4122420	0.37782	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606652.2	4122420	0.34086	59.81	59.81	1.5	ANNUAL	SRCGP3	5
606672.2	4122420	0.31047	59.57	59.57	1.5	ANNUAL	SRCGP3	5
606692.2	4122420	0.28355	59.86	59.86	1.5	ANNUAL	SRCGP3	5
606712.2	4122420	0.26108	59.77	59.77	1.5	ANNUAL	SRCGP3	5
606732.2	4122420	0.24136	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606752.2	4122420	0.22416	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606772.2	4122420	0.20904	59.9	59.9	1.5	ANNUAL	SRCGP3	5
606852.2	4122420	0.16338	59.41	59.41	1.5	ANNUAL	SRCGP3	5
606872.2	4122420	0.15438	59.51	59.51	1.5	ANNUAL	SRCGP3	5
606892.2	4122420	0.14623	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606912.2	4122420	0.13898	59.15	59.15	1.5	ANNUAL	SRCGP3	5
605632.2	4122440	0.27496	56.46	56.46	1.5	ANNUAL	SRCGP3	5
605652.2	4122440	0.29355	56.76	56.76	1.5	ANNUAL	SRCGP3	5
605672.2	4122440	0.31402	56.96	56.96	1.5	ANNUAL	SRCGP3	5
605692.2	4122440	0.33661	56.98	56.98	1.5	ANNUAL	SRCGP3	5
605712.2	4122440	0.36151	56.95	56.95	1.5	ANNUAL	SRCGP3	5
605732.2	4122440	0.38839	57.48	57.48	1.5	ANNUAL	SRCGP3	5
605752.2	4122440	0.41741	58.5	58.96	1.5	ANNUAL	SRCGP3	5
605772.2	4122440	0.45025	58.64	59.06	1.5	ANNUAL	SRCGP3	5
605792.2	4122440	0.48671	58.54	58.54	1.5	ANNUAL	SRCGP3	5
605812.2	4122440	0.52704	58.29	58.29	1.5	ANNUAL	SRCGP3	5
605832.2	4122440	0.57141	58.03	58.03	1.5	ANNUAL	SRCGP3	5
605852.2	4122440	0.6204	57.63	57.63	1.5	ANNUAL	SRCGP3	5
605872.2	4122440	0.67443	57.03	57.03	1.5	ANNUAL	SRCGP3	5
605892.2	4122440	0.7325	57.01	57.01	1.5	ANNUAL	SRCGP3	5
606452.2	4122440	1.02974	59.7	59.7	1.5	ANNUAL	SRCGP3	5
606472.2	4122440	0.91393	59.64	59.64	1.5	ANNUAL	SRCGP3	5
606492.2	4122440	0.80731	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606552.2	4122440	0.55395	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606612.2	4122440	0.39131	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606632.2	4122440	0.35267	59.79	59.79	1.5	ANNUAL	SRCGP3	5
606652.2	4122440	0.31957	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606672.2	4122440	0.29168	59.45	59.45	1.5	ANNUAL	SRCGP3	5
606692.2	4122440	0.26665	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606712.2	4122440	0.24553	59.9	59.9	1.5	ANNUAL	SRCGP3	5

606732.2	4122440	0.22736	59.85	59.85	1.5	ANNUAL	SRCGP3	5
606812.2	4122440	0.17394	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606832.2	4122440	0.16386	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606852.2	4122440	0.15478	59.51	59.51	1.5	ANNUAL	SRCGP3	5
606872.2	4122440	0.14656	59.4	59.4	1.5	ANNUAL	SRCGP3	5
606892.2	4122440	0.13897	59.43	59.43	1.5	ANNUAL	SRCGP3	5
606912.2	4122440	0.13223	59.09	59.09	1.5	ANNUAL	SRCGP3	5
605632.2	4122460	0.28884	56.44	56.44	1.5	ANNUAL	SRCGP3	5
605652.2	4122460	0.30837	56.68	56.68	1.5	ANNUAL	SRCGP3	5
605672.2	4122460	0.32985	56.74	56.74	1.5	ANNUAL	SRCGP3	5
605692.2	4122460	0.35341	56.75	56.75	1.5	ANNUAL	SRCGP3	5
605712.2	4122460	0.37903	56.95	56.95	1.5	ANNUAL	SRCGP3	5
605732.2	4122460	0.40702	57.23	57.23	1.5	ANNUAL	SRCGP3	5
605752.2	4122460	0.43785	57.28	57.28	1.5	ANNUAL	SRCGP3	5
605772.2	4122460	0.47171	57.22	57.22	1.5	ANNUAL	SRCGP3	5
605792.2	4122460	0.50875	57.15	57.15	1.5	ANNUAL	SRCGP3	5
605812.2	4122460	0.54917	57.11	57.11	1.5	ANNUAL	SRCGP3	5
605832.2	4122460	0.5934	56.95	56.95	1.5	ANNUAL	SRCGP3	5
606392.2	4122460	1.21499	58.98	58.98	1.5	ANNUAL	SRCGP3	5
606412.2	4122460	1.11671	59.13	59.13	1.5	ANNUAL	SRCGP3	5
606432.2	4122460	1.01479	59.33	59.33	1.5	ANNUAL	SRCGP3	5
606552.2	4122460	0.50817	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606572.2	4122460	0.45367	59.86	59.86	1.5	ANNUAL	SRCGP3	5
606592.2	4122460	0.40596	60.06	60.06	1.5	ANNUAL	SRCGP3	5
606612.2	4122460	0.36516	60.12	60.12	1.5	ANNUAL	SRCGP3	5
606632.2	4122460	0.33058	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606652.2	4122460	0.30068	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606672.2	4122460	0.27474	59.54	59.54	1.5	ANNUAL	SRCGP3	5
606752.2	4122460	0.20046	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606772.2	4122460	0.1871	59.72	59.72	1.5	ANNUAL	SRCGP3	5
606792.2	4122460	0.1755	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606812.2	4122460	0.16488	59.77	59.77	1.5	ANNUAL	SRCGP3	5
606832.2	4122460	0.15562	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606852.2	4122460	0.14707	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606872.2	4122460	0.13945	59.41	59.41	1.5	ANNUAL	SRCGP3	5
606892.2	4122460	0.13229	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606912.2	4122460	0.12602	59.15	59.15	1.5	ANNUAL	SRCGP3	5
606332.2	4122480	1.28314	58.58	58.58	1.5	ANNUAL	SRCGP3	5
606352.2	4122480	1.21509	59.06	59.06	1.5	ANNUAL	SRCGP3	5
606372.2	4122480	1.14389	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606392.2	4122480	1.06709	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606412.2	4122480	0.98572	59.08	59.08	1.5	ANNUAL	SRCGP3	5
606432.2	4122480	0.90124	59.12	59.12	1.5	ANNUAL	SRCGP3	5
606452.2	4122480	0.81474	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606472.2	4122480	0.73111	60.03	60.03	1.5	ANNUAL	SRCGP3	5
606512.2	4122480	0.58492	60.22	60.22	1.5	ANNUAL	SRCGP3	5
606532.2	4122480	0.52308	60.18	60.18	1.5	ANNUAL	SRCGP3	5
606552.2	4122480	0.46877	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606572.2	4122480	0.42091	59.99	59.99	1.5	ANNUAL	SRCGP3	5
606592.2	4122480	0.37878	60.09	60.09	1.5	ANNUAL	SRCGP3	5
606612.2	4122480	0.34282	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606672.2	4122480	0.25981	59.49	59.49	1.5	ANNUAL	SRCGP3	5
606692.2	4122480	0.2386	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606712.2	4122480	0.2205	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606732.2	4122480	0.20414	59.91	59.91	1.5	ANNUAL	SRCGP3	5
606752.2	4122480	0.19021	59.82	59.82	1.5	ANNUAL	SRCGP3	5
606772.2	4122480	0.17766	60	60	1.5	ANNUAL	SRCGP3	5
606792.2	4122480	0.16669	59.96	59.96	1.5	ANNUAL	SRCGP3	5
606812.2	4122480	0.15687	59.93	59.93	1.5	ANNUAL	SRCGP3	5
606832.2	4122480	0.14824	59.6	59.6	1.5	ANNUAL	SRCGP3	5
606852.2	4122480	0.14019	59.66	59.66	1.5	ANNUAL	SRCGP3	5
606872.2	4122480	0.13301	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606892.2	4122480	0.12633	59.53	59.53	1.5	ANNUAL	SRCGP3	5

606912.2	4122480	0.12038	59.25	59.25	1.5	ANNUAL	SRCGP3	5
606332.2	4122500	1.1282	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606372.2	4122500	1.01055	59.23	59.23	1.5	ANNUAL	SRCGP3	5
606392.2	4122500	0.94604	59.06	59.06	1.5	ANNUAL	SRCGP3	5
606412.2	4122500	0.87686	59.06	59.06	1.5	ANNUAL	SRCGP3	5
606432.2	4122500	0.80579	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606472.2	4122500	0.66133	59.97	59.97	1.5	ANNUAL	SRCGP3	5
606492.2	4122500	0.59578	60.12	60.12	1.5	ANNUAL	SRCGP3	5
606512.2	4122500	0.53678	59.9	59.9	1.5	ANNUAL	SRCGP3	5
606532.2	4122500	0.48363	59.62	59.62	1.5	ANNUAL	SRCGP3	5
606632.2	4122500	0.29359	59.6	59.6	1.5	ANNUAL	SRCGP3	5
606652.2	4122500	0.26814	59.7	59.7	1.5	ANNUAL	SRCGP3	5
606672.2	4122500	0.24583	59.82	59.82	1.5	ANNUAL	SRCGP3	5
606692.2	4122500	0.22643	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606712.2	4122500	0.20938	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606732.2	4122500	0.19448	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606752.2	4122500	0.18111	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606772.2	4122500	0.16952	59.95	59.95	1.5	ANNUAL	SRCGP3	5
606792.2	4122500	0.15932	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606812.2	4122500	0.14991	59.82	59.82	1.5	ANNUAL	SRCGP3	5
606832.2	4122500	0.14162	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606852.2	4122500	0.13418	59.45	59.45	1.5	ANNUAL	SRCGP3	5
606872.2	4122500	0.12724	59.53	59.53	1.5	ANNUAL	SRCGP3	5
606892.2	4122500	0.12091	59.62	59.62	1.5	ANNUAL	SRCGP3	5
606912.2	4122500	0.11528	59.34	59.34	1.5	ANNUAL	SRCGP3	5
606272.2	4122520	1.12787	58.54	58.54	1.5	ANNUAL	SRCGP3	5
606292.2	4122520	1.08773	59.05	59.05	1.5	ANNUAL	SRCGP3	5
606392.2	4122520	0.84417	59.17	59.17	1.5	ANNUAL	SRCGP3	5
606412.2	4122520	0.78525	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606432.2	4122520	0.72438	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606472.2	4122520	0.60234	59.65	59.65	1.5	ANNUAL	SRCGP3	5
606552.2	4122520	0.40502	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606572.2	4122520	0.36703	59.52	59.52	1.5	ANNUAL	SRCGP3	5
606592.2	4122520	0.33339	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606612.2	4122520	0.30367	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606632.2	4122520	0.27743	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606652.2	4122520	0.25425	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606672.2	4122520	0.23336	59.96	59.96	1.5	ANNUAL	SRCGP3	5
606692.2	4122520	0.21525	60.11	60.11	1.5	ANNUAL	SRCGP3	5
606712.2	4122520	0.19957	59.95	59.95	1.5	ANNUAL	SRCGP3	5
606732.2	4122520	0.18586	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606752.2	4122520	0.17323	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606772.2	4122520	0.16238	59.63	59.63	1.5	ANNUAL	SRCGP3	5
606792.2	4122520	0.15264	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606812.2	4122520	0.14385	59.39	59.39	1.5	ANNUAL	SRCGP3	5
606832.2	4122520	0.13577	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606852.2	4122520	0.12864	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606872.2	4122520	0.12201	59.64	59.64	1.5	ANNUAL	SRCGP3	5
606892.2	4122520	0.11599	59.76	59.76	1.5	ANNUAL	SRCGP3	5
606272.2	4122540	1.00577	59	59	1.5	ANNUAL	SRCGP3	5
606292.2	4122540	0.97176	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606312.2	4122540	0.93581	58.98	58.98	1.5	ANNUAL	SRCGP3	5
606332.2	4122540	0.89711	58.82	58.82	1.5	ANNUAL	SRCGP3	5
606352.2	4122540	0.85313	59.17	59.17	1.5	ANNUAL	SRCGP3	5
606372.2	4122540	0.80733	59.19	59.19	1.5	ANNUAL	SRCGP3	5
606392.2	4122540	0.75881	59.14	59.14	1.5	ANNUAL	SRCGP3	5
606412.2	4122540	0.70789	59.1	59.1	1.5	ANNUAL	SRCGP3	5
606432.2	4122540	0.65532	59.15	59.15	1.5	ANNUAL	SRCGP3	5
606492.2	4122540	0.50269	59.26	59.26	1.5	ANNUAL	SRCGP3	5
606512.2	4122540	0.45666	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606532.2	4122540	0.41512	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606552.2	4122540	0.3772	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606572.2	4122540	0.34362	59.5	59.5	1.5	ANNUAL	SRCGP3	5

606592.2	4122540	0.31333	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606612.2	4122540	0.28602	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606632.2	4122540	0.26268	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606652.2	4122540	0.24124	59.65	59.65	1.5	ANNUAL	SRCGP3	5
606672.2	4122540	0.22239	59.68	59.68	1.5	ANNUAL	SRCGP3	5
606692.2	4122540	0.20558	59.81	59.81	1.5	ANNUAL	SRCGP3	5
606712.2	4122540	0.1908	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606732.2	4122540	0.17795	59.44	59.44	1.5	ANNUAL	SRCGP3	5
606752.2	4122540	0.16623	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606772.2	4122540	0.15576	59.52	59.52	1.5	ANNUAL	SRCGP3	5
606792.2	4122540	0.14637	59.6	59.6	1.5	ANNUAL	SRCGP3	5
606812.2	4122540	0.13807	59.46	59.46	1.5	ANNUAL	SRCGP3	5
606832.2	4122540	0.13039	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606852.2	4122540	0.12357	59.64	59.64	1.5	ANNUAL	SRCGP3	5
606872.2	4122540	0.11737	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606892.2	4122540	0.11167	59.59	59.59	1.5	ANNUAL	SRCGP3	5
605632.2	4122560	0.35062	56.47	56.47	1.5	ANNUAL	SRCGP3	5
605652.2	4122560	0.37214	56.51	56.51	1.5	ANNUAL	SRCGP3	5
605672.2	4122560	0.39498	56.69	56.69	1.5	ANNUAL	SRCGP3	5
605692.2	4122560	0.41947	56.62	56.62	1.5	ANNUAL	SRCGP3	5
605712.2	4122560	0.44539	56.64	56.64	1.5	ANNUAL	SRCGP3	5
605732.2	4122560	0.47281	56.66	56.66	1.5	ANNUAL	SRCGP3	5
605752.2	4122560	0.50175	56.66	56.66	1.5	ANNUAL	SRCGP3	5
605772.2	4122560	0.53205	56.76	56.76	1.5	ANNUAL	SRCGP3	5
605792.2	4122560	0.56387	56.72	56.72	1.5	ANNUAL	SRCGP3	5
605812.2	4122560	0.59684	56.79	56.79	1.5	ANNUAL	SRCGP3	5
605832.2	4122560	0.63098	56.82	56.82	1.5	ANNUAL	SRCGP3	5
605852.2	4122560	0.66611	56.81	56.81	1.5	ANNUAL	SRCGP3	5
606292.2	4122560	0.87421	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606312.2	4122560	0.84152	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606332.2	4122560	0.8068	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606352.2	4122560	0.76912	58.98	58.98	1.5	ANNUAL	SRCGP3	5
606492.2	4122560	0.46316	59.36	59.36	1.5	ANNUAL	SRCGP3	5
606512.2	4122560	0.42291	59.54	59.54	1.5	ANNUAL	SRCGP3	5
606532.2	4122560	0.38642	59.41	59.41	1.5	ANNUAL	SRCGP3	5
606552.2	4122560	0.35242	59.67	59.67	1.5	ANNUAL	SRCGP3	5
606572.2	4122560	0.32198	59.79	59.79	1.5	ANNUAL	SRCGP3	5
606592.2	4122560	0.29483	59.77	59.77	1.5	ANNUAL	SRCGP3	5
606612.2	4122560	0.27035	59.87	59.87	1.5	ANNUAL	SRCGP3	5
606632.2	4122560	0.24908	59.45	59.45	1.5	ANNUAL	SRCGP3	5
606652.2	4122560	0.2294	59.63	59.63	1.5	ANNUAL	SRCGP3	5
606672.2	4122560	0.21208	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606692.2	4122560	0.19654	59.63	59.63	1.5	ANNUAL	SRCGP3	5
606712.2	4122560	0.18277	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606732.2	4122560	0.17036	59.7	59.7	1.5	ANNUAL	SRCGP3	5
606752.2	4122560	0.15935	59.71	59.71	1.5	ANNUAL	SRCGP3	5
606772.2	4122560	0.14954	59.65	59.65	1.5	ANNUAL	SRCGP3	5
606792.2	4122560	0.14062	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606812.2	4122560	0.13273	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606832.2	4122560	0.12558	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606852.2	4122560	0.11902	59.66	59.66	1.5	ANNUAL	SRCGP3	5
606872.2	4122560	0.11312	59.58	59.58	1.5	ANNUAL	SRCGP3	5
605632.2	4122580	0.36002	56.22	56.22	1.5	ANNUAL	SRCGP3	5
605652.2	4122580	0.38128	56.26	56.26	1.5	ANNUAL	SRCGP3	5
605672.2	4122580	0.40374	56.39	56.39	1.5	ANNUAL	SRCGP3	5
605692.2	4122580	0.4276	56.29	56.29	1.5	ANNUAL	SRCGP3	5
605712.2	4122580	0.45261	56.36	56.36	1.5	ANNUAL	SRCGP3	5
605732.2	4122580	0.47893	56.33	56.33	1.5	ANNUAL	SRCGP3	5
605752.2	4122580	0.50641	56.33	56.33	1.5	ANNUAL	SRCGP3	5
605772.2	4122580	0.53486	56.48	56.48	1.5	ANNUAL	SRCGP3	5
605792.2	4122580	0.56442	56.51	56.51	1.5	ANNUAL	SRCGP3	5
605812.2	4122580	0.59486	56.51	56.51	1.5	ANNUAL	SRCGP3	5
605832.2	4122580	0.62593	56.56	56.56	1.5	ANNUAL	SRCGP3	5

605852.2	4122580	0.6575	56.58	56.58	1.5	ANNUAL	SRCGP3	5
605872.2	4122580	0.68925	56.62	56.62	1.5	ANNUAL	SRCGP3	5
605892.2	4122580	0.72096	56.62	56.62	1.5	ANNUAL	SRCGP3	5
605912.2	4122580	0.75227	56.61	56.61	1.5	ANNUAL	SRCGP3	5
605932.2	4122580	0.78276	56.61	56.61	1.5	ANNUAL	SRCGP3	5
606252.2	4122580	0.84257	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606272.2	4122580	0.81685	59.03	59.03	1.5	ANNUAL	SRCGP3	5
606292.2	4122580	0.78965	59.03	59.03	1.5	ANNUAL	SRCGP3	5
606312.2	4122580	0.7604	59.1	59.1	1.5	ANNUAL	SRCGP3	5
606472.2	4122580	0.46586	59.36	59.36	1.5	ANNUAL	SRCGP3	5
606492.2	4122580	0.42825	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606512.2	4122580	0.39263	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606532.2	4122580	0.36069	59.36	59.36	1.5	ANNUAL	SRCGP3	5
606552.2	4122580	0.32993	59.85	59.85	1.5	ANNUAL	SRCGP3	5
606572.2	4122580	0.30271	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606592.2	4122580	0.27812	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606612.2	4122580	0.25642	59.51	59.51	1.5	ANNUAL	SRCGP3	5
606632.2	4122580	0.23647	59.52	59.52	1.5	ANNUAL	SRCGP3	5
606652.2	4122580	0.21854	59.54	59.54	1.5	ANNUAL	SRCGP3	5
606672.2	4122580	0.20246	59.56	59.56	1.5	ANNUAL	SRCGP3	5
606692.2	4122580	0.18786	59.83	59.83	1.5	ANNUAL	SRCGP3	5
606712.2	4122580	0.17504	59.75	59.75	1.5	ANNUAL	SRCGP3	5
606732.2	4122580	0.16356	59.65	59.65	1.5	ANNUAL	SRCGP3	5
606752.2	4122580	0.15324	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606772.2	4122580	0.14399	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606792.2	4122580	0.1356	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606812.2	4122580	0.12799	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606832.2	4122580	0.12116	59.53	59.53	1.5	ANNUAL	SRCGP3	5
606852.2	4122580	0.1149	59.6	59.6	1.5	ANNUAL	SRCGP3	5
606992.2	4122580	0.08362	59.46	59.46	1.5	ANNUAL	SRCGP3	5
607012.2	4122580	0.0804	59.39	59.39	1.5	ANNUAL	SRCGP3	5
607032.2	4122580	0.07736	59.45	59.45	1.5	ANNUAL	SRCGP3	5
607052.2	4122580	0.07468	58.85	58.85	1.5	ANNUAL	SRCGP3	5
605932.2	4122600	0.75274	56.42	56.42	1.5	ANNUAL	SRCGP3	5
606252.2	4122600	0.76507	58.95	58.95	1.5	ANNUAL	SRCGP3	5
606272.2	4122600	0.74096	59.29	59.29	1.5	ANNUAL	SRCGP3	5
606292.2	4122600	0.71664	59.23	59.23	1.5	ANNUAL	SRCGP3	5
606312.2	4122600	0.69095	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606412.2	4122600	0.53545	59.03	59.03	1.5	ANNUAL	SRCGP3	5
606432.2	4122600	0.5006	59.02	59.02	1.5	ANNUAL	SRCGP3	5
606452.2	4122600	0.4656	59.07	59.07	1.5	ANNUAL	SRCGP3	5
606472.2	4122600	0.43141	59.05	59.05	1.5	ANNUAL	SRCGP3	5
606492.2	4122600	0.39769	59.45	59.45	1.5	ANNUAL	SRCGP3	5
606512.2	4122600	0.3665	59.44	59.44	1.5	ANNUAL	SRCGP3	5
606532.2	4122600	0.33727	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606552.2	4122600	0.3105	59.43	59.43	1.5	ANNUAL	SRCGP3	5
606572.2	4122600	0.28606	59.31	59.31	1.5	ANNUAL	SRCGP3	5
606592.2	4122600	0.26347	59.49	59.49	1.5	ANNUAL	SRCGP3	5
606612.2	4122600	0.24322	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606632.2	4122600	0.22488	59.55	59.55	1.5	ANNUAL	SRCGP3	5
606652.2	4122600	0.20845	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606672.2	4122600	0.19349	59.59	59.59	1.5	ANNUAL	SRCGP3	5
606692.2	4122600	0.17994	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606712.2	4122600	0.16824	59.35	59.35	1.5	ANNUAL	SRCGP3	5
606992.2	4122600	0.08105	59.59	59.59	1.5	ANNUAL	SRCGP3	5
607012.2	4122600	0.07792	59.66	59.66	1.5	ANNUAL	SRCGP3	5
607032.2	4122600	0.07501	59.69	59.69	1.5	ANNUAL	SRCGP3	5
607052.2	4122600	0.07248	58.78	58.78	1.5	ANNUAL	SRCGP3	5
605632.2	4122620	0.37408	56.39	56.39	1.5	ANNUAL	SRCGP3	5
605652.2	4122620	0.39413	56.39	56.39	1.5	ANNUAL	SRCGP3	5
605672.2	4122620	0.41501	56.48	56.48	1.5	ANNUAL	SRCGP3	5
605692.2	4122620	0.4368	56.45	56.45	1.5	ANNUAL	SRCGP3	5
605712.2	4122620	0.45943	56.35	56.35	1.5	ANNUAL	SRCGP3	5

605752.2	4122620	0.50662	56.02	56.02	1.5	ANNUAL	SRCGP3	5
605772.2	4122620	0.53097	56.24	56.24	1.5	ANNUAL	SRCGP3	5
605792.2	4122620	0.55565	56.3	56.3	1.5	ANNUAL	SRCGP3	5
605812.2	4122620	0.58044	56.37	56.37	1.5	ANNUAL	SRCGP3	5
605832.2	4122620	0.60522	56.42	56.42	1.5	ANNUAL	SRCGP3	5
605852.2	4122620	0.62984	56.4	56.4	1.5	ANNUAL	SRCGP3	5
605872.2	4122620	0.65402	56.37	56.37	1.5	ANNUAL	SRCGP3	5
605892.2	4122620	0.6775	56.32	56.32	1.5	ANNUAL	SRCGP3	5
605932.2	4122620	0.72088	56.38	56.38	1.5	ANNUAL	SRCGP3	5
606232.2	4122620	0.71761	58.93	58.93	1.5	ANNUAL	SRCGP3	5
606252.2	4122620	0.69758	59.02	59.02	1.5	ANNUAL	SRCGP3	5
606272.2	4122620	0.67637	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606292.2	4122620	0.65404	59.18	59.18	1.5	ANNUAL	SRCGP3	5
606312.2	4122620	0.63088	59.06	59.06	1.5	ANNUAL	SRCGP3	5
606352.2	4122620	0.57963	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606372.2	4122620	0.55176	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606412.2	4122620	0.49244	58.93	58.93	1.5	ANNUAL	SRCGP3	5
606432.2	4122620	0.46184	58.82	58.82	1.5	ANNUAL	SRCGP3	5
606452.2	4122620	0.43138	58.61	58.61	1.5	ANNUAL	SRCGP3	5
606472.2	4122620	0.40096	58.66	58.66	1.5	ANNUAL	SRCGP3	5
606492.2	4122620	0.37043	59.41	59.41	1.5	ANNUAL	SRCGP3	5
606512.2	4122620	0.34232	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606532.2	4122620	0.31628	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606552.2	4122620	0.29231	59.4	59.4	1.5	ANNUAL	SRCGP3	5
606572.2	4122620	0.26996	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606592.2	4122620	0.24967	59.4	59.4	1.5	ANNUAL	SRCGP3	5
606612.2	4122620	0.23121	59.34	59.34	1.5	ANNUAL	SRCGP3	5
606632.2	4122620	0.21434	59.39	59.39	1.5	ANNUAL	SRCGP3	5
606652.2	4122620	0.19915	59.34	59.34	1.5	ANNUAL	SRCGP3	5
606672.2	4122620	0.18507	59.73	59.73	1.5	ANNUAL	SRCGP3	5
606692.2	4122620	0.17309	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606992.2	4122620	0.07873	59.57	59.57	1.5	ANNUAL	SRCGP3	5
607012.2	4122620	0.0757	59.71	59.71	1.5	ANNUAL	SRCGP3	5
607032.2	4122620	0.07289	59.74	59.74	1.5	ANNUAL	SRCGP3	5
607052.2	4122620	0.07031	59.48	59.48	1.5	ANNUAL	SRCGP3	5
605632.2	4122640	0.37877	56.2	56.2	1.5	ANNUAL	SRCGP3	5
605652.2	4122640	0.39793	56.31	56.31	1.5	ANNUAL	SRCGP3	5
605672.2	4122640	0.41774	56.4	56.4	1.5	ANNUAL	SRCGP3	5
605692.2	4122640	0.43827	56.35	56.35	1.5	ANNUAL	SRCGP3	5
605712.2	4122640	0.45932	56.35	56.35	1.5	ANNUAL	SRCGP3	5
605752.2	4122640	0.50277	56.05	56.05	1.5	ANNUAL	SRCGP3	5
605772.2	4122640	0.52485	56.3	56.3	1.5	ANNUAL	SRCGP3	5
605792.2	4122640	0.54693	56.39	56.39	1.5	ANNUAL	SRCGP3	5
605812.2	4122640	0.56882	56.55	56.55	1.5	ANNUAL	SRCGP3	5
605832.2	4122640	0.59062	56.54	56.54	1.5	ANNUAL	SRCGP3	5
605852.2	4122640	0.61196	56.52	56.52	1.5	ANNUAL	SRCGP3	5
605872.2	4122640	0.63235	56.68	56.68	1.5	ANNUAL	SRCGP3	5
605892.2	4122640	0.6523	56.51	56.51	1.5	ANNUAL	SRCGP3	5
605932.2	4122640	0.68834	56.32	56.32	1.5	ANNUAL	SRCGP3	5
606232.2	4122640	0.65691	59.03	59.03	1.5	ANNUAL	SRCGP3	5
606252.2	4122640	0.63875	59.05	59.05	1.5	ANNUAL	SRCGP3	5
606272.2	4122640	0.61962	59.07	59.07	1.5	ANNUAL	SRCGP3	5
606292.2	4122640	0.59944	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606312.2	4122640	0.57841	59.03	59.03	1.5	ANNUAL	SRCGP3	5
606352.2	4122640	0.53234	58.98	58.98	1.5	ANNUAL	SRCGP3	5
606412.2	4122640	0.45455	58.87	58.87	1.5	ANNUAL	SRCGP3	5
606432.2	4122640	0.42741	58.74	58.74	1.5	ANNUAL	SRCGP3	5
606452.2	4122640	0.40014	58.67	58.67	1.5	ANNUAL	SRCGP3	5
606472.2	4122640	0.37305	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606492.2	4122640	0.3464	59.12	59.12	1.5	ANNUAL	SRCGP3	5
606512.2	4122640	0.3211	59.4	59.4	1.5	ANNUAL	SRCGP3	5
606532.2	4122640	0.29737	59.61	59.61	1.5	ANNUAL	SRCGP3	5
606552.2	4122640	0.27586	59.29	59.29	1.5	ANNUAL	SRCGP3	5

606572.2	4122640	0.25544	59.46	59.46	1.5	ANNUAL	SRCGP3	5
606592.2	4122640	0.23698	59.33	59.33	1.5	ANNUAL	SRCGP3	5
606612.2	4122640	0.21985	59.48	59.48	1.5	ANNUAL	SRCGP3	5
606632.2	4122640	0.20456	59.24	59.24	1.5	ANNUAL	SRCGP3	5
606652.2	4122640	0.19038	59.35	59.35	1.5	ANNUAL	SRCGP3	5
606672.2	4122640	0.17793	58.82	58.82	1.5	ANNUAL	SRCGP3	5
606732.2	4122640	0.14619	58.7	58.7	1.5	ANNUAL	SRCGP3	5
606752.2	4122640	0.13749	58.71	58.71	1.5	ANNUAL	SRCGP3	5
606772.2	4122640	0.1296	58.71	58.71	1.5	ANNUAL	SRCGP3	5
606852.2	4122640	0.10452	58.74	58.74	1.5	ANNUAL	SRCGP3	5
606872.2	4122640	0.09956	58.68	58.68	1.5	ANNUAL	SRCGP3	5
606992.2	4122640	0.07658	59.6	59.6	1.5	ANNUAL	SRCGP3	5
607012.2	4122640	0.07365	59.74	59.74	1.5	ANNUAL	SRCGP3	5
607032.2	4122640	0.07093	59.77	59.77	1.5	ANNUAL	SRCGP3	5
607052.2	4122640	0.06839	59.79	59.79	1.5	ANNUAL	SRCGP3	5
605632.2	4122660	0.38174	55.89	55.89	1.5	ANNUAL	SRCGP3	5
605652.2	4122660	0.39989	56.02	56.02	1.5	ANNUAL	SRCGP3	5
605672.2	4122660	0.41855	56.08	56.08	1.5	ANNUAL	SRCGP3	5
605692.2	4122660	0.43765	56.11	56.11	1.5	ANNUAL	SRCGP3	5
605712.2	4122660	0.4571	56.06	56.06	1.5	ANNUAL	SRCGP3	5
605752.2	4122660	0.49664	55.86	55.86	1.5	ANNUAL	SRCGP3	5
605772.2	4122660	0.51647	56.09	56.09	1.5	ANNUAL	SRCGP3	5
605792.2	4122660	0.53617	56.18	56.18	1.5	ANNUAL	SRCGP3	5
605812.2	4122660	0.55547	56.38	56.38	1.5	ANNUAL	SRCGP3	5
605832.2	4122660	0.5745	56.3	56.3	1.5	ANNUAL	SRCGP3	5
605852.2	4122660	0.59267	56.39	56.39	1.5	ANNUAL	SRCGP3	5
605872.2	4122660	0.60986	56.58	56.58	1.5	ANNUAL	SRCGP3	5
605892.2	4122660	0.6263	56.56	56.56	1.5	ANNUAL	SRCGP3	5
605932.2	4122660	0.65568	56.27	56.27	1.5	ANNUAL	SRCGP3	5
606252.2	4122660	0.58718	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606272.2	4122660	0.56963	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606292.2	4122660	0.55141	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606312.2	4122660	0.53232	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606352.2	4122660	0.49069	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606412.2	4122660	0.42096	58.88	58.88	1.5	ANNUAL	SRCGP3	5
606432.2	4122660	0.39664	58.82	58.82	1.5	ANNUAL	SRCGP3	5
606452.2	4122660	0.37205	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606472.2	4122660	0.34811	58.85	58.85	1.5	ANNUAL	SRCGP3	5
606492.2	4122660	0.32485	58.76	58.76	1.5	ANNUAL	SRCGP3	5
606512.2	4122660	0.30153	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606532.2	4122660	0.28036	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606552.2	4122660	0.26055	59.47	59.47	1.5	ANNUAL	SRCGP3	5
606572.2	4122660	0.24244	59.13	59.13	1.5	ANNUAL	SRCGP3	5
606592.2	4122660	0.22526	59.29	59.29	1.5	ANNUAL	SRCGP3	5
606612.2	4122660	0.20966	59.25	59.25	1.5	ANNUAL	SRCGP3	5
606632.2	4122660	0.19536	59.24	59.24	1.5	ANNUAL	SRCGP3	5
606652.2	4122660	0.18216	59.44	59.44	1.5	ANNUAL	SRCGP3	5
606672.2	4122660	0.17066	58.79	58.79	1.5	ANNUAL	SRCGP3	5
606712.2	4122660	0.15003	58.53	58.53	1.5	ANNUAL	SRCGP3	5
606732.2	4122660	0.14092	58.72	58.72	1.5	ANNUAL	SRCGP3	5
606752.2	4122660	0.1327	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606772.2	4122660	0.12524	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606792.2	4122660	0.11845	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606832.2	4122660	0.10658	58.78	58.78	1.5	ANNUAL	SRCGP3	5
606852.2	4122660	0.10139	58.78	58.78	1.5	ANNUAL	SRCGP3	5
606872.2	4122660	0.09659	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606892.2	4122660	0.0922	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606992.2	4122660	0.07457	59.64	59.64	1.5	ANNUAL	SRCGP3	5
607012.2	4122660	0.07175	59.77	59.77	1.5	ANNUAL	SRCGP3	5
607032.2	4122660	0.06913	59.77	59.77	1.5	ANNUAL	SRCGP3	5
605632.2	4122680	0.38301	55.67	55.67	1.5	ANNUAL	SRCGP3	5
605652.2	4122680	0.40005	55.72	55.72	1.5	ANNUAL	SRCGP3	5
605672.2	4122680	0.41743	55.77	55.77	1.5	ANNUAL	SRCGP3	5

605852.2	4122680	0.57216	56.07	56.07	1.5	ANNUAL	SRCGP3	5
605872.2	4122680	0.58632	56.62	56.62	1.5	ANNUAL	SRCGP3	5
605892.2	4122680	0.5997	56.71	56.71	1.5	ANNUAL	SRCGP3	5
605932.2	4122680	0.6234	56.25	56.25	1.5	ANNUAL	SRCGP3	5
605952.2	4122680	0.63188	56.78	56.78	1.5	ANNUAL	SRCGP3	5
605972.2	4122680	0.63887	57.09	57.09	1.5	ANNUAL	SRCGP3	5
606252.2	4122680	0.54157	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606272.2	4122680	0.52565	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606312.2	4122680	0.4916	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606352.2	4122680	0.45379	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606372.2	4122680	0.4336	58.95	58.95	1.5	ANNUAL	SRCGP3	5
606392.2	4122680	0.41289	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606412.2	4122680	0.39099	58.99	58.99	1.5	ANNUAL	SRCGP3	5
606432.2	4122680	0.36923	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606452.2	4122680	0.34735	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606472.2	4122680	0.32585	58.86	58.86	1.5	ANNUAL	SRCGP3	5
606492.2	4122680	0.30498	58.74	58.74	1.5	ANNUAL	SRCGP3	5
606512.2	4122680	0.28399	59.44	59.44	1.5	ANNUAL	SRCGP3	5
606532.2	4122680	0.26493	59.32	59.32	1.5	ANNUAL	SRCGP3	5
606552.2	4122680	0.24681	59.38	59.38	1.5	ANNUAL	SRCGP3	5
606572.2	4122680	0.23041	58.86	58.86	1.5	ANNUAL	SRCGP3	5
606592.2	4122680	0.21461	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606612.2	4122680	0.20009	59.19	59.19	1.5	ANNUAL	SRCGP3	5
606632.2	4122680	0.18668	59.44	59.44	1.5	ANNUAL	SRCGP3	5
606652.2	4122680	0.17461	59.36	59.36	1.5	ANNUAL	SRCGP3	5
606732.2	4122680	0.136	58.66	58.66	1.5	ANNUAL	SRCGP3	5
606752.2	4122680	0.12822	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606772.2	4122680	0.12116	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606792.2	4122680	0.11472	58.73	58.73	1.5	ANNUAL	SRCGP3	5
606812.2	4122680	0.10881	58.76	58.76	1.5	ANNUAL	SRCGP3	5
606832.2	4122680	0.10337	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606852.2	4122680	0.09838	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606872.2	4122680	0.09382	59.05	59.05	1.5	ANNUAL	SRCGP3	5
606892.2	4122680	0.08966	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606992.2	4122680	0.07272	59.57	59.57	1.5	ANNUAL	SRCGP3	5
607012.2	4122680	0.07001	59.61	59.61	1.5	ANNUAL	SRCGP3	5
607032.2	4122680	0.06747	59.7	59.7	1.5	ANNUAL	SRCGP3	5
605632.2	4122700	0.38278	56.12	56.12	1.5	ANNUAL	SRCGP3	5
605652.2	4122700	0.39859	56.16	56.16	1.5	ANNUAL	SRCGP3	5
605672.2	4122700	0.41459	56.22	56.22	1.5	ANNUAL	SRCGP3	5
605692.2	4122700	0.43069	56.22	56.22	1.5	ANNUAL	SRCGP3	5
605712.2	4122700	0.44681	56.25	56.25	1.5	ANNUAL	SRCGP3	5
605752.2	4122700	0.4787	56.02	56.02	1.5	ANNUAL	SRCGP3	5
605772.2	4122700	0.49423	56.04	56.04	1.5	ANNUAL	SRCGP3	5
605792.2	4122700	0.50933	56.11	56.11	1.5	ANNUAL	SRCGP3	5
605812.2	4122700	0.52387	56.14	56.14	1.5	ANNUAL	SRCGP3	5
605852.2	4122700	0.55078	56.07	56.07	1.5	ANNUAL	SRCGP3	5
605872.2	4122700	0.56241	56.63	56.63	1.5	ANNUAL	SRCGP3	5
605892.2	4122700	0.57318	56.78	56.78	1.5	ANNUAL	SRCGP3	5
605932.2	4122700	0.59193	56.22	56.22	1.5	ANNUAL	SRCGP3	5
605952.2	4122700	0.59806	56.78	56.78	1.5	ANNUAL	SRCGP3	5
605972.2	4122700	0.60245	57.33	57.33	1.5	ANNUAL	SRCGP3	5
605992.2	4122700	0.60579	57.38	57.38	1.5	ANNUAL	SRCGP3	5
606012.2	4122700	0.60741	57.36	57.36	1.5	ANNUAL	SRCGP3	5
606032.2	4122700	0.60681	57.56	57.56	1.5	ANNUAL	SRCGP3	5
606112.2	4122700	0.58545	58.46	58.46	1.5	ANNUAL	SRCGP3	5
606132.2	4122700	0.57557	58.93	58.93	1.5	ANNUAL	SRCGP3	5
606412.2	4122700	0.36439	59	59	1.5	ANNUAL	SRCGP3	5
606432.2	4122700	0.34482	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606452.2	4122700	0.32517	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606472.2	4122700	0.30573	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606492.2	4122700	0.28685	58.86	58.86	1.5	ANNUAL	SRCGP3	5
606512.2	4122700	0.26836	59.04	59.04	1.5	ANNUAL	SRCGP3	5

606532.2	4122700	0.25068	59.29	59.29	1.5	ANNUAL	SRCGP3	5
606552.2	4122700	0.23436	59.11	59.11	1.5	ANNUAL	SRCGP3	5
606572.2	4122700	0.21913	58.83	58.83	1.5	ANNUAL	SRCGP3	5
606592.2	4122700	0.20452	59.12	59.12	1.5	ANNUAL	SRCGP3	5
606612.2	4122700	0.19112	59.25	59.25	1.5	ANNUAL	SRCGP3	5
606632.2	4122700	0.17885	59.26	59.26	1.5	ANNUAL	SRCGP3	5
606652.2	4122700	0.16753	59.33	59.33	1.5	ANNUAL	SRCGP3	5
606732.2	4122700	0.1313	58.72	58.72	1.5	ANNUAL	SRCGP3	5
606752.2	4122700	0.124	58.72	58.72	1.5	ANNUAL	SRCGP3	5
606772.2	4122700	0.11733	58.69	58.69	1.5	ANNUAL	SRCGP3	5
606792.2	4122700	0.11117	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606812.2	4122700	0.10552	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606832.2	4122700	0.10032	59.08	59.08	1.5	ANNUAL	SRCGP3	5
606852.2	4122700	0.09558	59.14	59.14	1.5	ANNUAL	SRCGP3	5
606872.2	4122700	0.09127	58.97	58.97	1.5	ANNUAL	SRCGP3	5
605632.2	4122720	0.38102	55.87	55.87	1.5	ANNUAL	SRCGP3	5
605652.2	4122720	0.39558	55.98	55.98	1.5	ANNUAL	SRCGP3	5
605672.2	4122720	0.4102	56.08	56.08	1.5	ANNUAL	SRCGP3	5
605692.2	4122720	0.42475	56.34	56.34	1.5	ANNUAL	SRCGP3	5
605712.2	4122720	0.43927	56.25	56.25	1.5	ANNUAL	SRCGP3	5
605752.2	4122720	0.46752	56.1	56.1	1.5	ANNUAL	SRCGP3	5
605812.2	4122720	0.50638	56.43	56.43	1.5	ANNUAL	SRCGP3	5
605872.2	4122720	0.53849	56.64	56.64	1.5	ANNUAL	SRCGP3	5
605892.2	4122720	0.54702	56.83	56.83	1.5	ANNUAL	SRCGP3	5
605952.2	4122720	0.56559	56.89	56.89	1.5	ANNUAL	SRCGP3	5
605972.2	4122720	0.56825	57.38	57.38	1.5	ANNUAL	SRCGP3	5
605992.2	4122720	0.56998	57.37	57.37	1.5	ANNUAL	SRCGP3	5
606112.2	4122720	0.54458	58.4	58.4	1.5	ANNUAL	SRCGP3	5
606132.2	4122720	0.53462	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606152.2	4122720	0.52473	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606172.2	4122720	0.51415	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606192.2	4122720	0.50317	58.65	58.65	1.5	ANNUAL	SRCGP3	5
606212.2	4122720	0.4912	58.68	58.68	1.5	ANNUAL	SRCGP3	5
606232.2	4122720	0.47862	58.79	58.79	1.5	ANNUAL	SRCGP3	5
606252.2	4122720	0.46543	59	59	1.5	ANNUAL	SRCGP3	5
606272.2	4122720	0.45189	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606292.2	4122720	0.43799	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606312.2	4122720	0.42341	58.95	58.95	1.5	ANNUAL	SRCGP3	5
606352.2	4122720	0.39219	58.82	58.82	1.5	ANNUAL	SRCGP3	5
606372.2	4122720	0.3756	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606412.2	4122720	0.34055	59.02	59.02	1.5	ANNUAL	SRCGP3	5
606432.2	4122720	0.32288	58.95	58.95	1.5	ANNUAL	SRCGP3	5
606452.2	4122720	0.30516	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606472.2	4122720	0.28759	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606492.2	4122720	0.27064	58.71	58.71	1.5	ANNUAL	SRCGP3	5
606512.2	4122720	0.25382	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606532.2	4122720	0.23774	59.14	59.14	1.5	ANNUAL	SRCGP3	5
606552.2	4122720	0.22277	59	59	1.5	ANNUAL	SRCGP3	5
606572.2	4122720	0.20854	59.05	59.05	1.5	ANNUAL	SRCGP3	5
606592.2	4122720	0.19528	59.05	59.05	1.5	ANNUAL	SRCGP3	5
606612.2	4122720	0.18292	59.1	59.1	1.5	ANNUAL	SRCGP3	5
606632.2	4122720	0.17158	59	59	1.5	ANNUAL	SRCGP3	5
606652.2	4122720	0.16113	58.88	58.88	1.5	ANNUAL	SRCGP3	5
606732.2	4122720	0.12689	58.73	58.73	1.5	ANNUAL	SRCGP3	5
606752.2	4122720	0.11998	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606772.2	4122720	0.11366	58.73	58.73	1.5	ANNUAL	SRCGP3	5
606792.2	4122720	0.10779	58.9	58.9	1.5	ANNUAL	SRCGP3	5
606812.2	4122720	0.10241	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606832.2	4122720	0.0975	59.03	59.03	1.5	ANNUAL	SRCGP3	5
606852.2	4122720	0.09299	59.01	59.01	1.5	ANNUAL	SRCGP3	5
607032.2	4122720	0.06452	59.05	59.05	1.5	ANNUAL	SRCGP3	5
605632.2	4122740	0.37772	55.37	55.37	1.5	ANNUAL	SRCGP3	5
605652.2	4122740	0.39104	55.45	55.45	1.5	ANNUAL	SRCGP3	5

605672.2	4122740	0.40443	55.81	55.81	1.5	ANNUAL	SRCGP3	5
605692.2	4122740	0.41755	56.06	56.06	1.5	ANNUAL	SRCGP3	5
605712.2	4122740	0.43044	56.2	56.2	1.5	ANNUAL	SRCGP3	5
605752.2	4122740	0.45526	56.02	56.02	1.5	ANNUAL	SRCGP3	5
605812.2	4122740	0.48844	56.51	56.51	1.5	ANNUAL	SRCGP3	5
605872.2	4122740	0.51478	56.71	56.71	1.5	ANNUAL	SRCGP3	5
605892.2	4122740	0.52149	56.86	56.86	1.5	ANNUAL	SRCGP3	5
605952.2	4122740	0.53491	56.87	56.87	1.5	ANNUAL	SRCGP3	5
605972.2	4122740	0.53618	57.3	57.3	1.5	ANNUAL	SRCGP3	5
605992.2	4122740	0.53651	57.33	57.33	1.5	ANNUAL	SRCGP3	5
606112.2	4122740	0.50755	58.38	58.38	1.5	ANNUAL	SRCGP3	5
606132.2	4122740	0.49804	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606152.2	4122740	0.4884	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606172.2	4122740	0.47836	58.99	58.99	1.5	ANNUAL	SRCGP3	5
606192.2	4122740	0.46801	58.79	58.79	1.5	ANNUAL	SRCGP3	5
606212.2	4122740	0.45688	58.84	58.84	1.5	ANNUAL	SRCGP3	5
606232.2	4122740	0.44545	58.8	58.8	1.5	ANNUAL	SRCGP3	5
606252.2	4122740	0.43339	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606272.2	4122740	0.42107	58.9	58.9	1.5	ANNUAL	SRCGP3	5
606292.2	4122740	0.40812	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606312.2	4122740	0.3947	58.89	58.89	1.5	ANNUAL	SRCGP3	5
606352.2	4122740	0.36613	58.76	58.76	1.5	ANNUAL	SRCGP3	5
606392.2	4122740	0.33562	58.47	58.47	1.5	ANNUAL	SRCGP3	5
606412.2	4122740	0.31921	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606432.2	4122740	0.30323	58.83	58.83	1.5	ANNUAL	SRCGP3	5
606452.2	4122740	0.28707	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606472.2	4122740	0.27127	58.79	58.79	1.5	ANNUAL	SRCGP3	5
606492.2	4122740	0.25573	58.72	58.72	1.5	ANNUAL	SRCGP3	5
606512.2	4122740	0.24025	59.14	59.14	1.5	ANNUAL	SRCGP3	5
606532.2	4122740	0.22586	58.97	58.97	1.5	ANNUAL	SRCGP3	5
606552.2	4122740	0.21201	59	59	1.5	ANNUAL	SRCGP3	5
606572.2	4122740	0.19884	59.16	59.16	1.5	ANNUAL	SRCGP3	5
606592.2	4122740	0.18686	58.73	58.73	1.5	ANNUAL	SRCGP3	5
606612.2	4122740	0.1753	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606632.2	4122740	0.16466	58.98	58.98	1.5	ANNUAL	SRCGP3	5
606732.2	4122740	0.12268	58.86	58.86	1.5	ANNUAL	SRCGP3	5
606752.2	4122740	0.11616	58.85	58.85	1.5	ANNUAL	SRCGP3	5
606772.2	4122740	0.11017	58.81	58.81	1.5	ANNUAL	SRCGP3	5
606792.2	4122740	0.1046	58.97	58.97	1.5	ANNUAL	SRCGP3	5
606812.2	4122740	0.09951	58.97	58.97	1.5	ANNUAL	SRCGP3	5
606832.2	4122740	0.09485	58.88	58.88	1.5	ANNUAL	SRCGP3	5
606952.2	4122740	0.07322	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606972.2	4122740	0.07039	59.33	59.33	1.5	ANNUAL	SRCGP3	5
606992.2	4122740	0.06785	58.99	58.99	1.5	ANNUAL	SRCGP3	5
607012.2	4122740	0.06543	58.9	58.9	1.5	ANNUAL	SRCGP3	5
607032.2	4122740	0.06312	59.01	59.01	1.5	ANNUAL	SRCGP3	5
607052.2	4122740	0.06097	58.96	58.96	1.5	ANNUAL	SRCGP3	5
605632.2	4122760	0.37334	55.34	55.34	1.5	ANNUAL	SRCGP3	5
605652.2	4122760	0.38532	55.21	55.21	1.5	ANNUAL	SRCGP3	5
605672.2	4122760	0.3974	55.59	55.59	1.5	ANNUAL	SRCGP3	5
605692.2	4122760	0.40917	55.89	55.89	1.5	ANNUAL	SRCGP3	5
605712.2	4122760	0.42056	56.3	56.3	1.5	ANNUAL	SRCGP3	5
605752.2	4122760	0.44221	55.94	55.94	1.5	ANNUAL	SRCGP3	5
605772.2	4122760	0.45228	56.19	56.19	1.5	ANNUAL	SRCGP3	5
605812.2	4122760	0.47043	56.43	56.43	1.5	ANNUAL	SRCGP3	5
605832.2	4122760	0.47846	56.44	56.44	1.5	ANNUAL	SRCGP3	5
605872.2	4122760	0.49172	56.66	56.66	1.5	ANNUAL	SRCGP3	5
605892.2	4122760	0.49679	56.85	56.85	1.5	ANNUAL	SRCGP3	5
605912.2	4122760	0.50115	56.7	56.7	1.5	ANNUAL	SRCGP3	5
605952.2	4122760	0.50592	56.83	56.83	1.5	ANNUAL	SRCGP3	5
605972.2	4122760	0.50599	57.28	57.28	1.5	ANNUAL	SRCGP3	5
605992.2	4122760	0.50518	57.37	57.37	1.5	ANNUAL	SRCGP3	5
606112.2	4122760	0.47396	58.4	58.4	1.5	ANNUAL	SRCGP3	5

606132.2	4122760	0.4648	58.99	58.99	1.5	ANNUAL	SRCGP3	5
606152.2	4122760	0.45583	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606172.2	4122760	0.44633	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606192.2	4122760	0.43645	58.93	58.93	1.5	ANNUAL	SRCGP3	5
606212.2	4122760	0.42616	58.95	58.95	1.5	ANNUAL	SRCGP3	5
606232.2	4122760	0.4155	58.97	58.97	1.5	ANNUAL	SRCGP3	5
606252.2	4122760	0.40445	59.02	59.02	1.5	ANNUAL	SRCGP3	5
606272.2	4122760	0.39311	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606292.2	4122760	0.38113	59.02	59.02	1.5	ANNUAL	SRCGP3	5
606312.2	4122760	0.36894	58.8	58.8	1.5	ANNUAL	SRCGP3	5
606352.2	4122760	0.3427	58.68	58.68	1.5	ANNUAL	SRCGP3	5
606392.2	4122760	0.31471	58.55	58.55	1.5	ANNUAL	SRCGP3	5
606412.2	4122760	0.29991	58.89	58.89	1.5	ANNUAL	SRCGP3	5
606432.2	4122760	0.28538	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606452.2	4122760	0.27079	58.74	58.74	1.5	ANNUAL	SRCGP3	5
606472.2	4122760	0.25626	58.81	58.81	1.5	ANNUAL	SRCGP3	5
606492.2	4122760	0.24206	58.79	58.79	1.5	ANNUAL	SRCGP3	5
606512.2	4122760	0.22799	59.13	59.13	1.5	ANNUAL	SRCGP3	5
606532.2	4122760	0.21478	59	59	1.5	ANNUAL	SRCGP3	5
606552.2	4122760	0.20201	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606572.2	4122760	0.19008	58.9	58.9	1.5	ANNUAL	SRCGP3	5
606592.2	4122760	0.17889	58.64	58.64	1.5	ANNUAL	SRCGP3	5
606612.2	4122760	0.16815	58.84	58.84	1.5	ANNUAL	SRCGP3	5
606732.2	4122760	0.11874	58.85	58.85	1.5	ANNUAL	SRCGP3	5
606752.2	4122760	0.11258	58.81	58.81	1.5	ANNUAL	SRCGP3	5
606772.2	4122760	0.10688	58.81	58.81	1.5	ANNUAL	SRCGP3	5
606792.2	4122760	0.1016	58.91	58.91	1.5	ANNUAL	SRCGP3	5
606812.2	4122760	0.09677	58.85	58.85	1.5	ANNUAL	SRCGP3	5
606952.2	4122760	0.07152	59.04	59.04	1.5	ANNUAL	SRCGP3	5
606972.2	4122760	0.06884	59.14	59.14	1.5	ANNUAL	SRCGP3	5
606992.2	4122760	0.06635	59.04	59.04	1.5	ANNUAL	SRCGP3	5
607012.2	4122760	0.06399	59.07	59.07	1.5	ANNUAL	SRCGP3	5
607032.2	4122760	0.06177	59.14	59.14	1.5	ANNUAL	SRCGP3	5
607052.2	4122760	0.05965	59.43	59.43	1.5	ANNUAL	SRCGP3	5
605632.2	4122780	0.36808	55.85	55.85	1.5	ANNUAL	SRCGP3	5
605652.2	4122780	0.37878	55.45	55.45	1.5	ANNUAL	SRCGP3	5
605672.2	4122780	0.38943	55.53	55.53	1.5	ANNUAL	SRCGP3	5
605692.2	4122780	0.39989	55.97	55.97	1.5	ANNUAL	SRCGP3	5
605712.2	4122780	0.40983	56.36	56.36	1.5	ANNUAL	SRCGP3	5
605752.2	4122780	0.42862	55.83	55.83	1.5	ANNUAL	SRCGP3	5
605772.2	4122780	0.43719	56.24	56.24	1.5	ANNUAL	SRCGP3	5
605792.2	4122780	0.44514	56.32	56.32	1.5	ANNUAL	SRCGP3	5
605812.2	4122780	0.45244	56.32	56.32	1.5	ANNUAL	SRCGP3	5
605872.2	4122780	0.46939	56.54	56.54	1.5	ANNUAL	SRCGP3	5
605892.2	4122780	0.473	56.87	56.87	1.5	ANNUAL	SRCGP3	5
605912.2	4122780	0.47596	56.82	56.82	1.5	ANNUAL	SRCGP3	5
605952.2	4122780	0.47855	56.84	56.84	1.5	ANNUAL	SRCGP3	5
605992.2	4122780	0.476	57.42	57.42	1.5	ANNUAL	SRCGP3	5
606112.2	4122780	0.44335	58.54	58.54	1.5	ANNUAL	SRCGP3	5
606132.2	4122780	0.43487	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606152.2	4122780	0.42643	58.85	58.85	1.5	ANNUAL	SRCGP3	5
606172.2	4122780	0.41754	58.83	58.83	1.5	ANNUAL	SRCGP3	5
606192.2	4122780	0.40815	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606212.2	4122780	0.39863	58.93	58.93	1.5	ANNUAL	SRCGP3	5
606232.2	4122780	0.38874	58.96	58.96	1.5	ANNUAL	SRCGP3	5
606252.2	4122780	0.37848	59.01	59.01	1.5	ANNUAL	SRCGP3	5
606272.2	4122780	0.36799	58.92	58.92	1.5	ANNUAL	SRCGP3	5
606292.2	4122780	0.35708	58.83	58.83	1.5	ANNUAL	SRCGP3	5
606312.2	4122780	0.34563	58.8	58.8	1.5	ANNUAL	SRCGP3	5
606352.2	4122780	0.32142	58.75	58.75	1.5	ANNUAL	SRCGP3	5
606372.2	4122780	0.30883	58.61	58.61	1.5	ANNUAL	SRCGP3	5
606392.2	4122780	0.29579	58.65	58.65	1.5	ANNUAL	SRCGP3	5
606412.2	4122780	0.28255	58.67	58.67	1.5	ANNUAL	SRCGP3	5

606432.2	4122780	0.26919	58.69	58.69	1.5	ANNUAL	SRCGP3	5
606452.2	4122780	0.25584	58.72	58.72	1.5	ANNUAL	SRCGP3	5
606472.2	4122780	0.24257	58.8	58.8	1.5	ANNUAL	SRCGP3	5
606492.2	4122780	0.22961	58.78	58.78	1.5	ANNUAL	SRCGP3	5
606512.2	4122780	0.21681	58.99	58.99	1.5	ANNUAL	SRCGP3	5
606532.2	4122780	0.20467	58.87	58.87	1.5	ANNUAL	SRCGP3	5
606552.2	4122780	0.19297	58.84	58.84	1.5	ANNUAL	SRCGP3	5
606572.2	4122780	0.1818	58.9	58.9	1.5	ANNUAL	SRCGP3	5
606592.2	4122780	0.17129	58.86	58.86	1.5	ANNUAL	SRCGP3	5
606852.2	4122780	0.08576	59.42	59.42	1.5	ANNUAL	SRCGP3	5
606872.2	4122780	0.08203	59.78	59.78	1.5	ANNUAL	SRCGP3	5
606892.2	4122780	0.07861	59.88	59.88	1.5	ANNUAL	SRCGP3	5
606912.2	4122780	0.07554	59.41	59.41	1.5	ANNUAL	SRCGP3	5
606932.2	4122780	0.07264	59.16	59.16	1.5	ANNUAL	SRCGP3	5
606952.2	4122780	0.06989	59.13	59.13	1.5	ANNUAL	SRCGP3	5
606972.2	4122780	0.0673	59.24	59.24	1.5	ANNUAL	SRCGP3	5
606992.2	4122780	0.06487	59.35	59.35	1.5	ANNUAL	SRCGP3	5
607012.2	4122780	0.06259	59.45	59.45	1.5	ANNUAL	SRCGP3	5
607032.2	4122780	0.06045	59.54	59.54	1.5	ANNUAL	SRCGP3	5
607052.2	4122780	0.05842	59.6	59.6	1.5	ANNUAL	SRCGP3	5
605632.2	4122800	0.3617	55.94	55.94	1.5	ANNUAL	SRCGP3	5
605652.2	4122800	0.37136	55.72	55.72	1.5	ANNUAL	SRCGP3	5
605672.2	4122800	0.38065	55.44	55.44	1.5	ANNUAL	SRCGP3	5
605692.2	4122800	0.38989	55.95	55.95	1.5	ANNUAL	SRCGP3	5
605712.2	4122800	0.3986	56.24	56.24	1.5	ANNUAL	SRCGP3	5
605732.2	4122800	0.40689	56.16	56.16	1.5	ANNUAL	SRCGP3	5
605772.2	4122800	0.42193	56.15	56.15	1.5	ANNUAL	SRCGP3	5
605872.2	4122800	0.44776	56.54	56.54	1.5	ANNUAL	SRCGP3	5
605892.2	4122800	0.45028	56.82	56.82	1.5	ANNUAL	SRCGP3	5
605912.2	4122800	0.45206	56.89	56.89	1.5	ANNUAL	SRCGP3	5
605952.2	4122800	0.4528	56.89	56.89	1.5	ANNUAL	SRCGP3	5
605992.2	4122800	0.44897	57.38	57.38	1.5	ANNUAL	SRCGP3	5
606032.2	4122800	0.44148	57.49	57.49	1.5	ANNUAL	SRCGP3	5
606112.2	4122800	0.41572	58.52	58.52	1.5	ANNUAL	SRCGP3	5
606352.2	4122800	0.30236	58.58	58.58	1.5	ANNUAL	SRCGP3	5
606372.2	4122800	0.29084	58.38	58.38	1.5	ANNUAL	SRCGP3	5
606392.2	4122800	0.27875	58.59	58.59	1.5	ANNUAL	SRCGP3	5
606412.2	4122800	0.26659	58.67	58.67	1.5	ANNUAL	SRCGP3	5
606432.2	4122800	0.2544	58.67	58.67	1.5	ANNUAL	SRCGP3	5
606452.2	4122800	0.2422	58.68	58.68	1.5	ANNUAL	SRCGP3	5
606472.2	4122800	0.23006	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606492.2	4122800	0.21822	58.69	58.69	1.5	ANNUAL	SRCGP3	5
606512.2	4122800	0.20644	58.94	58.94	1.5	ANNUAL	SRCGP3	5
606532.2	4122800	0.19529	58.78	58.78	1.5	ANNUAL	SRCGP3	5
606552.2	4122800	0.18448	58.77	58.77	1.5	ANNUAL	SRCGP3	5
606572.2	4122800	0.17415	58.78	58.78	1.5	ANNUAL	SRCGP3	5
606672.2	4122800	0.13063	59.6	59.6	1.5	ANNUAL	SRCGP3	5
606692.2	4122800	0.12364	59.7	59.7	1.5	ANNUAL	SRCGP3	5
606712.2	4122800	0.11722	59.64	59.64	1.5	ANNUAL	SRCGP3	5
606732.2	4122800	0.11125	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606752.2	4122800	0.10578	59.35	59.35	1.5	ANNUAL	SRCGP3	5
606852.2	4122800	0.08352	59.84	59.84	1.5	ANNUAL	SRCGP3	5
606872.2	4122800	0.08	59.89	59.89	1.5	ANNUAL	SRCGP3	5
606892.2	4122800	0.07675	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606912.2	4122800	0.07379	59.35	59.35	1.5	ANNUAL	SRCGP3	5
606932.2	4122800	0.07097	59.26	59.26	1.5	ANNUAL	SRCGP3	5
606952.2	4122800	0.06831	59.35	59.35	1.5	ANNUAL	SRCGP3	5
606972.2	4122800	0.06583	59.35	59.35	1.5	ANNUAL	SRCGP3	5
606992.2	4122800	0.06348	59.48	59.48	1.5	ANNUAL	SRCGP3	5
607012.2	4122800	0.06128	59.6	59.6	1.5	ANNUAL	SRCGP3	5
607032.2	4122800	0.05921	59.72	59.72	1.5	ANNUAL	SRCGP3	5
607052.2	4122800	0.05725	59.83	59.83	1.5	ANNUAL	SRCGP3	5
605632.2	4122820	0.35455	56.01	56.01	1.5	ANNUAL	SRCGP3	5

605652.2	4122820	0.36314	55.93	55.93	1.5	ANNUAL	SRCGP3	5
605672.2	4122820	0.3713	55.46	55.46	1.5	ANNUAL	SRCGP3	5
605692.2	4122820	0.37937	55.87	55.87	1.5	ANNUAL	SRCGP3	5
605712.2	4122820	0.38691	56.12	56.12	1.5	ANNUAL	SRCGP3	5
605732.2	4122820	0.394	56.28	56.28	1.5	ANNUAL	SRCGP3	5
605832.2	4122820	0.42114	56.19	56.19	1.5	ANNUAL	SRCGP3	5
605852.2	4122820	0.42443	56.45	56.45	1.5	ANNUAL	SRCGP3	5
605872.2	4122820	0.42688	56.68	56.68	1.5	ANNUAL	SRCGP3	5
605892.2	4122820	0.42856	56.85	56.85	1.5	ANNUAL	SRCGP3	5
605912.2	4122820	0.42958	56.78	56.78	1.5	ANNUAL	SRCGP3	5
605952.2	4122820	0.42881	56.78	56.78	1.5	ANNUAL	SRCGP3	5
606672.2	4122820	0.12608	60.05	60.05	1.5	ANNUAL	SRCGP3	5
606692.2	4122820	0.11953	60.05	60.05	1.5	ANNUAL	SRCGP3	5
606712.2	4122820	0.11343	60.05	60.05	1.5	ANNUAL	SRCGP3	5
606732.2	4122820	0.10778	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606752.2	4122820	0.1026	59.76	59.76	1.5	ANNUAL	SRCGP3	5
606852.2	4122820	0.08146	59.81	59.81	1.5	ANNUAL	SRCGP3	5
606872.2	4122820	0.07812	59.66	59.66	1.5	ANNUAL	SRCGP3	5
606892.2	4122820	0.075	59.52	59.52	1.5	ANNUAL	SRCGP3	5
606912.2	4122820	0.07212	59.24	59.24	1.5	ANNUAL	SRCGP3	5
606932.2	4122820	0.0694	59.17	59.17	1.5	ANNUAL	SRCGP3	5
606952.2	4122820	0.06679	59.58	59.58	1.5	ANNUAL	SRCGP3	5
606972.2	4122820	0.06441	59.5	59.5	1.5	ANNUAL	SRCGP3	5
606992.2	4122820	0.06215	59.61	59.61	1.5	ANNUAL	SRCGP3	5
607012.2	4122820	0.06003	59.73	59.73	1.5	ANNUAL	SRCGP3	5
607032.2	4122820	0.05803	59.84	59.84	1.5	ANNUAL	SRCGP3	5
607052.2	4122820	0.05613	59.95	59.95	1.5	ANNUAL	SRCGP3	5
605632.2	4122840	0.34677	56.04	56.04	1.5	ANNUAL	SRCGP3	5
605652.2	4122840	0.35435	56.02	56.02	1.5	ANNUAL	SRCGP3	5
605672.2	4122840	0.36153	55.61	55.61	1.5	ANNUAL	SRCGP3	5
605692.2	4122840	0.36839	55.54	55.54	1.5	ANNUAL	SRCGP3	5
605712.2	4122840	0.37497	56.03	56.03	1.5	ANNUAL	SRCGP3	5
605792.2	4122840	0.39603	55.98	55.98	1.5	ANNUAL	SRCGP3	5
605812.2	4122840	0.39982	56.36	56.36	1.5	ANNUAL	SRCGP3	5
605832.2	4122840	0.40296	56.44	56.44	1.5	ANNUAL	SRCGP3	5
605852.2	4122840	0.40534	56.61	56.61	1.5	ANNUAL	SRCGP3	5
605872.2	4122840	0.40708	56.67	56.67	1.5	ANNUAL	SRCGP3	5
605892.2	4122840	0.40813	56.62	56.62	1.5	ANNUAL	SRCGP3	5
605912.2	4122840	0.40835	56.64	56.64	1.5	ANNUAL	SRCGP3	5
606092.2	4122840	0.37462	57.96	57.96	1.5	ANNUAL	SRCGP3	5
606112.2	4122840	0.36833	57.62	57.62	1.5	ANNUAL	SRCGP3	5
606192.2	4122840	0.33921	57.89	57.89	1.5	ANNUAL	SRCGP3	5
606212.2	4122840	0.33122	58.17	58.17	1.5	ANNUAL	SRCGP3	5
606252.2	4122840	0.31482	58.37	58.37	1.5	ANNUAL	SRCGP3	5
606272.2	4122840	0.30623	58.44	58.44	1.5	ANNUAL	SRCGP3	5
606292.2	4122840	0.2974	58.42	58.42	1.5	ANNUAL	SRCGP3	5
606312.2	4122840	0.28826	58.42	58.42	1.5	ANNUAL	SRCGP3	5
606332.2	4122840	0.27892	58.29	58.29	1.5	ANNUAL	SRCGP3	5
606352.2	4122840	0.26916	58.35	58.35	1.5	ANNUAL	SRCGP3	5
606372.2	4122840	0.25934	58.21	58.21	1.5	ANNUAL	SRCGP3	5
606392.2	4122840	0.2492	58.27	58.27	1.5	ANNUAL	SRCGP3	5
606412.2	4122840	0.2389	58.38	58.38	1.5	ANNUAL	SRCGP3	5
606432.2	4122840	0.22856	58.49	58.49	1.5	ANNUAL	SRCGP3	5
606452.2	4122840	0.21831	58.48	58.48	1.5	ANNUAL	SRCGP3	5
606672.2	4122840	0.12194	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606692.2	4122840	0.11575	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606712.2	4122840	0.10997	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606732.2	4122840	0.1046	60.04	60.04	1.5	ANNUAL	SRCGP3	5
606752.2	4122840	0.09971	59.62	59.62	1.5	ANNUAL	SRCGP3	5
606852.2	4122840	0.0795	59.73	59.73	1.5	ANNUAL	SRCGP3	5
606872.2	4122840	0.07632	59.38	59.38	1.5	ANNUAL	SRCGP3	5
606892.2	4122840	0.07332	59.24	59.24	1.5	ANNUAL	SRCGP3	5
606912.2	4122840	0.07053	59.1	59.1	1.5	ANNUAL	SRCGP3	5

606932.2	4122840	0.0679	59.07	59.07	1.5	ANNUAL	SRCGP3	5
606952.2	4122840	0.06534	59.74	59.74	1.5	ANNUAL	SRCGP3	5
606972.2	4122840	0.06304	59.69	59.69	1.5	ANNUAL	SRCGP3	5
606992.2	4122840	0.06087	59.74	59.74	1.5	ANNUAL	SRCGP3	5
607012.2	4122840	0.05882	59.86	59.86	1.5	ANNUAL	SRCGP3	5
607032.2	4122840	0.05689	59.97	59.97	1.5	ANNUAL	SRCGP3	5
607052.2	4122840	0.05507	60	60	1.5	ANNUAL	SRCGP3	5
606158.5	4121900	0.12792	57.39	313.5	1.5	ANNUAL	SRCGP3	5
606169	4121883	0.11797	57.41	313.5	1.5	ANNUAL	SRCGP3	5
606132.1	4121801	0.07179	57.52	313.5	1.5	ANNUAL	SRCGP3	5
606385	4122113	29.78116	61.43	61.43	1.5	ANNUAL	SRCGP3	5
606405	4122113	38.32101	61.72	61.72	1.5	ANNUAL	SRCGP3	5
606425	4122113	45.69248	61.52	61.52	1.5	ANNUAL	SRCGP3	5
606445	4122113	53.43892	60.48	60.48	1.5	ANNUAL	SRCGP3	5
606465	4122113	50.80746	59.09	59.09	1.5	ANNUAL	SRCGP3	5
606385	4122133	37.55777	61.8	61.8	1.5	ANNUAL	SRCGP3	5
606405	4122133	49.95334	61.32	61.32	1.5	ANNUAL	SRCGP3	5
606425	4122133	57.37798	60.86	60.86	1.5	ANNUAL	SRCGP3	5
606445	4122133	61.5313	60.28	60.28	1.5	ANNUAL	SRCGP3	5
606465	4122133	55.59498	59.15	59.15	1.5	ANNUAL	SRCGP3	5
606385	4122153	49.33822	60.69	61.52	1.5	ANNUAL	SRCGP3	5
606405	4122153	58.80438	60.54	60.54	1.5	ANNUAL	SRCGP3	5
606425	4122153	62.86264	60.21	60.21	1.5	ANNUAL	SRCGP3	5
606445	4122153	61.83053	59.8	59.8	1.5	ANNUAL	SRCGP3	5
606465	4122153	54.53167	59.25	59.25	1.5	ANNUAL	SRCGP3	5
606385	4122173	42.71259	57.94	61.91	1.5	ANNUAL	SRCGP3	5
606405	4122173	52.90527	58.59	60.32	1.5	ANNUAL	SRCGP3	5
606425	4122173	54.90492	58.64	58.64	1.5	ANNUAL	SRCGP3	5
606445	4122173	49.54431	57.99	59.8	1.5	ANNUAL	SRCGP3	5
606465	4122173	42.87196	58.06	59.47	1.5	ANNUAL	SRCGP3	5
606385	4122193	38.12843	57.29	57.29	1.5	ANNUAL	SRCGP3	5
606405	4122193	40.64617	57.3	57.3	1.5	ANNUAL	SRCGP3	5
606425	4122193	39.82523	57.36	57.36	1.5	ANNUAL	SRCGP3	5
606445	4122193	34.92841	57.02	57.02	1.5	ANNUAL	SRCGP3	5
606465	4122193	28.37614	57.48	58.37	1.5	ANNUAL	SRCGP3	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP4
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.01547	56.12	313.5	1.5	ANNUAL	SRCGP4	5	
605652.2	4121420	0.01542	56.27	313.5	1.5	ANNUAL	SRCGP4	5	
605672.2	4121420	0.01538	55.57	313.5	1.5	ANNUAL	SRCGP4	5	
605692.2	4121420	0.01537	55.91	313.5	1.5	ANNUAL	SRCGP4	5	
605712.2	4121420	0.01536	56.29	313.5	1.5	ANNUAL	SRCGP4	5	
605732.2	4121420	0.01536	56.54	313.5	1.5	ANNUAL	SRCGP4	5	
605752.2	4121420	0.01536	56.56	313.5	1.5	ANNUAL	SRCGP4	5	
605772.2	4121420	0.01536	56.68	313.5	1.5	ANNUAL	SRCGP4	5	
605792.2	4121420	0.01534	56.74	313.5	1.5	ANNUAL	SRCGP4	5	
605812.2	4121420	0.01531	56.85	313.5	1.5	ANNUAL	SRCGP4	5	
605832.2	4121420	0.01528	56.94	313.5	1.5	ANNUAL	SRCGP4	5	
605852.2	4121420	0.01524	56.97	313.5	1.5	ANNUAL	SRCGP4	5	
605872.2	4121420	0.01522	56.99	313.5	1.5	ANNUAL	SRCGP4	5	
605892.2	4121420	0.01521	57.31	313.5	1.5	ANNUAL	SRCGP4	5	
605912.2	4121420	0.01529	57.25	313.5	1.5	ANNUAL	SRCGP4	5	
605932.2	4121420	0.01546	57.32	313.5	1.5	ANNUAL	SRCGP4	5	
605952.2	4121420	0.01577	57.39	313.5	1.5	ANNUAL	SRCGP4	5	
605972.2	4121420	0.01626	57.4	313.5	1.5	ANNUAL	SRCGP4	5	
605992.2	4121420	0.01699	57.54	313.5	1.5	ANNUAL	SRCGP4	5	
606012.2	4121420	0.01798	57.65	313.5	1.5	ANNUAL	SRCGP4	5	
606032.2	4121420	0.01927	57.64	313.5	1.5	ANNUAL	SRCGP4	5	
606052.2	4121420	0.02085	57.67	313.5	1.5	ANNUAL	SRCGP4	5	
606072.2	4121420	0.02268	57.7	313.5	1.5	ANNUAL	SRCGP4	5	
606092.2	4121420	0.0247	57.58	313.5	1.5	ANNUAL	SRCGP4	5	
606112.2	4121420	0.02682	57.29	313.5	1.5	ANNUAL	SRCGP4	5	
606132.2	4121420	0.02886	57.65	313.5	1.5	ANNUAL	SRCGP4	5	
606152.2	4121420	0.03074	57.77	313.5	1.5	ANNUAL	SRCGP4	5	
606172.2	4121420	0.03235	57.87	313.5	1.5	ANNUAL	SRCGP4	5	
606192.2	4121420	0.03358	57.9	313.5	1.5	ANNUAL	SRCGP4	5	
606212.2	4121420	0.03442	57.87	313.5	1.5	ANNUAL	SRCGP4	5	
606232.2	4121420	0.03487	57.92	313.5	1.5	ANNUAL	SRCGP4	5	
606252.2	4121420	0.03502	57.96	313.5	1.5	ANNUAL	SRCGP4	5	
606272.2	4121420	0.03502	58.02	313.5	1.5	ANNUAL	SRCGP4	5	
606292.2	4121420	0.03506	58.1	313.5	1.5	ANNUAL	SRCGP4	5	
606312.2	4121420	0.0354	58.18	313.5	1.5	ANNUAL	SRCGP4	5	
606332.2	4121420	0.03625	58.12	313.5	1.5	ANNUAL	SRCGP4	5	
606352.2	4121420	0.03774	58.13	313.5	1.5	ANNUAL	SRCGP4	5	
606372.2	4121420	0.03993	58.21	313.5	1.5	ANNUAL	SRCGP4	5	
606392.2	4121420	0.04274	58.18	313.5	1.5	ANNUAL	SRCGP4	5	
606412.2	4121420	0.04592	58.25	313.5	1.5	ANNUAL	SRCGP4	5	
606432.2	4121420	0.04915	58.51	313.5	1.5	ANNUAL	SRCGP4	5	
606452.2	4121420	0.05229	58.21	313.5	1.5	ANNUAL	SRCGP4	5	
606472.2	4121420	0.05503	57.94	313.5	1.5	ANNUAL	SRCGP4	5	
606492.2	4121420	0.05723	58.01	313.5	1.5	ANNUAL	SRCGP4	5	
606512.2	4121420	0.05903	58.38	313.5	1.5	ANNUAL	SRCGP4	5	
606532.2	4121420	0.06083	58.56	313.5	1.5	ANNUAL	SRCGP4	5	
606552.2	4121420	0.06309	58.28	313.5	1.5	ANNUAL	SRCGP4	5	
606572.2	4121420	0.06595	58.14	313.5	1.5	ANNUAL	SRCGP4	5	
606592.2	4121420	0.06943	58.6	313.5	1.5	ANNUAL	SRCGP4	5	
606612.2	4121420	0.0739	58.68	313.5	1.5	ANNUAL	SRCGP4	5	
606632.2	4121420	0.0791	58.71	313.5	1.5	ANNUAL	SRCGP4	5	
606652.2	4121420	0.08478	58.72	313.5	1.5	ANNUAL	SRCGP4	5	
606672.2	4121420	0.09057	58.81	313.5	1.5	ANNUAL	SRCGP4	5	
606692.2	4121420	0.09625	58.86	313.5	1.5	ANNUAL	SRCGP4	5	
606712.2	4121420	0.10161	58.92	313.5	1.5	ANNUAL	SRCGP4	5	

606732.2	4121420	0.10658	58.96	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121420	0.11113	59.07	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121420	0.11539	59.16	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121420	0.11946	59.26	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121420	0.12339	59.44	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121420	0.12735	59.46	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121420	0.13117	59.58	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121420	0.13495	59.53	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121420	0.1384	59.61	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121420	0.1415	59.72	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121420	0.14436	59.66	313.5	1.5	ANNUAL	SRCGP4	5
606952.2	4121420	0.14724	59.18	313.5	1.5	ANNUAL	SRCGP4	5
606972.2	4121420	0.14916	59.62	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121420	0.15114	59.87	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121420	0.15342	59.87	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121420	0.15636	59.37	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121420	0.15916	59.49	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121440	0.01627	56.05	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121440	0.01619	56.13	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121440	0.01614	55.38	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121440	0.0161	56.09	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121440	0.01607	56.42	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121440	0.01607	56.49	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121440	0.01607	56.49	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121440	0.01606	56.63	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121440	0.01605	56.78	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121440	0.01604	56.87	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121440	0.01601	56.94	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121440	0.01598	56.97	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121440	0.01595	57.02	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121440	0.01593	57.15	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121440	0.01596	57.22	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121440	0.01608	57.31	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121440	0.01632	57.34	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121440	0.01673	57.37	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121440	0.01736	57.49	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121440	0.01826	57.6	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121440	0.01947	57.63	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121440	0.021	57.68	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121440	0.02283	57.76	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121440	0.02492	57.5	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121440	0.02716	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121440	0.02937	57.57	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121440	0.03146	57.76	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121440	0.03331	57.79	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121440	0.03479	57.82	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121440	0.03583	57.9	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121440	0.03646	57.84	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121440	0.03672	57.95	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121440	0.03678	58.09	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121440	0.03688	58.08	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121440	0.03724	58.11	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121440	0.03808	58.26	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4121440	0.03963	58.36	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121440	0.04192	58.47	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121440	0.04489	58.51	313.5	1.5	ANNUAL	SRCGP4	5
606412.2	4121440	0.04829	58.5	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121440	0.05182	58.44	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121440	0.05524	57.94	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121440	0.05809	58.07	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121440	0.06046	58.23	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121440	0.06265	58	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121440	0.06483	57.91	313.5	1.5	ANNUAL	SRCGP4	5

606552.2	4121440	0.06737	57.95	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121440	0.07053	58.26	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121440	0.07466	58.41	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121440	0.0797	58.52	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121440	0.08544	58.64	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121440	0.09159	58.76	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121440	0.09784	58.83	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121440	0.10386	58.94	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121440	0.10955	58.98	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121440	0.11483	59	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121440	0.1197	59.07	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121440	0.12433	59.09	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121440	0.1288	59.11	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121440	0.13317	59.15	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121440	0.13741	59.23	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121440	0.14154	59.28	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121440	0.14541	59.35	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121440	0.14897	59.39	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121440	0.15213	59.46	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121440	0.1549	59.56	313.5	1.5	ANNUAL	SRCGP4	5
606952.2	4121440	0.15786	59.12	313.5	1.5	ANNUAL	SRCGP4	5
606972.2	4121440	0.15978	59.72	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121440	0.1622	59.82	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121440	0.16493	59.83	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121440	0.16824	59.6	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121440	0.17211	59.27	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121460	0.01714	56.11	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121460	0.01706	55.9	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121460	0.01698	55.4	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121460	0.01692	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121460	0.01687	56.46	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121460	0.01685	56.39	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121460	0.01685	55.88	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121460	0.01685	55.96	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121460	0.01685	56.13	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121460	0.01684	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121460	0.01683	56.31	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121460	0.0168	56.41	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121460	0.01677	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121460	0.01675	56.58	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121460	0.01675	56.68	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121460	0.01682	56.82	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121460	0.01699	56.86	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121460	0.01732	57.01	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121460	0.01786	57.03	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121460	0.01866	57.17	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121460	0.01977	57.29	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121460	0.02123	57.35	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121460	0.02305	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121460	0.02516	57.14	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121460	0.02747	57.2	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121460	0.02988	57.18	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121460	0.03221	57.21	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121460	0.03431	57.28	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121460	0.03605	57.35	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121460	0.03735	57.35	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121460	0.03818	57.38	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121460	0.03861	57.46	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121460	0.03877	57.55	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121460	0.03891	57.62	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121460	0.0393	57.7	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121460	0.04018	57.89	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4121460	0.0418	58	313.5	1.5	ANNUAL	SRCGP4	5

606372.2	4121460	0.04422	58.15	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121460	0.04738	58.16	313.5	1.5	ANNUAL	SRCGP4	5
606412.2	4121460	0.05101	58.19	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121460	0.05481	58.11	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121460	0.05843	57.85	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121460	0.0614	58.35	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121460	0.06401	58.47	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121460	0.06643	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121460	0.06896	58.19	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121460	0.07202	57.99	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121460	0.07588	57.88	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121460	0.08067	57.93	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121460	0.08636	58.06	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121460	0.09272	58.23	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121460	0.09943	58.38	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121460	0.10613	58.53	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121460	0.11257	58.63	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121460	0.11862	58.67	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121460	0.12426	58.68	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121460	0.12955	58.68	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121460	0.13459	58.68	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121460	0.13946	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121460	0.17477	59.77	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121460	0.17818	59.72	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121460	0.18209	59.63	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121460	0.1869	59.14	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121480	0.01809	56.28	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121480	0.018	55.6	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121480	0.01792	55.65	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121480	0.01784	56.22	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121480	0.01777	56.48	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121480	0.01773	56.14	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121480	0.0177	55.72	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121480	0.01769	56.08	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121480	0.01769	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121480	0.01769	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121480	0.01768	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121480	0.01767	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121480	0.01765	56.32	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121480	0.01762	56.38	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121480	0.01762	56.43	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121480	0.01765	56.51	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121480	0.01777	56.52	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121480	0.01802	56.66	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121480	0.01847	56.66	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121480	0.01917	56.69	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121480	0.02017	56.84	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121480	0.02153	57.06	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121480	0.02327	57.31	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121480	0.02538	57.3	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121480	0.02778	57.23	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121480	0.03031	57.37	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121480	0.03287	57.37	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121480	0.03524	57.39	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121480	0.03728	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121480	0.03887	57.35	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121480	0.03994	57.39	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121480	0.04055	57.44	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121480	0.04084	57.52	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121480	0.04106	57.55	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121480	0.04149	57.64	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121480	0.04243	57.76	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4121480	0.04413	57.87	313.5	1.5	ANNUAL	SRCGP4	5

606372.2	4121480	0.04668	58.06	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121480	0.05006	58.09	313.5	1.5	ANNUAL	SRCGP4	5
606412.2	4121480	0.05401	57.89	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121480	0.05812	57.73	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121480	0.0619	57.9	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121480	0.06521	58.14	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121480	0.06805	58.4	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121480	0.07071	58.5	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121480	0.07357	58.49	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121480	0.0771	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121480	0.08153	58.34	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121480	0.08702	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121480	0.0935	58.32	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121480	0.10066	58.27	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121480	0.10808	58.25	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121480	0.11538	58.27	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121480	0.12232	58.31	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121480	0.12879	58.36	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121480	0.13477	58.46	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121480	0.14038	58.59	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121480	0.14579	58.68	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121480	0.15104	58.76	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121480	0.18908	59.83	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121480	0.19366	59.41	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121480	0.19852	59.21	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121480	0.20369	59.13	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121500	0.01908	56.09	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121500	0.01902	55.49	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121500	0.01894	56.02	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121500	0.01885	56.36	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121500	0.01877	56.42	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121500	0.01871	55.68	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121500	0.01866	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121500	0.01861	56.64	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121500	0.01859	56.7	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121500	0.01858	56.83	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121500	0.01857	56.85	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121500	0.01857	56.86	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121500	0.01855	56.96	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121500	0.01852	57.08	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121500	0.01851	57.09	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121500	0.01852	57.18	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121500	0.0186	57.13	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121500	0.01878	57.23	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121500	0.01913	57.21	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121500	0.01975	56.92	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121500	0.02064	56.99	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121500	0.02186	57.64	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121500	0.02352	57.83	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121500	0.02563	57.47	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121500	0.02809	57.27	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121500	0.03074	57.55	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121500	0.03347	57.84	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121500	0.03614	57.68	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121500	0.03848	57.78	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121500	0.04037	57.77	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121500	0.04173	57.79	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121500	0.04256	57.91	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121500	0.043	58.01	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121500	0.0433	58.03	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121500	0.04377	58.18	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121500	0.04477	58.21	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4121500	0.04657	58.29	313.5	1.5	ANNUAL	SRCGP4	5

606372.2	4121500	0.04928	58.44	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121500	0.05288	58.43	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121500	0.06162	57.81	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121500	0.06584	57.65	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121500	0.06952	57.7	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121500	0.07266	58.02	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121500	0.07565	58.22	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121500	0.07888	58.47	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121500	0.08291	58.54	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121500	0.08802	58.58	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121500	0.09429	58.59	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121500	0.10151	58.65	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121500	0.10936	58.67	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121500	0.1174	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121500	0.12528	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121500	0.13265	58.8	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121500	0.13957	58.84	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121500	0.14603	58.91	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121500	0.15213	59.01	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121500	0.15801	59.09	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121500	0.16381	59.04	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121500	0.20565	59.84	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121500	0.21074	59.76	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121500	0.21639	59.62	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121500	0.22277	59.17	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121520	0.02011	55.62	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121520	0.02009	55.67	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121520	0.02004	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121520	0.01996	56.37	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121520	0.01988	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121520	0.0198	55.47	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121520	0.01973	56.33	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121520	0.01966	56.64	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121520	0.01962	56.78	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121520	0.01959	56.82	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121520	0.01959	56.78	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121520	0.01958	56.81	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121520	0.01958	56.81	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121520	0.01955	56.98	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121520	0.01954	56.97	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121520	0.01955	57.01	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121520	0.01958	57.12	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121520	0.01971	57.2	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121520	0.01998	57.22	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121520	0.0205	56.77	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121520	0.02126	56.91	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121520	0.02235	57.54	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121520	0.0239	57.84	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121520	0.02595	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121520	0.02842	57.29	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121520	0.03122	57.16	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121520	0.03418	57.17	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121520	0.03712	57.15	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121520	0.03978	57.3	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121520	0.04204	57.26	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121520	0.04372	57.38	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121520	0.04484	57.35	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121520	0.04541	57.9	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121520	0.04584	57.98	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121520	0.04643	57.89	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121520	0.04751	57.91	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4121520	0.04944	57.92	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121520	0.05237	57.95	313.5	1.5	ANNUAL	SRCGP4	5

606432.2	4121520	0.06543	58.1	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121520	0.06991	58.17	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121520	0.074	58.06	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121520	0.07772	57.85	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121520	0.08127	57.81	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121520	0.0851	57.98	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121520	0.08974	58.24	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121520	0.09559	58.44	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121520	0.1027	58.54	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121520	0.11079	58.63	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121520	0.11938	58.78	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121520	0.12818	58.76	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121520	0.13655	58.92	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121520	0.14451	58.98	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121520	0.15198	59.01	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121520	0.15895	59.1	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121520	0.16562	59.16	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121520	0.1721	59.16	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121520	0.17833	59.15	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121520	0.19426	59.44	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121520	0.19872	59.43	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121520	0.20319	59.12	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121520	0.20698	59.23	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121520	0.21091	59.3	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121520	0.22465	59.98	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121520	0.23056	59.99	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121520	0.23694	59.92	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121520	0.24429	59.26	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121540	0.02113	55.39	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121540	0.02118	56.05	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121540	0.02118	56.25	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121540	0.02114	56.34	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121540	0.02108	56.37	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121540	0.021	55.37	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121540	0.02092	56.42	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121540	0.02084	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121540	0.02079	56.43	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121540	0.02073	56.71	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121540	0.02072	56.62	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121540	0.02073	56.35	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121540	0.0207	56.66	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121540	0.02068	56.85	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121540	0.02068	56.84	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121540	0.0207	56.58	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121540	0.02071	56.81	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121540	0.02078	57	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121540	0.02097	57.14	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121540	0.0214	56.64	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121540	0.02203	56.86	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121540	0.02299	57.44	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121540	0.0244	57.82	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121540	0.02637	57.45	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121540	0.02882	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121540	0.03165	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121540	0.03479	57.36	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121540	0.03799	57.36	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121540	0.04101	57.45	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121540	0.04364	57.54	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121540	0.04572	57.46	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121540	0.04715	57.58	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121540	0.048	57.88	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121540	0.0486	57.92	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121540	0.04925	58.05	313.5	1.5	ANNUAL	SRCGP4	5

606332.2	4121540	0.05044	58.01	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4121540	0.05249	58.04	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121540	0.07903	58.32	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121540	0.08311	58.3	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121540	0.08718	58.26	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121540	0.09178	58.2	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121540	0.09748	58.04	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121540	0.10442	58.01	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121540	0.11255	58.12	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121540	0.12162	58.24	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121540	0.13113	58.39	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121540	0.14066	58.48	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121540	0.14977	58.61	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121540	0.15837	58.69	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121540	0.16645	58.75	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121540	0.17404	58.85	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121540	0.18136	58.89	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121540	0.18839	58.91	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121540	0.19495	59.01	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121540	0.21146	59.44	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121540	0.21638	59.28	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121540	0.22096	59.2	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121540	0.22536	59.28	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121540	0.2466	60.12	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121540	0.25354	60.04	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121540	0.26077	59.88	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121540	0.26852	59.32	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121560	0.02212	55.31	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121560	0.02227	55.47	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121560	0.02235	55.85	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121560	0.02238	55.96	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121560	0.02236	56.05	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121560	0.02231	55.3	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121560	0.02224	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121560	0.02216	56.27	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121560	0.02209	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121560	0.02202	56.51	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121560	0.02198	56.46	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121560	0.02197	56.05	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121560	0.02194	56.53	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121560	0.02193	56.71	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121560	0.02193	56.66	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121560	0.02196	56.08	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121560	0.02196	56.53	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121560	0.02199	56.94	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121560	0.02212	57.09	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121560	0.02247	56.53	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121560	0.02298	56.8	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121560	0.0238	57.31	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121560	0.02504	57.84	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121560	0.02691	57.36	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121560	0.02929	57.19	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121560	0.03214	57.47	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121560	0.03541	57.45	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121560	0.03886	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121560	0.04226	57.44	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121560	0.0453	57.55	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121560	0.0478	57.56	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121560	0.04965	57.43	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121560	0.05084	57.55	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121560	0.05164	57.71	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121560	0.05242	57.88	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121560	0.05377	57.72	313.5	1.5	ANNUAL	SRCGP4	5

606412.2	4121560	0.06903	57.97	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121560	0.08942	58.25	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121560	0.09393	58.57	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121560	0.09928	58.57	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121560	0.10585	58.54	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121560	0.11387	58.5	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121560	0.12324	58.44	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121560	0.13356	58.38	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121560	0.14421	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121560	0.15472	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121560	0.16472	58.41	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121560	0.17412	58.45	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121560	0.18296	58.49	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121560	0.1913	58.57	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121560	0.19927	58.63	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121560	0.20684	58.68	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121560	0.23619	59.31	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121560	0.24122	59.35	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121560	0.24642	59.45	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121560	0.27211	60.12	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121560	0.28064	59.57	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121560	0.28846	59.38	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121560	0.29568	59.31	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121580	0.02305	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121580	0.02331	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121580	0.0235	55.58	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121580	0.02363	55.57	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121580	0.02369	55.5	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121580	0.0237	55.45	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121580	0.02366	55.54	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121580	0.0236	55.62	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121580	0.02353	55.68	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121580	0.02346	55.8	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121580	0.0234	55.9	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121580	0.02336	55.91	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121580	0.02333	55.89	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121580	0.02333	55.82	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121580	0.02333	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121580	0.02334	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121580	0.02335	56.04	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121580	0.0234	56.16	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121580	0.02351	56.29	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121580	0.02374	56.29	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121580	0.02412	56.77	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121580	0.02479	57.28	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121580	0.02589	57.7	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121580	0.02761	57.23	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121580	0.02989	57.13	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121580	0.03271	57.37	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121580	0.03607	57.44	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121580	0.03976	57.47	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121580	0.04355	57.23	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121580	0.047	57.51	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121580	0.04997	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121580	0.05228	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121580	0.05383	57.57	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121580	0.0549	57.71	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121580	0.05587	57.89	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121580	0.05738	57.73	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121580	0.0682	57.88	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121580	0.102	58.27	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121580	0.10813	58.53	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121580	0.11571	58.67	313.5	1.5	ANNUAL	SRCGP4	5

606572.2	4121580	0.12489	58.74	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121580	0.13549	58.75	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121580	0.14698	58.75	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121580	0.15867	58.81	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121580	0.1701	58.86	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121580	0.18094	58.93	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121580	0.19106	59.06	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121580	0.20093	58.93	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121580	0.21004	59	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121580	0.2187	59.05	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121580	0.22687	59.07	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121580	0.24697	59.51	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121580	0.25277	59.57	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121580	0.25856	59.57	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121580	0.26445	59.63	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121580	0.27096	59.62	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121580	0.30129	60.13	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121580	0.31003	59.82	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121580	0.31803	59.67	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121580	0.32557	59.39	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121600	0.0239	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121600	0.02429	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121600	0.02461	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121600	0.02485	56.1	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121600	0.02502	56.19	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121600	0.02512	56.26	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121600	0.02516	56.33	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121600	0.02515	56.39	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121600	0.0251	56.43	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121600	0.02503	56.51	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121600	0.02496	56.53	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121600	0.0249	56.53	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121600	0.02486	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121600	0.02484	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121600	0.02483	56.58	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121600	0.02483	56.55	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121600	0.02485	56.57	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121600	0.02488	56.64	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121600	0.02495	56.73	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121600	0.02511	56.86	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121600	0.02543	57	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121600	0.02601	57.21	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121600	0.02694	57.62	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121600	0.0285	57.16	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121600	0.03064	57.07	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121600	0.03339	57.31	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121600	0.03681	57.34	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121600	0.04071	57.31	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121600	0.04479	57.34	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121600	0.04877	57.26	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121600	0.05224	57.41	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121600	0.05502	57.49	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121600	0.05702	57.68	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121600	0.05844	57.77	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121600	0.05971	57.76	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4121600	0.06138	57.72	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121600	0.13802	58.54	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121600	0.15	58.66	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121600	0.16266	58.87	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121600	0.17558	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121600	0.1881	59.03	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121600	0.19993	59.14	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121600	0.21114	59.18	313.5	1.5	ANNUAL	SRCGP4	5

606712.2	4121600	0.22171	59.22	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121600	0.23161	59.32	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121600	0.2409	59.41	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121600	0.24963	59.43	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121600	0.28492	59.63	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121600	0.29223	59.59	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121600	0.30033	59.48	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121600	0.30892	59.44	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121600	0.33442	60.16	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121600	0.34301	60.07	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121600	0.35075	59.99	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121600	0.35855	59.41	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121620	0.02466	53.92	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121620	0.02517	53.91	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121620	0.02562	54.22	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121620	0.02601	54.4	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121620	0.02632	54.57	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121620	0.02655	54.82	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121620	0.02671	55.04	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121620	0.02678	55.14	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121620	0.0268	55.3	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121620	0.02678	55.41	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121620	0.02673	55.5	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121620	0.02667	55.63	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121620	0.02662	55.79	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121620	0.02658	55.97	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121620	0.02656	56.08	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121620	0.02656	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121620	0.02658	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121620	0.02661	56.34	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121620	0.02666	56.56	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121620	0.02678	56.66	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121620	0.02703	56.77	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121620	0.02749	56.98	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121620	0.02828	57.27	313.5	1.5	ANNUAL	SRCGP4	5
606092.2	4121620	0.02963	57.06	313.5	1.5	ANNUAL	SRCGP4	5
606112.2	4121620	0.0316	56.99	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121620	0.03427	57.02	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121620	0.03769	57.04	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121620	0.04173	57	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121620	0.04613	57.08	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121620	0.05056	57.1	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121620	0.05453	57.52	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121620	0.0579	57.59	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121620	0.0605	57.52	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121620	0.06236	57.57	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121620	0.06396	57.57	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121620	0.07837	58.45	313.5	1.5	ANNUAL	SRCGP4	5
606412.2	4121620	0.0851	58.63	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121620	0.09248	58.54	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121620	0.11404	58.13	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121620	0.12163	58.08	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121620	0.31603	59.61	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121620	0.32485	59.59	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121620	0.3345	59.49	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121620	0.34448	59.46	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121620	0.3727	59.81	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121620	0.38092	59.81	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121620	0.38827	59.67	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121620	0.39461	59.39	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121640	0.02537	55.44	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121640	0.02599	55.43	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121640	0.02657	55.4	313.5	1.5	ANNUAL	SRCGP4	5

605692.2	4121640	0.0271	55.37	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121640	0.02756	55.36	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121640	0.02795	55.34	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121640	0.02824	55.36	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121640	0.02845	55.33	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121640	0.02858	55.23	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121640	0.02864	55.16	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121640	0.02864	55	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121640	0.02861	54.94	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121640	0.02856	54.81	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121640	0.02852	54.74	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121640	0.02849	54.71	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121640	0.02848	54.67	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121640	0.02849	54.17	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121640	0.02852	53.9	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121640	0.02859	54.41	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121640	0.02871	54.59	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121640	0.02892	54.6	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121640	0.02932	54.56	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121640	0.03002	54.45	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121640	0.04738	57.43	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121640	0.05219	57.75	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121640	0.05672	58.28	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121640	0.06076	58.28	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121640	0.06408	57.87	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121640	0.06653	57.71	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121640	0.06844	57.94	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121640	0.12452	58.39	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121640	0.13333	58.5	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121640	0.14384	58.45	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121640	0.15622	58.52	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121640	0.17066	58.48	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121640	0.18639	58.5	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121640	0.20284	58.43	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121640	0.21894	58.48	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121640	0.37438	59.56	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121640	0.38541	59.6	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121640	0.41434	59.93	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121640	0.42169	59.99	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121640	0.4286	59.63	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121640	0.43377	59.29	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121660	0.02603	55.82	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121660	0.02673	55.88	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121660	0.02742	55.98	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121660	0.02809	56.04	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121660	0.02871	56.08	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121660	0.02926	56.16	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121660	0.02973	56.3	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121660	0.03011	56.31	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121660	0.03038	56.41	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121660	0.03056	56.49	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121660	0.03067	56.53	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121660	0.0307	56.62	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121660	0.03071	56.48	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121660	0.03068	56.48	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121660	0.03065	56.43	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121660	0.03063	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121660	0.03061	56.62	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121660	0.03063	56.69	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121660	0.03068	56.7	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121660	0.03076	56.82	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121660	0.03092	56.93	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121660	0.03123	57	313.5	1.5	ANNUAL	SRCGP4	5

606072.2	4121660	0.03177	57.11	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121660	0.03653	57.5	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121660	0.03974	57.54	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121660	0.04389	57.43	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121660	0.04876	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121660	0.05402	57.77	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121660	0.05919	58.2	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121660	0.06392	58.32	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121660	0.06786	58.3	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121660	0.07093	58.19	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121660	0.0734	58.25	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121660	0.08499	57.91	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121660	0.11871	57.82	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121660	0.13707	58.24	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121660	0.14755	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121660	0.15977	58.56	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121660	0.17428	58.67	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121660	0.19082	58.76	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121660	0.20873	58.81	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121660	0.22717	58.79	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121660	0.24518	58.82	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121660	0.26216	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121660	0.27824	59.01	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121660	0.29317	59.12	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121660	0.30718	59.16	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121660	0.31995	59.27	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121660	0.33193	59.27	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121660	0.34363	59.04	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121660	0.46061	59.98	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121660	0.46673	60	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121660	0.47209	59.61	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121660	0.47527	59.27	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121680	0.0328	56.38	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121680	0.03295	56.63	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121680	0.03305	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121680	0.03311	56.13	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121680	0.03311	56.06	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121680	0.0331	56.13	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121680	0.03311	56.27	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121680	0.03311	56.39	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121680	0.03315	56.44	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121680	0.03322	56.56	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121680	0.03336	56.65	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121680	0.03361	56.75	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121680	0.03406	56.9	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121680	0.06191	57.61	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121680	0.06743	57.79	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121680	0.0723	57.57	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121680	0.07621	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121680	0.0922	58	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121680	0.09997	57.92	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121680	0.11916	58.24	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121680	0.21548	58.51	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121680	0.2361	58.53	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121680	0.25687	58.6	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121680	0.27698	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121680	0.29606	58.79	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121680	0.31382	58.91	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121680	0.3304	58.99	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121680	0.34547	59.15	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121680	0.35953	59.22	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121680	0.37269	59.22	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121680	0.38597	58.93	313.5	1.5	ANNUAL	SRCGP4	5

606992.2	4121680	0.51137	59.99	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121680	0.51527	60.02	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121680	0.51807	59.66	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121680	0.51836	59.33	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121700	0.02746	56.02	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121700	0.02823	56.16	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121700	0.02904	56.13	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121700	0.02989	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121700	0.03075	56.18	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121700	0.0316	56.34	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121700	0.03243	56.27	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121700	0.03319	56.35	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121700	0.03389	56.31	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121700	0.03495	56.3	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121700	0.03528	56.64	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121700	0.03554	56.58	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121700	0.03573	56.1	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121700	0.03582	55.98	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121700	0.03586	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121700	0.03588	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121700	0.03591	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121700	0.03596	56.3	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121700	0.03604	56.33	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121700	0.03616	56.43	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121700	0.03639	56.47	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121700	0.03677	56.55	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121700	0.04316	57.05	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121700	0.04711	57.03	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121700	0.05214	57.26	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121700	0.0581	57.51	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121700	0.06459	57.64	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121700	0.07095	57.79	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121700	0.07676	57.66	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121700	0.08162	57.48	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121700	0.1004	58.1	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121700	0.10904	58.07	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121700	0.13068	58.3	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121700	0.1554	58.11	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121700	0.16878	58.18	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121700	0.18407	58.17	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121700	0.20223	57.97	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121700	0.37479	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121700	0.39161	58.8	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121700	0.4073	58.83	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121700	0.42176	58.92	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121700	0.43635	58.82	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121700	0.56581	60.06	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121700	0.56624	60.15	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121700	0.56527	59.85	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121700	0.56217	59.36	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121720	0.02841	56.06	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121720	0.02914	56.11	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121720	0.02995	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121720	0.03082	56.37	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121720	0.03173	56.42	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121720	0.03269	56.44	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121720	0.03364	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121720	0.03458	56.56	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121720	0.0355	56.32	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121720	0.03706	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121720	0.03763	56.58	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121720	0.03811	56.54	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121720	0.0385	56.11	313.5	1.5	ANNUAL	SRCGP4	5

605912.2	4121720	0.03875	56.25	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121720	0.03885	56.64	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121720	0.03894	56.7	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121720	0.03899	56.8	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121720	0.03904	56.89	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121720	0.03912	56.89	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121720	0.03924	56.93	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121720	0.03941	57.1	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121720	0.03974	57.13	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121720	0.04299	56.84	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121720	0.0455	56.98	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121720	0.04924	56.97	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121720	0.05423	57.19	313.5	1.5	ANNUAL	SRCGP4	5
606212.2	4121720	0.06042	57.44	313.5	1.5	ANNUAL	SRCGP4	5
606232.2	4121720	0.06745	57.64	313.5	1.5	ANNUAL	SRCGP4	5
606252.2	4121720	0.0747	57.74	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4121720	0.08151	57.76	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121720	0.08751	57.52	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121720	0.10982	58.17	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121720	0.1197	57.99	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121720	0.14399	58.42	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121720	0.17291	58.2	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121720	0.18884	58.35	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121720	0.20698	58.5	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121720	0.22908	58.11	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121720	0.25297	58.3	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121720	0.27866	58.63	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121720	0.30628	58.56	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121720	0.33442	58.23	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121720	0.36034	58.28	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121720	0.3842	58.44	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121720	0.40651	58.51	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121720	0.42755	58.43	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121720	0.44627	58.53	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121720	0.46356	58.65	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121720	0.48022	58.72	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121720	0.49709	58.69	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121720	0.6231	60.13	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121720	0.61966	60.03	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121720	0.61406	59.65	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121720	0.60461	59.45	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121740	0.02963	55.82	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121740	0.0303	55.8	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121740	0.03106	56.02	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121740	0.03191	56.29	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121740	0.03284	56.37	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121740	0.03384	56.18	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121740	0.03489	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121740	0.03595	56.48	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121740	0.03705	56.28	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121740	0.03907	56.19	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121740	0.03992	56.57	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121740	0.0407	56.47	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121740	0.04135	56.07	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121740	0.04183	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121740	0.04214	56.62	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121740	0.04237	56.72	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121740	0.0425	56.96	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121740	0.04263	56.96	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121740	0.04276	56.9	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121740	0.04288	56.98	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121740	0.04308	56.99	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121740	0.04336	57.09	313.5	1.5	ANNUAL	SRCGP4	5

606392.2	4121740	0.13204	57.93	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121740	0.15957	58.53	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121740	0.19371	58.31	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121740	0.21281	58.55	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121740	0.23505	58.58	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121740	0.26173	58.15	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121740	0.29005	58.38	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121740	0.31991	58.81	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121740	0.35168	58.81	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121740	0.38438	58.35	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121740	0.41334	58.52	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121740	0.43941	58.87	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121740	0.46329	59.18	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121740	0.48847	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121740	0.50914	58.88	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121740	0.52767	59.26	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121740	0.54677	59.4	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121740	0.56946	58.84	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121740	0.5884	59.09	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121740	0.60698	59.44	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121740	0.62662	59.51	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121740	0.64438	59.7	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121740	0.66114	59.67	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121740	0.67428	59.76	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121740	0.68398	59.82	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121740	0.68979	59.86	313.5	1.5	ANNUAL	SRCGP4	5
606952.2	4121740	0.69155	59.88	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121740	0.68383	59.68	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121740	0.67372	59.66	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121740	0.65971	59.72	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121740	0.64297	59.67	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121760	0.03121	55.76	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121760	0.03249	55.75	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121760	0.03328	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121760	0.03417	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121760	0.03623	56.08	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121760	0.03736	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121760	0.03858	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121760	0.04102	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121760	0.04213	56.59	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121760	0.04324	56.33	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121760	0.04419	55.9	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121760	0.045	55.93	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121760	0.04565	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121760	0.04616	56.29	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121760	0.04645	56.74	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121760	0.04671	56.81	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121760	0.04693	56.76	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121760	0.04712	56.78	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121760	0.04735	56.78	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121760	0.04764	56.83	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121760	0.13363	57.94	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121760	0.17814	58.53	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121760	0.21879	58.37	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121760	0.2419	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121760	0.26936	58.59	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121760	0.30164	58.16	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121760	0.33547	58.4	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121760	0.37056	58.87	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121760	0.40745	58.9	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121760	0.44506	58.46	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121760	0.47808	58.61	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121760	0.50745	58.96	313.5	1.5	ANNUAL	SRCGP4	5

606672.2	4121760	0.53445	59.24	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121760	0.56273	58.84	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121760	0.58656	59	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121760	0.60812	59.4	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121760	0.63135	59.45	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121760	0.65833	58.89	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121760	0.67982	59.24	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121760	0.70072	59.57	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121760	0.72212	59.54	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121760	0.74025	59.59	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121760	0.75511	59.56	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121760	0.76535	59.55	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121760	0.77117	59.45	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121760	0.7714	59.43	313.5	1.5	ANNUAL	SRCGP4	5
606952.2	4121760	0.76633	59.45	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121760	0.74029	59.84	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121760	0.72047	60.17	313.5	1.5	ANNUAL	SRCGP4	5
607032.2	4121760	0.69844	60.22	313.5	1.5	ANNUAL	SRCGP4	5
607052.2	4121760	0.67415	60.08	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121780	0.03326	55.73	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121780	0.03436	55.83	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121780	0.03505	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121780	0.03586	56.22	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121780	0.03783	56.07	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121780	0.03897	56.42	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121780	0.04024	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121780	0.04295	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121780	0.04431	56.44	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121780	0.0457	56.27	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121780	0.04699	55.8	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121780	0.04817	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121780	0.04919	56.1	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121780	0.05005	56.16	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121780	0.05114	56.96	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121780	0.05225	56.75	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121780	0.05255	56.91	313.5	1.5	ANNUAL	SRCGP4	5
606132.2	4121780	0.05453	57.48	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121780	0.05631	57.4	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121780	0.0592	57.29	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121780	0.06355	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121780	0.10829	58.1	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121780	0.11778	58.02	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121780	0.14815	58.13	313.5	1.5	ANNUAL	SRCGP4	5
606392.2	4121780	0.16301	58.08	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121780	0.20007	58.64	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121780	0.24913	58.48	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121780	0.27781	58.72	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121780	0.31143	58.64	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121780	0.35045	58.28	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121780	0.39116	58.51	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121780	0.43294	58.93	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121780	0.47646	58.88	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121780	0.51963	58.52	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121780	0.55724	58.69	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121780	0.59069	59.02	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121780	0.62157	59.28	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121780	0.65462	58.84	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121780	0.68209	59.07	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121780	0.70814	59.4	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121780	0.73527	59.52	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121780	0.76695	58.94	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121780	0.79332	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121780	0.81699	59.01	313.5	1.5	ANNUAL	SRCGP4	5

606832.2	4121780	0.83709	59.06	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121780	0.85222	59.13	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121780	0.86119	59.27	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121780	0.86412	59.4	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121780	0.8603	59.61	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121780	0.85052	59.81	313.5	1.5	ANNUAL	SRCGP4	5
606952.2	4121780	0.83512	60	313.5	1.5	ANNUAL	SRCGP4	5
606992.2	4121780	0.79082	60.11	313.5	1.5	ANNUAL	SRCGP4	5
607012.2	4121780	0.76269	60.11	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121800	0.03584	55.57	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121800	0.03677	55.68	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121800	0.03736	56.06	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121800	0.03807	55.93	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121800	0.03986	56.02	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121800	0.04095	56.25	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121800	0.04218	56.05	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121800	0.04501	56.14	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121800	0.04653	56.47	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121800	0.04816	56.29	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121800	0.04975	55.74	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121800	0.0513	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121800	0.05268	56.58	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121800	0.05394	56.73	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121800	0.05591	57.08	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121800	0.05783	56.84	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121800	0.05818	57.22	313.5	1.5	ANNUAL	SRCGP4	5
606152.2	4121800	0.06167	57.69	313.5	1.5	ANNUAL	SRCGP4	5
606172.2	4121800	0.06428	57.51	313.5	1.5	ANNUAL	SRCGP4	5
606192.2	4121800	0.0683	57.58	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4121800	0.11673	58.16	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4121800	0.1281	58.27	313.5	1.5	ANNUAL	SRCGP4	5
606372.2	4121800	0.16541	58.12	313.5	1.5	ANNUAL	SRCGP4	5
606432.2	4121800	0.22662	58.67	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121800	0.28672	58.48	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121800	0.32243	58.7	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121800	0.36365	58.72	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121800	0.40984	58.73	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121800	0.45951	58.84	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121800	0.51056	59	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121800	0.5617	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121800	0.60967	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121800	0.65338	59.03	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121800	0.69282	59.2	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121800	0.72953	59.33	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121800	0.76503	59.34	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121800	0.7988	59.41	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121800	0.83123	59.54	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121800	0.86347	59.57	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121800	0.89896	59	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121800	0.92309	59.39	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121800	0.94484	59.5	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121800	0.96025	59.63	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121800	0.96892	59.71	313.5	1.5	ANNUAL	SRCGP4	5
606872.2	4121800	0.96946	59.85	313.5	1.5	ANNUAL	SRCGP4	5
606892.2	4121800	0.96246	59.97	313.5	1.5	ANNUAL	SRCGP4	5
606912.2	4121800	0.948	60.1	313.5	1.5	ANNUAL	SRCGP4	5
606932.2	4121800	0.92803	60.03	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121860	0.04723	55.39	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121860	0.04763	54.86	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121860	0.04807	55.28	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121860	0.04854	55.7	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121860	0.04907	55.67	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121860	0.04966	55.24	313.5	1.5	ANNUAL	SRCGP4	5

605752.2	4121860	0.05033	55.53	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121860	0.05112	55.85	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121860	0.05204	56.02	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121860	0.05313	55.58	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121860	0.0544	55.82	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121860	0.05588	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121860	0.05758	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121860	0.05952	55.73	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121860	0.06167	56.03	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121860	0.064	56.36	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121860	0.06645	56.55	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121860	0.06899	56.72	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121860	0.07155	56.84	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121860	0.07402	57.02	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121860	0.07634	57.18	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121860	0.07849	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121860	0.08046	57.16	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121860	1.06547	58.8	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121860	1.13246	59.3	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121860	1.19553	59.65	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121860	1.25887	59.6	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121860	1.31636	59.59	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121860	1.36557	59.68	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121860	1.40799	59.59	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121860	1.43745	59.56	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121860	1.45698	59.2	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121860	1.45258	59.44	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121860	1.43401	59.57	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121860	1.40106	59.67	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121860	1.35484	59.79	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121880	0.05223	55.56	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121880	0.05276	54.97	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121880	0.0533	55.5	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121880	0.05386	55.91	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121880	0.05444	55.81	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121880	0.05507	55.32	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121880	0.05575	55.72	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121880	0.05652	56.18	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121880	0.05739	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121880	0.05839	55.63	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121880	0.05956	55.9	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121880	0.06089	56.41	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121880	0.06246	56.49	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121880	0.06436	55.84	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121880	0.06648	56.09	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121880	0.06888	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121880	0.07147	56.53	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121880	0.07431	56.7	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121880	0.07729	56.92	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121880	0.08037	57.09	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121880	0.08343	57.3	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121880	0.08642	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121880	0.08922	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121880	0.48339	58.72	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121880	0.56643	58.93	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121880	0.66287	58.94	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121880	0.76962	58.94	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121880	0.88352	58.99	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121880	1.00039	58.98	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121880	1.11879	58.58	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121880	1.22504	58.55	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121880	1.31681	58.89	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121880	1.39628	59.44	313.5	1.5	ANNUAL	SRCGP4	5

606652.2	4121880	1.46971	59.84	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121880	1.54458	59.63	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121880	1.60439	59.68	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121880	1.64997	59.76	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121880	1.68046	59.73	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121880	1.69155	59.69	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121880	1.68677	59.33	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121880	1.65219	59.59	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121880	1.60095	59.76	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121880	1.5346	59.92	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121880	1.45676	60.04	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121900	0.05773	55.74	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121900	0.05846	54.98	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121900	0.05919	55.45	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121900	0.05993	55.88	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121900	0.06068	55.94	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121900	0.06144	55.35	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121900	0.06224	55.74	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121900	0.06309	56.28	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121900	0.064	56.2	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121900	0.06502	55.66	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121900	0.06615	56.01	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121900	0.0674	56.52	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121900	0.06888	56.6	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121900	0.07071	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121900	0.07274	55.86	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121900	0.07509	55.96	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121900	0.07778	56.1	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121900	0.0808	56.34	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121900	0.08411	56.46	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121900	0.08769	56.6	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121900	0.09146	56.73	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121900	0.09519	57.12	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121900	0.09885	57.56	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121900	0.59017	58.71	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121900	0.70099	58.9	313.5	1.5	ANNUAL	SRCGP4	5
606492.2	4121900	0.82857	58.94	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121900	0.96858	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121900	1.1165	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606552.2	4121900	1.26429	58.98	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121900	1.41134	58.66	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121900	1.54211	58.66	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121900	1.65421	58.96	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121900	1.74788	59.49	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121900	1.83083	59.84	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121900	1.91037	59.56	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121900	1.95836	59.8	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121900	1.9864	59.84	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121900	1.98921	59.8	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121900	1.96522	59.72	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121900	1.91624	59.58	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121900	1.84136	59.64	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121900	1.74885	59.69	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121900	1.64358	59.73	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121900	1.52999	59.79	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121920	0.06359	55.77	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121920	0.0646	55.08	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121920	0.06562	55.52	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121920	0.06663	55.96	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121920	0.06765	56.03	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121920	0.06868	55.4	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121920	0.06972	55.84	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121920	0.07079	56.25	313.5	1.5	ANNUAL	SRCGP4	5

605792.2	4121920	0.0719	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121920	0.07307	55.71	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121920	0.07432	56.11	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121920	0.07562	56.61	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121920	0.07715	56.54	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121920	0.07895	55.89	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121920	0.08094	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121920	0.08313	56.6	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121920	0.08571	56.78	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121920	0.08869	56.94	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121920	0.09212	57.03	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121920	0.09593	57.22	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121920	0.10015	57.35	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121920	0.10468	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121920	0.10947	57.65	313.5	1.5	ANNUAL	SRCGP4	5
606452.2	4121920	0.73518	58.81	313.5	1.5	ANNUAL	SRCGP4	5
606472.2	4121920	0.88729	58.89	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121920	1.44069	58.98	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121920	1.80973	59.02	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121920	1.97266	58.95	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121920	2.11018	59.06	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121920	2.2131	59.57	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121920	2.29369	59.92	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121920	2.35783	59.72	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121920	2.36915	60.21	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121920	2.35227	60.37	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121920	2.30368	60.34	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121920	2.22198	60.33	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121920	2.11495	60.24	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121920	1.98655	60.23	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121920	1.84484	60.26	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121920	1.69661	60.32	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121920	1.54978	60.2	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121940	0.06958	55.83	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121940	0.07096	55.73	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121940	0.07236	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121940	0.07376	56.07	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121940	0.07516	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121940	0.07658	56.07	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121940	0.07802	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121940	0.07946	56.32	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121940	0.08094	56.19	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121940	0.08246	55.69	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121940	0.08402	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121940	0.08559	56.6	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121940	0.08734	56.63	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121940	0.08934	55.91	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121940	0.09141	56.41	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121940	0.09365	56.79	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121940	0.09625	57.02	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121940	0.09929	57.1	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121940	0.10279	57.15	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121940	0.10671	57.41	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121940	0.11124	57.53	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121940	0.11636	57.57	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121940	0.122	57.6	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121940	1.90427	59.13	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121940	2.37357	59.3	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121940	2.57425	59.07	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121940	2.72469	59.18	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121940	2.8178	59.68	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121940	2.87218	59.92	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121940	2.88905	59.72	313.5	1.5	ANNUAL	SRCGP4	5

606692.2	4121940	2.83122	60.26	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121940	2.73488	60.53	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121940	2.6083	60.42	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121940	2.44774	60.44	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121940	2.26587	60.53	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121940	2.07465	60.59	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121940	1.87978	60.79	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121940	1.69237	60.82	313.5	1.5	ANNUAL	SRCGP4	5
606852.2	4121940	1.51883	60.44	313.5	1.5	ANNUAL	SRCGP4	5
605632.2	4121960	0.07548	55.85	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121960	0.07729	55.89	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121960	0.07914	56.01	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121960	0.08101	56.04	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121960	0.08292	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121960	0.08486	56.23	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121960	0.08683	56.25	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121960	0.08881	56.37	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121960	0.09085	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121960	0.09292	55.81	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121960	0.095	56.44	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121960	0.09712	56.7	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121960	0.0994	56.59	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121960	0.10187	55.98	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121960	0.10435	56.44	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121960	0.10702	56.62	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4121960	0.10991	56.88	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121960	0.11327	56.82	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121960	0.11699	56.93	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121960	0.12121	57.06	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121960	0.12599	57.27	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121960	0.13158	57.27	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121960	0.13787	57.32	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121960	3.18659	59.37	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121960	3.41082	59.04	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121960	3.53497	59.3	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121960	3.57323	59.78	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121960	3.55228	59.85	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121960	3.4666	59.68	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121960	3.29126	60.27	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121960	3.08181	60.5	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121960	2.85998	59.99	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121960	2.60163	60.21	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121960	2.34348	60.29	313.5	1.5	ANNUAL	SRCGP4	5
606792.2	4121960	2.09331	60.3	313.5	1.5	ANNUAL	SRCGP4	5
606812.2	4121960	1.84763	60.95	313.5	1.5	ANNUAL	SRCGP4	5
606832.2	4121960	1.62915	61.06	313.49	1.5	ANNUAL	SRCGP4	5
606852.2	4121960	1.43699	60.64	313.49	1.5	ANNUAL	SRCGP4	5
605632.2	4121980	0.08103	55.56	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4121980	0.08332	55.59	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4121980	0.08567	55.6	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4121980	0.08809	55.62	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4121980	0.09058	55.76	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4121980	0.09313	55.91	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4121980	0.09575	56.03	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4121980	0.09844	56.13	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4121980	0.1012	56.02	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4121980	0.10403	56.01	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4121980	0.10687	56.54	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4121980	0.1098	56.74	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4121980	0.11298	56.39	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4121980	0.11621	56.1	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4121980	0.11955	56.29	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4121980	0.12306	56.33	313.5	1.5	ANNUAL	SRCGP4	5

605952.2	4121980	0.12683	56.28	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4121980	0.13087	56.31	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4121980	0.13523	56.46	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4121980	0.14012	56.53	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4121980	0.14566	56.51	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4121980	0.15191	56.55	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4121980	0.15894	56.68	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4121980	3.17607	59.33	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4121980	3.66265	59.19	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4121980	4.34149	59.39	313.5	1.5	ANNUAL	SRCGP4	5
606592.2	4121980	4.52287	59.17	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4121980	4.5511	59.39	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4121980	4.45139	59.8	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4121980	4.27073	59.8	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4121980	4.01547	59.63	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4121980	3.67617	60.23	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4121980	3.32954	60.31	313.5	1.5	ANNUAL	SRCGP4	5
606732.2	4121980	2.98831	59.92	313.5	1.5	ANNUAL	SRCGP4	5
606752.2	4121980	2.62895	60.62	313.5	1.5	ANNUAL	SRCGP4	5
606772.2	4121980	2.3056	60.75	313.49	1.5	ANNUAL	SRCGP4	5
606792.2	4121980	2.01746	60.42	313.49	1.5	ANNUAL	SRCGP4	5
606812.2	4121980	1.74513	61.02	312.87	1.5	ANNUAL	SRCGP4	5
606832.2	4121980	1.5107	61.24	61.24	1.5	ANNUAL	SRCGP4	5
606852.2	4121980	1.31301	60.87	60.87	1.5	ANNUAL	SRCGP4	5
605632.2	4122000	0.08606	55.03	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4122000	0.08883	55.11	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4122000	0.0917	55.17	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4122000	0.09469	55.28	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4122000	0.0978	55.34	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4122000	0.10103	55.33	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4122000	0.10439	55.43	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4122000	0.10787	55.47	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4122000	0.11148	55.61	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4122000	0.11523	56.01	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4122000	0.11905	56.55	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4122000	0.12302	56.76	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4122000	0.12736	56.29	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4122000	0.13174	56.27	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4122000	0.1361	56.8	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4122000	0.14081	56.92	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4122000	0.14602	56.5	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4122000	0.15137	56.47	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4122000	0.1568	56.97	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4122000	0.16287	57.12	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4122000	0.1699	56.72	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4122000	0.17741	56.73	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4122000	0.18534	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4122000	0.38722	58.13	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4122000	0.44195	58.23	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4122000	0.52285	58.26	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4122000	0.63805	58.24	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4122000	4.68408	59.49	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4122000	5.30125	59.37	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4122000	5.70857	59.48	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4122000	5.3394	59.92	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4122000	4.90238	59.92	313.5	1.5	ANNUAL	SRCGP4	5
606672.2	4122000	4.41969	59.77	313.5	1.5	ANNUAL	SRCGP4	5
606692.2	4122000	3.89805	60.24	313.5	1.5	ANNUAL	SRCGP4	5
606712.2	4122000	3.41069	60.26	313.49	1.5	ANNUAL	SRCGP4	5
606732.2	4122000	2.96778	59.84	313.49	1.5	ANNUAL	SRCGP4	5
606752.2	4122000	2.54095	60.49	313.48	1.5	ANNUAL	SRCGP4	5
606772.2	4122000	2.17189	60.84	60.84	1.5	ANNUAL	SRCGP4	5
606792.2	4122000	1.86313	60.49	60.49	1.5	ANNUAL	SRCGP4	5

606812.2	4122000	1.58443	61.1	61.1	1.5	ANNUAL	SRCGP4	5
606832.2	4122000	1.35429	61.23	61.23	1.5	ANNUAL	SRCGP4	5
606852.2	4122000	1.16529	60.87	60.87	1.5	ANNUAL	SRCGP4	5
605632.2	4122020	0.09052	55.56	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4122020	0.09374	55.7	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4122020	0.09711	55.68	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4122020	0.10065	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4122020	0.10437	55.92	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4122020	0.10828	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4122020	0.11239	55.86	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4122020	0.1167	55.89	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4122020	0.12123	56.08	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4122020	0.12599	56.26	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4122020	0.13092	56.52	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4122020	0.13608	56.81	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4122020	0.14167	56.61	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4122020	0.14748	56.61	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4122020	0.1535	56.85	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4122020	0.15991	56.95	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4122020	0.16681	56.8	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4122020	0.17407	56.79	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4122020	0.18162	57.07	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4122020	0.18977	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4122020	0.19892	56.99	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4122020	0.20874	56.95	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4122020	0.21922	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4122020	0.43742	58.35	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4122020	0.47912	59.31	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4122020	0.54587	59.32	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4122020	0.64765	59.3	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4122020	0.80304	59.14	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4122020	7.18937	59.43	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4122020	7.81107	59.46	313.5	1.5	ANNUAL	SRCGP4	5
606612.2	4122020	6.82144	59.61	313.5	1.5	ANNUAL	SRCGP4	5
606632.2	4122020	6.06166	59.97	313.5	1.5	ANNUAL	SRCGP4	5
606652.2	4122020	5.30703	59.95	313.49	1.5	ANNUAL	SRCGP4	5
606672.2	4122020	4.58234	59.85	313.49	1.5	ANNUAL	SRCGP4	5
606692.2	4122020	3.89507	60.25	313.48	1.5	ANNUAL	SRCGP4	5
606712.2	4122020	3.29956	60.24	60.24	1.5	ANNUAL	SRCGP4	5
606732.2	4122020	2.79362	59.77	59.77	1.5	ANNUAL	SRCGP4	5
606752.2	4122020	2.3358	60.42	60.42	1.5	ANNUAL	SRCGP4	5
606772.2	4122020	1.95683	60.85	60.85	1.5	ANNUAL	SRCGP4	5
606792.2	4122020	1.65403	60.48	60.48	1.5	ANNUAL	SRCGP4	5
606812.2	4122020	1.39048	61.07	61.07	1.5	ANNUAL	SRCGP4	5
606832.2	4122020	1.18084	61.04	61.04	1.5	ANNUAL	SRCGP4	5
606852.2	4122020	1.01176	60.63	60.63	1.5	ANNUAL	SRCGP4	5
605632.2	4122040	0.09448	55.8	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4122040	0.0981	55.84	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4122040	0.10193	55.92	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4122040	0.10598	56	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4122040	0.11027	56.09	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4122040	0.11482	56.09	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4122040	0.11964	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4122040	0.12476	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4122040	0.1302	56.3	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4122040	0.13591	56.49	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4122040	0.14201	56.6	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4122040	0.14849	56.73	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4122040	0.15544	56.74	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4122040	0.16281	56.83	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4122040	0.17066	56.95	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4122040	0.17904	57.07	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4122040	0.18809	57.05	313.5	1.5	ANNUAL	SRCGP4	5

605972.2	4122040	0.19772	57.14	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4122040	0.20806	57.23	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4122040	0.21927	57.25	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4122040	0.23145	57.24	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4122040	0.24469	57.27	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4122040	0.25916	57.36	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4122040	0.56346	58.46	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4122040	0.62386	59.32	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4122040	0.71384	59.36	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4122040	0.85054	59.37	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4122040	1.07449	59.25	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4122040	11.25278	59.41	313.5	1.5	ANNUAL	SRCGP4	5
606532.2	4122040	11.46213	59.52	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4122040	10.03363	59.64	313.49	1.5	ANNUAL	SRCGP4	5
606592.2	4122040	8.87495	59.39	313.49	1.5	ANNUAL	SRCGP4	5
606612.2	4122040	7.60192	59.7	313.48	1.5	ANNUAL	SRCGP4	5
606632.2	4122040	6.41026	59.94	313.48	1.5	ANNUAL	SRCGP4	5
606652.2	4122040	5.36194	59.87	312.87	1.5	ANNUAL	SRCGP4	5
606672.2	4122040	4.44875	59.82	59.82	1.5	ANNUAL	SRCGP4	5
606692.2	4122040	3.65603	60.25	60.25	1.5	ANNUAL	SRCGP4	5
606712.2	4122040	3.01284	60.23	60.23	1.5	ANNUAL	SRCGP4	5
606732.2	4122040	2.49655	59.7	59.7	1.5	ANNUAL	SRCGP4	5
606752.2	4122040	2.0507	60.35	60.35	1.5	ANNUAL	SRCGP4	5
606772.2	4122040	1.69622	60.76	60.76	1.5	ANNUAL	SRCGP4	5
606792.2	4122040	1.42297	60.31	60.31	1.5	ANNUAL	SRCGP4	5
606812.2	4122040	1.19066	60.87	60.87	1.5	ANNUAL	SRCGP4	5
606832.2	4122040	1.00994	60.81	60.81	1.5	ANNUAL	SRCGP4	5
606852.2	4122040	0.86602	60.43	60.43	1.5	ANNUAL	SRCGP4	5
605632.2	4122060	0.09815	55.67	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4122060	0.10212	55.84	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4122060	0.10634	55.99	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4122060	0.11084	55.85	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4122060	0.11565	55.86	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4122060	0.12078	55.96	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4122060	0.12626	56.03	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4122060	0.13212	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4122060	0.13841	56.17	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4122060	0.14514	56.29	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4122060	0.15233	56.42	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4122060	0.16009	56.51	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4122060	0.16843	56.61	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4122060	0.17747	56.64	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4122060	0.18708	56.94	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4122060	0.19758	57.06	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4122060	0.20909	56.99	313.5	1.5	ANNUAL	SRCGP4	5
605972.2	4122060	0.22129	57.33	313.5	1.5	ANNUAL	SRCGP4	5
605992.2	4122060	0.2348	57.38	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4122060	0.24959	57.39	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4122060	0.26568	57.52	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4122060	0.2837	57.38	313.5	1.5	ANNUAL	SRCGP4	5
606072.2	4122060	0.30344	57.42	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4122060	0.74817	58.86	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4122060	0.84834	59.32	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4122060	0.98709	59.41	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4122060	1.19692	59.3	313.5	1.5	ANNUAL	SRCGP4	5
606352.2	4122060	1.54904	59.31	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4122060	11.67287	59.95	59.95	1.5	ANNUAL	SRCGP4	5
606592.2	4122060	9.63242	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606612.2	4122060	7.78151	59.76	59.76	1.5	ANNUAL	SRCGP4	5
606632.2	4122060	6.26045	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606652.2	4122060	5.03039	59.82	59.82	1.5	ANNUAL	SRCGP4	5
606672.2	4122060	4.0388	59.76	59.76	1.5	ANNUAL	SRCGP4	5
606692.2	4122060	3.23363	60.13	60.13	1.5	ANNUAL	SRCGP4	5

606712.2	4122060	2.60991	60.16	60.16	1.5	ANNUAL	SRCGP4	5
606732.2	4122060	2.1307	59.71	59.71	1.5	ANNUAL	SRCGP4	5
606752.2	4122060	1.73378	60.34	60.34	1.5	ANNUAL	SRCGP4	5
606772.2	4122060	1.43042	60.53	60.53	1.5	ANNUAL	SRCGP4	5
606792.2	4122060	1.19915	60.11	60.11	1.5	ANNUAL	SRCGP4	5
606812.2	4122060	1.00474	60.76	60.76	1.5	ANNUAL	SRCGP4	5
606832.2	4122060	0.85646	60.69	60.69	1.5	ANNUAL	SRCGP4	5
606852.2	4122060	0.73914	60.34	60.34	1.5	ANNUAL	SRCGP4	5
607052.2	4122060	0.2497	60.26	60.26	1.5	ANNUAL	SRCGP4	5
605632.2	4122080	0.10179	55.28	313.5	1.5	ANNUAL	SRCGP4	5
605652.2	4122080	0.10607	55.67	313.5	1.5	ANNUAL	SRCGP4	5
605672.2	4122080	0.11065	55.87	313.5	1.5	ANNUAL	SRCGP4	5
605692.2	4122080	0.11555	55.44	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4122080	0.12081	55.65	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4122080	0.12646	55.76	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4122080	0.13253	55.69	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4122080	0.13907	55.78	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4122080	0.14613	55.93	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4122080	0.15376	55.93	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4122080	0.16202	55.94	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4122080	0.17099	56.12	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4122080	0.18075	56.24	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4122080	0.19139	56.21	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4122080	0.20295	56.4	313.5	1.5	ANNUAL	SRCGP4	5
605932.2	4122080	0.21559	56.54	313.5	1.5	ANNUAL	SRCGP4	5
605952.2	4122080	0.22958	56.52	313.5	1.5	ANNUAL	SRCGP4	5
606272.2	4122080	1.02408	58.81	313.5	1.5	ANNUAL	SRCGP4	5
606292.2	4122080	1.20217	59.28	313.5	1.5	ANNUAL	SRCGP4	5
606312.2	4122080	1.4568	59.33	313.5	1.5	ANNUAL	SRCGP4	5
606332.2	4122080	1.84656	59.3	313.49	1.5	ANNUAL	SRCGP4	5
606352.2	4122080	2.51531	59.48	313.49	1.5	ANNUAL	SRCGP4	5
606572.2	4122080	12.21727	59.94	59.94	1.5	ANNUAL	SRCGP4	5
606592.2	4122080	9.48875	59.46	59.46	1.5	ANNUAL	SRCGP4	5
606612.2	4122080	7.33096	59.42	59.42	1.5	ANNUAL	SRCGP4	5
606632.2	4122080	5.66475	59.57	59.57	1.5	ANNUAL	SRCGP4	5
606652.2	4122080	4.40359	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606672.2	4122080	3.44977	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606692.2	4122080	2.72148	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606712.2	4122080	2.17244	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606732.2	4122080	1.7572	59.86	59.86	1.5	ANNUAL	SRCGP4	5
606752.2	4122080	1.4326	60.33	60.33	1.5	ANNUAL	SRCGP4	5
606772.2	4122080	1.18861	60.39	60.39	1.5	ANNUAL	SRCGP4	5
606792.2	4122080	1.00405	59.93	59.93	1.5	ANNUAL	SRCGP4	5
606812.2	4122080	0.84959	60.46	60.46	1.5	ANNUAL	SRCGP4	5
606892.2	4122080	0.49372	60.42	60.42	1.5	ANNUAL	SRCGP4	5
606912.2	4122080	0.44017	60.49	60.49	1.5	ANNUAL	SRCGP4	5
606932.2	4122080	0.39623	60.24	60.24	1.5	ANNUAL	SRCGP4	5
605632.2	4122100	0.10563	55.21	313.49	1.5	ANNUAL	SRCGP4	5
605652.2	4122100	0.11021	55.57	313.49	1.5	ANNUAL	SRCGP4	5
605672.2	4122100	0.11513	55.76	313.49	1.5	ANNUAL	SRCGP4	5
605692.2	4122100	0.1204	55.3	313.5	1.5	ANNUAL	SRCGP4	5
605712.2	4122100	0.12608	55.89	313.5	1.5	ANNUAL	SRCGP4	5
605732.2	4122100	0.1322	56.15	313.5	1.5	ANNUAL	SRCGP4	5
605752.2	4122100	0.13883	55.79	313.5	1.5	ANNUAL	SRCGP4	5
605772.2	4122100	0.14599	55.89	313.5	1.5	ANNUAL	SRCGP4	5
605792.2	4122100	0.15376	56.3	313.5	1.5	ANNUAL	SRCGP4	5
605812.2	4122100	0.16223	56.22	313.5	1.5	ANNUAL	SRCGP4	5
605832.2	4122100	0.17145	55.9	313.5	1.5	ANNUAL	SRCGP4	5
605852.2	4122100	0.18138	56.57	313.5	1.5	ANNUAL	SRCGP4	5
605872.2	4122100	0.19212	57.11	313.5	1.5	ANNUAL	SRCGP4	5
605892.2	4122100	0.20456	56.55	313.5	1.5	ANNUAL	SRCGP4	5
605912.2	4122100	0.21776	56.81	313.5	1.5	ANNUAL	SRCGP4	5
606572.2	4122100	11.48926	59.9	59.9	1.5	ANNUAL	SRCGP4	5

606592.2	4122100	8.48806	59.6	59.6	1.5	ANNUAL	SRCGP4	5
606612.2	4122100	6.28994	59.76	59.76	1.5	ANNUAL	SRCGP4	5
606632.2	4122100	4.72083	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606652.2	4122100	3.59203	59.93	59.93	1.5	ANNUAL	SRCGP4	5
606672.2	4122100	2.77699	60.02	60.02	1.5	ANNUAL	SRCGP4	5
606692.2	4122100	2.18623	60.02	60.02	1.5	ANNUAL	SRCGP4	5
606712.2	4122100	1.75459	59.86	59.86	1.5	ANNUAL	SRCGP4	5
606852.2	4122100	0.55738	60.08	60.08	1.5	ANNUAL	SRCGP4	5
606872.2	4122100	0.49455	60.09	60.09	1.5	ANNUAL	SRCGP4	5
606892.2	4122100	0.44077	60.5	60.5	1.5	ANNUAL	SRCGP4	5
606912.2	4122100	0.39731	60.39	60.39	1.5	ANNUAL	SRCGP4	5
606932.2	4122100	0.36097	60.04	60.04	1.5	ANNUAL	SRCGP4	5
605632.2	4122120	0.10982	55.07	313.48	1.5	ANNUAL	SRCGP4	5
605652.2	4122120	0.1147	55.54	313.48	1.5	ANNUAL	SRCGP4	5
605672.2	4122120	0.11995	55.64	313.48	1.5	ANNUAL	SRCGP4	5
605692.2	4122120	0.1256	55.21	313.48	1.5	ANNUAL	SRCGP4	5
605712.2	4122120	0.1317	55.84	313.48	1.5	ANNUAL	SRCGP4	5
605732.2	4122120	0.1383	56.25	313.48	1.5	ANNUAL	SRCGP4	5
605752.2	4122120	0.14546	55.78	313.49	1.5	ANNUAL	SRCGP4	5
605772.2	4122120	0.15324	56.01	313.49	1.5	ANNUAL	SRCGP4	5
605792.2	4122120	0.16167	56.41	313.48	1.5	ANNUAL	SRCGP4	5
605812.2	4122120	0.17098	56.21	313.49	1.5	ANNUAL	SRCGP4	5
605832.2	4122120	0.18114	56.07	313.49	1.5	ANNUAL	SRCGP4	5
605852.2	4122120	0.19208	56.68	313.49	1.5	ANNUAL	SRCGP4	5
605872.2	4122120	0.20405	57.19	313.48	1.5	ANNUAL	SRCGP4	5
605992.2	4122120	0.31418	56.39	313.5	1.5	ANNUAL	SRCGP4	5
606012.2	4122120	0.34128	56.49	313.5	1.5	ANNUAL	SRCGP4	5
606032.2	4122120	0.37242	56.49	313.5	1.5	ANNUAL	SRCGP4	5
606052.2	4122120	0.40809	56.56	313.5	1.5	ANNUAL	SRCGP4	5
606512.2	4122120	32.72716	59.65	59.65	1.5	ANNUAL	SRCGP4	5
606532.2	4122120	21.0499	59.75	59.75	1.5	ANNUAL	SRCGP4	5
606552.2	4122120	14.17348	59.79	59.79	1.5	ANNUAL	SRCGP4	5
606572.2	4122120	9.80269	59.76	59.76	1.5	ANNUAL	SRCGP4	5
606592.2	4122120	6.93866	59.62	59.62	1.5	ANNUAL	SRCGP4	5
606772.2	4122120	0.83572	59.99	59.99	1.5	ANNUAL	SRCGP4	5
606792.2	4122120	0.72236	59.97	59.97	1.5	ANNUAL	SRCGP4	5
606812.2	4122120	0.63179	59.86	59.86	1.5	ANNUAL	SRCGP4	5
606852.2	4122120	0.49497	60.05	60.05	1.5	ANNUAL	SRCGP4	5
606872.2	4122120	0.4437	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606892.2	4122120	0.39969	60.26	60.26	1.5	ANNUAL	SRCGP4	5
606912.2	4122120	0.3631	60.16	60.16	1.5	ANNUAL	SRCGP4	5
605632.2	4122140	0.11432	55.08	312.88	1.5	ANNUAL	SRCGP4	5
605652.2	4122140	0.11952	55.55	312.88	1.5	ANNUAL	SRCGP4	5
605672.2	4122140	0.12513	55.41	313.48	1.5	ANNUAL	SRCGP4	5
605692.2	4122140	0.13117	55.22	313.48	1.5	ANNUAL	SRCGP4	5
605712.2	4122140	0.13772	55.78	313.48	1.5	ANNUAL	SRCGP4	5
605732.2	4122140	0.14482	56.21	312.88	1.5	ANNUAL	SRCGP4	5
605752.2	4122140	0.15256	55.7	313.48	1.5	ANNUAL	SRCGP4	5
605772.2	4122140	0.16098	56.11	313.48	1.5	ANNUAL	SRCGP4	5
605792.2	4122140	0.17011	56.46	313.48	1.5	ANNUAL	SRCGP4	5
605812.2	4122140	0.1803	56.13	313.48	1.5	ANNUAL	SRCGP4	5
605832.2	4122140	0.19141	56.24	313.48	1.5	ANNUAL	SRCGP4	5
605852.2	4122140	0.20342	56.73	313.48	1.5	ANNUAL	SRCGP4	5
605932.2	4122140	0.26833	56.22	313.48	1.5	ANNUAL	SRCGP4	5
605952.2	4122140	0.28975	56.11	313.48	1.5	ANNUAL	SRCGP4	5
605972.2	4122140	0.31395	56.35	313.48	1.5	ANNUAL	SRCGP4	5
605992.2	4122140	0.34166	56.34	313.48	1.5	ANNUAL	SRCGP4	5
606012.2	4122140	0.37351	56.31	313.48	1.5	ANNUAL	SRCGP4	5
606032.2	4122140	0.41027	56.32	313.48	1.5	ANNUAL	SRCGP4	5
606052.2	4122140	0.45313	56.32	313.48	1.5	ANNUAL	SRCGP4	5
606072.2	4122140	0.50298	56.51	313.48	1.5	ANNUAL	SRCGP4	5
606132.2	4122140	0.71433	58.06	58.06	1.5	ANNUAL	SRCGP4	5
606152.2	4122140	0.82095	58.04	58.04	1.5	ANNUAL	SRCGP4	5

606172.2	4122140	0.95399	58.19	58.19	1.5	ANNUAL	SRCGP4	5
606652.2	4122140	2.13944	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606672.2	4122140	1.6959	59.96	59.96	1.5	ANNUAL	SRCGP4	5
606712.2	4122140	1.14362	60.03	60.03	1.5	ANNUAL	SRCGP4	5
606732.2	4122140	0.96519	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606752.2	4122140	0.82712	59.97	59.97	1.5	ANNUAL	SRCGP4	5
606772.2	4122140	0.71667	60.02	60.02	1.5	ANNUAL	SRCGP4	5
606792.2	4122140	0.62788	60.03	60.03	1.5	ANNUAL	SRCGP4	5
606812.2	4122140	0.55699	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606832.2	4122140	0.49491	60.06	60.06	1.5	ANNUAL	SRCGP4	5
606852.2	4122140	0.44486	59.93	59.93	1.5	ANNUAL	SRCGP4	5
605632.2	4122160	0.11905	55.27	292.97	1.5	ANNUAL	SRCGP4	5
605652.2	4122160	0.1246	55.59	292.97	1.5	ANNUAL	SRCGP4	5
605672.2	4122160	0.13059	55.4	292.97	1.5	ANNUAL	SRCGP4	5
605692.2	4122160	0.13708	55.38	292.97	1.5	ANNUAL	SRCGP4	5
605712.2	4122160	0.14411	55.91	292.97	1.5	ANNUAL	SRCGP4	5
605732.2	4122160	0.15177	56.02	292.97	1.5	ANNUAL	SRCGP4	5
605752.2	4122160	0.16012	55.6	292.97	1.5	ANNUAL	SRCGP4	5
605772.2	4122160	0.16924	56.19	292.97	1.5	ANNUAL	SRCGP4	5
605792.2	4122160	0.17919	56.42	292.97	1.5	ANNUAL	SRCGP4	5
605812.2	4122160	0.1903	55.93	292.97	1.5	ANNUAL	SRCGP4	5
605832.2	4122160	0.20248	56.28	292.97	1.5	ANNUAL	SRCGP4	5
605912.2	4122160	0.26672	56.36	292.97	1.5	ANNUAL	SRCGP4	5
605932.2	4122160	0.28815	56.3	292.97	1.5	ANNUAL	SRCGP4	5
605952.2	4122160	0.31245	56.12	292.97	1.5	ANNUAL	SRCGP4	5
605972.2	4122160	0.34021	56.11	292.97	1.5	ANNUAL	SRCGP4	5
605992.2	4122160	0.37213	56.22	292.97	1.5	ANNUAL	SRCGP4	5
606012.2	4122160	0.40916	56.15	56.15	1.5	ANNUAL	SRCGP4	5
606032.2	4122160	0.45245	56.14	56.14	1.5	ANNUAL	SRCGP4	5
606052.2	4122160	0.50353	56.19	56.19	1.5	ANNUAL	SRCGP4	5
606072.2	4122160	0.56369	56.49	56.49	1.5	ANNUAL	SRCGP4	5
606132.2	4122160	0.82864	58.03	58.03	1.5	ANNUAL	SRCGP4	5
606152.2	4122160	0.96701	58.1	58.1	1.5	ANNUAL	SRCGP4	5
606172.2	4122160	1.14541	58.22	58.22	1.5	ANNUAL	SRCGP4	5
606512.2	4122160	23.89214	59.43	59.43	1.5	ANNUAL	SRCGP4	5
606532.2	4122160	13.23458	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606552.2	4122160	8.00842	59.57	59.57	1.5	ANNUAL	SRCGP4	5
606652.2	4122160	1.65845	59.85	59.85	1.5	ANNUAL	SRCGP4	5
606672.2	4122160	1.35409	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606712.2	4122160	0.95475	60	60	1.5	ANNUAL	SRCGP4	5
606732.2	4122160	0.82014	60	60	1.5	ANNUAL	SRCGP4	5
606752.2	4122160	0.71307	59.96	59.96	1.5	ANNUAL	SRCGP4	5
606772.2	4122160	0.62616	59.93	59.93	1.5	ANNUAL	SRCGP4	5
606792.2	4122160	0.55478	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606872.2	4122160	0.36605	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606892.2	4122160	0.33432	59.78	59.78	1.5	ANNUAL	SRCGP4	5
606912.2	4122160	0.30651	59.92	59.92	1.5	ANNUAL	SRCGP4	5
605632.2	4122180	0.12392	55.2	292.97	1.5	ANNUAL	SRCGP4	5
605652.2	4122180	0.12985	55.38	292.97	1.5	ANNUAL	SRCGP4	5
605672.2	4122180	0.13628	55.24	292.97	1.5	ANNUAL	SRCGP4	5
605692.2	4122180	0.14325	55.35	292.97	1.5	ANNUAL	SRCGP4	5
605712.2	4122180	0.15083	55.68	292.97	1.5	ANNUAL	SRCGP4	5
605732.2	4122180	0.1591	55.8	292.97	1.5	ANNUAL	SRCGP4	5
605752.2	4122180	0.16816	55.52	292.97	1.5	ANNUAL	SRCGP4	5
605772.2	4122180	0.17809	56.14	292.97	1.5	ANNUAL	SRCGP4	5
605792.2	4122180	0.18904	56.17	292.97	1.5	ANNUAL	SRCGP4	5
605812.2	4122180	0.20114	55.81	292.97	1.5	ANNUAL	SRCGP4	5
605832.2	4122180	0.21452	56.34	292.97	1.5	ANNUAL	SRCGP4	5
605892.2	4122180	0.26498	56.39	292.97	1.5	ANNUAL	SRCGP4	5
605912.2	4122180	0.28625	56.41	292.97	1.5	ANNUAL	SRCGP4	5
605932.2	4122180	0.31063	56.21	292.97	1.5	ANNUAL	SRCGP4	5
605952.2	4122180	0.33836	56.29	292.97	1.5	ANNUAL	SRCGP4	5
605972.2	4122180	0.37017	56.37	56.37	1.5	ANNUAL	SRCGP4	5

605992.2	4122180	0.40735	56.33	56.33	1.5	ANNUAL	SRCGP4	5
606012.2	4122180	0.45091	56.21	56.21	1.5	ANNUAL	SRCGP4	5
606032.2	4122180	0.50228	56.22	56.22	1.5	ANNUAL	SRCGP4	5
606052.2	4122180	0.56363	56.22	56.22	1.5	ANNUAL	SRCGP4	5
606132.2	4122180	0.97022	58.08	58.08	1.5	ANNUAL	SRCGP4	5
606152.2	4122180	1.15044	58.13	58.13	1.5	ANNUAL	SRCGP4	5
606172.2	4122180	1.38788	58.22	58.22	1.5	ANNUAL	SRCGP4	5
606332.2	4122180	19.50671	58.8	58.8	1.5	ANNUAL	SRCGP4	5
606352.2	4122180	37.10658	57.63	59.63	1.5	ANNUAL	SRCGP4	5
606672.2	4122180	1.11852	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606712.2	4122180	0.81726	59.93	59.93	1.5	ANNUAL	SRCGP4	5
606812.2	4122180	0.44555	59.66	59.66	1.5	ANNUAL	SRCGP4	5
606832.2	4122180	0.40257	59.71	59.71	1.5	ANNUAL	SRCGP4	5
606852.2	4122180	0.36551	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606872.2	4122180	0.33369	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606892.2	4122180	0.30605	59.9	59.9	1.5	ANNUAL	SRCGP4	5
606912.2	4122180	0.2818	59.94	59.94	1.5	ANNUAL	SRCGP4	5
605872.2	4122200	0.2635	56.28	292.97	1.5	ANNUAL	SRCGP4	5
605892.2	4122200	0.28459	56.46	292.97	1.5	ANNUAL	SRCGP4	5
605912.2	4122200	0.30902	56.3	56.3	1.5	ANNUAL	SRCGP4	5
605932.2	4122200	0.33681	56.19	56.19	1.5	ANNUAL	SRCGP4	5
605952.2	4122200	0.36883	56.27	56.27	1.5	ANNUAL	SRCGP4	5
605972.2	4122200	0.40602	56.31	56.31	1.5	ANNUAL	SRCGP4	5
605992.2	4122200	0.44969	56.25	56.25	1.5	ANNUAL	SRCGP4	5
606012.2	4122200	0.50127	56.2	56.2	1.5	ANNUAL	SRCGP4	5
606032.2	4122200	0.56285	56.22	56.22	1.5	ANNUAL	SRCGP4	5
606052.2	4122200	0.63719	56.26	56.26	1.5	ANNUAL	SRCGP4	5
606072.2	4122200	0.72699	56.49	56.49	1.5	ANNUAL	SRCGP4	5
606132.2	4122200	1.14852	57.98	57.98	1.5	ANNUAL	SRCGP4	5
606152.2	4122200	1.38054	58.09	58.09	1.5	ANNUAL	SRCGP4	5
606172.2	4122200	1.69072	58.17	58.17	1.5	ANNUAL	SRCGP4	5
606332.2	4122200	21.92763	57.98	57.98	1.5	ANNUAL	SRCGP4	5
606352.2	4122200	39.28718	57.32	57.32	1.5	ANNUAL	SRCGP4	5
606672.2	4122200	0.94756	59.39	59.39	1.5	ANNUAL	SRCGP4	5
606752.2	4122200	0.55631	59.75	59.75	1.5	ANNUAL	SRCGP4	5
606772.2	4122200	0.49683	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606792.2	4122200	0.44608	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606812.2	4122200	0.40309	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606832.2	4122200	0.36613	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606852.2	4122200	0.33402	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606872.2	4122200	0.30606	59.94	59.94	1.5	ANNUAL	SRCGP4	5
606892.2	4122200	0.28182	59.84	59.84	1.5	ANNUAL	SRCGP4	5
605872.2	4122220	0.28318	56.62	56.62	1.5	ANNUAL	SRCGP4	5
605892.2	4122220	0.30769	56.43	56.43	1.5	ANNUAL	SRCGP4	5
605912.2	4122220	0.33571	56.32	56.32	1.5	ANNUAL	SRCGP4	5
605932.2	4122220	0.36783	56.33	56.33	1.5	ANNUAL	SRCGP4	5
605952.2	4122220	0.40528	56.25	56.25	1.5	ANNUAL	SRCGP4	5
605972.2	4122220	0.44898	56.31	56.31	1.5	ANNUAL	SRCGP4	5
605992.2	4122220	0.50071	56.27	56.27	1.5	ANNUAL	SRCGP4	5
606012.2	4122220	0.5623	56.21	56.21	1.5	ANNUAL	SRCGP4	5
606032.2	4122220	0.63645	56.24	56.24	1.5	ANNUAL	SRCGP4	5
606052.2	4122220	0.72651	56.33	56.33	1.5	ANNUAL	SRCGP4	5
606132.2	4122220	1.36242	58.08	58.08	1.5	ANNUAL	SRCGP4	5
606152.2	4122220	1.65476	58.18	58.18	1.5	ANNUAL	SRCGP4	5
606172.2	4122220	2.0455	58.24	58.24	1.5	ANNUAL	SRCGP4	5
606292.2	4122220	10.60239	58.14	58.14	1.5	ANNUAL	SRCGP4	5
606712.2	4122220	0.62726	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606732.2	4122220	0.55763	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606752.2	4122220	0.49865	59.94	59.94	1.5	ANNUAL	SRCGP4	5
606772.2	4122220	0.44883	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606792.2	4122220	0.40594	59.85	59.85	1.5	ANNUAL	SRCGP4	5
606812.2	4122220	0.36874	59.87	59.87	1.5	ANNUAL	SRCGP4	5
605872.2	4122240	0.30687	56.67	56.67	1.5	ANNUAL	SRCGP4	5

605892.2	4122240	0.33495	56.56	56.56	1.5	ANNUAL	SRCGP4	5
605912.2	4122240	0.36741	56.42	56.42	1.5	ANNUAL	SRCGP4	5
605932.2	4122240	0.40461	56.53	56.53	1.5	ANNUAL	SRCGP4	5
605952.2	4122240	0.44827	56.55	56.55	1.5	ANNUAL	SRCGP4	5
605972.2	4122240	0.49974	56.56	56.56	1.5	ANNUAL	SRCGP4	5
605992.2	4122240	0.56101	56.53	56.53	1.5	ANNUAL	SRCGP4	5
606012.2	4122240	0.63439	56.52	56.52	1.5	ANNUAL	SRCGP4	5
606032.2	4122240	0.72324	56.51	56.51	1.5	ANNUAL	SRCGP4	5
606052.2	4122240	0.83172	56.55	56.55	1.5	ANNUAL	SRCGP4	5
606132.2	4122240	1.60871	58.09	58.09	1.5	ANNUAL	SRCGP4	5
606152.2	4122240	1.96188	58.24	58.24	1.5	ANNUAL	SRCGP4	5
606192.2	4122240	3.04787	58.15	58.15	1.5	ANNUAL	SRCGP4	5
606292.2	4122240	10.67743	58.3	58.3	1.5	ANNUAL	SRCGP4	5
606312.2	4122240	13.70001	58.39	58.39	1.5	ANNUAL	SRCGP4	5
606332.2	4122240	17.05794	58.48	58.48	1.5	ANNUAL	SRCGP4	5
606352.2	4122240	19.9354	58.51	58.51	1.5	ANNUAL	SRCGP4	5
606392.2	4122240	20.59758	59.07	59.07	1.5	ANNUAL	SRCGP4	5
606412.2	4122240	18.58684	59.06	59.06	1.5	ANNUAL	SRCGP4	5
606452.2	4122240	11.13955	59.25	59.25	1.5	ANNUAL	SRCGP4	5
606472.2	4122240	7.24757	59.43	59.43	1.5	ANNUAL	SRCGP4	5
606712.2	4122240	0.5574	59.9	59.9	1.5	ANNUAL	SRCGP4	5
606732.2	4122240	0.50032	59.92	59.92	1.5	ANNUAL	SRCGP4	5
606752.2	4122240	0.4516	59.88	59.88	1.5	ANNUAL	SRCGP4	5
605852.2	4122260	0.30658	57.05	57.05	1.5	ANNUAL	SRCGP4	5
605872.2	4122260	0.33431	57.21	57.21	1.5	ANNUAL	SRCGP4	5
605892.2	4122260	0.36628	57.32	57.32	1.5	ANNUAL	SRCGP4	5
605912.2	4122260	0.40338	57.38	57.38	1.5	ANNUAL	SRCGP4	5
605932.2	4122260	0.4465	57.5	57.5	1.5	ANNUAL	SRCGP4	5
605952.2	4122260	0.49732	57.52	57.52	1.5	ANNUAL	SRCGP4	5
605972.2	4122260	0.55707	57.67	57.67	1.5	ANNUAL	SRCGP4	5
605992.2	4122260	0.62859	57.72	57.72	1.5	ANNUAL	SRCGP4	5
606012.2	4122260	0.71488	57.69	57.69	1.5	ANNUAL	SRCGP4	5
606032.2	4122260	0.81935	57.73	57.73	1.5	ANNUAL	SRCGP4	5
606052.2	4122260	0.94736	57.78	57.78	1.5	ANNUAL	SRCGP4	5
606132.2	4122260	1.87608	57.6	57.6	1.5	ANNUAL	SRCGP4	5
606152.2	4122260	2.27676	58.06	58.06	1.5	ANNUAL	SRCGP4	5
606172.2	4122260	2.79253	58.21	58.21	1.5	ANNUAL	SRCGP4	5
606192.2	4122260	3.45278	58.18	58.18	1.5	ANNUAL	SRCGP4	5
606212.2	4122260	4.28936	58.08	58.08	1.5	ANNUAL	SRCGP4	5
606292.2	4122260	9.81974	58.24	58.24	1.5	ANNUAL	SRCGP4	5
606312.2	4122260	11.51232	58.44	58.44	1.5	ANNUAL	SRCGP4	5
606332.2	4122260	12.92065	58.62	58.62	1.5	ANNUAL	SRCGP4	5
606352.2	4122260	13.75067	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606392.2	4122260	12.70938	59.36	59.36	1.5	ANNUAL	SRCGP4	5
606412.2	4122260	11.00551	59.46	59.46	1.5	ANNUAL	SRCGP4	5
606452.2	4122260	6.67754	59.75	59.75	1.5	ANNUAL	SRCGP4	5
606472.2	4122260	4.75847	59.81	59.81	1.5	ANNUAL	SRCGP4	5
606712.2	4122260	0.49829	59.71	59.71	1.5	ANNUAL	SRCGP4	5
605852.2	4122280	0.33512	57.17	57.17	1.5	ANNUAL	SRCGP4	5
605872.2	4122280	0.36526	58.52	58.52	1.5	ANNUAL	SRCGP4	5
605892.2	4122280	0.40136	58.94	58.94	1.5	ANNUAL	SRCGP4	5
605912.2	4122280	0.44529	58.28	59.19	1.5	ANNUAL	SRCGP4	5
605932.2	4122280	0.49681	57.6	57.6	1.5	ANNUAL	SRCGP4	5
605952.2	4122280	0.55598	57.58	57.58	1.5	ANNUAL	SRCGP4	5
605972.2	4122280	0.62551	57.77	57.77	1.5	ANNUAL	SRCGP4	5
605992.2	4122280	0.70892	57.82	57.82	1.5	ANNUAL	SRCGP4	5
606012.2	4122280	0.80965	57.78	57.78	1.5	ANNUAL	SRCGP4	5
606032.2	4122280	0.93153	57.81	57.81	1.5	ANNUAL	SRCGP4	5
606052.2	4122280	1.07918	58.08	58.08	1.5	ANNUAL	SRCGP4	5
606172.2	4122280	3.08647	58.06	58.06	1.5	ANNUAL	SRCGP4	5
606192.2	4122280	3.7282	58.2	58.2	1.5	ANNUAL	SRCGP4	5
606212.2	4122280	4.49742	58.15	58.15	1.5	ANNUAL	SRCGP4	5
606232.2	4122280	5.38714	58.18	58.18	1.5	ANNUAL	SRCGP4	5

606292.2	4122280	8.41373	58.3	58.3	1.5	ANNUAL	SRCGP4	5
606312.2	4122280	9.2116	58.48	58.48	1.5	ANNUAL	SRCGP4	5
606332.2	4122280	9.69573	58.66	58.66	1.5	ANNUAL	SRCGP4	5
606352.2	4122280	9.77513	58.83	58.83	1.5	ANNUAL	SRCGP4	5
606372.2	4122280	9.35409	59.12	59.12	1.5	ANNUAL	SRCGP4	5
606392.2	4122280	8.46072	59.4	59.4	1.5	ANNUAL	SRCGP4	5
606412.2	4122280	7.26771	59.45	59.45	1.5	ANNUAL	SRCGP4	5
606432.2	4122280	5.93679	59.54	59.54	1.5	ANNUAL	SRCGP4	5
606452.2	4122280	4.62937	59.75	59.75	1.5	ANNUAL	SRCGP4	5
606472.2	4122280	3.48666	59.79	59.79	1.5	ANNUAL	SRCGP4	5
606492.2	4122280	2.60145	59.75	59.75	1.5	ANNUAL	SRCGP4	5
606512.2	4122280	1.98882	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606532.2	4122280	1.57857	59.51	59.51	1.5	ANNUAL	SRCGP4	5
606552.2	4122280	1.29404	59.15	59.15	1.5	ANNUAL	SRCGP4	5
606572.2	4122280	1.08082	59.16	59.16	1.5	ANNUAL	SRCGP4	5
606892.2	4122280	0.22005	59.51	59.51	1.5	ANNUAL	SRCGP4	5
606912.2	4122280	0.20567	59.68	59.68	1.5	ANNUAL	SRCGP4	5
605632.2	4122300	0.16389	55.35	55.35	1.5	ANNUAL	SRCGP4	5
605652.2	4122300	0.17398	55.4	55.4	1.5	ANNUAL	SRCGP4	5
605672.2	4122300	0.1851	55.97	55.97	1.5	ANNUAL	SRCGP4	5
605692.2	4122300	0.19742	56.08	56.08	1.5	ANNUAL	SRCGP4	5
605852.2	4122300	0.36817	56.96	56.96	1.5	ANNUAL	SRCGP4	5
605872.2	4122300	0.40228	58.66	58.66	1.5	ANNUAL	SRCGP4	5
605892.2	4122300	0.44219	59.9	59.9	1.5	ANNUAL	SRCGP4	5
605912.2	4122300	0.49255	59.11	59.11	1.5	ANNUAL	SRCGP4	5
605932.2	4122300	0.55288	57.78	57.78	1.5	ANNUAL	SRCGP4	5
605952.2	4122300	0.62102	57.67	57.67	1.5	ANNUAL	SRCGP4	5
605972.2	4122300	0.70117	57.77	57.77	1.5	ANNUAL	SRCGP4	5
605992.2	4122300	0.79691	57.81	57.81	1.5	ANNUAL	SRCGP4	5
606012.2	4122300	0.91204	57.78	57.78	1.5	ANNUAL	SRCGP4	5
606032.2	4122300	1.05077	57.79	57.79	1.5	ANNUAL	SRCGP4	5
606052.2	4122300	1.21793	57.96	57.96	1.5	ANNUAL	SRCGP4	5
606292.2	4122300	6.94246	58.39	58.39	1.5	ANNUAL	SRCGP4	5
606312.2	4122300	7.23909	58.65	58.65	1.5	ANNUAL	SRCGP4	5
606332.2	4122300	7.3095	58.85	58.85	1.5	ANNUAL	SRCGP4	5
606352.2	4122300	7.13941	58.89	58.89	1.5	ANNUAL	SRCGP4	5
606392.2	4122300	5.99352	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606412.2	4122300	5.17756	59.49	59.49	1.5	ANNUAL	SRCGP4	5
606432.2	4122300	4.29959	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606452.2	4122300	3.45336	59.81	59.81	1.5	ANNUAL	SRCGP4	5
606472.2	4122300	2.70605	59.79	59.79	1.5	ANNUAL	SRCGP4	5
606492.2	4122300	2.10071	59.85	59.85	1.5	ANNUAL	SRCGP4	5
606512.2	4122300	1.65515	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606832.2	4122300	0.25154	59.44	59.44	1.5	ANNUAL	SRCGP4	5
606852.2	4122300	0.23508	59.77	59.77	1.5	ANNUAL	SRCGP4	5
606872.2	4122300	0.22061	59.64	59.64	1.5	ANNUAL	SRCGP4	5
606892.2	4122300	0.20713	59.72	59.72	1.5	ANNUAL	SRCGP4	5
606912.2	4122300	0.1948	59.72	59.72	1.5	ANNUAL	SRCGP4	5
605632.2	4122320	0.1746	55.6	55.6	1.5	ANNUAL	SRCGP4	5
605652.2	4122320	0.1858	55.89	55.89	1.5	ANNUAL	SRCGP4	5
605672.2	4122320	0.19815	56.38	56.38	1.5	ANNUAL	SRCGP4	5
605692.2	4122320	0.21192	56.37	56.37	1.5	ANNUAL	SRCGP4	5
605772.2	4122320	0.2847	56.92	56.92	1.5	ANNUAL	SRCGP4	5
605792.2	4122320	0.30903	56.99	56.99	1.5	ANNUAL	SRCGP4	5
605852.2	4122320	0.40379	57.46	59.49	1.5	ANNUAL	SRCGP4	5
605872.2	4122320	0.44229	59.31	59.31	1.5	ANNUAL	SRCGP4	5
605892.2	4122320	0.48936	59.62	59.62	1.5	ANNUAL	SRCGP4	5
605912.2	4122320	0.54502	59.48	59.48	1.5	ANNUAL	SRCGP4	5
605932.2	4122320	0.61374	57.87	57.87	1.5	ANNUAL	SRCGP4	5
605952.2	4122320	0.69187	57.34	57.34	1.5	ANNUAL	SRCGP4	5
605972.2	4122320	0.78147	57.74	57.74	1.5	ANNUAL	SRCGP4	5
605992.2	4122320	0.88884	57.8	57.8	1.5	ANNUAL	SRCGP4	5
606012.2	4122320	1.01675	57.84	57.84	1.5	ANNUAL	SRCGP4	5

606032.2	4122320	1.16945	57.86	57.86	1.5	ANNUAL	SRCGP4	5
606392.2	4122320	4.47394	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606412.2	4122320	3.89932	59.52	59.52	1.5	ANNUAL	SRCGP4	5
606432.2	4122320	3.29767	59.54	59.54	1.5	ANNUAL	SRCGP4	5
606452.2	4122320	2.70118	59.91	59.91	1.5	ANNUAL	SRCGP4	5
606472.2	4122320	2.18109	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606752.2	4122320	0.30353	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606772.2	4122320	0.28121	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606792.2	4122320	0.26224	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606812.2	4122320	0.24568	59.77	59.77	1.5	ANNUAL	SRCGP4	5
606832.2	4122320	0.23078	59.72	59.72	1.5	ANNUAL	SRCGP4	5
606852.2	4122320	0.21708	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606872.2	4122320	0.20496	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606892.2	4122320	0.19363	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606912.2	4122320	0.18315	59.68	59.68	1.5	ANNUAL	SRCGP4	5
605632.2	4122340	0.18666	56.01	56.01	1.5	ANNUAL	SRCGP4	5
605652.2	4122340	0.1991	55.94	55.94	1.5	ANNUAL	SRCGP4	5
605672.2	4122340	0.21289	56.2	56.2	1.5	ANNUAL	SRCGP4	5
605692.2	4122340	0.22821	56.23	56.23	1.5	ANNUAL	SRCGP4	5
605712.2	4122340	0.24524	56.38	56.38	1.5	ANNUAL	SRCGP4	5
605732.2	4122340	0.26365	57.25	57.25	1.5	ANNUAL	SRCGP4	5
605752.2	4122340	0.28407	58.37	58.37	1.5	ANNUAL	SRCGP4	5
605772.2	4122340	0.3081	58.35	58.8	1.5	ANNUAL	SRCGP4	5
605792.2	4122340	0.33505	58.55	58.55	1.5	ANNUAL	SRCGP4	5
605812.2	4122340	0.36626	58.25	59.98	1.5	ANNUAL	SRCGP4	5
605832.2	4122340	0.40171	58.07	59.98	1.5	ANNUAL	SRCGP4	5
605852.2	4122340	0.44138	58.53	58.53	1.5	ANNUAL	SRCGP4	5
605872.2	4122340	0.48588	59.58	59.58	1.5	ANNUAL	SRCGP4	5
605892.2	4122340	0.53923	59.57	59.57	1.5	ANNUAL	SRCGP4	5
605912.2	4122340	0.60092	59.66	59.66	1.5	ANNUAL	SRCGP4	5
605932.2	4122340	0.67654	58.34	59	1.5	ANNUAL	SRCGP4	5
605952.2	4122340	0.76312	57.77	57.77	1.5	ANNUAL	SRCGP4	5
605972.2	4122340	0.86296	57.8	57.8	1.5	ANNUAL	SRCGP4	5
606692.2	4122340	0.36092	59.65	59.65	1.5	ANNUAL	SRCGP4	5
606712.2	4122340	0.32729	59.94	59.94	1.5	ANNUAL	SRCGP4	5
606732.2	4122340	0.29932	60.06	60.06	1.5	ANNUAL	SRCGP4	5
606752.2	4122340	0.27632	59.81	59.81	1.5	ANNUAL	SRCGP4	5
606772.2	4122340	0.25628	59.86	59.86	1.5	ANNUAL	SRCGP4	5
606792.2	4122340	0.23937	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606812.2	4122340	0.22447	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606832.2	4122340	0.2115	59.57	59.57	1.5	ANNUAL	SRCGP4	5
606852.2	4122340	0.19972	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606872.2	4122340	0.18907	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606892.2	4122340	0.1796	59.63	59.63	1.5	ANNUAL	SRCGP4	5
606912.2	4122340	0.17071	59.66	59.66	1.5	ANNUAL	SRCGP4	5
605632.2	4122360	0.19994	55.97	55.97	1.5	ANNUAL	SRCGP4	5
605652.2	4122360	0.21369	55.94	55.94	1.5	ANNUAL	SRCGP4	5
605672.2	4122360	0.22893	56.31	56.31	1.5	ANNUAL	SRCGP4	5
605692.2	4122360	0.24583	56.4	56.4	1.5	ANNUAL	SRCGP4	5
605712.2	4122360	0.26464	56.57	56.57	1.5	ANNUAL	SRCGP4	5
605732.2	4122360	0.28521	57.31	57.31	1.5	ANNUAL	SRCGP4	5
605752.2	4122360	0.30758	58.82	58.82	1.5	ANNUAL	SRCGP4	5
605772.2	4122360	0.33319	59.8	59.8	1.5	ANNUAL	SRCGP4	5
605792.2	4122360	0.36334	59.68	59.68	1.5	ANNUAL	SRCGP4	5
605812.2	4122360	0.39691	60.07	60.07	1.5	ANNUAL	SRCGP4	5
605832.2	4122360	0.4361	59.81	59.81	1.5	ANNUAL	SRCGP4	5
605852.2	4122360	0.48118	59.43	59.43	1.5	ANNUAL	SRCGP4	5
605872.2	4122360	0.53202	59.58	59.58	1.5	ANNUAL	SRCGP4	5
605892.2	4122360	0.59086	59.6	59.6	1.5	ANNUAL	SRCGP4	5
605912.2	4122360	0.65831	59.85	59.85	1.5	ANNUAL	SRCGP4	5
605952.2	4122360	0.83569	57.6	57.6	1.5	ANNUAL	SRCGP4	5
606632.2	4122360	0.46274	59.49	59.49	1.5	ANNUAL	SRCGP4	5
606652.2	4122360	0.41256	59.85	59.85	1.5	ANNUAL	SRCGP4	5

606672.2	4122360	0.37034	59.95	59.95	1.5	ANNUAL	SRCGP4	5
606692.2	4122360	0.3342	60.03	60.03	1.5	ANNUAL	SRCGP4	5
606712.2	4122360	0.30399	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606732.2	4122360	0.27741	59.9	59.9	1.5	ANNUAL	SRCGP4	5
606772.2	4122360	0.23635	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606792.2	4122360	0.22023	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606812.2	4122360	0.20631	59.52	59.52	1.5	ANNUAL	SRCGP4	5
606832.2	4122360	0.19408	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606852.2	4122360	0.18369	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606872.2	4122360	0.17405	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606892.2	4122360	0.16583	59.57	59.57	1.5	ANNUAL	SRCGP4	5
606912.2	4122360	0.15826	59.46	59.46	1.5	ANNUAL	SRCGP4	5
605632.2	4122380	0.21427	56.18	56.18	1.5	ANNUAL	SRCGP4	5
605652.2	4122380	0.22939	56.08	56.08	1.5	ANNUAL	SRCGP4	5
605672.2	4122380	0.24605	56.46	56.46	1.5	ANNUAL	SRCGP4	5
605692.2	4122380	0.26459	56.65	56.65	1.5	ANNUAL	SRCGP4	5
605712.2	4122380	0.28535	56.74	56.74	1.5	ANNUAL	SRCGP4	5
605732.2	4122380	0.30804	57.49	57.49	1.5	ANNUAL	SRCGP4	5
605752.2	4122380	0.33271	59.04	59.04	1.5	ANNUAL	SRCGP4	5
605772.2	4122380	0.36141	59.6	59.6	1.5	ANNUAL	SRCGP4	5
605792.2	4122380	0.39427	59.77	59.77	1.5	ANNUAL	SRCGP4	5
605812.2	4122380	0.43139	60.03	60.03	1.5	ANNUAL	SRCGP4	5
605832.2	4122380	0.47463	59.64	59.64	1.5	ANNUAL	SRCGP4	5
605852.2	4122380	0.52346	59.58	59.58	1.5	ANNUAL	SRCGP4	5
605872.2	4122380	0.57912	59.63	59.63	1.5	ANNUAL	SRCGP4	5
605892.2	4122380	0.64312	59.6	59.6	1.5	ANNUAL	SRCGP4	5
605912.2	4122380	0.71645	59.63	59.63	1.5	ANNUAL	SRCGP4	5
606572.2	4122380	0.60667	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606592.2	4122380	0.53628	59.66	59.66	1.5	ANNUAL	SRCGP4	5
606612.2	4122380	0.47737	59.72	59.72	1.5	ANNUAL	SRCGP4	5
606632.2	4122380	0.42732	59.71	59.71	1.5	ANNUAL	SRCGP4	5
606652.2	4122380	0.38373	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606752.2	4122380	0.23927	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606772.2	4122380	0.22054	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606792.2	4122380	0.2047	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606812.2	4122380	0.19139	59.63	59.63	1.5	ANNUAL	SRCGP4	5
606832.2	4122380	0.17979	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606852.2	4122380	0.16982	59.41	59.41	1.5	ANNUAL	SRCGP4	5
606872.2	4122380	0.16096	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606892.2	4122380	0.15314	59.62	59.62	1.5	ANNUAL	SRCGP4	5
605632.2	4122400	0.22948	56.24	56.24	1.5	ANNUAL	SRCGP4	5
605652.2	4122400	0.24602	56.1	56.1	1.5	ANNUAL	SRCGP4	5
605672.2	4122400	0.26423	56.5	56.5	1.5	ANNUAL	SRCGP4	5
605692.2	4122400	0.28455	56.64	56.64	1.5	ANNUAL	SRCGP4	5
605712.2	4122400	0.30724	56.76	56.76	1.5	ANNUAL	SRCGP4	5
605732.2	4122400	0.33203	57.59	57.59	1.5	ANNUAL	SRCGP4	5
605752.2	4122400	0.35895	59.26	59.26	1.5	ANNUAL	SRCGP4	5
605772.2	4122400	0.39054	59.6	59.6	1.5	ANNUAL	SRCGP4	5
605792.2	4122400	0.42662	59.59	59.59	1.5	ANNUAL	SRCGP4	5
605812.2	4122400	0.46743	59.6	59.6	1.5	ANNUAL	SRCGP4	5
605832.2	4122400	0.51378	59.57	59.57	1.5	ANNUAL	SRCGP4	5
605852.2	4122400	0.56642	59.56	59.56	1.5	ANNUAL	SRCGP4	5
605872.2	4122400	0.62557	59.88	59.88	1.5	ANNUAL	SRCGP4	5
605892.2	4122400	0.69434	59.55	59.55	1.5	ANNUAL	SRCGP4	5
605912.2	4122400	0.77373	58.79	59.2	1.5	ANNUAL	SRCGP4	5
605932.2	4122400	0.86577	57.36	57.36	1.5	ANNUAL	SRCGP4	5
606512.2	4122400	0.83644	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606532.2	4122400	0.71905	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606552.2	4122400	0.62566	59.7	59.7	1.5	ANNUAL	SRCGP4	5
606572.2	4122400	0.55136	59.71	59.71	1.5	ANNUAL	SRCGP4	5
606592.2	4122400	0.49086	59.71	59.71	1.5	ANNUAL	SRCGP4	5
606692.2	4122400	0.29574	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606712.2	4122400	0.26946	59.86	59.86	1.5	ANNUAL	SRCGP4	5

606732.2	4122400	0.24646	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606752.2	4122400	0.22638	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606772.2	4122400	0.20856	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606792.2	4122400	0.19304	59.95	59.95	1.5	ANNUAL	SRCGP4	5
606812.2	4122400	0.17993	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606832.2	4122400	0.16843	59.63	59.63	1.5	ANNUAL	SRCGP4	5
605632.2	4122420	0.24541	56.36	56.36	1.5	ANNUAL	SRCGP4	5
605652.2	4122420	0.26336	56.42	56.42	1.5	ANNUAL	SRCGP4	5
605672.2	4122420	0.28311	56.71	56.71	1.5	ANNUAL	SRCGP4	5
605692.2	4122420	0.30525	56.78	56.78	1.5	ANNUAL	SRCGP4	5
605712.2	4122420	0.32997	56.82	56.82	1.5	ANNUAL	SRCGP4	5
605732.2	4122420	0.35707	57.47	57.47	1.5	ANNUAL	SRCGP4	5
605752.2	4122420	0.38624	59.24	59.24	1.5	ANNUAL	SRCGP4	5
605772.2	4122420	0.42041	59.59	59.59	1.5	ANNUAL	SRCGP4	5
605792.2	4122420	0.45936	59.56	59.56	1.5	ANNUAL	SRCGP4	5
605812.2	4122420	0.50327	59.53	59.53	1.5	ANNUAL	SRCGP4	5
605832.2	4122420	0.55305	59.36	59.36	1.5	ANNUAL	SRCGP4	5
605852.2	4122420	0.60924	59.19	59.19	1.5	ANNUAL	SRCGP4	5
605872.2	4122420	0.67358	58.56	59.97	1.5	ANNUAL	SRCGP4	5
605892.2	4122420	0.74586	58.02	59.56	1.5	ANNUAL	SRCGP4	5
605912.2	4122420	0.8275	57.26	57.26	1.5	ANNUAL	SRCGP4	5
606452.2	4122420	1.15042	59.4	59.4	1.5	ANNUAL	SRCGP4	5
606472.2	4122420	1.00349	59.54	59.54	1.5	ANNUAL	SRCGP4	5
606492.2	4122420	0.86849	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606512.2	4122420	0.7498	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606532.2	4122420	0.65179	59.29	59.29	1.5	ANNUAL	SRCGP4	5
606552.2	4122420	0.5693	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606632.2	4122420	0.36871	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606652.2	4122420	0.33479	59.81	59.81	1.5	ANNUAL	SRCGP4	5
606672.2	4122420	0.3057	59.57	59.57	1.5	ANNUAL	SRCGP4	5
606692.2	4122420	0.27899	59.86	59.86	1.5	ANNUAL	SRCGP4	5
606712.2	4122420	0.25567	59.77	59.77	1.5	ANNUAL	SRCGP4	5
606732.2	4122420	0.23456	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606752.2	4122420	0.21569	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606772.2	4122420	0.19893	59.9	59.9	1.5	ANNUAL	SRCGP4	5
606852.2	4122420	0.14999	59.41	59.41	1.5	ANNUAL	SRCGP4	5
606872.2	4122420	0.14125	59.51	59.51	1.5	ANNUAL	SRCGP4	5
606892.2	4122420	0.13372	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606912.2	4122420	0.12735	59.15	59.15	1.5	ANNUAL	SRCGP4	5
605632.2	4122440	0.26199	56.46	56.46	1.5	ANNUAL	SRCGP4	5
605652.2	4122440	0.28124	56.76	56.76	1.5	ANNUAL	SRCGP4	5
605672.2	4122440	0.30266	56.96	56.96	1.5	ANNUAL	SRCGP4	5
605692.2	4122440	0.32659	56.98	56.98	1.5	ANNUAL	SRCGP4	5
605712.2	4122440	0.3533	56.95	56.95	1.5	ANNUAL	SRCGP4	5
605732.2	4122440	0.3826	57.48	57.48	1.5	ANNUAL	SRCGP4	5
605752.2	4122440	0.41479	58.5	58.96	1.5	ANNUAL	SRCGP4	5
605772.2	4122440	0.45173	58.64	59.06	1.5	ANNUAL	SRCGP4	5
605792.2	4122440	0.49342	58.54	58.54	1.5	ANNUAL	SRCGP4	5
605812.2	4122440	0.54035	58.29	58.29	1.5	ANNUAL	SRCGP4	5
605832.2	4122440	0.59294	58.03	58.03	1.5	ANNUAL	SRCGP4	5
605852.2	4122440	0.65198	57.63	57.63	1.5	ANNUAL	SRCGP4	5
605872.2	4122440	0.71817	57.03	57.03	1.5	ANNUAL	SRCGP4	5
605892.2	4122440	0.79038	57.01	57.01	1.5	ANNUAL	SRCGP4	5
606452.2	4122440	1.00873	59.7	59.7	1.5	ANNUAL	SRCGP4	5
606472.2	4122440	0.88987	59.64	59.64	1.5	ANNUAL	SRCGP4	5
606492.2	4122440	0.7789	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606552.2	4122440	0.5208	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606612.2	4122440	0.37643	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606632.2	4122440	0.34302	59.79	59.79	1.5	ANNUAL	SRCGP4	5
606652.2	4122440	0.31355	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606672.2	4122440	0.28775	59.45	59.45	1.5	ANNUAL	SRCGP4	5
606692.2	4122440	0.26375	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606712.2	4122440	0.24262	59.9	59.9	1.5	ANNUAL	SRCGP4	5

606732.2	4122440	0.22365	59.85	59.85	1.5	ANNUAL	SRCGP4	5
606812.2	4122440	0.16442	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606832.2	4122440	0.15323	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606852.2	4122440	0.14337	59.51	59.51	1.5	ANNUAL	SRCGP4	5
606872.2	4122440	0.13473	59.4	59.4	1.5	ANNUAL	SRCGP4	5
606892.2	4122440	0.12709	59.43	59.43	1.5	ANNUAL	SRCGP4	5
606912.2	4122440	0.12058	59.09	59.09	1.5	ANNUAL	SRCGP4	5
605632.2	4122460	0.2792	56.44	56.44	1.5	ANNUAL	SRCGP4	5
605652.2	4122460	0.29996	56.68	56.68	1.5	ANNUAL	SRCGP4	5
605672.2	4122460	0.32306	56.74	56.74	1.5	ANNUAL	SRCGP4	5
605692.2	4122460	0.34874	56.75	56.75	1.5	ANNUAL	SRCGP4	5
605712.2	4122460	0.37712	56.95	56.95	1.5	ANNUAL	SRCGP4	5
605732.2	4122460	0.4086	57.23	57.23	1.5	ANNUAL	SRCGP4	5
605752.2	4122460	0.44385	57.28	57.28	1.5	ANNUAL	SRCGP4	5
605772.2	4122460	0.48321	57.22	57.22	1.5	ANNUAL	SRCGP4	5
605792.2	4122460	0.52701	57.15	57.15	1.5	ANNUAL	SRCGP4	5
605812.2	4122460	0.5756	57.11	57.11	1.5	ANNUAL	SRCGP4	5
605832.2	4122460	0.6296	56.95	56.95	1.5	ANNUAL	SRCGP4	5
606392.2	4122460	1.20579	58.98	58.98	1.5	ANNUAL	SRCGP4	5
606412.2	4122460	1.10294	59.13	59.13	1.5	ANNUAL	SRCGP4	5
606432.2	4122460	0.99835	59.33	59.33	1.5	ANNUAL	SRCGP4	5
606552.2	4122460	0.47722	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606572.2	4122460	0.42605	59.86	59.86	1.5	ANNUAL	SRCGP4	5
606592.2	4122460	0.38391	60.06	60.06	1.5	ANNUAL	SRCGP4	5
606612.2	4122460	0.34922	60.12	60.12	1.5	ANNUAL	SRCGP4	5
606632.2	4122460	0.31997	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606652.2	4122460	0.29409	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606672.2	4122460	0.27085	59.54	59.54	1.5	ANNUAL	SRCGP4	5
606752.2	4122460	0.19796	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606772.2	4122460	0.18346	59.72	59.72	1.5	ANNUAL	SRCGP4	5
606792.2	4122460	0.17046	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606812.2	4122460	0.15845	59.77	59.77	1.5	ANNUAL	SRCGP4	5
606832.2	4122460	0.14785	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606852.2	4122460	0.13818	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606872.2	4122460	0.12968	59.41	59.41	1.5	ANNUAL	SRCGP4	5
606892.2	4122460	0.12197	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606912.2	4122460	0.11539	59.15	59.15	1.5	ANNUAL	SRCGP4	5
606332.2	4122480	1.29368	58.58	58.58	1.5	ANNUAL	SRCGP4	5
606352.2	4122480	1.21693	59.06	59.06	1.5	ANNUAL	SRCGP4	5
606372.2	4122480	1.13838	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606392.2	4122480	1.05628	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606412.2	4122480	0.97172	59.08	59.08	1.5	ANNUAL	SRCGP4	5
606432.2	4122480	0.8862	59.12	59.12	1.5	ANNUAL	SRCGP4	5
606452.2	4122480	0.79998	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606472.2	4122480	0.71555	60.03	60.03	1.5	ANNUAL	SRCGP4	5
606512.2	4122480	0.56116	60.22	60.22	1.5	ANNUAL	SRCGP4	5
606532.2	4122480	0.49553	60.18	60.18	1.5	ANNUAL	SRCGP4	5
606552.2	4122480	0.4401	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606572.2	4122480	0.39416	59.99	59.99	1.5	ANNUAL	SRCGP4	5
606592.2	4122480	0.35634	60.09	60.09	1.5	ANNUAL	SRCGP4	5
606612.2	4122480	0.32576	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606672.2	4122480	0.25543	59.49	59.49	1.5	ANNUAL	SRCGP4	5
606692.2	4122480	0.23633	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606712.2	4122480	0.21939	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606732.2	4122480	0.20354	59.91	59.91	1.5	ANNUAL	SRCGP4	5
606752.2	4122480	0.1894	59.82	59.82	1.5	ANNUAL	SRCGP4	5
606772.2	4122480	0.17618	60	60	1.5	ANNUAL	SRCGP4	5
606792.2	4122480	0.16416	59.96	59.96	1.5	ANNUAL	SRCGP4	5
606812.2	4122480	0.1531	59.93	59.93	1.5	ANNUAL	SRCGP4	5
606832.2	4122480	0.14315	59.6	59.6	1.5	ANNUAL	SRCGP4	5
606852.2	4122480	0.13389	59.66	59.66	1.5	ANNUAL	SRCGP4	5
606872.2	4122480	0.12562	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606892.2	4122480	0.11807	59.53	59.53	1.5	ANNUAL	SRCGP4	5

606912.2	4122480	0.11143	59.25	59.25	1.5	ANNUAL	SRCGP4	5
606332.2	4122500	1.13499	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606372.2	4122500	1.00306	59.23	59.23	1.5	ANNUAL	SRCGP4	5
606392.2	4122500	0.93409	59.06	59.06	1.5	ANNUAL	SRCGP4	5
606412.2	4122500	0.86297	59.06	59.06	1.5	ANNUAL	SRCGP4	5
606432.2	4122500	0.79214	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606472.2	4122500	0.64892	59.97	59.97	1.5	ANNUAL	SRCGP4	5
606492.2	4122500	0.58048	60.12	60.12	1.5	ANNUAL	SRCGP4	5
606512.2	4122500	0.51669	59.9	59.9	1.5	ANNUAL	SRCGP4	5
606532.2	4122500	0.45919	59.62	59.62	1.5	ANNUAL	SRCGP4	5
606632.2	4122500	0.28065	59.6	59.6	1.5	ANNUAL	SRCGP4	5
606652.2	4122500	0.25963	59.7	59.7	1.5	ANNUAL	SRCGP4	5
606672.2	4122500	0.24075	59.82	59.82	1.5	ANNUAL	SRCGP4	5
606692.2	4122500	0.22376	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606712.2	4122500	0.2083	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606732.2	4122500	0.19429	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606752.2	4122500	0.18125	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606772.2	4122500	0.16941	59.95	59.95	1.5	ANNUAL	SRCGP4	5
606792.2	4122500	0.15853	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606812.2	4122500	0.14819	59.82	59.82	1.5	ANNUAL	SRCGP4	5
606832.2	4122500	0.13879	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606852.2	4122500	0.13017	59.45	59.45	1.5	ANNUAL	SRCGP4	5
606872.2	4122500	0.12214	59.53	59.53	1.5	ANNUAL	SRCGP4	5
606892.2	4122500	0.11481	59.62	59.62	1.5	ANNUAL	SRCGP4	5
606912.2	4122500	0.10829	59.34	59.34	1.5	ANNUAL	SRCGP4	5
606272.2	4122520	1.14994	58.54	58.54	1.5	ANNUAL	SRCGP4	5
606292.2	4122520	1.10474	59.05	59.05	1.5	ANNUAL	SRCGP4	5
606392.2	4122520	0.83158	59.17	59.17	1.5	ANNUAL	SRCGP4	5
606412.2	4122520	0.77171	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606432.2	4122520	0.71206	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606472.2	4122520	0.59244	59.65	59.65	1.5	ANNUAL	SRCGP4	5
606552.2	4122520	0.381	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606572.2	4122520	0.34269	59.52	59.52	1.5	ANNUAL	SRCGP4	5
606592.2	4122520	0.31108	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606612.2	4122520	0.28515	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606632.2	4122520	0.26346	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606652.2	4122520	0.24464	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606672.2	4122520	0.22739	59.96	59.96	1.5	ANNUAL	SRCGP4	5
606692.2	4122520	0.21195	60.11	60.11	1.5	ANNUAL	SRCGP4	5
606712.2	4122520	0.19812	59.95	59.95	1.5	ANNUAL	SRCGP4	5
606732.2	4122520	0.18561	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606752.2	4122520	0.1737	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606772.2	4122520	0.16301	59.63	59.63	1.5	ANNUAL	SRCGP4	5
606792.2	4122520	0.153	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606812.2	4122520	0.14359	59.39	59.39	1.5	ANNUAL	SRCGP4	5
606832.2	4122520	0.13468	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606852.2	4122520	0.12656	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606872.2	4122520	0.11892	59.64	59.64	1.5	ANNUAL	SRCGP4	5
606892.2	4122520	0.11191	59.76	59.76	1.5	ANNUAL	SRCGP4	5
606272.2	4122540	1.02358	59	59	1.5	ANNUAL	SRCGP4	5
606292.2	4122540	0.98506	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606312.2	4122540	0.94367	58.98	58.98	1.5	ANNUAL	SRCGP4	5
606332.2	4122540	0.89854	58.82	58.82	1.5	ANNUAL	SRCGP4	5
606352.2	4122540	0.84814	59.17	59.17	1.5	ANNUAL	SRCGP4	5
606372.2	4122540	0.79714	59.19	59.19	1.5	ANNUAL	SRCGP4	5
606392.2	4122540	0.74582	59.14	59.14	1.5	ANNUAL	SRCGP4	5
606412.2	4122540	0.69478	59.1	59.1	1.5	ANNUAL	SRCGP4	5
606432.2	4122540	0.64416	59.15	59.15	1.5	ANNUAL	SRCGP4	5
606492.2	4122540	0.493	59.26	59.26	1.5	ANNUAL	SRCGP4	5
606512.2	4122540	0.44304	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606532.2	4122540	0.39698	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606552.2	4122540	0.35577	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606572.2	4122540	0.32092	59.5	59.5	1.5	ANNUAL	SRCGP4	5

606592.2	4122540	0.29165	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606612.2	4122540	0.26727	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606632.2	4122540	0.24786	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606652.2	4122540	0.23062	59.65	59.65	1.5	ANNUAL	SRCGP4	5
606672.2	4122540	0.21541	59.68	59.68	1.5	ANNUAL	SRCGP4	5
606692.2	4122540	0.20146	59.81	59.81	1.5	ANNUAL	SRCGP4	5
606712.2	4122540	0.18876	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606732.2	4122540	0.17736	59.44	59.44	1.5	ANNUAL	SRCGP4	5
606752.2	4122540	0.16662	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606772.2	4122540	0.15668	59.52	59.52	1.5	ANNUAL	SRCGP4	5
606792.2	4122540	0.1474	59.6	59.6	1.5	ANNUAL	SRCGP4	5
606812.2	4122540	0.13881	59.46	59.46	1.5	ANNUAL	SRCGP4	5
606832.2	4122540	0.13059	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606852.2	4122540	0.12299	59.64	59.64	1.5	ANNUAL	SRCGP4	5
606872.2	4122540	0.11592	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606892.2	4122540	0.10931	59.59	59.59	1.5	ANNUAL	SRCGP4	5
605632.2	4122560	0.36719	56.47	56.47	1.5	ANNUAL	SRCGP4	5
605652.2	4122560	0.39325	56.51	56.51	1.5	ANNUAL	SRCGP4	5
605672.2	4122560	0.42122	56.69	56.69	1.5	ANNUAL	SRCGP4	5
605692.2	4122560	0.45148	56.62	56.62	1.5	ANNUAL	SRCGP4	5
605712.2	4122560	0.48374	56.64	56.64	1.5	ANNUAL	SRCGP4	5
605732.2	4122560	0.51807	56.66	56.66	1.5	ANNUAL	SRCGP4	5
605752.2	4122560	0.55438	56.66	56.66	1.5	ANNUAL	SRCGP4	5
605772.2	4122560	0.59236	56.76	56.76	1.5	ANNUAL	SRCGP4	5
605792.2	4122560	0.63205	56.72	56.72	1.5	ANNUAL	SRCGP4	5
605812.2	4122560	0.67275	56.79	56.79	1.5	ANNUAL	SRCGP4	5
605832.2	4122560	0.7142	56.82	56.82	1.5	ANNUAL	SRCGP4	5
605852.2	4122560	0.75586	56.81	56.81	1.5	ANNUAL	SRCGP4	5
606292.2	4122560	0.88464	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606312.2	4122560	0.84707	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606332.2	4122560	0.80636	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606352.2	4122560	0.76265	58.98	58.98	1.5	ANNUAL	SRCGP4	5
606492.2	4122560	0.45582	59.36	59.36	1.5	ANNUAL	SRCGP4	5
606512.2	4122560	0.41206	59.54	59.54	1.5	ANNUAL	SRCGP4	5
606532.2	4122560	0.37114	59.41	59.41	1.5	ANNUAL	SRCGP4	5
606552.2	4122560	0.33354	59.67	59.67	1.5	ANNUAL	SRCGP4	5
606572.2	4122560	0.30114	59.79	59.79	1.5	ANNUAL	SRCGP4	5
606592.2	4122560	0.27408	59.77	59.77	1.5	ANNUAL	SRCGP4	5
606612.2	4122560	0.25161	59.87	59.87	1.5	ANNUAL	SRCGP4	5
606632.2	4122560	0.23362	59.45	59.45	1.5	ANNUAL	SRCGP4	5
606652.2	4122560	0.21783	59.63	59.63	1.5	ANNUAL	SRCGP4	5
606672.2	4122560	0.20413	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606692.2	4122560	0.19157	59.63	59.63	1.5	ANNUAL	SRCGP4	5
606712.2	4122560	0.18004	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606732.2	4122560	0.16929	59.7	59.7	1.5	ANNUAL	SRCGP4	5
606752.2	4122560	0.15948	59.71	59.71	1.5	ANNUAL	SRCGP4	5
606772.2	4122560	0.15045	59.65	59.65	1.5	ANNUAL	SRCGP4	5
606792.2	4122560	0.14194	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606812.2	4122560	0.13407	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606832.2	4122560	0.12663	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606852.2	4122560	0.11954	59.66	59.66	1.5	ANNUAL	SRCGP4	5
606872.2	4122560	0.11293	59.58	59.58	1.5	ANNUAL	SRCGP4	5
605632.2	4122580	0.38286	56.22	56.22	1.5	ANNUAL	SRCGP4	5
605652.2	4122580	0.40901	56.26	56.26	1.5	ANNUAL	SRCGP4	5
605672.2	4122580	0.43684	56.39	56.39	1.5	ANNUAL	SRCGP4	5
605692.2	4122580	0.46658	56.29	56.29	1.5	ANNUAL	SRCGP4	5
605712.2	4122580	0.49786	56.36	56.36	1.5	ANNUAL	SRCGP4	5
605732.2	4122580	0.53081	56.33	56.33	1.5	ANNUAL	SRCGP4	5
605752.2	4122580	0.5651	56.33	56.33	1.5	ANNUAL	SRCGP4	5
605772.2	4122580	0.60035	56.48	56.48	1.5	ANNUAL	SRCGP4	5
605792.2	4122580	0.63653	56.51	56.51	1.5	ANNUAL	SRCGP4	5
605812.2	4122580	0.67311	56.51	56.51	1.5	ANNUAL	SRCGP4	5
605832.2	4122580	0.70948	56.56	56.56	1.5	ANNUAL	SRCGP4	5

605852.2	4122580	0.74519	56.58	56.58	1.5	ANNUAL	SRCGP4	5
605872.2	4122580	0.77954	56.62	56.62	1.5	ANNUAL	SRCGP4	5
605892.2	4122580	0.81202	56.62	56.62	1.5	ANNUAL	SRCGP4	5
605912.2	4122580	0.84195	56.61	56.61	1.5	ANNUAL	SRCGP4	5
605932.2	4122580	0.86877	56.61	56.61	1.5	ANNUAL	SRCGP4	5
606252.2	4122580	0.8573	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606272.2	4122580	0.82861	59.03	59.03	1.5	ANNUAL	SRCGP4	5
606292.2	4122580	0.79797	59.03	59.03	1.5	ANNUAL	SRCGP4	5
606312.2	4122580	0.76411	59.1	59.1	1.5	ANNUAL	SRCGP4	5
606472.2	4122580	0.46129	59.36	59.36	1.5	ANNUAL	SRCGP4	5
606492.2	4122580	0.42287	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606512.2	4122580	0.38424	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606532.2	4122580	0.34805	59.36	59.36	1.5	ANNUAL	SRCGP4	5
606552.2	4122580	0.31357	59.85	59.85	1.5	ANNUAL	SRCGP4	5
606572.2	4122580	0.28381	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606592.2	4122580	0.2585	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606612.2	4122580	0.2379	59.51	59.51	1.5	ANNUAL	SRCGP4	5
606632.2	4122580	0.2206	59.52	59.52	1.5	ANNUAL	SRCGP4	5
606652.2	4122580	0.20614	59.54	59.54	1.5	ANNUAL	SRCGP4	5
606672.2	4122580	0.19359	59.56	59.56	1.5	ANNUAL	SRCGP4	5
606692.2	4122580	0.18205	59.83	59.83	1.5	ANNUAL	SRCGP4	5
606712.2	4122580	0.17161	59.75	59.75	1.5	ANNUAL	SRCGP4	5
606732.2	4122580	0.16191	59.65	59.65	1.5	ANNUAL	SRCGP4	5
606752.2	4122580	0.15292	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606772.2	4122580	0.14463	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606792.2	4122580	0.13688	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606812.2	4122580	0.12957	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606832.2	4122580	0.12272	59.53	59.53	1.5	ANNUAL	SRCGP4	5
606852.2	4122580	0.11617	59.6	59.6	1.5	ANNUAL	SRCGP4	5
606992.2	4122580	0.08023	59.46	59.46	1.5	ANNUAL	SRCGP4	5
607012.2	4122580	0.0764	59.39	59.39	1.5	ANNUAL	SRCGP4	5
607032.2	4122580	0.07282	59.45	59.45	1.5	ANNUAL	SRCGP4	5
607052.2	4122580	0.06964	58.85	58.85	1.5	ANNUAL	SRCGP4	5
605932.2	4122600	0.82461	56.42	56.42	1.5	ANNUAL	SRCGP4	5
606252.2	4122600	0.77732	58.95	58.95	1.5	ANNUAL	SRCGP4	5
606272.2	4122600	0.75078	59.29	59.29	1.5	ANNUAL	SRCGP4	5
606292.2	4122600	0.72327	59.23	59.23	1.5	ANNUAL	SRCGP4	5
606312.2	4122600	0.6931	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606412.2	4122600	0.52398	59.03	59.03	1.5	ANNUAL	SRCGP4	5
606432.2	4122600	0.49219	59.02	59.02	1.5	ANNUAL	SRCGP4	5
606452.2	4122600	0.46037	59.07	59.07	1.5	ANNUAL	SRCGP4	5
606472.2	4122600	0.42795	59.05	59.05	1.5	ANNUAL	SRCGP4	5
606492.2	4122600	0.39386	59.45	59.45	1.5	ANNUAL	SRCGP4	5
606512.2	4122600	0.36009	59.44	59.44	1.5	ANNUAL	SRCGP4	5
606532.2	4122600	0.32706	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606552.2	4122600	0.29642	59.43	59.43	1.5	ANNUAL	SRCGP4	5
606572.2	4122600	0.26904	59.31	59.31	1.5	ANNUAL	SRCGP4	5
606592.2	4122600	0.24511	59.49	59.49	1.5	ANNUAL	SRCGP4	5
606612.2	4122600	0.22523	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606632.2	4122600	0.20884	59.55	59.55	1.5	ANNUAL	SRCGP4	5
606652.2	4122600	0.19539	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606672.2	4122600	0.18377	59.59	59.59	1.5	ANNUAL	SRCGP4	5
606692.2	4122600	0.17329	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606712.2	4122600	0.16404	59.35	59.35	1.5	ANNUAL	SRCGP4	5
606992.2	4122600	0.07885	59.59	59.59	1.5	ANNUAL	SRCGP4	5
607012.2	4122600	0.07512	59.66	59.66	1.5	ANNUAL	SRCGP4	5
607032.2	4122600	0.07165	59.69	59.69	1.5	ANNUAL	SRCGP4	5
607052.2	4122600	0.06857	58.78	58.78	1.5	ANNUAL	SRCGP4	5
605632.2	4122620	0.40809	56.39	56.39	1.5	ANNUAL	SRCGP4	5
605652.2	4122620	0.43303	56.39	56.39	1.5	ANNUAL	SRCGP4	5
605672.2	4122620	0.45901	56.48	56.48	1.5	ANNUAL	SRCGP4	5
605692.2	4122620	0.48606	56.45	56.45	1.5	ANNUAL	SRCGP4	5
605712.2	4122620	0.514	56.35	56.35	1.5	ANNUAL	SRCGP4	5

605752.2	4122620	0.57119	56.02	56.02	1.5	ANNUAL	SRCGP4	5
605772.2	4122620	0.59983	56.24	56.24	1.5	ANNUAL	SRCGP4	5
605792.2	4122620	0.62801	56.3	56.3	1.5	ANNUAL	SRCGP4	5
605812.2	4122620	0.65526	56.37	56.37	1.5	ANNUAL	SRCGP4	5
605832.2	4122620	0.68123	56.42	56.42	1.5	ANNUAL	SRCGP4	5
605852.2	4122620	0.70559	56.4	56.4	1.5	ANNUAL	SRCGP4	5
605872.2	4122620	0.72786	56.37	56.37	1.5	ANNUAL	SRCGP4	5
605892.2	4122620	0.74771	56.32	56.32	1.5	ANNUAL	SRCGP4	5
605932.2	4122620	0.7788	56.38	56.38	1.5	ANNUAL	SRCGP4	5
606232.2	4122620	0.73007	58.93	58.93	1.5	ANNUAL	SRCGP4	5
606252.2	4122620	0.70796	59.02	59.02	1.5	ANNUAL	SRCGP4	5
606272.2	4122620	0.68462	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606292.2	4122620	0.65924	59.18	59.18	1.5	ANNUAL	SRCGP4	5
606312.2	4122620	0.63167	59.06	59.06	1.5	ANNUAL	SRCGP4	5
606352.2	4122620	0.57037	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606372.2	4122620	0.53954	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606412.2	4122620	0.48153	58.93	58.93	1.5	ANNUAL	SRCGP4	5
606432.2	4122620	0.45413	58.82	58.82	1.5	ANNUAL	SRCGP4	5
606452.2	4122620	0.42687	58.61	58.61	1.5	ANNUAL	SRCGP4	5
606472.2	4122620	0.39838	58.66	58.66	1.5	ANNUAL	SRCGP4	5
606492.2	4122620	0.36788	59.41	59.41	1.5	ANNUAL	SRCGP4	5
606512.2	4122620	0.33767	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606532.2	4122620	0.3082	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606552.2	4122620	0.28046	59.4	59.4	1.5	ANNUAL	SRCGP4	5
606572.2	4122620	0.25497	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606592.2	4122620	0.23277	59.4	59.4	1.5	ANNUAL	SRCGP4	5
606612.2	4122620	0.21396	59.34	59.34	1.5	ANNUAL	SRCGP4	5
606632.2	4122620	0.19834	59.39	59.39	1.5	ANNUAL	SRCGP4	5
606652.2	4122620	0.18559	59.34	59.34	1.5	ANNUAL	SRCGP4	5
606672.2	4122620	0.1746	59.73	59.73	1.5	ANNUAL	SRCGP4	5
606692.2	4122620	0.16556	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606992.2	4122620	0.07752	59.57	59.57	1.5	ANNUAL	SRCGP4	5
607012.2	4122620	0.07392	59.71	59.71	1.5	ANNUAL	SRCGP4	5
607032.2	4122620	0.07057	59.74	59.74	1.5	ANNUAL	SRCGP4	5
607052.2	4122620	0.06748	59.48	59.48	1.5	ANNUAL	SRCGP4	5
605632.2	4122640	0.41722	56.2	56.2	1.5	ANNUAL	SRCGP4	5
605652.2	4122640	0.44098	56.31	56.31	1.5	ANNUAL	SRCGP4	5
605672.2	4122640	0.46544	56.4	56.4	1.5	ANNUAL	SRCGP4	5
605692.2	4122640	0.49062	56.35	56.35	1.5	ANNUAL	SRCGP4	5
605712.2	4122640	0.51613	56.35	56.35	1.5	ANNUAL	SRCGP4	5
605752.2	4122640	0.5673	56.05	56.05	1.5	ANNUAL	SRCGP4	5
605772.2	4122640	0.59221	56.3	56.3	1.5	ANNUAL	SRCGP4	5
605792.2	4122640	0.61614	56.39	56.39	1.5	ANNUAL	SRCGP4	5
605812.2	4122640	0.63873	56.55	56.55	1.5	ANNUAL	SRCGP4	5
605832.2	4122640	0.65994	56.54	56.54	1.5	ANNUAL	SRCGP4	5
605852.2	4122640	0.67926	56.52	56.52	1.5	ANNUAL	SRCGP4	5
605872.2	4122640	0.69611	56.68	56.68	1.5	ANNUAL	SRCGP4	5
605892.2	4122640	0.71107	56.51	56.51	1.5	ANNUAL	SRCGP4	5
605932.2	4122640	0.73323	56.32	56.32	1.5	ANNUAL	SRCGP4	5
606232.2	4122640	0.66752	59.03	59.03	1.5	ANNUAL	SRCGP4	5
606252.2	4122640	0.64769	59.05	59.05	1.5	ANNUAL	SRCGP4	5
606272.2	4122640	0.62662	59.07	59.07	1.5	ANNUAL	SRCGP4	5
606292.2	4122640	0.60341	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606312.2	4122640	0.57799	59.03	59.03	1.5	ANNUAL	SRCGP4	5
606352.2	4122640	0.52254	58.98	58.98	1.5	ANNUAL	SRCGP4	5
606412.2	4122640	0.44421	58.87	58.87	1.5	ANNUAL	SRCGP4	5
606432.2	4122640	0.42036	58.74	58.74	1.5	ANNUAL	SRCGP4	5
606452.2	4122640	0.39634	58.67	58.67	1.5	ANNUAL	SRCGP4	5
606472.2	4122640	0.37128	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606492.2	4122640	0.34483	59.12	59.12	1.5	ANNUAL	SRCGP4	5
606512.2	4122640	0.31786	59.4	59.4	1.5	ANNUAL	SRCGP4	5
606532.2	4122640	0.29113	59.61	59.61	1.5	ANNUAL	SRCGP4	5
606552.2	4122640	0.26605	59.29	59.29	1.5	ANNUAL	SRCGP4	5

606572.2	4122640	0.24241	59.46	59.46	1.5	ANNUAL	SRCGP4	5
606592.2	4122640	0.22163	59.33	59.33	1.5	ANNUAL	SRCGP4	5
606612.2	4122640	0.20357	59.48	59.48	1.5	ANNUAL	SRCGP4	5
606632.2	4122640	0.18883	59.24	59.24	1.5	ANNUAL	SRCGP4	5
606652.2	4122640	0.17653	59.35	59.35	1.5	ANNUAL	SRCGP4	5
606672.2	4122640	0.16673	58.82	58.82	1.5	ANNUAL	SRCGP4	5
606732.2	4122640	0.1426	58.7	58.7	1.5	ANNUAL	SRCGP4	5
606752.2	4122640	0.13552	58.71	58.71	1.5	ANNUAL	SRCGP4	5
606772.2	4122640	0.12887	58.71	58.71	1.5	ANNUAL	SRCGP4	5
606852.2	4122640	0.10646	58.74	58.74	1.5	ANNUAL	SRCGP4	5
606872.2	4122640	0.10159	58.68	58.68	1.5	ANNUAL	SRCGP4	5
606992.2	4122640	0.07619	59.6	59.6	1.5	ANNUAL	SRCGP4	5
607012.2	4122640	0.07274	59.74	59.74	1.5	ANNUAL	SRCGP4	5
607032.2	4122640	0.06952	59.77	59.77	1.5	ANNUAL	SRCGP4	5
607052.2	4122640	0.0665	59.79	59.79	1.5	ANNUAL	SRCGP4	5
605632.2	4122660	0.42363	55.89	55.89	1.5	ANNUAL	SRCGP4	5
605652.2	4122660	0.44593	56.02	56.02	1.5	ANNUAL	SRCGP4	5
605672.2	4122660	0.46867	56.08	56.08	1.5	ANNUAL	SRCGP4	5
605692.2	4122660	0.49164	56.11	56.11	1.5	ANNUAL	SRCGP4	5
605712.2	4122660	0.5146	56.06	56.06	1.5	ANNUAL	SRCGP4	5
605752.2	4122660	0.5594	55.86	55.86	1.5	ANNUAL	SRCGP4	5
605772.2	4122660	0.58063	56.09	56.09	1.5	ANNUAL	SRCGP4	5
605792.2	4122660	0.60067	56.18	56.18	1.5	ANNUAL	SRCGP4	5
605812.2	4122660	0.61913	56.38	56.38	1.5	ANNUAL	SRCGP4	5
605832.2	4122660	0.63608	56.3	56.3	1.5	ANNUAL	SRCGP4	5
605852.2	4122660	0.65085	56.39	56.39	1.5	ANNUAL	SRCGP4	5
605872.2	4122660	0.66335	56.58	56.58	1.5	ANNUAL	SRCGP4	5
605892.2	4122660	0.67392	56.56	56.56	1.5	ANNUAL	SRCGP4	5
605932.2	4122660	0.68893	56.27	56.27	1.5	ANNUAL	SRCGP4	5
606252.2	4122660	0.59502	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606272.2	4122660	0.57561	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606292.2	4122660	0.55428	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606312.2	4122660	0.53085	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606352.2	4122660	0.4805	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606412.2	4122660	0.41118	58.88	58.88	1.5	ANNUAL	SRCGP4	5
606432.2	4122660	0.39021	58.82	58.82	1.5	ANNUAL	SRCGP4	5
606452.2	4122660	0.36888	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606472.2	4122660	0.34699	58.85	58.85	1.5	ANNUAL	SRCGP4	5
606492.2	4122660	0.32406	58.76	58.76	1.5	ANNUAL	SRCGP4	5
606512.2	4122660	0.2995	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606532.2	4122660	0.27569	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606552.2	4122660	0.25261	59.47	59.47	1.5	ANNUAL	SRCGP4	5
606572.2	4122660	0.23125	59.13	59.13	1.5	ANNUAL	SRCGP4	5
606592.2	4122660	0.21153	59.29	59.29	1.5	ANNUAL	SRCGP4	5
606612.2	4122660	0.19448	59.25	59.25	1.5	ANNUAL	SRCGP4	5
606632.2	4122660	0.18013	59.24	59.24	1.5	ANNUAL	SRCGP4	5
606652.2	4122660	0.16823	59.44	59.44	1.5	ANNUAL	SRCGP4	5
606672.2	4122660	0.15895	58.79	58.79	1.5	ANNUAL	SRCGP4	5
606712.2	4122660	0.14361	58.53	58.53	1.5	ANNUAL	SRCGP4	5
606732.2	4122660	0.13671	58.72	58.72	1.5	ANNUAL	SRCGP4	5
606752.2	4122660	0.1302	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606772.2	4122660	0.12404	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606792.2	4122660	0.11826	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606832.2	4122660	0.1079	58.78	58.78	1.5	ANNUAL	SRCGP4	5
606852.2	4122660	0.1032	58.78	58.78	1.5	ANNUAL	SRCGP4	5
606872.2	4122660	0.09867	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606892.2	4122660	0.09432	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606992.2	4122660	0.07487	59.64	59.64	1.5	ANNUAL	SRCGP4	5
607012.2	4122660	0.07156	59.77	59.77	1.5	ANNUAL	SRCGP4	5
607032.2	4122660	0.06847	59.77	59.77	1.5	ANNUAL	SRCGP4	5
605632.2	4122680	0.42736	55.67	55.67	1.5	ANNUAL	SRCGP4	5
605652.2	4122680	0.44796	55.72	55.72	1.5	ANNUAL	SRCGP4	5
605672.2	4122680	0.46868	55.77	55.77	1.5	ANNUAL	SRCGP4	5

605852.2	4122680	0.62104	56.07	56.07	1.5	ANNUAL	SRCGP4	5
605872.2	4122680	0.62977	56.62	56.62	1.5	ANNUAL	SRCGP4	5
605892.2	4122680	0.63687	56.71	56.71	1.5	ANNUAL	SRCGP4	5
605932.2	4122680	0.64669	56.25	56.25	1.5	ANNUAL	SRCGP4	5
605952.2	4122680	0.64866	56.78	56.78	1.5	ANNUAL	SRCGP4	5
605972.2	4122680	0.65032	57.09	57.09	1.5	ANNUAL	SRCGP4	5
606252.2	4122680	0.54854	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606272.2	4122680	0.53071	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606312.2	4122680	0.48922	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606352.2	4122680	0.44334	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606372.2	4122680	0.42147	58.95	58.95	1.5	ANNUAL	SRCGP4	5
606392.2	4122680	0.40126	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606412.2	4122680	0.38176	58.99	58.99	1.5	ANNUAL	SRCGP4	5
606432.2	4122680	0.36336	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606452.2	4122680	0.34468	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606472.2	4122680	0.32525	58.86	58.86	1.5	ANNUAL	SRCGP4	5
606492.2	4122680	0.30486	58.74	58.74	1.5	ANNUAL	SRCGP4	5
606512.2	4122680	0.28292	59.44	59.44	1.5	ANNUAL	SRCGP4	5
606532.2	4122680	0.26158	59.32	59.32	1.5	ANNUAL	SRCGP4	5
606552.2	4122680	0.24052	59.38	59.38	1.5	ANNUAL	SRCGP4	5
606572.2	4122680	0.22096	58.86	58.86	1.5	ANNUAL	SRCGP4	5
606592.2	4122680	0.20249	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606612.2	4122680	0.18614	59.19	59.19	1.5	ANNUAL	SRCGP4	5
606632.2	4122680	0.17215	59.44	59.44	1.5	ANNUAL	SRCGP4	5
606652.2	4122680	0.16078	59.36	59.36	1.5	ANNUAL	SRCGP4	5
606732.2	4122680	0.13115	58.66	58.66	1.5	ANNUAL	SRCGP4	5
606752.2	4122680	0.12518	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606772.2	4122680	0.1195	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606792.2	4122680	0.11411	58.73	58.73	1.5	ANNUAL	SRCGP4	5
606812.2	4122680	0.10907	58.76	58.76	1.5	ANNUAL	SRCGP4	5
606832.2	4122680	0.10434	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606852.2	4122680	0.09994	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606872.2	4122680	0.0958	59.05	59.05	1.5	ANNUAL	SRCGP4	5
606892.2	4122680	0.09183	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606992.2	4122680	0.07359	59.57	59.57	1.5	ANNUAL	SRCGP4	5
607012.2	4122680	0.07042	59.61	59.61	1.5	ANNUAL	SRCGP4	5
607032.2	4122680	0.06744	59.7	59.7	1.5	ANNUAL	SRCGP4	5
605632.2	4122700	0.42847	56.12	56.12	1.5	ANNUAL	SRCGP4	5
605652.2	4122700	0.4472	56.16	56.16	1.5	ANNUAL	SRCGP4	5
605672.2	4122700	0.46574	56.22	56.22	1.5	ANNUAL	SRCGP4	5
605692.2	4122700	0.48391	56.22	56.22	1.5	ANNUAL	SRCGP4	5
605712.2	4122700	0.50146	56.25	56.25	1.5	ANNUAL	SRCGP4	5
605752.2	4122700	0.53386	56.02	56.02	1.5	ANNUAL	SRCGP4	5
605772.2	4122700	0.54828	56.04	56.04	1.5	ANNUAL	SRCGP4	5
605792.2	4122700	0.56129	56.11	56.11	1.5	ANNUAL	SRCGP4	5
605812.2	4122700	0.57275	56.14	56.14	1.5	ANNUAL	SRCGP4	5
605852.2	4122700	0.5906	56.07	56.07	1.5	ANNUAL	SRCGP4	5
605872.2	4122700	0.59647	56.63	56.63	1.5	ANNUAL	SRCGP4	5
605892.2	4122700	0.60094	56.78	56.78	1.5	ANNUAL	SRCGP4	5
605932.2	4122700	0.60708	56.22	56.22	1.5	ANNUAL	SRCGP4	5
605952.2	4122700	0.6081	56.78	56.78	1.5	ANNUAL	SRCGP4	5
605972.2	4122700	0.60901	57.33	57.33	1.5	ANNUAL	SRCGP4	5
605992.2	4122700	0.61098	57.38	57.38	1.5	ANNUAL	SRCGP4	5
606012.2	4122700	0.61342	57.36	57.36	1.5	ANNUAL	SRCGP4	5
606032.2	4122700	0.61542	57.56	57.56	1.5	ANNUAL	SRCGP4	5
606112.2	4122700	0.60318	58.46	58.46	1.5	ANNUAL	SRCGP4	5
606132.2	4122700	0.59195	58.93	58.93	1.5	ANNUAL	SRCGP4	5
606412.2	4122700	0.35568	59	59	1.5	ANNUAL	SRCGP4	5
606432.2	4122700	0.33944	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606452.2	4122700	0.32291	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606472.2	4122700	0.30555	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606492.2	4122700	0.28728	58.86	58.86	1.5	ANNUAL	SRCGP4	5
606512.2	4122700	0.26804	59.04	59.04	1.5	ANNUAL	SRCGP4	5

606532.2	4122700	0.24847	59.29	59.29	1.5	ANNUAL	SRCGP4	5
606552.2	4122700	0.22949	59.11	59.11	1.5	ANNUAL	SRCGP4	5
606572.2	4122700	0.21131	58.83	58.83	1.5	ANNUAL	SRCGP4	5
606592.2	4122700	0.19399	59.12	59.12	1.5	ANNUAL	SRCGP4	5
606612.2	4122700	0.17849	59.25	59.25	1.5	ANNUAL	SRCGP4	5
606632.2	4122700	0.16514	59.26	59.26	1.5	ANNUAL	SRCGP4	5
606652.2	4122700	0.15398	59.33	59.33	1.5	ANNUAL	SRCGP4	5
606732.2	4122700	0.12582	58.72	58.72	1.5	ANNUAL	SRCGP4	5
606752.2	4122700	0.12041	58.72	58.72	1.5	ANNUAL	SRCGP4	5
606772.2	4122700	0.11519	58.69	58.69	1.5	ANNUAL	SRCGP4	5
606792.2	4122700	0.11015	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606812.2	4122700	0.10538	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606832.2	4122700	0.10094	59.08	59.08	1.5	ANNUAL	SRCGP4	5
606852.2	4122700	0.09683	59.14	59.14	1.5	ANNUAL	SRCGP4	5
606872.2	4122700	0.09302	58.97	58.97	1.5	ANNUAL	SRCGP4	5
605632.2	4122720	0.42712	55.87	55.87	1.5	ANNUAL	SRCGP4	5
605652.2	4122720	0.44385	55.98	55.98	1.5	ANNUAL	SRCGP4	5
605672.2	4122720	0.46017	56.08	56.08	1.5	ANNUAL	SRCGP4	5
605692.2	4122720	0.47583	56.34	56.34	1.5	ANNUAL	SRCGP4	5
605712.2	4122720	0.49078	56.25	56.25	1.5	ANNUAL	SRCGP4	5
605752.2	4122720	0.5175	56.1	56.1	1.5	ANNUAL	SRCGP4	5
605812.2	4122720	0.54758	56.43	56.43	1.5	ANNUAL	SRCGP4	5
605872.2	4122720	0.56404	56.64	56.64	1.5	ANNUAL	SRCGP4	5
605892.2	4122720	0.5666	56.83	56.83	1.5	ANNUAL	SRCGP4	5
605952.2	4122720	0.57097	56.89	56.89	1.5	ANNUAL	SRCGP4	5
605972.2	4122720	0.572	57.38	57.38	1.5	ANNUAL	SRCGP4	5
605992.2	4122720	0.57419	57.37	57.37	1.5	ANNUAL	SRCGP4	5
606112.2	4122720	0.56103	58.4	58.4	1.5	ANNUAL	SRCGP4	5
606132.2	4122720	0.54914	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606152.2	4122720	0.53675	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606172.2	4122720	0.5239	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606192.2	4122720	0.51132	58.65	58.65	1.5	ANNUAL	SRCGP4	5
606212.2	4122720	0.49848	58.68	58.68	1.5	ANNUAL	SRCGP4	5
606232.2	4122720	0.48526	58.79	58.79	1.5	ANNUAL	SRCGP4	5
606252.2	4122720	0.47098	59	59	1.5	ANNUAL	SRCGP4	5
606272.2	4122720	0.45532	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606292.2	4122720	0.43814	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606312.2	4122720	0.4195	58.95	58.95	1.5	ANNUAL	SRCGP4	5
606352.2	4122720	0.38149	58.82	58.82	1.5	ANNUAL	SRCGP4	5
606372.2	4122720	0.36386	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606412.2	4122720	0.33233	59.02	59.02	1.5	ANNUAL	SRCGP4	5
606432.2	4122720	0.31794	58.95	58.95	1.5	ANNUAL	SRCGP4	5
606452.2	4122720	0.30327	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606472.2	4122720	0.28774	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606492.2	4122720	0.27148	58.71	58.71	1.5	ANNUAL	SRCGP4	5
606512.2	4122720	0.25412	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606532.2	4122720	0.23645	59.14	59.14	1.5	ANNUAL	SRCGP4	5
606552.2	4122720	0.21914	59	59	1.5	ANNUAL	SRCGP4	5
606572.2	4122720	0.20222	59.05	59.05	1.5	ANNUAL	SRCGP4	5
606592.2	4122720	0.18626	59.05	59.05	1.5	ANNUAL	SRCGP4	5
606612.2	4122720	0.17163	59.1	59.1	1.5	ANNUAL	SRCGP4	5
606632.2	4122720	0.15883	59	59	1.5	ANNUAL	SRCGP4	5
606652.2	4122720	0.14802	58.88	58.88	1.5	ANNUAL	SRCGP4	5
606732.2	4122720	0.12077	58.73	58.73	1.5	ANNUAL	SRCGP4	5
606752.2	4122720	0.11584	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606772.2	4122720	0.11107	58.73	58.73	1.5	ANNUAL	SRCGP4	5
606792.2	4122720	0.10637	58.9	58.9	1.5	ANNUAL	SRCGP4	5
606812.2	4122720	0.1019	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606832.2	4122720	0.09774	59.03	59.03	1.5	ANNUAL	SRCGP4	5
606852.2	4122720	0.09387	59.01	59.01	1.5	ANNUAL	SRCGP4	5
607032.2	4122720	0.06546	59.05	59.05	1.5	ANNUAL	SRCGP4	5
605632.2	4122740	0.42346	55.37	55.37	1.5	ANNUAL	SRCGP4	5
605652.2	4122740	0.43816	55.45	55.45	1.5	ANNUAL	SRCGP4	5

605672.2	4122740	0.45226	55.81	55.81	1.5	ANNUAL	SRCGP4	5
605692.2	4122740	0.46559	56.06	56.06	1.5	ANNUAL	SRCGP4	5
605712.2	4122740	0.478	56.2	56.2	1.5	ANNUAL	SRCGP4	5
605752.2	4122740	0.49959	56.02	56.02	1.5	ANNUAL	SRCGP4	5
605812.2	4122740	0.52223	56.51	56.51	1.5	ANNUAL	SRCGP4	5
605872.2	4122740	0.53287	56.71	56.71	1.5	ANNUAL	SRCGP4	5
605892.2	4122740	0.53421	56.86	56.86	1.5	ANNUAL	SRCGP4	5
605952.2	4122740	0.53749	56.87	56.87	1.5	ANNUAL	SRCGP4	5
605972.2	4122740	0.53887	57.3	57.3	1.5	ANNUAL	SRCGP4	5
605992.2	4122740	0.54113	57.33	57.33	1.5	ANNUAL	SRCGP4	5
606112.2	4122740	0.52243	58.38	58.38	1.5	ANNUAL	SRCGP4	5
606132.2	4122740	0.51066	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606152.2	4122740	0.49864	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606172.2	4122740	0.48673	58.99	58.99	1.5	ANNUAL	SRCGP4	5
606192.2	4122740	0.47525	58.79	58.79	1.5	ANNUAL	SRCGP4	5
606212.2	4122740	0.46355	58.84	58.84	1.5	ANNUAL	SRCGP4	5
606232.2	4122740	0.45156	58.8	58.8	1.5	ANNUAL	SRCGP4	5
606252.2	4122740	0.4383	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606272.2	4122740	0.42374	58.9	58.9	1.5	ANNUAL	SRCGP4	5
606292.2	4122740	0.40748	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606312.2	4122740	0.39016	58.89	58.89	1.5	ANNUAL	SRCGP4	5
606352.2	4122740	0.35541	58.76	58.76	1.5	ANNUAL	SRCGP4	5
606392.2	4122740	0.32524	58.47	58.47	1.5	ANNUAL	SRCGP4	5
606412.2	4122740	0.31144	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606432.2	4122740	0.29869	58.83	58.83	1.5	ANNUAL	SRCGP4	5
606452.2	4122740	0.28549	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606472.2	4122740	0.27168	58.79	58.79	1.5	ANNUAL	SRCGP4	5
606492.2	4122740	0.25691	58.72	58.72	1.5	ANNUAL	SRCGP4	5
606512.2	4122740	0.24108	59.14	59.14	1.5	ANNUAL	SRCGP4	5
606532.2	4122740	0.22532	58.97	58.97	1.5	ANNUAL	SRCGP4	5
606552.2	4122740	0.20944	59	59	1.5	ANNUAL	SRCGP4	5
606572.2	4122740	0.19384	59.16	59.16	1.5	ANNUAL	SRCGP4	5
606592.2	4122740	0.17924	58.73	58.73	1.5	ANNUAL	SRCGP4	5
606612.2	4122740	0.16533	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606632.2	4122740	0.15296	58.98	58.98	1.5	ANNUAL	SRCGP4	5
606732.2	4122740	0.11594	58.86	58.86	1.5	ANNUAL	SRCGP4	5
606752.2	4122740	0.11143	58.85	58.85	1.5	ANNUAL	SRCGP4	5
606772.2	4122740	0.1071	58.81	58.81	1.5	ANNUAL	SRCGP4	5
606792.2	4122740	0.10279	58.97	58.97	1.5	ANNUAL	SRCGP4	5
606812.2	4122740	0.09864	58.97	58.97	1.5	ANNUAL	SRCGP4	5
606832.2	4122740	0.09472	58.88	58.88	1.5	ANNUAL	SRCGP4	5
606952.2	4122740	0.07551	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606972.2	4122740	0.0726	59.33	59.33	1.5	ANNUAL	SRCGP4	5
606992.2	4122740	0.06984	58.99	58.99	1.5	ANNUAL	SRCGP4	5
607012.2	4122740	0.06711	58.9	58.9	1.5	ANNUAL	SRCGP4	5
607032.2	4122740	0.06446	59.01	59.01	1.5	ANNUAL	SRCGP4	5
607052.2	4122740	0.06194	58.96	58.96	1.5	ANNUAL	SRCGP4	5
605632.2	4122760	0.41772	55.34	55.34	1.5	ANNUAL	SRCGP4	5
605652.2	4122760	0.43039	55.21	55.21	1.5	ANNUAL	SRCGP4	5
605672.2	4122760	0.44236	55.59	55.59	1.5	ANNUAL	SRCGP4	5
605692.2	4122760	0.45346	55.89	55.89	1.5	ANNUAL	SRCGP4	5
605712.2	4122760	0.46359	56.3	56.3	1.5	ANNUAL	SRCGP4	5
605752.2	4122760	0.48069	55.94	55.94	1.5	ANNUAL	SRCGP4	5
605772.2	4122760	0.48747	56.19	56.19	1.5	ANNUAL	SRCGP4	5
605812.2	4122760	0.49725	56.43	56.43	1.5	ANNUAL	SRCGP4	5
605832.2	4122760	0.50038	56.44	56.44	1.5	ANNUAL	SRCGP4	5
605872.2	4122760	0.50349	56.66	56.66	1.5	ANNUAL	SRCGP4	5
605892.2	4122760	0.50404	56.85	56.85	1.5	ANNUAL	SRCGP4	5
605912.2	4122760	0.50487	56.7	56.7	1.5	ANNUAL	SRCGP4	5
605952.2	4122760	0.50733	56.83	56.83	1.5	ANNUAL	SRCGP4	5
605972.2	4122760	0.50898	57.28	57.28	1.5	ANNUAL	SRCGP4	5
605992.2	4122760	0.51114	57.37	57.37	1.5	ANNUAL	SRCGP4	5
606112.2	4122760	0.48712	58.4	58.4	1.5	ANNUAL	SRCGP4	5

606132.2	4122760	0.47562	58.99	58.99	1.5	ANNUAL	SRCGP4	5
606152.2	4122760	0.46454	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606172.2	4122760	0.45362	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606192.2	4122760	0.44302	58.93	58.93	1.5	ANNUAL	SRCGP4	5
606212.2	4122760	0.43236	58.95	58.95	1.5	ANNUAL	SRCGP4	5
606232.2	4122760	0.42114	58.97	58.97	1.5	ANNUAL	SRCGP4	5
606252.2	4122760	0.40876	59.02	59.02	1.5	ANNUAL	SRCGP4	5
606272.2	4122760	0.39507	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606292.2	4122760	0.37979	59.02	59.02	1.5	ANNUAL	SRCGP4	5
606312.2	4122760	0.36387	58.8	58.8	1.5	ANNUAL	SRCGP4	5
606352.2	4122760	0.33203	58.68	58.68	1.5	ANNUAL	SRCGP4	5
606392.2	4122760	0.30476	58.55	58.55	1.5	ANNUAL	SRCGP4	5
606412.2	4122760	0.29257	58.89	58.89	1.5	ANNUAL	SRCGP4	5
606432.2	4122760	0.28119	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606452.2	4122760	0.26947	58.74	58.74	1.5	ANNUAL	SRCGP4	5
606472.2	4122760	0.25689	58.81	58.81	1.5	ANNUAL	SRCGP4	5
606492.2	4122760	0.24351	58.79	58.79	1.5	ANNUAL	SRCGP4	5
606512.2	4122760	0.22921	59.13	59.13	1.5	ANNUAL	SRCGP4	5
606532.2	4122760	0.21487	59	59	1.5	ANNUAL	SRCGP4	5
606552.2	4122760	0.20035	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606572.2	4122760	0.18621	58.9	58.9	1.5	ANNUAL	SRCGP4	5
606592.2	4122760	0.17257	58.64	58.64	1.5	ANNUAL	SRCGP4	5
606612.2	4122760	0.15949	58.84	58.84	1.5	ANNUAL	SRCGP4	5
606732.2	4122760	0.11141	58.85	58.85	1.5	ANNUAL	SRCGP4	5
606752.2	4122760	0.10726	58.81	58.81	1.5	ANNUAL	SRCGP4	5
606772.2	4122760	0.1033	58.81	58.81	1.5	ANNUAL	SRCGP4	5
606792.2	4122760	0.09938	58.91	58.91	1.5	ANNUAL	SRCGP4	5
606812.2	4122760	0.09555	58.85	58.85	1.5	ANNUAL	SRCGP4	5
606952.2	4122760	0.07379	59.04	59.04	1.5	ANNUAL	SRCGP4	5
606972.2	4122760	0.07114	59.14	59.14	1.5	ANNUAL	SRCGP4	5
606992.2	4122760	0.06854	59.04	59.04	1.5	ANNUAL	SRCGP4	5
607012.2	4122760	0.06596	59.07	59.07	1.5	ANNUAL	SRCGP4	5
607032.2	4122760	0.06344	59.14	59.14	1.5	ANNUAL	SRCGP4	5
607052.2	4122760	0.06098	59.43	59.43	1.5	ANNUAL	SRCGP4	5
605632.2	4122780	0.41015	55.85	55.85	1.5	ANNUAL	SRCGP4	5
605652.2	4122780	0.4209	55.45	55.45	1.5	ANNUAL	SRCGP4	5
605672.2	4122780	0.43087	55.53	55.53	1.5	ANNUAL	SRCGP4	5
605692.2	4122780	0.43995	55.97	55.97	1.5	ANNUAL	SRCGP4	5
605712.2	4122780	0.44802	56.36	56.36	1.5	ANNUAL	SRCGP4	5
605752.2	4122780	0.46128	55.83	55.83	1.5	ANNUAL	SRCGP4	5
605772.2	4122780	0.46624	56.24	56.24	1.5	ANNUAL	SRCGP4	5
605792.2	4122780	0.47007	56.32	56.32	1.5	ANNUAL	SRCGP4	5
605812.2	4122780	0.47286	56.32	56.32	1.5	ANNUAL	SRCGP4	5
605872.2	4122780	0.47604	56.54	56.54	1.5	ANNUAL	SRCGP4	5
605892.2	4122780	0.47616	56.87	56.87	1.5	ANNUAL	SRCGP4	5
605912.2	4122780	0.47693	56.82	56.82	1.5	ANNUAL	SRCGP4	5
605952.2	4122780	0.48011	56.84	56.84	1.5	ANNUAL	SRCGP4	5
605992.2	4122780	0.48376	57.42	57.42	1.5	ANNUAL	SRCGP4	5
606112.2	4122780	0.45478	58.54	58.54	1.5	ANNUAL	SRCGP4	5
606132.2	4122780	0.44409	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606152.2	4122780	0.43392	58.85	58.85	1.5	ANNUAL	SRCGP4	5
606172.2	4122780	0.42403	58.83	58.83	1.5	ANNUAL	SRCGP4	5
606192.2	4122780	0.41422	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606212.2	4122780	0.40444	58.93	58.93	1.5	ANNUAL	SRCGP4	5
606232.2	4122780	0.39391	58.96	58.96	1.5	ANNUAL	SRCGP4	5
606252.2	4122780	0.38221	59.01	59.01	1.5	ANNUAL	SRCGP4	5
606272.2	4122780	0.36928	58.92	58.92	1.5	ANNUAL	SRCGP4	5
606292.2	4122780	0.35509	58.83	58.83	1.5	ANNUAL	SRCGP4	5
606312.2	4122780	0.34011	58.8	58.8	1.5	ANNUAL	SRCGP4	5
606352.2	4122780	0.31085	58.75	58.75	1.5	ANNUAL	SRCGP4	5
606372.2	4122780	0.29795	58.61	58.61	1.5	ANNUAL	SRCGP4	5
606392.2	4122780	0.28627	58.65	58.65	1.5	ANNUAL	SRCGP4	5
606412.2	4122780	0.27561	58.67	58.67	1.5	ANNUAL	SRCGP4	5

606432.2	4122780	0.26532	58.69	58.69	1.5	ANNUAL	SRCGP4	5
606452.2	4122780	0.25475	58.72	58.72	1.5	ANNUAL	SRCGP4	5
606472.2	4122780	0.24339	58.8	58.8	1.5	ANNUAL	SRCGP4	5
606492.2	4122780	0.23125	58.78	58.78	1.5	ANNUAL	SRCGP4	5
606512.2	4122780	0.21833	58.99	58.99	1.5	ANNUAL	SRCGP4	5
606532.2	4122780	0.20525	58.87	58.87	1.5	ANNUAL	SRCGP4	5
606552.2	4122780	0.19203	58.84	58.84	1.5	ANNUAL	SRCGP4	5
606572.2	4122780	0.17892	58.9	58.9	1.5	ANNUAL	SRCGP4	5
606592.2	4122780	0.16618	58.86	58.86	1.5	ANNUAL	SRCGP4	5
606852.2	4122780	0.08566	59.42	59.42	1.5	ANNUAL	SRCGP4	5
606872.2	4122780	0.08249	59.78	59.78	1.5	ANNUAL	SRCGP4	5
606892.2	4122780	0.0796	59.88	59.88	1.5	ANNUAL	SRCGP4	5
606912.2	4122780	0.077	59.41	59.41	1.5	ANNUAL	SRCGP4	5
606932.2	4122780	0.0745	59.16	59.16	1.5	ANNUAL	SRCGP4	5
606952.2	4122780	0.07204	59.13	59.13	1.5	ANNUAL	SRCGP4	5
606972.2	4122780	0.0696	59.24	59.24	1.5	ANNUAL	SRCGP4	5
606992.2	4122780	0.06717	59.35	59.35	1.5	ANNUAL	SRCGP4	5
607012.2	4122780	0.06476	59.45	59.45	1.5	ANNUAL	SRCGP4	5
607032.2	4122780	0.06239	59.54	59.54	1.5	ANNUAL	SRCGP4	5
607052.2	4122780	0.06008	59.6	59.6	1.5	ANNUAL	SRCGP4	5
605632.2	4122800	0.40104	55.94	55.94	1.5	ANNUAL	SRCGP4	5
605652.2	4122800	0.41001	55.72	55.72	1.5	ANNUAL	SRCGP4	5
605672.2	4122800	0.41817	55.44	55.44	1.5	ANNUAL	SRCGP4	5
605692.2	4122800	0.42547	55.95	55.95	1.5	ANNUAL	SRCGP4	5
605712.2	4122800	0.43184	56.24	56.24	1.5	ANNUAL	SRCGP4	5
605732.2	4122800	0.43728	56.16	56.16	1.5	ANNUAL	SRCGP4	5
605772.2	4122800	0.44519	56.15	56.15	1.5	ANNUAL	SRCGP4	5
605872.2	4122800	0.45049	56.54	56.54	1.5	ANNUAL	SRCGP4	5
605892.2	4122800	0.45072	56.82	56.82	1.5	ANNUAL	SRCGP4	5
605912.2	4122800	0.45166	56.89	56.89	1.5	ANNUAL	SRCGP4	5
605952.2	4122800	0.45547	56.89	56.89	1.5	ANNUAL	SRCGP4	5
605992.2	4122800	0.45862	57.38	57.38	1.5	ANNUAL	SRCGP4	5
606032.2	4122800	0.45616	57.49	57.49	1.5	ANNUAL	SRCGP4	5
606112.2	4122800	0.42553	58.52	58.52	1.5	ANNUAL	SRCGP4	5
606352.2	4122800	0.29191	58.58	58.58	1.5	ANNUAL	SRCGP4	5
606372.2	4122800	0.28027	58.38	58.38	1.5	ANNUAL	SRCGP4	5
606392.2	4122800	0.26963	58.59	58.59	1.5	ANNUAL	SRCGP4	5
606412.2	4122800	0.26003	58.67	58.67	1.5	ANNUAL	SRCGP4	5
606432.2	4122800	0.25083	58.67	58.67	1.5	ANNUAL	SRCGP4	5
606452.2	4122800	0.24131	58.68	58.68	1.5	ANNUAL	SRCGP4	5
606472.2	4122800	0.23101	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606492.2	4122800	0.22001	58.69	58.69	1.5	ANNUAL	SRCGP4	5
606512.2	4122800	0.2082	58.94	58.94	1.5	ANNUAL	SRCGP4	5
606532.2	4122800	0.19626	58.78	58.78	1.5	ANNUAL	SRCGP4	5
606552.2	4122800	0.18415	58.77	58.77	1.5	ANNUAL	SRCGP4	5
606572.2	4122800	0.17212	58.78	58.78	1.5	ANNUAL	SRCGP4	5
606672.2	4122800	0.1198	59.6	59.6	1.5	ANNUAL	SRCGP4	5
606692.2	4122800	0.11285	59.7	59.7	1.5	ANNUAL	SRCGP4	5
606712.2	4122800	0.10734	59.64	59.64	1.5	ANNUAL	SRCGP4	5
606732.2	4122800	0.10294	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606752.2	4122800	0.09932	59.35	59.35	1.5	ANNUAL	SRCGP4	5
606852.2	4122800	0.08315	59.84	59.84	1.5	ANNUAL	SRCGP4	5
606872.2	4122800	0.08017	59.89	59.89	1.5	ANNUAL	SRCGP4	5
606892.2	4122800	0.07742	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606912.2	4122800	0.07493	59.35	59.35	1.5	ANNUAL	SRCGP4	5
606932.2	4122800	0.07255	59.26	59.26	1.5	ANNUAL	SRCGP4	5
606952.2	4122800	0.07026	59.35	59.35	1.5	ANNUAL	SRCGP4	5
606972.2	4122800	0.06803	59.35	59.35	1.5	ANNUAL	SRCGP4	5
606992.2	4122800	0.0658	59.48	59.48	1.5	ANNUAL	SRCGP4	5
607012.2	4122800	0.06357	59.6	59.6	1.5	ANNUAL	SRCGP4	5
607032.2	4122800	0.06135	59.72	59.72	1.5	ANNUAL	SRCGP4	5
607052.2	4122800	0.05916	59.83	59.83	1.5	ANNUAL	SRCGP4	5
605632.2	4122820	0.39072	56.01	56.01	1.5	ANNUAL	SRCGP4	5

605652.2	4122820	0.39807	55.93	55.93	1.5	ANNUAL	SRCGP4	5
605672.2	4122820	0.40463	55.46	55.46	1.5	ANNUAL	SRCGP4	5
605692.2	4122820	0.41038	55.87	55.87	1.5	ANNUAL	SRCGP4	5
605712.2	4122820	0.41526	56.12	56.12	1.5	ANNUAL	SRCGP4	5
605732.2	4122820	0.41925	56.28	56.28	1.5	ANNUAL	SRCGP4	5
605832.2	4122820	0.42691	56.19	56.19	1.5	ANNUAL	SRCGP4	5
605852.2	4122820	0.42685	56.45	56.45	1.5	ANNUAL	SRCGP4	5
605872.2	4122820	0.42692	56.68	56.68	1.5	ANNUAL	SRCGP4	5
605892.2	4122820	0.42753	56.85	56.85	1.5	ANNUAL	SRCGP4	5
605912.2	4122820	0.42898	56.78	56.78	1.5	ANNUAL	SRCGP4	5
605952.2	4122820	0.43318	56.78	56.78	1.5	ANNUAL	SRCGP4	5
606672.2	4122820	0.11595	60.05	60.05	1.5	ANNUAL	SRCGP4	5
606692.2	4122820	0.10906	60.05	60.05	1.5	ANNUAL	SRCGP4	5
606712.2	4122820	0.1035	60.05	60.05	1.5	ANNUAL	SRCGP4	5
606732.2	4122820	0.09911	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606752.2	4122820	0.09562	59.76	59.76	1.5	ANNUAL	SRCGP4	5
606852.2	4122820	0.08083	59.81	59.81	1.5	ANNUAL	SRCGP4	5
606872.2	4122820	0.07802	59.66	59.66	1.5	ANNUAL	SRCGP4	5
606892.2	4122820	0.07538	59.52	59.52	1.5	ANNUAL	SRCGP4	5
606912.2	4122820	0.07296	59.24	59.24	1.5	ANNUAL	SRCGP4	5
606932.2	4122820	0.07068	59.17	59.17	1.5	ANNUAL	SRCGP4	5
606952.2	4122820	0.06849	59.58	59.58	1.5	ANNUAL	SRCGP4	5
606972.2	4122820	0.06643	59.5	59.5	1.5	ANNUAL	SRCGP4	5
606992.2	4122820	0.06439	59.61	59.61	1.5	ANNUAL	SRCGP4	5
607012.2	4122820	0.06234	59.73	59.73	1.5	ANNUAL	SRCGP4	5
607032.2	4122820	0.06029	59.84	59.84	1.5	ANNUAL	SRCGP4	5
607052.2	4122820	0.05824	59.95	59.95	1.5	ANNUAL	SRCGP4	5
605632.2	4122840	0.37948	56.04	56.04	1.5	ANNUAL	SRCGP4	5
605652.2	4122840	0.38541	56.02	56.02	1.5	ANNUAL	SRCGP4	5
605672.2	4122840	0.39059	55.61	55.61	1.5	ANNUAL	SRCGP4	5
605692.2	4122840	0.395	55.54	55.54	1.5	ANNUAL	SRCGP4	5
605712.2	4122840	0.39861	56.03	56.03	1.5	ANNUAL	SRCGP4	5
605792.2	4122840	0.40521	55.98	55.98	1.5	ANNUAL	SRCGP4	5
605812.2	4122840	0.40527	56.36	56.36	1.5	ANNUAL	SRCGP4	5
605832.2	4122840	0.40515	56.44	56.44	1.5	ANNUAL	SRCGP4	5
605852.2	4122840	0.4051	56.61	56.61	1.5	ANNUAL	SRCGP4	5
605872.2	4122840	0.40556	56.67	56.67	1.5	ANNUAL	SRCGP4	5
605892.2	4122840	0.40673	56.62	56.62	1.5	ANNUAL	SRCGP4	5
605912.2	4122840	0.4085	56.64	56.64	1.5	ANNUAL	SRCGP4	5
606092.2	4122840	0.38358	57.96	57.96	1.5	ANNUAL	SRCGP4	5
606112.2	4122840	0.37543	57.62	57.62	1.5	ANNUAL	SRCGP4	5
606192.2	4122840	0.34434	57.89	57.89	1.5	ANNUAL	SRCGP4	5
606212.2	4122840	0.33602	58.17	58.17	1.5	ANNUAL	SRCGP4	5
606252.2	4122840	0.31686	58.37	58.37	1.5	ANNUAL	SRCGP4	5
606272.2	4122840	0.30573	58.44	58.44	1.5	ANNUAL	SRCGP4	5
606292.2	4122840	0.29388	58.42	58.42	1.5	ANNUAL	SRCGP4	5
606312.2	4122840	0.28173	58.42	58.42	1.5	ANNUAL	SRCGP4	5
606332.2	4122840	0.27	58.29	58.29	1.5	ANNUAL	SRCGP4	5
606352.2	4122840	0.25903	58.35	58.35	1.5	ANNUAL	SRCGP4	5
606372.2	4122840	0.2494	58.21	58.21	1.5	ANNUAL	SRCGP4	5
606392.2	4122840	0.24083	58.27	58.27	1.5	ANNUAL	SRCGP4	5
606412.2	4122840	0.23305	58.38	58.38	1.5	ANNUAL	SRCGP4	5
606432.2	4122840	0.22552	58.49	58.49	1.5	ANNUAL	SRCGP4	5
606452.2	4122840	0.21773	58.48	58.48	1.5	ANNUAL	SRCGP4	5
606672.2	4122840	0.11258	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606692.2	4122840	0.10571	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606712.2	4122840	0.10011	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606732.2	4122840	0.09568	60.04	60.04	1.5	ANNUAL	SRCGP4	5
606752.2	4122840	0.09226	59.62	59.62	1.5	ANNUAL	SRCGP4	5
606852.2	4122840	0.07862	59.73	59.73	1.5	ANNUAL	SRCGP4	5
606872.2	4122840	0.07599	59.38	59.38	1.5	ANNUAL	SRCGP4	5
606892.2	4122840	0.07345	59.24	59.24	1.5	ANNUAL	SRCGP4	5
606912.2	4122840	0.07108	59.1	59.1	1.5	ANNUAL	SRCGP4	5

606932.2	4122840	0.06888	59.07	59.07	1.5	ANNUAL	SRCGP4	5
606952.2	4122840	0.06675	59.74	59.74	1.5	ANNUAL	SRCGP4	5
606972.2	4122840	0.06483	59.69	59.69	1.5	ANNUAL	SRCGP4	5
606992.2	4122840	0.06295	59.74	59.74	1.5	ANNUAL	SRCGP4	5
607012.2	4122840	0.06107	59.86	59.86	1.5	ANNUAL	SRCGP4	5
607032.2	4122840	0.05919	59.97	59.97	1.5	ANNUAL	SRCGP4	5
607052.2	4122840	0.0573	60	60	1.5	ANNUAL	SRCGP4	5
606158.5	4121900	0.11405	57.39	313.5	1.5	ANNUAL	SRCGP4	5
606169	4121883	0.10274	57.41	313.5	1.5	ANNUAL	SRCGP4	5
606132.1	4121801	0.06058	57.52	313.5	1.5	ANNUAL	SRCGP4	5
606385	4122113	43.21435	61.43	61.43	1.5	ANNUAL	SRCGP4	5
606405	4122113	56.30715	61.72	61.72	1.5	ANNUAL	SRCGP4	5
606425	4122113	65.05727	61.52	61.52	1.5	ANNUAL	SRCGP4	5
606445	4122113	75.76834	60.48	60.48	1.5	ANNUAL	SRCGP4	5
606465	4122113	84.41394	59.09	59.09	1.5	ANNUAL	SRCGP4	5
606385	4122133	56.36692	61.8	61.8	1.5	ANNUAL	SRCGP4	5
606405	4122133	72.30436	61.32	61.32	1.5	ANNUAL	SRCGP4	5
606425	4122133	82.57636	60.86	60.86	1.5	ANNUAL	SRCGP4	5
606445	4122133	90.45289	60.28	60.28	1.5	ANNUAL	SRCGP4	5
606465	4122133	93.33054	59.15	59.15	1.5	ANNUAL	SRCGP4	5
606385	4122153	70.26319	60.69	61.52	1.5	ANNUAL	SRCGP4	5
606405	4122153	85.91266	60.54	60.54	1.5	ANNUAL	SRCGP4	5
606425	4122153	94.02244	60.21	60.21	1.5	ANNUAL	SRCGP4	5
606445	4122153	96.20664	59.8	59.8	1.5	ANNUAL	SRCGP4	5
606465	4122153	90.89877	59.25	59.25	1.5	ANNUAL	SRCGP4	5
606385	4122173	99.73031	57.94	61.91	1.5	ANNUAL	SRCGP4	5
606405	4122173	103.9601	58.59	60.32	1.5	ANNUAL	SRCGP4	5
606425	4122173	105.8913	58.64	58.64	1.5	ANNUAL	SRCGP4	5
606445	4122173	111.815	57.99	59.8	1.5	ANNUAL	SRCGP4	5
606465	4122173	96.5376	58.06	59.47	1.5	ANNUAL	SRCGP4	5
606385	4122193	103.4106	57.29	57.29	1.5	ANNUAL	SRCGP4	5
606405	4122193	109.2203	57.3	57.3	1.5	ANNUAL	SRCGP4	5
606425	4122193	107.1031	57.36	57.36	1.5	ANNUAL	SRCGP4	5
606445	4122193	108.4568	57.02	57.02	1.5	ANNUAL	SRCGP4	5
606465	4122193	83.48846	57.48	58.37	1.5	ANNUAL	SRCGP4	5

CONCUNIT /m^3

DEPUNIT g ^2

* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP6
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.08337	56.12	313.5	1.5	ANNUAL	SRCGP6	5	
605652.2	4121420	0.0859	56.27	313.5	1.5	ANNUAL	SRCGP6	5	
605672.2	4121420	0.08856	55.57	313.5	1.5	ANNUAL	SRCGP6	5	
605692.2	4121420	0.09134	55.91	313.5	1.5	ANNUAL	SRCGP6	5	
605712.2	4121420	0.0942	56.29	313.5	1.5	ANNUAL	SRCGP6	5	
605732.2	4121420	0.09714	56.54	313.5	1.5	ANNUAL	SRCGP6	5	
605752.2	4121420	0.10025	56.56	313.5	1.5	ANNUAL	SRCGP6	5	
605772.2	4121420	0.10344	56.68	313.5	1.5	ANNUAL	SRCGP6	5	
605792.2	4121420	0.10677	56.74	313.5	1.5	ANNUAL	SRCGP6	5	
605812.2	4121420	0.1102	56.85	313.5	1.5	ANNUAL	SRCGP6	5	
605832.2	4121420	0.11375	56.94	313.5	1.5	ANNUAL	SRCGP6	5	
605852.2	4121420	0.11744	56.97	313.5	1.5	ANNUAL	SRCGP6	5	
605872.2	4121420	0.12124	56.99	313.5	1.5	ANNUAL	SRCGP6	5	
605892.2	4121420	0.12496	57.31	313.5	1.5	ANNUAL	SRCGP6	5	
605912.2	4121420	0.12902	57.25	313.5	1.5	ANNUAL	SRCGP6	5	
605932.2	4121420	0.13309	57.32	313.5	1.5	ANNUAL	SRCGP6	5	
605952.2	4121420	0.13726	57.39	313.5	1.5	ANNUAL	SRCGP6	5	
605972.2	4121420	0.14158	57.4	313.5	1.5	ANNUAL	SRCGP6	5	
605992.2	4121420	0.1459	57.54	313.5	1.5	ANNUAL	SRCGP6	5	
606012.2	4121420	0.15038	57.65	313.5	1.5	ANNUAL	SRCGP6	5	
606032.2	4121420	0.1551	57.64	313.5	1.5	ANNUAL	SRCGP6	5	
606052.2	4121420	0.15995	57.67	313.5	1.5	ANNUAL	SRCGP6	5	
606072.2	4121420	0.16497	57.7	313.5	1.5	ANNUAL	SRCGP6	5	
606092.2	4121420	0.1703	57.58	313.5	1.5	ANNUAL	SRCGP6	5	
606112.2	4121420	0.17602	57.29	313.5	1.5	ANNUAL	SRCGP6	5	
606132.2	4121420	0.18116	57.65	313.5	1.5	ANNUAL	SRCGP6	5	
606152.2	4121420	0.18677	57.77	313.5	1.5	ANNUAL	SRCGP6	5	
606172.2	4121420	0.19266	57.87	313.5	1.5	ANNUAL	SRCGP6	5	
606192.2	4121420	0.19896	57.9	313.5	1.5	ANNUAL	SRCGP6	5	
606212.2	4121420	0.20573	57.87	313.5	1.5	ANNUAL	SRCGP6	5	
606232.2	4121420	0.21283	57.92	313.5	1.5	ANNUAL	SRCGP6	5	
606252.2	4121420	0.22042	57.96	313.5	1.5	ANNUAL	SRCGP6	5	
606272.2	4121420	0.22846	58.02	313.5	1.5	ANNUAL	SRCGP6	5	
606292.2	4121420	0.23689	58.1	313.5	1.5	ANNUAL	SRCGP6	5	
606312.2	4121420	0.24569	58.18	313.5	1.5	ANNUAL	SRCGP6	5	
606332.2	4121420	0.25502	58.12	313.5	1.5	ANNUAL	SRCGP6	5	
606352.2	4121420	0.26442	58.13	313.5	1.5	ANNUAL	SRCGP6	5	
606372.2	4121420	0.27378	58.21	313.5	1.5	ANNUAL	SRCGP6	5	
606392.2	4121420	0.28334	58.18	313.5	1.5	ANNUAL	SRCGP6	5	
606412.2	4121420	0.29259	58.25	313.5	1.5	ANNUAL	SRCGP6	5	
606432.2	4121420	0.30122	58.51	313.5	1.5	ANNUAL	SRCGP6	5	
606452.2	4121420	0.3107	58.21	313.5	1.5	ANNUAL	SRCGP6	5	
606472.2	4121420	0.31974	57.94	313.5	1.5	ANNUAL	SRCGP6	5	
606492.2	4121420	0.32747	58.01	313.5	1.5	ANNUAL	SRCGP6	5	
606512.2	4121420	0.33387	58.38	313.5	1.5	ANNUAL	SRCGP6	5	
606532.2	4121420	0.33995	58.56	313.5	1.5	ANNUAL	SRCGP6	5	
606552.2	4121420	0.34628	58.28	313.5	1.5	ANNUAL	SRCGP6	5	
606572.2	4121420	0.35139	58.14	313.5	1.5	ANNUAL	SRCGP6	5	
606592.2	4121420	0.35416	58.6	313.5	1.5	ANNUAL	SRCGP6	5	
606612.2	4121420	0.35684	58.68	313.5	1.5	ANNUAL	SRCGP6	5	
606632.2	4121420	0.35861	58.71	313.5	1.5	ANNUAL	SRCGP6	5	
606652.2	4121420	0.35939	58.72	313.5	1.5	ANNUAL	SRCGP6	5	
606672.2	4121420	0.35898	58.81	313.5	1.5	ANNUAL	SRCGP6	5	
606692.2	4121420	0.35765	58.86	313.5	1.5	ANNUAL	SRCGP6	5	
606712.2	4121420	0.35532	58.92	313.5	1.5	ANNUAL	SRCGP6	5	
606732.2	4121420	0.3521	58.96	313.5	1.5	ANNUAL	SRCGP6	5	
606752.2	4121420	0.34789	59.07	313.5	1.5	ANNUAL	SRCGP6	5	
606772.2	4121420	0.34291	59.16	313.5	1.5	ANNUAL	SRCGP6	5	
606792.2	4121420	0.3372	59.26	313.5	1.5	ANNUAL	SRCGP6	5	
606812.2	4121420	0.33074	59.44	313.5	1.5	ANNUAL	SRCGP6	5	
606832.2	4121420	0.32397	59.46	313.5	1.5	ANNUAL	SRCGP6	5	
606852.2	4121420	0.3166	59.58	313.5	1.5	ANNUAL	SRCGP6	5	
606872.2	4121420	0.30909	59.53	313.5	1.5	ANNUAL	SRCGP6	5	
606892.2	4121420	0.30112	59.61	313.5	1.5	ANNUAL	SRCGP6	5	
606912.2	4121420	0.29292	59.72	313.5	1.5	ANNUAL	SRCGP6	5	
606932.2	4121420	0.28478	59.66	313.5	1.5	ANNUAL	SRCGP6	5	
606952.2	4121420	0.27699	59.18	313.5	1.5	ANNUAL	SRCGP6	5	
606972.2	4121420	0.26827	59.62	313.5	1.5	ANNUAL	SRCGP6	5	
606992.2	4121420	0.25981	59.87	313.5	1.5	ANNUAL	SRCGP6	5	
607012.2	4121420	0.25168	59.87	313.5	1.5	ANNUAL	SRCGP6	5	
607032.2	4121420	0.24407	59.37	313.5	1.5	ANNUAL	SRCGP6	5	
607052.2	4121420	0.2361	59.49	313.5	1.5	ANNUAL	SRCGP6	5	
605632.2	4121440	0.08643	56.05	313.5	1.5	ANNUAL	SRCGP6	5	
605652.2	4121440	0.08917	56.13	313.5	1.5	ANNUAL	SRCGP6	5	
605672.2	4121440	0.09201	55.38	313.5	1.5	ANNUAL	SRCGP6	5	
605692.2	4121440	0.09504	56.09	313.5	1.5	ANNUAL	SRCGP6	5	
605712.2	4121440	0.09812	56.42	313.5	1.5	ANNUAL	SRCGP6	5	
605732.2	4121440	0.10136	56.49	313.5	1.5	ANNUAL	SRCGP6	5	
605752.2	4121440	0.10476	56.49	313.5	1.5	ANNUAL	SRCGP6	5	
605772.2	4121440	0.10826	56.63	313.5	1.5	ANNUAL	SRCGP6	5	
605792.2	4121440	0.11187	56.78	313.5	1.5	ANNUAL	SRCGP6	5	
605812.2	4121440	0.11566	56.87	313.5	1.5	ANNUAL	SRCGP6	5	
605832.2	4121440	0.11959	56.94	313.5	1.5	ANNUAL	SRCGP6	5	
605852.2	4121440	0.12368	56.97	313.5	1.5	ANNUAL	SRCGP6	5	
605872.2	4121440	0.12789	57.02	313.5	1.5	ANNUAL	SRCGP6	5	
605892.2	4121440	0.13218	57.15	313.5	1.5	ANNUAL	SRCGP6	5	
605912.2	4121440	0.13664	57.22	313.5	1.5	ANNUAL	SRCGP6	5	
605932.2	4121440	0.14119	57.31	313.5	1.5	ANNUAL	SRCGP6	5	
605952.2	4121440	0.14592	57.34	313.5	1.5	ANNUAL	SRCGP6	5	
605972.2	4121440	0.15078	57.37	313.5	1.5	ANNUAL	SRCGP6	5	
605992.2	4121440	0.15569	57.49	313.5	1.5	ANNUAL	SRCGP6	5	
606012.2	4121440	0.16076	57.6	313.5	1.5	ANNUAL	SRCGP6	5	
606032.2	4121440	0.16608	57.63	313.5	1.5	ANNUAL	SRCGP6	5	
606052.2	4121440	0.17156	57.68	313.5	1.5	ANNUAL	SRCGP6	5	
606072.2	4121440	0.17721	57.76	313.5	1.5	ANNUAL	SRCGP6	5	
606092.2	4121440	0.18348	57.5	313.5	1.5	ANNUAL	SRCGP6	5	
606112.2	4121440	0.18998	57.25	313.5	1.5	ANNUAL	SRCGP6	5	
606132.2	4121440	0.19595	57.57	313.5	1.5	ANNUAL	SRCGP6	5	
606152.2	4121440	0.20234	57.76	313.5	1.5	ANNUAL	SRCGP6	5	

606172.2	4121440	0.20927	57.79	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121440	0.21661	57.82	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121440	0.22435	57.9	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121440	0.23286	57.84	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121440	0.24165	57.95	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121440	0.25093	58.09	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121440	0.26097	58.08	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121440	0.27134	58.11	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121440	0.28176	58.26	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4121440	0.29244	58.36	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121440	0.30313	58.47	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121440	0.31389	58.51	313.5	1.5	ANNUAL	SRCGP6	5
606412.2	4121440	0.32456	58.5	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121440	0.33501	58.44	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121440	0.34613	57.94	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121440	0.35505	58.07	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121440	0.36313	58.23	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121440	0.37136	58	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121440	0.37822	57.91	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121440	0.38364	57.95	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121440	0.38718	58.26	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121440	0.38995	58.41	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121440	0.39159	58.52	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121440	0.39196	58.64	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121440	0.39112	58.76	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121440	0.38918	58.83	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121440	0.38601	58.94	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121440	0.3819	58.98	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121440	0.37681	59	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121440	0.3707	59.07	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121440	0.36387	59.09	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121440	0.35632	59.11	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121440	0.34815	59.15	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121440	0.33944	59.23	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121440	0.3304	59.28	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121440	0.32108	59.35	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121440	0.31162	59.39	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121440	0.30205	59.46	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121440	0.29245	59.56	313.5	1.5	ANNUAL	SRCGP6	5
606952.2	4121440	0.28346	59.12	313.5	1.5	ANNUAL	SRCGP6	5
606972.2	4121440	0.27353	59.72	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121440	0.26428	59.82	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121440	0.25531	59.83	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121440	0.24675	59.6	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121440	0.2385	59.27	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121460	0.08964	56.11	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121460	0.0926	55.9	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121460	0.09567	55.4	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121460	0.09894	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121460	0.10229	56.46	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121460	0.10587	56.39	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121460	0.10964	55.88	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121460	0.11354	55.96	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121460	0.1176	56.13	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121460	0.12183	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121460	0.12623	56.31	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121460	0.13079	56.41	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121460	0.1355	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121460	0.14039	56.58	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121460	0.14541	56.68	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121460	0.15055	56.82	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121460	0.15592	56.86	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121460	0.16133	57.01	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121460	0.16705	57.03	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121460	0.17281	57.17	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121460	0.17879	57.29	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121460	0.18507	57.35	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121460	0.19182	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121460	0.19885	57.14	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121460	0.2059	57.2	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121460	0.21337	57.18	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121460	0.2211	57.21	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121460	0.22918	57.28	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121460	0.23777	57.35	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121460	0.24709	57.35	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121460	0.25702	57.38	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121460	0.26751	57.46	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121460	0.27862	57.55	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121460	0.29032	57.62	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121460	0.30242	57.7	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121460	0.31453	57.89	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4121460	0.32695	58	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121460	0.33922	58.15	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121460	0.35167	58.16	313.5	1.5	ANNUAL	SRCGP6	5
606412.2	4121460	0.36371	58.19	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121460	0.37555	58.11	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121460	0.38725	57.85	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121460	0.39578	58.35	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121460	0.4044	58.47	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121460	0.41248	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121460	0.41946	58.19	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121460	0.42506	57.99	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121460	0.42888	57.88	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121460	0.43069	57.93	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121460	0.43073	58.06	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121460	0.42919	58.23	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121460	0.42626	58.38	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121460	0.42198	58.53	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121460	0.41655	58.63	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121460	0.41007	58.67	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121460	0.40261	58.68	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121460	0.39423	58.68	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121460	0.38508	58.68	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121460	0.37525	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121460	0.26761	59.77	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121460	0.25793	59.72	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121460	0.24859	59.63	313.5	1.5	ANNUAL	SRCGP6	5

607052.2	4121460	0.2399	59.14	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121480	0.09301	56.28	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121480	0.0962	55.6	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121480	0.09955	55.65	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121480	0.10308	56.22	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121480	0.10672	56.48	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121480	0.11068	56.14	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121480	0.11475	55.72	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121480	0.11904	56.08	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121480	0.12352	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121480	0.12821	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121480	0.13312	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121480	0.13823	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121480	0.14355	56.32	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121480	0.14907	56.38	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121480	0.1548	56.43	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121480	0.16071	56.51	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121480	0.16686	56.52	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121480	0.1731	56.66	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121480	0.17968	56.66	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121480	0.18646	56.69	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121480	0.19336	56.84	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121480	0.20039	57.06	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121480	0.20763	57.31	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121480	0.21559	57.3	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121480	0.22401	57.23	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121480	0.23243	57.37	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121480	0.24155	57.37	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121480	0.25117	57.39	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121480	0.26143	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121480	0.27268	57.35	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121480	0.28449	57.39	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121480	0.29709	57.44	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121480	0.31034	57.52	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121480	0.32434	57.55	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121480	0.33863	57.64	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121480	0.35307	57.76	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4121480	0.36757	57.87	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121480	0.38167	58.06	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121480	0.39589	58.09	313.5	1.5	ANNUAL	SRCGP6	5
606412.2	4121480	0.41032	57.89	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121480	0.42385	57.73	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121480	0.4352	57.9	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121480	0.44503	58.14	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121480	0.45333	58.4	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121480	0.46056	58.5	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121480	0.4664	58.49	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121480	0.47074	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121480	0.47289	58.34	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121480	0.47295	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121480	0.4714	58.32	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121480	0.46806	58.27	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121480	0.46295	58.25	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121480	0.45619	58.27	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121480	0.44801	58.31	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121480	0.4386	58.36	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121480	0.42806	58.46	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121480	0.41665	58.59	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121480	0.40469	58.68	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121480	0.39227	58.76	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121480	0.26966	59.83	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121480	0.25963	59.41	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121480	0.24981	59.21	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121480	0.24029	59.13	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121500	0.09658	56.09	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121500	0.1	55.49	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121500	0.10366	56.02	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121500	0.10744	56.36	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121500	0.11145	56.42	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121500	0.11574	55.68	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121500	0.12022	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121500	0.12475	56.64	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121500	0.12966	56.7	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121500	0.13476	56.83	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121500	0.14019	56.85	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121500	0.14588	56.86	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121500	0.15176	56.96	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121500	0.15786	57.08	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121500	0.16433	57.09	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121500	0.17097	57.18	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121500	0.17802	57.13	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121500	0.18514	57.23	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121500	0.19268	57.21	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121500	0.20094	56.92	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121500	0.20899	56.99	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121500	0.21638	57.64	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121500	0.22487	57.83	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121500	0.23477	57.47	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121500	0.24488	57.27	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121500	0.25449	57.55	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121500	0.26462	57.84	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121500	0.27646	57.68	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121500	0.28854	57.78	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121500	0.30184	57.77	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121500	0.31607	57.79	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121500	0.33098	57.91	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121500	0.34678	58.01	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121500	0.36348	58.03	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121500	0.38021	58.18	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121500	0.3975	58.21	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4121500	0.41454	58.29	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121500	0.43098	58.44	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121500	0.44737	58.43	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121500	0.47957	57.81	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121500	0.49301	57.65	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121500	0.50378	57.7	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121500	0.51141	58.02	313.5	1.5	ANNUAL	SRCGP6	5

606512.2	4121500	0.51736	58.22	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121500	0.52084	58.47	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121500	0.52268	58.54	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121500	0.52229	58.58	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121500	0.51974	58.59	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121500	0.51487	58.65	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121500	0.50813	58.67	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121500	0.49954	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121500	0.48942	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121500	0.47767	58.8	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121500	0.46493	58.84	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121500	0.45123	58.91	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121500	0.43682	59.01	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121500	0.42201	59.09	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121500	0.4072	59.04	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121500	0.27056	59.84	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121500	0.25967	59.76	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121500	0.24935	59.62	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121500	0.23976	59.17	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121520	0.10032	55.62	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121520	0.10404	55.67	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121520	0.10797	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121520	0.11208	56.37	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121520	0.11651	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121520	0.12113	55.47	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121520	0.12603	56.33	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121520	0.13106	56.64	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121520	0.13643	56.78	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121520	0.14216	56.82	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121520	0.14827	56.78	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121520	0.15464	56.81	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121520	0.16136	56.81	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121520	0.16824	56.98	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121520	0.17563	56.97	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121520	0.18329	57.01	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121520	0.19117	57.12	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121520	0.19942	57.2	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121520	0.20808	57.22	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121520	0.21793	56.77	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121520	0.22721	56.91	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121520	0.23588	57.54	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121520	0.24562	57.84	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121520	0.25715	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121520	0.26919	57.29	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121520	0.2817	57.16	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121520	0.29464	57.17	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121520	0.30862	57.15	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121520	0.32317	57.3	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121520	0.33953	57.26	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121520	0.3566	57.38	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121520	0.37533	57.35	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121520	0.39289	57.9	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121520	0.41281	57.98	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121520	0.43378	57.89	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121520	0.45439	57.91	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4121520	0.47473	57.92	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121520	0.49432	57.95	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121520	0.54493	58.1	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121520	0.5578	58.17	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121520	0.56901	58.06	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121520	0.57789	57.85	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121520	0.58305	57.81	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121520	0.58429	57.98	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121520	0.58229	58.24	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121520	0.57778	58.44	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121520	0.57107	58.54	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121520	0.56199	58.63	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121520	0.55058	58.78	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121520	0.53786	58.76	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121520	0.52304	58.92	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121520	0.50727	58.98	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121520	0.49065	59.01	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121520	0.47324	59.1	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121520	0.45553	59.16	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121520	0.43782	59.16	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121520	0.42018	59.15	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121520	0.36876	59.44	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121520	0.35281	59.43	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121520	0.33788	59.12	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121520	0.32304	59.23	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121520	0.30892	59.3	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121520	0.27017	59.98	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121520	0.25878	59.99	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121520	0.24806	59.92	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121520	0.23837	59.26	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121540	0.10425	55.39	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121540	0.1083	56.05	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121540	0.11253	56.25	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121540	0.11702	56.34	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121540	0.1218	56.37	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121540	0.12688	55.37	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121540	0.13224	56.42	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121540	0.13792	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121540	0.14402	56.43	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121540	0.15025	56.71	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121540	0.15712	56.62	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121540	0.16453	56.35	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121540	0.17189	56.66	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121540	0.17971	56.85	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121540	0.18816	56.84	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121540	0.19738	56.58	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121540	0.20639	56.81	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121540	0.21581	57	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121540	0.2257	57.14	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121540	0.2373	56.64	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121540	0.24806	56.86	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121540	0.25842	57.44	313.5	1.5	ANNUAL	SRCGP6	5

606072.2	4121540	0.26976	57.82	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121540	0.2836	57.45	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121540	0.29789	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121540	0.312	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121540	0.32786	57.36	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121540	0.3448	57.36	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121540	0.36287	57.45	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121540	0.38247	57.54	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121540	0.40428	57.46	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121540	0.42664	57.58	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121540	0.44922	57.88	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121540	0.47359	57.92	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121540	0.49777	58.05	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121540	0.52255	58.01	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4121540	0.54628	58.04	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121540	0.64543	58.32	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121540	0.65127	58.3	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121540	0.65345	58.26	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121540	0.65199	58.2	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121540	0.6474	58.04	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121540	0.63888	58.01	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121540	0.6268	58.12	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121540	0.61213	58.24	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121540	0.59523	58.39	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121540	0.5768	58.48	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121540	0.55694	58.61	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121540	0.5363	58.69	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121540	0.51515	58.75	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121540	0.49368	58.85	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121540	0.47242	58.89	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121540	0.45149	58.91	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121540	0.4309	59.01	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121540	0.3732	59.44	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121540	0.35608	59.28	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121540	0.33968	59.2	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121540	0.32394	59.28	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121540	0.26872	60.12	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121540	0.25711	60.04	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121540	0.24624	59.88	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121540	0.23629	59.32	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121560	0.1084	55.31	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121560	0.11275	55.47	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121560	0.11738	55.85	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121560	0.12229	55.96	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121560	0.12751	56.05	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121560	0.13302	55.3	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121560	0.13899	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121560	0.1453	56.27	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121560	0.15205	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121560	0.15907	56.51	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121560	0.16675	56.46	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121560	0.17504	56.05	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121560	0.18344	56.53	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121560	0.19239	56.71	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121560	0.20216	56.66	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121560	0.21293	56.08	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121560	0.22345	56.53	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121560	0.23413	56.94	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121560	0.24574	57.09	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121560	0.2595	56.53	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121560	0.27218	56.8	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121560	0.28472	57.31	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121560	0.29787	57.84	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121560	0.31481	57.36	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121560	0.33201	57.19	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121560	0.34881	57.47	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121560	0.36811	57.45	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121560	0.38873	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121560	0.412	57.44	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121560	0.4364	57.55	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121560	0.46316	57.56	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121560	0.49227	57.43	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121560	0.52119	57.55	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121560	0.55037	57.71	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121560	0.57936	57.88	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121560	0.60963	57.72	313.5	1.5	ANNUAL	SRCGP6	5
606412.2	4121560	0.70424	57.97	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121560	0.73767	58.25	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121560	0.73297	58.57	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121560	0.72564	58.57	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121560	0.71434	58.54	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121560	0.6994	58.5	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121560	0.68137	58.44	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121560	0.66072	58.38	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121560	0.63783	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121560	0.61346	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121560	0.58805	58.41	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121560	0.56222	58.45	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121560	0.5364	58.49	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121560	0.51082	58.57	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121560	0.48591	58.63	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121560	0.46186	58.68	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121560	0.35696	59.31	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121560	0.3395	59.35	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121560	0.32302	59.45	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121560	0.26644	60.12	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121560	0.2551	59.57	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121560	0.2441	59.38	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121560	0.23364	59.31	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121580	0.11283	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121580	0.11751	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121580	0.12248	55.58	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121580	0.12781	55.57	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121580	0.1335	55.5	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121580	0.13959	55.45	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121580	0.14613	55.54	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121580	0.15313	55.62	313.5	1.5	ANNUAL	SRCGP6	5

605792.2	4121580	0.16062	55.68	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121580	0.16865	55.8	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121580	0.17725	55.9	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121580	0.18645	55.91	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121580	0.19629	55.89	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121580	0.2068	55.82	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121580	0.21803	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121580	0.22998	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121580	0.24268	56.04	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121580	0.25613	56.16	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121580	0.27028	56.29	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121580	0.28533	56.29	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121580	0.30018	56.77	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121580	0.31529	57.28	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121580	0.33156	57.7	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121580	0.35216	57.23	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121580	0.37297	57.13	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121580	0.39395	57.37	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121580	0.41763	57.44	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121580	0.44384	57.47	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121580	0.47416	57.23	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121580	0.50419	57.51	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121580	0.53803	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121580	0.57453	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121580	0.61033	57.57	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121580	0.64632	57.71	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121580	0.68123	57.89	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121580	0.71705	57.73	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121580	0.80058	57.88	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121580	0.82436	58.27	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121580	0.80735	58.53	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121580	0.78665	58.67	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121580	0.76258	58.74	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121580	0.7358	58.75	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121580	0.70682	58.75	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121580	0.67612	58.81	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121580	0.64469	58.86	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121580	0.61305	58.93	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121580	0.58159	59.06	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121580	0.5516	58.93	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121580	0.52212	59	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121580	0.49398	59.05	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121580	0.4673	59.07	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121580	0.39558	59.51	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121580	0.37479	59.57	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121580	0.35547	59.57	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121580	0.33737	59.63	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121580	0.32058	59.62	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121580	0.26335	60.13	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121580	0.25173	59.82	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121580	0.24068	59.67	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121580	0.23042	59.39	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121600	0.11745	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121600	0.12249	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121600	0.12792	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121600	0.13372	56.1	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121600	0.13993	56.19	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121600	0.1466	56.26	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121600	0.15375	56.33	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121600	0.16145	56.39	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121600	0.16974	56.43	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121600	0.17863	56.51	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121600	0.18825	56.53	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121600	0.19864	56.53	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121600	0.20987	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121600	0.22191	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121600	0.23473	56.58	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121600	0.24868	56.55	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121600	0.26351	56.57	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121600	0.27925	56.64	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121600	0.29593	56.73	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121600	0.31353	56.86	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121600	0.33213	57	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121600	0.35163	57.21	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121600	0.3716	57.62	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121600	0.39696	57.16	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121600	0.42281	57.07	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121600	0.44922	57.31	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121600	0.47958	57.34	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121600	0.51364	57.31	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121600	0.5509	57.34	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121600	0.5924	57.26	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121600	0.63496	57.41	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121600	0.67986	57.49	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121600	0.72439	57.68	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121600	0.76907	57.77	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121600	0.81269	57.76	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4121600	0.85334	57.72	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121600	0.82725	58.54	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121600	0.78948	58.66	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121600	0.75002	58.87	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121600	0.71069	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121600	0.67166	59.03	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121600	0.63348	59.14	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121600	0.5969	59.18	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121600	0.56202	59.22	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121600	0.52889	59.32	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121600	0.49781	59.41	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121600	0.46893	59.43	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121600	0.35244	59.63	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121600	0.33412	59.59	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121600	0.31723	59.48	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121600	0.30146	59.44	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121600	0.2596	60.16	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121600	0.24782	60.07	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121600	0.23679	59.99	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121600	0.22686	59.41	313.5	1.5	ANNUAL	SRCGP6	5

605632.2	4121620	0.12207	53.92	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121620	0.12751	53.91	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121620	0.13342	54.22	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121620	0.13975	54.4	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121620	0.14657	54.57	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121620	0.15394	54.82	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121620	0.16189	55.04	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121620	0.17047	55.14	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121620	0.17976	55.3	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121620	0.18983	55.41	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121620	0.20073	55.5	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121620	0.21257	55.63	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121620	0.22542	55.79	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121620	0.23935	55.97	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121620	0.25443	56.08	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121620	0.27075	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121620	0.28834	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121620	0.30724	56.34	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121620	0.32715	56.56	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121620	0.34871	56.66	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121620	0.37173	56.77	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121620	0.39591	56.98	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121620	0.42141	57.27	313.5	1.5	ANNUAL	SRCGP6	5
606092.2	4121620	0.45191	57.06	313.5	1.5	ANNUAL	SRCGP6	5
606112.2	4121620	0.48455	56.99	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121620	0.52	57.02	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121620	0.55969	57.04	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121620	0.60465	57	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121620	0.65354	57.08	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121620	0.70736	57.1	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121620	0.76019	57.52	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121620	0.81794	57.59	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121620	0.87683	57.52	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121620	0.93199	57.57	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121620	0.98345	57.57	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121620	1.10643	58.45	313.5	1.5	ANNUAL	SRCGP6	5
606412.2	4121620	1.11477	58.63	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121620	1.1157	58.54	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121620	1.06083	58.13	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121620	1.02535	58.08	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121620	0.34797	59.61	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121620	0.32954	59.59	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121620	0.31264	59.49	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121620	0.2969	59.46	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121620	0.25573	59.81	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121620	0.24398	59.81	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121620	0.23311	59.67	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121620	0.22304	59.39	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121640	0.12743	55.44	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121640	0.13333	55.43	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121640	0.13968	55.4	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121640	0.14654	55.37	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121640	0.15395	55.36	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121640	0.16199	55.34	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121640	0.17071	55.36	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121640	0.18019	55.33	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121640	0.19049	55.23	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121640	0.20173	55.16	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121640	0.21396	55	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121640	0.22736	54.94	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121640	0.24199	54.81	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121640	0.258	54.74	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121640	0.27555	54.71	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121640	0.29472	54.67	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121640	0.31532	54.17	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121640	0.33787	53.9	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121640	0.36313	54.41	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121640	0.3902	54.59	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121640	0.41936	54.6	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121640	0.45093	54.56	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121640	0.48522	54.45	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121640	0.7836	57.43	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121640	0.85185	57.75	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121640	0.92021	58.28	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121640	0.99518	58.28	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121640	1.07324	57.87	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121640	1.14247	57.71	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121640	1.19773	57.94	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121640	1.18237	58.39	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121640	1.12617	58.5	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121640	1.06634	58.45	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121640	1.00304	58.52	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121640	0.93974	58.48	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121640	0.8771	58.5	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121640	0.81711	58.43	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121640	0.75973	58.48	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121640	0.30719	59.56	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121640	0.29158	59.6	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121640	0.25107	59.93	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121640	0.23946	59.99	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121640	0.22897	59.63	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121640	0.21911	59.29	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121660	0.13288	55.82	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121660	0.13926	55.88	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121660	0.14616	55.98	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121660	0.15362	56.04	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121660	0.16173	56.08	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121660	0.17054	56.16	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121660	0.1801	56.3	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121660	0.1906	56.31	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121660	0.20203	56.41	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121660	0.21455	56.49	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121660	0.22834	56.53	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121660	0.24343	56.62	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121660	0.2605	56.48	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121660	0.27908	56.48	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121660	0.29974	56.43	313.5	1.5	ANNUAL	SRCGP6	5

605932.2	4121660	0.32228	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121660	0.34697	56.62	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121660	0.37433	56.69	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121660	0.40467	56.7	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121660	0.4374	56.82	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121660	0.47319	56.93	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121660	0.5126	57	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121660	0.55563	57.11	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121660	0.71826	57.5	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121660	0.79013	57.54	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121660	0.87446	57.43	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121660	0.96539	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121660	1.06015	57.77	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121660	1.15303	58.2	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121660	1.24754	58.32	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121660	1.33668	58.3	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121660	1.41596	58.19	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121660	1.47783	58.25	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121660	1.57363	57.91	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121660	1.45483	57.82	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121660	1.3088	58.24	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121660	1.22678	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121660	1.14215	58.56	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121660	1.05873	58.67	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121660	0.97823	58.76	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121660	0.90225	58.81	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121660	0.83183	58.79	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121660	0.76686	58.82	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121660	0.70728	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121660	0.6536	59.01	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121660	0.60504	59.12	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121660	0.56153	59.16	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121660	0.52221	59.27	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121660	0.48709	59.27	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121660	0.45594	59.04	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121660	0.24629	59.98	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121660	0.23494	60	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121660	0.22467	59.61	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121660	0.21499	59.27	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121680	0.24438	56.38	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121680	0.26133	56.63	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121680	0.28093	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121680	0.30303	56.13	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121680	0.32724	56.06	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121680	0.35431	56.13	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121680	0.38451	56.27	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121680	0.41814	56.39	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121680	0.45587	56.44	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121680	0.49747	56.56	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121680	0.5438	56.65	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121680	0.59511	56.75	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121680	0.65182	56.9	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121680	1.49599	57.61	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121680	1.6138	57.79	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121680	1.7239	57.57	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121680	1.81065	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121680	1.89638	58	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121680	1.86584	57.92	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121680	1.73226	58.24	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121680	1.00306	58.51	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121680	0.91513	58.53	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121680	0.83569	58.6	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121680	0.76458	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121680	0.70138	58.79	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121680	0.64519	58.91	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121680	0.59548	58.99	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121680	0.5511	59.15	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121680	0.51186	59.22	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121680	0.47701	59.22	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121680	0.44644	58.93	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121680	0.24144	59.99	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121680	0.23033	60.02	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121680	0.22024	59.66	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121680	0.21075	59.33	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121700	0.14464	56.02	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121700	0.15208	56.16	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121700	0.16018	56.13	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121700	0.16902	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121700	0.17868	56.18	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121700	0.18923	56.34	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121700	0.20094	56.27	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121700	0.21379	56.35	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121700	0.2281	56.31	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121700	0.26173	56.3	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121700	0.28096	56.64	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121700	0.30332	56.58	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121700	0.32922	56.1	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121700	0.35773	55.98	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121700	0.39004	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121700	0.42682	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121700	0.46862	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121700	0.51619	56.3	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121700	0.57036	56.33	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121700	0.63137	56.43	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121700	0.70085	56.47	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121700	0.77949	56.55	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121700	1.25878	57.05	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121700	1.44004	57.03	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121700	1.62656	57.26	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121700	1.80926	57.51	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121700	1.97843	57.64	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121700	2.11909	57.79	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121700	2.23568	57.66	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121700	2.31857	57.48	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121700	2.29023	58.1	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121700	2.21546	58.07	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121700	1.97957	58.3	313.5	1.5	ANNUAL	SRCGP6	5

606472.2	4121700	1.68261	58.11	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121700	1.52735	58.18	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121700	1.37955	58.17	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121700	1.24403	57.97	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121700	0.58183	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121700	0.53827	58.8	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121700	0.49995	58.83	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121700	0.46575	58.92	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121700	0.43565	58.82	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121700	0.23652	60.06	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121700	0.2256	60.15	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121700	0.21568	59.85	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121700	0.2065	59.36	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121720	0.15103	56.06	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121720	0.15908	56.11	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121720	0.16785	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121720	0.1774	56.37	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121720	0.18792	56.42	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121720	0.19953	56.44	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121720	0.21232	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121720	0.2265	56.56	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121720	0.2427	56.32	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121720	0.28066	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121720	0.30265	56.58	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121720	0.32836	56.54	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121720	0.35837	56.11	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121720	0.39186	56.25	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121720	0.4291	56.64	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121720	0.47326	56.7	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121720	0.52422	56.8	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121720	0.58346	56.89	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121720	0.6533	56.89	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121720	0.7342	56.93	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121720	0.82633	57.1	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121720	0.9362	57.13	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121720	1.44418	56.84	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121720	1.69031	56.98	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121720	1.97268	56.97	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121720	2.24664	57.19	313.5	1.5	ANNUAL	SRCGP6	5
606212.2	4121720	2.49141	57.44	313.5	1.5	ANNUAL	SRCGP6	5
606232.2	4121720	2.69193	57.64	313.5	1.5	ANNUAL	SRCGP6	5
606252.2	4121720	2.84259	57.74	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4121720	2.94234	57.76	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121720	3.00301	57.52	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121720	2.775	58.17	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121720	2.63448	57.99	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121720	2.23217	58.42	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121720	1.79601	58.2	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121720	1.59053	58.35	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121720	1.40617	58.5	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121720	1.24911	58.11	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121720	1.10937	58.3	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121720	0.98908	58.63	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121720	0.88895	58.56	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121720	0.80485	58.23	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121720	0.73107	58.28	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121720	0.6672	58.44	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121720	0.61233	58.51	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121720	0.5651	58.43	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121720	0.52315	58.53	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121720	0.48611	58.65	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121720	0.45337	58.72	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121720	0.42436	58.69	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121720	0.2316	60.13	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121720	0.22108	60.03	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121720	0.21141	59.65	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121720	0.20218	59.45	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121740	0.15782	55.82	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121740	0.16653	55.8	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121740	0.17607	56.02	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121740	0.18648	56.29	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121740	0.19798	56.37	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121740	0.21085	56.18	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121740	0.22502	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121740	0.24062	56.48	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121740	0.25858	56.28	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121740	0.30131	56.19	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121740	0.32642	56.57	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121740	0.35619	56.47	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121740	0.39093	56.07	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121740	0.43056	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121740	0.47528	56.62	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121740	0.52903	56.72	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121740	0.59153	56.96	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121740	0.66826	56.96	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121740	0.76139	56.9	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121740	0.87183	56.98	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121740	1.00663	56.99	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121740	1.16833	57.09	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121740	3.12434	57.93	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121740	2.46159	58.53	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121740	1.85506	58.31	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121740	1.60211	58.55	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121740	1.3918	58.58	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121740	1.22121	58.15	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121740	1.07508	58.38	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121740	0.95288	58.81	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121740	0.85394	58.81	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121740	0.77346	58.35	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121740	0.70229	58.52	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121740	0.64087	58.87	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121740	0.58823	59.18	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121740	0.54525	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121740	0.50545	58.88	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121740	0.46981	59.26	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121740	0.43876	59.4	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121740	0.41252	58.84	313.5	1.5	ANNUAL	SRCGP6	5

606792.2	4121740	0.38712	59.09	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121740	0.36396	59.44	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121740	0.34336	59.51	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121740	0.32434	59.7	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121740	0.30717	59.67	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121740	0.29116	59.76	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121740	0.27639	59.82	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121740	0.26269	59.86	313.5	1.5	ANNUAL	SRCGP6	5
606952.2	4121740	0.24995	59.88	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121740	0.22715	59.68	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121740	0.21674	59.66	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121740	0.20692	59.72	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121740	0.19776	59.67	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121760	0.16505	55.76	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121760	0.18483	55.75	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121760	0.19622	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121760	0.20884	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121760	0.23858	56.08	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121760	0.2558	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121760	0.2759	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121760	0.32402	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121760	0.35262	56.59	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121760	0.38734	56.33	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121760	0.42743	55.9	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121760	0.47432	55.93	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121760	0.52996	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121760	0.59688	56.29	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121760	0.67476	56.74	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121760	0.77389	56.81	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121760	0.89968	56.76	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121760	1.05808	56.78	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121760	1.26156	56.78	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121760	1.52307	56.83	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121760	4.1627	57.94	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121760	2.61319	58.53	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121760	1.83642	58.37	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121760	1.55323	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121760	1.33445	58.59	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121760	1.16384	58.16	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121760	1.02175	58.4	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121760	0.90517	58.87	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121760	0.81241	58.9	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121760	0.73778	58.46	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121760	0.67192	58.61	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121760	0.61496	58.96	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121760	0.56621	59.24	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121760	0.52602	58.84	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121760	0.48889	59	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121760	0.45535	59.4	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121760	0.42628	59.45	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121760	0.40142	58.89	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121760	0.37702	59.24	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121760	0.3549	59.57	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121760	0.33529	59.54	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121760	0.31714	59.59	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121760	0.3005	59.56	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121760	0.28507	59.55	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121760	0.27085	59.45	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121760	0.25752	59.43	313.5	1.5	ANNUAL	SRCGP6	5
606952.2	4121760	0.24504	59.45	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121760	0.22217	59.84	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121760	0.21171	60.17	313.5	1.5	ANNUAL	SRCGP6	5
607032.2	4121760	0.2021	60.22	313.5	1.5	ANNUAL	SRCGP6	5
607052.2	4121760	0.19319	60.08	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121780	0.17277	55.73	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121780	0.19425	55.83	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121780	0.20667	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121780	0.2205	56.22	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121780	0.2533	56.07	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121780	0.27256	56.42	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121780	0.29492	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121780	0.34917	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121780	0.38238	56.44	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121780	0.42206	56.27	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121780	0.46869	55.8	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121780	0.52419	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121780	0.59133	56.1	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121780	0.67385	56.16	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121780	0.89908	56.96	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121780	1.62747	56.75	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121780	2.07922	56.91	313.5	1.5	ANNUAL	SRCGP6	5
606132.2	4121780	5.25558	57.48	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121780	6.49819	57.4	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121780	7.32485	57.29	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121780	7.72434	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121780	7.25266	58.1	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121780	6.94643	58.02	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121780	5.08116	58.13	313.5	1.5	ANNUAL	SRCGP6	5
606392.2	4121780	4.14403	58.08	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121780	2.60336	58.64	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121780	1.73103	58.48	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121780	1.45132	58.72	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121780	1.244	58.64	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121780	1.08676	58.28	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121780	0.95777	58.51	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121780	0.85285	58.93	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121780	0.7699	58.88	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121780	0.70228	58.52	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121780	0.64239	58.69	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121780	0.59038	59.02	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121780	0.54558	59.28	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121780	0.50851	58.84	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121780	0.47363	59.07	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121780	0.44229	59.4	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121780	0.41463	59.52	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121780	0.39103	58.94	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121780	0.36833	58.95	313.5	1.5	ANNUAL	SRCGP6	5

606812.2	4121780	0.34748	59.01	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121780	0.32835	59.06	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121780	0.31068	59.13	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121780	0.29425	59.27	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121780	0.27903	59.4	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121780	0.2648	59.61	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121780	0.25157	59.81	313.5	1.5	ANNUAL	SRCGP6	5
606952.2	4121780	0.23922	60	313.5	1.5	ANNUAL	SRCGP6	5
606992.2	4121780	0.21708	60.11	313.5	1.5	ANNUAL	SRCGP6	5
607012.2	4121780	0.20707	60.11	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121800	0.18103	55.57	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121800	0.20439	55.68	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121800	0.21802	56.06	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121800	0.23321	55.93	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121800	0.26941	56.02	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121800	0.29106	56.25	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121800	0.31595	56.05	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121800	0.37743	56.14	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121800	0.41532	56.47	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121800	0.46133	56.29	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121800	0.516	55.74	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121800	0.58192	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121800	0.66072	56.58	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121800	0.76042	56.73	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121800	1.05596	57.08	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121800	2.18413	56.84	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121800	3.06823	57.22	313.5	1.5	ANNUAL	SRCGP6	5
606152.2	4121800	11.97194	57.69	313.5	1.5	ANNUAL	SRCGP6	5
606172.2	4121800	12.56779	57.51	313.5	1.5	ANNUAL	SRCGP6	5
606192.2	4121800	12.57104	57.58	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4121800	10.80811	58.16	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4121800	10.18341	58.27	313.5	1.5	ANNUAL	SRCGP6	5
606372.2	4121800	5.89228	58.12	313.5	1.5	ANNUAL	SRCGP6	5
606432.2	4121800	2.39075	58.67	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121800	1.56551	58.48	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121800	1.32028	58.7	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121800	1.14066	58.72	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121800	1.00266	58.73	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121800	0.89259	58.84	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121800	0.80299	59	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121800	0.72998	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121800	0.66805	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121800	0.61461	59.03	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121800	0.5679	59.2	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121800	0.52708	59.33	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121800	0.49129	59.34	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121800	0.45914	59.41	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121800	0.43007	59.54	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121800	0.40397	59.57	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121800	0.38136	59	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121800	0.35887	59.39	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121800	0.33873	59.5	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121800	0.32013	59.63	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121800	0.30301	59.71	313.5	1.5	ANNUAL	SRCGP6	5
606872.2	4121800	0.28707	59.85	313.5	1.5	ANNUAL	SRCGP6	5
606892.2	4121800	0.27227	59.97	313.5	1.5	ANNUAL	SRCGP6	5
606912.2	4121800	0.25847	60.1	313.5	1.5	ANNUAL	SRCGP6	5
606932.2	4121800	0.24579	60.03	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121860	0.20991	55.39	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121860	0.22411	54.86	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121860	0.24028	55.28	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121860	0.25844	55.7	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121860	0.27884	55.67	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121860	0.30191	55.24	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121860	0.32862	55.53	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121860	0.35944	55.85	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121860	0.39523	56.02	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121860	0.43721	55.58	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121860	0.4874	55.82	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121860	0.54769	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121860	0.62143	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121860	0.7136	55.73	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121860	0.83097	56.03	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121860	0.98311	56.36	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121860	1.18759	56.55	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121860	1.47564	56.72	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121860	1.90659	56.84	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121860	2.59431	57.02	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121860	3.8009	57.18	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121860	6.16359	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121860	7.2613	57.16	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121860	0.60063	58.8	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121860	0.5567	59.3	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121860	0.51801	59.65	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121860	0.4843	59.6	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121860	0.4536	59.59	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121860	0.42541	59.68	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121860	0.39997	59.59	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121860	0.37648	59.56	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121860	0.35537	59.2	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121860	0.33492	59.44	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121860	0.31617	59.57	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121860	0.29883	59.67	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121860	0.2827	59.79	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121880	0.22125	55.56	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121880	0.2368	54.97	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121880	0.25461	55.5	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121880	0.27464	55.91	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121880	0.29729	55.81	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121880	0.32306	55.32	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121880	0.35309	55.72	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121880	0.38781	56.18	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121880	0.42861	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121880	0.47694	55.63	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121880	0.53514	55.9	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121880	0.60504	56.41	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121880	0.69195	56.49	313.5	1.5	ANNUAL	SRCGP6	5

605892.2	4121880	0.80398	55.84	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121880	0.94673	56.09	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121880	1.13587	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121880	1.39194	56.53	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121880	1.75749	56.7	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121880	2.3011	56.92	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121880	3.15787	57.09	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121880	4.57825	57.3	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121880	7.09923	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121880	8.20606	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121880	1.20523	58.72	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121880	1.07395	58.93	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121880	0.96799	58.94	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121880	0.87912	58.94	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121880	0.80297	58.99	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121880	0.73748	58.98	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121880	0.68199	58.58	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121880	0.63127	58.55	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121880	0.58482	58.89	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121880	0.54267	59.44	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121880	0.50532	59.84	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121880	0.47312	59.63	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121880	0.44315	59.68	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121880	0.4157	59.76	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121880	0.39073	59.73	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121880	0.36775	59.69	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121880	0.34703	59.33	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121880	0.32695	59.59	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121880	0.30849	59.76	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121880	0.29139	59.92	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121880	0.27554	60.04	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121900	0.23357	55.74	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121900	0.25061	54.98	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121900	0.27022	55.45	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121900	0.2924	55.88	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121900	0.31764	55.94	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121900	0.34647	55.35	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121900	0.38027	55.74	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121900	0.41947	56.28	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121900	0.46607	56.2	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121900	0.52169	55.66	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121900	0.58906	56.01	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121900	0.6702	56.52	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121900	0.77241	56.6	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121900	0.90593	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121900	1.07635	55.86	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121900	1.30328	55.96	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121900	1.61351	56.1	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121900	2.04921	56.34	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121900	2.6827	56.46	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121900	3.63373	56.6	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121900	5.12213	56.73	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121900	7.55643	57.12	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121900	5.6189	57.56	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121900	1.14613	58.71	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121900	1.02945	58.9	313.5	1.5	ANNUAL	SRCGP6	5
606492.2	4121900	0.93284	58.94	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121900	0.85065	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121900	0.77969	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606552.2	4121900	0.71755	58.98	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121900	0.66429	58.66	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121900	0.61556	58.66	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121900	0.57097	58.96	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121900	0.53026	59.49	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121900	0.49409	59.84	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121900	0.4628	59.56	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121900	0.43305	59.8	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121900	0.40623	59.84	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121900	0.38173	59.8	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121900	0.35921	59.72	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121900	0.33849	59.58	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121900	0.31903	59.64	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121900	0.30101	59.69	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121900	0.2843	59.73	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121900	0.26876	59.79	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121920	0.24693	55.77	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121920	0.2657	55.08	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121920	0.28732	55.52	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121920	0.31189	55.96	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121920	0.33998	56.03	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121920	0.3723	55.4	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121920	0.41032	55.84	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121920	0.4547	56.25	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121920	0.50769	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121920	0.57127	55.71	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121920	0.6486	56.11	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121920	0.74195	56.61	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121920	0.86137	56.54	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121920	1.01515	55.89	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121920	1.2112	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121920	1.46651	56.6	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121920	1.81059	56.78	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121920	2.28192	56.94	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121920	2.94325	57.03	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121920	3.88743	57.22	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121920	5.30636	57.35	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121920	7.62019	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121920	7.80303	57.65	313.5	1.5	ANNUAL	SRCGP6	5
606452.2	4121920	1.09937	58.81	313.5	1.5	ANNUAL	SRCGP6	5
606472.2	4121920	0.99406	58.89	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121920	0.75961	58.98	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121920	0.64746	59.02	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121920	0.60068	58.95	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121920	0.55804	59.06	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121920	0.51844	59.57	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121920	0.48308	59.92	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121920	0.45218	59.72	313.5	1.5	ANNUAL	SRCGP6	5

606692.2	4121920	0.42246	60.21	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121920	0.39592	60.37	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121920	0.37186	60.34	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121920	0.34964	60.33	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121920	0.32923	60.24	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121920	0.31023	60.23	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121920	0.29258	60.26	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121920	0.27616	60.32	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121920	0.26111	60.2	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121940	0.26143	55.83	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121940	0.28227	55.73	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121940	0.306	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121940	0.33313	56.07	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121940	0.36435	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121940	0.40066	56.07	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121940	0.44307	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121940	0.49295	56.32	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121940	0.55284	56.19	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121940	0.6248	55.69	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121940	0.71223	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121940	0.81838	56.6	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121940	0.95234	56.63	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121940	1.12504	55.91	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121940	1.341	56.41	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121940	1.61725	56.79	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121940	1.98081	57.02	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121940	2.4672	57.1	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121940	3.12726	57.15	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121940	4.03745	57.41	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121940	5.39206	57.53	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121940	7.64012	57.57	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121940	8.19784	57.6	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121940	0.74071	59.13	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121940	0.63197	59.3	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121940	0.58706	59.07	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121940	0.54543	59.18	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121940	0.50672	59.68	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121940	0.47229	59.92	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121940	0.44187	59.72	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121940	0.41252	60.26	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121940	0.38456	60.53	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121940	0.36209	60.42	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121940	0.34017	60.44	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121940	0.31894	60.53	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121940	0.29941	60.59	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121940	0.28046	60.79	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121940	0.26455	60.82	313.5	1.5	ANNUAL	SRCGP6	5
606852.2	4121940	0.25308	60.44	313.5	1.5	ANNUAL	SRCGP6	5
605632.2	4121960	0.27708	55.85	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121960	0.29999	55.89	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121960	0.32612	56.01	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121960	0.35611	56.04	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121960	0.39072	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121960	0.43094	56.23	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121960	0.47816	56.25	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121960	0.5338	56.37	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121960	0.60073	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121960	0.68088	55.81	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121960	0.77725	56.44	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121960	0.89464	56.7	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121960	1.04223	56.59	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121960	1.2284	55.98	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121960	1.45776	56.44	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121960	1.74848	56.62	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121960	2.11862	56.88	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121960	2.60676	56.82	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121960	3.25038	56.93	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121960	4.13978	57.06	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121960	5.45385	57.27	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4121960	7.68714	57.27	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121960	5.3334	57.32	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121960	0.61752	59.37	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121960	0.57396	59.04	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121960	0.53273	59.3	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121960	0.49484	59.78	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121960	0.46139	59.85	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121960	0.43132	59.68	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121960	0.40232	60.27	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121960	0.37486	60.5	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121960	0.3538	59.99	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121960	0.33184	60.21	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121960	0.31178	60.29	313.5	1.5	ANNUAL	SRCGP6	5
606792.2	4121960	0.29336	60.3	313.5	1.5	ANNUAL	SRCGP6	5
606812.2	4121960	0.27106	60.95	313.5	1.5	ANNUAL	SRCGP6	5
606832.2	4121960	0.25488	61.06	313.49	1.5	ANNUAL	SRCGP6	5
606852.2	4121960	0.24388	60.64	313.49	1.5	ANNUAL	SRCGP6	5
605632.2	4121980	0.29379	55.56	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4121980	0.31889	55.59	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4121980	0.34757	55.6	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4121980	0.38055	55.62	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4121980	0.41874	55.76	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4121980	0.4632	55.91	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4121980	0.51527	56.03	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4121980	0.57668	56.13	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4121980	0.64983	56.02	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4121980	0.73734	56.01	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4121980	0.84143	56.54	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4121980	0.96793	56.74	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4121980	1.1262	56.39	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4121980	1.31934	56.1	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4121980	1.55633	56.29	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4121980	1.8522	56.33	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4121980	2.22573	56.28	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4121980	2.70373	56.31	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4121980	3.3316	56.46	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4121980	4.20502	56.53	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4121980	5.53113	56.51	313.5	1.5	ANNUAL	SRCGP6	5

606052.2	4121980	7.80108	56.55	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4121980	7.72964	56.68	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4121980	0.76512	59.33	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4121980	0.70583	59.19	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4121980	0.60298	59.39	313.5	1.5	ANNUAL	SRCGP6	5
606592.2	4121980	0.55997	59.17	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4121980	0.51969	59.39	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4121980	0.48269	59.8	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4121980	0.44992	59.8	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4121980	0.42028	59.63	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4121980	0.39173	60.23	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4121980	0.36648	60.31	313.5	1.5	ANNUAL	SRCGP6	5
606732.2	4121980	0.34398	59.92	313.5	1.5	ANNUAL	SRCGP6	5
606752.2	4121980	0.31951	60.62	313.5	1.5	ANNUAL	SRCGP6	5
606772.2	4121980	0.29859	60.75	313.49	1.5	ANNUAL	SRCGP6	5
606792.2	4121980	0.28398	60.42	313.49	1.5	ANNUAL	SRCGP6	5
606812.2	4121980	0.26236	61.02	312.87	1.5	ANNUAL	SRCGP6	5
606832.2	4121980	0.24588	61.24	61.24	1.5	ANNUAL	SRCGP6	5
606852.2	4121980	0.23415	60.87	60.87	1.5	ANNUAL	SRCGP6	5
605632.2	4122000	0.31142	55.03	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4122000	0.3388	55.11	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4122000	0.3701	55.17	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4122000	0.40614	55.28	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4122000	0.44777	55.34	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4122000	0.49615	55.33	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4122000	0.5528	55.43	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4122000	0.61937	55.47	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4122000	0.69819	55.61	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4122000	0.79194	56.01	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4122000	0.9022	56.55	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4122000	1.03463	56.76	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4122000	1.19871	56.29	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4122000	1.3944	56.27	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4122000	1.62703	56.8	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4122000	1.91611	56.92	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4122000	2.28639	56.5	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4122000	2.74964	56.47	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4122000	3.33967	56.97	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4122000	4.17411	57.12	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4122000	5.49456	56.72	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4122000	7.73831	56.73	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4122000	8.20495	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4122000	2.30625	58.13	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4122000	2.03685	58.23	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4122000	1.80839	58.26	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4122000	1.61366	58.24	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4122000	0.7454	59.49	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4122000	0.68767	59.37	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4122000	0.506	59.48	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4122000	0.46962	59.92	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4122000	0.43743	59.92	313.5	1.5	ANNUAL	SRCGP6	5
606672.2	4122000	0.40827	59.77	313.5	1.5	ANNUAL	SRCGP6	5
606692.2	4122000	0.38047	60.24	313.5	1.5	ANNUAL	SRCGP6	5
606712.2	4122000	0.35576	60.26	313.49	1.5	ANNUAL	SRCGP6	5
606732.2	4122000	0.33369	59.84	313.49	1.5	ANNUAL	SRCGP6	5
606752.2	4122000	0.3107	60.49	313.48	1.5	ANNUAL	SRCGP6	5
606772.2	4122000	0.28878	60.84	60.84	1.5	ANNUAL	SRCGP6	5
606792.2	4122000	0.27404	60.49	60.49	1.5	ANNUAL	SRCGP6	5
606812.2	4122000	0.25336	61.1	61.1	1.5	ANNUAL	SRCGP6	5
606832.2	4122000	0.23772	61.23	61.23	1.5	ANNUAL	SRCGP6	5
606852.2	4122000	0.22632	60.87	60.87	1.5	ANNUAL	SRCGP6	5
605632.2	4122020	0.33033	55.56	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4122020	0.36003	55.7	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4122020	0.39392	55.68	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4122020	0.43292	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4122020	0.47787	55.92	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4122020	0.52995	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4122020	0.59059	55.86	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4122020	0.66149	55.89	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4122020	0.74462	56.08	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4122020	0.8423	56.26	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4122020	0.95703	56.52	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4122020	1.09217	56.81	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4122020	1.2564	56.61	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4122020	1.45118	56.61	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4122020	1.68257	56.85	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4122020	1.96512	56.95	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4122020	2.31915	56.8	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4122020	2.76551	56.79	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4122020	3.34387	57.07	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4122020	4.15747	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4122020	5.44614	56.99	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4122020	7.6764	56.95	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4122020	5.13725	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4122020	2.50482	58.35	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4122020	2.18239	59.31	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4122020	1.93405	59.32	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4122020	1.72314	59.3	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4122020	1.54449	59.14	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4122020	0.72657	59.43	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4122020	0.66951	59.46	313.5	1.5	ANNUAL	SRCGP6	5
606612.2	4122020	0.49143	59.61	313.5	1.5	ANNUAL	SRCGP6	5
606632.2	4122020	0.45593	59.97	313.5	1.5	ANNUAL	SRCGP6	5
606652.2	4122020	0.42438	59.95	313.49	1.5	ANNUAL	SRCGP6	5
606672.2	4122020	0.39568	59.85	313.49	1.5	ANNUAL	SRCGP6	5
606692.2	4122020	0.36857	60.25	313.48	1.5	ANNUAL	SRCGP6	5
606712.2	4122020	0.34442	60.24	60.24	1.5	ANNUAL	SRCGP6	5
606732.2	4122020	0.32288	59.77	59.77	1.5	ANNUAL	SRCGP6	5
606752.2	4122020	0.30127	60.42	60.42	1.5	ANNUAL	SRCGP6	5
606772.2	4122020	0.27902	60.85	60.85	1.5	ANNUAL	SRCGP6	5
606792.2	4122020	0.26507	60.48	60.48	1.5	ANNUAL	SRCGP6	5
606812.2	4122020	0.24461	61.07	61.07	1.5	ANNUAL	SRCGP6	5
606832.2	4122020	0.23038	61.04	61.04	1.5	ANNUAL	SRCGP6	5
606852.2	4122020	0.22029	60.63	60.63	1.5	ANNUAL	SRCGP6	5
605632.2	4122040	0.34977	55.8	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4122040	0.38165	55.84	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4122040	0.41804	55.92	313.5	1.5	ANNUAL	SRCGP6	5

605692.2	4122040	0.4597	56	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4122040	0.50756	56.09	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4122040	0.56279	56.09	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4122040	0.62665	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4122040	0.70072	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4122040	0.78681	56.3	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4122040	0.88678	56.49	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4122040	1.00374	56.6	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4122040	1.14062	56.73	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4122040	1.30252	56.74	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4122040	1.49336	56.83	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4122040	1.7205	56.95	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4122040	1.99458	57.07	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4122040	2.33496	57.05	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4122040	2.76431	57.14	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4122040	3.33355	57.23	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4122040	4.14239	57.25	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4122040	5.39747	57.24	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4122040	7.60207	57.27	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4122040	7.44852	57.36	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4122040	2.41815	58.46	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4122040	2.11028	59.32	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4122040	1.87113	59.36	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4122040	1.66868	59.37	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4122040	1.49712	59.25	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4122040	0.70708	59.41	313.5	1.5	ANNUAL	SRCGP6	5
606532.2	4122040	0.65083	59.52	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4122040	0.55476	59.64	313.49	1.5	ANNUAL	SRCGP6	5
606592.2	4122040	0.51424	59.39	313.49	1.5	ANNUAL	SRCGP6	5
606612.2	4122040	0.47608	59.7	313.48	1.5	ANNUAL	SRCGP6	5
606632.2	4122040	0.44158	59.94	313.48	1.5	ANNUAL	SRCGP6	5
606652.2	4122040	0.41076	59.87	312.87	1.5	ANNUAL	SRCGP6	5
606672.2	4122040	0.38257	59.82	59.82	1.5	ANNUAL	SRCGP6	5
606692.2	4122040	0.35605	60.25	60.25	1.5	ANNUAL	SRCGP6	5
606712.2	4122040	0.3325	60.23	60.23	1.5	ANNUAL	SRCGP6	5
606732.2	4122040	0.31159	59.7	59.7	1.5	ANNUAL	SRCGP6	5
606752.2	4122040	0.29096	60.35	60.35	1.5	ANNUAL	SRCGP6	5
606772.2	4122040	0.26936	60.76	60.76	1.5	ANNUAL	SRCGP6	5
606792.2	4122040	0.2562	60.31	60.31	1.5	ANNUAL	SRCGP6	5
606812.2	4122040	0.23693	60.87	60.87	1.5	ANNUAL	SRCGP6	5
606832.2	4122040	0.22359	60.81	60.81	1.5	ANNUAL	SRCGP6	5
606852.2	4122040	0.21347	60.43	60.43	1.5	ANNUAL	SRCGP6	5
605632.2	4122060	0.36946	55.67	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4122060	0.40343	55.84	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4122060	0.44204	55.99	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4122060	0.48605	55.85	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4122060	0.53641	55.86	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4122060	0.59414	55.96	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4122060	0.66045	56.03	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4122060	0.73673	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4122060	0.82473	56.17	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4122060	0.92623	56.29	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4122060	1.04365	56.42	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4122060	1.1801	56.51	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4122060	1.33924	56.61	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4122060	1.52691	56.64	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4122060	1.74636	56.94	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4122060	2.0129	57.06	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4122060	2.34549	56.99	313.5	1.5	ANNUAL	SRCGP6	5
605972.2	4122060	2.758	57.33	313.5	1.5	ANNUAL	SRCGP6	5
605992.2	4122060	3.31723	57.38	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4122060	4.11604	57.39	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4122060	5.34741	57.52	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4122060	7.56298	57.38	313.5	1.5	ANNUAL	SRCGP6	5
606072.2	4122060	4.72394	57.42	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4122060	2.34203	58.86	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4122060	2.05262	59.32	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4122060	1.81929	59.41	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4122060	1.62484	59.3	313.5	1.5	ANNUAL	SRCGP6	5
606352.2	4122060	1.45663	59.31	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4122060	0.53631	59.95	59.95	1.5	ANNUAL	SRCGP6	5
606592.2	4122060	0.49717	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606612.2	4122060	0.4599	59.76	59.76	1.5	ANNUAL	SRCGP6	5
606632.2	4122060	0.42642	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606652.2	4122060	0.39628	59.82	59.82	1.5	ANNUAL	SRCGP6	5
606672.2	4122060	0.36882	59.76	59.76	1.5	ANNUAL	SRCGP6	5
606692.2	4122060	0.34311	60.13	60.13	1.5	ANNUAL	SRCGP6	5
606712.2	4122060	0.32016	60.16	60.16	1.5	ANNUAL	SRCGP6	5
606732.2	4122060	0.29977	59.71	59.71	1.5	ANNUAL	SRCGP6	5
606752.2	4122060	0.27985	60.34	60.34	1.5	ANNUAL	SRCGP6	5
606772.2	4122060	0.26117	60.53	60.53	1.5	ANNUAL	SRCGP6	5
606792.2	4122060	0.24649	60.11	60.11	1.5	ANNUAL	SRCGP6	5
606812.2	4122060	0.2286	60.76	60.76	1.5	ANNUAL	SRCGP6	5
606832.2	4122060	0.21589	60.69	60.69	1.5	ANNUAL	SRCGP6	5
606852.2	4122060	0.20558	60.34	60.34	1.5	ANNUAL	SRCGP6	5
607052.2	4122060	0.1234	60.26	60.26	1.5	ANNUAL	SRCGP6	5
605632.2	4122080	0.389	55.28	313.5	1.5	ANNUAL	SRCGP6	5
605652.2	4122080	0.4249	55.67	313.5	1.5	ANNUAL	SRCGP6	5
605672.2	4122080	0.46544	55.87	313.5	1.5	ANNUAL	SRCGP6	5
605692.2	4122080	0.51117	55.44	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4122080	0.56351	55.65	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4122080	0.62304	55.76	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4122080	0.69083	55.69	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4122080	0.76839	55.78	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4122080	0.85718	55.93	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4122080	0.95892	55.93	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4122080	1.07597	55.94	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4122080	1.2109	56.12	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4122080	1.36746	56.24	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4122080	1.55168	56.21	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4122080	1.76848	56.4	313.5	1.5	ANNUAL	SRCGP6	5
605932.2	4122080	2.0301	56.54	313.5	1.5	ANNUAL	SRCGP6	5
605952.2	4122080	2.35673	56.52	313.5	1.5	ANNUAL	SRCGP6	5
606272.2	4122080	2.28942	58.81	313.5	1.5	ANNUAL	SRCGP6	5
606292.2	4122080	2.00506	59.28	313.5	1.5	ANNUAL	SRCGP6	5
606312.2	4122080	1.77694	59.33	313.5	1.5	ANNUAL	SRCGP6	5
606332.2	4122080	1.58518	59.3	313.49	1.5	ANNUAL	SRCGP6	5

606352.2	4122080	1.41863	59.48	313.49	1.5	ANNUAL	SRCGP6	5
606572.2	4122080	0.51774	59.94	59.94	1.5	ANNUAL	SRCGP6	5
606592.2	4122080	0.47941	59.46	59.46	1.5	ANNUAL	SRCGP6	5
606612.2	4122080	0.44366	59.42	59.42	1.5	ANNUAL	SRCGP6	5
606632.2	4122080	0.41089	59.57	59.57	1.5	ANNUAL	SRCGP6	5
606652.2	4122080	0.38136	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606672.2	4122080	0.35462	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606692.2	4122080	0.33002	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606712.2	4122080	0.30771	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606732.2	4122080	0.28746	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606752.2	4122080	0.26849	60.33	60.33	1.5	ANNUAL	SRCGP6	5
606772.2	4122080	0.2516	60.39	60.39	1.5	ANNUAL	SRCGP6	5
606792.2	4122080	0.23664	59.93	59.93	1.5	ANNUAL	SRCGP6	5
606812.2	4122080	0.22156	60.46	60.46	1.5	ANNUAL	SRCGP6	5
606892.2	4122080	0.17617	60.42	60.42	1.5	ANNUAL	SRCGP6	5
606912.2	4122080	0.16648	60.49	60.49	1.5	ANNUAL	SRCGP6	5
606932.2	4122080	0.1587	60.24	60.24	1.5	ANNUAL	SRCGP6	5
605632.2	4122100	0.40826	55.21	313.49	1.5	ANNUAL	SRCGP6	5
605652.2	4122100	0.44567	55.57	313.49	1.5	ANNUAL	SRCGP6	5
605672.2	4122100	0.4877	55.76	313.49	1.5	ANNUAL	SRCGP6	5
605692.2	4122100	0.53476	55.3	313.5	1.5	ANNUAL	SRCGP6	5
605712.2	4122100	0.58861	55.89	313.5	1.5	ANNUAL	SRCGP6	5
605732.2	4122100	0.64904	56.15	313.5	1.5	ANNUAL	SRCGP6	5
605752.2	4122100	0.71764	55.79	313.5	1.5	ANNUAL	SRCGP6	5
605772.2	4122100	0.79546	55.89	313.5	1.5	ANNUAL	SRCGP6	5
605792.2	4122100	0.88334	56.3	313.5	1.5	ANNUAL	SRCGP6	5
605812.2	4122100	0.98418	56.22	313.5	1.5	ANNUAL	SRCGP6	5
605832.2	4122100	1.09982	55.9	313.5	1.5	ANNUAL	SRCGP6	5
605852.2	4122100	1.22981	56.57	313.5	1.5	ANNUAL	SRCGP6	5
605872.2	4122100	1.37815	57.11	313.5	1.5	ANNUAL	SRCGP6	5
605892.2	4122100	1.56186	56.55	313.5	1.5	ANNUAL	SRCGP6	5
605912.2	4122100	1.7711	56.81	313.5	1.5	ANNUAL	SRCGP6	5
606572.2	4122100	0.49817	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606592.2	4122100	0.46032	59.6	59.6	1.5	ANNUAL	SRCGP6	5
606612.2	4122100	0.42517	59.76	59.76	1.5	ANNUAL	SRCGP6	5
606632.2	4122100	0.39356	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606652.2	4122100	0.36494	59.93	59.93	1.5	ANNUAL	SRCGP6	5
606672.2	4122100	0.33899	60.02	60.02	1.5	ANNUAL	SRCGP6	5
606692.2	4122100	0.31557	60.02	60.02	1.5	ANNUAL	SRCGP6	5
606712.2	4122100	0.29449	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606852.2	4122100	0.18944	60.08	60.08	1.5	ANNUAL	SRCGP6	5
606872.2	4122100	0.17907	60.09	60.09	1.5	ANNUAL	SRCGP6	5
606892.2	4122100	0.16869	60.5	60.5	1.5	ANNUAL	SRCGP6	5
606912.2	4122100	0.16061	60.39	60.39	1.5	ANNUAL	SRCGP6	5
606932.2	4122100	0.15271	60.04	60.04	1.5	ANNUAL	SRCGP6	5
605632.2	4122120	0.42669	55.07	313.48	1.5	ANNUAL	SRCGP6	5
605652.2	4122120	0.46532	55.54	313.48	1.5	ANNUAL	SRCGP6	5
605672.2	4122120	0.50838	55.64	313.48	1.5	ANNUAL	SRCGP6	5
605692.2	4122120	0.5563	55.21	313.48	1.5	ANNUAL	SRCGP6	5
605712.2	4122120	0.61092	55.84	313.48	1.5	ANNUAL	SRCGP6	5
605732.2	4122120	0.67164	56.25	313.48	1.5	ANNUAL	SRCGP6	5
605752.2	4122120	0.74038	55.78	313.49	1.5	ANNUAL	SRCGP6	5
605772.2	4122120	0.81777	56.01	313.49	1.5	ANNUAL	SRCGP6	5
605792.2	4122120	0.90433	56.41	313.48	1.5	ANNUAL	SRCGP6	5
605812.2	4122120	1.00391	56.21	313.49	1.5	ANNUAL	SRCGP6	5
605832.2	4122120	1.11712	56.07	313.49	1.5	ANNUAL	SRCGP6	5
605852.2	4122120	1.24356	56.68	313.49	1.5	ANNUAL	SRCGP6	5
605872.2	4122120	1.38831	57.19	313.48	1.5	ANNUAL	SRCGP6	5
605992.2	4122120	3.3191	56.39	313.5	1.5	ANNUAL	SRCGP6	5
606012.2	4122120	4.12944	56.49	313.5	1.5	ANNUAL	SRCGP6	5
606032.2	4122120	5.42424	56.49	313.5	1.5	ANNUAL	SRCGP6	5
606052.2	4122120	7.74386	56.56	313.5	1.5	ANNUAL	SRCGP6	5
606512.2	4122120	0.61782	59.65	59.65	1.5	ANNUAL	SRCGP6	5
606532.2	4122120	0.56578	59.75	59.75	1.5	ANNUAL	SRCGP6	5
606552.2	4122120	0.51931	59.79	59.79	1.5	ANNUAL	SRCGP6	5
606572.2	4122120	0.47776	59.76	59.76	1.5	ANNUAL	SRCGP6	5
606592.2	4122120	0.44062	59.62	59.62	1.5	ANNUAL	SRCGP6	5
606772.2	4122120	0.23049	59.99	59.99	1.5	ANNUAL	SRCGP6	5
606792.2	4122120	0.21658	59.97	59.97	1.5	ANNUAL	SRCGP6	5
606812.2	4122120	0.20394	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606852.2	4122120	0.1815	60.05	60.05	1.5	ANNUAL	SRCGP6	5
606872.2	4122120	0.17172	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606892.2	4122120	0.16261	60.26	60.26	1.5	ANNUAL	SRCGP6	5
606912.2	4122120	0.15439	60.16	60.16	1.5	ANNUAL	SRCGP6	5
605632.2	4122140	0.44408	55.08	312.88	1.5	ANNUAL	SRCGP6	5
605652.2	4122140	0.4835	55.55	312.88	1.5	ANNUAL	SRCGP6	5
605672.2	4122140	0.52704	55.41	313.48	1.5	ANNUAL	SRCGP6	5
605692.2	4122140	0.57554	55.22	313.48	1.5	ANNUAL	SRCGP6	5
605712.2	4122140	0.63032	55.78	313.48	1.5	ANNUAL	SRCGP6	5
605732.2	4122140	0.69099	56.21	312.88	1.5	ANNUAL	SRCGP6	5
605752.2	4122140	0.75909	55.7	313.48	1.5	ANNUAL	SRCGP6	5
605772.2	4122140	0.83549	56.11	313.48	1.5	ANNUAL	SRCGP6	5
605792.2	4122140	0.92056	56.46	313.48	1.5	ANNUAL	SRCGP6	5
605812.2	4122140	1.01853	56.13	313.48	1.5	ANNUAL	SRCGP6	5
605832.2	4122140	1.12863	56.24	313.48	1.5	ANNUAL	SRCGP6	5
605852.2	4122140	1.25228	56.73	313.48	1.5	ANNUAL	SRCGP6	5
605932.2	4122140	2.02738	56.22	313.48	1.5	ANNUAL	SRCGP6	5
605952.2	4122140	2.3427	56.11	313.48	1.5	ANNUAL	SRCGP6	5
605972.2	4122140	2.74818	56.35	313.48	1.5	ANNUAL	SRCGP6	5
605992.2	4122140	3.30873	56.34	313.48	1.5	ANNUAL	SRCGP6	5
606012.2	4122140	4.13026	56.31	313.48	1.5	ANNUAL	SRCGP6	5
606032.2	4122140	5.44133	56.32	313.48	1.5	ANNUAL	SRCGP6	5
606052.2	4122140	7.82391	56.32	313.48	1.5	ANNUAL	SRCGP6	5
606072.2	4122140	5.17309	56.51	313.48	1.5	ANNUAL	SRCGP6	5
606132.2	4122140	9.53727	58.06	58.06	1.5	ANNUAL	SRCGP6	5
606152.2	4122140	6.88847	58.04	58.04	1.5	ANNUAL	SRCGP6	5
606172.2	4122140	5.2646	58.19	58.19	1.5	ANNUAL	SRCGP6	5
606652.2	4122140	0.33203	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606672.2	4122140	0.30824	59.96	59.96	1.5	ANNUAL	SRCGP6	5
606712.2	4122140	0.26757	60.03	60.03	1.5	ANNUAL	SRCGP6	5
606732.2	4122140	0.2501	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606752.2	4122140	0.23432	59.97	59.97	1.5	ANNUAL	SRCGP6	5
606772.2	4122140	0.21987	60.02	60.02	1.5	ANNUAL	SRCGP6	5
606792.2	4122140	0.20673	60.03	60.03	1.5	ANNUAL	SRCGP6	5
606812.2	4122140	0.195	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606832.2	4122140	0.18379	60.06	60.06	1.5	ANNUAL	SRCGP6	5
606852.2	4122140	0.17385	59.93	59.93	1.5	ANNUAL	SRCGP6	5

605632.2	4122160	0.46019	55.27	292.97	1.5	ANNUAL	SRCGP6	5
605652.2	4122160	0.49995	55.59	292.97	1.5	ANNUAL	SRCGP6	5
605672.2	4122160	0.5437	55.4	292.97	1.5	ANNUAL	SRCGP6	5
605692.2	4122160	0.59236	55.38	292.97	1.5	ANNUAL	SRCGP6	5
605712.2	4122160	0.64684	55.91	292.97	1.5	ANNUAL	SRCGP6	5
605732.2	4122160	0.70705	56.02	292.97	1.5	ANNUAL	SRCGP6	5
605752.2	4122160	0.77397	55.6	292.97	1.5	ANNUAL	SRCGP6	5
605772.2	4122160	0.84908	56.19	292.97	1.5	ANNUAL	SRCGP6	5
605792.2	4122160	0.93272	56.42	292.97	1.5	ANNUAL	SRCGP6	5
605812.2	4122160	1.02868	55.93	292.97	1.5	ANNUAL	SRCGP6	5
605832.2	4122160	1.13594	56.28	292.97	1.5	ANNUAL	SRCGP6	5
605912.2	4122160	1.77142	56.36	292.97	1.5	ANNUAL	SRCGP6	5
605932.2	4122160	2.01855	56.3	292.97	1.5	ANNUAL	SRCGP6	5
605952.2	4122160	2.33221	56.12	292.97	1.5	ANNUAL	SRCGP6	5
605972.2	4122160	2.74133	56.11	292.97	1.5	ANNUAL	SRCGP6	5
605992.2	4122160	3.30159	56.22	292.97	1.5	ANNUAL	SRCGP6	5
606012.2	4122160	4.1315	56.15	56.15	1.5	ANNUAL	SRCGP6	5
606032.2	4122160	5.46205	56.14	56.14	1.5	ANNUAL	SRCGP6	5
606052.2	4122160	7.88447	56.19	56.19	1.5	ANNUAL	SRCGP6	5
606072.2	4122160	7.74245	56.49	56.49	1.5	ANNUAL	SRCGP6	5
606132.2	4122160	9.4735	58.03	58.03	1.5	ANNUAL	SRCGP6	5
606152.2	4122160	6.81819	58.1	58.1	1.5	ANNUAL	SRCGP6	5
606172.2	4122160	5.21133	58.22	58.22	1.5	ANNUAL	SRCGP6	5
606512.2	4122160	0.56552	59.43	59.43	1.5	ANNUAL	SRCGP6	5
606532.2	4122160	0.51612	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606552.2	4122160	0.47268	59.57	59.57	1.5	ANNUAL	SRCGP6	5
606652.2	4122160	0.31521	59.85	59.85	1.5	ANNUAL	SRCGP6	5
606672.2	4122160	0.29282	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606712.2	4122160	0.25439	60	60	1.5	ANNUAL	SRCGP6	5
606732.2	4122160	0.23796	60	60	1.5	ANNUAL	SRCGP6	5
606752.2	4122160	0.22311	59.96	59.96	1.5	ANNUAL	SRCGP6	5
606772.2	4122160	0.20961	59.93	59.93	1.5	ANNUAL	SRCGP6	5
606792.2	4122160	0.19733	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606872.2	4122160	0.15788	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606892.2	4122160	0.14992	59.78	59.78	1.5	ANNUAL	SRCGP6	5
606912.2	4122160	0.14255	59.92	59.92	1.5	ANNUAL	SRCGP6	5
605632.2	4122180	0.47452	55.2	292.97	1.5	ANNUAL	SRCGP6	5
605652.2	4122180	0.51431	55.38	292.97	1.5	ANNUAL	SRCGP6	5
605672.2	4122180	0.55796	55.24	292.97	1.5	ANNUAL	SRCGP6	5
605692.2	4122180	0.60642	55.35	292.97	1.5	ANNUAL	SRCGP6	5
605712.2	4122180	0.66023	55.68	292.97	1.5	ANNUAL	SRCGP6	5
605732.2	4122180	0.71968	55.8	292.97	1.5	ANNUAL	SRCGP6	5
605752.2	4122180	0.78538	55.52	292.97	1.5	ANNUAL	SRCGP6	5
605772.2	4122180	0.85919	56.14	292.97	1.5	ANNUAL	SRCGP6	5
605792.2	4122180	0.94158	56.17	292.97	1.5	ANNUAL	SRCGP6	5
605812.2	4122180	1.03469	55.81	292.97	1.5	ANNUAL	SRCGP6	5
605832.2	4122180	1.13948	56.34	292.97	1.5	ANNUAL	SRCGP6	5
605892.2	4122180	1.56557	56.39	292.97	1.5	ANNUAL	SRCGP6	5
605912.2	4122180	1.76384	56.41	292.97	1.5	ANNUAL	SRCGP6	5
605932.2	4122180	2.01002	56.21	292.97	1.5	ANNUAL	SRCGP6	5
605952.2	4122180	2.31879	56.29	292.97	1.5	ANNUAL	SRCGP6	5
605972.2	4122180	2.72441	56.37	56.37	1.5	ANNUAL	SRCGP6	5
605992.2	4122180	3.28757	56.33	56.33	1.5	ANNUAL	SRCGP6	5
606012.2	4122180	4.12276	56.21	56.21	1.5	ANNUAL	SRCGP6	5
606032.2	4122180	5.4617	56.22	56.22	1.5	ANNUAL	SRCGP6	5
606052.2	4122180	7.90997	56.22	56.22	1.5	ANNUAL	SRCGP6	5
606132.2	4122180	9.38713	58.08	58.08	1.5	ANNUAL	SRCGP6	5
606152.2	4122180	6.76137	58.13	58.13	1.5	ANNUAL	SRCGP6	5
606172.2	4122180	5.16559	58.22	58.22	1.5	ANNUAL	SRCGP6	5
606332.2	4122180	1.40234	58.8	58.8	1.5	ANNUAL	SRCGP6	5
606352.2	4122180	1.25251	57.63	59.63	1.5	ANNUAL	SRCGP6	5
606672.2	4122180	0.2777	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606712.2	4122180	0.24154	59.93	59.93	1.5	ANNUAL	SRCGP6	5
606812.2	4122180	0.17782	59.66	59.66	1.5	ANNUAL	SRCGP6	5
606832.2	4122180	0.1682	59.71	59.71	1.5	ANNUAL	SRCGP6	5
606852.2	4122180	0.15935	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606872.2	4122180	0.15128	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606892.2	4122180	0.14385	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606912.2	4122180	0.137	59.94	59.94	1.5	ANNUAL	SRCGP6	5
605872.2	4122200	1.39674	56.28	292.97	1.5	ANNUAL	SRCGP6	5
605892.2	4122200	1.55848	56.46	292.97	1.5	ANNUAL	SRCGP6	5
605912.2	4122200	1.75594	56.3	56.3	1.5	ANNUAL	SRCGP6	5
605932.2	4122200	1.99946	56.19	56.19	1.5	ANNUAL	SRCGP6	5
605952.2	4122200	2.30715	56.27	56.27	1.5	ANNUAL	SRCGP6	5
605972.2	4122200	2.71367	56.31	56.31	1.5	ANNUAL	SRCGP6	5
605992.2	4122200	3.27965	56.25	56.25	1.5	ANNUAL	SRCGP6	5
606012.2	4122200	4.11779	56.2	56.2	1.5	ANNUAL	SRCGP6	5
606032.2	4122200	5.46978	56.22	56.22	1.5	ANNUAL	SRCGP6	5
606052.2	4122200	7.95616	56.26	56.26	1.5	ANNUAL	SRCGP6	5
606072.2	4122200	5.26577	56.49	56.49	1.5	ANNUAL	SRCGP6	5
606132.2	4122200	9.35274	57.98	57.98	1.5	ANNUAL	SRCGP6	5
606152.2	4122200	6.72092	58.09	58.09	1.5	ANNUAL	SRCGP6	5
606172.2	4122200	5.12574	58.17	58.17	1.5	ANNUAL	SRCGP6	5
606332.2	4122200	1.36255	57.98	57.98	1.5	ANNUAL	SRCGP6	5
606352.2	4122200	1.20809	57.32	57.32	1.5	ANNUAL	SRCGP6	5
606672.2	4122200	0.26301	59.39	59.39	1.5	ANNUAL	SRCGP6	5
606752.2	4122200	0.20198	59.75	59.75	1.5	ANNUAL	SRCGP6	5
606772.2	4122200	0.19023	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606792.2	4122200	0.17948	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606812.2	4122200	0.16973	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606832.2	4122200	0.16081	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606852.2	4122200	0.15261	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606872.2	4122200	0.14507	59.94	59.94	1.5	ANNUAL	SRCGP6	5
606892.2	4122200	0.13819	59.84	59.84	1.5	ANNUAL	SRCGP6	5
605872.2	4122220	1.3886	56.62	56.62	1.5	ANNUAL	SRCGP6	5
605892.2	4122220	1.55037	56.43	56.43	1.5	ANNUAL	SRCGP6	5
605912.2	4122220	1.74547	56.32	56.32	1.5	ANNUAL	SRCGP6	5
605932.2	4122220	1.98621	56.33	56.33	1.5	ANNUAL	SRCGP6	5
605952.2	4122220	2.2945	56.25	56.25	1.5	ANNUAL	SRCGP6	5
605972.2	4122220	2.70087	56.31	56.31	1.5	ANNUAL	SRCGP6	5
605992.2	4122220	3.2679	56.27	56.27	1.5	ANNUAL	SRCGP6	5
606012.2	4122220	4.11088	56.21	56.21	1.5	ANNUAL	SRCGP6	5
606032.2	4122220	5.47433	56.24	56.24	1.5	ANNUAL	SRCGP6	5
606052.2	4122220	7.9848	56.33	56.33	1.5	ANNUAL	SRCGP6	5
606132.2	4122220	9.29266	58.08	58.08	1.5	ANNUAL	SRCGP6	5
606152.2	4122220	6.66662	58.18	58.18	1.5	ANNUAL	SRCGP6	5
606172.2	4122220	5.07428	58.24	58.24	1.5	ANNUAL	SRCGP6	5

606292.2	4122220	1.71707	58.14	58.14	1.5	ANNUAL	SRCGP6	5
606712.2	4122220	0.21724	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606732.2	4122220	0.20399	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606752.2	4122220	0.19197	59.94	59.94	1.5	ANNUAL	SRCGP6	5
606772.2	4122220	0.18114	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606792.2	4122220	0.17125	59.85	59.85	1.5	ANNUAL	SRCGP6	5
606812.2	4122220	0.16219	59.87	59.87	1.5	ANNUAL	SRCGP6	5
605872.2	4122240	1.38039	56.67	56.67	1.5	ANNUAL	SRCGP6	5
605892.2	4122240	1.5396	56.56	56.56	1.5	ANNUAL	SRCGP6	5
605912.2	4122240	1.73302	56.42	56.42	1.5	ANNUAL	SRCGP6	5
605932.2	4122240	1.9712	56.53	56.53	1.5	ANNUAL	SRCGP6	5
605952.2	4122240	2.27685	56.55	56.55	1.5	ANNUAL	SRCGP6	5
605972.2	4122240	2.68287	56.56	56.56	1.5	ANNUAL	SRCGP6	5
605992.2	4122240	3.24963	56.53	56.53	1.5	ANNUAL	SRCGP6	5
606012.2	4122240	4.09239	56.52	56.52	1.5	ANNUAL	SRCGP6	5
606032.2	4122240	5.46349	56.51	56.51	1.5	ANNUAL	SRCGP6	5
606052.2	4122240	7.99331	56.55	56.55	1.5	ANNUAL	SRCGP6	5
606132.2	4122240	9.25898	58.09	58.09	1.5	ANNUAL	SRCGP6	5
606152.2	4122240	6.61777	58.24	58.24	1.5	ANNUAL	SRCGP6	5
606192.2	4122240	3.97093	58.15	58.15	1.5	ANNUAL	SRCGP6	5
606292.2	4122240	1.65243	58.3	58.3	1.5	ANNUAL	SRCGP6	5
606312.2	4122240	1.43002	58.39	58.39	1.5	ANNUAL	SRCGP6	5
606332.2	4122240	1.24507	58.48	58.48	1.5	ANNUAL	SRCGP6	5
606352.2	4122240	1.09025	58.51	58.51	1.5	ANNUAL	SRCGP6	5
606392.2	4122240	0.8463	59.07	59.07	1.5	ANNUAL	SRCGP6	5
606412.2	4122240	0.75213	59.06	59.06	1.5	ANNUAL	SRCGP6	5
606452.2	4122240	0.60161	59.25	59.25	1.5	ANNUAL	SRCGP6	5
606472.2	4122240	0.54143	59.43	59.43	1.5	ANNUAL	SRCGP6	5
606712.2	4122240	0.20595	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606732.2	4122240	0.19375	59.92	59.92	1.5	ANNUAL	SRCGP6	5
606752.2	4122240	0.18273	59.88	59.88	1.5	ANNUAL	SRCGP6	5
605852.2	4122260	1.23749	57.05	57.05	1.5	ANNUAL	SRCGP6	5
605872.2	4122260	1.36741	57.21	57.21	1.5	ANNUAL	SRCGP6	5
605892.2	4122260	1.52247	57.32	57.32	1.5	ANNUAL	SRCGP6	5
605912.2	4122260	1.71136	57.38	57.38	1.5	ANNUAL	SRCGP6	5
605932.2	4122260	1.94575	57.5	57.5	1.5	ANNUAL	SRCGP6	5
605952.2	4122260	2.24755	57.52	57.52	1.5	ANNUAL	SRCGP6	5
605972.2	4122260	2.64576	57.67	57.67	1.5	ANNUAL	SRCGP6	5
605992.2	4122260	3.20292	57.72	57.72	1.5	ANNUAL	SRCGP6	5
606012.2	4122260	4.03534	57.69	57.69	1.5	ANNUAL	SRCGP6	5
606032.2	4122260	5.38287	57.73	57.73	1.5	ANNUAL	SRCGP6	5
606052.2	4122260	7.88388	57.78	57.78	1.5	ANNUAL	SRCGP6	5
606132.2	4122260	9.28485	57.6	57.6	1.5	ANNUAL	SRCGP6	5
606152.2	4122260	6.57753	58.06	58.06	1.5	ANNUAL	SRCGP6	5
606172.2	4122260	4.96038	58.21	58.21	1.5	ANNUAL	SRCGP6	5
606192.2	4122260	3.90113	58.18	58.18	1.5	ANNUAL	SRCGP6	5
606212.2	4122260	3.15758	58.08	58.08	1.5	ANNUAL	SRCGP6	5
606292.2	4122260	1.57818	58.24	58.24	1.5	ANNUAL	SRCGP6	5
606312.2	4122260	1.35711	58.44	58.44	1.5	ANNUAL	SRCGP6	5
606332.2	4122260	1.17481	58.62	58.62	1.5	ANNUAL	SRCGP6	5
606352.2	4122260	1.02336	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606392.2	4122260	0.78869	59.36	59.36	1.5	ANNUAL	SRCGP6	5
606412.2	4122260	0.69903	59.46	59.46	1.5	ANNUAL	SRCGP6	5
606452.2	4122260	0.55781	59.75	59.75	1.5	ANNUAL	SRCGP6	5
606472.2	4122260	0.50235	59.81	59.81	1.5	ANNUAL	SRCGP6	5
606712.2	4122260	0.19557	59.71	59.71	1.5	ANNUAL	SRCGP6	5
605852.2	4122280	1.22786	57.17	57.17	1.5	ANNUAL	SRCGP6	5
605872.2	4122280	1.34713	58.52	58.52	1.5	ANNUAL	SRCGP6	5
605892.2	4122280	1.49521	58.94	58.94	1.5	ANNUAL	SRCGP6	5
605912.2	4122280	1.68811	58.28	59.19	1.5	ANNUAL	SRCGP6	5
605932.2	4122280	1.93003	57.6	57.6	1.5	ANNUAL	SRCGP6	5
605952.2	4122280	2.23173	57.58	57.58	1.5	ANNUAL	SRCGP6	5
605972.2	4122280	2.62975	57.77	57.77	1.5	ANNUAL	SRCGP6	5
605992.2	4122280	3.18975	57.82	57.82	1.5	ANNUAL	SRCGP6	5
606012.2	4122280	4.02993	57.78	57.78	1.5	ANNUAL	SRCGP6	5
606032.2	4122280	5.39835	57.81	57.81	1.5	ANNUAL	SRCGP6	5
606052.2	4122280	7.91682	58.08	58.08	1.5	ANNUAL	SRCGP6	5
606172.2	4122280	4.87777	58.06	58.06	1.5	ANNUAL	SRCGP6	5
606192.2	4122280	3.81252	58.2	58.2	1.5	ANNUAL	SRCGP6	5
606212.2	4122280	3.06517	58.15	58.15	1.5	ANNUAL	SRCGP6	5
606232.2	4122280	2.512	58.18	58.18	1.5	ANNUAL	SRCGP6	5
606292.2	4122280	1.48875	58.3	58.3	1.5	ANNUAL	SRCGP6	5
606312.2	4122280	1.27249	58.48	58.48	1.5	ANNUAL	SRCGP6	5
606332.2	4122280	1.09585	58.66	58.66	1.5	ANNUAL	SRCGP6	5
606352.2	4122280	0.95046	58.83	58.83	1.5	ANNUAL	SRCGP6	5
606372.2	4122280	0.82953	59.12	59.12	1.5	ANNUAL	SRCGP6	5
606392.2	4122280	0.72898	59.4	59.4	1.5	ANNUAL	SRCGP6	5
606412.2	4122280	0.6456	59.45	59.45	1.5	ANNUAL	SRCGP6	5
606432.2	4122280	0.57525	59.54	59.54	1.5	ANNUAL	SRCGP6	5
606452.2	4122280	0.51536	59.75	59.75	1.5	ANNUAL	SRCGP6	5
606472.2	4122280	0.46468	59.79	59.79	1.5	ANNUAL	SRCGP6	5
606492.2	4122280	0.42135	59.75	59.75	1.5	ANNUAL	SRCGP6	5
606512.2	4122280	0.38398	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606532.2	4122280	0.35169	59.51	59.51	1.5	ANNUAL	SRCGP6	5
606552.2	4122280	0.32371	59.15	59.15	1.5	ANNUAL	SRCGP6	5
606572.2	4122280	0.29868	59.16	59.16	1.5	ANNUAL	SRCGP6	5
606892.2	4122280	0.11893	59.51	59.51	1.5	ANNUAL	SRCGP6	5
606912.2	4122280	0.11399	59.68	59.68	1.5	ANNUAL	SRCGP6	5
605632.2	4122300	0.52484	55.35	55.35	1.5	ANNUAL	SRCGP6	5
605652.2	4122300	0.56124	55.4	55.4	1.5	ANNUAL	SRCGP6	5
605672.2	4122300	0.60113	55.97	55.97	1.5	ANNUAL	SRCGP6	5
605692.2	4122300	0.6443	56.08	56.08	1.5	ANNUAL	SRCGP6	5
605852.2	4122300	1.21832	56.96	56.96	1.5	ANNUAL	SRCGP6	5
605872.2	4122300	1.3346	58.66	58.66	1.5	ANNUAL	SRCGP6	5
605892.2	4122300	1.47207	59.9	59.9	1.5	ANNUAL	SRCGP6	5
605912.2	4122300	1.66383	59.11	59.11	1.5	ANNUAL	SRCGP6	5
605932.2	4122300	1.91111	57.78	57.78	1.5	ANNUAL	SRCGP6	5
605952.2	4122300	2.21265	57.67	57.67	1.5	ANNUAL	SRCGP6	5
605972.2	4122300	2.61259	57.77	57.77	1.5	ANNUAL	SRCGP6	5
605992.2	4122300	3.17544	57.81	57.81	1.5	ANNUAL	SRCGP6	5
606012.2	4122300	4.02162	57.78	57.78	1.5	ANNUAL	SRCGP6	5
606032.2	4122300	5.40852	57.79	57.79	1.5	ANNUAL	SRCGP6	5
606052.2	4122300	7.9896	57.96	57.96	1.5	ANNUAL	SRCGP6	5
606292.2	4122300	1.3835	58.39	58.39	1.5	ANNUAL	SRCGP6	5
606312.2	4122300	1.17541	58.65	58.65	1.5	ANNUAL	SRCGP6	5
606332.2	4122300	1.00763	58.85	58.85	1.5	ANNUAL	SRCGP6	5
606352.2	4122300	0.87188	58.89	58.89	1.5	ANNUAL	SRCGP6	5

606392.2	4122300	0.66744	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606412.2	4122300	0.59154	59.49	59.49	1.5	ANNUAL	SRCGP6	5
606432.2	4122300	0.52755	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606452.2	4122300	0.47372	59.81	59.81	1.5	ANNUAL	SRCGP6	5
606472.2	4122300	0.42826	59.79	59.79	1.5	ANNUAL	SRCGP6	5
606492.2	4122300	0.38919	59.85	59.85	1.5	ANNUAL	SRCGP6	5
606512.2	4122300	0.35562	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606832.2	4122300	0.13085	59.44	59.44	1.5	ANNUAL	SRCGP6	5
606852.2	4122300	0.12503	59.77	59.77	1.5	ANNUAL	SRCGP6	5
606872.2	4122300	0.11977	59.64	59.64	1.5	ANNUAL	SRCGP6	5
606892.2	4122300	0.11482	59.72	59.72	1.5	ANNUAL	SRCGP6	5
606912.2	4122300	0.11023	59.72	59.72	1.5	ANNUAL	SRCGP6	5
605632.2	4122320	0.528	55.6	55.6	1.5	ANNUAL	SRCGP6	5
605652.2	4122320	0.56369	55.89	55.89	1.5	ANNUAL	SRCGP6	5
605672.2	4122320	0.6022	56.38	56.38	1.5	ANNUAL	SRCGP6	5
605692.2	4122320	0.64431	56.37	56.37	1.5	ANNUAL	SRCGP6	5
605772.2	4122320	0.85877	56.92	56.92	1.5	ANNUAL	SRCGP6	5
605792.2	4122320	0.9288	56.99	56.99	1.5	ANNUAL	SRCGP6	5
605852.2	4122320	1.20406	57.46	59.49	1.5	ANNUAL	SRCGP6	5
605872.2	4122320	1.31638	59.31	59.31	1.5	ANNUAL	SRCGP6	5
605892.2	4122320	1.46119	59.62	59.62	1.5	ANNUAL	SRCGP6	5
605912.2	4122320	1.64349	59.48	59.48	1.5	ANNUAL	SRCGP6	5
605932.2	4122320	1.89066	57.87	57.87	1.5	ANNUAL	SRCGP6	5
605952.2	4122320	2.19338	57.34	57.34	1.5	ANNUAL	SRCGP6	5
605972.2	4122320	2.58994	57.74	57.74	1.5	ANNUAL	SRCGP6	5
605992.2	4122320	3.15226	57.8	57.8	1.5	ANNUAL	SRCGP6	5
606012.2	4122320	3.99807	57.84	57.84	1.5	ANNUAL	SRCGP6	5
606032.2	4122320	5.38781	57.86	57.86	1.5	ANNUAL	SRCGP6	5
606392.2	4122320	0.60651	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606412.2	4122320	0.53878	59.52	59.52	1.5	ANNUAL	SRCGP6	5
606432.2	4122320	0.4823	59.54	59.54	1.5	ANNUAL	SRCGP6	5
606452.2	4122320	0.43409	59.91	59.91	1.5	ANNUAL	SRCGP6	5
606472.2	4122320	0.39397	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606752.2	4122320	0.15202	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606772.2	4122320	0.1446	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606792.2	4122320	0.13787	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606812.2	4122320	0.1317	59.77	59.77	1.5	ANNUAL	SRCGP6	5
606832.2	4122320	0.12597	59.72	59.72	1.5	ANNUAL	SRCGP6	5
606852.2	4122320	0.12058	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606872.2	4122320	0.11568	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606892.2	4122320	0.11105	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606912.2	4122320	0.10674	59.68	59.68	1.5	ANNUAL	SRCGP6	5
605632.2	4122340	0.5299	56.01	56.01	1.5	ANNUAL	SRCGP6	5
605652.2	4122340	0.56458	55.94	55.94	1.5	ANNUAL	SRCGP6	5
605672.2	4122340	0.60224	56.2	56.2	1.5	ANNUAL	SRCGP6	5
605692.2	4122340	0.64327	56.23	56.23	1.5	ANNUAL	SRCGP6	5
605712.2	4122340	0.68811	56.38	56.38	1.5	ANNUAL	SRCGP6	5
605732.2	4122340	0.7361	57.25	57.25	1.5	ANNUAL	SRCGP6	5
605752.2	4122340	0.78779	58.37	58.37	1.5	ANNUAL	SRCGP6	5
605772.2	4122340	0.84844	58.35	58.8	1.5	ANNUAL	SRCGP6	5
605792.2	4122340	0.91585	58.55	58.55	1.5	ANNUAL	SRCGP6	5
605812.2	4122340	0.99436	58.25	59.98	1.5	ANNUAL	SRCGP6	5
605832.2	4122340	1.0841	58.07	59.98	1.5	ANNUAL	SRCGP6	5
605852.2	4122340	1.18538	58.53	58.53	1.5	ANNUAL	SRCGP6	5
605872.2	4122340	1.29987	59.58	59.58	1.5	ANNUAL	SRCGP6	5
605892.2	4122340	1.44561	59.57	59.57	1.5	ANNUAL	SRCGP6	5
605912.2	4122340	1.62341	59.66	59.66	1.5	ANNUAL	SRCGP6	5
605932.2	4122340	1.86366	58.34	59	1.5	ANNUAL	SRCGP6	5
605952.2	4122340	2.16272	57.77	57.77	1.5	ANNUAL	SRCGP6	5
605972.2	4122340	2.55858	57.8	57.8	1.5	ANNUAL	SRCGP6	5
606692.2	4122340	0.16988	59.65	59.65	1.5	ANNUAL	SRCGP6	5
606712.2	4122340	0.16099	59.94	59.94	1.5	ANNUAL	SRCGP6	5
606732.2	4122340	0.15293	60.06	60.06	1.5	ANNUAL	SRCGP6	5
606752.2	4122340	0.14569	59.81	59.81	1.5	ANNUAL	SRCGP6	5
606772.2	4122340	0.1389	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606792.2	4122340	0.1327	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606812.2	4122340	0.12691	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606832.2	4122340	0.12157	59.57	59.57	1.5	ANNUAL	SRCGP6	5
606852.2	4122340	0.11654	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606872.2	4122340	0.11185	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606892.2	4122340	0.10754	59.63	59.63	1.5	ANNUAL	SRCGP6	5
606912.2	4122340	0.10346	59.66	59.66	1.5	ANNUAL	SRCGP6	5
605632.2	4122360	0.53049	55.97	55.97	1.5	ANNUAL	SRCGP6	5
605652.2	4122360	0.5643	55.94	55.94	1.5	ANNUAL	SRCGP6	5
605672.2	4122360	0.60095	56.31	56.31	1.5	ANNUAL	SRCGP6	5
605692.2	4122360	0.64087	56.4	56.4	1.5	ANNUAL	SRCGP6	5
605712.2	4122360	0.68444	56.57	56.57	1.5	ANNUAL	SRCGP6	5
605732.2	4122360	0.73135	57.31	57.31	1.5	ANNUAL	SRCGP6	5
605752.2	4122360	0.78072	58.82	58.82	1.5	ANNUAL	SRCGP6	5
605772.2	4122360	0.8361	59.8	59.8	1.5	ANNUAL	SRCGP6	5
605792.2	4122360	0.90252	59.68	59.68	1.5	ANNUAL	SRCGP6	5
605812.2	4122360	0.97547	60.07	60.07	1.5	ANNUAL	SRCGP6	5
605832.2	4122360	1.06295	59.81	59.81	1.5	ANNUAL	SRCGP6	5
605852.2	4122360	1.16565	59.43	59.43	1.5	ANNUAL	SRCGP6	5
605872.2	4122360	1.28365	59.58	59.58	1.5	ANNUAL	SRCGP6	5
605892.2	4122360	1.42675	59.6	59.6	1.5	ANNUAL	SRCGP6	5
605912.2	4122360	1.60043	59.85	59.85	1.5	ANNUAL	SRCGP6	5
605952.2	4122360	2.12942	57.6	57.6	1.5	ANNUAL	SRCGP6	5
606632.2	4122360	0.19141	59.49	59.49	1.5	ANNUAL	SRCGP6	5
606652.2	4122360	0.18062	59.85	59.85	1.5	ANNUAL	SRCGP6	5
606672.2	4122360	0.17094	59.95	59.95	1.5	ANNUAL	SRCGP6	5
606692.2	4122360	0.16211	60.03	60.03	1.5	ANNUAL	SRCGP6	5
606712.2	4122360	0.1542	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606732.2	4122360	0.14673	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606772.2	4122360	0.13369	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606792.2	4122360	0.12789	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606812.2	4122360	0.12249	59.52	59.52	1.5	ANNUAL	SRCGP6	5
606832.2	4122360	0.11741	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606852.2	4122360	0.11276	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606872.2	4122360	0.10829	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606892.2	4122360	0.10425	59.57	59.57	1.5	ANNUAL	SRCGP6	5
606912.2	4122360	0.10043	59.46	59.46	1.5	ANNUAL	SRCGP6	5
605632.2	4122380	0.53005	56.18	56.18	1.5	ANNUAL	SRCGP6	5
605652.2	4122380	0.56297	56.08	56.08	1.5	ANNUAL	SRCGP6	5
605672.2	4122380	0.59855	56.46	56.46	1.5	ANNUAL	SRCGP6	5
605692.2	4122380	0.63725	56.65	56.65	1.5	ANNUAL	SRCGP6	5
605712.2	4122380	0.67967	56.74	56.74	1.5	ANNUAL	SRCGP6	5

605732.2	4122380	0.72526	57.49	57.49	1.5	ANNUAL	SRCGP6	5
605752.2	4122380	0.77318	59.04	59.04	1.5	ANNUAL	SRCGP6	5
605772.2	4122380	0.82863	59.6	59.6	1.5	ANNUAL	SRCGP6	5
605792.2	4122380	0.89232	59.77	59.77	1.5	ANNUAL	SRCGP6	5
605812.2	4122380	0.96418	60.03	60.03	1.5	ANNUAL	SRCGP6	5
605832.2	4122380	1.05022	59.64	59.64	1.5	ANNUAL	SRCGP6	5
605852.2	4122380	1.14874	59.58	59.58	1.5	ANNUAL	SRCGP6	5
605872.2	4122380	1.26474	59.63	59.63	1.5	ANNUAL	SRCGP6	5
605892.2	4122380	1.40514	59.6	59.6	1.5	ANNUAL	SRCGP6	5
605912.2	4122380	1.57749	59.63	59.63	1.5	ANNUAL	SRCGP6	5
606572.2	4122380	0.2173	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606592.2	4122380	0.20431	59.66	59.66	1.5	ANNUAL	SRCGP6	5
606612.2	4122380	0.19257	59.72	59.72	1.5	ANNUAL	SRCGP6	5
606632.2	4122380	0.18196	59.71	59.71	1.5	ANNUAL	SRCGP6	5
606652.2	4122380	0.17221	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606752.2	4122380	0.13472	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606772.2	4122380	0.12876	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606792.2	4122380	0.1233	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606812.2	4122380	0.11829	59.63	59.63	1.5	ANNUAL	SRCGP6	5
606832.2	4122380	0.11358	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606852.2	4122380	0.10919	59.41	59.41	1.5	ANNUAL	SRCGP6	5
606872.2	4122380	0.10503	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606892.2	4122380	0.10113	59.62	59.62	1.5	ANNUAL	SRCGP6	5
605632.2	4122400	0.5286	56.24	56.24	1.5	ANNUAL	SRCGP6	5
605652.2	4122400	0.56063	56.1	56.1	1.5	ANNUAL	SRCGP6	5
605672.2	4122400	0.59519	56.5	56.5	1.5	ANNUAL	SRCGP6	5
605692.2	4122400	0.63284	56.64	56.64	1.5	ANNUAL	SRCGP6	5
605712.2	4122400	0.67401	56.76	56.76	1.5	ANNUAL	SRCGP6	5
605732.2	4122400	0.71823	57.59	57.59	1.5	ANNUAL	SRCGP6	5
605752.2	4122400	0.76454	59.26	59.26	1.5	ANNUAL	SRCGP6	5
605772.2	4122400	0.81916	59.6	59.6	1.5	ANNUAL	SRCGP6	5
605792.2	4122400	0.8818	59.59	59.59	1.5	ANNUAL	SRCGP6	5
605812.2	4122400	0.95298	59.6	59.6	1.5	ANNUAL	SRCGP6	5
605832.2	4122400	1.03505	59.57	59.57	1.5	ANNUAL	SRCGP6	5
605852.2	4122400	1.13067	59.56	59.56	1.5	ANNUAL	SRCGP6	5
605872.2	4122400	1.24204	59.88	59.88	1.5	ANNUAL	SRCGP6	5
605892.2	4122400	1.38027	59.55	59.55	1.5	ANNUAL	SRCGP6	5
605912.2	4122400	1.55209	58.79	59.2	1.5	ANNUAL	SRCGP6	5
605932.2	4122400	1.76415	57.36	57.36	1.5	ANNUAL	SRCGP6	5
606512.2	4122400	0.24912	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606532.2	4122400	0.23297	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606552.2	4122400	0.21855	59.7	59.7	1.5	ANNUAL	SRCGP6	5
606572.2	4122400	0.20559	59.71	59.71	1.5	ANNUAL	SRCGP6	5
606592.2	4122400	0.19386	59.71	59.71	1.5	ANNUAL	SRCGP6	5
606692.2	4122400	0.149	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606712.2	4122400	0.14202	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606732.2	4122400	0.13563	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606752.2	4122400	0.12975	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606772.2	4122400	0.12423	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606792.2	4122400	0.11908	59.95	59.95	1.5	ANNUAL	SRCGP6	5
606812.2	4122400	0.11439	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606832.2	4122400	0.10995	59.63	59.63	1.5	ANNUAL	SRCGP6	5
605632.2	4122420	0.52621	56.36	56.36	1.5	ANNUAL	SRCGP6	5
605652.2	4122420	0.55726	56.42	56.42	1.5	ANNUAL	SRCGP6	5
605672.2	4122420	0.59071	56.71	56.71	1.5	ANNUAL	SRCGP6	5
605692.2	4122420	0.62726	56.78	56.78	1.5	ANNUAL	SRCGP6	5
605712.2	4122420	0.66724	56.82	56.82	1.5	ANNUAL	SRCGP6	5
605732.2	4122420	0.7104	57.47	57.47	1.5	ANNUAL	SRCGP6	5
605752.2	4122420	0.75538	59.24	59.24	1.5	ANNUAL	SRCGP6	5
605772.2	4122420	0.80836	59.59	59.59	1.5	ANNUAL	SRCGP6	5
605792.2	4122420	0.86914	59.56	59.56	1.5	ANNUAL	SRCGP6	5
605812.2	4122420	0.93824	59.53	59.53	1.5	ANNUAL	SRCGP6	5
605832.2	4122420	1.01824	59.36	59.36	1.5	ANNUAL	SRCGP6	5
605852.2	4122420	1.11139	59.19	59.19	1.5	ANNUAL	SRCGP6	5
605872.2	4122420	1.22292	58.56	59.97	1.5	ANNUAL	SRCGP6	5
605892.2	4122420	1.35544	58.02	59.56	1.5	ANNUAL	SRCGP6	5
605912.2	4122420	1.51537	57.26	57.26	1.5	ANNUAL	SRCGP6	5
606452.2	4122420	0.2892	59.4	59.4	1.5	ANNUAL	SRCGP6	5
606472.2	4122420	0.26861	59.54	59.54	1.5	ANNUAL	SRCGP6	5
606492.2	4122420	0.25042	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606512.2	4122420	0.23431	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606532.2	4122420	0.22016	59.29	59.29	1.5	ANNUAL	SRCGP6	5
606552.2	4122420	0.20697	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606632.2	4122420	0.16587	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606652.2	4122420	0.15758	59.81	59.81	1.5	ANNUAL	SRCGP6	5
606672.2	4122420	0.15015	59.57	59.57	1.5	ANNUAL	SRCGP6	5
606692.2	4122420	0.14308	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606712.2	4122420	0.13668	59.77	59.77	1.5	ANNUAL	SRCGP6	5
606732.2	4122420	0.1307	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606752.2	4122420	0.12514	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606772.2	4122420	0.11999	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606852.2	4122420	0.10266	59.41	59.41	1.5	ANNUAL	SRCGP6	5
606872.2	4122420	0.09894	59.51	59.51	1.5	ANNUAL	SRCGP6	5
606892.2	4122420	0.09546	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606912.2	4122420	0.09224	59.15	59.15	1.5	ANNUAL	SRCGP6	5
605632.2	4122440	0.52292	56.46	56.46	1.5	ANNUAL	SRCGP6	5
605652.2	4122440	0.55283	56.76	56.76	1.5	ANNUAL	SRCGP6	5
605672.2	4122440	0.58523	56.96	56.96	1.5	ANNUAL	SRCGP6	5
605692.2	4122440	0.62061	56.98	56.98	1.5	ANNUAL	SRCGP6	5
605712.2	4122440	0.65931	56.95	56.95	1.5	ANNUAL	SRCGP6	5
605732.2	4122440	0.70116	57.48	57.48	1.5	ANNUAL	SRCGP6	5
605752.2	4122440	0.74643	58.5	58.96	1.5	ANNUAL	SRCGP6	5
605772.2	4122440	0.79837	58.64	59.06	1.5	ANNUAL	SRCGP6	5
605792.2	4122440	0.85726	58.54	58.54	1.5	ANNUAL	SRCGP6	5
605812.2	4122440	0.92438	58.29	58.29	1.5	ANNUAL	SRCGP6	5
605832.2	4122440	1.00126	58.03	58.03	1.5	ANNUAL	SRCGP6	5
605852.2	4122440	1.09043	57.63	57.63	1.5	ANNUAL	SRCGP6	5
605872.2	4122440	1.19449	57.03	57.03	1.5	ANNUAL	SRCGP6	5
605892.2	4122440	1.31823	57.01	57.01	1.5	ANNUAL	SRCGP6	5
606452.2	4122440	0.2699	59.7	59.7	1.5	ANNUAL	SRCGP6	5
606472.2	4122440	0.25185	59.64	59.64	1.5	ANNUAL	SRCGP6	5
606492.2	4122440	0.23582	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606552.2	4122440	0.19656	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606612.2	4122440	0.16691	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606632.2	4122440	0.15873	59.79	59.79	1.5	ANNUAL	SRCGP6	5
606652.2	4122440	0.15118	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606672.2	4122440	0.14429	59.45	59.45	1.5	ANNUAL	SRCGP6	5

606692.2	4122440	0.13768	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606712.2	4122440	0.13165	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606732.2	4122440	0.12609	59.85	59.85	1.5	ANNUAL	SRCGP6	5
606812.2	4122440	0.10735	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606832.2	4122440	0.10338	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606852.2	4122440	0.09965	59.51	59.51	1.5	ANNUAL	SRCGP6	5
606872.2	4122440	0.09616	59.4	59.4	1.5	ANNUAL	SRCGP6	5
606892.2	4122440	0.09285	59.43	59.43	1.5	ANNUAL	SRCGP6	5
606912.2	4122440	0.08979	59.09	59.09	1.5	ANNUAL	SRCGP6	5
605632.2	4122460	0.51879	56.44	56.44	1.5	ANNUAL	SRCGP6	5
605652.2	4122460	0.54775	56.68	56.68	1.5	ANNUAL	SRCGP6	5
605672.2	4122460	0.57915	56.74	56.74	1.5	ANNUAL	SRCGP6	5
605692.2	4122460	0.61328	56.75	56.75	1.5	ANNUAL	SRCGP6	5
605712.2	4122460	0.65035	56.95	56.95	1.5	ANNUAL	SRCGP6	5
605732.2	4122460	0.69091	57.23	57.23	1.5	ANNUAL	SRCGP6	5
605752.2	4122460	0.73592	57.28	57.28	1.5	ANNUAL	SRCGP6	5
605772.2	4122460	0.78606	57.22	57.22	1.5	ANNUAL	SRCGP6	5
605792.2	4122460	0.84222	57.15	57.15	1.5	ANNUAL	SRCGP6	5
605812.2	4122460	0.90567	57.11	57.11	1.5	ANNUAL	SRCGP6	5
605832.2	4122460	0.97807	56.95	56.95	1.5	ANNUAL	SRCGP6	5
606392.2	4122460	0.31594	58.98	58.98	1.5	ANNUAL	SRCGP6	5
606412.2	4122460	0.29245	59.13	59.13	1.5	ANNUAL	SRCGP6	5
606432.2	4122460	0.27174	59.33	59.33	1.5	ANNUAL	SRCGP6	5
606552.2	4122460	0.18686	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606572.2	4122460	0.17706	59.86	59.86	1.5	ANNUAL	SRCGP6	5
606592.2	4122460	0.16798	60.06	60.06	1.5	ANNUAL	SRCGP6	5
606612.2	4122460	0.1597	60.12	60.12	1.5	ANNUAL	SRCGP6	5
606632.2	4122460	0.15221	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606652.2	4122460	0.14526	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606672.2	4122460	0.13879	59.54	59.54	1.5	ANNUAL	SRCGP6	5
606752.2	4122460	0.11698	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606772.2	4122460	0.11237	59.72	59.72	1.5	ANNUAL	SRCGP6	5
606792.2	4122460	0.10812	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606812.2	4122460	0.10407	59.77	59.77	1.5	ANNUAL	SRCGP6	5
606832.2	4122460	0.10035	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606852.2	4122460	0.0968	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606872.2	4122460	0.0935	59.41	59.41	1.5	ANNUAL	SRCGP6	5
606892.2	4122460	0.09033	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606912.2	4122460	0.08743	59.15	59.15	1.5	ANNUAL	SRCGP6	5
606332.2	4122480	0.37551	58.58	58.58	1.5	ANNUAL	SRCGP6	5
606352.2	4122480	0.34424	59.06	59.06	1.5	ANNUAL	SRCGP6	5
606372.2	4122480	0.31746	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606392.2	4122480	0.29409	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606412.2	4122480	0.27352	59.08	59.08	1.5	ANNUAL	SRCGP6	5
606432.2	4122480	0.25524	59.12	59.12	1.5	ANNUAL	SRCGP6	5
606452.2	4122480	0.23865	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606472.2	4122480	0.22373	60.03	60.03	1.5	ANNUAL	SRCGP6	5
606512.2	4122480	0.19864	60.22	60.22	1.5	ANNUAL	SRCGP6	5
606532.2	4122480	0.18789	60.18	60.18	1.5	ANNUAL	SRCGP6	5
606552.2	4122480	0.17814	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606572.2	4122480	0.16915	59.99	59.99	1.5	ANNUAL	SRCGP6	5
606592.2	4122480	0.16081	60.09	60.09	1.5	ANNUAL	SRCGP6	5
606612.2	4122480	0.1533	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606672.2	4122480	0.13372	59.49	59.49	1.5	ANNUAL	SRCGP6	5
606692.2	4122480	0.12799	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606712.2	4122480	0.12276	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606732.2	4122480	0.11773	59.91	59.91	1.5	ANNUAL	SRCGP6	5
606752.2	4122480	0.11315	59.82	59.82	1.5	ANNUAL	SRCGP6	5
606772.2	4122480	0.1088	60	60	1.5	ANNUAL	SRCGP6	5
606792.2	4122480	0.10477	59.96	59.96	1.5	ANNUAL	SRCGP6	5
606812.2	4122480	0.10098	59.93	59.93	1.5	ANNUAL	SRCGP6	5
606832.2	4122480	0.09748	59.6	59.6	1.5	ANNUAL	SRCGP6	5
606852.2	4122480	0.09411	59.66	59.66	1.5	ANNUAL	SRCGP6	5
606872.2	4122480	0.09097	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606892.2	4122480	0.08796	59.53	59.53	1.5	ANNUAL	SRCGP6	5
606912.2	4122480	0.08517	59.25	59.25	1.5	ANNUAL	SRCGP6	5
606332.2	4122500	0.34582	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606372.2	4122500	0.29556	59.23	59.23	1.5	ANNUAL	SRCGP6	5
606392.2	4122500	0.27507	59.06	59.06	1.5	ANNUAL	SRCGP6	5
606412.2	4122500	0.25676	59.06	59.06	1.5	ANNUAL	SRCGP6	5
606432.2	4122500	0.24045	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606472.2	4122500	0.21197	59.97	59.97	1.5	ANNUAL	SRCGP6	5
606492.2	4122500	0.19994	60.12	60.12	1.5	ANNUAL	SRCGP6	5
606512.2	4122500	0.18925	59.9	59.9	1.5	ANNUAL	SRCGP6	5
606532.2	4122500	0.1795	59.62	59.62	1.5	ANNUAL	SRCGP6	5
606632.2	4122500	0.14073	59.6	59.6	1.5	ANNUAL	SRCGP6	5
606652.2	4122500	0.13458	59.7	59.7	1.5	ANNUAL	SRCGP6	5
606672.2	4122500	0.12885	59.82	59.82	1.5	ANNUAL	SRCGP6	5
606692.2	4122500	0.12354	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606712.2	4122500	0.11858	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606732.2	4122500	0.11395	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606752.2	4122500	0.10955	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606772.2	4122500	0.10551	59.95	59.95	1.5	ANNUAL	SRCGP6	5
606792.2	4122500	0.10174	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606812.2	4122500	0.09811	59.82	59.82	1.5	ANNUAL	SRCGP6	5
606832.2	4122500	0.09475	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606852.2	4122500	0.09159	59.45	59.45	1.5	ANNUAL	SRCGP6	5
606872.2	4122500	0.08855	59.53	59.53	1.5	ANNUAL	SRCGP6	5
606892.2	4122500	0.08568	59.62	59.62	1.5	ANNUAL	SRCGP6	5
606912.2	4122500	0.08302	59.34	59.34	1.5	ANNUAL	SRCGP6	5
606272.2	4122520	0.41288	58.54	58.54	1.5	ANNUAL	SRCGP6	5
606292.2	4122520	0.3773	59.05	59.05	1.5	ANNUAL	SRCGP6	5
606392.2	4122520	0.25797	59.17	59.17	1.5	ANNUAL	SRCGP6	5
606412.2	4122520	0.24165	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606432.2	4122520	0.22696	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606472.2	4122520	0.20139	59.65	59.65	1.5	ANNUAL	SRCGP6	5
606552.2	4122520	0.16316	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606572.2	4122520	0.15542	59.52	59.52	1.5	ANNUAL	SRCGP6	5
606592.2	4122520	0.14827	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606612.2	4122520	0.14166	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606632.2	4122520	0.13552	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606652.2	4122520	0.12979	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606672.2	4122520	0.12433	59.96	59.96	1.5	ANNUAL	SRCGP6	5
606692.2	4122520	0.11931	60.11	60.11	1.5	ANNUAL	SRCGP6	5
606712.2	4122520	0.1147	59.95	59.95	1.5	ANNUAL	SRCGP6	5
606732.2	4122520	0.11041	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606752.2	4122520	0.10625	59.88	59.88	1.5	ANNUAL	SRCGP6	5

606772.2	4122520	0.10245	59.63	59.63	1.5	ANNUAL	SRCGP6	5
606792.2	4122520	0.09885	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606812.2	4122520	0.09544	59.39	59.39	1.5	ANNUAL	SRCGP6	5
606832.2	4122520	0.09218	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606852.2	4122520	0.08915	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606872.2	4122520	0.08624	59.64	59.64	1.5	ANNUAL	SRCGP6	5
606892.2	4122520	0.0835	59.76	59.76	1.5	ANNUAL	SRCGP6	5
606272.2	4122540	0.3767	59	59	1.5	ANNUAL	SRCGP6	5
606292.2	4122540	0.34679	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606312.2	4122540	0.32074	58.98	58.98	1.5	ANNUAL	SRCGP6	5
606332.2	4122540	0.29781	58.82	58.82	1.5	ANNUAL	SRCGP6	5
606352.2	4122540	0.27711	59.17	59.17	1.5	ANNUAL	SRCGP6	5
606372.2	4122540	0.25889	59.19	59.19	1.5	ANNUAL	SRCGP6	5
606392.2	4122540	0.24262	59.14	59.14	1.5	ANNUAL	SRCGP6	5
606412.2	4122540	0.22797	59.1	59.1	1.5	ANNUAL	SRCGP6	5
606432.2	4122540	0.21469	59.15	59.15	1.5	ANNUAL	SRCGP6	5
606492.2	4122540	0.18171	59.26	59.26	1.5	ANNUAL	SRCGP6	5
606512.2	4122540	0.17246	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606532.2	4122540	0.16407	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606552.2	4122540	0.15627	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606572.2	4122540	0.14916	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606592.2	4122540	0.1425	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606612.2	4122540	0.13624	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606632.2	4122540	0.13063	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606652.2	4122540	0.12522	59.65	59.65	1.5	ANNUAL	SRCGP6	5
606672.2	4122540	0.1202	59.68	59.68	1.5	ANNUAL	SRCGP6	5
606692.2	4122540	0.11548	59.81	59.81	1.5	ANNUAL	SRCGP6	5
606712.2	4122540	0.11109	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606732.2	4122540	0.10705	59.44	59.44	1.5	ANNUAL	SRCGP6	5
606752.2	4122540	0.10316	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606772.2	4122540	0.09949	59.52	59.52	1.5	ANNUAL	SRCGP6	5
606792.2	4122540	0.09603	59.6	59.6	1.5	ANNUAL	SRCGP6	5
606812.2	4122540	0.09281	59.46	59.46	1.5	ANNUAL	SRCGP6	5
606832.2	4122540	0.0897	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606852.2	4122540	0.0868	59.64	59.64	1.5	ANNUAL	SRCGP6	5
606872.2	4122540	0.08407	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606892.2	4122540	0.08146	59.59	59.59	1.5	ANNUAL	SRCGP6	5
605632.2	4122560	0.48397	56.47	56.47	1.5	ANNUAL	SRCGP6	5
605652.2	4122560	0.50672	56.51	56.51	1.5	ANNUAL	SRCGP6	5
605672.2	4122560	0.53087	56.69	56.69	1.5	ANNUAL	SRCGP6	5
605692.2	4122560	0.55664	56.62	56.62	1.5	ANNUAL	SRCGP6	5
605712.2	4122560	0.5841	56.64	56.64	1.5	ANNUAL	SRCGP6	5
605732.2	4122560	0.61343	56.66	56.66	1.5	ANNUAL	SRCGP6	5
605752.2	4122560	0.64478	56.66	56.66	1.5	ANNUAL	SRCGP6	5
605772.2	4122560	0.67835	56.76	56.76	1.5	ANNUAL	SRCGP6	5
605792.2	4122560	0.71416	56.72	56.72	1.5	ANNUAL	SRCGP6	5
605812.2	4122560	0.75241	56.79	56.79	1.5	ANNUAL	SRCGP6	5
605832.2	4122560	0.79294	56.82	56.82	1.5	ANNUAL	SRCGP6	5
605852.2	4122560	0.8354	56.81	56.81	1.5	ANNUAL	SRCGP6	5
606292.2	4122560	0.32002	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606312.2	4122560	0.29744	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606332.2	4122560	0.27739	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606352.2	4122560	0.25939	58.98	58.98	1.5	ANNUAL	SRCGP6	5
606492.2	4122560	0.17331	59.36	59.36	1.5	ANNUAL	SRCGP6	5
606512.2	4122560	0.16483	59.54	59.54	1.5	ANNUAL	SRCGP6	5
606532.2	4122560	0.15713	59.41	59.41	1.5	ANNUAL	SRCGP6	5
606552.2	4122560	0.14987	59.67	59.67	1.5	ANNUAL	SRCGP6	5
606572.2	4122560	0.14318	59.79	59.79	1.5	ANNUAL	SRCGP6	5
606592.2	4122560	0.13702	59.77	59.77	1.5	ANNUAL	SRCGP6	5
606612.2	4122560	0.13124	59.87	59.87	1.5	ANNUAL	SRCGP6	5
606632.2	4122560	0.126	59.45	59.45	1.5	ANNUAL	SRCGP6	5
606652.2	4122560	0.12093	59.63	59.63	1.5	ANNUAL	SRCGP6	5
606672.2	4122560	0.11624	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606692.2	4122560	0.11181	59.63	59.63	1.5	ANNUAL	SRCGP6	5
606712.2	4122560	0.10768	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606732.2	4122560	0.10375	59.7	59.7	1.5	ANNUAL	SRCGP6	5
606752.2	4122560	0.10008	59.71	59.71	1.5	ANNUAL	SRCGP6	5
606772.2	4122560	0.09663	59.65	59.65	1.5	ANNUAL	SRCGP6	5
606792.2	4122560	0.09333	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606812.2	4122560	0.09026	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606832.2	4122560	0.08735	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606852.2	4122560	0.08458	59.66	59.66	1.5	ANNUAL	SRCGP6	5
606872.2	4122560	0.08196	59.58	59.58	1.5	ANNUAL	SRCGP6	5
605632.2	4122580	0.47389	56.22	56.22	1.5	ANNUAL	SRCGP6	5
605652.2	4122580	0.495	56.26	56.26	1.5	ANNUAL	SRCGP6	5
605672.2	4122580	0.5173	56.39	56.39	1.5	ANNUAL	SRCGP6	5
605692.2	4122580	0.5408	56.29	56.29	1.5	ANNUAL	SRCGP6	5
605712.2	4122580	0.56565	56.36	56.36	1.5	ANNUAL	SRCGP6	5
605732.2	4122580	0.59182	56.33	56.33	1.5	ANNUAL	SRCGP6	5
605752.2	4122580	0.61939	56.33	56.33	1.5	ANNUAL	SRCGP6	5
605772.2	4122580	0.64848	56.48	56.48	1.5	ANNUAL	SRCGP6	5
605792.2	4122580	0.67879	56.51	56.51	1.5	ANNUAL	SRCGP6	5
605812.2	4122580	0.71018	56.51	56.51	1.5	ANNUAL	SRCGP6	5
605832.2	4122580	0.74238	56.56	56.56	1.5	ANNUAL	SRCGP6	5
605852.2	4122580	0.77466	56.58	56.58	1.5	ANNUAL	SRCGP6	5
605872.2	4122580	0.80618	56.62	56.62	1.5	ANNUAL	SRCGP6	5
605892.2	4122580	0.83537	56.62	56.62	1.5	ANNUAL	SRCGP6	5
605912.2	4122580	0.86046	56.61	56.61	1.5	ANNUAL	SRCGP6	5
605932.2	4122580	0.87928	56.61	56.61	1.5	ANNUAL	SRCGP6	5
606252.2	4122580	0.34241	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606272.2	4122580	0.31789	59.03	59.03	1.5	ANNUAL	SRCGP6	5
606292.2	4122580	0.29607	59.03	59.03	1.5	ANNUAL	SRCGP6	5
606312.2	4122580	0.27649	59.1	59.1	1.5	ANNUAL	SRCGP6	5
606472.2	4122580	0.17391	59.36	59.36	1.5	ANNUAL	SRCGP6	5
606492.2	4122580	0.16546	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606512.2	4122580	0.15763	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606532.2	4122580	0.15062	59.36	59.36	1.5	ANNUAL	SRCGP6	5
606552.2	4122580	0.14381	59.85	59.85	1.5	ANNUAL	SRCGP6	5
606572.2	4122580	0.13763	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606592.2	4122580	0.13188	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606612.2	4122580	0.12663	59.51	59.51	1.5	ANNUAL	SRCGP6	5
606632.2	4122580	0.1216	59.52	59.52	1.5	ANNUAL	SRCGP6	5
606652.2	4122580	0.11688	59.54	59.54	1.5	ANNUAL	SRCGP6	5
606672.2	4122580	0.11246	59.56	59.56	1.5	ANNUAL	SRCGP6	5
606692.2	4122580	0.10824	59.83	59.83	1.5	ANNUAL	SRCGP6	5
606712.2	4122580	0.10434	59.75	59.75	1.5	ANNUAL	SRCGP6	5
606732.2	4122580	0.10068	59.65	59.65	1.5	ANNUAL	SRCGP6	5

606752.2	4122580	0.09721	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606772.2	4122580	0.09395	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606792.2	4122580	0.09084	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606812.2	4122580	0.08788	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606832.2	4122580	0.0851	59.53	59.53	1.5	ANNUAL	SRCGP6	5
606852.2	4122580	0.08245	59.6	59.6	1.5	ANNUAL	SRCGP6	5
606992.2	4122580	0.06729	59.46	59.46	1.5	ANNUAL	SRCGP6	5
607012.2	4122580	0.06551	59.39	59.39	1.5	ANNUAL	SRCGP6	5
607032.2	4122580	0.0638	59.45	59.45	1.5	ANNUAL	SRCGP6	5
607052.2	4122580	0.06223	58.85	58.85	1.5	ANNUAL	SRCGP6	5
605932.2	4122600	0.76887	56.42	56.42	1.5	ANNUAL	SRCGP6	5
606252.2	4122600	0.31463	58.95	58.95	1.5	ANNUAL	SRCGP6	5
606272.2	4122600	0.29353	59.29	59.29	1.5	ANNUAL	SRCGP6	5
606292.2	4122600	0.27473	59.23	59.23	1.5	ANNUAL	SRCGP6	5
606312.2	4122600	0.25779	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606412.2	4122600	0.19325	59.03	59.03	1.5	ANNUAL	SRCGP6	5
606432.2	4122600	0.18344	59.02	59.02	1.5	ANNUAL	SRCGP6	5
606452.2	4122600	0.17438	59.07	59.07	1.5	ANNUAL	SRCGP6	5
606472.2	4122600	0.16606	59.05	59.05	1.5	ANNUAL	SRCGP6	5
606492.2	4122600	0.1582	59.45	59.45	1.5	ANNUAL	SRCGP6	5
606512.2	4122600	0.15107	59.44	59.44	1.5	ANNUAL	SRCGP6	5
606532.2	4122600	0.14443	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606552.2	4122600	0.1383	59.43	59.43	1.5	ANNUAL	SRCGP6	5
606572.2	4122600	0.1326	59.31	59.31	1.5	ANNUAL	SRCGP6	5
606592.2	4122600	0.12718	59.49	59.49	1.5	ANNUAL	SRCGP6	5
606612.2	4122600	0.12215	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606632.2	4122600	0.11743	59.55	59.55	1.5	ANNUAL	SRCGP6	5
606652.2	4122600	0.11303	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606672.2	4122600	0.10884	59.59	59.59	1.5	ANNUAL	SRCGP6	5
606692.2	4122600	0.10487	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606712.2	4122600	0.10128	59.35	59.35	1.5	ANNUAL	SRCGP6	5
606992.2	4122600	0.06586	59.59	59.59	1.5	ANNUAL	SRCGP6	5
607012.2	4122600	0.06414	59.66	59.66	1.5	ANNUAL	SRCGP6	5
607032.2	4122600	0.06249	59.69	59.69	1.5	ANNUAL	SRCGP6	5
607052.2	4122600	0.06101	58.78	58.78	1.5	ANNUAL	SRCGP6	5
605632.2	4122620	0.45034	56.39	56.39	1.5	ANNUAL	SRCGP6	5
605652.2	4122620	0.46785	56.39	56.39	1.5	ANNUAL	SRCGP6	5
605672.2	4122620	0.48596	56.48	56.48	1.5	ANNUAL	SRCGP6	5
605692.2	4122620	0.50461	56.45	56.45	1.5	ANNUAL	SRCGP6	5
605712.2	4122620	0.52369	56.35	56.35	1.5	ANNUAL	SRCGP6	5
605752.2	4122620	0.56249	56.02	56.02	1.5	ANNUAL	SRCGP6	5
605772.2	4122620	0.58235	56.24	56.24	1.5	ANNUAL	SRCGP6	5
605792.2	4122620	0.60167	56.3	56.3	1.5	ANNUAL	SRCGP6	5
605812.2	4122620	0.62021	56.37	56.37	1.5	ANNUAL	SRCGP6	5
605832.2	4122620	0.63735	56.42	56.42	1.5	ANNUAL	SRCGP6	5
605852.2	4122620	0.65229	56.4	56.4	1.5	ANNUAL	SRCGP6	5
605872.2	4122620	0.66427	56.37	56.37	1.5	ANNUAL	SRCGP6	5
605892.2	4122620	0.6724	56.32	56.32	1.5	ANNUAL	SRCGP6	5
605932.2	4122620	0.67466	56.38	56.38	1.5	ANNUAL	SRCGP6	5
606232.2	4122620	0.31007	58.93	58.93	1.5	ANNUAL	SRCGP6	5
606252.2	4122620	0.29028	59.02	59.02	1.5	ANNUAL	SRCGP6	5
606272.2	4122620	0.27226	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606292.2	4122620	0.25586	59.18	59.18	1.5	ANNUAL	SRCGP6	5
606312.2	4122620	0.24102	59.06	59.06	1.5	ANNUAL	SRCGP6	5
606352.2	4122620	0.21495	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606372.2	4122620	0.20355	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606412.2	4122620	0.18343	58.93	58.93	1.5	ANNUAL	SRCGP6	5
606432.2	4122620	0.17456	58.82	58.82	1.5	ANNUAL	SRCGP6	5
606452.2	4122620	0.16639	58.61	58.61	1.5	ANNUAL	SRCGP6	5
606472.2	4122620	0.15873	58.66	58.66	1.5	ANNUAL	SRCGP6	5
606492.2	4122620	0.15138	59.41	59.41	1.5	ANNUAL	SRCGP6	5
606512.2	4122620	0.14473	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606532.2	4122620	0.13862	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606552.2	4122620	0.13297	59.4	59.4	1.5	ANNUAL	SRCGP6	5
606572.2	4122620	0.1276	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606592.2	4122620	0.12262	59.4	59.4	1.5	ANNUAL	SRCGP6	5
606612.2	4122620	0.11794	59.34	59.34	1.5	ANNUAL	SRCGP6	5
606632.2	4122620	0.11352	59.39	59.39	1.5	ANNUAL	SRCGP6	5
606652.2	4122620	0.10937	59.34	59.34	1.5	ANNUAL	SRCGP6	5
606672.2	4122620	0.10537	59.73	59.73	1.5	ANNUAL	SRCGP6	5
606692.2	4122620	0.10183	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606992.2	4122620	0.06449	59.57	59.57	1.5	ANNUAL	SRCGP6	5
607012.2	4122620	0.06283	59.71	59.71	1.5	ANNUAL	SRCGP6	5
607032.2	4122620	0.06125	59.74	59.74	1.5	ANNUAL	SRCGP6	5
607052.2	4122620	0.05976	59.48	59.48	1.5	ANNUAL	SRCGP6	5
605632.2	4122640	0.43688	56.2	56.2	1.5	ANNUAL	SRCGP6	5
605652.2	4122640	0.45245	56.31	56.31	1.5	ANNUAL	SRCGP6	5
605672.2	4122640	0.46833	56.4	56.4	1.5	ANNUAL	SRCGP6	5
605692.2	4122640	0.48439	56.35	56.35	1.5	ANNUAL	SRCGP6	5
605712.2	4122640	0.50055	56.35	56.35	1.5	ANNUAL	SRCGP6	5
605752.2	4122640	0.53213	56.05	56.05	1.5	ANNUAL	SRCGP6	5
605772.2	4122640	0.54762	56.3	56.3	1.5	ANNUAL	SRCGP6	5
605792.2	4122640	0.56202	56.39	56.39	1.5	ANNUAL	SRCGP6	5
605812.2	4122640	0.57519	56.55	56.55	1.5	ANNUAL	SRCGP6	5
605832.2	4122640	0.5863	56.54	56.54	1.5	ANNUAL	SRCGP6	5
605852.2	4122640	0.59498	56.52	56.52	1.5	ANNUAL	SRCGP6	5
605872.2	4122640	0.60099	56.68	56.68	1.5	ANNUAL	SRCGP6	5
605892.2	4122640	0.60287	56.51	56.51	1.5	ANNUAL	SRCGP6	5
605932.2	4122640	0.59507	56.32	56.32	1.5	ANNUAL	SRCGP6	5
606232.2	4122640	0.28578	59.03	59.03	1.5	ANNUAL	SRCGP6	5
606252.2	4122640	0.26886	59.05	59.05	1.5	ANNUAL	SRCGP6	5
606272.2	4122640	0.2533	59.07	59.07	1.5	ANNUAL	SRCGP6	5
606292.2	4122640	0.23899	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606312.2	4122640	0.2259	59.03	59.03	1.5	ANNUAL	SRCGP6	5
606352.2	4122640	0.20274	58.98	58.98	1.5	ANNUAL	SRCGP6	5
606412.2	4122640	0.17431	58.87	58.87	1.5	ANNUAL	SRCGP6	5
606432.2	4122640	0.16625	58.74	58.74	1.5	ANNUAL	SRCGP6	5
606452.2	4122640	0.15874	58.67	58.67	1.5	ANNUAL	SRCGP6	5
606472.2	4122640	0.15171	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606492.2	4122640	0.14506	59.12	59.12	1.5	ANNUAL	SRCGP6	5
606512.2	4122640	0.13889	59.4	59.4	1.5	ANNUAL	SRCGP6	5
606532.2	4122640	0.13316	59.61	59.61	1.5	ANNUAL	SRCGP6	5
606552.2	4122640	0.12795	59.29	59.29	1.5	ANNUAL	SRCGP6	5
606572.2	4122640	0.12292	59.46	59.46	1.5	ANNUAL	SRCGP6	5
606592.2	4122640	0.11829	59.33	59.33	1.5	ANNUAL	SRCGP6	5
606612.2	4122640	0.11386	59.48	59.48	1.5	ANNUAL	SRCGP6	5
606632.2	4122640	0.10978	59.24	59.24	1.5	ANNUAL	SRCGP6	5

606652.2	4122640	0.10585	59.35	59.35	1.5	ANNUAL	SRCGP6	5
606672.2	4122640	0.10228	58.82	58.82	1.5	ANNUAL	SRCGP6	5
606732.2	4122640	0.09237	58.7	58.7	1.5	ANNUAL	SRCGP6	5
606752.2	4122640	0.0894	58.71	58.71	1.5	ANNUAL	SRCGP6	5
606772.2	4122640	0.08659	58.71	58.71	1.5	ANNUAL	SRCGP6	5
606852.2	4122640	0.07664	58.74	58.74	1.5	ANNUAL	SRCGP6	5
606872.2	4122640	0.07446	58.68	58.68	1.5	ANNUAL	SRCGP6	5
606992.2	4122640	0.06316	59.6	59.6	1.5	ANNUAL	SRCGP6	5
607012.2	4122640	0.06156	59.74	59.74	1.5	ANNUAL	SRCGP6	5
607032.2	4122640	0.06004	59.77	59.77	1.5	ANNUAL	SRCGP6	5
607052.2	4122640	0.05858	59.79	59.79	1.5	ANNUAL	SRCGP6	5
605632.2	4122660	0.42229	55.89	55.89	1.5	ANNUAL	SRCGP6	5
605652.2	4122660	0.4359	56.02	56.02	1.5	ANNUAL	SRCGP6	5
605672.2	4122660	0.44951	56.08	56.08	1.5	ANNUAL	SRCGP6	5
605692.2	4122660	0.46301	56.11	56.11	1.5	ANNUAL	SRCGP6	5
605712.2	4122660	0.47622	56.06	56.06	1.5	ANNUAL	SRCGP6	5
605752.2	4122660	0.50091	55.86	55.86	1.5	ANNUAL	SRCGP6	5
605772.2	4122660	0.51242	56.09	56.09	1.5	ANNUAL	SRCGP6	5
605792.2	4122660	0.52249	56.18	56.18	1.5	ANNUAL	SRCGP6	5
605812.2	4122660	0.53109	56.38	56.38	1.5	ANNUAL	SRCGP6	5
605832.2	4122660	0.53732	56.3	56.3	1.5	ANNUAL	SRCGP6	5
605852.2	4122660	0.54141	56.39	56.39	1.5	ANNUAL	SRCGP6	5
605872.2	4122660	0.54295	56.58	56.58	1.5	ANNUAL	SRCGP6	5
605892.2	4122660	0.54121	56.56	56.56	1.5	ANNUAL	SRCGP6	5
605932.2	4122660	0.52835	56.27	56.27	1.5	ANNUAL	SRCGP6	5
606252.2	4122660	0.24992	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606272.2	4122660	0.23636	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606292.2	4122660	0.22383	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606312.2	4122660	0.21225	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606352.2	4122660	0.19157	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606412.2	4122660	0.16585	58.88	58.88	1.5	ANNUAL	SRCGP6	5
606432.2	4122660	0.15847	58.82	58.82	1.5	ANNUAL	SRCGP6	5
606452.2	4122660	0.15153	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606472.2	4122660	0.14512	58.85	58.85	1.5	ANNUAL	SRCGP6	5
606492.2	4122660	0.13914	58.76	58.76	1.5	ANNUAL	SRCGP6	5
606512.2	4122660	0.1333	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606532.2	4122660	0.12804	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606552.2	4122660	0.12312	59.47	59.47	1.5	ANNUAL	SRCGP6	5
606572.2	4122660	0.11857	59.13	59.13	1.5	ANNUAL	SRCGP6	5
606592.2	4122660	0.11416	59.29	59.29	1.5	ANNUAL	SRCGP6	5
606612.2	4122660	0.11006	59.25	59.25	1.5	ANNUAL	SRCGP6	5
606632.2	4122660	0.10618	59.24	59.24	1.5	ANNUAL	SRCGP6	5
606652.2	4122660	0.10247	59.44	59.44	1.5	ANNUAL	SRCGP6	5
606672.2	4122660	0.09913	58.79	58.79	1.5	ANNUAL	SRCGP6	5
606712.2	4122660	0.09276	58.53	58.53	1.5	ANNUAL	SRCGP6	5
606732.2	4122660	0.08976	58.72	58.72	1.5	ANNUAL	SRCGP6	5
606752.2	4122660	0.08694	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606772.2	4122660	0.08427	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606792.2	4122660	0.08172	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606832.2	4122660	0.077	58.78	58.78	1.5	ANNUAL	SRCGP6	5
606852.2	4122660	0.0748	58.78	58.78	1.5	ANNUAL	SRCGP6	5
606872.2	4122660	0.07268	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606892.2	4122660	0.07068	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606992.2	4122660	0.06187	59.64	59.64	1.5	ANNUAL	SRCGP6	5
607012.2	4122660	0.06033	59.77	59.77	1.5	ANNUAL	SRCGP6	5
607032.2	4122660	0.05887	59.77	59.77	1.5	ANNUAL	SRCGP6	5
605632.2	4122680	0.40682	55.67	55.67	1.5	ANNUAL	SRCGP6	5
605652.2	4122680	0.41838	55.72	55.72	1.5	ANNUAL	SRCGP6	5
605672.2	4122680	0.42975	55.77	55.77	1.5	ANNUAL	SRCGP6	5
605852.2	4122680	0.49246	56.07	56.07	1.5	ANNUAL	SRCGP6	5
605872.2	4122680	0.49152	56.62	56.62	1.5	ANNUAL	SRCGP6	5
605892.2	4122680	0.48758	56.71	56.71	1.5	ANNUAL	SRCGP6	5
605932.2	4122680	0.47246	56.25	56.25	1.5	ANNUAL	SRCGP6	5
605952.2	4122680	0.46344	56.78	56.78	1.5	ANNUAL	SRCGP6	5
605972.2	4122680	0.45296	57.09	57.09	1.5	ANNUAL	SRCGP6	5
606252.2	4122680	0.23305	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606272.2	4122680	0.2212	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606312.2	4122680	0.19987	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606352.2	4122680	0.18132	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606372.2	4122680	0.17301	58.95	58.95	1.5	ANNUAL	SRCGP6	5
606392.2	4122680	0.16531	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606412.2	4122680	0.15797	58.99	58.99	1.5	ANNUAL	SRCGP6	5
606432.2	4122680	0.15123	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606452.2	4122680	0.1449	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606472.2	4122680	0.13899	58.86	58.86	1.5	ANNUAL	SRCGP6	5
606492.2	4122680	0.13348	58.74	58.74	1.5	ANNUAL	SRCGP6	5
606512.2	4122680	0.12807	59.44	59.44	1.5	ANNUAL	SRCGP6	5
606532.2	4122680	0.12322	59.32	59.32	1.5	ANNUAL	SRCGP6	5
606552.2	4122680	0.11862	59.38	59.38	1.5	ANNUAL	SRCGP6	5
606572.2	4122680	0.11442	58.86	58.86	1.5	ANNUAL	SRCGP6	5
606592.2	4122680	0.11029	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606612.2	4122680	0.1064	59.19	59.19	1.5	ANNUAL	SRCGP6	5
606632.2	4122680	0.1027	59.44	59.44	1.5	ANNUAL	SRCGP6	5
606652.2	4122680	0.09927	59.36	59.36	1.5	ANNUAL	SRCGP6	5
606732.2	4122680	0.08727	58.66	58.66	1.5	ANNUAL	SRCGP6	5
606752.2	4122680	0.08459	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606772.2	4122680	0.08205	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606792.2	4122680	0.07963	58.73	58.73	1.5	ANNUAL	SRCGP6	5
606812.2	4122680	0.07732	58.76	58.76	1.5	ANNUAL	SRCGP6	5
606832.2	4122680	0.0751	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606852.2	4122680	0.07299	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606872.2	4122680	0.07098	59.05	59.05	1.5	ANNUAL	SRCGP6	5
606892.2	4122680	0.06908	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606992.2	4122680	0.06063	59.57	59.57	1.5	ANNUAL	SRCGP6	5
607012.2	4122680	0.05915	59.61	59.61	1.5	ANNUAL	SRCGP6	5
607032.2	4122680	0.05773	59.7	59.7	1.5	ANNUAL	SRCGP6	5
605632.2	4122700	0.39113	56.12	56.12	1.5	ANNUAL	SRCGP6	5
605652.2	4122700	0.40079	56.16	56.16	1.5	ANNUAL	SRCGP6	5
605672.2	4122700	0.41007	56.22	56.22	1.5	ANNUAL	SRCGP6	5
605692.2	4122700	0.4188	56.22	56.22	1.5	ANNUAL	SRCGP6	5
605712.2	4122700	0.42689	56.25	56.25	1.5	ANNUAL	SRCGP6	5
605752.2	4122700	0.44008	56.02	56.02	1.5	ANNUAL	SRCGP6	5
605772.2	4122700	0.44504	56.04	56.04	1.5	ANNUAL	SRCGP6	5
605792.2	4122700	0.44864	56.11	56.11	1.5	ANNUAL	SRCGP6	5
605812.2	4122700	0.45061	56.14	56.14	1.5	ANNUAL	SRCGP6	5
605852.2	4122700	0.44903	56.07	56.07	1.5	ANNUAL	SRCGP6	5
605872.2	4122700	0.44615	56.63	56.63	1.5	ANNUAL	SRCGP6	5

605892.2	4122700	0.44099	56.78	56.78	1.5	ANNUAL	SRCGP6	5
605932.2	4122700	0.42539	56.22	56.22	1.5	ANNUAL	SRCGP6	5
605952.2	4122700	0.41691	56.78	56.78	1.5	ANNUAL	SRCGP6	5
605972.2	4122700	0.4076	57.33	57.33	1.5	ANNUAL	SRCGP6	5
605992.2	4122700	0.39741	57.38	57.38	1.5	ANNUAL	SRCGP6	5
606012.2	4122700	0.38649	57.36	57.36	1.5	ANNUAL	SRCGP6	5
606032.2	4122700	0.37457	57.56	57.56	1.5	ANNUAL	SRCGP6	5
606112.2	4122700	0.31393	58.46	58.46	1.5	ANNUAL	SRCGP6	5
606132.2	4122700	0.29751	58.93	58.93	1.5	ANNUAL	SRCGP6	5
606412.2	4122700	0.15071	59	59	1.5	ANNUAL	SRCGP6	5
606432.2	4122700	0.14453	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606452.2	4122700	0.13871	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606472.2	4122700	0.13324	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606492.2	4122700	0.12812	58.86	58.86	1.5	ANNUAL	SRCGP6	5
606512.2	4122700	0.12325	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606532.2	4122700	0.11864	59.29	59.29	1.5	ANNUAL	SRCGP6	5
606552.2	4122700	0.1144	59.11	59.11	1.5	ANNUAL	SRCGP6	5
606572.2	4122700	0.11042	58.83	58.83	1.5	ANNUAL	SRCGP6	5
606592.2	4122700	0.10653	59.12	59.12	1.5	ANNUAL	SRCGP6	5
606612.2	4122700	0.10289	59.25	59.25	1.5	ANNUAL	SRCGP6	5
606632.2	4122700	0.09947	59.26	59.26	1.5	ANNUAL	SRCGP6	5
606652.2	4122700	0.09621	59.33	59.33	1.5	ANNUAL	SRCGP6	5
606732.2	4122700	0.08485	58.72	58.72	1.5	ANNUAL	SRCGP6	5
606752.2	4122700	0.08232	58.72	58.72	1.5	ANNUAL	SRCGP6	5
606772.2	4122700	0.07991	58.69	58.69	1.5	ANNUAL	SRCGP6	5
606792.2	4122700	0.0776	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606812.2	4122700	0.07538	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606832.2	4122700	0.07326	59.08	59.08	1.5	ANNUAL	SRCGP6	5
606852.2	4122700	0.07125	59.14	59.14	1.5	ANNUAL	SRCGP6	5
606872.2	4122700	0.06936	58.97	58.97	1.5	ANNUAL	SRCGP6	5
605632.2	4122720	0.37453	55.87	55.87	1.5	ANNUAL	SRCGP6	5
605652.2	4122720	0.38241	55.98	55.98	1.5	ANNUAL	SRCGP6	5
605672.2	4122720	0.38977	56.08	56.08	1.5	ANNUAL	SRCGP6	5
605692.2	4122720	0.39657	56.34	56.34	1.5	ANNUAL	SRCGP6	5
605712.2	4122720	0.40241	56.25	56.25	1.5	ANNUAL	SRCGP6	5
605752.2	4122720	0.41116	56.1	56.1	1.5	ANNUAL	SRCGP6	5
605812.2	4122720	0.41541	56.43	56.43	1.5	ANNUAL	SRCGP6	5
605872.2	4122720	0.40637	56.64	56.64	1.5	ANNUAL	SRCGP6	5
605892.2	4122720	0.40064	56.83	56.83	1.5	ANNUAL	SRCGP6	5
605952.2	4122720	0.37779	56.89	56.89	1.5	ANNUAL	SRCGP6	5
605972.2	4122720	0.36939	57.38	57.38	1.5	ANNUAL	SRCGP6	5
605992.2	4122720	0.36037	57.37	57.37	1.5	ANNUAL	SRCGP6	5
606112.2	4122720	0.28796	58.4	58.4	1.5	ANNUAL	SRCGP6	5
606132.2	4122720	0.27381	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606152.2	4122720	0.26036	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606172.2	4122720	0.24771	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606192.2	4122720	0.23593	58.65	58.65	1.5	ANNUAL	SRCGP6	5
606212.2	4122720	0.22482	58.68	58.68	1.5	ANNUAL	SRCGP6	5
606232.2	4122720	0.21438	58.79	58.79	1.5	ANNUAL	SRCGP6	5
606252.2	4122720	0.20452	59	59	1.5	ANNUAL	SRCGP6	5
606272.2	4122720	0.19525	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606292.2	4122720	0.18658	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606312.2	4122720	0.17839	58.95	58.95	1.5	ANNUAL	SRCGP6	5
606352.2	4122720	0.1634	58.82	58.82	1.5	ANNUAL	SRCGP6	5
606372.2	4122720	0.15656	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606412.2	4122720	0.14396	59.02	59.02	1.5	ANNUAL	SRCGP6	5
606432.2	4122720	0.13828	58.95	58.95	1.5	ANNUAL	SRCGP6	5
606452.2	4122720	0.13293	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606472.2	4122720	0.12787	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606492.2	4122720	0.12316	58.71	58.71	1.5	ANNUAL	SRCGP6	5
606512.2	4122720	0.11862	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606532.2	4122720	0.11434	59.14	59.14	1.5	ANNUAL	SRCGP6	5
606552.2	4122720	0.11037	59	59	1.5	ANNUAL	SRCGP6	5
606572.2	4122720	0.10658	59.05	59.05	1.5	ANNUAL	SRCGP6	5
606592.2	4122720	0.103	59.05	59.05	1.5	ANNUAL	SRCGP6	5
606612.2	4122720	0.09959	59.1	59.1	1.5	ANNUAL	SRCGP6	5
606632.2	4122720	0.09639	59	59	1.5	ANNUAL	SRCGP6	5
606652.2	4122720	0.09335	58.88	58.88	1.5	ANNUAL	SRCGP6	5
606732.2	4122720	0.08253	58.73	58.73	1.5	ANNUAL	SRCGP6	5
606752.2	4122720	0.08013	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606772.2	4122720	0.07784	58.73	58.73	1.5	ANNUAL	SRCGP6	5
606792.2	4122720	0.07562	58.9	58.9	1.5	ANNUAL	SRCGP6	5
606812.2	4122720	0.07351	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606832.2	4122720	0.07151	59.03	59.03	1.5	ANNUAL	SRCGP6	5
606852.2	4122720	0.0696	59.01	59.01	1.5	ANNUAL	SRCGP6	5
607032.2	4122720	0.05559	59.05	59.05	1.5	ANNUAL	SRCGP6	5
605632.2	4122740	0.35745	55.37	55.37	1.5	ANNUAL	SRCGP6	5
605652.2	4122740	0.36364	55.45	55.45	1.5	ANNUAL	SRCGP6	5
605672.2	4122740	0.36946	55.81	55.81	1.5	ANNUAL	SRCGP6	5
605692.2	4122740	0.37448	56.06	56.06	1.5	ANNUAL	SRCGP6	5
605712.2	4122740	0.3786	56.2	56.2	1.5	ANNUAL	SRCGP6	5
605752.2	4122740	0.38362	56.02	56.02	1.5	ANNUAL	SRCGP6	5
605812.2	4122740	0.38318	56.51	56.51	1.5	ANNUAL	SRCGP6	5
605872.2	4122740	0.37157	56.71	56.71	1.5	ANNUAL	SRCGP6	5
605892.2	4122740	0.36568	56.86	56.86	1.5	ANNUAL	SRCGP6	5
605952.2	4122740	0.34445	56.87	56.87	1.5	ANNUAL	SRCGP6	5
605972.2	4122740	0.33691	57.3	57.3	1.5	ANNUAL	SRCGP6	5
605992.2	4122740	0.32892	57.33	57.33	1.5	ANNUAL	SRCGP6	5
606112.2	4122740	0.26557	58.38	58.38	1.5	ANNUAL	SRCGP6	5
606132.2	4122740	0.25331	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606152.2	4122740	0.24157	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606172.2	4122740	0.23047	58.99	58.99	1.5	ANNUAL	SRCGP6	5
606192.2	4122740	0.2201	58.79	58.79	1.5	ANNUAL	SRCGP6	5
606212.2	4122740	0.21029	58.84	58.84	1.5	ANNUAL	SRCGP6	5
606232.2	4122740	0.2011	58.8	58.8	1.5	ANNUAL	SRCGP6	5
606252.2	4122740	0.19237	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606272.2	4122740	0.18417	58.9	58.9	1.5	ANNUAL	SRCGP6	5
606292.2	4122740	0.17638	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606312.2	4122740	0.16902	58.89	58.89	1.5	ANNUAL	SRCGP6	5
606352.2	4122740	0.15548	58.76	58.76	1.5	ANNUAL	SRCGP6	5
606392.2	4122740	0.14341	58.47	58.47	1.5	ANNUAL	SRCGP6	5
606412.2	4122740	0.13772	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606432.2	4122740	0.1325	58.83	58.83	1.5	ANNUAL	SRCGP6	5
606452.2	4122740	0.12752	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606472.2	4122740	0.12287	58.79	58.79	1.5	ANNUAL	SRCGP6	5
606492.2	4122740	0.11847	58.72	58.72	1.5	ANNUAL	SRCGP6	5
606512.2	4122740	0.11419	59.14	59.14	1.5	ANNUAL	SRCGP6	5

606532.2	4122740	0.11028	58.97	58.97	1.5	ANNUAL	SRCGP6	5
606552.2	4122740	0.10654	59	59	1.5	ANNUAL	SRCGP6	5
606572.2	4122740	0.10296	59.16	59.16	1.5	ANNUAL	SRCGP6	5
606592.2	4122740	0.09968	58.73	58.73	1.5	ANNUAL	SRCGP6	5
606612.2	4122740	0.09645	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606632.2	4122740	0.09341	58.98	58.98	1.5	ANNUAL	SRCGP6	5
606732.2	4122740	0.08029	58.86	58.86	1.5	ANNUAL	SRCGP6	5
606752.2	4122740	0.07801	58.85	58.85	1.5	ANNUAL	SRCGP6	5
606772.2	4122740	0.07583	58.81	58.81	1.5	ANNUAL	SRCGP6	5
606792.2	4122740	0.07373	58.97	58.97	1.5	ANNUAL	SRCGP6	5
606812.2	4122740	0.07173	58.97	58.97	1.5	ANNUAL	SRCGP6	5
606832.2	4122740	0.06983	58.88	58.88	1.5	ANNUAL	SRCGP6	5
606952.2	4122740	0.05992	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606972.2	4122740	0.05846	59.33	59.33	1.5	ANNUAL	SRCGP6	5
606992.2	4122740	0.05712	58.99	58.99	1.5	ANNUAL	SRCGP6	5
607012.2	4122740	0.05581	58.9	58.9	1.5	ANNUAL	SRCGP6	5
607032.2	4122740	0.05454	59.01	59.01	1.5	ANNUAL	SRCGP6	5
607052.2	4122740	0.05332	58.96	58.96	1.5	ANNUAL	SRCGP6	5
605632.2	4122760	0.34072	55.34	55.34	1.5	ANNUAL	SRCGP6	5
605652.2	4122760	0.34525	55.21	55.21	1.5	ANNUAL	SRCGP6	5
605672.2	4122760	0.34957	55.59	55.59	1.5	ANNUAL	SRCGP6	5
605692.2	4122760	0.35309	55.89	55.89	1.5	ANNUAL	SRCGP6	5
605712.2	4122760	0.35583	56.3	56.3	1.5	ANNUAL	SRCGP6	5
605752.2	4122760	0.35784	55.94	55.94	1.5	ANNUAL	SRCGP6	5
605772.2	4122760	0.35766	56.19	56.19	1.5	ANNUAL	SRCGP6	5
605812.2	4122760	0.35395	56.43	56.43	1.5	ANNUAL	SRCGP6	5
605832.2	4122760	0.3505	56.44	56.44	1.5	ANNUAL	SRCGP6	5
605872.2	4122760	0.34103	56.66	56.66	1.5	ANNUAL	SRCGP6	5
605892.2	4122760	0.33529	56.85	56.85	1.5	ANNUAL	SRCGP6	5
605912.2	4122760	0.32898	56.7	56.7	1.5	ANNUAL	SRCGP6	5
605952.2	4122760	0.31584	56.83	56.83	1.5	ANNUAL	SRCGP6	5
605972.2	4122760	0.30908	57.28	57.28	1.5	ANNUAL	SRCGP6	5
605992.2	4122760	0.30195	57.37	57.37	1.5	ANNUAL	SRCGP6	5
606112.2	4122760	0.24606	58.4	58.4	1.5	ANNUAL	SRCGP6	5
606132.2	4122760	0.23533	58.99	58.99	1.5	ANNUAL	SRCGP6	5
606152.2	4122760	0.22507	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606172.2	4122760	0.21526	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606192.2	4122760	0.20602	58.93	58.93	1.5	ANNUAL	SRCGP6	5
606212.2	4122760	0.19731	58.95	58.95	1.5	ANNUAL	SRCGP6	5
606232.2	4122760	0.1891	58.97	58.97	1.5	ANNUAL	SRCGP6	5
606252.2	4122760	0.18134	59.02	59.02	1.5	ANNUAL	SRCGP6	5
606272.2	4122760	0.17402	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606292.2	4122760	0.16701	59.02	59.02	1.5	ANNUAL	SRCGP6	5
606312.2	4122760	0.16044	58.8	58.8	1.5	ANNUAL	SRCGP6	5
606352.2	4122760	0.14816	58.68	58.68	1.5	ANNUAL	SRCGP6	5
606392.2	4122760	0.13709	58.55	58.55	1.5	ANNUAL	SRCGP6	5
606412.2	4122760	0.13189	58.89	58.89	1.5	ANNUAL	SRCGP6	5
606432.2	4122760	0.12708	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606452.2	4122760	0.1225	58.74	58.74	1.5	ANNUAL	SRCGP6	5
606472.2	4122760	0.11814	58.81	58.81	1.5	ANNUAL	SRCGP6	5
606492.2	4122760	0.11404	58.79	58.79	1.5	ANNUAL	SRCGP6	5
606512.2	4122760	0.11007	59.13	59.13	1.5	ANNUAL	SRCGP6	5
606532.2	4122760	0.10641	59	59	1.5	ANNUAL	SRCGP6	5
606552.2	4122760	0.10289	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606572.2	4122760	0.0996	58.9	58.9	1.5	ANNUAL	SRCGP6	5
606592.2	4122760	0.09649	58.64	58.64	1.5	ANNUAL	SRCGP6	5
606612.2	4122760	0.09345	58.84	58.84	1.5	ANNUAL	SRCGP6	5
606732.2	4122760	0.07815	58.85	58.85	1.5	ANNUAL	SRCGP6	5
606752.2	4122760	0.07599	58.81	58.81	1.5	ANNUAL	SRCGP6	5
606772.2	4122760	0.07391	58.81	58.81	1.5	ANNUAL	SRCGP6	5
606792.2	4122760	0.07192	58.91	58.91	1.5	ANNUAL	SRCGP6	5
606812.2	4122760	0.07002	58.85	58.85	1.5	ANNUAL	SRCGP6	5
606952.2	4122760	0.05868	59.04	59.04	1.5	ANNUAL	SRCGP6	5
606972.2	4122760	0.05731	59.14	59.14	1.5	ANNUAL	SRCGP6	5
606992.2	4122760	0.056	59.04	59.04	1.5	ANNUAL	SRCGP6	5
607012.2	4122760	0.05473	59.07	59.07	1.5	ANNUAL	SRCGP6	5
607032.2	4122760	0.0535	59.14	59.14	1.5	ANNUAL	SRCGP6	5
607052.2	4122760	0.05231	59.43	59.43	1.5	ANNUAL	SRCGP6	5
605632.2	4122780	0.32455	55.85	55.85	1.5	ANNUAL	SRCGP6	5
605652.2	4122780	0.32765	55.45	55.45	1.5	ANNUAL	SRCGP6	5
605672.2	4122780	0.33043	55.53	55.53	1.5	ANNUAL	SRCGP6	5
605692.2	4122780	0.33275	55.97	55.97	1.5	ANNUAL	SRCGP6	5
605712.2	4122780	0.3342	56.36	56.36	1.5	ANNUAL	SRCGP6	5
605752.2	4122780	0.33387	55.83	55.83	1.5	ANNUAL	SRCGP6	5
605772.2	4122780	0.33283	56.24	56.24	1.5	ANNUAL	SRCGP6	5
605792.2	4122780	0.33068	56.32	56.32	1.5	ANNUAL	SRCGP6	5
605812.2	4122780	0.32762	56.32	56.32	1.5	ANNUAL	SRCGP6	5
605872.2	4122780	0.31421	56.54	56.54	1.5	ANNUAL	SRCGP6	5
605892.2	4122780	0.30879	56.87	56.87	1.5	ANNUAL	SRCGP6	5
605912.2	4122780	0.303	56.82	56.82	1.5	ANNUAL	SRCGP6	5
605952.2	4122780	0.29109	56.84	56.84	1.5	ANNUAL	SRCGP6	5
605992.2	4122780	0.27857	57.42	57.42	1.5	ANNUAL	SRCGP6	5
606112.2	4122780	0.22892	58.54	58.54	1.5	ANNUAL	SRCGP6	5
606132.2	4122780	0.21952	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606152.2	4122780	0.21046	58.85	58.85	1.5	ANNUAL	SRCGP6	5
606172.2	4122780	0.20177	58.83	58.83	1.5	ANNUAL	SRCGP6	5
606192.2	4122780	0.19347	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606212.2	4122780	0.18569	58.93	58.93	1.5	ANNUAL	SRCGP6	5
606232.2	4122780	0.17834	58.96	58.96	1.5	ANNUAL	SRCGP6	5
606252.2	4122780	0.17136	59.01	59.01	1.5	ANNUAL	SRCGP6	5
606272.2	4122780	0.16479	58.92	58.92	1.5	ANNUAL	SRCGP6	5
606292.2	4122780	0.15852	58.83	58.83	1.5	ANNUAL	SRCGP6	5
606312.2	4122780	0.15253	58.8	58.8	1.5	ANNUAL	SRCGP6	5
606352.2	4122780	0.14135	58.75	58.75	1.5	ANNUAL	SRCGP6	5
606372.2	4122780	0.13617	58.61	58.61	1.5	ANNUAL	SRCGP6	5
606392.2	4122780	0.13121	58.65	58.65	1.5	ANNUAL	SRCGP6	5
606412.2	4122780	0.1265	58.67	58.67	1.5	ANNUAL	SRCGP6	5
606432.2	4122780	0.12202	58.69	58.69	1.5	ANNUAL	SRCGP6	5
606452.2	4122780	0.11776	58.72	58.72	1.5	ANNUAL	SRCGP6	5
606472.2	4122780	0.11371	58.8	58.8	1.5	ANNUAL	SRCGP6	5
606492.2	4122780	0.10989	58.78	58.78	1.5	ANNUAL	SRCGP6	5
606512.2	4122780	0.10621	58.99	58.99	1.5	ANNUAL	SRCGP6	5
606532.2	4122780	0.10278	58.87	58.87	1.5	ANNUAL	SRCGP6	5
606552.2	4122780	0.0995	58.84	58.84	1.5	ANNUAL	SRCGP6	5
606572.2	4122780	0.09637	58.9	58.9	1.5	ANNUAL	SRCGP6	5
606592.2	4122780	0.09341	58.86	58.86	1.5	ANNUAL	SRCGP6	5
606852.2	4122780	0.06488	59.42	59.42	1.5	ANNUAL	SRCGP6	5

606872.2	4122780	0.06324	59.78	59.78	1.5	ANNUAL	SRCGP6	5
606892.2	4122780	0.06169	59.88	59.88	1.5	ANNUAL	SRCGP6	5
606912.2	4122780	0.06025	59.41	59.41	1.5	ANNUAL	SRCGP6	5
606932.2	4122780	0.05885	59.16	59.16	1.5	ANNUAL	SRCGP6	5
606952.2	4122780	0.05748	59.13	59.13	1.5	ANNUAL	SRCGP6	5
606972.2	4122780	0.05616	59.24	59.24	1.5	ANNUAL	SRCGP6	5
606992.2	4122780	0.05488	59.35	59.35	1.5	ANNUAL	SRCGP6	5
607012.2	4122780	0.05365	59.45	59.45	1.5	ANNUAL	SRCGP6	5
607032.2	4122780	0.05247	59.54	59.54	1.5	ANNUAL	SRCGP6	5
607052.2	4122780	0.05133	59.6	59.6	1.5	ANNUAL	SRCGP6	5
605632.2	4122800	0.30844	55.94	55.94	1.5	ANNUAL	SRCGP6	5
605652.2	4122800	0.3106	55.72	55.72	1.5	ANNUAL	SRCGP6	5
605672.2	4122800	0.31205	55.44	55.44	1.5	ANNUAL	SRCGP6	5
605692.2	4122800	0.31337	55.95	55.95	1.5	ANNUAL	SRCGP6	5
605712.2	4122800	0.31378	56.24	56.24	1.5	ANNUAL	SRCGP6	5
605732.2	4122800	0.31328	56.16	56.16	1.5	ANNUAL	SRCGP6	5
605772.2	4122800	0.31006	56.15	56.15	1.5	ANNUAL	SRCGP6	5
605872.2	4122800	0.29064	56.54	56.54	1.5	ANNUAL	SRCGP6	5
605892.2	4122800	0.28555	56.82	56.82	1.5	ANNUAL	SRCGP6	5
605912.2	4122800	0.28027	56.89	56.89	1.5	ANNUAL	SRCGP6	5
605952.2	4122800	0.2695	56.89	56.89	1.5	ANNUAL	SRCGP6	5
605992.2	4122800	0.25815	57.38	57.38	1.5	ANNUAL	SRCGP6	5
606032.2	4122800	0.24523	57.49	57.49	1.5	ANNUAL	SRCGP6	5
606112.2	4122800	0.2138	58.52	58.52	1.5	ANNUAL	SRCGP6	5
606352.2	4122800	0.13508	58.58	58.58	1.5	ANNUAL	SRCGP6	5
606372.2	4122800	0.13036	58.38	58.38	1.5	ANNUAL	SRCGP6	5
606392.2	4122800	0.12576	58.59	58.59	1.5	ANNUAL	SRCGP6	5
606412.2	4122800	0.1214	58.67	58.67	1.5	ANNUAL	SRCGP6	5
606432.2	4122800	0.11726	58.67	58.67	1.5	ANNUAL	SRCGP6	5
606452.2	4122800	0.11332	58.68	58.68	1.5	ANNUAL	SRCGP6	5
606472.2	4122800	0.10955	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606492.2	4122800	0.10599	58.69	58.69	1.5	ANNUAL	SRCGP6	5
606512.2	4122800	0.10255	58.94	58.94	1.5	ANNUAL	SRCGP6	5
606532.2	4122800	0.09934	58.78	58.78	1.5	ANNUAL	SRCGP6	5
606552.2	4122800	0.09626	58.77	58.77	1.5	ANNUAL	SRCGP6	5
606572.2	4122800	0.09333	58.78	58.78	1.5	ANNUAL	SRCGP6	5
606672.2	4122800	0.08043	59.6	59.6	1.5	ANNUAL	SRCGP6	5
606692.2	4122800	0.07819	59.7	59.7	1.5	ANNUAL	SRCGP6	5
606712.2	4122800	0.07607	59.64	59.64	1.5	ANNUAL	SRCGP6	5
606732.2	4122800	0.07404	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606752.2	4122800	0.0721	59.35	59.35	1.5	ANNUAL	SRCGP6	5
606852.2	4122800	0.06338	59.84	59.84	1.5	ANNUAL	SRCGP6	5
606872.2	4122800	0.06184	59.89	59.89	1.5	ANNUAL	SRCGP6	5
606892.2	4122800	0.06037	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606912.2	4122800	0.05899	59.35	59.35	1.5	ANNUAL	SRCGP6	5
606932.2	4122800	0.05763	59.26	59.26	1.5	ANNUAL	SRCGP6	5
606952.2	4122800	0.05631	59.35	59.35	1.5	ANNUAL	SRCGP6	5
606972.2	4122800	0.05504	59.35	59.35	1.5	ANNUAL	SRCGP6	5
606992.2	4122800	0.05381	59.48	59.48	1.5	ANNUAL	SRCGP6	5
607012.2	4122800	0.05262	59.6	59.6	1.5	ANNUAL	SRCGP6	5
607032.2	4122800	0.05148	59.72	59.72	1.5	ANNUAL	SRCGP6	5
607052.2	4122800	0.05038	59.83	59.83	1.5	ANNUAL	SRCGP6	5
605632.2	4122820	0.29282	56.01	56.01	1.5	ANNUAL	SRCGP6	5
605652.2	4122820	0.29416	55.93	55.93	1.5	ANNUAL	SRCGP6	5
605672.2	4122820	0.29465	55.46	55.46	1.5	ANNUAL	SRCGP6	5
605692.2	4122820	0.29506	55.87	55.87	1.5	ANNUAL	SRCGP6	5
605712.2	4122820	0.2947	56.12	56.12	1.5	ANNUAL	SRCGP6	5
605732.2	4122820	0.29362	56.28	56.28	1.5	ANNUAL	SRCGP6	5
605832.2	4122820	0.27872	56.19	56.19	1.5	ANNUAL	SRCGP6	5
605852.2	4122820	0.27442	56.45	56.45	1.5	ANNUAL	SRCGP6	5
605872.2	4122820	0.26984	56.68	56.68	1.5	ANNUAL	SRCGP6	5
605892.2	4122820	0.2651	56.85	56.85	1.5	ANNUAL	SRCGP6	5
605912.2	4122820	0.26026	56.78	56.78	1.5	ANNUAL	SRCGP6	5
605952.2	4122820	0.2505	56.78	56.78	1.5	ANNUAL	SRCGP6	5
606672.2	4122820	0.07816	60.05	60.05	1.5	ANNUAL	SRCGP6	5
606692.2	4122820	0.07605	60.05	60.05	1.5	ANNUAL	SRCGP6	5
606712.2	4122820	0.07403	60.05	60.05	1.5	ANNUAL	SRCGP6	5
606732.2	4122820	0.07209	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606752.2	4122820	0.07026	59.76	59.76	1.5	ANNUAL	SRCGP6	5
606852.2	4122820	0.06197	59.81	59.81	1.5	ANNUAL	SRCGP6	5
606872.2	4122820	0.06052	59.66	59.66	1.5	ANNUAL	SRCGP6	5
606892.2	4122820	0.05911	59.52	59.52	1.5	ANNUAL	SRCGP6	5
606912.2	4122820	0.05777	59.24	59.24	1.5	ANNUAL	SRCGP6	5
606932.2	4122820	0.05646	59.17	59.17	1.5	ANNUAL	SRCGP6	5
606952.2	4122820	0.05516	59.58	59.58	1.5	ANNUAL	SRCGP6	5
606972.2	4122820	0.05395	59.5	59.5	1.5	ANNUAL	SRCGP6	5
606992.2	4122820	0.05277	59.61	59.61	1.5	ANNUAL	SRCGP6	5
607012.2	4122820	0.05162	59.73	59.73	1.5	ANNUAL	SRCGP6	5
607032.2	4122820	0.05052	59.84	59.84	1.5	ANNUAL	SRCGP6	5
607052.2	4122820	0.04946	59.95	59.95	1.5	ANNUAL	SRCGP6	5
605632.2	4122840	0.27782	56.04	56.04	1.5	ANNUAL	SRCGP6	5
605652.2	4122840	0.27843	56.02	56.02	1.5	ANNUAL	SRCGP6	5
605672.2	4122840	0.27829	55.61	55.61	1.5	ANNUAL	SRCGP6	5
605692.2	4122840	0.27776	55.54	55.54	1.5	ANNUAL	SRCGP6	5
605712.2	4122840	0.27696	56.03	56.03	1.5	ANNUAL	SRCGP6	5
605792.2	4122840	0.26721	55.98	55.98	1.5	ANNUAL	SRCGP6	5
605812.2	4122840	0.26374	56.36	56.36	1.5	ANNUAL	SRCGP6	5
605832.2	4122840	0.25982	56.44	56.44	1.5	ANNUAL	SRCGP6	5
605852.2	4122840	0.25567	56.61	56.61	1.5	ANNUAL	SRCGP6	5
605872.2	4122840	0.25136	56.67	56.67	1.5	ANNUAL	SRCGP6	5
605892.2	4122840	0.24696	56.62	56.62	1.5	ANNUAL	SRCGP6	5
605912.2	4122840	0.24256	56.64	56.64	1.5	ANNUAL	SRCGP6	5
606092.2	4122840	0.195	57.96	57.96	1.5	ANNUAL	SRCGP6	5
606112.2	4122840	0.18849	57.62	57.62	1.5	ANNUAL	SRCGP6	5
606192.2	4122840	0.16307	57.89	57.89	1.5	ANNUAL	SRCGP6	5
606212.2	4122840	0.15726	58.17	58.17	1.5	ANNUAL	SRCGP6	5
606252.2	4122840	0.14657	58.37	58.37	1.5	ANNUAL	SRCGP6	5
606272.2	4122840	0.1416	58.44	58.44	1.5	ANNUAL	SRCGP6	5
606292.2	4122840	0.13688	58.42	58.42	1.5	ANNUAL	SRCGP6	5
606312.2	4122840	0.13234	58.42	58.42	1.5	ANNUAL	SRCGP6	5
606332.2	4122840	0.12801	58.29	58.29	1.5	ANNUAL	SRCGP6	5
606352.2	4122840	0.12381	58.35	58.35	1.5	ANNUAL	SRCGP6	5
606372.2	4122840	0.11981	58.21	58.21	1.5	ANNUAL	SRCGP6	5
606392.2	4122840	0.11593	58.27	58.27	1.5	ANNUAL	SRCGP6	5
606412.2	4122840	0.1122	58.38	58.38	1.5	ANNUAL	SRCGP6	5
606432.2	4122840	0.10863	58.49	58.49	1.5	ANNUAL	SRCGP6	5
606452.2	4122840	0.10522	58.48	58.48	1.5	ANNUAL	SRCGP6	5

606672.2	4122840	0.07605	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606692.2	4122840	0.07405	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606712.2	4122840	0.07213	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606732.2	4122840	0.07028	60.04	60.04	1.5	ANNUAL	SRCGP6	5
606752.2	4122840	0.06855	59.62	59.62	1.5	ANNUAL	SRCGP6	5
606852.2	4122840	0.06062	59.73	59.73	1.5	ANNUAL	SRCGP6	5
606872.2	4122840	0.05924	59.38	59.38	1.5	ANNUAL	SRCGP6	5
606892.2	4122840	0.05789	59.24	59.24	1.5	ANNUAL	SRCGP6	5
606912.2	4122840	0.05659	59.1	59.1	1.5	ANNUAL	SRCGP6	5
606932.2	4122840	0.05533	59.07	59.07	1.5	ANNUAL	SRCGP6	5
606952.2	4122840	0.05406	59.74	59.74	1.5	ANNUAL	SRCGP6	5
606972.2	4122840	0.05289	59.69	59.69	1.5	ANNUAL	SRCGP6	5
606992.2	4122840	0.05175	59.74	59.74	1.5	ANNUAL	SRCGP6	5
607012.2	4122840	0.05065	59.86	59.86	1.5	ANNUAL	SRCGP6	5
607032.2	4122840	0.04959	59.97	59.97	1.5	ANNUAL	SRCGP6	5
607052.2	4122840	0.04857	60	60	1.5	ANNUAL	SRCGP6	5
606158.5	4121900	9.76431	57.39	313.5	1.5	ANNUAL	SRCGP6	5
606169	4121883	10.31697	57.41	313.5	1.5	ANNUAL	SRCGP6	5
606132.1	4121801	8.46356	57.52	313.5	1.5	ANNUAL	SRCGP6	5
606385	4122113	1.10355	61.43	61.43	1.5	ANNUAL	SRCGP6	5
606405	4122113	0.99364	61.72	61.72	1.5	ANNUAL	SRCGP6	5
606425	4122113	0.90253	61.52	61.52	1.5	ANNUAL	SRCGP6	5
606445	4122113	0.8445	60.48	60.48	1.5	ANNUAL	SRCGP6	5
606465	4122113	0.77707	59.09	59.09	1.5	ANNUAL	SRCGP6	5
606385	4122133	1.06941	61.8	61.8	1.5	ANNUAL	SRCGP6	5
606405	4122133	0.97	61.32	61.32	1.5	ANNUAL	SRCGP6	5
606425	4122133	0.88824	60.86	60.86	1.5	ANNUAL	SRCGP6	5
606445	4122133	0.8185	60.28	60.28	1.5	ANNUAL	SRCGP6	5
606465	4122133	0.74871	59.15	59.15	1.5	ANNUAL	SRCGP6	5
606385	4122153	1.06078	60.69	61.52	1.5	ANNUAL	SRCGP6	5
606405	4122153	0.95965	60.54	60.54	1.5	ANNUAL	SRCGP6	5
606425	4122153	0.87068	60.21	60.21	1.5	ANNUAL	SRCGP6	5
606445	4122153	0.78954	59.8	59.8	1.5	ANNUAL	SRCGP6	5
606465	4122153	0.71811	59.25	59.25	1.5	ANNUAL	SRCGP6	5
606385	4122173	1.04932	57.94	61.91	1.5	ANNUAL	SRCGP6	5
606405	4122173	0.93744	58.59	60.32	1.5	ANNUAL	SRCGP6	5
606425	4122173	0.84299	58.64	58.64	1.5	ANNUAL	SRCGP6	5
606445	4122173	0.76303	57.99	59.8	1.5	ANNUAL	SRCGP6	5
606465	4122173	0.68989	58.06	59.47	1.5	ANNUAL	SRCGP6	5
606385	4122193	1.0102	57.29	57.29	1.5	ANNUAL	SRCGP6	5
606405	4122193	0.90275	57.3	57.3	1.5	ANNUAL	SRCGP6	5
606425	4122193	0.80926	57.36	57.36	1.5	ANNUAL	SRCGP6	5
606445	4122193	0.72911	57.02	57.02	1.5	ANNUAL	SRCGP6	5
606465	4122193	0.6566	57.48	58.37	1.5	ANNUAL	SRCGP6	5

CONCUNIT /m^3

DEPUNIT ε ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP7
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.22875	56.12	313.5	1.5	ANNUAL	SRCGP7	5	
605652.2	4121420	0.23131	56.27	313.5	1.5	ANNUAL	SRCGP7	5	
605672.2	4121420	0.23033	55.57	313.5	1.5	ANNUAL	SRCGP7	5	
605692.2	4121420	0.23377	55.91	313.5	1.5	ANNUAL	SRCGP7	5	
605712.2	4121420	0.23757	56.29	313.5	1.5	ANNUAL	SRCGP7	5	
605732.2	4121420	0.24049	56.54	313.5	1.5	ANNUAL	SRCGP7	5	
605752.2	4121420	0.24283	56.56	313.5	1.5	ANNUAL	SRCGP7	5	
605772.2	4121420	0.2453	56.68	313.5	1.5	ANNUAL	SRCGP7	5	
605792.2	4121420	0.24793	56.74	313.5	1.5	ANNUAL	SRCGP7	5	
605812.2	4121420	0.25073	56.85	313.5	1.5	ANNUAL	SRCGP7	5	
605832.2	4121420	0.25373	56.94	313.5	1.5	ANNUAL	SRCGP7	5	
605852.2	4121420	0.25656	56.97	313.5	1.5	ANNUAL	SRCGP7	5	
605872.2	4121420	0.25979	56.99	313.5	1.5	ANNUAL	SRCGP7	5	
605892.2	4121420	0.25937	57.31	313.5	1.5	ANNUAL	SRCGP7	5	
605912.2	4121420	0.26418	57.25	313.5	1.5	ANNUAL	SRCGP7	5	
605932.2	4121420	0.2677	57.32	313.5	1.5	ANNUAL	SRCGP7	5	
605952.2	4121420	0.27162	57.39	313.5	1.5	ANNUAL	SRCGP7	5	
605972.2	4121420	0.27676	57.4	313.5	1.5	ANNUAL	SRCGP7	5	
605992.2	4121420	0.28067	57.54	313.5	1.5	ANNUAL	SRCGP7	5	
606012.2	4121420	0.28548	57.65	313.5	1.5	ANNUAL	SRCGP7	5	
606032.2	4121420	0.29244	57.64	313.5	1.5	ANNUAL	SRCGP7	5	
606052.2	4121420	0.2995	57.67	313.5	1.5	ANNUAL	SRCGP7	5	
606072.2	4121420	0.30724	57.7	313.5	1.5	ANNUAL	SRCGP7	5	
606092.2	4121420	0.31796	57.58	313.5	1.5	ANNUAL	SRCGP7	5	
606112.2	4121420	0.3325	57.29	313.5	1.5	ANNUAL	SRCGP7	5	
606132.2	4121420	0.33801	57.65	313.5	1.5	ANNUAL	SRCGP7	5	
606152.2	4121420	0.34873	57.77	313.5	1.5	ANNUAL	SRCGP7	5	
606172.2	4121420	0.36154	57.87	313.5	1.5	ANNUAL	SRCGP7	5	
606192.2	4121420	0.3777	57.9	313.5	1.5	ANNUAL	SRCGP7	5	
606212.2	4121420	0.39768	57.87	313.5	1.5	ANNUAL	SRCGP7	5	
606232.2	4121420	0.4197	57.92	313.5	1.5	ANNUAL	SRCGP7	5	
606252.2	4121420	0.44578	57.96	313.5	1.5	ANNUAL	SRCGP7	5	
606272.2	4121420	0.47593	58.02	313.5	1.5	ANNUAL	SRCGP7	5	
606292.2	4121420	0.51056	58.1	313.5	1.5	ANNUAL	SRCGP7	5	
606312.2	4121420	0.55046	58.18	313.5	1.5	ANNUAL	SRCGP7	5	
606332.2	4121420	0.5989	58.12	313.5	1.5	ANNUAL	SRCGP7	5	
606352.2	4121420	0.65205	58.13	313.5	1.5	ANNUAL	SRCGP7	5	
606372.2	4121420	0.71005	58.21	313.5	1.5	ANNUAL	SRCGP7	5	
606392.2	4121420	0.7776	58.18	313.5	1.5	ANNUAL	SRCGP7	5	
606412.2	4121420	0.85016	58.25	313.5	1.5	ANNUAL	SRCGP7	5	
606432.2	4121420	0.92551	58.51	313.5	1.5	ANNUAL	SRCGP7	5	
606452.2	4121420	1.02557	58.21	313.5	1.5	ANNUAL	SRCGP7	5	
606472.2	4121420	1.13564	57.94	313.5	1.5	ANNUAL	SRCGP7	5	
606492.2	4121420	1.24322	58.01	313.5	1.5	ANNUAL	SRCGP7	5	
606512.2	4121420	1.34726	58.38	313.5	1.5	ANNUAL	SRCGP7	5	
606532.2	4121420	1.46384	58.56	313.5	1.5	ANNUAL	SRCGP7	5	
606552.2	4121420	1.60065	58.28	313.5	1.5	ANNUAL	SRCGP7	5	
606572.2	4121420	1.73294	58.14	313.5	1.5	ANNUAL	SRCGP7	5	
606592.2	4121420	1.83783	58.6	313.5	1.5	ANNUAL	SRCGP7	5	
606612.2	4121420	1.95124	58.68	313.5	1.5	ANNUAL	SRCGP7	5	
606632.2	4121420	2.05726	58.71	313.5	1.5	ANNUAL	SRCGP7	5	
606652.2	4121420	2.15266	58.72	313.5	1.5	ANNUAL	SRCGP7	5	
606672.2	4121420	2.23223	58.81	313.5	1.5	ANNUAL	SRCGP7	5	
606692.2	4121420	2.30007	58.86	313.5	1.5	ANNUAL	SRCGP7	5	
606712.2	4121420	2.3543	58.92	313.5	1.5	ANNUAL	SRCGP7	5	

606732.2	4121420	2.39666	58.96	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121420	2.42461	59.07	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121420	2.44271	59.16	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121420	2.45098	59.26	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121420	2.44807	59.44	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121420	2.44361	59.46	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121420	2.42925	59.58	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121420	2.41497	59.53	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121420	2.39134	59.61	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121420	2.36246	59.72	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121420	2.33482	59.66	313.5	1.5	ANNUAL	SRCGP7	5
606952.2	4121420	2.31563	59.18	313.5	1.5	ANNUAL	SRCGP7	5
606972.2	4121420	2.2667	59.62	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121420	2.22136	59.87	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121420	2.18033	59.87	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121420	2.14888	59.37	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121420	2.10088	59.49	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121440	0.23532	56.05	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121440	0.23761	56.13	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121440	0.23628	55.38	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121440	0.24145	56.09	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121440	0.2451	56.42	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121440	0.24741	56.49	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121440	0.24972	56.49	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121440	0.25215	56.63	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121440	0.25471	56.78	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121440	0.25744	56.87	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121440	0.26036	56.94	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121440	0.26309	56.97	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121440	0.26579	57.02	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121440	0.26767	57.15	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121440	0.27069	57.22	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121440	0.27381	57.31	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121440	0.27815	57.34	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121440	0.28296	57.37	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121440	0.28703	57.49	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121440	0.29178	57.6	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121440	0.29822	57.63	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121440	0.30503	57.68	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121440	0.31214	57.76	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121440	0.3251	57.5	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121440	0.33935	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121440	0.34552	57.57	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121440	0.35533	57.76	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121440	0.36954	57.79	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121440	0.3861	57.82	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121440	0.40482	57.9	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121440	0.42936	57.84	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121440	0.45552	57.95	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121440	0.48609	58.09	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121440	0.5247	58.08	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121440	0.56871	58.11	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121440	0.61683	58.26	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4121440	0.67258	58.36	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121440	0.73524	58.47	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121440	0.80729	58.51	313.5	1.5	ANNUAL	SRCGP7	5
606412.2	4121440	0.88922	58.5	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121440	0.98216	58.44	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121440	1.1002	57.94	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121440	1.20859	58.07	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121440	1.32514	58.23	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121440	1.46503	58	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121440	1.60565	57.91	313.5	1.5	ANNUAL	SRCGP7	5

606552.2	4121440	1.74282	57.95	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121440	1.86616	58.26	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121440	1.99117	58.41	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121440	2.10891	58.52	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121440	2.21442	58.64	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121440	2.30623	58.76	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121440	2.38539	58.83	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121440	2.44798	58.94	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121440	2.49902	58.98	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121440	2.53738	59	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121440	2.56137	59.07	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121440	2.57636	59.09	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121440	2.58156	59.11	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121440	2.57734	59.15	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121440	2.56405	59.23	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121440	2.5453	59.28	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121440	2.52003	59.35	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121440	2.4907	59.39	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121440	2.45588	59.46	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121440	2.41627	59.56	313.5	1.5	ANNUAL	SRCGP7	5
606952.2	4121440	2.38921	59.12	313.5	1.5	ANNUAL	SRCGP7	5
606972.2	4121440	2.32881	59.72	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121440	2.28073	59.82	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121440	2.23289	59.83	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121440	2.18879	59.6	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121440	2.145	59.27	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121460	0.24289	56.11	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121460	0.24392	55.9	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121460	0.24358	55.4	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121460	0.24911	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121460	0.25265	56.46	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121460	0.25459	56.39	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121460	0.25419	55.88	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121460	0.25691	55.96	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121460	0.26028	56.13	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121460	0.26328	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121460	0.26672	56.31	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121460	0.27036	56.41	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121460	0.27384	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121460	0.27744	56.58	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121460	0.28138	56.68	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121460	0.28571	56.82	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121460	0.29048	56.86	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121460	0.29461	57.01	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121460	0.30007	57.03	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121460	0.30415	57.17	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121460	0.3092	57.29	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121460	0.31589	57.35	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121460	0.32593	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121460	0.33698	57.14	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121460	0.34593	57.2	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121460	0.35709	57.18	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121460	0.36895	57.21	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121460	0.38226	57.28	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121460	0.3982	57.35	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121460	0.41845	57.35	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121460	0.44241	57.38	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121460	0.47054	57.46	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121460	0.50413	57.55	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121460	0.54435	57.62	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121460	0.59136	57.7	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121460	0.64382	57.89	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4121460	0.70554	58	313.5	1.5	ANNUAL	SRCGP7	5

606372.2	4121460	0.77473	58.15	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121460	0.85601	58.16	313.5	1.5	ANNUAL	SRCGP7	5
606412.2	4121460	0.94698	58.19	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121460	1.05216	58.11	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121460	1.17571	57.85	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121460	1.28505	58.35	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121460	1.41713	58.47	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121460	1.56607	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121460	1.72425	58.19	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121460	1.88525	57.99	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121460	2.03881	57.88	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121460	2.17614	57.93	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121460	2.29741	58.06	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121460	2.40213	58.23	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121460	2.49174	58.38	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121460	2.56468	58.53	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121460	2.62344	58.63	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121460	2.66934	58.67	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121460	2.70225	58.68	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121460	2.72266	58.68	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121460	2.73153	58.68	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121460	2.72931	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121460	2.33522	59.77	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121460	2.28167	59.72	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121460	2.22745	59.63	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121460	2.18082	59.14	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121480	0.25148	56.28	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121480	0.2503	55.6	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121480	0.25252	55.65	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121480	0.25739	56.22	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121480	0.26065	56.48	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121480	0.26123	56.14	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121480	0.26115	55.72	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121480	0.2654	56.08	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121480	0.2682	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121480	0.27103	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121480	0.27373	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121480	0.27689	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121480	0.28056	56.32	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121480	0.28441	56.38	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121480	0.28855	56.43	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121480	0.2928	56.51	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121480	0.29743	56.52	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121480	0.30256	56.66	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121480	0.30823	56.66	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121480	0.31451	56.69	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121480	0.32142	56.84	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121480	0.32682	57.06	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121480	0.33089	57.31	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121480	0.33957	57.3	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121480	0.34981	57.23	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121480	0.35856	57.37	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121480	0.37072	57.37	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121480	0.38481	57.39	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121480	0.40156	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121480	0.42319	57.35	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121480	0.44782	57.39	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121480	0.47767	57.44	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121480	0.51337	57.52	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121480	0.55702	57.55	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121480	0.60763	57.64	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121480	0.66625	57.76	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4121480	0.73414	57.87	313.5	1.5	ANNUAL	SRCGP7	5

606372.2	4121480	0.81009	58.06	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121480	0.89995	58.09	313.5	1.5	ANNUAL	SRCGP7	5
606412.2	4121480	1.0077	57.89	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121480	1.12874	57.73	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121480	1.25363	57.9	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121480	1.38877	58.14	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121480	1.53352	58.4	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121480	1.69163	58.5	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121480	1.85812	58.49	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121480	2.02861	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121480	2.18866	58.34	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121480	2.33433	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121480	2.46873	58.32	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121480	2.58549	58.27	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121480	2.68183	58.25	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121480	2.75713	58.27	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121480	2.81323	58.31	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121480	2.85201	58.36	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121480	2.87309	58.46	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121480	2.87929	58.59	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121480	2.87569	58.68	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121480	2.86221	58.76	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121480	2.38028	59.83	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121480	2.32826	59.41	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121480	2.26914	59.21	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121480	2.20632	59.13	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121500	0.2589	56.09	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121500	0.25801	55.49	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121500	0.26273	56.02	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121500	0.26664	56.36	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121500	0.26914	56.42	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121500	0.26719	55.68	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121500	0.2723	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121500	0.27602	56.64	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121500	0.27843	56.7	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121500	0.28095	56.83	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121500	0.28362	56.85	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121500	0.28646	56.86	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121500	0.28922	56.96	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121500	0.29067	57.08	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121500	0.29411	57.09	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121500	0.29666	57.18	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121500	0.30182	57.13	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121500	0.30508	57.23	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121500	0.3108	57.21	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121500	0.32131	56.92	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121500	0.32659	56.99	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121500	0.324	57.64	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121500	0.32916	57.83	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121500	0.34169	57.47	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121500	0.35309	57.27	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121500	0.36028	57.55	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121500	0.36922	57.84	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121500	0.38539	57.68	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121500	0.4015	57.78	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121500	0.42259	57.77	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121500	0.44807	57.79	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121500	0.47809	57.91	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121500	0.51526	58.01	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121500	0.56151	58.03	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121500	0.61481	58.18	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121500	0.67965	58.21	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4121500	0.75421	58.29	313.5	1.5	ANNUAL	SRCGP7	5

606372.2	4121500	0.83875	58.44	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121500	0.93871	58.43	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121500	1.19936	57.81	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121500	1.35206	57.65	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121500	1.51323	57.7	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121500	1.67597	58.02	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121500	1.85092	58.22	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121500	2.02486	58.47	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121500	2.20145	58.54	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121500	2.36878	58.58	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121500	2.52201	58.59	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121500	2.65356	58.65	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121500	2.76599	58.67	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121500	2.85628	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121500	2.92716	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121500	2.97323	58.8	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121500	3.00468	58.84	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121500	3.01878	58.91	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121500	3.01749	59.01	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121500	3.00506	59.09	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121500	2.98799	59.04	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121500	2.41815	59.84	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121500	2.35	59.76	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121500	2.28264	59.62	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121500	2.22181	59.17	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121520	0.26533	55.62	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121520	0.26772	55.67	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121520	0.27227	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121520	0.27585	56.37	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121520	0.2769	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121520	0.275	55.47	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121520	0.28229	56.33	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121520	0.28528	56.64	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121520	0.28766	56.78	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121520	0.29013	56.82	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121520	0.29271	56.78	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121520	0.29546	56.81	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121520	0.2984	56.81	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121520	0.30094	56.98	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121520	0.30457	56.97	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121520	0.30769	57.01	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121520	0.31004	57.12	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121520	0.31335	57.2	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121520	0.31813	57.22	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121520	0.3274	56.77	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121520	0.33233	56.91	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121520	0.33063	57.54	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121520	0.33406	57.84	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121520	0.34511	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121520	0.35672	57.29	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121520	0.36874	57.16	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121520	0.38094	57.17	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121520	0.39584	57.15	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121520	0.4116	57.3	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121520	0.43374	57.26	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121520	0.45891	57.38	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121520	0.49255	57.35	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121520	0.52589	57.9	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121520	0.57454	57.98	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121520	0.63602	57.89	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121520	0.70738	57.91	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4121520	0.79138	57.92	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121520	0.8885	57.95	313.5	1.5	ANNUAL	SRCGP7	5

606432.2	4121520	1.27325	58.1	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121520	1.43656	58.17	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121520	1.62346	58.06	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121520	1.82933	57.85	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121520	2.03664	57.81	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121520	2.23414	57.98	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121520	2.41874	58.24	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121520	2.5899	58.44	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121520	2.74444	58.54	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121520	2.87538	58.63	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121520	2.97809	58.78	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121520	3.06573	58.76	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121520	3.12041	58.92	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121520	3.15966	58.98	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121520	3.18179	59.01	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121520	3.18422	59.1	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121520	3.17378	59.16	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121520	3.15363	59.16	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121520	3.12274	59.15	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121520	2.96353	59.44	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121520	2.90164	59.43	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121520	2.84547	59.12	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121520	2.76987	59.23	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121520	2.69302	59.3	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121520	2.44243	59.98	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121520	2.36446	59.99	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121520	2.28866	59.92	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121520	2.22615	59.26	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121540	0.27337	55.39	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121540	0.27921	56.05	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121540	0.28264	56.25	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121540	0.28546	56.34	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121540	0.28794	56.37	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121540	0.28405	55.37	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121540	0.29283	56.42	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121540	0.29529	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121540	0.29758	56.43	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121540	0.30008	56.71	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121540	0.3026	56.62	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121540	0.30457	56.35	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121540	0.30807	56.66	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121540	0.31112	56.85	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121540	0.3144	56.84	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121540	0.31794	56.58	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121540	0.32188	56.81	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121540	0.32493	57	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121540	0.32664	57.14	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121540	0.33303	56.64	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121540	0.33735	56.86	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121540	0.33667	57.44	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121540	0.33902	57.82	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121540	0.35032	57.45	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121540	0.36137	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121540	0.36991	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121540	0.3829	57.36	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121540	0.39763	57.36	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121540	0.41446	57.45	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121540	0.4354	57.54	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121540	0.46387	57.46	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121540	0.49681	57.58	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121540	0.53585	57.88	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121540	0.58851	57.92	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121540	0.65162	58.05	313.5	1.5	ANNUAL	SRCGP7	5

606332.2	4121540	0.73045	58.01	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4121540	0.82262	58.04	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121540	1.75679	58.32	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121540	1.97919	58.3	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121540	2.20871	58.26	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121540	2.43613	58.2	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121540	2.65656	58.04	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121540	2.85059	58.01	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121540	3.01087	58.12	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121540	3.14086	58.24	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121540	3.23851	58.39	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121540	3.31195	58.48	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121540	3.35766	58.61	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121540	3.38396	58.69	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121540	3.39158	58.75	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121540	3.37949	58.85	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121540	3.35566	58.89	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121540	3.31963	58.91	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121540	3.26814	59.01	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121540	3.05835	59.44	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121540	2.98833	59.28	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121540	2.91049	59.2	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121540	2.82375	59.28	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121540	2.45464	60.12	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121540	2.37126	60.04	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121540	2.29073	59.88	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121540	2.2201	59.32	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121560	0.28267	55.31	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121560	0.28594	55.47	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121560	0.29052	55.85	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121560	0.29355	55.96	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121560	0.29646	56.05	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121560	0.29393	55.3	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121560	0.30215	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121560	0.30489	56.27	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121560	0.30673	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121560	0.31089	56.51	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121560	0.31336	56.46	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121560	0.31287	56.05	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121560	0.31864	56.53	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121560	0.32151	56.71	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121560	0.32455	56.66	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121560	0.32465	56.08	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121560	0.33103	56.53	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121560	0.33362	56.94	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121560	0.33418	57.09	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121560	0.33908	56.53	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121560	0.34296	56.8	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121560	0.34344	57.31	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121560	0.34401	57.84	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121560	0.35609	57.36	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121560	0.36671	57.19	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121560	0.37409	57.47	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121560	0.38672	57.45	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121560	0.40078	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121560	0.41996	57.44	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121560	0.44122	57.55	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121560	0.46939	57.56	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121560	0.50704	57.43	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121560	0.55101	57.55	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121560	0.60593	57.71	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121560	0.6741	57.88	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121560	0.763	57.72	313.5	1.5	ANNUAL	SRCGP7	5

606412.2	4121560	1.29127	57.97	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121560	2.17729	58.25	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121560	2.4171	58.57	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121560	2.66149	58.57	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121560	2.88834	58.54	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121560	3.089	58.5	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121560	3.25936	58.44	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121560	3.39653	58.38	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121560	3.4976	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121560	3.56645	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121560	3.6046	58.41	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121560	3.61835	58.45	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121560	3.6108	58.49	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121560	3.58231	58.57	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121560	3.53926	58.63	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121560	3.48327	58.68	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121560	3.05539	59.31	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121560	2.95929	59.35	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121560	2.8594	59.45	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121560	2.45646	60.12	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121560	2.37695	59.57	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121560	2.29056	59.38	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121560	2.2038	59.31	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121580	0.29623	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121580	0.29887	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121580	0.29964	55.58	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121580	0.30204	55.57	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121580	0.30399	55.5	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121580	0.30599	55.45	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121580	0.30889	55.54	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121580	0.31173	55.62	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121580	0.31443	55.68	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121580	0.31762	55.8	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121580	0.32072	55.9	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121580	0.3232	55.91	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121580	0.32551	55.89	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121580	0.32747	55.82	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121580	0.33053	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121580	0.33305	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121580	0.33626	56.04	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121580	0.33878	56.16	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121580	0.34188	56.29	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121580	0.34439	56.29	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121580	0.34932	56.77	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121580	0.34982	57.28	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121580	0.35122	57.7	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121580	0.36304	57.23	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121580	0.37284	57.13	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121580	0.38065	57.37	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121580	0.39254	57.44	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121580	0.40746	57.47	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121580	0.42887	57.23	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121580	0.44869	57.51	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121580	0.47764	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121580	0.51652	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121580	0.56262	57.57	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121580	0.62192	57.71	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121580	0.69608	57.89	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121580	0.79363	57.73	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121580	1.20444	57.88	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121580	2.68832	58.27	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121580	2.94128	58.53	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121580	3.17208	58.67	313.5	1.5	ANNUAL	SRCGP7	5

606572.2	4121580	3.37116	58.74	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121580	3.53504	58.75	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121580	3.66072	58.75	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121580	3.74551	58.81	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121580	3.79623	58.86	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121580	3.81567	58.93	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121580	3.80572	59.06	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121580	3.78999	58.93	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121580	3.74255	59	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121580	3.68024	59.05	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121580	3.6061	59.07	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121580	3.30988	59.51	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121580	3.20386	59.57	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121580	3.09707	59.57	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121580	2.98647	59.63	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121580	2.87785	59.62	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121580	2.44295	60.13	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121580	2.35162	59.82	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121580	2.25947	59.67	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121580	2.17341	59.39	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121600	0.30898	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121600	0.31243	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121600	0.31458	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121600	0.31722	56.1	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121600	0.32057	56.19	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121600	0.32374	56.26	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121600	0.32688	56.33	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121600	0.32991	56.39	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121600	0.33276	56.43	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121600	0.33534	56.51	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121600	0.33782	56.53	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121600	0.34031	56.53	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121600	0.34281	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121600	0.34529	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121600	0.34759	56.58	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121600	0.34887	56.55	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121600	0.3495	56.57	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121600	0.35036	56.64	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121600	0.35172	56.73	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121600	0.35379	56.86	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121600	0.35601	57	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121600	0.35762	57.21	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121600	0.3588	57.62	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121600	0.37042	57.16	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121600	0.3801	57.07	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121600	0.38799	57.31	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121600	0.40056	57.34	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121600	0.41657	57.31	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121600	0.4354	57.34	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121600	0.46024	57.26	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121600	0.48861	57.41	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121600	0.52664	57.49	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121600	0.57487	57.68	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121600	0.63928	57.77	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121600	0.7233	57.76	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4121600	0.82903	57.72	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121600	3.7109	58.54	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121600	3.86197	58.66	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121600	3.96335	58.87	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121600	4.03088	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121600	4.06074	59.03	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121600	4.05559	59.14	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121600	4.02782	59.18	313.5	1.5	ANNUAL	SRCGP7	5

606712.2	4121600	3.97698	59.22	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121600	3.90334	59.32	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121600	3.81473	59.41	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121600	3.71724	59.43	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121600	3.12521	59.63	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121600	3.00391	59.59	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121600	2.88607	59.48	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121600	2.76807	59.44	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121600	2.41307	60.16	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121600	2.3118	60.07	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121600	2.21449	59.99	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121600	2.13223	59.41	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121620	0.30652	53.92	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121620	0.30924	53.91	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121620	0.31392	54.22	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121620	0.31777	54.4	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121620	0.32155	54.57	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121620	0.32588	54.82	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121620	0.33001	55.04	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121620	0.33323	55.14	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121620	0.3369	55.3	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121620	0.34016	55.41	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121620	0.34324	55.5	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121620	0.34667	55.63	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121620	0.35037	55.79	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121620	0.35413	55.97	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121620	0.35629	56.08	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121620	0.357	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121620	0.35789	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121620	0.35926	56.34	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121620	0.36118	56.56	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121620	0.36273	56.66	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121620	0.36527	56.77	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121620	0.36857	56.98	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121620	0.37041	57.27	313.5	1.5	ANNUAL	SRCGP7	5
606092.2	4121620	0.37955	57.06	313.5	1.5	ANNUAL	SRCGP7	5
606112.2	4121620	0.38911	56.99	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121620	0.39963	57.02	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121620	0.41277	57.04	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121620	0.42963	57	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121620	0.44858	57.08	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121620	0.47312	57.1	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121620	0.49911	57.52	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121620	0.53885	57.59	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121620	0.59336	57.52	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121620	0.66339	57.57	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121620	0.75544	57.57	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121620	1.38737	58.45	313.5	1.5	ANNUAL	SRCGP7	5
606412.2	4121620	1.63608	58.63	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121620	1.93533	58.54	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121620	3.00899	58.13	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121620	3.35287	58.08	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121620	3.13141	59.61	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121620	2.99626	59.59	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121620	2.86712	59.49	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121620	2.73982	59.46	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121620	2.37635	59.81	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121620	2.26928	59.81	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121620	2.17075	59.67	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121620	2.08034	59.39	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121640	0.32798	55.44	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121640	0.33128	55.43	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121640	0.33434	55.4	313.5	1.5	ANNUAL	SRCGP7	5

605692.2	4121640	0.3373	55.37	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121640	0.3403	55.36	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121640	0.3431	55.34	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121640	0.34612	55.36	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121640	0.34861	55.33	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121640	0.35037	55.23	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121640	0.35224	55.16	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121640	0.35319	55	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121640	0.35486	54.94	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121640	0.35568	54.81	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121640	0.35621	54.74	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121640	0.35561	54.71	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121640	0.35441	54.67	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121640	0.34938	54.17	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121640	0.34682	53.9	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121640	0.35138	54.41	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121640	0.35404	54.59	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121640	0.35625	54.6	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121640	0.35926	54.56	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121640	0.36318	54.45	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121640	0.45703	57.43	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121640	0.47926	57.75	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121640	0.50651	58.28	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121640	0.54839	58.28	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121640	0.60878	57.87	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121640	0.68664	57.71	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121640	0.78401	57.94	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121640	3.38176	58.39	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121640	3.74283	58.5	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121640	4.05735	58.45	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121640	4.30145	58.52	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121640	4.48746	58.48	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121640	4.60829	58.5	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121640	4.67964	58.43	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121640	4.69362	58.48	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121640	2.82254	59.56	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121640	2.68638	59.6	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121640	2.31259	59.93	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121640	2.20269	59.99	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121640	2.10869	59.63	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121640	2.01968	59.29	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121660	0.3433	55.82	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121660	0.34756	55.88	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121660	0.35208	55.98	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121660	0.35624	56.04	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121660	0.36016	56.08	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121660	0.36434	56.16	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121660	0.369	56.3	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121660	0.37239	56.31	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121660	0.37652	56.41	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121660	0.37986	56.49	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121660	0.38274	56.53	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121660	0.38541	56.62	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121660	0.38753	56.48	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121660	0.3879	56.48	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121660	0.38691	56.43	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121660	0.386	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121660	0.38508	56.62	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121660	0.38444	56.69	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121660	0.38439	56.7	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121660	0.38529	56.82	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121660	0.3873	56.93	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121660	0.38995	57	313.5	1.5	ANNUAL	SRCGP7	5

606072.2	4121660	0.39369	57.11	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121660	0.41754	57.5	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121660	0.43189	57.54	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121660	0.45118	57.43	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121660	0.47226	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121660	0.49689	57.77	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121660	0.52679	58.2	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121660	0.56977	58.32	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121660	0.62925	58.3	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121660	0.71166	58.19	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121660	0.82144	58.25	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121660	1.39534	57.91	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121660	2.94917	57.82	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121660	3.85246	58.24	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121660	4.23409	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121660	4.53646	58.56	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121660	4.76297	58.67	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121660	4.91345	58.76	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121660	4.99629	58.81	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121660	5.02215	58.79	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121660	4.99202	58.82	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121660	4.91137	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121660	4.79914	59.01	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121660	4.6547	59.12	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121660	4.49286	59.16	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121660	4.31329	59.27	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121660	4.1323	59.27	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121660	3.95945	59.04	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121660	2.23615	59.98	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121660	2.1276	60	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121660	2.03543	59.61	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121660	1.94802	59.27	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121680	0.39938	56.38	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121680	0.40285	56.63	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121680	0.40433	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121680	0.40011	56.13	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121680	0.39798	56.06	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121680	0.3974	56.13	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121680	0.39778	56.27	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121680	0.39826	56.39	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121680	0.39858	56.44	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121680	0.3992	56.56	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121680	0.40107	56.65	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121680	0.40452	56.75	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121680	0.40987	56.9	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121680	0.558	57.61	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121680	0.60296	57.79	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121680	0.66932	57.57	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121680	0.76048	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121680	1.53469	58	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121680	1.88833	57.92	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121680	2.82665	58.24	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121680	5.40666	58.51	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121680	5.43833	58.53	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121680	5.3991	58.6	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121680	5.30297	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121680	5.16477	58.79	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121680	4.99248	58.91	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121680	4.79914	58.99	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121680	4.58483	59.15	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121680	4.36748	59.22	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121680	4.15232	59.22	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121680	3.95437	58.93	313.5	1.5	ANNUAL	SRCGP7	5

606992.2	4121680	2.14821	59.99	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121680	2.04166	60.02	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121680	1.95157	59.66	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121680	1.86697	59.33	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121700	0.3724	56.02	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121700	0.37825	56.16	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121700	0.38263	56.13	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121700	0.38754	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121700	0.39209	56.18	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121700	0.39802	56.34	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121700	0.40157	56.27	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121700	0.40651	56.35	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121700	0.40999	56.31	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121700	0.4169	56.3	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121700	0.42138	56.64	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121700	0.42204	56.58	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121700	0.41673	56.1	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121700	0.41375	55.98	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121700	0.41387	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121700	0.41263	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121700	0.41257	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121700	0.41285	56.3	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121700	0.41377	56.33	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121700	0.41702	56.43	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121700	0.42078	56.47	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121700	0.42649	56.55	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121700	0.47702	57.05	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121700	0.4995	57.03	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121700	0.52324	57.26	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121700	0.55258	57.51	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121700	0.59068	57.64	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121700	0.6394	57.79	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121700	0.70906	57.66	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121700	0.80832	57.48	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121700	1.7118	58.1	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121700	2.14138	58.07	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121700	3.29599	58.3	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121700	4.56369	58.11	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121700	5.07347	58.18	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121700	5.46686	58.17	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121700	5.74968	57.97	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121700	4.88546	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121700	4.63022	58.8	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121700	4.37812	58.83	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121700	4.12716	58.92	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121700	3.8957	58.82	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121700	2.04869	60.06	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121700	1.94477	60.15	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121700	1.85751	59.85	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121700	1.78108	59.36	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121720	0.3878	56.06	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121720	0.39338	56.11	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121720	0.3993	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121720	0.406	56.37	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121720	0.41152	56.42	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121720	0.41666	56.44	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121720	0.42146	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121720	0.42609	56.56	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121720	0.42909	56.32	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121720	0.43544	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121720	0.44083	56.58	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121720	0.44088	56.54	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121720	0.4353	56.11	313.5	1.5	ANNUAL	SRCGP7	5

605912.2	4121720	0.43567	56.25	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121720	0.43661	56.64	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121720	0.43493	56.7	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121720	0.43369	56.8	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121720	0.43319	56.89	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121720	0.43376	56.89	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121720	0.43589	56.93	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121720	0.43785	57.1	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121720	0.44388	57.13	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121720	0.48485	56.84	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121720	0.50511	56.98	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121720	0.53073	56.97	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121720	0.55825	57.19	313.5	1.5	ANNUAL	SRCGP7	5
606212.2	4121720	0.5917	57.44	313.5	1.5	ANNUAL	SRCGP7	5
606232.2	4121720	0.63354	57.64	313.5	1.5	ANNUAL	SRCGP7	5
606252.2	4121720	0.68754	57.74	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4121720	0.76096	57.76	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121720	0.87027	57.52	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121720	1.94309	58.17	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121720	2.48277	57.99	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121720	3.91042	58.42	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121720	5.33806	58.2	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121720	5.84412	58.35	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121720	6.18417	58.5	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121720	6.40537	58.11	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121720	6.44442	58.3	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121720	6.3599	58.63	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121720	6.21611	58.56	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121720	6.0262	58.23	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121720	5.76569	58.28	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121720	5.47301	58.44	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121720	5.17538	58.51	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121720	4.88519	58.43	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121720	4.59053	58.53	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121720	4.30454	58.65	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121720	4.03329	58.72	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121720	3.78268	58.69	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121720	1.94198	60.13	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121720	1.84836	60.03	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121720	1.76852	59.65	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121720	1.69031	59.45	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121740	0.40176	55.82	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121740	0.40711	55.8	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121740	0.41473	56.02	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121740	0.42298	56.29	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121740	0.42935	56.37	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121740	0.43266	56.18	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121740	0.43857	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121740	0.44607	56.48	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121740	0.44897	56.28	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121740	0.45611	56.19	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121740	0.46142	56.57	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121740	0.46117	56.47	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121740	0.45476	56.07	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121740	0.45467	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121740	0.45696	56.62	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121740	0.45533	56.72	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121740	0.45398	56.96	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121740	0.45358	56.96	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121740	0.45463	56.9	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121740	0.45659	56.98	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121740	0.4611	56.99	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121740	0.4672	57.09	313.5	1.5	ANNUAL	SRCGP7	5

606392.2	4121740	2.94883	57.93	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121740	4.72613	58.53	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121740	6.27432	58.31	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121740	6.72965	58.55	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121740	6.98094	58.58	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121740	7.07684	58.15	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121740	6.97298	58.38	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121740	6.74357	58.81	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121740	6.46552	58.81	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121740	6.16926	58.35	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121740	5.80869	58.52	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121740	5.43298	58.87	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121740	5.06787	59.18	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121740	4.75793	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121740	4.43137	58.88	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121740	4.11383	59.26	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121740	3.82898	59.4	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121740	3.60184	58.84	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121740	3.35346	59.09	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121740	3.12229	59.44	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121740	2.92331	59.51	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121740	2.73695	59.7	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121740	2.57482	59.67	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121740	2.4224	59.76	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121740	2.28389	59.82	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121740	2.15758	59.86	313.5	1.5	ANNUAL	SRCGP7	5
606952.2	4121740	2.04223	59.88	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121740	1.84495	59.68	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121740	1.75555	59.66	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121740	1.6709	59.72	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121740	1.59512	59.67	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121760	0.41847	55.76	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121760	0.43043	55.75	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121760	0.44131	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121760	0.44759	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121760	0.45753	56.08	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121760	0.46772	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121760	0.47049	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121760	0.47871	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121760	0.4836	56.59	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121760	0.48159	56.33	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121760	0.47405	55.9	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121760	0.47295	55.93	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121760	0.4756	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121760	0.47537	56.29	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121760	0.47691	56.74	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121760	0.47681	56.81	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121760	0.478	56.76	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121760	0.48109	56.78	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121760	0.4866	56.78	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121760	0.49535	56.83	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121760	2.68837	57.94	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121760	5.80754	58.53	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121760	7.37153	58.37	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121760	7.69647	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121760	7.77772	58.59	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121760	7.67575	58.16	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121760	7.38207	58.4	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121760	6.98321	58.87	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121760	6.56228	58.9	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121760	6.15197	58.46	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121760	5.71129	58.61	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121760	5.27852	58.96	313.5	1.5	ANNUAL	SRCGP7	5

606672.2	4121760	4.87681	59.24	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121760	4.53858	58.84	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121760	4.20151	59	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121760	3.88026	59.4	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121760	3.60235	59.45	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121760	3.38115	58.89	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121760	3.13642	59.24	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121760	2.91662	59.57	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121760	2.73286	59.54	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121760	2.56307	59.59	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121760	2.41185	59.56	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121760	2.27349	59.55	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121760	2.15037	59.45	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121760	2.03518	59.43	313.5	1.5	ANNUAL	SRCGP7	5
606952.2	4121760	1.92839	59.45	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121760	1.73054	59.84	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121760	1.64008	60.17	313.5	1.5	ANNUAL	SRCGP7	5
607032.2	4121760	1.5633	60.22	313.5	1.5	ANNUAL	SRCGP7	5
607052.2	4121760	1.49644	60.08	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121780	0.43697	55.73	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121780	0.45132	55.83	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121780	0.46249	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121780	0.46909	56.22	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121780	0.48023	56.07	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121780	0.49121	56.42	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121780	0.49368	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121780	0.50359	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121780	0.50794	56.44	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121780	0.50494	56.27	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121780	0.49642	55.8	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121780	0.49604	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121780	0.49827	56.1	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121780	0.49796	56.16	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121780	0.50233	56.96	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121780	0.51478	56.75	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121780	0.52526	56.91	313.5	1.5	ANNUAL	SRCGP7	5
606132.2	4121780	0.58164	57.48	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121780	0.61796	57.4	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121780	0.66381	57.29	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121780	0.71566	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121780	1.1734	58.1	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121780	1.40883	58.02	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121780	3.28912	58.13	313.5	1.5	ANNUAL	SRCGP7	5
606392.2	4121780	4.5411	58.08	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121780	7.20676	58.64	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121780	8.55731	58.48	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121780	8.63522	58.72	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121780	8.43542	58.64	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121780	8.063	58.28	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121780	7.5515	58.51	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121780	6.98603	58.93	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121780	6.44333	58.88	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121780	5.94191	58.52	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121780	5.44683	58.69	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121780	4.98583	59.02	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121780	4.57266	59.28	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121780	4.23561	58.84	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121780	3.9022	59.07	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121780	3.59734	59.4	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121780	3.33121	59.52	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121780	3.12722	58.94	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121780	2.91608	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121780	2.72384	59.01	313.5	1.5	ANNUAL	SRCGP7	5

606832.2	4121780	2.55113	59.06	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121780	2.39432	59.13	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121780	2.24962	59.27	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121780	2.11871	59.4	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121780	1.99692	59.61	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121780	1.88627	59.81	313.5	1.5	ANNUAL	SRCGP7	5
606952.2	4121780	1.78546	60	313.5	1.5	ANNUAL	SRCGP7	5
606992.2	4121780	1.61505	60.11	313.5	1.5	ANNUAL	SRCGP7	5
607012.2	4121780	1.54104	60.11	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121800	0.45597	55.57	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121800	0.47177	55.68	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121800	0.48362	56.06	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121800	0.48937	55.93	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121800	0.50493	56.02	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121800	0.51518	56.25	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121800	0.51879	56.05	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121800	0.52938	56.14	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121800	0.53536	56.47	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121800	0.53269	56.29	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121800	0.52236	55.74	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121800	0.52851	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121800	0.53223	56.58	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121800	0.53123	56.73	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121800	0.52967	57.08	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121800	0.54665	56.84	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121800	0.55521	57.22	313.5	1.5	ANNUAL	SRCGP7	5
606152.2	4121800	0.66801	57.69	313.5	1.5	ANNUAL	SRCGP7	5
606172.2	4121800	0.72467	57.51	313.5	1.5	ANNUAL	SRCGP7	5
606192.2	4121800	0.79019	57.58	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4121800	1.32816	58.16	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4121800	1.5934	58.27	313.5	1.5	ANNUAL	SRCGP7	5
606372.2	4121800	4.15351	58.12	313.5	1.5	ANNUAL	SRCGP7	5
606432.2	4121800	8.90852	58.67	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121800	9.63993	58.48	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121800	9.31698	58.7	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121800	8.75283	58.72	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121800	8.07647	58.73	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121800	7.37059	58.84	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121800	6.68836	59	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121800	6.06876	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121800	5.50949	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121800	5.00941	59.03	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121800	4.56412	59.2	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121800	4.17462	59.33	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121800	3.83781	59.34	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121800	3.5385	59.41	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121800	3.2702	59.54	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121800	3.03471	59.57	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121800	2.85428	59	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121800	2.64774	59.39	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121800	2.47565	59.5	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121800	2.3203	59.63	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121800	2.18222	59.71	313.5	1.5	ANNUAL	SRCGP7	5
606872.2	4121800	2.05518	59.85	313.5	1.5	ANNUAL	SRCGP7	5
606892.2	4121800	1.94058	59.97	313.5	1.5	ANNUAL	SRCGP7	5
606912.2	4121800	1.83594	60.1	313.5	1.5	ANNUAL	SRCGP7	5
606932.2	4121800	1.74614	60.03	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121860	0.53059	55.39	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121860	0.53417	54.86	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121860	0.54983	55.28	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121860	0.56623	55.7	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121860	0.57651	55.67	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121860	0.58053	55.24	313.5	1.5	ANNUAL	SRCGP7	5

605752.2	4121860	0.59556	55.53	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121860	0.61142	55.85	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121860	0.62453	56.02	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121860	0.62443	55.58	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121860	0.63352	55.82	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121860	0.64294	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121860	0.64604	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121860	0.63649	55.73	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121860	0.64353	56.03	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121860	0.65174	56.36	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121860	0.65441	56.55	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121860	0.65591	56.72	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121860	0.65867	56.84	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121860	0.66198	57.02	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121860	0.6671	57.18	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121860	0.67827	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121860	0.69801	57.16	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121860	3.58085	58.8	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121860	3.26456	59.3	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121860	3.002	59.65	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121860	2.7912	59.6	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121860	2.60684	59.59	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121860	2.44111	59.68	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121860	2.30023	59.59	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121860	2.17113	59.56	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121860	2.06747	59.2	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121860	1.94887	59.44	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121860	1.84548	59.57	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121860	1.75233	59.67	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121860	1.66645	59.79	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121880	0.56465	55.56	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121880	0.56854	54.97	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121880	0.58789	55.5	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121880	0.60652	55.91	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121880	0.61762	55.81	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121880	0.62212	55.32	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121880	0.64161	55.72	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121880	0.66304	56.18	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121880	0.67488	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121880	0.67441	55.63	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121880	0.68636	55.9	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121880	0.70276	56.41	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121880	0.70753	56.49	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121880	0.69589	55.84	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121880	0.70464	56.09	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121880	0.71086	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121880	0.7196	56.53	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121880	0.72355	56.7	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121880	0.72897	56.92	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121880	0.73333	57.09	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121880	0.74025	57.3	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121880	0.75386	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121880	0.77425	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121880	7.14452	58.72	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121880	6.15331	58.93	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121880	5.35803	58.94	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121880	4.72819	58.94	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121880	4.2201	58.99	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121880	3.80852	58.98	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121880	3.48856	58.58	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121880	3.20762	58.55	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121880	2.9532	58.89	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121880	2.7279	59.44	313.5	1.5	ANNUAL	SRCGP7	5

606652.2	4121880	2.53908	59.84	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121880	2.39326	59.63	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121880	2.25669	59.68	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121880	2.13351	59.76	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121880	2.02537	59.73	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121880	1.92636	59.69	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121880	1.84687	59.33	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121880	1.75086	59.59	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121880	1.66593	59.76	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121880	1.58813	59.92	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121880	1.5175	60.04	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121900	0.60292	55.74	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121900	0.60572	54.98	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121900	0.62666	55.45	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121900	0.64818	55.88	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121900	0.6643	55.94	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121900	0.66888	55.35	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121900	0.69141	55.74	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121900	0.71818	56.28	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121900	0.732	56.2	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121900	0.73306	55.66	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121900	0.75034	56.01	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121900	0.76916	56.52	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121900	0.77656	56.6	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121900	0.7676	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121900	0.77355	55.86	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121900	0.7828	55.96	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121900	0.79411	56.1	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121900	0.81027	56.34	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121900	0.82421	56.46	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121900	0.83786	56.6	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121900	0.85595	56.73	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121900	0.87541	57.12	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121900	0.89741	57.56	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121900	4.60334	58.71	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121900	4.15498	58.9	313.5	1.5	ANNUAL	SRCGP7	5
606492.2	4121900	3.77192	58.94	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121900	3.4523	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121900	3.18192	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606552.2	4121900	2.95026	58.98	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121900	2.76422	58.66	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121900	2.59317	58.66	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121900	2.43264	58.96	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121900	2.28419	59.49	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121900	2.15768	59.84	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121900	2.06094	59.56	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121900	1.95932	59.8	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121900	1.87139	59.84	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121900	1.79199	59.8	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121900	1.71857	59.72	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121900	1.65113	59.58	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121900	1.58144	59.64	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121900	1.51668	59.69	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121900	1.45646	59.73	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121900	1.39951	59.79	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121920	0.64328	55.77	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121920	0.64867	55.08	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121920	0.67214	55.52	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121920	0.69709	55.96	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121920	0.71645	56.03	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121920	0.72253	55.4	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121920	0.75014	55.84	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121920	0.77874	56.25	313.5	1.5	ANNUAL	SRCGP7	5

605792.2	4121920	0.7964	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121920	0.80244	55.71	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121920	0.82611	56.11	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121920	0.84796	56.61	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121920	0.86038	56.54	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121920	0.85567	55.89	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121920	0.87907	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121920	0.89952	56.6	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121920	0.91488	56.78	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121920	0.93263	56.94	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121920	0.95093	57.03	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121920	0.97124	57.22	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121920	0.99953	57.35	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121920	1.03533	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121920	1.08364	57.65	313.5	1.5	ANNUAL	SRCGP7	5
606452.2	4121920	2.97981	58.81	313.5	1.5	ANNUAL	SRCGP7	5
606472.2	4121920	2.83518	58.89	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121920	2.43058	58.98	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121920	2.20917	59.02	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121920	2.1151	58.95	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121920	2.02452	59.06	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121920	1.93133	59.57	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121920	1.84904	59.92	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121920	1.78418	59.72	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121920	1.70814	60.21	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121920	1.6426	60.37	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121920	1.58341	60.34	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121920	1.52542	60.33	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121920	1.47236	60.24	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121920	1.42002	60.23	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121920	1.36943	60.26	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121920	1.32078	60.32	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121920	1.27896	60.2	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121940	0.68842	55.83	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121940	0.70572	55.73	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121940	0.72794	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121940	0.75243	56.07	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121940	0.77615	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121940	0.79654	56.07	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121940	0.82177	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121940	0.85031	56.32	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121940	0.87169	56.19	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121940	0.88108	55.69	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121940	0.91561	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121940	0.94109	56.6	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121940	0.96055	56.63	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121940	0.96222	55.91	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121940	1.00132	56.41	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121940	1.02648	56.79	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121940	1.05117	57.02	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121940	1.07965	57.1	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121940	1.1146	57.15	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121940	1.15136	57.41	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121940	1.20225	57.53	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121940	1.26873	57.57	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121940	1.35334	57.6	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121940	1.92022	59.13	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121940	1.81129	59.3	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121940	1.76486	59.07	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121940	1.71384	59.18	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121940	1.65704	59.68	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121940	1.60672	59.92	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121940	1.56577	59.72	313.5	1.5	ANNUAL	SRCGP7	5

606692.2	4121940	1.51164	60.26	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121940	1.46278	60.53	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121940	1.42105	60.42	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121940	1.37647	60.44	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121940	1.3315	60.53	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121940	1.28889	60.59	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121940	1.24486	60.79	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121940	1.20631	60.82	313.5	1.5	ANNUAL	SRCGP7	5
606852.2	4121940	1.17792	60.44	313.5	1.5	ANNUAL	SRCGP7	5
605632.2	4121960	0.73729	55.85	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121960	0.7602	55.89	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121960	0.7858	56.01	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121960	0.81091	56.04	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121960	0.83841	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121960	0.86814	56.23	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121960	0.89722	56.25	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121960	0.93049	56.37	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121960	0.95441	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121960	0.97509	55.81	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121960	1.02193	56.44	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121960	1.04916	56.7	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121960	1.07765	56.59	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121960	1.08996	55.98	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121960	1.14139	56.44	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121960	1.17871	56.62	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4121960	1.22132	56.88	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121960	1.27023	56.82	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121960	1.32846	56.93	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121960	1.39411	57.06	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121960	1.4723	57.27	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121960	1.57778	57.27	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121960	1.70811	57.32	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121960	1.52717	59.37	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121960	1.50804	59.04	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121960	1.47874	59.3	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121960	1.44534	59.78	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121960	1.41705	59.85	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121960	1.39205	59.68	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121960	1.35306	60.27	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121960	1.31855	60.5	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121960	1.29731	59.99	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121960	1.25921	60.21	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121960	1.22407	60.29	313.5	1.5	ANNUAL	SRCGP7	5
606792.2	4121960	1.19114	60.3	313.5	1.5	ANNUAL	SRCGP7	5
606812.2	4121960	1.14551	60.95	313.5	1.5	ANNUAL	SRCGP7	5
606832.2	4121960	1.11252	61.06	313.49	1.5	ANNUAL	SRCGP7	5
606852.2	4121960	1.09068	60.64	313.49	1.5	ANNUAL	SRCGP7	5
605632.2	4121980	0.78477	55.56	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4121980	0.81073	55.59	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4121980	0.83769	55.6	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4121980	0.86635	55.62	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4121980	0.89947	55.76	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4121980	0.93503	55.91	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4121980	0.97214	56.03	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4121980	1.01104	56.13	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4121980	1.04564	56.02	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4121980	1.08361	56.01	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4121980	1.13482	56.54	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4121980	1.17189	56.74	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4121980	1.2092	56.39	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4121980	1.23913	56.1	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4121980	1.29451	56.29	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4121980	1.34968	56.33	313.5	1.5	ANNUAL	SRCGP7	5

605952.2	4121980	1.40768	56.28	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4121980	1.47973	56.31	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4121980	1.57096	56.46	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4121980	1.67083	56.53	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4121980	1.79169	56.51	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4121980	1.93889	56.55	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4121980	2.11919	56.68	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4121980	1.33705	59.33	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4121980	1.33345	59.19	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4121980	1.31975	59.39	313.5	1.5	ANNUAL	SRCGP7	5
606592.2	4121980	1.31389	59.17	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4121980	1.30041	59.39	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4121980	1.28244	59.8	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4121980	1.26761	59.8	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4121980	1.25372	59.63	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4121980	1.22557	60.23	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4121980	1.20322	60.31	313.5	1.5	ANNUAL	SRCGP7	5
606732.2	4121980	1.18796	59.92	313.5	1.5	ANNUAL	SRCGP7	5
606752.2	4121980	1.14748	60.62	313.5	1.5	ANNUAL	SRCGP7	5
606772.2	4121980	1.11878	60.75	313.49	1.5	ANNUAL	SRCGP7	5
606792.2	4121980	1.09954	60.42	313.49	1.5	ANNUAL	SRCGP7	5
606812.2	4121980	1.06183	61.02	312.87	1.5	ANNUAL	SRCGP7	5
606832.2	4121980	1.03248	61.24	61.24	1.5	ANNUAL	SRCGP7	5
606852.2	4121980	1.01423	60.87	60.87	1.5	ANNUAL	SRCGP7	5
605632.2	4122000	0.83122	55.03	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4122000	0.8615	55.11	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4122000	0.89322	55.17	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4122000	0.92811	55.28	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4122000	0.96413	55.34	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4122000	1.00075	55.33	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4122000	1.04286	55.43	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4122000	1.08606	55.47	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4122000	1.13534	55.61	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4122000	1.19649	56.01	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4122000	1.25979	56.55	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4122000	1.30819	56.76	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4122000	1.3532	56.29	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4122000	1.40881	56.27	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4122000	1.48111	56.8	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4122000	1.55321	56.92	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4122000	1.63479	56.5	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4122000	1.72947	56.47	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4122000	1.83949	56.97	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4122000	1.96367	57.12	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4122000	2.12414	56.72	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4122000	2.30687	56.73	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4122000	2.5107	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4122000	2.7073	58.13	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4122000	2.41221	58.23	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4122000	2.03672	58.26	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4122000	1.75546	58.24	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4122000	1.15665	59.49	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4122000	1.16039	59.37	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4122000	1.16427	59.48	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4122000	1.15509	59.92	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4122000	1.14805	59.92	313.5	1.5	ANNUAL	SRCGP7	5
606672.2	4122000	1.14083	59.77	313.5	1.5	ANNUAL	SRCGP7	5
606692.2	4122000	1.1221	60.24	313.5	1.5	ANNUAL	SRCGP7	5
606712.2	4122000	1.10707	60.26	313.49	1.5	ANNUAL	SRCGP7	5
606732.2	4122000	1.09815	59.84	313.49	1.5	ANNUAL	SRCGP7	5
606752.2	4122000	1.06468	60.49	313.48	1.5	ANNUAL	SRCGP7	5
606772.2	4122000	1.03706	60.84	60.84	1.5	ANNUAL	SRCGP7	5
606792.2	4122000	1.02277	60.49	60.49	1.5	ANNUAL	SRCGP7	5

606812.2	4122000	0.99009	61.1	61.1	1.5	ANNUAL	SRCGP7	5
606832.2	4122000	0.96671	61.23	61.23	1.5	ANNUAL	SRCGP7	5
606852.2	4122000	0.95192	60.87	60.87	1.5	ANNUAL	SRCGP7	5
605632.2	4122020	0.90211	55.56	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4122020	0.93878	55.7	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4122020	0.97422	55.68	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4122020	1.01733	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4122020	1.05994	55.92	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4122020	1.10275	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4122020	1.14985	55.86	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4122020	1.20169	55.89	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4122020	1.26305	56.08	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4122020	1.32855	56.26	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4122020	1.39534	56.52	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4122020	1.45622	56.81	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4122020	1.52183	56.61	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4122020	1.59412	56.61	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4122020	1.67488	56.85	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4122020	1.76529	56.95	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4122020	1.86829	56.8	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4122020	1.9856	56.79	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4122020	2.11555	57.07	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4122020	2.26347	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4122020	2.45111	56.99	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4122020	2.65523	56.95	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4122020	2.86843	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4122020	2.60386	58.35	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4122020	2.48322	59.31	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4122020	2.21875	59.32	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4122020	1.87485	59.3	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4122020	1.59217	59.14	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4122020	1.02768	59.43	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4122020	1.03504	59.46	313.5	1.5	ANNUAL	SRCGP7	5
606612.2	4122020	1.05933	59.61	313.5	1.5	ANNUAL	SRCGP7	5
606632.2	4122020	1.05676	59.97	313.5	1.5	ANNUAL	SRCGP7	5
606652.2	4122020	1.05495	59.95	313.49	1.5	ANNUAL	SRCGP7	5
606672.2	4122020	1.05167	59.85	313.49	1.5	ANNUAL	SRCGP7	5
606692.2	4122020	1.03879	60.25	313.48	1.5	ANNUAL	SRCGP7	5
606712.2	4122020	1.02835	60.24	60.24	1.5	ANNUAL	SRCGP7	5
606732.2	4122020	1.02428	59.77	59.77	1.5	ANNUAL	SRCGP7	5
606752.2	4122020	0.99499	60.42	60.42	1.5	ANNUAL	SRCGP7	5
606772.2	4122020	0.96993	60.85	60.85	1.5	ANNUAL	SRCGP7	5
606792.2	4122020	0.95939	60.48	60.48	1.5	ANNUAL	SRCGP7	5
606812.2	4122020	0.93089	61.07	61.07	1.5	ANNUAL	SRCGP7	5
606832.2	4122020	0.91345	61.04	61.04	1.5	ANNUAL	SRCGP7	5
606852.2	4122020	0.9024	60.63	60.63	1.5	ANNUAL	SRCGP7	5
605632.2	4122040	0.9718	55.8	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4122040	1.01127	55.84	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4122040	1.05452	55.92	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4122040	1.101	56	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4122040	1.15136	56.09	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4122040	1.20286	56.09	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4122040	1.26047	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4122040	1.3228	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4122040	1.39118	56.3	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4122040	1.4669	56.49	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4122040	1.53924	56.6	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4122040	1.61312	56.73	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4122040	1.69275	56.74	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4122040	1.78022	56.83	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4122040	1.87684	56.95	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4122040	1.98039	57.07	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4122040	2.10196	57.05	313.5	1.5	ANNUAL	SRCGP7	5

605972.2	4122040	2.23407	57.14	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4122040	2.38221	57.23	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4122040	2.54991	57.25	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4122040	2.73518	57.24	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4122040	2.93236	57.27	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4122040	3.13295	57.36	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4122040	2.33562	58.46	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4122040	2.21003	59.32	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4122040	1.97856	59.36	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4122040	1.6895	59.37	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4122040	1.43848	59.25	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4122040	0.93344	59.41	313.5	1.5	ANNUAL	SRCGP7	5
606532.2	4122040	0.94224	59.52	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4122040	0.96268	59.64	313.49	1.5	ANNUAL	SRCGP7	5
606592.2	4122040	0.97364	59.39	313.49	1.5	ANNUAL	SRCGP7	5
606612.2	4122040	0.97815	59.7	313.48	1.5	ANNUAL	SRCGP7	5
606632.2	4122040	0.98021	59.94	313.48	1.5	ANNUAL	SRCGP7	5
606652.2	4122040	0.98234	59.87	312.87	1.5	ANNUAL	SRCGP7	5
606672.2	4122040	0.98169	59.82	59.82	1.5	ANNUAL	SRCGP7	5
606692.2	4122040	0.97154	60.25	60.25	1.5	ANNUAL	SRCGP7	5
606712.2	4122040	0.96393	60.23	60.23	1.5	ANNUAL	SRCGP7	5
606732.2	4122040	0.9636	59.7	59.7	1.5	ANNUAL	SRCGP7	5
606752.2	4122040	0.93726	60.35	60.35	1.5	ANNUAL	SRCGP7	5
606772.2	4122040	0.91555	60.76	60.76	1.5	ANNUAL	SRCGP7	5
606792.2	4122040	0.90903	60.31	60.31	1.5	ANNUAL	SRCGP7	5
606812.2	4122040	0.88363	60.87	60.87	1.5	ANNUAL	SRCGP7	5
606832.2	4122040	0.86906	60.81	60.81	1.5	ANNUAL	SRCGP7	5
606852.2	4122040	0.85966	60.43	60.43	1.5	ANNUAL	SRCGP7	5
605632.2	4122060	1.03675	55.67	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4122060	1.08422	55.84	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4122060	1.13487	55.99	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4122060	1.18107	55.85	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4122060	1.23523	55.86	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4122060	1.29672	55.96	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4122060	1.36236	56.03	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4122060	1.43442	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4122060	1.51082	56.17	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4122060	1.59615	56.29	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4122060	1.68738	56.42	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4122060	1.77532	56.51	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4122060	1.8681	56.61	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4122060	1.96918	56.64	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4122060	2.08038	56.94	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4122060	2.19764	57.06	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4122060	2.33403	56.99	313.5	1.5	ANNUAL	SRCGP7	5
605972.2	4122060	2.46729	57.33	313.5	1.5	ANNUAL	SRCGP7	5
605992.2	4122060	2.62315	57.38	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4122060	2.79019	57.39	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4122060	2.9586	57.52	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4122060	3.1336	57.38	313.5	1.5	ANNUAL	SRCGP7	5
606072.2	4122060	3.28666	57.42	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4122060	2.10739	58.86	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4122060	1.97606	59.32	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4122060	1.77164	59.41	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4122060	1.52819	59.3	313.5	1.5	ANNUAL	SRCGP7	5
606352.2	4122060	1.3108	59.31	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4122060	0.89393	59.95	59.95	1.5	ANNUAL	SRCGP7	5
606592.2	4122060	0.90721	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606612.2	4122060	0.91411	59.76	59.76	1.5	ANNUAL	SRCGP7	5
606632.2	4122060	0.91945	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606652.2	4122060	0.92371	59.82	59.82	1.5	ANNUAL	SRCGP7	5
606672.2	4122060	0.92542	59.76	59.76	1.5	ANNUAL	SRCGP7	5
606692.2	4122060	0.9182	60.13	60.13	1.5	ANNUAL	SRCGP7	5

606712.2	4122060	0.91174	60.16	60.16	1.5	ANNUAL	SRCGP7	5
606732.2	4122060	0.9116	59.71	59.71	1.5	ANNUAL	SRCGP7	5
606752.2	4122060	0.88802	60.34	60.34	1.5	ANNUAL	SRCGP7	5
606772.2	4122060	0.87252	60.53	60.53	1.5	ANNUAL	SRCGP7	5
606792.2	4122060	0.86747	60.11	60.11	1.5	ANNUAL	SRCGP7	5
606812.2	4122060	0.8424	60.76	60.76	1.5	ANNUAL	SRCGP7	5
606832.2	4122060	0.82978	60.69	60.69	1.5	ANNUAL	SRCGP7	5
606852.2	4122060	0.82149	60.34	60.34	1.5	ANNUAL	SRCGP7	5
607052.2	4122060	0.67868	60.26	60.26	1.5	ANNUAL	SRCGP7	5
605632.2	4122080	1.09785	55.28	313.5	1.5	ANNUAL	SRCGP7	5
605652.2	4122080	1.15568	55.67	313.5	1.5	ANNUAL	SRCGP7	5
605672.2	4122080	1.21317	55.87	313.5	1.5	ANNUAL	SRCGP7	5
605692.2	4122080	1.25604	55.44	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4122080	1.32237	55.65	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4122080	1.391	55.76	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4122080	1.4586	55.69	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4122080	1.53826	55.78	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4122080	1.62751	55.93	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4122080	1.71656	55.93	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4122080	1.81133	55.94	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4122080	1.9189	56.12	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4122080	2.02914	56.24	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4122080	2.13772	56.21	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4122080	2.27208	56.4	313.5	1.5	ANNUAL	SRCGP7	5
605932.2	4122080	2.40544	56.54	313.5	1.5	ANNUAL	SRCGP7	5
605952.2	4122080	2.54451	56.52	313.5	1.5	ANNUAL	SRCGP7	5
606272.2	4122080	1.91576	58.81	313.5	1.5	ANNUAL	SRCGP7	5
606292.2	4122080	1.78454	59.28	313.5	1.5	ANNUAL	SRCGP7	5
606312.2	4122080	1.60264	59.33	313.5	1.5	ANNUAL	SRCGP7	5
606332.2	4122080	1.39654	59.3	313.49	1.5	ANNUAL	SRCGP7	5
606352.2	4122080	1.20903	59.48	313.49	1.5	ANNUAL	SRCGP7	5
606572.2	4122080	0.84097	59.94	59.94	1.5	ANNUAL	SRCGP7	5
606592.2	4122080	0.85511	59.46	59.46	1.5	ANNUAL	SRCGP7	5
606612.2	4122080	0.86579	59.42	59.42	1.5	ANNUAL	SRCGP7	5
606632.2	4122080	0.87251	59.57	59.57	1.5	ANNUAL	SRCGP7	5
606652.2	4122080	0.87755	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606672.2	4122080	0.88066	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606692.2	4122080	0.8782	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606712.2	4122080	0.87261	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606732.2	4122080	0.86471	59.86	59.86	1.5	ANNUAL	SRCGP7	5
606752.2	4122080	0.84635	60.33	60.33	1.5	ANNUAL	SRCGP7	5
606772.2	4122080	0.83488	60.39	60.39	1.5	ANNUAL	SRCGP7	5
606792.2	4122080	0.83213	59.93	59.93	1.5	ANNUAL	SRCGP7	5
606812.2	4122080	0.81052	60.46	60.46	1.5	ANNUAL	SRCGP7	5
606892.2	4122080	0.7595	60.42	60.42	1.5	ANNUAL	SRCGP7	5
606912.2	4122080	0.74502	60.49	60.49	1.5	ANNUAL	SRCGP7	5
606932.2	4122080	0.73529	60.24	60.24	1.5	ANNUAL	SRCGP7	5
605632.2	4122100	1.16859	55.21	313.49	1.5	ANNUAL	SRCGP7	5
605652.2	4122100	1.23102	55.57	313.49	1.5	ANNUAL	SRCGP7	5
605672.2	4122100	1.29379	55.76	313.49	1.5	ANNUAL	SRCGP7	5
605692.2	4122100	1.34069	55.3	313.5	1.5	ANNUAL	SRCGP7	5
605712.2	4122100	1.42677	55.89	313.5	1.5	ANNUAL	SRCGP7	5
605732.2	4122100	1.50908	56.15	313.5	1.5	ANNUAL	SRCGP7	5
605752.2	4122100	1.57294	55.79	313.5	1.5	ANNUAL	SRCGP7	5
605772.2	4122100	1.66149	55.89	313.5	1.5	ANNUAL	SRCGP7	5
605792.2	4122100	1.77304	56.3	313.5	1.5	ANNUAL	SRCGP7	5
605812.2	4122100	1.86847	56.22	313.5	1.5	ANNUAL	SRCGP7	5
605832.2	4122100	1.95477	55.9	313.5	1.5	ANNUAL	SRCGP7	5
605852.2	4122100	2.09685	56.57	313.5	1.5	ANNUAL	SRCGP7	5
605872.2	4122100	2.20312	57.11	313.5	1.5	ANNUAL	SRCGP7	5
605892.2	4122100	2.32858	56.55	313.5	1.5	ANNUAL	SRCGP7	5
605912.2	4122100	2.45445	56.81	313.5	1.5	ANNUAL	SRCGP7	5
606572.2	4122100	0.7988	59.9	59.9	1.5	ANNUAL	SRCGP7	5

606592.2	4122100	0.81183	59.6	59.6	1.5	ANNUAL	SRCGP7	5
606612.2	4122100	0.82096	59.76	59.76	1.5	ANNUAL	SRCGP7	5
606632.2	4122100	0.82851	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606652.2	4122100	0.8333	59.93	59.93	1.5	ANNUAL	SRCGP7	5
606672.2	4122100	0.83508	60.02	60.02	1.5	ANNUAL	SRCGP7	5
606692.2	4122100	0.83453	60.02	60.02	1.5	ANNUAL	SRCGP7	5
606712.2	4122100	0.83343	59.86	59.86	1.5	ANNUAL	SRCGP7	5
606852.2	4122100	0.76178	60.08	60.08	1.5	ANNUAL	SRCGP7	5
606872.2	4122100	0.74946	60.09	60.09	1.5	ANNUAL	SRCGP7	5
606892.2	4122100	0.73073	60.5	60.5	1.5	ANNUAL	SRCGP7	5
606912.2	4122100	0.71995	60.39	60.39	1.5	ANNUAL	SRCGP7	5
606932.2	4122100	0.71259	60.04	60.04	1.5	ANNUAL	SRCGP7	5
605632.2	4122120	1.23891	55.07	313.48	1.5	ANNUAL	SRCGP7	5
605652.2	4122120	1.30971	55.54	313.48	1.5	ANNUAL	SRCGP7	5
605672.2	4122120	1.37515	55.64	313.48	1.5	ANNUAL	SRCGP7	5
605692.2	4122120	1.42768	55.21	313.48	1.5	ANNUAL	SRCGP7	5
605712.2	4122120	1.52207	55.84	313.48	1.5	ANNUAL	SRCGP7	5
605732.2	4122120	1.61736	56.25	313.48	1.5	ANNUAL	SRCGP7	5
605752.2	4122120	1.6824	55.78	313.49	1.5	ANNUAL	SRCGP7	5
605772.2	4122120	1.78422	56.01	313.49	1.5	ANNUAL	SRCGP7	5
605792.2	4122120	1.90408	56.41	313.48	1.5	ANNUAL	SRCGP7	5
605812.2	4122120	1.99986	56.21	313.49	1.5	ANNUAL	SRCGP7	5
605832.2	4122120	2.10369	56.07	313.49	1.5	ANNUAL	SRCGP7	5
605852.2	4122120	2.24469	56.68	313.49	1.5	ANNUAL	SRCGP7	5
605872.2	4122120	2.35254	57.19	313.48	1.5	ANNUAL	SRCGP7	5
605992.2	4122120	3.07542	56.39	313.5	1.5	ANNUAL	SRCGP7	5
606012.2	4122120	3.16696	56.49	313.5	1.5	ANNUAL	SRCGP7	5
606032.2	4122120	3.2224	56.49	313.5	1.5	ANNUAL	SRCGP7	5
606052.2	4122120	3.23838	56.56	313.5	1.5	ANNUAL	SRCGP7	5
606512.2	4122120	0.73836	59.65	59.65	1.5	ANNUAL	SRCGP7	5
606532.2	4122120	0.74483	59.75	59.75	1.5	ANNUAL	SRCGP7	5
606552.2	4122120	0.75425	59.79	59.79	1.5	ANNUAL	SRCGP7	5
606572.2	4122120	0.7652	59.76	59.76	1.5	ANNUAL	SRCGP7	5
606592.2	4122120	0.77702	59.62	59.62	1.5	ANNUAL	SRCGP7	5
606772.2	4122120	0.7767	59.99	59.99	1.5	ANNUAL	SRCGP7	5
606792.2	4122120	0.76815	59.97	59.97	1.5	ANNUAL	SRCGP7	5
606812.2	4122120	0.76041	59.86	59.86	1.5	ANNUAL	SRCGP7	5
606852.2	4122120	0.73592	60.05	60.05	1.5	ANNUAL	SRCGP7	5
606872.2	4122120	0.72486	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606892.2	4122120	0.70997	60.26	60.26	1.5	ANNUAL	SRCGP7	5
606912.2	4122120	0.69983	60.16	60.16	1.5	ANNUAL	SRCGP7	5
605632.2	4122140	1.31395	55.08	312.88	1.5	ANNUAL	SRCGP7	5
605652.2	4122140	1.39013	55.55	312.88	1.5	ANNUAL	SRCGP7	5
605672.2	4122140	1.45266	55.41	313.48	1.5	ANNUAL	SRCGP7	5
605692.2	4122140	1.51761	55.22	313.48	1.5	ANNUAL	SRCGP7	5
605712.2	4122140	1.61581	55.78	313.48	1.5	ANNUAL	SRCGP7	5
605732.2	4122140	1.71809	56.21	312.88	1.5	ANNUAL	SRCGP7	5
605752.2	4122140	1.78554	55.7	313.48	1.5	ANNUAL	SRCGP7	5
605772.2	4122140	1.902	56.11	313.48	1.5	ANNUAL	SRCGP7	5
605792.2	4122140	2.02455	56.46	313.48	1.5	ANNUAL	SRCGP7	5
605812.2	4122140	2.11763	56.13	313.48	1.5	ANNUAL	SRCGP7	5
605832.2	4122140	2.2412	56.24	313.48	1.5	ANNUAL	SRCGP7	5
605852.2	4122140	2.37601	56.73	313.48	1.5	ANNUAL	SRCGP7	5
605932.2	4122140	2.82191	56.22	313.48	1.5	ANNUAL	SRCGP7	5
605952.2	4122140	2.91385	56.11	313.48	1.5	ANNUAL	SRCGP7	5
605972.2	4122140	3.03219	56.35	313.48	1.5	ANNUAL	SRCGP7	5
605992.2	4122140	3.1035	56.34	313.48	1.5	ANNUAL	SRCGP7	5
606012.2	4122140	3.14497	56.31	313.48	1.5	ANNUAL	SRCGP7	5
606032.2	4122140	3.15694	56.32	313.48	1.5	ANNUAL	SRCGP7	5
606052.2	4122140	3.12632	56.32	313.48	1.5	ANNUAL	SRCGP7	5
606072.2	4122140	3.06819	56.51	313.48	1.5	ANNUAL	SRCGP7	5
606132.2	4122140	2.54669	58.06	58.06	1.5	ANNUAL	SRCGP7	5
606152.2	4122140	2.34962	58.04	58.04	1.5	ANNUAL	SRCGP7	5

606172.2	4122140	2.15636	58.19	58.19	1.5	ANNUAL	SRCGP7	5
606652.2	4122140	0.7694	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606672.2	4122140	0.7705	59.96	59.96	1.5	ANNUAL	SRCGP7	5
606712.2	4122140	0.76563	60.03	60.03	1.5	ANNUAL	SRCGP7	5
606732.2	4122140	0.76096	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606752.2	4122140	0.75644	59.97	59.97	1.5	ANNUAL	SRCGP7	5
606772.2	4122140	0.74862	60.02	60.02	1.5	ANNUAL	SRCGP7	5
606792.2	4122140	0.74057	60.03	60.03	1.5	ANNUAL	SRCGP7	5
606812.2	4122140	0.73801	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606832.2	4122140	0.72202	60.06	60.06	1.5	ANNUAL	SRCGP7	5
606852.2	4122140	0.71423	59.93	59.93	1.5	ANNUAL	SRCGP7	5
605632.2	4122160	1.3943	55.27	292.97	1.5	ANNUAL	SRCGP7	5
605652.2	4122160	1.471	55.59	292.97	1.5	ANNUAL	SRCGP7	5
605672.2	4122160	1.53598	55.4	292.97	1.5	ANNUAL	SRCGP7	5
605692.2	4122160	1.61131	55.38	292.97	1.5	ANNUAL	SRCGP7	5
605712.2	4122160	1.7143	55.91	292.97	1.5	ANNUAL	SRCGP7	5
605732.2	4122160	1.80762	56.02	292.97	1.5	ANNUAL	SRCGP7	5
605752.2	4122160	1.88168	55.6	292.97	1.5	ANNUAL	SRCGP7	5
605772.2	4122160	2.01156	56.19	292.97	1.5	ANNUAL	SRCGP7	5
605792.2	4122160	2.13201	56.42	292.97	1.5	ANNUAL	SRCGP7	5
605812.2	4122160	2.21428	55.93	292.97	1.5	ANNUAL	SRCGP7	5
605832.2	4122160	2.35378	56.28	292.97	1.5	ANNUAL	SRCGP7	5
605912.2	4122160	2.81181	56.36	292.97	1.5	ANNUAL	SRCGP7	5
605932.2	4122160	2.90086	56.3	292.97	1.5	ANNUAL	SRCGP7	5
605952.2	4122160	2.96274	56.12	292.97	1.5	ANNUAL	SRCGP7	5
605972.2	4122160	3.02381	56.11	292.97	1.5	ANNUAL	SRCGP7	5
605992.2	4122160	3.07543	56.22	292.97	1.5	ANNUAL	SRCGP7	5
606012.2	4122160	3.07504	56.15	56.15	1.5	ANNUAL	SRCGP7	5
606032.2	4122160	3.04667	56.14	56.14	1.5	ANNUAL	SRCGP7	5
606052.2	4122160	2.98771	56.19	56.19	1.5	ANNUAL	SRCGP7	5
606072.2	4122160	2.91791	56.49	56.49	1.5	ANNUAL	SRCGP7	5
606132.2	4122160	2.38187	58.03	58.03	1.5	ANNUAL	SRCGP7	5
606152.2	4122160	2.19872	58.1	58.1	1.5	ANNUAL	SRCGP7	5
606172.2	4122160	2.02713	58.22	58.22	1.5	ANNUAL	SRCGP7	5
606512.2	4122160	0.69606	59.43	59.43	1.5	ANNUAL	SRCGP7	5
606532.2	4122160	0.69957	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606552.2	4122160	0.70671	59.57	59.57	1.5	ANNUAL	SRCGP7	5
606652.2	4122160	0.74224	59.85	59.85	1.5	ANNUAL	SRCGP7	5
606672.2	4122160	0.74377	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606712.2	4122160	0.73857	60	60	1.5	ANNUAL	SRCGP7	5
606732.2	4122160	0.73484	60	60	1.5	ANNUAL	SRCGP7	5
606752.2	4122160	0.73061	59.96	59.96	1.5	ANNUAL	SRCGP7	5
606772.2	4122160	0.7251	59.93	59.93	1.5	ANNUAL	SRCGP7	5
606792.2	4122160	0.71896	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606872.2	4122160	0.68604	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606892.2	4122160	0.67537	59.78	59.78	1.5	ANNUAL	SRCGP7	5
606912.2	4122160	0.66298	59.92	59.92	1.5	ANNUAL	SRCGP7	5
605632.2	4122180	1.46579	55.2	292.97	1.5	ANNUAL	SRCGP7	5
605652.2	4122180	1.54158	55.38	292.97	1.5	ANNUAL	SRCGP7	5
605672.2	4122180	1.61115	55.24	292.97	1.5	ANNUAL	SRCGP7	5
605692.2	4122180	1.69445	55.35	292.97	1.5	ANNUAL	SRCGP7	5
605712.2	4122180	1.79271	55.68	292.97	1.5	ANNUAL	SRCGP7	5
605732.2	4122180	1.88854	55.8	292.97	1.5	ANNUAL	SRCGP7	5
605752.2	4122180	1.97013	55.52	292.97	1.5	ANNUAL	SRCGP7	5
605772.2	4122180	2.10355	56.14	292.97	1.5	ANNUAL	SRCGP7	5
605792.2	4122180	2.21188	56.17	292.97	1.5	ANNUAL	SRCGP7	5
605812.2	4122180	2.29892	55.81	292.97	1.5	ANNUAL	SRCGP7	5
605832.2	4122180	2.44776	56.34	292.97	1.5	ANNUAL	SRCGP7	5
605892.2	4122180	2.77962	56.39	292.97	1.5	ANNUAL	SRCGP7	5
605912.2	4122180	2.87015	56.41	292.97	1.5	ANNUAL	SRCGP7	5
605932.2	4122180	2.92437	56.21	292.97	1.5	ANNUAL	SRCGP7	5
605952.2	4122180	2.98998	56.29	292.97	1.5	ANNUAL	SRCGP7	5
605972.2	4122180	3.03481	56.37	56.37	1.5	ANNUAL	SRCGP7	5

605992.2	4122180	3.0393	56.33	56.33	1.5	ANNUAL	SRCGP7	5
606012.2	4122180	3.00273	56.21	56.21	1.5	ANNUAL	SRCGP7	5
606032.2	4122180	2.94889	56.22	56.22	1.5	ANNUAL	SRCGP7	5
606052.2	4122180	2.85998	56.22	56.22	1.5	ANNUAL	SRCGP7	5
606132.2	4122180	2.24031	58.08	58.08	1.5	ANNUAL	SRCGP7	5
606152.2	4122180	2.07458	58.13	58.13	1.5	ANNUAL	SRCGP7	5
606172.2	4122180	1.92182	58.22	58.22	1.5	ANNUAL	SRCGP7	5
606332.2	4122180	1.063	58.8	58.8	1.5	ANNUAL	SRCGP7	5
606352.2	4122180	0.97281	57.63	59.63	1.5	ANNUAL	SRCGP7	5
606672.2	4122180	0.72154	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606712.2	4122180	0.71454	59.93	59.93	1.5	ANNUAL	SRCGP7	5
606812.2	4122180	0.69322	59.66	59.66	1.5	ANNUAL	SRCGP7	5
606832.2	4122180	0.68455	59.71	59.71	1.5	ANNUAL	SRCGP7	5
606852.2	4122180	0.67406	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606872.2	4122180	0.66459	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606892.2	4122180	0.65504	59.9	59.9	1.5	ANNUAL	SRCGP7	5
606912.2	4122180	0.6449	59.94	59.94	1.5	ANNUAL	SRCGP7	5
605872.2	4122200	2.71647	56.28	292.97	1.5	ANNUAL	SRCGP7	5
605892.2	4122200	2.82075	56.46	292.97	1.5	ANNUAL	SRCGP7	5
605912.2	4122200	2.87958	56.3	56.3	1.5	ANNUAL	SRCGP7	5
605932.2	4122200	2.92154	56.19	56.19	1.5	ANNUAL	SRCGP7	5
605952.2	4122200	2.96298	56.27	56.27	1.5	ANNUAL	SRCGP7	5
605972.2	4122200	2.97736	56.31	56.31	1.5	ANNUAL	SRCGP7	5
605992.2	4122200	2.95368	56.25	56.25	1.5	ANNUAL	SRCGP7	5
606012.2	4122200	2.90219	56.2	56.2	1.5	ANNUAL	SRCGP7	5
606032.2	4122200	2.82955	56.22	56.22	1.5	ANNUAL	SRCGP7	5
606052.2	4122200	2.73131	56.26	56.26	1.5	ANNUAL	SRCGP7	5
606072.2	4122200	2.62544	56.49	56.49	1.5	ANNUAL	SRCGP7	5
606132.2	4122200	2.12403	57.98	57.98	1.5	ANNUAL	SRCGP7	5
606152.2	4122200	1.9723	58.09	58.09	1.5	ANNUAL	SRCGP7	5
606172.2	4122200	1.83523	58.17	58.17	1.5	ANNUAL	SRCGP7	5
606332.2	4122200	1.0418	57.98	57.98	1.5	ANNUAL	SRCGP7	5
606352.2	4122200	0.9591	57.32	57.32	1.5	ANNUAL	SRCGP7	5
606672.2	4122200	0.70325	59.39	59.39	1.5	ANNUAL	SRCGP7	5
606752.2	4122200	0.68799	59.75	59.75	1.5	ANNUAL	SRCGP7	5
606772.2	4122200	0.68349	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606792.2	4122200	0.67627	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606812.2	4122200	0.66995	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606832.2	4122200	0.66293	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606852.2	4122200	0.65455	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606872.2	4122200	0.64569	59.94	59.94	1.5	ANNUAL	SRCGP7	5
606892.2	4122200	0.63859	59.84	59.84	1.5	ANNUAL	SRCGP7	5
605872.2	4122220	2.74886	56.62	56.62	1.5	ANNUAL	SRCGP7	5
605892.2	4122220	2.82445	56.43	56.43	1.5	ANNUAL	SRCGP7	5
605912.2	4122220	2.8715	56.32	56.32	1.5	ANNUAL	SRCGP7	5
605932.2	4122220	2.90679	56.33	56.33	1.5	ANNUAL	SRCGP7	5
605952.2	4122220	2.91017	56.25	56.25	1.5	ANNUAL	SRCGP7	5
605972.2	4122220	2.90481	56.31	56.31	1.5	ANNUAL	SRCGP7	5
605992.2	4122220	2.86345	56.27	56.27	1.5	ANNUAL	SRCGP7	5
606012.2	4122220	2.79389	56.21	56.21	1.5	ANNUAL	SRCGP7	5
606032.2	4122220	2.70958	56.24	56.24	1.5	ANNUAL	SRCGP7	5
606052.2	4122220	2.60962	56.33	56.33	1.5	ANNUAL	SRCGP7	5
606132.2	4122220	2.01945	58.08	58.08	1.5	ANNUAL	SRCGP7	5
606152.2	4122220	1.88288	58.18	58.18	1.5	ANNUAL	SRCGP7	5
606172.2	4122220	1.75999	58.24	58.24	1.5	ANNUAL	SRCGP7	5
606292.2	4122220	1.20268	58.14	58.14	1.5	ANNUAL	SRCGP7	5
606712.2	4122220	0.67126	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606732.2	4122220	0.66825	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606752.2	4122220	0.66387	59.94	59.94	1.5	ANNUAL	SRCGP7	5
606772.2	4122220	0.66078	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606792.2	4122220	0.65637	59.85	59.85	1.5	ANNUAL	SRCGP7	5
606812.2	4122220	0.65039	59.87	59.87	1.5	ANNUAL	SRCGP7	5
605872.2	4122240	2.74169	56.67	56.67	1.5	ANNUAL	SRCGP7	5

605892.2	4122240	2.80178	56.56	56.56	1.5	ANNUAL	SRCGP7	5
605912.2	4122240	2.84373	56.42	56.42	1.5	ANNUAL	SRCGP7	5
605932.2	4122240	2.86523	56.53	56.53	1.5	ANNUAL	SRCGP7	5
605952.2	4122240	2.86007	56.55	56.55	1.5	ANNUAL	SRCGP7	5
605972.2	4122240	2.83146	56.56	56.56	1.5	ANNUAL	SRCGP7	5
605992.2	4122240	2.77985	56.53	56.53	1.5	ANNUAL	SRCGP7	5
606012.2	4122240	2.70573	56.52	56.52	1.5	ANNUAL	SRCGP7	5
606032.2	4122240	2.61088	56.51	56.51	1.5	ANNUAL	SRCGP7	5
606052.2	4122240	2.49833	56.55	56.55	1.5	ANNUAL	SRCGP7	5
606132.2	4122240	1.93068	58.09	58.09	1.5	ANNUAL	SRCGP7	5
606152.2	4122240	1.80617	58.24	58.24	1.5	ANNUAL	SRCGP7	5
606192.2	4122240	1.5989	58.15	58.15	1.5	ANNUAL	SRCGP7	5
606292.2	4122240	1.17158	58.3	58.3	1.5	ANNUAL	SRCGP7	5
606312.2	4122240	1.08482	58.39	58.39	1.5	ANNUAL	SRCGP7	5
606332.2	4122240	1.00089	58.48	58.48	1.5	ANNUAL	SRCGP7	5
606352.2	4122240	0.9236	58.51	58.51	1.5	ANNUAL	SRCGP7	5
606392.2	4122240	0.79571	59.07	59.07	1.5	ANNUAL	SRCGP7	5
606412.2	4122240	0.75108	59.06	59.06	1.5	ANNUAL	SRCGP7	5
606452.2	4122240	0.69271	59.25	59.25	1.5	ANNUAL	SRCGP7	5
606472.2	4122240	0.67534	59.43	59.43	1.5	ANNUAL	SRCGP7	5
606712.2	4122240	0.64986	59.9	59.9	1.5	ANNUAL	SRCGP7	5
606732.2	4122240	0.64744	59.92	59.92	1.5	ANNUAL	SRCGP7	5
606752.2	4122240	0.64523	59.88	59.88	1.5	ANNUAL	SRCGP7	5
605852.2	4122260	2.64876	57.05	57.05	1.5	ANNUAL	SRCGP7	5
605872.2	4122260	2.69324	57.21	57.21	1.5	ANNUAL	SRCGP7	5
605892.2	4122260	2.72801	57.32	57.32	1.5	ANNUAL	SRCGP7	5
605912.2	4122260	2.75103	57.38	57.38	1.5	ANNUAL	SRCGP7	5
605932.2	4122260	2.75208	57.5	57.5	1.5	ANNUAL	SRCGP7	5
605952.2	4122260	2.73986	57.52	57.52	1.5	ANNUAL	SRCGP7	5
605972.2	4122260	2.6951	57.67	57.67	1.5	ANNUAL	SRCGP7	5
605992.2	4122260	2.63375	57.72	57.72	1.5	ANNUAL	SRCGP7	5
606012.2	4122260	2.55563	57.69	57.69	1.5	ANNUAL	SRCGP7	5
606032.2	4122260	2.45727	57.73	57.73	1.5	ANNUAL	SRCGP7	5
606052.2	4122260	2.34542	57.78	57.78	1.5	ANNUAL	SRCGP7	5
606132.2	4122260	1.86616	57.6	57.6	1.5	ANNUAL	SRCGP7	5
606152.2	4122260	1.74361	58.06	58.06	1.5	ANNUAL	SRCGP7	5
606172.2	4122260	1.6405	58.21	58.21	1.5	ANNUAL	SRCGP7	5
606192.2	4122260	1.55034	58.18	58.18	1.5	ANNUAL	SRCGP7	5
606212.2	4122260	1.46827	58.08	58.08	1.5	ANNUAL	SRCGP7	5
606292.2	4122260	1.14807	58.24	58.24	1.5	ANNUAL	SRCGP7	5
606312.2	4122260	1.06624	58.44	58.44	1.5	ANNUAL	SRCGP7	5
606332.2	4122260	0.98779	58.62	58.62	1.5	ANNUAL	SRCGP7	5
606352.2	4122260	0.91528	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606392.2	4122260	0.79479	59.36	59.36	1.5	ANNUAL	SRCGP7	5
606412.2	4122260	0.75095	59.46	59.46	1.5	ANNUAL	SRCGP7	5
606452.2	4122260	0.69104	59.75	59.75	1.5	ANNUAL	SRCGP7	5
606472.2	4122260	0.67262	59.81	59.81	1.5	ANNUAL	SRCGP7	5
606712.2	4122260	0.63412	59.71	59.71	1.5	ANNUAL	SRCGP7	5
605852.2	4122280	2.60863	57.17	57.17	1.5	ANNUAL	SRCGP7	5
605872.2	4122280	2.56817	58.52	58.52	1.5	ANNUAL	SRCGP7	5
605892.2	4122280	2.5692	58.94	58.94	1.5	ANNUAL	SRCGP7	5
605912.2	4122280	2.61408	58.28	59.19	1.5	ANNUAL	SRCGP7	5
605932.2	4122280	2.65352	57.6	57.6	1.5	ANNUAL	SRCGP7	5
605952.2	4122280	2.63342	57.58	57.58	1.5	ANNUAL	SRCGP7	5
605972.2	4122280	2.57995	57.77	57.77	1.5	ANNUAL	SRCGP7	5
605992.2	4122280	2.51717	57.82	57.82	1.5	ANNUAL	SRCGP7	5
606012.2	4122280	2.44	57.78	57.78	1.5	ANNUAL	SRCGP7	5
606032.2	4122280	2.34396	57.81	57.81	1.5	ANNUAL	SRCGP7	5
606052.2	4122280	2.22805	58.08	58.08	1.5	ANNUAL	SRCGP7	5
606172.2	4122280	1.59309	58.06	58.06	1.5	ANNUAL	SRCGP7	5
606192.2	4122280	1.50685	58.2	58.2	1.5	ANNUAL	SRCGP7	5
606212.2	4122280	1.42949	58.15	58.15	1.5	ANNUAL	SRCGP7	5
606232.2	4122280	1.35379	58.18	58.18	1.5	ANNUAL	SRCGP7	5

606292.2	4122280	1.12718	58.3	58.3	1.5	ANNUAL	SRCGP7	5
606312.2	4122280	1.05087	58.48	58.48	1.5	ANNUAL	SRCGP7	5
606332.2	4122280	0.9777	58.66	58.66	1.5	ANNUAL	SRCGP7	5
606352.2	4122280	0.90986	58.83	58.83	1.5	ANNUAL	SRCGP7	5
606372.2	4122280	0.84839	59.12	59.12	1.5	ANNUAL	SRCGP7	5
606392.2	4122280	0.7956	59.4	59.4	1.5	ANNUAL	SRCGP7	5
606412.2	4122280	0.75315	59.45	59.45	1.5	ANNUAL	SRCGP7	5
606432.2	4122280	0.71912	59.54	59.54	1.5	ANNUAL	SRCGP7	5
606452.2	4122280	0.69205	59.75	59.75	1.5	ANNUAL	SRCGP7	5
606472.2	4122280	0.67236	59.79	59.79	1.5	ANNUAL	SRCGP7	5
606492.2	4122280	0.65828	59.75	59.75	1.5	ANNUAL	SRCGP7	5
606512.2	4122280	0.64831	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606532.2	4122280	0.64273	59.51	59.51	1.5	ANNUAL	SRCGP7	5
606552.2	4122280	0.64223	59.15	59.15	1.5	ANNUAL	SRCGP7	5
606572.2	4122280	0.63864	59.16	59.16	1.5	ANNUAL	SRCGP7	5
606892.2	4122280	0.58137	59.51	59.51	1.5	ANNUAL	SRCGP7	5
606912.2	4122280	0.57245	59.68	59.68	1.5	ANNUAL	SRCGP7	5
605632.2	4122300	1.81932	55.35	55.35	1.5	ANNUAL	SRCGP7	5
605652.2	4122300	1.89196	55.4	55.4	1.5	ANNUAL	SRCGP7	5
605672.2	4122300	1.98825	55.97	55.97	1.5	ANNUAL	SRCGP7	5
605692.2	4122300	2.06693	56.08	56.08	1.5	ANNUAL	SRCGP7	5
605852.2	4122300	2.57546	56.96	56.96	1.5	ANNUAL	SRCGP7	5
605872.2	4122300	2.50115	58.66	58.66	1.5	ANNUAL	SRCGP7	5
605892.2	4122300	2.45199	59.9	59.9	1.5	ANNUAL	SRCGP7	5
605912.2	4122300	2.48326	59.11	59.11	1.5	ANNUAL	SRCGP7	5
605932.2	4122300	2.54322	57.78	57.78	1.5	ANNUAL	SRCGP7	5
605952.2	4122300	2.5198	57.67	57.67	1.5	ANNUAL	SRCGP7	5
605972.2	4122300	2.46672	57.77	57.77	1.5	ANNUAL	SRCGP7	5
605992.2	4122300	2.40325	57.81	57.81	1.5	ANNUAL	SRCGP7	5
606012.2	4122300	2.32979	57.78	57.78	1.5	ANNUAL	SRCGP7	5
606032.2	4122300	2.23967	57.79	57.79	1.5	ANNUAL	SRCGP7	5
606052.2	4122300	2.13344	57.96	57.96	1.5	ANNUAL	SRCGP7	5
606292.2	4122300	1.10854	58.39	58.39	1.5	ANNUAL	SRCGP7	5
606312.2	4122300	1.03625	58.65	58.65	1.5	ANNUAL	SRCGP7	5
606332.2	4122300	0.96769	58.85	58.85	1.5	ANNUAL	SRCGP7	5
606352.2	4122300	0.9052	58.89	58.89	1.5	ANNUAL	SRCGP7	5
606392.2	4122300	0.79586	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606412.2	4122300	0.75479	59.49	59.49	1.5	ANNUAL	SRCGP7	5
606432.2	4122300	0.71997	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606452.2	4122300	0.69223	59.81	59.81	1.5	ANNUAL	SRCGP7	5
606472.2	4122300	0.67154	59.79	59.79	1.5	ANNUAL	SRCGP7	5
606492.2	4122300	0.65442	59.85	59.85	1.5	ANNUAL	SRCGP7	5
606512.2	4122300	0.64157	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606832.2	4122300	0.58442	59.44	59.44	1.5	ANNUAL	SRCGP7	5
606852.2	4122300	0.57485	59.77	59.77	1.5	ANNUAL	SRCGP7	5
606872.2	4122300	0.57127	59.64	59.64	1.5	ANNUAL	SRCGP7	5
606892.2	4122300	0.56446	59.72	59.72	1.5	ANNUAL	SRCGP7	5
606912.2	4122300	0.55835	59.72	59.72	1.5	ANNUAL	SRCGP7	5
605632.2	4122320	1.86167	55.6	55.6	1.5	ANNUAL	SRCGP7	5
605652.2	4122320	1.94119	55.89	55.89	1.5	ANNUAL	SRCGP7	5
605672.2	4122320	2.03124	56.38	56.38	1.5	ANNUAL	SRCGP7	5
605692.2	4122320	2.09999	56.37	56.37	1.5	ANNUAL	SRCGP7	5
605772.2	4122320	2.35757	56.92	56.92	1.5	ANNUAL	SRCGP7	5
605792.2	4122320	2.40686	56.99	56.99	1.5	ANNUAL	SRCGP7	5
605852.2	4122320	2.48465	57.46	59.49	1.5	ANNUAL	SRCGP7	5
605872.2	4122320	2.40087	59.31	59.31	1.5	ANNUAL	SRCGP7	5
605892.2	4122320	2.38442	59.62	59.62	1.5	ANNUAL	SRCGP7	5
605912.2	4122320	2.37568	59.48	59.48	1.5	ANNUAL	SRCGP7	5
605932.2	4122320	2.43704	57.87	57.87	1.5	ANNUAL	SRCGP7	5
605952.2	4122320	2.43604	57.34	57.34	1.5	ANNUAL	SRCGP7	5
605972.2	4122320	2.35727	57.74	57.74	1.5	ANNUAL	SRCGP7	5
605992.2	4122320	2.29105	57.8	57.8	1.5	ANNUAL	SRCGP7	5
606012.2	4122320	2.21573	57.84	57.84	1.5	ANNUAL	SRCGP7	5

606032.2	4122320	2.13278	57.86	57.86	1.5	ANNUAL	SRCGP7	5
606392.2	4122320	0.79579	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606412.2	4122320	0.75543	59.52	59.52	1.5	ANNUAL	SRCGP7	5
606432.2	4122320	0.7219	59.54	59.54	1.5	ANNUAL	SRCGP7	5
606452.2	4122320	0.68973	59.91	59.91	1.5	ANNUAL	SRCGP7	5
606472.2	4122320	0.66864	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606752.2	4122320	0.58095	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606772.2	4122320	0.57405	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606792.2	4122320	0.57088	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606812.2	4122320	0.56894	59.77	59.77	1.5	ANNUAL	SRCGP7	5
606832.2	4122320	0.56555	59.72	59.72	1.5	ANNUAL	SRCGP7	5
606852.2	4122320	0.55882	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606872.2	4122320	0.55652	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606892.2	4122320	0.5512	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606912.2	4122320	0.54566	59.68	59.68	1.5	ANNUAL	SRCGP7	5
605632.2	4122340	1.90162	56.01	56.01	1.5	ANNUAL	SRCGP7	5
605652.2	4122340	1.96293	55.94	55.94	1.5	ANNUAL	SRCGP7	5
605672.2	4122340	2.03767	56.2	56.2	1.5	ANNUAL	SRCGP7	5
605692.2	4122340	2.10161	56.23	56.23	1.5	ANNUAL	SRCGP7	5
605712.2	4122340	2.1694	56.38	56.38	1.5	ANNUAL	SRCGP7	5
605732.2	4122340	2.21627	57.25	57.25	1.5	ANNUAL	SRCGP7	5
605752.2	4122340	2.2221	58.37	58.37	1.5	ANNUAL	SRCGP7	5
605772.2	4122340	2.26755	58.35	58.8	1.5	ANNUAL	SRCGP7	5
605792.2	4122340	2.29727	58.55	58.55	1.5	ANNUAL	SRCGP7	5
605812.2	4122340	2.34056	58.25	59.98	1.5	ANNUAL	SRCGP7	5
605832.2	4122340	2.37121	58.07	59.98	1.5	ANNUAL	SRCGP7	5
605852.2	4122340	2.36095	58.53	58.53	1.5	ANNUAL	SRCGP7	5
605872.2	4122340	2.31375	59.58	59.58	1.5	ANNUAL	SRCGP7	5
605892.2	4122340	2.30272	59.57	59.57	1.5	ANNUAL	SRCGP7	5
605912.2	4122340	2.27624	59.66	59.66	1.5	ANNUAL	SRCGP7	5
605932.2	4122340	2.30893	58.34	59	1.5	ANNUAL	SRCGP7	5
605952.2	4122340	2.30053	57.77	57.77	1.5	ANNUAL	SRCGP7	5
605972.2	4122340	2.24551	57.8	57.8	1.5	ANNUAL	SRCGP7	5
606692.2	4122340	0.5729	59.65	59.65	1.5	ANNUAL	SRCGP7	5
606712.2	4122340	0.56615	59.94	59.94	1.5	ANNUAL	SRCGP7	5
606732.2	4122340	0.56209	60.06	60.06	1.5	ANNUAL	SRCGP7	5
606752.2	4122340	0.56311	59.81	59.81	1.5	ANNUAL	SRCGP7	5
606772.2	4122340	0.55965	59.86	59.86	1.5	ANNUAL	SRCGP7	5
606792.2	4122340	0.55893	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606812.2	4122340	0.55548	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606832.2	4122340	0.55327	59.57	59.57	1.5	ANNUAL	SRCGP7	5
606852.2	4122340	0.54773	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606872.2	4122340	0.54152	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606892.2	4122340	0.53872	59.63	59.63	1.5	ANNUAL	SRCGP7	5
606912.2	4122340	0.53309	59.66	59.66	1.5	ANNUAL	SRCGP7	5
605632.2	4122360	1.91526	55.97	55.97	1.5	ANNUAL	SRCGP7	5
605652.2	4122360	1.97308	55.94	55.94	1.5	ANNUAL	SRCGP7	5
605672.2	4122360	2.04677	56.31	56.31	1.5	ANNUAL	SRCGP7	5
605692.2	4122360	2.10714	56.4	56.4	1.5	ANNUAL	SRCGP7	5
605712.2	4122360	2.16254	56.57	56.57	1.5	ANNUAL	SRCGP7	5
605732.2	4122360	2.19584	57.31	57.31	1.5	ANNUAL	SRCGP7	5
605752.2	4122360	2.17933	58.82	58.82	1.5	ANNUAL	SRCGP7	5
605772.2	4122360	2.17906	59.8	59.8	1.5	ANNUAL	SRCGP7	5
605792.2	4122360	2.2095	59.68	59.68	1.5	ANNUAL	SRCGP7	5
605812.2	4122360	2.21416	60.07	60.07	1.5	ANNUAL	SRCGP7	5
605832.2	4122360	2.23333	59.81	59.81	1.5	ANNUAL	SRCGP7	5
605852.2	4122360	2.24938	59.43	59.43	1.5	ANNUAL	SRCGP7	5
605872.2	4122360	2.23484	59.58	59.58	1.5	ANNUAL	SRCGP7	5
605892.2	4122360	2.21576	59.6	59.6	1.5	ANNUAL	SRCGP7	5
605912.2	4122360	2.17721	59.85	59.85	1.5	ANNUAL	SRCGP7	5
605952.2	4122360	2.20941	57.6	57.6	1.5	ANNUAL	SRCGP7	5
606632.2	4122360	0.57326	59.49	59.49	1.5	ANNUAL	SRCGP7	5
606652.2	4122360	0.56328	59.85	59.85	1.5	ANNUAL	SRCGP7	5

606672.2	4122360	0.55824	59.95	59.95	1.5	ANNUAL	SRCGP7	5
606692.2	4122360	0.55404	60.03	60.03	1.5	ANNUAL	SRCGP7	5
606712.2	4122360	0.55541	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606732.2	4122360	0.55047	59.9	59.9	1.5	ANNUAL	SRCGP7	5
606772.2	4122360	0.54816	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606792.2	4122360	0.54661	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606812.2	4122360	0.54381	59.52	59.52	1.5	ANNUAL	SRCGP7	5
606832.2	4122360	0.53818	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606852.2	4122360	0.53681	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606872.2	4122360	0.5284	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606892.2	4122360	0.52661	59.57	59.57	1.5	ANNUAL	SRCGP7	5
606912.2	4122360	0.523	59.46	59.46	1.5	ANNUAL	SRCGP7	5
605632.2	4122380	1.92994	56.18	56.18	1.5	ANNUAL	SRCGP7	5
605652.2	4122380	1.97987	56.08	56.08	1.5	ANNUAL	SRCGP7	5
605672.2	4122380	2.04718	56.46	56.46	1.5	ANNUAL	SRCGP7	5
605692.2	4122380	2.09688	56.65	56.65	1.5	ANNUAL	SRCGP7	5
605712.2	4122380	2.14301	56.74	56.74	1.5	ANNUAL	SRCGP7	5
605732.2	4122380	2.16107	57.49	57.49	1.5	ANNUAL	SRCGP7	5
605752.2	4122380	2.13653	59.04	59.04	1.5	ANNUAL	SRCGP7	5
605772.2	4122380	2.14271	59.6	59.6	1.5	ANNUAL	SRCGP7	5
605792.2	4122380	2.15494	59.77	59.77	1.5	ANNUAL	SRCGP7	5
605812.2	4122380	2.15619	60.03	60.03	1.5	ANNUAL	SRCGP7	5
605832.2	4122380	2.17256	59.64	59.64	1.5	ANNUAL	SRCGP7	5
605852.2	4122380	2.16894	59.58	59.58	1.5	ANNUAL	SRCGP7	5
605872.2	4122380	2.1523	59.63	59.63	1.5	ANNUAL	SRCGP7	5
605892.2	4122380	2.13013	59.6	59.6	1.5	ANNUAL	SRCGP7	5
605912.2	4122380	2.09693	59.63	59.63	1.5	ANNUAL	SRCGP7	5
606572.2	4122380	0.58256	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606592.2	4122380	0.57294	59.66	59.66	1.5	ANNUAL	SRCGP7	5
606612.2	4122380	0.56489	59.72	59.72	1.5	ANNUAL	SRCGP7	5
606632.2	4122380	0.55911	59.71	59.71	1.5	ANNUAL	SRCGP7	5
606652.2	4122380	0.55175	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606752.2	4122380	0.53876	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606772.2	4122380	0.5326	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606792.2	4122380	0.52908	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606812.2	4122380	0.52896	59.63	59.63	1.5	ANNUAL	SRCGP7	5
606832.2	4122380	0.52638	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606852.2	4122380	0.52451	59.41	59.41	1.5	ANNUAL	SRCGP7	5
606872.2	4122380	0.51932	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606892.2	4122380	0.51356	59.62	59.62	1.5	ANNUAL	SRCGP7	5
605632.2	4122400	1.9305	56.24	56.24	1.5	ANNUAL	SRCGP7	5
605652.2	4122400	1.97325	56.1	56.1	1.5	ANNUAL	SRCGP7	5
605672.2	4122400	2.03326	56.5	56.5	1.5	ANNUAL	SRCGP7	5
605692.2	4122400	2.07616	56.64	56.64	1.5	ANNUAL	SRCGP7	5
605712.2	4122400	2.11507	56.76	56.76	1.5	ANNUAL	SRCGP7	5
605732.2	4122400	2.12185	57.59	57.59	1.5	ANNUAL	SRCGP7	5
605752.2	4122400	2.08686	59.26	59.26	1.5	ANNUAL	SRCGP7	5
605772.2	4122400	2.09325	59.6	59.6	1.5	ANNUAL	SRCGP7	5
605792.2	4122400	2.10448	59.59	59.59	1.5	ANNUAL	SRCGP7	5
605812.2	4122400	2.10783	59.6	59.6	1.5	ANNUAL	SRCGP7	5
605832.2	4122400	2.10511	59.57	59.57	1.5	ANNUAL	SRCGP7	5
605852.2	4122400	2.09392	59.56	59.56	1.5	ANNUAL	SRCGP7	5
605872.2	4122400	2.06223	59.88	59.88	1.5	ANNUAL	SRCGP7	5
605892.2	4122400	2.04779	59.55	59.55	1.5	ANNUAL	SRCGP7	5
605912.2	4122400	2.04588	58.79	59.2	1.5	ANNUAL	SRCGP7	5
605932.2	4122400	2.07919	57.36	57.36	1.5	ANNUAL	SRCGP7	5
606512.2	4122400	0.61213	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606532.2	4122400	0.59603	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606552.2	4122400	0.58329	59.7	59.7	1.5	ANNUAL	SRCGP7	5
606572.2	4122400	0.57254	59.71	59.71	1.5	ANNUAL	SRCGP7	5
606592.2	4122400	0.5635	59.71	59.71	1.5	ANNUAL	SRCGP7	5
606692.2	4122400	0.53495	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606712.2	4122400	0.52894	59.86	59.86	1.5	ANNUAL	SRCGP7	5

606732.2	4122400	0.52552	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606752.2	4122400	0.52412	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606772.2	4122400	0.51991	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606792.2	4122400	0.51538	59.95	59.95	1.5	ANNUAL	SRCGP7	5
606812.2	4122400	0.51556	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606832.2	4122400	0.51281	59.63	59.63	1.5	ANNUAL	SRCGP7	5
605632.2	4122420	1.92568	56.36	56.36	1.5	ANNUAL	SRCGP7	5
605652.2	4122420	1.97095	56.42	56.42	1.5	ANNUAL	SRCGP7	5
605672.2	4122420	2.01173	56.71	56.71	1.5	ANNUAL	SRCGP7	5
605692.2	4122420	2.04805	56.78	56.78	1.5	ANNUAL	SRCGP7	5
605712.2	4122420	2.0801	56.82	56.82	1.5	ANNUAL	SRCGP7	5
605732.2	4122420	2.08494	57.47	57.47	1.5	ANNUAL	SRCGP7	5
605752.2	4122420	2.03985	59.24	59.24	1.5	ANNUAL	SRCGP7	5
605772.2	4122420	2.03947	59.59	59.59	1.5	ANNUAL	SRCGP7	5
605792.2	4122420	2.04513	59.56	59.56	1.5	ANNUAL	SRCGP7	5
605812.2	4122420	2.04413	59.53	59.53	1.5	ANNUAL	SRCGP7	5
605832.2	4122420	2.04147	59.36	59.36	1.5	ANNUAL	SRCGP7	5
605852.2	4122420	2.03223	59.19	59.19	1.5	ANNUAL	SRCGP7	5
605872.2	4122420	2.03586	58.56	59.97	1.5	ANNUAL	SRCGP7	5
605892.2	4122420	2.03173	58.02	59.56	1.5	ANNUAL	SRCGP7	5
605912.2	4122420	2.03674	57.26	57.26	1.5	ANNUAL	SRCGP7	5
606452.2	4122420	0.66951	59.4	59.4	1.5	ANNUAL	SRCGP7	5
606472.2	4122420	0.64367	59.54	59.54	1.5	ANNUAL	SRCGP7	5
606492.2	4122420	0.62134	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606512.2	4122420	0.60379	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606532.2	4122420	0.59582	59.29	59.29	1.5	ANNUAL	SRCGP7	5
606552.2	4122420	0.57783	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606632.2	4122420	0.54171	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606652.2	4122420	0.53234	59.81	59.81	1.5	ANNUAL	SRCGP7	5
606672.2	4122420	0.53044	59.57	59.57	1.5	ANNUAL	SRCGP7	5
606692.2	4122420	0.52176	59.86	59.86	1.5	ANNUAL	SRCGP7	5
606712.2	4122420	0.51891	59.77	59.77	1.5	ANNUAL	SRCGP7	5
606732.2	4122420	0.51434	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606752.2	4122420	0.51034	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606772.2	4122420	0.50703	59.9	59.9	1.5	ANNUAL	SRCGP7	5
606852.2	4122420	0.49982	59.41	59.41	1.5	ANNUAL	SRCGP7	5
606872.2	4122420	0.49496	59.51	59.51	1.5	ANNUAL	SRCGP7	5
606892.2	4122420	0.49121	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606912.2	4122420	0.49106	59.15	59.15	1.5	ANNUAL	SRCGP7	5
605632.2	4122440	1.91236	56.46	56.46	1.5	ANNUAL	SRCGP7	5
605652.2	4122440	1.94967	56.76	56.76	1.5	ANNUAL	SRCGP7	5
605672.2	4122440	1.9829	56.96	56.96	1.5	ANNUAL	SRCGP7	5
605692.2	4122440	2.01216	56.98	56.98	1.5	ANNUAL	SRCGP7	5
605712.2	4122440	2.039	56.95	56.95	1.5	ANNUAL	SRCGP7	5
605732.2	4122440	2.0378	57.48	57.48	1.5	ANNUAL	SRCGP7	5
605752.2	4122440	2.01322	58.5	58.96	1.5	ANNUAL	SRCGP7	5
605772.2	4122440	2.01485	58.64	59.06	1.5	ANNUAL	SRCGP7	5
605792.2	4122440	2.01906	58.54	58.54	1.5	ANNUAL	SRCGP7	5
605812.2	4122440	2.02326	58.29	58.29	1.5	ANNUAL	SRCGP7	5
605832.2	4122440	2.0225	58.03	58.03	1.5	ANNUAL	SRCGP7	5
605852.2	4122440	2.02299	57.63	57.63	1.5	ANNUAL	SRCGP7	5
605872.2	4122440	2.03036	57.03	57.03	1.5	ANNUAL	SRCGP7	5
605892.2	4122440	2.00162	57.01	57.01	1.5	ANNUAL	SRCGP7	5
606452.2	4122440	0.65672	59.7	59.7	1.5	ANNUAL	SRCGP7	5
606472.2	4122440	0.63508	59.64	59.64	1.5	ANNUAL	SRCGP7	5
606492.2	4122440	0.61767	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606552.2	4122440	0.57265	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606612.2	4122440	0.53631	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606632.2	4122440	0.53003	59.79	59.79	1.5	ANNUAL	SRCGP7	5
606652.2	4122440	0.5241	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606672.2	4122440	0.52237	59.45	59.45	1.5	ANNUAL	SRCGP7	5
606692.2	4122440	0.51203	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606712.2	4122440	0.50667	59.9	59.9	1.5	ANNUAL	SRCGP7	5

606732.2	4122440	0.50332	59.85	59.85	1.5	ANNUAL	SRCGP7	5
606812.2	4122440	0.49331	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606832.2	4122440	0.48999	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606852.2	4122440	0.48704	59.51	59.51	1.5	ANNUAL	SRCGP7	5
606872.2	4122440	0.48474	59.4	59.4	1.5	ANNUAL	SRCGP7	5
606892.2	4122440	0.48069	59.43	59.43	1.5	ANNUAL	SRCGP7	5
606912.2	4122440	0.48054	59.09	59.09	1.5	ANNUAL	SRCGP7	5
605632.2	4122460	1.88995	56.44	56.44	1.5	ANNUAL	SRCGP7	5
605652.2	4122460	1.92175	56.68	56.68	1.5	ANNUAL	SRCGP7	5
605672.2	4122460	1.95002	56.74	56.74	1.5	ANNUAL	SRCGP7	5
605692.2	4122460	1.97431	56.75	56.75	1.5	ANNUAL	SRCGP7	5
605712.2	4122460	1.9938	56.95	56.95	1.5	ANNUAL	SRCGP7	5
605732.2	4122460	1.9971	57.23	57.23	1.5	ANNUAL	SRCGP7	5
605752.2	4122460	2.00421	57.28	57.28	1.5	ANNUAL	SRCGP7	5
605772.2	4122460	2.01044	57.22	57.22	1.5	ANNUAL	SRCGP7	5
605792.2	4122460	2.01161	57.15	57.15	1.5	ANNUAL	SRCGP7	5
605812.2	4122460	2.00564	57.11	57.11	1.5	ANNUAL	SRCGP7	5
605832.2	4122460	2	56.95	56.95	1.5	ANNUAL	SRCGP7	5
606392.2	4122460	0.74765	58.98	58.98	1.5	ANNUAL	SRCGP7	5
606412.2	4122460	0.71333	59.13	59.13	1.5	ANNUAL	SRCGP7	5
606432.2	4122460	0.68118	59.33	59.33	1.5	ANNUAL	SRCGP7	5
606552.2	4122460	0.55925	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606572.2	4122460	0.54796	59.86	59.86	1.5	ANNUAL	SRCGP7	5
606592.2	4122460	0.53493	60.06	60.06	1.5	ANNUAL	SRCGP7	5
606612.2	4122460	0.52517	60.12	60.12	1.5	ANNUAL	SRCGP7	5
606632.2	4122460	0.5205	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606652.2	4122460	0.51634	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606672.2	4122460	0.51187	59.54	59.54	1.5	ANNUAL	SRCGP7	5
606752.2	4122460	0.49282	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606772.2	4122460	0.48705	59.72	59.72	1.5	ANNUAL	SRCGP7	5
606792.2	4122460	0.48512	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606812.2	4122460	0.47968	59.77	59.77	1.5	ANNUAL	SRCGP7	5
606832.2	4122460	0.47874	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606852.2	4122460	0.47482	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606872.2	4122460	0.47358	59.41	59.41	1.5	ANNUAL	SRCGP7	5
606892.2	4122460	0.46839	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606912.2	4122460	0.46905	59.15	59.15	1.5	ANNUAL	SRCGP7	5
606332.2	4122480	0.84888	58.58	58.58	1.5	ANNUAL	SRCGP7	5
606352.2	4122480	0.80143	59.06	59.06	1.5	ANNUAL	SRCGP7	5
606372.2	4122480	0.76592	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606392.2	4122480	0.73369	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606412.2	4122480	0.7045	59.08	59.08	1.5	ANNUAL	SRCGP7	5
606432.2	4122480	0.67651	59.12	59.12	1.5	ANNUAL	SRCGP7	5
606452.2	4122480	0.64414	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606472.2	4122480	0.61449	60.03	60.03	1.5	ANNUAL	SRCGP7	5
606512.2	4122480	0.57561	60.22	60.22	1.5	ANNUAL	SRCGP7	5
606532.2	4122480	0.56129	60.18	60.18	1.5	ANNUAL	SRCGP7	5
606552.2	4122480	0.55009	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606572.2	4122480	0.53908	59.99	59.99	1.5	ANNUAL	SRCGP7	5
606592.2	4122480	0.52731	60.09	60.09	1.5	ANNUAL	SRCGP7	5
606612.2	4122480	0.52158	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606672.2	4122480	0.50382	59.49	59.49	1.5	ANNUAL	SRCGP7	5
606692.2	4122480	0.49541	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606712.2	4122480	0.49181	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606732.2	4122480	0.48268	59.91	59.91	1.5	ANNUAL	SRCGP7	5
606752.2	4122480	0.47954	59.82	59.82	1.5	ANNUAL	SRCGP7	5
606772.2	4122480	0.47363	60	60	1.5	ANNUAL	SRCGP7	5
606792.2	4122480	0.47051	59.96	59.96	1.5	ANNUAL	SRCGP7	5
606812.2	4122480	0.46744	59.93	59.93	1.5	ANNUAL	SRCGP7	5
606832.2	4122480	0.46768	59.6	59.6	1.5	ANNUAL	SRCGP7	5
606852.2	4122480	0.46368	59.66	59.66	1.5	ANNUAL	SRCGP7	5
606872.2	4122480	0.46222	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606892.2	4122480	0.45823	59.53	59.53	1.5	ANNUAL	SRCGP7	5

606912.2	4122480	0.45755	59.25	59.25	1.5	ANNUAL	SRCGP7	5
606332.2	4122500	0.82144	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606372.2	4122500	0.75057	59.23	59.23	1.5	ANNUAL	SRCGP7	5
606392.2	4122500	0.72331	59.06	59.06	1.5	ANNUAL	SRCGP7	5
606412.2	4122500	0.6948	59.06	59.06	1.5	ANNUAL	SRCGP7	5
606432.2	4122500	0.66958	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606472.2	4122500	0.60812	59.97	59.97	1.5	ANNUAL	SRCGP7	5
606492.2	4122500	0.58704	60.12	60.12	1.5	ANNUAL	SRCGP7	5
606512.2	4122500	0.57355	59.9	59.9	1.5	ANNUAL	SRCGP7	5
606532.2	4122500	0.56279	59.62	59.62	1.5	ANNUAL	SRCGP7	5
606632.2	4122500	0.50878	59.6	59.6	1.5	ANNUAL	SRCGP7	5
606652.2	4122500	0.49972	59.7	59.7	1.5	ANNUAL	SRCGP7	5
606672.2	4122500	0.49128	59.82	59.82	1.5	ANNUAL	SRCGP7	5
606692.2	4122500	0.48499	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606712.2	4122500	0.47899	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606732.2	4122500	0.4745	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606752.2	4122500	0.46765	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606772.2	4122500	0.46459	59.95	59.95	1.5	ANNUAL	SRCGP7	5
606792.2	4122500	0.46377	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606812.2	4122500	0.45866	59.82	59.82	1.5	ANNUAL	SRCGP7	5
606832.2	4122500	0.45671	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606852.2	4122500	0.45576	59.45	59.45	1.5	ANNUAL	SRCGP7	5
606872.2	4122500	0.45154	59.53	59.53	1.5	ANNUAL	SRCGP7	5
606892.2	4122500	0.44725	59.62	59.62	1.5	ANNUAL	SRCGP7	5
606912.2	4122500	0.44658	59.34	59.34	1.5	ANNUAL	SRCGP7	5
606272.2	4122520	0.91997	58.54	58.54	1.5	ANNUAL	SRCGP7	5
606292.2	4122520	0.87296	59.05	59.05	1.5	ANNUAL	SRCGP7	5
606392.2	4122520	0.70968	59.17	59.17	1.5	ANNUAL	SRCGP7	5
606412.2	4122520	0.68359	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606432.2	4122520	0.65845	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606472.2	4122520	0.60561	59.65	59.65	1.5	ANNUAL	SRCGP7	5
606552.2	4122520	0.54472	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606572.2	4122520	0.53193	59.52	59.52	1.5	ANNUAL	SRCGP7	5
606592.2	4122520	0.52067	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606612.2	4122520	0.51089	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606632.2	4122520	0.50205	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606652.2	4122520	0.49393	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606672.2	4122520	0.48177	59.96	59.96	1.5	ANNUAL	SRCGP7	5
606692.2	4122520	0.47363	60.11	60.11	1.5	ANNUAL	SRCGP7	5
606712.2	4122520	0.46971	59.95	59.95	1.5	ANNUAL	SRCGP7	5
606732.2	4122520	0.4684	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606752.2	4122520	0.46055	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606772.2	4122520	0.45898	59.63	59.63	1.5	ANNUAL	SRCGP7	5
606792.2	4122520	0.45671	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606812.2	4122520	0.45377	59.39	59.39	1.5	ANNUAL	SRCGP7	5
606832.2	4122520	0.44803	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606852.2	4122520	0.44581	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606872.2	4122520	0.44072	59.64	59.64	1.5	ANNUAL	SRCGP7	5
606892.2	4122520	0.43624	59.76	59.76	1.5	ANNUAL	SRCGP7	5
606272.2	4122540	0.8872	59	59	1.5	ANNUAL	SRCGP7	5
606292.2	4122540	0.85214	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606312.2	4122540	0.82178	58.98	58.98	1.5	ANNUAL	SRCGP7	5
606332.2	4122540	0.79317	58.82	58.82	1.5	ANNUAL	SRCGP7	5
606352.2	4122540	0.75531	59.17	59.17	1.5	ANNUAL	SRCGP7	5
606372.2	4122540	0.72555	59.19	59.19	1.5	ANNUAL	SRCGP7	5
606392.2	4122540	0.6987	59.14	59.14	1.5	ANNUAL	SRCGP7	5
606412.2	4122540	0.67339	59.1	59.1	1.5	ANNUAL	SRCGP7	5
606432.2	4122540	0.64834	59.15	59.15	1.5	ANNUAL	SRCGP7	5
606492.2	4122540	0.58578	59.26	59.26	1.5	ANNUAL	SRCGP7	5
606512.2	4122540	0.56554	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606532.2	4122540	0.55102	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606552.2	4122540	0.5358	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606572.2	4122540	0.52532	59.5	59.5	1.5	ANNUAL	SRCGP7	5

606592.2	4122540	0.51359	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606612.2	4122540	0.49968	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606632.2	4122540	0.49591	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606652.2	4122540	0.48543	59.65	59.65	1.5	ANNUAL	SRCGP7	5
606672.2	4122540	0.47767	59.68	59.68	1.5	ANNUAL	SRCGP7	5
606692.2	4122540	0.46942	59.81	59.81	1.5	ANNUAL	SRCGP7	5
606712.2	4122540	0.46348	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606732.2	4122540	0.4621	59.44	59.44	1.5	ANNUAL	SRCGP7	5
606752.2	4122540	0.45667	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606772.2	4122540	0.45147	59.52	59.52	1.5	ANNUAL	SRCGP7	5
606792.2	4122540	0.44636	59.6	59.6	1.5	ANNUAL	SRCGP7	5
606812.2	4122540	0.4439	59.46	59.46	1.5	ANNUAL	SRCGP7	5
606832.2	4122540	0.43803	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606852.2	4122540	0.43482	59.64	59.64	1.5	ANNUAL	SRCGP7	5
606872.2	4122540	0.43221	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606892.2	4122540	0.42858	59.59	59.59	1.5	ANNUAL	SRCGP7	5
605632.2	4122560	1.71648	56.47	56.47	1.5	ANNUAL	SRCGP7	5
605652.2	4122560	1.72629	56.51	56.51	1.5	ANNUAL	SRCGP7	5
605672.2	4122560	1.73279	56.69	56.69	1.5	ANNUAL	SRCGP7	5
605692.2	4122560	1.7358	56.62	56.62	1.5	ANNUAL	SRCGP7	5
605712.2	4122560	1.73521	56.64	56.64	1.5	ANNUAL	SRCGP7	5
605732.2	4122560	1.73091	56.66	56.66	1.5	ANNUAL	SRCGP7	5
605752.2	4122560	1.72284	56.66	56.66	1.5	ANNUAL	SRCGP7	5
605772.2	4122560	1.711	56.76	56.76	1.5	ANNUAL	SRCGP7	5
605792.2	4122560	1.69538	56.72	56.72	1.5	ANNUAL	SRCGP7	5
605812.2	4122560	1.6761	56.79	56.79	1.5	ANNUAL	SRCGP7	5
605832.2	4122560	1.65328	56.82	56.82	1.5	ANNUAL	SRCGP7	5
605852.2	4122560	1.62714	56.81	56.81	1.5	ANNUAL	SRCGP7	5
606292.2	4122560	0.83643	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606312.2	4122560	0.80444	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606332.2	4122560	0.77501	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606352.2	4122560	0.74458	58.98	58.98	1.5	ANNUAL	SRCGP7	5
606492.2	4122560	0.57659	59.36	59.36	1.5	ANNUAL	SRCGP7	5
606512.2	4122560	0.55773	59.54	59.54	1.5	ANNUAL	SRCGP7	5
606532.2	4122560	0.54501	59.41	59.41	1.5	ANNUAL	SRCGP7	5
606552.2	4122560	0.52811	59.67	59.67	1.5	ANNUAL	SRCGP7	5
606572.2	4122560	0.51457	59.79	59.79	1.5	ANNUAL	SRCGP7	5
606592.2	4122560	0.504	59.77	59.77	1.5	ANNUAL	SRCGP7	5
606612.2	4122560	0.49289	59.87	59.87	1.5	ANNUAL	SRCGP7	5
606632.2	4122560	0.48914	59.45	59.45	1.5	ANNUAL	SRCGP7	5
606652.2	4122560	0.47859	59.63	59.63	1.5	ANNUAL	SRCGP7	5
606672.2	4122560	0.47162	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606692.2	4122560	0.46411	59.63	59.63	1.5	ANNUAL	SRCGP7	5
606712.2	4122560	0.45837	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606732.2	4122560	0.45127	59.7	59.7	1.5	ANNUAL	SRCGP7	5
606752.2	4122560	0.44593	59.71	59.71	1.5	ANNUAL	SRCGP7	5
606772.2	4122560	0.44178	59.65	59.65	1.5	ANNUAL	SRCGP7	5
606792.2	4122560	0.43584	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606812.2	4122560	0.4329	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606832.2	4122560	0.43009	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606852.2	4122560	0.42581	59.66	59.66	1.5	ANNUAL	SRCGP7	5
606872.2	4122560	0.42312	59.58	59.58	1.5	ANNUAL	SRCGP7	5
605632.2	4122580	1.66806	56.22	56.22	1.5	ANNUAL	SRCGP7	5
605652.2	4122580	1.67578	56.26	56.26	1.5	ANNUAL	SRCGP7	5
605672.2	4122580	1.68325	56.39	56.39	1.5	ANNUAL	SRCGP7	5
605692.2	4122580	1.6802	56.29	56.29	1.5	ANNUAL	SRCGP7	5
605712.2	4122580	1.67924	56.36	56.36	1.5	ANNUAL	SRCGP7	5
605732.2	4122580	1.67159	56.33	56.33	1.5	ANNUAL	SRCGP7	5
605752.2	4122580	1.66147	56.33	56.33	1.5	ANNUAL	SRCGP7	5
605772.2	4122580	1.65164	56.48	56.48	1.5	ANNUAL	SRCGP7	5
605792.2	4122580	1.63471	56.51	56.51	1.5	ANNUAL	SRCGP7	5
605812.2	4122580	1.61448	56.51	56.51	1.5	ANNUAL	SRCGP7	5
605832.2	4122580	1.59113	56.56	56.56	1.5	ANNUAL	SRCGP7	5

605852.2	4122580	1.56487	56.58	56.58	1.5	ANNUAL	SRCGP7	5
605872.2	4122580	1.53602	56.62	56.62	1.5	ANNUAL	SRCGP7	5
605892.2	4122580	1.50492	56.62	56.62	1.5	ANNUAL	SRCGP7	5
605912.2	4122580	1.47199	56.61	56.61	1.5	ANNUAL	SRCGP7	5
605932.2	4122580	1.4377	56.61	56.61	1.5	ANNUAL	SRCGP7	5
606252.2	4122580	0.8764	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606272.2	4122580	0.84469	59.03	59.03	1.5	ANNUAL	SRCGP7	5
606292.2	4122580	0.815	59.03	59.03	1.5	ANNUAL	SRCGP7	5
606312.2	4122580	0.78437	59.1	59.1	1.5	ANNUAL	SRCGP7	5
606472.2	4122580	0.58628	59.36	59.36	1.5	ANNUAL	SRCGP7	5
606492.2	4122580	0.56683	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606512.2	4122580	0.54765	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606532.2	4122580	0.53863	59.36	59.36	1.5	ANNUAL	SRCGP7	5
606552.2	4122580	0.5189	59.85	59.85	1.5	ANNUAL	SRCGP7	5
606572.2	4122580	0.50671	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606592.2	4122580	0.49581	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606612.2	4122580	0.49066	59.51	59.51	1.5	ANNUAL	SRCGP7	5
606632.2	4122580	0.4814	59.52	59.52	1.5	ANNUAL	SRCGP7	5
606652.2	4122580	0.47277	59.54	59.54	1.5	ANNUAL	SRCGP7	5
606672.2	4122580	0.46483	59.56	59.56	1.5	ANNUAL	SRCGP7	5
606692.2	4122580	0.45471	59.83	59.83	1.5	ANNUAL	SRCGP7	5
606712.2	4122580	0.44916	59.75	59.75	1.5	ANNUAL	SRCGP7	5
606732.2	4122580	0.44433	59.65	59.65	1.5	ANNUAL	SRCGP7	5
606752.2	4122580	0.43963	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606772.2	4122580	0.43579	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606792.2	4122580	0.43106	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606812.2	4122580	0.4258	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606832.2	4122580	0.42233	59.53	59.53	1.5	ANNUAL	SRCGP7	5
606852.2	4122580	0.41795	59.6	59.6	1.5	ANNUAL	SRCGP7	5
606992.2	4122580	0.39599	59.46	59.46	1.5	ANNUAL	SRCGP7	5
607012.2	4122580	0.39323	59.39	59.39	1.5	ANNUAL	SRCGP7	5
607032.2	4122580	0.38938	59.45	59.45	1.5	ANNUAL	SRCGP7	5
607052.2	4122580	0.39057	58.85	58.85	1.5	ANNUAL	SRCGP7	5
605932.2	4122600	1.38202	56.42	56.42	1.5	ANNUAL	SRCGP7	5
606252.2	4122600	0.85459	58.95	58.95	1.5	ANNUAL	SRCGP7	5
606272.2	4122600	0.81974	59.29	59.29	1.5	ANNUAL	SRCGP7	5
606292.2	4122600	0.79281	59.23	59.23	1.5	ANNUAL	SRCGP7	5
606312.2	4122600	0.76732	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606412.2	4122600	0.64297	59.03	59.03	1.5	ANNUAL	SRCGP7	5
606432.2	4122600	0.62169	59.02	59.02	1.5	ANNUAL	SRCGP7	5
606452.2	4122600	0.60092	59.07	59.07	1.5	ANNUAL	SRCGP7	5
606472.2	4122600	0.58276	59.05	59.05	1.5	ANNUAL	SRCGP7	5
606492.2	4122600	0.55986	59.45	59.45	1.5	ANNUAL	SRCGP7	5
606512.2	4122600	0.54453	59.44	59.44	1.5	ANNUAL	SRCGP7	5
606532.2	4122600	0.52957	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606552.2	4122600	0.51759	59.43	59.43	1.5	ANNUAL	SRCGP7	5
606572.2	4122600	0.50735	59.31	59.31	1.5	ANNUAL	SRCGP7	5
606592.2	4122600	0.49416	59.49	59.49	1.5	ANNUAL	SRCGP7	5
606612.2	4122600	0.48409	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606632.2	4122600	0.47434	59.55	59.55	1.5	ANNUAL	SRCGP7	5
606652.2	4122600	0.46673	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606672.2	4122600	0.45767	59.59	59.59	1.5	ANNUAL	SRCGP7	5
606692.2	4122600	0.44776	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606712.2	4122600	0.44652	59.35	59.35	1.5	ANNUAL	SRCGP7	5
606992.2	4122600	0.38698	59.59	59.59	1.5	ANNUAL	SRCGP7	5
607012.2	4122600	0.38328	59.66	59.66	1.5	ANNUAL	SRCGP7	5
607032.2	4122600	0.37985	59.69	59.69	1.5	ANNUAL	SRCGP7	5
607052.2	4122600	0.38338	58.78	58.78	1.5	ANNUAL	SRCGP7	5
605632.2	4122620	1.5873	56.39	56.39	1.5	ANNUAL	SRCGP7	5
605652.2	4122620	1.5887	56.39	56.39	1.5	ANNUAL	SRCGP7	5
605672.2	4122620	1.58873	56.48	56.48	1.5	ANNUAL	SRCGP7	5
605692.2	4122620	1.58446	56.45	56.45	1.5	ANNUAL	SRCGP7	5
605712.2	4122620	1.57461	56.35	56.35	1.5	ANNUAL	SRCGP7	5

605752.2	4122620	1.54147	56.02	56.02	1.5	ANNUAL	SRCGP7	5
605772.2	4122620	1.53221	56.24	56.24	1.5	ANNUAL	SRCGP7	5
605792.2	4122620	1.51541	56.3	56.3	1.5	ANNUAL	SRCGP7	5
605812.2	4122620	1.49632	56.37	56.37	1.5	ANNUAL	SRCGP7	5
605832.2	4122620	1.47421	56.42	56.42	1.5	ANNUAL	SRCGP7	5
605852.2	4122620	1.4478	56.4	56.4	1.5	ANNUAL	SRCGP7	5
605872.2	4122620	1.41923	56.37	56.37	1.5	ANNUAL	SRCGP7	5
605892.2	4122620	1.38856	56.32	56.32	1.5	ANNUAL	SRCGP7	5
605932.2	4122620	1.329	56.38	56.38	1.5	ANNUAL	SRCGP7	5
606232.2	4122620	0.86093	58.93	58.93	1.5	ANNUAL	SRCGP7	5
606252.2	4122620	0.83237	59.02	59.02	1.5	ANNUAL	SRCGP7	5
606272.2	4122620	0.80385	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606292.2	4122620	0.77591	59.18	59.18	1.5	ANNUAL	SRCGP7	5
606312.2	4122620	0.75175	59.06	59.06	1.5	ANNUAL	SRCGP7	5
606352.2	4122620	0.70127	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606372.2	4122620	0.67765	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606412.2	4122620	0.634	58.93	58.93	1.5	ANNUAL	SRCGP7	5
606432.2	4122620	0.61513	58.82	58.82	1.5	ANNUAL	SRCGP7	5
606452.2	4122620	0.59916	58.61	58.61	1.5	ANNUAL	SRCGP7	5
606472.2	4122620	0.58034	58.66	58.66	1.5	ANNUAL	SRCGP7	5
606492.2	4122620	0.55265	59.41	59.41	1.5	ANNUAL	SRCGP7	5
606512.2	4122620	0.53484	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606532.2	4122620	0.52142	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606552.2	4122620	0.51106	59.4	59.4	1.5	ANNUAL	SRCGP7	5
606572.2	4122620	0.49848	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606592.2	4122620	0.48861	59.4	59.4	1.5	ANNUAL	SRCGP7	5
606612.2	4122620	0.47943	59.34	59.34	1.5	ANNUAL	SRCGP7	5
606632.2	4122620	0.46965	59.39	59.39	1.5	ANNUAL	SRCGP7	5
606652.2	4122620	0.46175	59.34	59.34	1.5	ANNUAL	SRCGP7	5
606672.2	4122620	0.44951	59.73	59.73	1.5	ANNUAL	SRCGP7	5
606692.2	4122620	0.44995	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606992.2	4122620	0.37943	59.57	59.57	1.5	ANNUAL	SRCGP7	5
607012.2	4122620	0.37531	59.71	59.71	1.5	ANNUAL	SRCGP7	5
607032.2	4122620	0.37201	59.74	59.74	1.5	ANNUAL	SRCGP7	5
607052.2	4122620	0.37071	59.48	59.48	1.5	ANNUAL	SRCGP7	5
605632.2	4122640	1.53888	56.2	56.2	1.5	ANNUAL	SRCGP7	5
605652.2	4122640	1.54106	56.31	56.31	1.5	ANNUAL	SRCGP7	5
605672.2	4122640	1.54016	56.4	56.4	1.5	ANNUAL	SRCGP7	5
605692.2	4122640	1.53275	56.35	56.35	1.5	ANNUAL	SRCGP7	5
605712.2	4122640	1.52402	56.35	56.35	1.5	ANNUAL	SRCGP7	5
605752.2	4122640	1.48996	56.05	56.05	1.5	ANNUAL	SRCGP7	5
605772.2	4122640	1.48049	56.3	56.3	1.5	ANNUAL	SRCGP7	5
605792.2	4122640	1.46401	56.39	56.39	1.5	ANNUAL	SRCGP7	5
605812.2	4122640	1.44407	56.55	56.55	1.5	ANNUAL	SRCGP7	5
605832.2	4122640	1.42059	56.54	56.54	1.5	ANNUAL	SRCGP7	5
605852.2	4122640	1.39525	56.52	56.52	1.5	ANNUAL	SRCGP7	5
605872.2	4122640	1.36837	56.68	56.68	1.5	ANNUAL	SRCGP7	5
605892.2	4122640	1.34025	56.51	56.51	1.5	ANNUAL	SRCGP7	5
605932.2	4122640	1.27856	56.32	56.32	1.5	ANNUAL	SRCGP7	5
606232.2	4122640	0.8375	59.03	59.03	1.5	ANNUAL	SRCGP7	5
606252.2	4122640	0.81168	59.05	59.05	1.5	ANNUAL	SRCGP7	5
606272.2	4122640	0.78583	59.07	59.07	1.5	ANNUAL	SRCGP7	5
606292.2	4122640	0.75979	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606312.2	4122640	0.73616	59.03	59.03	1.5	ANNUAL	SRCGP7	5
606352.2	4122640	0.68863	58.98	58.98	1.5	ANNUAL	SRCGP7	5
606412.2	4122640	0.62434	58.87	58.87	1.5	ANNUAL	SRCGP7	5
606432.2	4122640	0.60654	58.74	58.74	1.5	ANNUAL	SRCGP7	5
606452.2	4122640	0.58897	58.67	58.67	1.5	ANNUAL	SRCGP7	5
606472.2	4122640	0.57033	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606492.2	4122640	0.54885	59.12	59.12	1.5	ANNUAL	SRCGP7	5
606512.2	4122640	0.53024	59.4	59.4	1.5	ANNUAL	SRCGP7	5
606532.2	4122640	0.51396	59.61	59.61	1.5	ANNUAL	SRCGP7	5
606552.2	4122640	0.50555	59.29	59.29	1.5	ANNUAL	SRCGP7	5

606572.2	4122640	0.49187	59.46	59.46	1.5	ANNUAL	SRCGP7	5
606592.2	4122640	0.48283	59.33	59.33	1.5	ANNUAL	SRCGP7	5
606612.2	4122640	0.4712	59.48	59.48	1.5	ANNUAL	SRCGP7	5
606632.2	4122640	0.46489	59.24	59.24	1.5	ANNUAL	SRCGP7	5
606652.2	4122640	0.45512	59.35	59.35	1.5	ANNUAL	SRCGP7	5
606672.2	4122640	0.45328	58.82	58.82	1.5	ANNUAL	SRCGP7	5
606732.2	4122640	0.43365	58.7	58.7	1.5	ANNUAL	SRCGP7	5
606752.2	4122640	0.42748	58.71	58.71	1.5	ANNUAL	SRCGP7	5
606772.2	4122640	0.42185	58.71	58.71	1.5	ANNUAL	SRCGP7	5
606852.2	4122640	0.40274	58.74	58.74	1.5	ANNUAL	SRCGP7	5
606872.2	4122640	0.39935	58.68	58.68	1.5	ANNUAL	SRCGP7	5
606992.2	4122640	0.37176	59.6	59.6	1.5	ANNUAL	SRCGP7	5
607012.2	4122640	0.36775	59.74	59.74	1.5	ANNUAL	SRCGP7	5
607032.2	4122640	0.36455	59.77	59.77	1.5	ANNUAL	SRCGP7	5
607052.2	4122640	0.36141	59.79	59.79	1.5	ANNUAL	SRCGP7	5
605632.2	4122660	1.48798	55.89	55.89	1.5	ANNUAL	SRCGP7	5
605652.2	4122660	1.48862	56.02	56.02	1.5	ANNUAL	SRCGP7	5
605672.2	4122660	1.48507	56.08	56.08	1.5	ANNUAL	SRCGP7	5
605692.2	4122660	1.4783	56.11	56.11	1.5	ANNUAL	SRCGP7	5
605712.2	4122660	1.46693	56.06	56.06	1.5	ANNUAL	SRCGP7	5
605752.2	4122660	1.43417	55.86	55.86	1.5	ANNUAL	SRCGP7	5
605772.2	4122660	1.42323	56.09	56.09	1.5	ANNUAL	SRCGP7	5
605792.2	4122660	1.40635	56.18	56.18	1.5	ANNUAL	SRCGP7	5
605812.2	4122660	1.39043	56.38	56.38	1.5	ANNUAL	SRCGP7	5
605832.2	4122660	1.36511	56.3	56.3	1.5	ANNUAL	SRCGP7	5
605852.2	4122660	1.34281	56.39	56.39	1.5	ANNUAL	SRCGP7	5
605872.2	4122660	1.31814	56.58	56.58	1.5	ANNUAL	SRCGP7	5
605892.2	4122660	1.29117	56.56	56.56	1.5	ANNUAL	SRCGP7	5
605932.2	4122660	1.23134	56.27	56.27	1.5	ANNUAL	SRCGP7	5
606252.2	4122660	0.7924	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606272.2	4122660	0.76696	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606292.2	4122660	0.74321	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606312.2	4122660	0.72076	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606352.2	4122660	0.67552	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606412.2	4122660	0.61361	58.88	58.88	1.5	ANNUAL	SRCGP7	5
606432.2	4122660	0.59546	58.82	58.82	1.5	ANNUAL	SRCGP7	5
606452.2	4122660	0.57576	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606472.2	4122660	0.56029	58.85	58.85	1.5	ANNUAL	SRCGP7	5
606492.2	4122660	0.54592	58.76	58.76	1.5	ANNUAL	SRCGP7	5
606512.2	4122660	0.52151	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606532.2	4122660	0.50825	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606552.2	4122660	0.49637	59.47	59.47	1.5	ANNUAL	SRCGP7	5
606572.2	4122660	0.4892	59.13	59.13	1.5	ANNUAL	SRCGP7	5
606592.2	4122660	0.47669	59.29	59.29	1.5	ANNUAL	SRCGP7	5
606612.2	4122660	0.4674	59.25	59.25	1.5	ANNUAL	SRCGP7	5
606632.2	4122660	0.45842	59.24	59.24	1.5	ANNUAL	SRCGP7	5
606652.2	4122660	0.44774	59.44	59.44	1.5	ANNUAL	SRCGP7	5
606672.2	4122660	0.44708	58.79	58.79	1.5	ANNUAL	SRCGP7	5
606712.2	4122660	0.43545	58.53	58.53	1.5	ANNUAL	SRCGP7	5
606732.2	4122660	0.42676	58.72	58.72	1.5	ANNUAL	SRCGP7	5
606752.2	4122660	0.42011	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606772.2	4122660	0.41441	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606792.2	4122660	0.4091	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606832.2	4122660	0.39947	58.78	58.78	1.5	ANNUAL	SRCGP7	5
606852.2	4122660	0.39518	58.78	58.78	1.5	ANNUAL	SRCGP7	5
606872.2	4122660	0.38991	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606892.2	4122660	0.3858	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606992.2	4122660	0.36429	59.64	59.64	1.5	ANNUAL	SRCGP7	5
607012.2	4122660	0.36044	59.77	59.77	1.5	ANNUAL	SRCGP7	5
607032.2	4122660	0.35752	59.77	59.77	1.5	ANNUAL	SRCGP7	5
605632.2	4122680	1.44037	55.67	55.67	1.5	ANNUAL	SRCGP7	5
605652.2	4122680	1.43727	55.72	55.72	1.5	ANNUAL	SRCGP7	5
605672.2	4122680	1.43194	55.77	55.77	1.5	ANNUAL	SRCGP7	5

605852.2	4122680	1.28628	56.07	56.07	1.5	ANNUAL	SRCGP7	5
605872.2	4122680	1.27053	56.62	56.62	1.5	ANNUAL	SRCGP7	5
605892.2	4122680	1.24473	56.71	56.71	1.5	ANNUAL	SRCGP7	5
605932.2	4122680	1.18758	56.25	56.25	1.5	ANNUAL	SRCGP7	5
605952.2	4122680	1.16594	56.78	56.78	1.5	ANNUAL	SRCGP7	5
605972.2	4122680	1.13574	57.09	57.09	1.5	ANNUAL	SRCGP7	5
606252.2	4122680	0.77272	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606272.2	4122680	0.74968	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606312.2	4122680	0.70541	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606352.2	4122680	0.66154	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606372.2	4122680	0.6415	58.95	58.95	1.5	ANNUAL	SRCGP7	5
606392.2	4122680	0.62437	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606412.2	4122680	0.60151	58.99	58.99	1.5	ANNUAL	SRCGP7	5
606432.2	4122680	0.58439	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606452.2	4122680	0.56699	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606472.2	4122680	0.55161	58.86	58.86	1.5	ANNUAL	SRCGP7	5
606492.2	4122680	0.53809	58.74	58.74	1.5	ANNUAL	SRCGP7	5
606512.2	4122680	0.51485	59.44	59.44	1.5	ANNUAL	SRCGP7	5
606532.2	4122680	0.50336	59.32	59.32	1.5	ANNUAL	SRCGP7	5
606552.2	4122680	0.49059	59.38	59.38	1.5	ANNUAL	SRCGP7	5
606572.2	4122680	0.48573	58.86	58.86	1.5	ANNUAL	SRCGP7	5
606592.2	4122680	0.47307	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606612.2	4122680	0.46162	59.19	59.19	1.5	ANNUAL	SRCGP7	5
606632.2	4122680	0.44985	59.44	59.44	1.5	ANNUAL	SRCGP7	5
606652.2	4122680	0.44234	59.36	59.36	1.5	ANNUAL	SRCGP7	5
606732.2	4122680	0.42094	58.66	58.66	1.5	ANNUAL	SRCGP7	5
606752.2	4122680	0.41383	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606772.2	4122680	0.40806	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606792.2	4122680	0.40287	58.73	58.73	1.5	ANNUAL	SRCGP7	5
606812.2	4122680	0.39755	58.76	58.76	1.5	ANNUAL	SRCGP7	5
606832.2	4122680	0.3914	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606852.2	4122680	0.386	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606872.2	4122680	0.38187	59.05	59.05	1.5	ANNUAL	SRCGP7	5
606892.2	4122680	0.379	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606992.2	4122680	0.35786	59.57	59.57	1.5	ANNUAL	SRCGP7	5
607012.2	4122680	0.35467	59.61	59.61	1.5	ANNUAL	SRCGP7	5
607032.2	4122680	0.35119	59.7	59.7	1.5	ANNUAL	SRCGP7	5
605632.2	4122700	1.40948	56.12	56.12	1.5	ANNUAL	SRCGP7	5
605652.2	4122700	1.40492	56.16	56.16	1.5	ANNUAL	SRCGP7	5
605672.2	4122700	1.39874	56.22	56.22	1.5	ANNUAL	SRCGP7	5
605692.2	4122700	1.38902	56.22	56.22	1.5	ANNUAL	SRCGP7	5
605712.2	4122700	1.37793	56.25	56.25	1.5	ANNUAL	SRCGP7	5
605752.2	4122700	1.34269	56.02	56.02	1.5	ANNUAL	SRCGP7	5
605772.2	4122700	1.32554	56.04	56.04	1.5	ANNUAL	SRCGP7	5
605792.2	4122700	1.3079	56.11	56.11	1.5	ANNUAL	SRCGP7	5
605812.2	4122700	1.28777	56.14	56.14	1.5	ANNUAL	SRCGP7	5
605852.2	4122700	1.24072	56.07	56.07	1.5	ANNUAL	SRCGP7	5
605872.2	4122700	1.22542	56.63	56.63	1.5	ANNUAL	SRCGP7	5
605892.2	4122700	1.2008	56.78	56.78	1.5	ANNUAL	SRCGP7	5
605932.2	4122700	1.14606	56.22	56.22	1.5	ANNUAL	SRCGP7	5
605952.2	4122700	1.12639	56.78	56.78	1.5	ANNUAL	SRCGP7	5
605972.2	4122700	1.0917	57.33	57.33	1.5	ANNUAL	SRCGP7	5
605992.2	4122700	1.06693	57.38	57.38	1.5	ANNUAL	SRCGP7	5
606012.2	4122700	1.04455	57.36	57.36	1.5	ANNUAL	SRCGP7	5
606032.2	4122700	1.01755	57.56	57.56	1.5	ANNUAL	SRCGP7	5
606112.2	4122700	0.91457	58.46	58.46	1.5	ANNUAL	SRCGP7	5
606132.2	4122700	0.88536	58.93	58.93	1.5	ANNUAL	SRCGP7	5
606412.2	4122700	0.59104	59	59	1.5	ANNUAL	SRCGP7	5
606432.2	4122700	0.5746	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606452.2	4122700	0.55811	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606472.2	4122700	0.54231	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606492.2	4122700	0.52841	58.86	58.86	1.5	ANNUAL	SRCGP7	5
606512.2	4122700	0.51238	59.04	59.04	1.5	ANNUAL	SRCGP7	5

606532.2	4122700	0.49658	59.29	59.29	1.5	ANNUAL	SRCGP7	5
606552.2	4122700	0.48692	59.11	59.11	1.5	ANNUAL	SRCGP7	5
606572.2	4122700	0.47925	58.83	58.83	1.5	ANNUAL	SRCGP7	5
606592.2	4122700	0.46554	59.12	59.12	1.5	ANNUAL	SRCGP7	5
606612.2	4122700	0.45454	59.25	59.25	1.5	ANNUAL	SRCGP7	5
606632.2	4122700	0.44554	59.26	59.26	1.5	ANNUAL	SRCGP7	5
606652.2	4122700	0.43648	59.33	59.33	1.5	ANNUAL	SRCGP7	5
606732.2	4122700	0.41405	58.72	58.72	1.5	ANNUAL	SRCGP7	5
606752.2	4122700	0.40785	58.72	58.72	1.5	ANNUAL	SRCGP7	5
606772.2	4122700	0.40232	58.69	58.69	1.5	ANNUAL	SRCGP7	5
606792.2	4122700	0.39611	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606812.2	4122700	0.38974	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606832.2	4122700	0.38352	59.08	59.08	1.5	ANNUAL	SRCGP7	5
606852.2	4122700	0.37862	59.14	59.14	1.5	ANNUAL	SRCGP7	5
606872.2	4122700	0.37594	58.97	58.97	1.5	ANNUAL	SRCGP7	5
605632.2	4122720	1.36276	55.87	55.87	1.5	ANNUAL	SRCGP7	5
605652.2	4122720	1.35856	55.98	55.98	1.5	ANNUAL	SRCGP7	5
605672.2	4122720	1.35222	56.08	56.08	1.5	ANNUAL	SRCGP7	5
605692.2	4122720	1.34764	56.34	56.34	1.5	ANNUAL	SRCGP7	5
605712.2	4122720	1.33314	56.25	56.25	1.5	ANNUAL	SRCGP7	5
605752.2	4122720	1.29936	56.1	56.1	1.5	ANNUAL	SRCGP7	5
605812.2	4122720	1.24961	56.43	56.43	1.5	ANNUAL	SRCGP7	5
605872.2	4122720	1.18267	56.64	56.64	1.5	ANNUAL	SRCGP7	5
605892.2	4122720	1.15922	56.83	56.83	1.5	ANNUAL	SRCGP7	5
605952.2	4122720	1.08902	56.89	56.89	1.5	ANNUAL	SRCGP7	5
605972.2	4122720	1.05517	57.38	57.38	1.5	ANNUAL	SRCGP7	5
605992.2	4122720	1.03341	57.37	57.37	1.5	ANNUAL	SRCGP7	5
606112.2	4122720	0.89061	58.4	58.4	1.5	ANNUAL	SRCGP7	5
606132.2	4122720	0.8598	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606152.2	4122720	0.84067	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606172.2	4122720	0.82239	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606192.2	4122720	0.80646	58.65	58.65	1.5	ANNUAL	SRCGP7	5
606212.2	4122720	0.78531	58.68	58.68	1.5	ANNUAL	SRCGP7	5
606232.2	4122720	0.76264	58.79	58.79	1.5	ANNUAL	SRCGP7	5
606252.2	4122720	0.73833	59	59	1.5	ANNUAL	SRCGP7	5
606272.2	4122720	0.71601	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606292.2	4122720	0.69643	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606312.2	4122720	0.67675	58.95	58.95	1.5	ANNUAL	SRCGP7	5
606352.2	4122720	0.6387	58.82	58.82	1.5	ANNUAL	SRCGP7	5
606372.2	4122720	0.62054	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606412.2	4122720	0.58057	59.02	59.02	1.5	ANNUAL	SRCGP7	5
606432.2	4122720	0.56464	58.95	58.95	1.5	ANNUAL	SRCGP7	5
606452.2	4122720	0.54915	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606472.2	4122720	0.53362	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606492.2	4122720	0.52234	58.71	58.71	1.5	ANNUAL	SRCGP7	5
606512.2	4122720	0.50632	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606532.2	4122720	0.49123	59.14	59.14	1.5	ANNUAL	SRCGP7	5
606552.2	4122720	0.4813	59	59	1.5	ANNUAL	SRCGP7	5
606572.2	4122720	0.4699	59.05	59.05	1.5	ANNUAL	SRCGP7	5
606592.2	4122720	0.45981	59.05	59.05	1.5	ANNUAL	SRCGP7	5
606612.2	4122720	0.44984	59.1	59.1	1.5	ANNUAL	SRCGP7	5
606632.2	4122720	0.44211	59	59	1.5	ANNUAL	SRCGP7	5
606652.2	4122720	0.43509	58.88	58.88	1.5	ANNUAL	SRCGP7	5
606732.2	4122720	0.40786	58.73	58.73	1.5	ANNUAL	SRCGP7	5
606752.2	4122720	0.40147	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606772.2	4122720	0.39582	58.73	58.73	1.5	ANNUAL	SRCGP7	5
606792.2	4122720	0.38878	58.9	58.9	1.5	ANNUAL	SRCGP7	5
606812.2	4122720	0.38244	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606832.2	4122720	0.37776	59.03	59.03	1.5	ANNUAL	SRCGP7	5
606852.2	4122720	0.37346	59.01	59.01	1.5	ANNUAL	SRCGP7	5
607032.2	4122720	0.34247	59.05	59.05	1.5	ANNUAL	SRCGP7	5
605632.2	4122740	1.31208	55.37	55.37	1.5	ANNUAL	SRCGP7	5
605652.2	4122740	1.3061	55.45	55.45	1.5	ANNUAL	SRCGP7	5

605672.2	4122740	1.30442	55.81	55.81	1.5	ANNUAL	SRCGP7	5
605692.2	4122740	1.29866	56.06	56.06	1.5	ANNUAL	SRCGP7	5
605712.2	4122740	1.28881	56.2	56.2	1.5	ANNUAL	SRCGP7	5
605752.2	4122740	1.25415	56.02	56.02	1.5	ANNUAL	SRCGP7	5
605812.2	4122740	1.20679	56.51	56.51	1.5	ANNUAL	SRCGP7	5
605872.2	4122740	1.14215	56.71	56.71	1.5	ANNUAL	SRCGP7	5
605892.2	4122740	1.11985	56.86	56.86	1.5	ANNUAL	SRCGP7	5
605952.2	4122740	1.05367	56.87	56.87	1.5	ANNUAL	SRCGP7	5
605972.2	4122740	1.02364	57.3	57.3	1.5	ANNUAL	SRCGP7	5
605992.2	4122740	1.00231	57.33	57.33	1.5	ANNUAL	SRCGP7	5
606112.2	4122740	0.86689	58.38	58.38	1.5	ANNUAL	SRCGP7	5
606132.2	4122740	0.8388	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606152.2	4122740	0.81843	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606172.2	4122740	0.8002	58.99	58.99	1.5	ANNUAL	SRCGP7	5
606192.2	4122740	0.78402	58.79	58.79	1.5	ANNUAL	SRCGP7	5
606212.2	4122740	0.76356	58.84	58.84	1.5	ANNUAL	SRCGP7	5
606232.2	4122740	0.7443	58.8	58.8	1.5	ANNUAL	SRCGP7	5
606252.2	4122740	0.72215	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606272.2	4122740	0.70277	58.9	58.9	1.5	ANNUAL	SRCGP7	5
606292.2	4122740	0.6823	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606312.2	4122740	0.66338	58.89	58.89	1.5	ANNUAL	SRCGP7	5
606352.2	4122740	0.62705	58.76	58.76	1.5	ANNUAL	SRCGP7	5
606392.2	4122740	0.595	58.47	58.47	1.5	ANNUAL	SRCGP7	5
606412.2	4122740	0.57155	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606432.2	4122740	0.55675	58.83	58.83	1.5	ANNUAL	SRCGP7	5
606452.2	4122740	0.54026	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606472.2	4122740	0.52715	58.79	58.79	1.5	ANNUAL	SRCGP7	5
606492.2	4122740	0.51421	58.72	58.72	1.5	ANNUAL	SRCGP7	5
606512.2	4122740	0.49618	59.14	59.14	1.5	ANNUAL	SRCGP7	5
606532.2	4122740	0.48607	58.97	58.97	1.5	ANNUAL	SRCGP7	5
606552.2	4122740	0.47438	59	59	1.5	ANNUAL	SRCGP7	5
606572.2	4122740	0.46202	59.16	59.16	1.5	ANNUAL	SRCGP7	5
606592.2	4122740	0.45688	58.73	58.73	1.5	ANNUAL	SRCGP7	5
606612.2	4122740	0.44525	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606632.2	4122740	0.43612	58.98	58.98	1.5	ANNUAL	SRCGP7	5
606732.2	4122740	0.4007	58.86	58.86	1.5	ANNUAL	SRCGP7	5
606752.2	4122740	0.39462	58.85	58.85	1.5	ANNUAL	SRCGP7	5
606772.2	4122740	0.38917	58.81	58.81	1.5	ANNUAL	SRCGP7	5
606792.2	4122740	0.38226	58.97	58.97	1.5	ANNUAL	SRCGP7	5
606812.2	4122740	0.37713	58.97	58.97	1.5	ANNUAL	SRCGP7	5
606832.2	4122740	0.37306	58.88	58.88	1.5	ANNUAL	SRCGP7	5
606952.2	4122740	0.34858	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606972.2	4122740	0.34316	59.33	59.33	1.5	ANNUAL	SRCGP7	5
606992.2	4122740	0.34246	58.99	58.99	1.5	ANNUAL	SRCGP7	5
607012.2	4122740	0.34011	58.9	58.9	1.5	ANNUAL	SRCGP7	5
607032.2	4122740	0.3365	59.01	59.01	1.5	ANNUAL	SRCGP7	5
607052.2	4122740	0.33401	58.96	58.96	1.5	ANNUAL	SRCGP7	5
605632.2	4122760	1.2729	55.34	55.34	1.5	ANNUAL	SRCGP7	5
605652.2	4122760	1.26178	55.21	55.21	1.5	ANNUAL	SRCGP7	5
605672.2	4122760	1.25948	55.59	55.59	1.5	ANNUAL	SRCGP7	5
605692.2	4122760	1.25399	55.89	55.89	1.5	ANNUAL	SRCGP7	5
605712.2	4122760	1.24925	56.3	56.3	1.5	ANNUAL	SRCGP7	5
605752.2	4122760	1.2109	55.94	55.94	1.5	ANNUAL	SRCGP7	5
605772.2	4122760	1.19867	56.19	56.19	1.5	ANNUAL	SRCGP7	5
605812.2	4122760	1.16558	56.43	56.43	1.5	ANNUAL	SRCGP7	5
605832.2	4122760	1.14556	56.44	56.44	1.5	ANNUAL	SRCGP7	5
605872.2	4122760	1.10374	56.66	56.66	1.5	ANNUAL	SRCGP7	5
605892.2	4122760	1.08257	56.85	56.85	1.5	ANNUAL	SRCGP7	5
605912.2	4122760	1.06148	56.7	56.7	1.5	ANNUAL	SRCGP7	5
605952.2	4122760	1.0202	56.83	56.83	1.5	ANNUAL	SRCGP7	5
605972.2	4122760	0.99236	57.28	57.28	1.5	ANNUAL	SRCGP7	5
605992.2	4122760	0.97104	57.37	57.37	1.5	ANNUAL	SRCGP7	5
606112.2	4122760	0.84347	58.4	58.4	1.5	ANNUAL	SRCGP7	5

606132.2	4122760	0.8162	58.99	58.99	1.5	ANNUAL	SRCGP7	5
606152.2	4122760	0.79877	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606172.2	4122760	0.78057	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606192.2	4122760	0.76253	58.93	58.93	1.5	ANNUAL	SRCGP7	5
606212.2	4122760	0.74346	58.95	58.95	1.5	ANNUAL	SRCGP7	5
606232.2	4122760	0.7242	58.97	58.97	1.5	ANNUAL	SRCGP7	5
606252.2	4122760	0.70441	59.02	59.02	1.5	ANNUAL	SRCGP7	5
606272.2	4122760	0.6865	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606292.2	4122760	0.66641	59.02	59.02	1.5	ANNUAL	SRCGP7	5
606312.2	4122760	0.65075	58.8	58.8	1.5	ANNUAL	SRCGP7	5
606352.2	4122760	0.61588	58.68	58.68	1.5	ANNUAL	SRCGP7	5
606392.2	4122760	0.58304	58.55	58.55	1.5	ANNUAL	SRCGP7	5
606412.2	4122760	0.56222	58.89	58.89	1.5	ANNUAL	SRCGP7	5
606432.2	4122760	0.54812	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606452.2	4122760	0.53358	58.74	58.74	1.5	ANNUAL	SRCGP7	5
606472.2	4122760	0.51856	58.81	58.81	1.5	ANNUAL	SRCGP7	5
606492.2	4122760	0.50543	58.79	58.79	1.5	ANNUAL	SRCGP7	5
606512.2	4122760	0.48889	59.13	59.13	1.5	ANNUAL	SRCGP7	5
606532.2	4122760	0.47859	59	59	1.5	ANNUAL	SRCGP7	5
606552.2	4122760	0.46654	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606572.2	4122760	0.45826	58.9	58.9	1.5	ANNUAL	SRCGP7	5
606592.2	4122760	0.45135	58.64	58.64	1.5	ANNUAL	SRCGP7	5
606612.2	4122760	0.44003	58.84	58.84	1.5	ANNUAL	SRCGP7	5
606732.2	4122760	0.39504	58.85	58.85	1.5	ANNUAL	SRCGP7	5
606752.2	4122760	0.38926	58.81	58.81	1.5	ANNUAL	SRCGP7	5
606772.2	4122760	0.38344	58.81	58.81	1.5	ANNUAL	SRCGP7	5
606792.2	4122760	0.37708	58.91	58.91	1.5	ANNUAL	SRCGP7	5
606812.2	4122760	0.37242	58.85	58.85	1.5	ANNUAL	SRCGP7	5
606952.2	4122760	0.34236	59.04	59.04	1.5	ANNUAL	SRCGP7	5
606972.2	4122760	0.33847	59.14	59.14	1.5	ANNUAL	SRCGP7	5
606992.2	4122760	0.33608	59.04	59.04	1.5	ANNUAL	SRCGP7	5
607012.2	4122760	0.33293	59.07	59.07	1.5	ANNUAL	SRCGP7	5
607032.2	4122760	0.32964	59.14	59.14	1.5	ANNUAL	SRCGP7	5
607052.2	4122760	0.32511	59.43	59.43	1.5	ANNUAL	SRCGP7	5
605632.2	4122780	1.24528	55.85	55.85	1.5	ANNUAL	SRCGP7	5
605652.2	4122780	1.22842	55.45	55.45	1.5	ANNUAL	SRCGP7	5
605672.2	4122780	1.21941	55.53	55.53	1.5	ANNUAL	SRCGP7	5
605692.2	4122780	1.21602	55.97	55.97	1.5	ANNUAL	SRCGP7	5
605712.2	4122780	1.21024	56.36	56.36	1.5	ANNUAL	SRCGP7	5
605752.2	4122780	1.16897	55.83	55.83	1.5	ANNUAL	SRCGP7	5
605772.2	4122780	1.15986	56.24	56.24	1.5	ANNUAL	SRCGP7	5
605792.2	4122780	1.14332	56.32	56.32	1.5	ANNUAL	SRCGP7	5
605812.2	4122780	1.12444	56.32	56.32	1.5	ANNUAL	SRCGP7	5
605872.2	4122780	1.06731	56.54	56.54	1.5	ANNUAL	SRCGP7	5
605892.2	4122780	1.04724	56.87	56.87	1.5	ANNUAL	SRCGP7	5
605912.2	4122780	1.02732	56.82	56.82	1.5	ANNUAL	SRCGP7	5
605952.2	4122780	0.98847	56.84	56.84	1.5	ANNUAL	SRCGP7	5
605992.2	4122780	0.94117	57.42	57.42	1.5	ANNUAL	SRCGP7	5
606112.2	4122780	0.8191	58.54	58.54	1.5	ANNUAL	SRCGP7	5
606132.2	4122780	0.79633	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606152.2	4122780	0.78027	58.85	58.85	1.5	ANNUAL	SRCGP7	5
606172.2	4122780	0.76314	58.83	58.83	1.5	ANNUAL	SRCGP7	5
606192.2	4122780	0.74353	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606212.2	4122780	0.72602	58.93	58.93	1.5	ANNUAL	SRCGP7	5
606232.2	4122780	0.70747	58.96	58.96	1.5	ANNUAL	SRCGP7	5
606252.2	4122780	0.68855	59.01	59.01	1.5	ANNUAL	SRCGP7	5
606272.2	4122780	0.67159	58.92	58.92	1.5	ANNUAL	SRCGP7	5
606292.2	4122780	0.6547	58.83	58.83	1.5	ANNUAL	SRCGP7	5
606312.2	4122780	0.63717	58.8	58.8	1.5	ANNUAL	SRCGP7	5
606352.2	4122780	0.60292	58.75	58.75	1.5	ANNUAL	SRCGP7	5
606372.2	4122780	0.58794	58.61	58.61	1.5	ANNUAL	SRCGP7	5
606392.2	4122780	0.5711	58.65	58.65	1.5	ANNUAL	SRCGP7	5
606412.2	4122780	0.55513	58.67	58.67	1.5	ANNUAL	SRCGP7	5

606432.2	4122780	0.53981	58.69	58.69	1.5	ANNUAL	SRCGP7	5
606452.2	4122780	0.52505	58.72	58.72	1.5	ANNUAL	SRCGP7	5
606472.2	4122780	0.51042	58.8	58.8	1.5	ANNUAL	SRCGP7	5
606492.2	4122780	0.49771	58.78	58.78	1.5	ANNUAL	SRCGP7	5
606512.2	4122780	0.4831	58.99	58.99	1.5	ANNUAL	SRCGP7	5
606532.2	4122780	0.47295	58.87	58.87	1.5	ANNUAL	SRCGP7	5
606552.2	4122780	0.46247	58.84	58.84	1.5	ANNUAL	SRCGP7	5
606572.2	4122780	0.45166	58.9	58.9	1.5	ANNUAL	SRCGP7	5
606592.2	4122780	0.44255	58.86	58.86	1.5	ANNUAL	SRCGP7	5
606852.2	4122780	0.35298	59.42	59.42	1.5	ANNUAL	SRCGP7	5
606872.2	4122780	0.34614	59.78	59.78	1.5	ANNUAL	SRCGP7	5
606892.2	4122780	0.34151	59.88	59.88	1.5	ANNUAL	SRCGP7	5
606912.2	4122780	0.34101	59.41	59.41	1.5	ANNUAL	SRCGP7	5
606932.2	4122780	0.33918	59.16	59.16	1.5	ANNUAL	SRCGP7	5
606952.2	4122780	0.33598	59.13	59.13	1.5	ANNUAL	SRCGP7	5
606972.2	4122780	0.33203	59.24	59.24	1.5	ANNUAL	SRCGP7	5
606992.2	4122780	0.32827	59.35	59.35	1.5	ANNUAL	SRCGP7	5
607012.2	4122780	0.32474	59.45	59.45	1.5	ANNUAL	SRCGP7	5
607032.2	4122780	0.32141	59.54	59.54	1.5	ANNUAL	SRCGP7	5
607052.2	4122780	0.31838	59.6	59.6	1.5	ANNUAL	SRCGP7	5
605632.2	4122800	1.21	55.94	55.94	1.5	ANNUAL	SRCGP7	5
605652.2	4122800	1.19637	55.72	55.72	1.5	ANNUAL	SRCGP7	5
605672.2	4122800	1.18018	55.44	55.44	1.5	ANNUAL	SRCGP7	5
605692.2	4122800	1.17743	55.95	55.95	1.5	ANNUAL	SRCGP7	5
605712.2	4122800	1.16928	56.24	56.24	1.5	ANNUAL	SRCGP7	5
605732.2	4122800	1.153	56.16	56.16	1.5	ANNUAL	SRCGP7	5
605772.2	4122800	1.12013	56.15	56.15	1.5	ANNUAL	SRCGP7	5
605872.2	4122800	1.03276	56.54	56.54	1.5	ANNUAL	SRCGP7	5
605892.2	4122800	1.01374	56.82	56.82	1.5	ANNUAL	SRCGP7	5
605912.2	4122800	0.99493	56.89	56.89	1.5	ANNUAL	SRCGP7	5
605952.2	4122800	0.95837	56.89	56.89	1.5	ANNUAL	SRCGP7	5
605992.2	4122800	0.91455	57.38	57.38	1.5	ANNUAL	SRCGP7	5
606032.2	4122800	0.87943	57.49	57.49	1.5	ANNUAL	SRCGP7	5
606112.2	4122800	0.79824	58.52	58.52	1.5	ANNUAL	SRCGP7	5
606352.2	4122800	0.59337	58.58	58.58	1.5	ANNUAL	SRCGP7	5
606372.2	4122800	0.5798	58.38	58.38	1.5	ANNUAL	SRCGP7	5
606392.2	4122800	0.56145	58.59	58.59	1.5	ANNUAL	SRCGP7	5
606412.2	4122800	0.54536	58.67	58.67	1.5	ANNUAL	SRCGP7	5
606432.2	4122800	0.53086	58.67	58.67	1.5	ANNUAL	SRCGP7	5
606452.2	4122800	0.51686	58.68	58.68	1.5	ANNUAL	SRCGP7	5
606472.2	4122800	0.5026	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606492.2	4122800	0.49096	58.69	58.69	1.5	ANNUAL	SRCGP7	5
606512.2	4122800	0.47633	58.94	58.94	1.5	ANNUAL	SRCGP7	5
606532.2	4122800	0.46688	58.78	58.78	1.5	ANNUAL	SRCGP7	5
606552.2	4122800	0.45643	58.77	58.77	1.5	ANNUAL	SRCGP7	5
606572.2	4122800	0.44638	58.78	58.78	1.5	ANNUAL	SRCGP7	5
606672.2	4122800	0.39724	59.6	59.6	1.5	ANNUAL	SRCGP7	5
606692.2	4122800	0.38951	59.7	59.7	1.5	ANNUAL	SRCGP7	5
606712.2	4122800	0.38348	59.64	59.64	1.5	ANNUAL	SRCGP7	5
606732.2	4122800	0.37776	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606752.2	4122800	0.3737	59.35	59.35	1.5	ANNUAL	SRCGP7	5
606852.2	4122800	0.34469	59.84	59.84	1.5	ANNUAL	SRCGP7	5
606872.2	4122800	0.34013	59.89	59.89	1.5	ANNUAL	SRCGP7	5
606892.2	4122800	0.33675	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606912.2	4122800	0.33601	59.35	59.35	1.5	ANNUAL	SRCGP7	5
606932.2	4122800	0.33301	59.26	59.26	1.5	ANNUAL	SRCGP7	5
606952.2	4122800	0.32901	59.35	59.35	1.5	ANNUAL	SRCGP7	5
606972.2	4122800	0.32579	59.35	59.35	1.5	ANNUAL	SRCGP7	5
606992.2	4122800	0.32192	59.48	59.48	1.5	ANNUAL	SRCGP7	5
607012.2	4122800	0.3183	59.6	59.6	1.5	ANNUAL	SRCGP7	5
607032.2	4122800	0.31484	59.72	59.72	1.5	ANNUAL	SRCGP7	5
607052.2	4122800	0.31157	59.83	59.83	1.5	ANNUAL	SRCGP7	5
605632.2	4122820	1.17532	56.01	56.01	1.5	ANNUAL	SRCGP7	5

605652.2	4122820	1.16396	55.93	55.93	1.5	ANNUAL	SRCGP7	5
605672.2	4122820	1.14436	55.46	55.46	1.5	ANNUAL	SRCGP7	5
605692.2	4122820	1.13921	55.87	55.87	1.5	ANNUAL	SRCGP7	5
605712.2	4122820	1.13005	56.12	56.12	1.5	ANNUAL	SRCGP7	5
605732.2	4122820	1.11822	56.28	56.28	1.5	ANNUAL	SRCGP7	5
605832.2	4122820	1.03197	56.19	56.19	1.5	ANNUAL	SRCGP7	5
605852.2	4122820	1.0181	56.45	56.45	1.5	ANNUAL	SRCGP7	5
605872.2	4122820	0.99996	56.68	56.68	1.5	ANNUAL	SRCGP7	5
605892.2	4122820	0.98196	56.85	56.85	1.5	ANNUAL	SRCGP7	5
605912.2	4122820	0.96421	56.78	56.78	1.5	ANNUAL	SRCGP7	5
605952.2	4122820	0.92978	56.78	56.78	1.5	ANNUAL	SRCGP7	5
606672.2	4122820	0.38807	60.05	60.05	1.5	ANNUAL	SRCGP7	5
606692.2	4122820	0.38136	60.05	60.05	1.5	ANNUAL	SRCGP7	5
606712.2	4122820	0.37498	60.05	60.05	1.5	ANNUAL	SRCGP7	5
606732.2	4122820	0.36898	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606752.2	4122820	0.3653	59.76	59.76	1.5	ANNUAL	SRCGP7	5
606852.2	4122820	0.33984	59.81	59.81	1.5	ANNUAL	SRCGP7	5
606872.2	4122820	0.3366	59.66	59.66	1.5	ANNUAL	SRCGP7	5
606892.2	4122820	0.3335	59.52	59.52	1.5	ANNUAL	SRCGP7	5
606912.2	4122820	0.33154	59.24	59.24	1.5	ANNUAL	SRCGP7	5
606932.2	4122820	0.32835	59.17	59.17	1.5	ANNUAL	SRCGP7	5
606952.2	4122820	0.32228	59.58	59.58	1.5	ANNUAL	SRCGP7	5
606972.2	4122820	0.31955	59.5	59.5	1.5	ANNUAL	SRCGP7	5
606992.2	4122820	0.31583	59.61	59.61	1.5	ANNUAL	SRCGP7	5
607012.2	4122820	0.31224	59.73	59.73	1.5	ANNUAL	SRCGP7	5
607032.2	4122820	0.30886	59.84	59.84	1.5	ANNUAL	SRCGP7	5
607052.2	4122820	0.30563	59.95	59.95	1.5	ANNUAL	SRCGP7	5
605632.2	4122840	1.14096	56.04	56.04	1.5	ANNUAL	SRCGP7	5
605652.2	4122840	1.13037	56.02	56.02	1.5	ANNUAL	SRCGP7	5
605672.2	4122840	1.11199	55.61	55.61	1.5	ANNUAL	SRCGP7	5
605692.2	4122840	1.09827	55.54	55.54	1.5	ANNUAL	SRCGP7	5
605712.2	4122840	1.09302	56.03	56.03	1.5	ANNUAL	SRCGP7	5
605792.2	4122840	1.02989	55.98	55.98	1.5	ANNUAL	SRCGP7	5
605812.2	4122840	1.01921	56.36	56.36	1.5	ANNUAL	SRCGP7	5
605832.2	4122840	1.00332	56.44	56.44	1.5	ANNUAL	SRCGP7	5
605852.2	4122840	0.98604	56.61	56.61	1.5	ANNUAL	SRCGP7	5
605872.2	4122840	0.96882	56.67	56.67	1.5	ANNUAL	SRCGP7	5
605892.2	4122840	0.95178	56.62	56.62	1.5	ANNUAL	SRCGP7	5
605912.2	4122840	0.93503	56.64	56.64	1.5	ANNUAL	SRCGP7	5
606092.2	4122840	0.78113	57.96	57.96	1.5	ANNUAL	SRCGP7	5
606112.2	4122840	0.77171	57.62	57.62	1.5	ANNUAL	SRCGP7	5
606192.2	4122840	0.70635	57.89	57.89	1.5	ANNUAL	SRCGP7	5
606212.2	4122840	0.68648	58.17	58.17	1.5	ANNUAL	SRCGP7	5
606252.2	4122840	0.65171	58.37	58.37	1.5	ANNUAL	SRCGP7	5
606272.2	4122840	0.63476	58.44	58.44	1.5	ANNUAL	SRCGP7	5
606292.2	4122840	0.61908	58.42	58.42	1.5	ANNUAL	SRCGP7	5
606312.2	4122840	0.60329	58.42	58.42	1.5	ANNUAL	SRCGP7	5
606332.2	4122840	0.58938	58.29	58.29	1.5	ANNUAL	SRCGP7	5
606352.2	4122840	0.57337	58.35	58.35	1.5	ANNUAL	SRCGP7	5
606372.2	4122840	0.56021	58.21	58.21	1.5	ANNUAL	SRCGP7	5
606392.2	4122840	0.54498	58.27	58.27	1.5	ANNUAL	SRCGP7	5
606412.2	4122840	0.52966	58.38	58.38	1.5	ANNUAL	SRCGP7	5
606432.2	4122840	0.51491	58.49	58.49	1.5	ANNUAL	SRCGP7	5
606452.2	4122840	0.50209	58.48	58.48	1.5	ANNUAL	SRCGP7	5
606672.2	4122840	0.38285	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606692.2	4122840	0.37624	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606712.2	4122840	0.36995	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606732.2	4122840	0.36395	60.04	60.04	1.5	ANNUAL	SRCGP7	5
606752.2	4122840	0.36132	59.62	59.62	1.5	ANNUAL	SRCGP7	5
606852.2	4122840	0.33548	59.73	59.73	1.5	ANNUAL	SRCGP7	5
606872.2	4122840	0.33355	59.38	59.38	1.5	ANNUAL	SRCGP7	5
606892.2	4122840	0.33039	59.24	59.24	1.5	ANNUAL	SRCGP7	5
606912.2	4122840	0.32742	59.1	59.1	1.5	ANNUAL	SRCGP7	5

606932.2	4122840	0.32392	59.07	59.07	1.5	ANNUAL	SRCGP7	5
606952.2	4122840	0.31626	59.74	59.74	1.5	ANNUAL	SRCGP7	5
606972.2	4122840	0.31333	59.69	59.69	1.5	ANNUAL	SRCGP7	5
606992.2	4122840	0.30998	59.74	59.74	1.5	ANNUAL	SRCGP7	5
607012.2	4122840	0.30641	59.86	59.86	1.5	ANNUAL	SRCGP7	5
607032.2	4122840	0.30306	59.97	59.97	1.5	ANNUAL	SRCGP7	5
607052.2	4122840	0.30028	60	60	1.5	ANNUAL	SRCGP7	5
606158.5	4121900	1.21359	57.39	313.5	1.5	ANNUAL	SRCGP7	5
606169	4121883	1.10352	57.41	313.5	1.5	ANNUAL	SRCGP7	5
606132.1	4121801	0.62989	57.52	313.5	1.5	ANNUAL	SRCGP7	5
606385	4122113	0.92307	61.43	61.43	1.5	ANNUAL	SRCGP7	5
606405	4122113	0.85979	61.72	61.72	1.5	ANNUAL	SRCGP7	5
606425	4122113	0.81246	61.52	61.52	1.5	ANNUAL	SRCGP7	5
606445	4122113	0.7743	60.48	60.48	1.5	ANNUAL	SRCGP7	5
606465	4122113	0.75443	59.09	59.09	1.5	ANNUAL	SRCGP7	5
606385	4122133	0.89094	61.8	61.8	1.5	ANNUAL	SRCGP7	5
606405	4122133	0.82238	61.32	61.32	1.5	ANNUAL	SRCGP7	5
606425	4122133	0.7765	60.86	60.86	1.5	ANNUAL	SRCGP7	5
606445	4122133	0.74605	60.28	60.28	1.5	ANNUAL	SRCGP7	5
606465	4122133	0.72906	59.15	59.15	1.5	ANNUAL	SRCGP7	5
606385	4122153	0.85412	60.69	61.52	1.5	ANNUAL	SRCGP7	5
606405	4122153	0.79388	60.54	60.54	1.5	ANNUAL	SRCGP7	5
606425	4122153	0.75227	60.21	60.21	1.5	ANNUAL	SRCGP7	5
606445	4122153	0.72545	59.8	59.8	1.5	ANNUAL	SRCGP7	5
606465	4122153	0.71031	59.25	59.25	1.5	ANNUAL	SRCGP7	5
606385	4122173	0.84146	57.94	61.91	1.5	ANNUAL	SRCGP7	5
606405	4122173	0.77994	58.59	60.32	1.5	ANNUAL	SRCGP7	5
606425	4122173	0.74067	58.64	58.64	1.5	ANNUAL	SRCGP7	5
606445	4122173	0.71948	57.99	59.8	1.5	ANNUAL	SRCGP7	5
606465	4122173	0.70356	58.06	59.47	1.5	ANNUAL	SRCGP7	5
606385	4122193	0.83968	57.29	57.29	1.5	ANNUAL	SRCGP7	5
606405	4122193	0.78491	57.3	57.3	1.5	ANNUAL	SRCGP7	5
606425	4122193	0.74509	57.36	57.36	1.5	ANNUAL	SRCGP7	5
606445	4122193	0.72387	57.02	57.02	1.5	ANNUAL	SRCGP7	5
606465	4122193	0.70142	57.48	58.37	1.5	ANNUAL	SRCGP7	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP8
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.23084	56.12	313.5	1.5	ANNUAL	SRCGP8	5	
605652.2	4121420	0.2334	56.27	313.5	1.5	ANNUAL	SRCGP8	5	
605672.2	4121420	0.23238	55.57	313.5	1.5	ANNUAL	SRCGP8	5	
605692.2	4121420	0.23584	55.91	313.5	1.5	ANNUAL	SRCGP8	5	
605712.2	4121420	0.23965	56.29	313.5	1.5	ANNUAL	SRCGP8	5	
605732.2	4121420	0.24266	56.54	313.5	1.5	ANNUAL	SRCGP8	5	
605752.2	4121420	0.24499	56.56	313.5	1.5	ANNUAL	SRCGP8	5	
605772.2	4121420	0.24744	56.68	313.5	1.5	ANNUAL	SRCGP8	5	
605792.2	4121420	0.25004	56.74	313.5	1.5	ANNUAL	SRCGP8	5	
605812.2	4121420	0.25281	56.85	313.5	1.5	ANNUAL	SRCGP8	5	
605832.2	4121420	0.25579	56.94	313.5	1.5	ANNUAL	SRCGP8	5	
605852.2	4121420	0.25885	56.97	313.5	1.5	ANNUAL	SRCGP8	5	
605872.2	4121420	0.26204	56.99	313.5	1.5	ANNUAL	SRCGP8	5	
605892.2	4121420	0.26152	57.31	313.5	1.5	ANNUAL	SRCGP8	5	
605912.2	4121420	0.26631	57.25	313.5	1.5	ANNUAL	SRCGP8	5	
605932.2	4121420	0.26978	57.32	313.5	1.5	ANNUAL	SRCGP8	5	
605952.2	4121420	0.27365	57.39	313.5	1.5	ANNUAL	SRCGP8	5	
605972.2	4121420	0.27876	57.4	313.5	1.5	ANNUAL	SRCGP8	5	
605992.2	4121420	0.28263	57.54	313.5	1.5	ANNUAL	SRCGP8	5	
606012.2	4121420	0.28741	57.65	313.5	1.5	ANNUAL	SRCGP8	5	
606032.2	4121420	0.29437	57.64	313.5	1.5	ANNUAL	SRCGP8	5	
606052.2	4121420	0.30143	57.67	313.5	1.5	ANNUAL	SRCGP8	5	
606072.2	4121420	0.30919	57.7	313.5	1.5	ANNUAL	SRCGP8	5	
606092.2	4121420	0.31996	57.58	313.5	1.5	ANNUAL	SRCGP8	5	
606112.2	4121420	0.33459	57.29	313.5	1.5	ANNUAL	SRCGP8	5	
606132.2	4121420	0.34008	57.65	313.5	1.5	ANNUAL	SRCGP8	5	
606152.2	4121420	0.35083	57.77	313.5	1.5	ANNUAL	SRCGP8	5	
606172.2	4121420	0.36369	57.87	313.5	1.5	ANNUAL	SRCGP8	5	
606192.2	4121420	0.37994	57.9	313.5	1.5	ANNUAL	SRCGP8	5	
606212.2	4121420	0.40006	57.87	313.5	1.5	ANNUAL	SRCGP8	5	
606232.2	4121420	0.42228	57.92	313.5	1.5	ANNUAL	SRCGP8	5	
606252.2	4121420	0.44869	57.96	313.5	1.5	ANNUAL	SRCGP8	5	
606272.2	4121420	0.4793	58.02	313.5	1.5	ANNUAL	SRCGP8	5	
606292.2	4121420	0.51459	58.1	313.5	1.5	ANNUAL	SRCGP8	5	
606312.2	4121420	0.55533	58.18	313.5	1.5	ANNUAL	SRCGP8	5	
606332.2	4121420	0.60488	58.12	313.5	1.5	ANNUAL	SRCGP8	5	
606352.2	4121420	0.65939	58.13	313.5	1.5	ANNUAL	SRCGP8	5	
606372.2	4121420	0.719	58.21	313.5	1.5	ANNUAL	SRCGP8	5	
606392.2	4121420	0.78854	58.18	313.5	1.5	ANNUAL	SRCGP8	5	
606412.2	4121420	0.86337	58.25	313.5	1.5	ANNUAL	SRCGP8	5	
606432.2	4121420	0.94125	58.51	313.5	1.5	ANNUAL	SRCGP8	5	
606452.2	4121420	1.04457	58.21	313.5	1.5	ANNUAL	SRCGP8	5	
606472.2	4121420	1.15833	57.94	313.5	1.5	ANNUAL	SRCGP8	5	
606492.2	4121420	1.2697	58.01	313.5	1.5	ANNUAL	SRCGP8	5	
606512.2	4121420	1.37739	58.38	313.5	1.5	ANNUAL	SRCGP8	5	
606532.2	4121420	1.49781	58.56	313.5	1.5	ANNUAL	SRCGP8	5	
606552.2	4121420	1.63873	58.28	313.5	1.5	ANNUAL	SRCGP8	5	
606572.2	4121420	1.77461	58.14	313.5	1.5	ANNUAL	SRCGP8	5	
606592.2	4121420	1.8819	58.6	313.5	1.5	ANNUAL	SRCGP8	5	
606612.2	4121420	1.99742	58.68	313.5	1.5	ANNUAL	SRCGP8	5	
606632.2	4121420	2.10489	58.71	313.5	1.5	ANNUAL	SRCGP8	5	
606652.2	4121420	2.20105	58.72	313.5	1.5	ANNUAL	SRCGP8	5	
606672.2	4121420	2.28068	58.81	313.5	1.5	ANNUAL	SRCGP8	5	
606692.2	4121420	2.34807	58.86	313.5	1.5	ANNUAL	SRCGP8	5	
606712.2	4121420	2.40143	58.92	313.5	1.5	ANNUAL	SRCGP8	5	

606732.2	4121420	2.44262	58.96	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121420	2.4691	59.07	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121420	2.48559	59.16	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121420	2.49214	59.26	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121420	2.48736	59.44	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121420	2.48109	59.46	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121420	2.46479	59.58	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121420	2.44861	59.53	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121420	2.42295	59.61	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121420	2.392	59.72	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121420	2.36231	59.66	313.5	1.5	ANNUAL	SRCGP8	5
606952.2	4121420	2.34113	59.18	313.5	1.5	ANNUAL	SRCGP8	5
606972.2	4121420	2.28999	59.62	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121420	2.24253	59.87	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121420	2.19946	59.87	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121420	2.16603	59.37	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121420	2.11608	59.49	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121440	0.23754	56.05	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121440	0.23984	56.13	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121440	0.23847	55.38	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121440	0.24368	56.09	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121440	0.24735	56.42	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121440	0.24975	56.49	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121440	0.25205	56.49	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121440	0.25445	56.63	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121440	0.257	56.78	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121440	0.2597	56.87	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121440	0.26258	56.94	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121440	0.26555	56.97	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121440	0.26821	57.02	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121440	0.27002	57.15	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121440	0.27298	57.22	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121440	0.27604	57.31	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121440	0.28033	57.34	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121440	0.28509	57.37	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121440	0.28911	57.49	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121440	0.29382	57.6	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121440	0.30024	57.63	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121440	0.30704	57.68	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121440	0.31415	57.76	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121440	0.32717	57.5	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121440	0.34144	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121440	0.3476	57.57	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121440	0.35742	57.76	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121440	0.37159	57.79	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121440	0.38807	57.82	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121440	0.4068	57.9	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121440	0.43134	57.84	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121440	0.45783	57.95	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121440	0.48893	58.09	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121440	0.52819	58.08	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121440	0.57314	58.11	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121440	0.62262	58.26	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4121440	0.68003	58.36	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121440	0.74465	58.47	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121440	0.81894	58.51	313.5	1.5	ANNUAL	SRCGP8	5
606412.2	4121440	0.90352	58.5	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121440	0.99957	58.44	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121440	1.12135	57.94	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121440	1.23382	58.07	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121440	1.35469	58.23	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121440	1.49939	58	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121440	1.64465	57.91	313.5	1.5	ANNUAL	SRCGP8	5

606552.2	4121440	1.786	57.95	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121440	1.91261	58.26	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121440	2.04035	58.41	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121440	2.16005	58.52	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121440	2.26669	58.64	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121440	2.35884	58.76	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121440	2.43772	58.83	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121440	2.49946	58.94	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121440	2.54931	58.98	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121440	2.58619	59	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121440	2.60844	59.07	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121440	2.62158	59.09	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121440	2.62479	59.11	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121440	2.61848	59.15	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121440	2.60297	59.23	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121440	2.58195	59.28	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121440	2.55434	59.35	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121440	2.52263	59.39	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121440	2.48539	59.46	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121440	2.44334	59.56	313.5	1.5	ANNUAL	SRCGP8	5
606952.2	4121440	2.41395	59.12	313.5	1.5	ANNUAL	SRCGP8	5
606972.2	4121440	2.35106	59.72	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121440	2.30065	59.82	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121440	2.25055	59.83	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121440	2.20428	59.6	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121440	2.15843	59.27	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121460	0.24527	56.11	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121460	0.24629	55.9	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121460	0.24593	55.4	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121460	0.25152	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121460	0.25518	56.46	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121460	0.257	56.39	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121460	0.25655	55.88	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121460	0.25926	55.96	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121460	0.26261	56.13	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121460	0.26559	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121460	0.269	56.31	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121460	0.2726	56.41	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121460	0.27617	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121460	0.27972	56.58	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121460	0.2836	56.68	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121460	0.28788	56.82	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121460	0.2926	56.86	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121460	0.29699	57.01	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121460	0.3024	57.03	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121460	0.30641	57.17	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121460	0.3114	57.29	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121460	0.31805	57.35	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121460	0.32806	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121460	0.33881	57.14	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121460	0.3475	57.2	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121460	0.35844	57.18	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121460	0.37018	57.21	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121460	0.38346	57.28	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121460	0.39943	57.35	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121460	0.41975	57.35	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121460	0.44388	57.38	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121460	0.47231	57.46	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121460	0.50638	57.55	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121460	0.54732	57.62	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121460	0.59534	57.7	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121460	0.64916	57.89	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4121460	0.7126	58	313.5	1.5	ANNUAL	SRCGP8	5

606372.2	4121460	0.78398	58.15	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121460	0.86786	58.16	313.5	1.5	ANNUAL	SRCGP8	5
606412.2	4121460	0.96194	58.19	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121460	1.07079	58.11	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121460	1.19853	57.85	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121460	1.31306	58.35	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121460	1.45024	58.47	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121460	1.6045	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121460	1.76792	58.19	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121460	1.93374	57.99	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121460	2.09131	57.88	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121460	2.23149	57.93	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121460	2.35449	58.06	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121460	2.45992	58.23	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121460	2.54943	58.38	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121460	2.62157	58.53	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121460	2.67906	58.63	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121460	2.72337	58.67	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121460	2.75442	58.68	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121460	2.77275	58.68	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121460	2.77936	58.68	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121460	2.77472	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121460	2.35334	59.77	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121460	2.29735	59.72	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121460	2.24082	59.63	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121460	2.19203	59.14	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121480	0.25403	56.28	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121480	0.25282	55.6	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121480	0.25505	55.65	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121480	0.25997	56.22	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121480	0.26337	56.48	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121480	0.26381	56.14	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121480	0.26369	55.72	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121480	0.26795	56.08	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121480	0.27073	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121480	0.27354	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121480	0.2762	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121480	0.27932	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121480	0.28295	56.32	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121480	0.28675	56.38	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121480	0.29083	56.43	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121480	0.29517	56.51	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121480	0.29972	56.52	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121480	0.30478	56.66	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121480	0.31038	56.66	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121480	0.31658	56.69	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121480	0.32333	56.84	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121480	0.32876	57.06	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121480	0.33265	57.31	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121480	0.34104	57.3	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121480	0.35107	57.23	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121480	0.35977	57.37	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121480	0.37191	57.37	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121480	0.38599	57.39	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121480	0.40274	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121480	0.42442	57.35	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121480	0.44918	57.39	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121480	0.47932	57.44	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121480	0.51552	57.52	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121480	0.55993	57.55	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121480	0.61166	57.64	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121480	0.67177	57.76	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4121480	0.74158	57.87	313.5	1.5	ANNUAL	SRCGP8	5

606372.2	4121480	0.81992	58.06	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121480	0.9127	58.09	313.5	1.5	ANNUAL	SRCGP8	5
606412.2	4121480	1.02402	57.89	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121480	1.14932	57.73	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121480	1.27909	57.9	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121480	1.41975	58.14	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121480	1.57065	58.4	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121480	1.73501	58.5	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121480	1.90725	58.49	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121480	2.0828	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121480	2.24682	58.34	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121480	2.39522	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121480	2.53131	58.32	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121480	2.64869	58.27	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121480	2.74471	58.25	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121480	2.81891	58.27	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121480	2.87331	58.31	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121480	2.90998	58.36	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121480	2.92857	58.46	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121480	2.93205	58.59	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121480	2.92559	58.68	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121480	2.90912	58.76	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121480	2.396	59.83	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121480	2.34143	59.41	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121480	2.27991	59.21	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121480	2.21489	59.13	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121500	0.2616	56.09	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121500	0.2607	55.49	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121500	0.26548	56.02	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121500	0.26943	56.36	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121500	0.27194	56.42	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121500	0.26993	55.68	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121500	0.27509	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121500	0.27894	56.64	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121500	0.28133	56.7	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121500	0.28383	56.83	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121500	0.28647	56.85	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121500	0.28928	56.86	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121500	0.2923	56.96	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121500	0.29367	57.08	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121500	0.29705	57.09	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121500	0.29951	57.18	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121500	0.30462	57.13	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121500	0.30778	57.23	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121500	0.31342	57.21	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121500	0.3233	56.92	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121500	0.32847	56.99	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121500	0.32598	57.64	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121500	0.33092	57.83	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121500	0.34304	57.47	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121500	0.35434	57.27	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121500	0.36152	57.55	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121500	0.37047	57.84	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121500	0.38659	57.68	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121500	0.40272	57.78	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121500	0.42385	57.77	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121500	0.44945	57.79	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121500	0.47977	57.91	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121500	0.51746	58.01	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121500	0.5645	58.03	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121500	0.61901	58.18	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121500	0.68548	58.21	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4121500	0.7622	58.29	313.5	1.5	ANNUAL	SRCGP8	5

606372.2	4121500	0.84944	58.44	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121500	0.95274	58.43	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121500	1.22252	57.81	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121500	1.38109	57.65	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121500	1.54874	57.7	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121500	1.71806	58.02	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121500	1.89977	58.22	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121500	2.08021	58.47	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121500	2.26235	58.54	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121500	2.43366	58.58	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121500	2.58944	58.59	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121500	2.72208	58.65	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121500	2.83449	58.67	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121500	2.92381	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121500	2.99304	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121500	3.03678	58.8	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121500	3.06559	58.84	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121500	3.0767	58.91	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121500	3.07216	59.01	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121500	3.05631	59.09	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121500	3.03576	59.04	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121500	2.43085	59.84	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121500	2.36008	59.76	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121500	2.29032	59.62	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121500	2.22733	59.17	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121520	0.26817	55.62	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121520	0.2706	55.67	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121520	0.27521	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121520	0.27884	56.37	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121520	0.27989	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121520	0.27794	55.47	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121520	0.28532	56.33	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121520	0.28844	56.64	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121520	0.29081	56.78	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121520	0.29326	56.82	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121520	0.29582	56.78	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121520	0.29853	56.81	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121520	0.30143	56.81	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121520	0.30423	56.98	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121520	0.3078	56.97	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121520	0.31085	57.01	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121520	0.31308	57.12	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121520	0.31627	57.2	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121520	0.32083	57.22	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121520	0.32916	56.77	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121520	0.33381	56.91	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121520	0.33233	57.54	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121520	0.33565	57.84	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121520	0.34652	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121520	0.35805	57.29	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121520	0.37003	57.16	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121520	0.3822	57.17	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121520	0.39708	57.15	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121520	0.41283	57.3	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121520	0.43503	57.26	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121520	0.46033	57.38	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121520	0.49428	57.35	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121520	0.52812	57.9	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121520	0.57764	57.98	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121520	0.64043	57.89	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121520	0.71365	57.91	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4121520	0.8001	57.92	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121520	0.90035	57.95	313.5	1.5	ANNUAL	SRCGP8	5

606432.2	4121520	1.29961	58.1	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121520	1.46964	58.17	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121520	1.66416	58.06	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121520	1.87803	57.85	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121520	2.09298	57.81	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121520	2.297	57.98	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121520	2.487	58.24	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121520	2.66228	58.44	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121520	2.81935	58.54	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121520	2.9509	58.63	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121520	3.05275	58.78	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121520	3.1388	58.76	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121520	3.19088	58.92	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121520	3.22716	58.98	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121520	3.24594	59.01	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121520	3.24462	59.1	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121520	3.23022	59.16	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121520	3.20594	59.16	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121520	3.17075	59.15	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121520	2.99822	59.44	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121520	2.93204	59.43	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121520	2.87176	59.12	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121520	2.7922	59.23	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121520	2.71163	59.3	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121520	2.45151	59.98	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121520	2.37094	59.99	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121520	2.29281	59.92	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121520	2.22825	59.26	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121540	0.27636	55.39	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121540	0.2823	56.05	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121540	0.28579	56.25	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121540	0.28866	56.34	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121540	0.29117	56.37	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121540	0.2872	55.37	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121540	0.29611	56.42	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121540	0.2987	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121540	0.30085	56.43	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121540	0.30349	56.71	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121540	0.30599	56.62	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121540	0.30776	56.35	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121540	0.31139	56.66	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121540	0.31437	56.85	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121540	0.31757	56.84	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121540	0.32102	56.58	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121540	0.32481	56.81	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121540	0.32778	57	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121540	0.32909	57.14	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121540	0.33486	56.64	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121540	0.33901	56.86	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121540	0.33845	57.44	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121540	0.34069	57.82	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121540	0.35186	57.45	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121540	0.36283	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121540	0.37132	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121540	0.38429	57.36	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121540	0.39902	57.36	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121540	0.41588	57.45	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121540	0.43688	57.54	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121540	0.4655	57.46	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121540	0.49872	57.58	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121540	0.53831	57.88	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121540	0.59188	57.92	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121540	0.65642	58.05	313.5	1.5	ANNUAL	SRCGP8	5

606332.2	4121540	0.73732	58.01	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4121540	0.83228	58.04	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121540	1.80405	58.32	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121540	2.03546	58.3	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121540	2.27343	58.26	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121540	2.508	58.2	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121540	2.73393	58.04	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121540	2.93146	58.01	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121540	3.09352	58.12	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121540	3.22388	58.24	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121540	3.32046	58.39	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121540	3.39135	58.48	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121540	3.43359	58.61	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121540	3.45591	58.69	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121540	3.45912	58.75	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121540	3.44225	58.85	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121540	3.41342	58.89	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121540	3.37222	58.91	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121540	3.31543	59.01	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121540	3.09008	59.44	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121540	3.0153	59.28	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121540	2.93294	59.2	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121540	2.842	59.28	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121540	2.45952	60.12	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121540	2.37367	60.04	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121540	2.29098	59.88	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121540	2.21851	59.32	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121560	0.28583	55.31	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121560	0.28916	55.47	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121560	0.29384	55.85	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121560	0.29692	55.96	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121560	0.29988	56.05	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121560	0.29731	55.3	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121560	0.30565	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121560	0.30842	56.27	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121560	0.31025	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121560	0.31459	56.51	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121560	0.31706	56.46	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121560	0.31632	56.05	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121560	0.32227	56.53	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121560	0.32508	56.71	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121560	0.32804	56.66	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121560	0.32776	56.08	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121560	0.33395	56.53	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121560	0.33613	56.94	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121560	0.3367	57.09	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121560	0.34116	56.53	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121560	0.34486	56.8	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121560	0.34544	57.31	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121560	0.3459	57.84	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121560	0.35784	57.36	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121560	0.3684	57.19	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121560	0.37573	57.47	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121560	0.38836	57.45	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121560	0.40245	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121560	0.42168	57.44	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121560	0.44301	57.55	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121560	0.4713	57.56	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121560	0.50922	57.43	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121560	0.55375	57.55	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121560	0.60966	57.71	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121560	0.67942	57.88	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121560	0.77068	57.72	313.5	1.5	ANNUAL	SRCGP8	5

606412.2	4121560	1.31869	57.97	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121560	2.24341	58.25	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121560	2.49212	58.57	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121560	2.74384	58.57	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121560	2.97574	58.54	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121560	3.1792	58.5	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121560	3.35045	58.44	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121560	3.48693	58.38	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121560	3.58607	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121560	3.65186	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121560	3.68558	58.41	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121560	3.69414	58.45	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121560	3.6809	58.49	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121560	3.64633	58.57	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121560	3.597	58.63	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121560	3.53465	58.68	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121560	3.07759	59.31	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121560	2.97674	59.35	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121560	2.87254	59.45	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121560	2.45667	60.12	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121560	2.37495	59.57	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121560	2.28668	59.38	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121560	2.19834	59.31	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121580	0.29961	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121580	0.30232	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121580	0.30312	55.58	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121580	0.30559	55.57	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121580	0.30758	55.5	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121580	0.30962	55.45	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121580	0.31258	55.54	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121580	0.31546	55.62	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121580	0.31818	55.68	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121580	0.32139	55.8	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121580	0.32451	55.9	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121580	0.32697	55.91	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121580	0.32923	55.89	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121580	0.33111	55.82	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121580	0.33406	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121580	0.33621	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121580	0.33902	56.04	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121580	0.34131	56.16	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121580	0.34424	56.29	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121580	0.34656	56.29	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121580	0.35153	56.77	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121580	0.35212	57.28	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121580	0.35338	57.7	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121580	0.36512	57.23	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121580	0.37485	57.13	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121580	0.38264	57.37	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121580	0.39455	57.44	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121580	0.40951	57.47	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121580	0.431	57.23	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121580	0.45088	57.51	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121580	0.47998	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121580	0.51914	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121580	0.56582	57.57	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121580	0.62619	57.71	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121580	0.70213	57.89	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121580	0.80238	57.73	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121580	1.22848	57.88	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121580	2.77644	58.27	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121580	3.03638	58.53	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121580	3.27141	58.67	313.5	1.5	ANNUAL	SRCGP8	5

606572.2	4121580	3.4721	58.74	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121580	3.63545	58.75	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121580	3.75899	58.75	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121580	3.84033	58.81	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121580	3.88649	58.86	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121580	3.89996	58.93	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121580	3.88321	59.06	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121580	3.86047	58.93	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121580	3.80553	59	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121580	3.73566	59.05	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121580	3.65404	59.07	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121580	3.33721	59.51	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121580	3.22528	59.57	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121580	3.11313	59.57	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121580	2.99775	59.63	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121580	2.8849	59.62	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121580	2.43813	60.13	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121580	2.34494	59.82	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121580	2.25128	59.67	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121580	2.16401	59.39	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121600	0.31256	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121600	0.31611	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121600	0.31832	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121600	0.32104	56.1	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121600	0.32448	56.19	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121600	0.32773	56.26	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121600	0.33093	56.33	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121600	0.33402	56.39	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121600	0.33692	56.43	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121600	0.3397	56.51	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121600	0.3422	56.53	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121600	0.34469	56.53	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121600	0.34716	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121600	0.34957	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121600	0.35159	56.58	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121600	0.35245	56.55	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121600	0.35282	56.57	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121600	0.35351	56.64	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121600	0.35467	56.73	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121600	0.35655	56.86	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121600	0.35886	57	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121600	0.3603	57.21	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121600	0.36136	57.62	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121600	0.37292	57.16	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121600	0.38256	57.07	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121600	0.39044	57.31	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121600	0.40306	57.34	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121600	0.41917	57.31	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121600	0.43812	57.34	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121600	0.46308	57.26	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121600	0.49161	57.41	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121600	0.52992	57.49	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121600	0.57874	57.68	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121600	0.6443	57.77	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121600	0.73032	57.76	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4121600	0.83912	57.72	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121600	3.8243	58.54	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121600	3.97282	58.66	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121600	4.06981	58.87	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121600	4.13184	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121600	4.15519	59.03	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121600	4.14225	59.14	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121600	4.10581	59.18	313.5	1.5	ANNUAL	SRCGP8	5

606712.2	4121600	4.04593	59.22	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121600	3.96312	59.32	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121600	3.86554	59.41	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121600	3.75946	59.43	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121600	3.13384	59.63	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121600	3.00797	59.59	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121600	2.88622	59.48	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121600	2.76493	59.44	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121600	2.40306	60.16	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121600	2.30037	60.07	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121600	2.20197	59.99	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121600	2.11898	59.41	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121620	0.31006	53.92	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121620	0.31287	53.91	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121620	0.31766	54.22	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121620	0.32162	54.4	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121620	0.3255	54.57	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121620	0.32993	54.82	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121620	0.33417	55.04	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121620	0.33747	55.14	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121620	0.34121	55.3	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121620	0.34453	55.41	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121620	0.34765	55.5	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121620	0.3511	55.63	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121620	0.3548	55.79	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121620	0.35844	55.97	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121620	0.36021	56.08	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121620	0.36065	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121620	0.36139	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121620	0.36259	56.34	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121620	0.36456	56.56	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121620	0.36594	56.66	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121620	0.36835	56.77	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121620	0.37178	56.98	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121620	0.37349	57.27	313.5	1.5	ANNUAL	SRCGP8	5
606092.2	4121620	0.38261	57.06	313.5	1.5	ANNUAL	SRCGP8	5
606112.2	4121620	0.39218	56.99	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121620	0.40274	57.02	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121620	0.41597	57.04	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121620	0.43302	57	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121620	0.45215	57.08	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121620	0.47688	57.1	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121620	0.50304	57.52	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121620	0.54308	57.59	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121620	0.59817	57.52	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121620	0.66942	57.57	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121620	0.76371	57.57	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121620	1.42156	58.45	313.5	1.5	ANNUAL	SRCGP8	5
606412.2	4121620	1.68302	58.63	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121620	1.99797	58.54	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121620	3.12089	58.13	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121620	3.47525	58.08	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121620	3.13148	59.61	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121620	2.99226	59.59	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121620	2.85977	59.49	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121620	2.72978	59.46	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121620	2.36124	59.81	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121620	2.25329	59.81	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121620	2.15419	59.67	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121620	2.0635	59.39	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121640	0.33184	55.44	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121640	0.33524	55.43	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121640	0.33841	55.4	313.5	1.5	ANNUAL	SRCGP8	5

605692.2	4121640	0.34147	55.37	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121640	0.34457	55.36	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121640	0.34747	55.34	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121640	0.35058	55.36	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121640	0.35315	55.33	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121640	0.35498	55.23	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121640	0.3569	55.16	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121640	0.35787	55	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121640	0.35956	54.94	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121640	0.36031	54.81	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121640	0.36053	54.74	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121640	0.35962	54.71	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121640	0.35829	54.67	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121640	0.35306	54.17	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121640	0.35033	53.9	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121640	0.35479	54.41	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121640	0.35736	54.59	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121640	0.35947	54.6	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121640	0.36243	54.56	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121640	0.36634	54.45	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121640	0.4616	57.43	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121640	0.48414	57.75	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121640	0.51168	58.28	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121640	0.55393	58.28	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121640	0.61498	57.87	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121640	0.69419	57.71	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121640	0.7941	57.94	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121640	3.5162	58.39	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121640	3.88654	58.5	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121640	4.20473	58.45	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121640	4.44723	58.52	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121640	4.62791	58.48	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121640	4.74021	58.5	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121640	4.80081	58.43	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121640	4.8023	58.48	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121640	2.80744	59.56	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121640	2.66935	59.6	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121640	2.29259	59.93	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121640	2.18239	59.99	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121640	2.08842	59.63	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121640	1.99963	59.29	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121660	0.34739	55.82	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121660	0.35178	55.88	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121660	0.35643	55.98	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121660	0.36072	56.04	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121660	0.36477	56.08	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121660	0.36909	56.16	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121660	0.37388	56.3	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121660	0.37739	56.31	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121660	0.38165	56.41	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121660	0.38529	56.49	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121660	0.38825	56.53	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121660	0.39097	56.62	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121660	0.39297	56.48	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121660	0.39305	56.48	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121660	0.39167	56.43	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121660	0.39087	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121660	0.38982	56.62	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121660	0.38904	56.69	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121660	0.38887	56.7	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121660	0.38964	56.82	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121660	0.39158	56.93	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121660	0.39443	57	313.5	1.5	ANNUAL	SRCGP8	5

606072.2	4121660	0.39815	57.11	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121660	0.42234	57.5	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121660	0.43699	57.54	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121660	0.45669	57.43	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121660	0.47821	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121660	0.50329	57.77	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121660	0.53364	58.2	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121660	0.57712	58.32	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121660	0.63736	58.3	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121660	0.72125	58.19	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121660	0.83399	58.25	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121660	1.432	57.91	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121660	3.07499	57.82	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121660	4.01495	58.24	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121660	4.4036	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121660	4.70565	58.56	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121660	4.92611	58.67	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121660	5.06617	58.76	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121660	5.13539	58.81	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121660	5.14546	58.79	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121660	5.09824	58.82	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121660	5.0002	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121660	4.87127	59.01	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121660	4.71132	59.12	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121660	4.53509	59.16	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121660	4.34239	59.27	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121660	4.14996	59.27	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121660	3.96743	59.04	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121660	2.21178	59.98	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121660	2.10355	60	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121660	2.01197	59.61	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121660	1.92525	59.27	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121680	0.40503	56.38	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121680	0.40879	56.63	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121680	0.41006	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121680	0.40535	56.13	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121680	0.40314	56.06	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121680	0.40249	56.13	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121680	0.40278	56.27	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121680	0.4032	56.39	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121680	0.40342	56.44	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121680	0.40423	56.56	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121680	0.40606	56.65	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121680	0.40952	56.75	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121680	0.41492	56.9	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121680	0.56712	57.61	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121680	0.61276	57.79	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121680	0.68004	57.57	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121680	0.77293	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121680	1.58112	58	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121680	1.95578	57.92	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121680	2.95518	58.24	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121680	5.56849	58.51	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121680	5.57947	58.53	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121680	5.51794	58.6	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121680	5.39929	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121680	5.23955	58.79	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121680	5.04754	58.91	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121680	4.83696	58.99	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121680	4.60805	59.15	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121680	4.37793	59.22	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121680	4.15216	59.22	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121680	3.94573	58.93	313.5	1.5	ANNUAL	SRCGP8	5

606992.2	4121680	2.12017	59.99	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121680	2.01454	60.02	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121680	1.92553	59.66	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121680	1.84206	59.33	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121700	0.37698	56.02	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121700	0.38299	56.16	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121700	0.3875	56.13	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121700	0.39257	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121700	0.39727	56.18	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121700	0.40338	56.34	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121700	0.40707	56.27	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121700	0.41217	56.35	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121700	0.41579	56.31	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121700	0.42293	56.3	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121700	0.42765	56.64	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121700	0.42813	56.58	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121700	0.42242	56.1	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121700	0.41939	55.98	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121700	0.41948	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121700	0.41819	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121700	0.4181	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121700	0.41834	56.3	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121700	0.41923	56.33	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121700	0.42252	56.43	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121700	0.42661	56.47	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121700	0.43247	56.55	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121700	0.48512	57.05	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121700	0.50844	57.03	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121700	0.53311	57.26	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121700	0.5635	57.51	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121700	0.60272	57.64	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121700	0.65246	57.79	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121700	0.72328	57.66	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121700	0.82459	57.48	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121700	1.77189	58.1	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121700	2.23014	58.07	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121700	3.46489	58.3	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121700	4.79051	58.11	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121700	5.30795	58.18	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121700	5.69573	58.17	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121700	5.96313	57.97	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121700	4.89813	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121700	4.62909	58.8	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121700	4.36633	58.83	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121700	4.10695	58.92	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121700	3.8692	58.82	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121700	2.01783	60.06	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121700	1.91536	60.15	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121700	1.82962	59.85	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121700	1.7547	59.36	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121720	0.39268	56.06	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121720	0.39842	56.11	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121720	0.40452	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121720	0.4114	56.37	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121720	0.4171	56.42	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121720	0.4224	56.44	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121720	0.42759	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121720	0.4324	56.56	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121720	0.4353	56.32	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121720	0.44185	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121720	0.44746	56.58	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121720	0.44742	56.54	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121720	0.44149	56.11	313.5	1.5	ANNUAL	SRCGP8	5

605912.2	4121720	0.44189	56.25	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121720	0.44316	56.64	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121720	0.44147	56.7	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121720	0.44023	56.8	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121720	0.43973	56.89	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121720	0.44033	56.89	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121720	0.44251	56.93	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121720	0.44483	57.1	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121720	0.45109	57.13	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121720	0.49346	56.84	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121720	0.51499	56.98	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121720	0.54184	56.97	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121720	0.57073	57.19	313.5	1.5	ANNUAL	SRCGP8	5
606212.2	4121720	0.60574	57.44	313.5	1.5	ANNUAL	SRCGP8	5
606232.2	4121720	0.64926	57.64	313.5	1.5	ANNUAL	SRCGP8	5
606252.2	4121720	0.70492	57.74	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4121720	0.77993	57.76	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121720	0.89177	57.52	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121720	2.02336	58.17	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121720	2.60355	57.99	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121720	4.13537	58.42	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121720	5.6167	58.2	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121720	6.11886	58.35	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121720	6.43928	58.5	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121720	6.62985	58.11	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121720	6.63143	58.3	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121720	6.50724	58.63	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121720	6.32475	58.56	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121720	6.09951	58.23	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121720	5.80866	58.28	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121720	5.49098	58.44	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121720	5.17339	58.51	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121720	4.86793	58.43	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121720	4.56212	58.53	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121720	4.26853	58.65	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121720	3.99235	58.72	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121720	3.73846	58.69	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121720	1.90928	60.13	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121720	1.81756	60.03	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121720	1.73959	59.65	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121720	1.66313	59.45	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121740	0.40698	55.82	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121740	0.4125	55.8	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121740	0.42031	56.02	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121740	0.42878	56.29	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121740	0.43535	56.37	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121740	0.43881	56.18	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121740	0.44491	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121740	0.45288	56.48	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121740	0.45567	56.28	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121740	0.46298	56.19	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121740	0.46853	56.57	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121740	0.46826	56.47	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121740	0.46149	56.07	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121740	0.46144	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121740	0.46414	56.62	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121740	0.46255	56.72	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121740	0.46152	56.96	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121740	0.46117	56.96	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121740	0.46202	56.9	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121740	0.46439	56.98	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121740	0.4691	56.99	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121740	0.47548	57.09	313.5	1.5	ANNUAL	SRCGP8	5

606392.2	4121740	3.11918	57.93	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121740	5.02705	58.53	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121740	6.60835	58.31	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121740	7.03908	58.55	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121740	7.24808	58.58	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121740	7.29183	58.15	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121740	7.13377	58.38	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121740	6.85346	58.81	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121740	6.53035	58.81	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121740	6.19657	58.35	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121740	5.80697	58.52	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121740	5.40958	58.87	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121740	5.02889	59.18	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121740	4.70831	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121740	4.37528	58.88	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121740	4.05462	59.26	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121740	3.76843	59.4	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121740	3.54158	58.84	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121740	3.29431	59.09	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121740	3.06494	59.44	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121740	2.86836	59.51	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121740	2.68464	59.7	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121740	2.52537	59.67	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121740	2.37579	59.76	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121740	2.24012	59.82	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121740	2.11655	59.86	313.5	1.5	ANNUAL	SRCGP8	5
606952.2	4121740	2.00384	59.88	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121740	1.81144	59.68	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121740	1.72424	59.66	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121740	1.64164	59.72	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121740	1.56779	59.67	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121760	0.42414	55.76	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121760	0.43647	55.75	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121760	0.44762	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121760	0.45411	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121760	0.46442	56.08	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121760	0.47515	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121760	0.4778	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121760	0.48616	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121760	0.49135	56.59	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121760	0.48903	56.33	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121760	0.4814	55.9	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121760	0.48033	55.93	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121760	0.48311	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121760	0.48296	56.29	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121760	0.48496	56.74	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121760	0.48495	56.81	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121760	0.48628	56.76	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121760	0.48955	56.78	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121760	0.49534	56.78	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121760	0.5045	56.83	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121760	2.84385	57.94	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121760	6.20623	58.53	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121760	7.75037	58.37	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121760	8.01645	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121760	8.02338	58.59	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121760	7.84494	58.16	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121760	7.48296	58.4	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121760	7.02768	58.87	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121760	6.56233	58.9	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121760	6.11938	58.46	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121760	5.65646	58.61	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121760	5.20942	58.96	313.5	1.5	ANNUAL	SRCGP8	5

606672.2	4121760	4.79948	59.24	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121760	4.45755	58.84	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121760	4.11987	59	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121760	3.80047	59.4	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121760	3.52556	59.45	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121760	3.30816	58.89	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121760	3.06735	59.24	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121760	2.85168	59.57	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121760	2.67218	59.54	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121760	2.50653	59.59	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121760	2.3593	59.56	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121760	2.22471	59.55	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121760	2.10514	59.45	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121760	1.99324	59.43	313.5	1.5	ANNUAL	SRCGP8	5
606952.2	4121760	1.8895	59.45	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121760	1.69705	59.84	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121760	1.60898	60.17	313.5	1.5	ANNUAL	SRCGP8	5
607032.2	4121760	1.5344	60.22	313.5	1.5	ANNUAL	SRCGP8	5
607052.2	4121760	1.46956	60.08	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121780	0.44319	55.73	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121780	0.45799	55.83	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121780	0.46947	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121780	0.4763	56.22	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121780	0.48786	56.07	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121780	0.49916	56.42	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121780	0.50178	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121780	0.51186	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121780	0.51626	56.44	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121780	0.51327	56.27	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121780	0.50463	55.8	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121780	0.50431	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121780	0.50666	56.1	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121780	0.50644	56.16	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121780	0.51174	56.96	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121780	0.52461	56.75	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121780	0.5356	56.91	313.5	1.5	ANNUAL	SRCGP8	5
606132.2	4121780	0.59552	57.48	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121780	0.63404	57.4	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121780	0.68293	57.29	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121780	0.73845	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121780	1.21758	58.1	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121780	1.46014	58.02	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121780	3.51088	58.13	313.5	1.5	ANNUAL	SRCGP8	5
606392.2	4121780	4.89801	58.08	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121780	7.71321	58.64	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121780	8.93784	58.48	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121780	8.90834	58.72	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121780	8.60111	58.64	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121780	8.13651	58.28	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121780	7.55491	58.51	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121780	6.93961	58.93	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121780	6.36387	58.88	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121780	5.84284	58.52	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121780	5.33776	58.69	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121780	4.87338	59.02	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121780	4.46132	59.28	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121780	4.12837	58.84	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121780	3.80053	59.07	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121780	3.50234	59.4	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121780	3.24317	59.52	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121780	3.04591	58.94	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121780	2.84115	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121780	2.65489	59.01	313.5	1.5	ANNUAL	SRCGP8	5

606832.2	4121780	2.48775	59.06	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121780	2.3361	59.13	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121780	2.19613	59.27	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121780	2.06955	59.4	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121780	1.95172	59.61	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121780	1.84467	59.81	313.5	1.5	ANNUAL	SRCGP8	5
606952.2	4121780	1.74715	60	313.5	1.5	ANNUAL	SRCGP8	5
606992.2	4121780	1.58242	60.11	313.5	1.5	ANNUAL	SRCGP8	5
607012.2	4121780	1.51085	60.11	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121800	0.46284	55.57	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121800	0.47917	55.68	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121800	0.49136	56.06	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121800	0.49737	55.93	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121800	0.51351	56.02	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121800	0.5241	56.25	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121800	0.52792	56.05	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121800	0.53876	56.14	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121800	0.54526	56.47	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121800	0.54226	56.29	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121800	0.53179	55.74	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121800	0.53817	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121800	0.54245	56.58	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121800	0.54151	56.73	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121800	0.54038	57.08	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121800	0.55781	56.84	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121800	0.56715	57.22	313.5	1.5	ANNUAL	SRCGP8	5
606152.2	4121800	0.68625	57.69	313.5	1.5	ANNUAL	SRCGP8	5
606172.2	4121800	0.74653	57.51	313.5	1.5	ANNUAL	SRCGP8	5
606192.2	4121800	0.81662	57.58	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4121800	1.37967	58.16	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4121800	1.64967	58.27	313.5	1.5	ANNUAL	SRCGP8	5
606372.2	4121800	4.46821	58.12	313.5	1.5	ANNUAL	SRCGP8	5
606432.2	4121800	9.48374	58.67	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121800	9.92141	58.48	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121800	9.44734	58.7	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121800	8.76449	58.72	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121800	8.00603	58.73	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121800	7.2495	58.84	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121800	6.53992	59	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121800	5.90924	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121800	5.34915	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121800	4.85443	59.03	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121800	4.41789	59.2	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121800	4.0389	59.33	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121800	3.71313	59.34	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121800	3.42474	59.41	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121800	3.16702	59.54	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121800	2.94136	59.57	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121800	2.76962	59	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121800	2.57101	59.39	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121800	2.40601	59.5	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121800	2.25703	59.63	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121800	2.12466	59.71	313.5	1.5	ANNUAL	SRCGP8	5
606872.2	4121800	2.00275	59.85	313.5	1.5	ANNUAL	SRCGP8	5
606892.2	4121800	1.89274	59.97	313.5	1.5	ANNUAL	SRCGP8	5
606912.2	4121800	1.79221	60.1	313.5	1.5	ANNUAL	SRCGP8	5
606932.2	4121800	1.70607	60.03	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121860	0.54018	55.39	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121860	0.54408	54.86	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121860	0.56033	55.28	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121860	0.57736	55.7	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121860	0.58817	55.67	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121860	0.59262	55.24	313.5	1.5	ANNUAL	SRCGP8	5

605752.2	4121860	0.60835	55.53	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121860	0.62497	55.85	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121860	0.6388	56.02	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121860	0.63913	55.58	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121860	0.64887	55.82	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121860	0.65901	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121860	0.6627	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121860	0.6534	55.73	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121860	0.66118	56.03	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121860	0.67018	56.36	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121860	0.674	56.55	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121860	0.67607	56.72	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121860	0.6794	56.84	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121860	0.68362	57.02	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121860	0.6892	57.18	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121860	0.70097	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121860	0.72153	57.16	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121860	3.37346	58.8	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121860	3.08747	59.3	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121860	2.84971	59.65	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121860	2.65899	59.6	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121860	2.49144	59.59	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121860	2.33994	59.68	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121860	2.21095	59.59	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121860	2.0921	59.56	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121860	1.99682	59.2	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121860	1.88588	59.44	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121860	1.78897	59.57	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121860	1.70142	59.67	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121860	1.62042	59.79	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121880	0.57542	55.56	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121880	0.57972	54.97	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121880	0.59981	55.5	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121880	0.61921	55.91	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121880	0.63097	55.81	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121880	0.63603	55.32	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121880	0.65645	55.72	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121880	0.67894	56.18	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121880	0.69167	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121880	0.69185	55.63	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121880	0.70481	55.9	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121880	0.72243	56.41	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121880	0.72867	56.49	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121880	0.71703	55.84	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121880	0.727	56.09	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121880	0.73443	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121880	0.74512	56.53	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121880	0.75033	56.7	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121880	0.7571	56.92	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121880	0.76323	57.09	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121880	0.7715	57.3	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121880	0.78673	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121880	0.80893	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121880	6.25942	58.72	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121880	5.45225	58.93	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121880	4.80078	58.94	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121880	4.2808	58.94	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121880	3.85678	58.99	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121880	3.50978	58.98	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121880	3.23893	58.58	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121880	2.9974	58.55	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121880	2.77527	58.89	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121880	2.57646	59.44	313.5	1.5	ANNUAL	SRCGP8	5

606652.2	4121880	2.4089	59.84	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121880	2.27967	59.63	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121880	2.15726	59.68	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121880	2.04601	59.76	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121880	1.94789	59.73	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121880	1.85748	59.69	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121880	1.78494	59.33	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121880	1.69547	59.59	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121880	1.61608	59.76	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121880	1.54308	59.92	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121880	1.47662	60.04	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121900	0.61498	55.74	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121900	0.61824	54.98	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121900	0.64004	55.45	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121900	0.6625	55.88	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121900	0.6795	55.94	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121900	0.68477	55.35	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121900	0.70847	55.74	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121900	0.7366	56.28	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121900	0.75158	56.2	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121900	0.75363	55.66	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121900	0.77239	56.01	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121900	0.7934	56.52	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121900	0.80228	56.6	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121900	0.79378	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121900	0.80139	55.86	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121900	0.81258	55.96	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121900	0.82609	56.1	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121900	0.84487	56.34	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121900	0.86231	56.46	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121900	0.87904	56.6	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121900	0.90071	56.73	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121900	0.92461	57.12	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121900	0.9507	57.56	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121900	3.96459	58.71	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121900	3.64893	58.9	313.5	1.5	ANNUAL	SRCGP8	5
606492.2	4121900	3.36548	58.94	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121900	3.12096	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121900	2.90834	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606552.2	4121900	2.72165	58.98	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121900	2.57008	58.66	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121900	2.4274	58.66	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121900	2.29058	58.96	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121900	2.16195	59.49	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121900	2.05142	59.84	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121900	1.96707	59.56	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121900	1.8766	59.8	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121900	1.79789	59.84	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121900	1.72635	59.8	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121900	1.65969	59.72	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121900	1.59801	59.58	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121900	1.53345	59.64	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121900	1.47315	59.69	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121900	1.41683	59.73	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121900	1.36333	59.79	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121920	0.65665	55.77	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121920	0.66263	55.08	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121920	0.6871	55.52	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121920	0.71317	55.96	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121920	0.73361	56.03	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121920	0.74054	55.4	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121920	0.76959	55.84	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121920	0.79979	56.25	313.5	1.5	ANNUAL	SRCGP8	5

605792.2	4121920	0.81895	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121920	0.82641	55.71	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121920	0.85213	56.11	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121920	0.87669	56.61	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121920	0.89121	56.54	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121920	0.88754	55.89	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121920	0.91382	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121920	0.93812	56.6	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121920	0.95678	56.78	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121920	0.9783	56.94	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121920	1.00153	57.03	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121920	1.0268	57.22	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121920	1.06115	57.35	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121920	1.10426	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121920	1.16172	57.65	313.5	1.5	ANNUAL	SRCGP8	5
606452.2	4121920	2.63989	58.81	313.5	1.5	ANNUAL	SRCGP8	5
606472.2	4121920	2.54062	58.89	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121920	2.24276	58.98	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121920	2.06756	59.02	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121920	1.991	58.95	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121920	1.9155	59.06	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121920	1.83571	59.57	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121920	1.76455	59.92	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121920	1.70855	59.72	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121920	1.64085	60.21	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121920	1.58226	60.37	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121920	1.52899	60.34	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121920	1.47615	60.33	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121920	1.42753	60.24	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121920	1.37915	60.23	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121920	1.33206	60.26	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121920	1.28654	60.32	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121920	1.24743	60.2	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121940	0.70313	55.83	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121940	0.72134	55.73	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121940	0.74464	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121940	0.77033	56.07	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121940	0.79534	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121940	0.81705	56.07	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121940	0.84382	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121940	0.87415	56.32	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121940	0.89734	56.19	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121940	0.90856	55.69	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121940	0.94579	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121940	0.97454	56.6	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121940	0.99675	56.63	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121940	1.0001	55.91	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121940	1.04322	56.41	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121940	1.07319	56.79	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121940	1.10303	57.02	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121940	1.13677	57.1	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121940	1.17795	57.15	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121940	1.22189	57.41	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121940	1.28173	57.53	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121940	1.35924	57.57	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121940	1.4576	57.6	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121940	1.79304	59.13	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121940	1.70902	59.3	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121940	1.67277	59.07	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121940	1.63108	59.18	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121940	1.58293	59.68	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121940	1.53996	59.92	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121940	1.50514	59.72	313.5	1.5	ANNUAL	SRCGP8	5

606692.2	4121940	1.45695	60.26	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121940	1.41319	60.53	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121940	1.37577	60.42	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121940	1.33508	60.44	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121940	1.29359	60.53	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121940	1.25406	60.59	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121940	1.21286	60.79	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121940	1.17676	60.82	313.5	1.5	ANNUAL	SRCGP8	5
606852.2	4121940	1.15045	60.44	313.5	1.5	ANNUAL	SRCGP8	5
605632.2	4121960	0.75334	55.85	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121960	0.77733	55.89	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121960	0.80415	56.01	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121960	0.83057	56.04	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121960	0.85955	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121960	0.89092	56.23	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121960	0.92177	56.25	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121960	0.95707	56.37	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121960	0.98305	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121960	1.00615	55.81	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121960	1.05635	56.44	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121960	1.08729	56.7	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121960	1.11915	56.59	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121960	1.13383	55.98	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121960	1.19013	56.44	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121960	1.23333	56.62	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4121960	1.28166	56.88	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121960	1.33725	56.82	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121960	1.40328	56.93	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121960	1.47882	57.06	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121960	1.56775	57.27	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121960	1.68628	57.27	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121960	1.83208	57.32	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121960	1.45233	59.37	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121960	1.43916	59.04	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121960	1.41573	59.3	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121960	1.38783	59.78	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121960	1.36434	59.85	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121960	1.34354	59.68	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121960	1.3087	60.27	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121960	1.27779	60.5	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121960	1.25953	59.99	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121960	1.22442	60.21	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121960	1.19191	60.29	313.5	1.5	ANNUAL	SRCGP8	5
606792.2	4121960	1.16134	60.3	313.5	1.5	ANNUAL	SRCGP8	5
606812.2	4121960	1.11804	60.95	313.5	1.5	ANNUAL	SRCGP8	5
606832.2	4121960	1.08701	61.06	313.49	1.5	ANNUAL	SRCGP8	5
606852.2	4121960	1.06682	60.64	313.49	1.5	ANNUAL	SRCGP8	5
605632.2	4121980	0.802	55.56	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4121980	0.82916	55.59	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4121980	0.85743	55.6	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4121980	0.88754	55.62	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4121980	0.92232	55.76	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4121980	0.95973	55.91	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4121980	0.9989	56.03	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4121980	1.04008	56.13	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4121980	1.0771	56.02	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4121980	1.11808	56.01	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4121980	1.17379	56.54	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4121980	1.21438	56.74	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4121980	1.25468	56.39	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4121980	1.28853	56.1	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4121980	1.34908	56.29	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4121980	1.4099	56.33	313.5	1.5	ANNUAL	SRCGP8	5

605952.2	4121980	1.47418	56.28	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4121980	1.55363	56.31	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4121980	1.65497	56.46	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4121980	1.7645	56.53	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4121980	1.89628	56.51	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4121980	2.05557	56.55	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4121980	2.24869	56.68	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4121980	1.27069	59.33	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4121980	1.27051	59.19	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4121980	1.26436	59.39	313.5	1.5	ANNUAL	SRCGP8	5
606592.2	4121980	1.26209	59.17	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4121980	1.25225	59.39	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4121980	1.23777	59.8	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4121980	1.22607	59.8	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4121980	1.21501	59.63	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4121980	1.18971	60.23	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4121980	1.16984	60.31	313.5	1.5	ANNUAL	SRCGP8	5
606732.2	4121980	1.15675	59.92	313.5	1.5	ANNUAL	SRCGP8	5
606752.2	4121980	1.11856	60.62	313.5	1.5	ANNUAL	SRCGP8	5
606772.2	4121980	1.09182	60.75	313.49	1.5	ANNUAL	SRCGP8	5
606792.2	4121980	1.07428	60.42	313.49	1.5	ANNUAL	SRCGP8	5
606812.2	4121980	1.03835	61.02	312.87	1.5	ANNUAL	SRCGP8	5
606832.2	4121980	1.01054	61.24	61.24	1.5	ANNUAL	SRCGP8	5
606852.2	4121980	0.9936	60.87	60.87	1.5	ANNUAL	SRCGP8	5
605632.2	4122000	0.84948	55.03	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4122000	0.88107	55.11	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4122000	0.91424	55.17	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4122000	0.95074	55.28	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4122000	0.98852	55.34	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4122000	1.02706	55.33	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4122000	1.07138	55.43	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4122000	1.11703	55.47	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4122000	1.16907	55.61	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4122000	1.23379	56.01	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4122000	1.30217	56.55	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4122000	1.35448	56.76	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4122000	1.40262	56.29	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4122000	1.46287	56.27	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4122000	1.54184	56.8	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4122000	1.61987	56.92	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4122000	1.70819	56.5	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4122000	1.81023	56.47	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4122000	1.92909	56.97	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4122000	2.06168	57.12	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4122000	2.22992	56.72	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4122000	2.42058	56.73	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4122000	2.63099	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4122000	2.63237	58.13	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4122000	2.35481	58.23	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4122000	1.99165	58.26	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4122000	1.70636	58.24	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4122000	1.1093	59.49	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4122000	1.11473	59.37	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4122000	1.1273	59.48	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4122000	1.12038	59.92	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4122000	1.11537	59.92	313.5	1.5	ANNUAL	SRCGP8	5
606672.2	4122000	1.11003	59.77	313.5	1.5	ANNUAL	SRCGP8	5
606692.2	4122000	1.09322	60.24	313.5	1.5	ANNUAL	SRCGP8	5
606712.2	4122000	1.07988	60.26	313.49	1.5	ANNUAL	SRCGP8	5
606732.2	4122000	1.07248	59.84	313.49	1.5	ANNUAL	SRCGP8	5
606752.2	4122000	1.04063	60.49	313.48	1.5	ANNUAL	SRCGP8	5
606772.2	4122000	1.0145	60.84	60.84	1.5	ANNUAL	SRCGP8	5
606792.2	4122000	1.00147	60.49	60.49	1.5	ANNUAL	SRCGP8	5

606812.2	4122000	0.97014	61.1	61.1	1.5	ANNUAL	SRCGP8	5
606832.2	4122000	0.94793	61.23	61.23	1.5	ANNUAL	SRCGP8	5
606852.2	4122000	0.93416	60.87	60.87	1.5	ANNUAL	SRCGP8	5
605632.2	4122020	0.92168	55.56	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4122020	0.95981	55.7	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4122020	0.99679	55.68	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4122020	1.0417	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4122020	1.08623	55.92	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4122020	1.1311	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4122020	1.18052	55.86	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4122020	1.235	55.89	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4122020	1.29941	56.08	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4122020	1.36841	56.26	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4122020	1.44044	56.52	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4122020	1.50549	56.81	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4122020	1.57555	56.61	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4122020	1.65267	56.61	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4122020	1.7387	56.85	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4122020	1.83519	56.95	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4122020	1.94384	56.8	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4122020	2.06742	56.79	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4122020	2.2043	57.07	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4122020	2.35764	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4122020	2.54945	56.99	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4122020	2.75417	56.95	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4122020	2.96367	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4122020	2.51375	58.35	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4122020	2.39355	59.31	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4122020	2.14385	59.32	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4122020	1.81925	59.3	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4122020	1.54426	59.14	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4122020	0.99319	59.43	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4122020	1.00128	59.46	313.5	1.5	ANNUAL	SRCGP8	5
606612.2	4122020	1.03069	59.61	313.5	1.5	ANNUAL	SRCGP8	5
606632.2	4122020	1.02955	59.97	313.5	1.5	ANNUAL	SRCGP8	5
606652.2	4122020	1.02911	59.95	313.49	1.5	ANNUAL	SRCGP8	5
606672.2	4122020	1.02711	59.85	313.49	1.5	ANNUAL	SRCGP8	5
606692.2	4122020	1.01551	60.25	313.48	1.5	ANNUAL	SRCGP8	5
606712.2	4122020	1.00622	60.24	60.24	1.5	ANNUAL	SRCGP8	5
606732.2	4122020	1.0032	59.77	59.77	1.5	ANNUAL	SRCGP8	5
606752.2	4122020	0.97506	60.42	60.42	1.5	ANNUAL	SRCGP8	5
606772.2	4122020	0.95111	60.85	60.85	1.5	ANNUAL	SRCGP8	5
606792.2	4122020	0.94149	60.48	60.48	1.5	ANNUAL	SRCGP8	5
606812.2	4122020	0.91401	61.07	61.07	1.5	ANNUAL	SRCGP8	5
606832.2	4122020	0.89744	61.04	61.04	1.5	ANNUAL	SRCGP8	5
606852.2	4122020	0.88715	60.63	60.63	1.5	ANNUAL	SRCGP8	5
605632.2	4122040	0.99247	55.8	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4122040	1.03344	55.84	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4122040	1.07837	55.92	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4122040	1.12669	56	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4122040	1.17908	56.09	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4122040	1.23278	56.09	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4122040	1.29286	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4122040	1.35794	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4122040	1.42946	56.3	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4122040	1.50955	56.49	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4122040	1.58615	56.6	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4122040	1.66427	56.73	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4122040	1.74818	56.74	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4122040	1.84016	56.83	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4122040	1.94187	56.95	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4122040	2.05052	57.07	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4122040	2.17671	57.05	313.5	1.5	ANNUAL	SRCGP8	5

605972.2	4122040	2.31287	57.14	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4122040	2.46397	57.23	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4122040	2.63278	57.25	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4122040	2.81603	57.24	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4122040	3.00641	57.27	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4122040	3.1934	57.36	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4122040	2.25792	58.46	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4122040	2.13216	59.32	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4122040	1.91218	59.36	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4122040	1.6398	59.37	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4122040	1.39849	59.25	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4122040	0.9079	59.41	313.5	1.5	ANNUAL	SRCGP8	5
606532.2	4122040	0.91685	59.52	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4122040	0.9384	59.64	313.49	1.5	ANNUAL	SRCGP8	5
606592.2	4122040	0.95014	59.39	313.49	1.5	ANNUAL	SRCGP8	5
606612.2	4122040	0.95558	59.7	313.48	1.5	ANNUAL	SRCGP8	5
606632.2	4122040	0.95858	59.94	313.48	1.5	ANNUAL	SRCGP8	5
606652.2	4122040	0.96163	59.87	312.87	1.5	ANNUAL	SRCGP8	5
606672.2	4122040	0.96188	59.82	59.82	1.5	ANNUAL	SRCGP8	5
606692.2	4122040	0.95261	60.25	60.25	1.5	ANNUAL	SRCGP8	5
606712.2	4122040	0.94578	60.23	60.23	1.5	ANNUAL	SRCGP8	5
606732.2	4122040	0.94619	59.7	59.7	1.5	ANNUAL	SRCGP8	5
606752.2	4122040	0.92069	60.35	60.35	1.5	ANNUAL	SRCGP8	5
606772.2	4122040	0.89981	60.76	60.76	1.5	ANNUAL	SRCGP8	5
606792.2	4122040	0.89397	60.31	60.31	1.5	ANNUAL	SRCGP8	5
606812.2	4122040	0.86935	60.87	60.87	1.5	ANNUAL	SRCGP8	5
606832.2	4122040	0.85543	60.81	60.81	1.5	ANNUAL	SRCGP8	5
606852.2	4122040	0.84662	60.43	60.43	1.5	ANNUAL	SRCGP8	5
605632.2	4122060	1.05824	55.67	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4122060	1.10731	55.84	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4122060	1.15972	55.99	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4122060	1.2077	55.85	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4122060	1.26387	55.86	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4122060	1.32763	55.96	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4122060	1.39573	56.03	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4122060	1.47051	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4122060	1.54991	56.17	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4122060	1.63863	56.29	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4122060	1.73379	56.42	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4122060	1.82698	56.51	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4122060	1.92356	56.61	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4122060	2.0284	56.64	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4122060	2.14314	56.94	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4122060	2.26433	57.06	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4122060	2.40321	56.99	313.5	1.5	ANNUAL	SRCGP8	5
605972.2	4122060	2.53737	57.33	313.5	1.5	ANNUAL	SRCGP8	5
605992.2	4122060	2.6923	57.38	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4122060	2.85541	57.39	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4122060	3.0157	57.52	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4122060	3.17749	57.38	313.5	1.5	ANNUAL	SRCGP8	5
606072.2	4122060	3.31081	57.42	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4122060	2.04252	58.86	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4122060	1.91228	59.32	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4122060	1.71718	59.41	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4122060	1.48719	59.3	313.5	1.5	ANNUAL	SRCGP8	5
606352.2	4122060	1.279	59.31	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4122060	0.87485	59.95	59.95	1.5	ANNUAL	SRCGP8	5
606592.2	4122060	0.88856	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606612.2	4122060	0.89598	59.76	59.76	1.5	ANNUAL	SRCGP8	5
606632.2	4122060	0.90192	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606652.2	4122060	0.90681	59.82	59.82	1.5	ANNUAL	SRCGP8	5
606672.2	4122060	0.90916	59.76	59.76	1.5	ANNUAL	SRCGP8	5
606692.2	4122060	0.90254	60.13	60.13	1.5	ANNUAL	SRCGP8	5

606712.2	4122060	0.89661	60.16	60.16	1.5	ANNUAL	SRCGP8	5
606732.2	4122060	0.89702	59.71	59.71	1.5	ANNUAL	SRCGP8	5
606752.2	4122060	0.87412	60.34	60.34	1.5	ANNUAL	SRCGP8	5
606772.2	4122060	0.85924	60.53	60.53	1.5	ANNUAL	SRCGP8	5
606792.2	4122060	0.85471	60.11	60.11	1.5	ANNUAL	SRCGP8	5
606812.2	4122060	0.83027	60.76	60.76	1.5	ANNUAL	SRCGP8	5
606832.2	4122060	0.81816	60.69	60.69	1.5	ANNUAL	SRCGP8	5
606852.2	4122060	0.81032	60.34	60.34	1.5	ANNUAL	SRCGP8	5
607052.2	4122060	0.67133	60.26	60.26	1.5	ANNUAL	SRCGP8	5
605632.2	4122080	1.11988	55.28	313.5	1.5	ANNUAL	SRCGP8	5
605652.2	4122080	1.17941	55.67	313.5	1.5	ANNUAL	SRCGP8	5
605672.2	4122080	1.23868	55.87	313.5	1.5	ANNUAL	SRCGP8	5
605692.2	4122080	1.28315	55.44	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4122080	1.35156	55.65	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4122080	1.42239	55.76	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4122080	1.49223	55.69	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4122080	1.5744	55.78	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4122080	1.66643	55.93	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4122080	1.75845	55.93	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4122080	1.85633	55.94	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4122080	1.96772	56.12	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4122080	2.081	56.24	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4122080	2.19197	56.21	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4122080	2.32846	56.4	313.5	1.5	ANNUAL	SRCGP8	5
605932.2	4122080	2.46459	56.54	313.5	1.5	ANNUAL	SRCGP8	5
605952.2	4122080	2.60341	56.52	313.5	1.5	ANNUAL	SRCGP8	5
606272.2	4122080	1.86356	58.81	313.5	1.5	ANNUAL	SRCGP8	5
606292.2	4122080	1.734	59.28	313.5	1.5	ANNUAL	SRCGP8	5
606312.2	4122080	1.55975	59.33	313.5	1.5	ANNUAL	SRCGP8	5
606332.2	4122080	1.3641	59.3	313.49	1.5	ANNUAL	SRCGP8	5
606352.2	4122080	1.18454	59.48	313.49	1.5	ANNUAL	SRCGP8	5
606572.2	4122080	0.82575	59.94	59.94	1.5	ANNUAL	SRCGP8	5
606592.2	4122080	0.84006	59.46	59.46	1.5	ANNUAL	SRCGP8	5
606612.2	4122080	0.85097	59.42	59.42	1.5	ANNUAL	SRCGP8	5
606632.2	4122080	0.85805	59.57	59.57	1.5	ANNUAL	SRCGP8	5
606652.2	4122080	0.8635	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606672.2	4122080	0.86705	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606692.2	4122080	0.865	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606712.2	4122080	0.85975	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606732.2	4122080	0.85229	59.86	59.86	1.5	ANNUAL	SRCGP8	5
606752.2	4122080	0.83448	60.33	60.33	1.5	ANNUAL	SRCGP8	5
606772.2	4122080	0.82351	60.39	60.39	1.5	ANNUAL	SRCGP8	5
606792.2	4122080	0.82118	59.93	59.93	1.5	ANNUAL	SRCGP8	5
606812.2	4122080	0.80008	60.46	60.46	1.5	ANNUAL	SRCGP8	5
606892.2	4122080	0.75063	60.42	60.42	1.5	ANNUAL	SRCGP8	5
606912.2	4122080	0.73651	60.49	60.49	1.5	ANNUAL	SRCGP8	5
606932.2	4122080	0.72708	60.24	60.24	1.5	ANNUAL	SRCGP8	5
605632.2	4122100	1.19108	55.21	313.49	1.5	ANNUAL	SRCGP8	5
605652.2	4122100	1.25517	55.57	313.49	1.5	ANNUAL	SRCGP8	5
605672.2	4122100	1.31966	55.76	313.49	1.5	ANNUAL	SRCGP8	5
605692.2	4122100	1.36806	55.3	313.5	1.5	ANNUAL	SRCGP8	5
605712.2	4122100	1.45632	55.89	313.5	1.5	ANNUAL	SRCGP8	5
605732.2	4122100	1.54078	56.15	313.5	1.5	ANNUAL	SRCGP8	5
605752.2	4122100	1.60647	55.79	313.5	1.5	ANNUAL	SRCGP8	5
605772.2	4122100	1.69724	55.89	313.5	1.5	ANNUAL	SRCGP8	5
605792.2	4122100	1.81135	56.3	313.5	1.5	ANNUAL	SRCGP8	5
605812.2	4122100	1.90905	56.22	313.5	1.5	ANNUAL	SRCGP8	5
605832.2	4122100	1.9976	55.9	313.5	1.5	ANNUAL	SRCGP8	5
605852.2	4122100	2.14425	56.57	313.5	1.5	ANNUAL	SRCGP8	5
605872.2	4122100	2.25333	57.11	313.5	1.5	ANNUAL	SRCGP8	5
605892.2	4122100	2.37916	56.55	313.5	1.5	ANNUAL	SRCGP8	5
605912.2	4122100	2.50512	56.81	313.5	1.5	ANNUAL	SRCGP8	5
606572.2	4122100	0.7865	59.9	59.9	1.5	ANNUAL	SRCGP8	5

606592.2	4122100	0.7995	59.6	59.6	1.5	ANNUAL	SRCGP8	5
606612.2	4122100	0.80867	59.76	59.76	1.5	ANNUAL	SRCGP8	5
606632.2	4122100	0.81637	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606652.2	4122100	0.82138	59.93	59.93	1.5	ANNUAL	SRCGP8	5
606672.2	4122100	0.82338	60.02	60.02	1.5	ANNUAL	SRCGP8	5
606692.2	4122100	0.82305	60.02	60.02	1.5	ANNUAL	SRCGP8	5
606712.2	4122100	0.82222	59.86	59.86	1.5	ANNUAL	SRCGP8	5
606852.2	4122100	0.75336	60.08	60.08	1.5	ANNUAL	SRCGP8	5
606872.2	4122100	0.74137	60.09	60.09	1.5	ANNUAL	SRCGP8	5
606892.2	4122100	0.72298	60.5	60.5	1.5	ANNUAL	SRCGP8	5
606912.2	4122100	0.71249	60.39	60.39	1.5	ANNUAL	SRCGP8	5
606932.2	4122100	0.70538	60.04	60.04	1.5	ANNUAL	SRCGP8	5
605632.2	4122120	1.26157	55.07	313.48	1.5	ANNUAL	SRCGP8	5
605652.2	4122120	1.33399	55.54	313.48	1.5	ANNUAL	SRCGP8	5
605672.2	4122120	1.401	55.64	313.48	1.5	ANNUAL	SRCGP8	5
605692.2	4122120	1.45491	55.21	313.48	1.5	ANNUAL	SRCGP8	5
605712.2	4122120	1.55129	55.84	313.48	1.5	ANNUAL	SRCGP8	5
605732.2	4122120	1.64854	56.25	313.48	1.5	ANNUAL	SRCGP8	5
605752.2	4122120	1.71499	55.78	313.49	1.5	ANNUAL	SRCGP8	5
605772.2	4122120	1.81866	56.01	313.49	1.5	ANNUAL	SRCGP8	5
605792.2	4122120	1.94045	56.41	313.48	1.5	ANNUAL	SRCGP8	5
605812.2	4122120	2.03759	56.21	313.49	1.5	ANNUAL	SRCGP8	5
605832.2	4122120	2.14282	56.07	313.49	1.5	ANNUAL	SRCGP8	5
605852.2	4122120	2.28706	56.68	313.49	1.5	ANNUAL	SRCGP8	5
605872.2	4122120	2.39654	57.19	313.48	1.5	ANNUAL	SRCGP8	5
605992.2	4122120	3.08797	56.39	313.5	1.5	ANNUAL	SRCGP8	5
606012.2	4122120	3.16988	56.49	313.5	1.5	ANNUAL	SRCGP8	5
606032.2	4122120	3.21115	56.49	313.5	1.5	ANNUAL	SRCGP8	5
606052.2	4122120	3.21195	56.56	313.5	1.5	ANNUAL	SRCGP8	5
606512.2	4122120	0.72957	59.65	59.65	1.5	ANNUAL	SRCGP8	5
606532.2	4122120	0.73557	59.75	59.75	1.5	ANNUAL	SRCGP8	5
606552.2	4122120	0.74456	59.79	59.79	1.5	ANNUAL	SRCGP8	5
606572.2	4122120	0.75518	59.76	59.76	1.5	ANNUAL	SRCGP8	5
606592.2	4122120	0.76681	59.62	59.62	1.5	ANNUAL	SRCGP8	5
606772.2	4122120	0.76786	59.99	59.99	1.5	ANNUAL	SRCGP8	5
606792.2	4122120	0.75968	59.97	59.97	1.5	ANNUAL	SRCGP8	5
606812.2	4122120	0.75228	59.86	59.86	1.5	ANNUAL	SRCGP8	5
606852.2	4122120	0.72844	60.05	60.05	1.5	ANNUAL	SRCGP8	5
606872.2	4122120	0.71768	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606892.2	4122120	0.70308	60.26	60.26	1.5	ANNUAL	SRCGP8	5
606912.2	4122120	0.6932	60.16	60.16	1.5	ANNUAL	SRCGP8	5
605632.2	4122140	1.33655	55.08	312.88	1.5	ANNUAL	SRCGP8	5
605652.2	4122140	1.41422	55.55	312.88	1.5	ANNUAL	SRCGP8	5
605672.2	4122140	1.47803	55.41	313.48	1.5	ANNUAL	SRCGP8	5
605692.2	4122140	1.54425	55.22	313.48	1.5	ANNUAL	SRCGP8	5
605712.2	4122140	1.64409	55.78	313.48	1.5	ANNUAL	SRCGP8	5
605732.2	4122140	1.74795	56.21	312.88	1.5	ANNUAL	SRCGP8	5
605752.2	4122140	1.81633	55.7	313.48	1.5	ANNUAL	SRCGP8	5
605772.2	4122140	1.93415	56.11	313.48	1.5	ANNUAL	SRCGP8	5
605792.2	4122140	2.05896	56.46	313.48	1.5	ANNUAL	SRCGP8	5
605812.2	4122140	2.15123	56.13	313.48	1.5	ANNUAL	SRCGP8	5
605832.2	4122140	2.27516	56.24	313.48	1.5	ANNUAL	SRCGP8	5
605852.2	4122140	2.41183	56.73	313.48	1.5	ANNUAL	SRCGP8	5
605932.2	4122140	2.84494	56.22	313.48	1.5	ANNUAL	SRCGP8	5
605952.2	4122140	2.92987	56.11	313.48	1.5	ANNUAL	SRCGP8	5
605972.2	4122140	3.03941	56.35	313.48	1.5	ANNUAL	SRCGP8	5
605992.2	4122140	3.10017	56.34	313.48	1.5	ANNUAL	SRCGP8	5
606012.2	4122140	3.12996	56.31	313.48	1.5	ANNUAL	SRCGP8	5
606032.2	4122140	3.12968	56.32	313.48	1.5	ANNUAL	SRCGP8	5
606052.2	4122140	3.08732	56.32	313.48	1.5	ANNUAL	SRCGP8	5
606072.2	4122140	3.02191	56.51	313.48	1.5	ANNUAL	SRCGP8	5
606132.2	4122140	2.49433	58.06	58.06	1.5	ANNUAL	SRCGP8	5
606152.2	4122140	2.30233	58.04	58.04	1.5	ANNUAL	SRCGP8	5

606172.2	4122140	2.11558	58.19	58.19	1.5	ANNUAL	SRCGP8	5
606652.2	4122140	0.76033	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606672.2	4122140	0.76128	59.96	59.96	1.5	ANNUAL	SRCGP8	5
606712.2	4122140	0.75669	60.03	60.03	1.5	ANNUAL	SRCGP8	5
606732.2	4122140	0.75232	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606752.2	4122140	0.74811	59.97	59.97	1.5	ANNUAL	SRCGP8	5
606772.2	4122140	0.74063	60.02	60.02	1.5	ANNUAL	SRCGP8	5
606792.2	4122140	0.73291	60.03	60.03	1.5	ANNUAL	SRCGP8	5
606812.2	4122140	0.73063	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606832.2	4122140	0.71499	60.06	60.06	1.5	ANNUAL	SRCGP8	5
606852.2	4122140	0.70747	59.93	59.93	1.5	ANNUAL	SRCGP8	5
605632.2	4122160	1.41657	55.27	292.97	1.5	ANNUAL	SRCGP8	5
605652.2	4122160	1.4945	55.59	292.97	1.5	ANNUAL	SRCGP8	5
605672.2	4122160	1.56051	55.4	292.97	1.5	ANNUAL	SRCGP8	5
605692.2	4122160	1.63687	55.38	292.97	1.5	ANNUAL	SRCGP8	5
605712.2	4122160	1.7411	55.91	292.97	1.5	ANNUAL	SRCGP8	5
605732.2	4122160	1.83534	56.02	292.97	1.5	ANNUAL	SRCGP8	5
605752.2	4122160	1.90984	55.6	292.97	1.5	ANNUAL	SRCGP8	5
605772.2	4122160	2.04045	56.19	292.97	1.5	ANNUAL	SRCGP8	5
605792.2	4122160	2.16107	56.42	292.97	1.5	ANNUAL	SRCGP8	5
605812.2	4122160	2.24262	55.93	292.97	1.5	ANNUAL	SRCGP8	5
605832.2	4122160	2.38137	56.28	292.97	1.5	ANNUAL	SRCGP8	5
605912.2	4122160	2.82891	56.36	292.97	1.5	ANNUAL	SRCGP8	5
605932.2	4122160	2.91161	56.3	292.97	1.5	ANNUAL	SRCGP8	5
605952.2	4122160	2.96584	56.12	292.97	1.5	ANNUAL	SRCGP8	5
605972.2	4122160	3.01802	56.11	292.97	1.5	ANNUAL	SRCGP8	5
605992.2	4122160	3.05978	56.22	292.97	1.5	ANNUAL	SRCGP8	5
606012.2	4122160	3.04944	56.15	56.15	1.5	ANNUAL	SRCGP8	5
606032.2	4122160	3.01168	56.14	56.14	1.5	ANNUAL	SRCGP8	5
606052.2	4122160	2.94467	56.19	56.19	1.5	ANNUAL	SRCGP8	5
606072.2	4122160	2.87113	56.49	56.49	1.5	ANNUAL	SRCGP8	5
606132.2	4122160	2.33801	58.03	58.03	1.5	ANNUAL	SRCGP8	5
606152.2	4122160	2.16016	58.1	58.1	1.5	ANNUAL	SRCGP8	5
606172.2	4122160	1.99428	58.22	58.22	1.5	ANNUAL	SRCGP8	5
606512.2	4122160	0.69099	59.43	59.43	1.5	ANNUAL	SRCGP8	5
606532.2	4122160	0.69386	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606552.2	4122160	0.70044	59.57	59.57	1.5	ANNUAL	SRCGP8	5
606652.2	4122160	0.73407	59.85	59.85	1.5	ANNUAL	SRCGP8	5
606672.2	4122160	0.73535	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606712.2	4122160	0.73042	60	60	1.5	ANNUAL	SRCGP8	5
606732.2	4122160	0.72694	60	60	1.5	ANNUAL	SRCGP8	5
606752.2	4122160	0.72298	59.96	59.96	1.5	ANNUAL	SRCGP8	5
606772.2	4122160	0.71776	59.93	59.93	1.5	ANNUAL	SRCGP8	5
606792.2	4122160	0.71191	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606872.2	4122160	0.68008	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606892.2	4122160	0.66966	59.78	59.78	1.5	ANNUAL	SRCGP8	5
606912.2	4122160	0.65751	59.92	59.92	1.5	ANNUAL	SRCGP8	5
605632.2	4122180	1.48726	55.2	292.97	1.5	ANNUAL	SRCGP8	5
605652.2	4122180	1.56397	55.38	292.97	1.5	ANNUAL	SRCGP8	5
605672.2	4122180	1.63426	55.24	292.97	1.5	ANNUAL	SRCGP8	5
605692.2	4122180	1.71829	55.35	292.97	1.5	ANNUAL	SRCGP8	5
605712.2	4122180	1.81722	55.68	292.97	1.5	ANNUAL	SRCGP8	5
605732.2	4122180	1.91342	55.8	292.97	1.5	ANNUAL	SRCGP8	5
605752.2	4122180	1.99493	55.52	292.97	1.5	ANNUAL	SRCGP8	5
605772.2	4122180	2.12829	56.14	292.97	1.5	ANNUAL	SRCGP8	5
605792.2	4122180	2.23581	56.17	292.97	1.5	ANNUAL	SRCGP8	5
605812.2	4122180	2.32131	55.81	292.97	1.5	ANNUAL	SRCGP8	5
605832.2	4122180	2.46828	56.34	292.97	1.5	ANNUAL	SRCGP8	5
605892.2	4122180	2.79112	56.39	292.97	1.5	ANNUAL	SRCGP8	5
605912.2	4122180	2.87651	56.41	292.97	1.5	ANNUAL	SRCGP8	5
605932.2	4122180	2.92405	56.21	292.97	1.5	ANNUAL	SRCGP8	5
605952.2	4122180	2.98193	56.29	292.97	1.5	ANNUAL	SRCGP8	5
605972.2	4122180	3.01837	56.37	56.37	1.5	ANNUAL	SRCGP8	5

605992.2	4122180	3.0145	56.33	56.33	1.5	ANNUAL	SRCGP8	5
606012.2	4122180	2.97027	56.21	56.21	1.5	ANNUAL	SRCGP8	5
606032.2	4122180	2.9097	56.22	56.22	1.5	ANNUAL	SRCGP8	5
606052.2	4122180	2.81598	56.22	56.22	1.5	ANNUAL	SRCGP8	5
606132.2	4122180	2.20355	58.08	58.08	1.5	ANNUAL	SRCGP8	5
606152.2	4122180	2.04283	58.13	58.13	1.5	ANNUAL	SRCGP8	5
606172.2	4122180	1.89499	58.22	58.22	1.5	ANNUAL	SRCGP8	5
606332.2	4122180	1.05564	58.8	58.8	1.5	ANNUAL	SRCGP8	5
606352.2	4122180	0.96864	57.63	59.63	1.5	ANNUAL	SRCGP8	5
606672.2	4122180	0.71386	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606712.2	4122180	0.70705	59.93	59.93	1.5	ANNUAL	SRCGP8	5
606812.2	4122180	0.68689	59.66	59.66	1.5	ANNUAL	SRCGP8	5
606832.2	4122180	0.67849	59.71	59.71	1.5	ANNUAL	SRCGP8	5
606852.2	4122180	0.66827	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606872.2	4122180	0.65905	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606892.2	4122180	0.64973	59.9	59.9	1.5	ANNUAL	SRCGP8	5
606912.2	4122180	0.63982	59.94	59.94	1.5	ANNUAL	SRCGP8	5
605872.2	4122200	2.72165	56.28	292.97	1.5	ANNUAL	SRCGP8	5
605892.2	4122200	2.8238	56.46	292.97	1.5	ANNUAL	SRCGP8	5
605912.2	4122200	2.87611	56.3	56.3	1.5	ANNUAL	SRCGP8	5
605932.2	4122200	2.9119	56.19	56.19	1.5	ANNUAL	SRCGP8	5
605952.2	4122200	2.94624	56.27	56.27	1.5	ANNUAL	SRCGP8	5
605972.2	4122200	2.95347	56.31	56.31	1.5	ANNUAL	SRCGP8	5
605992.2	4122200	2.92323	56.25	56.25	1.5	ANNUAL	SRCGP8	5
606012.2	4122200	2.86612	56.2	56.2	1.5	ANNUAL	SRCGP8	5
606032.2	4122200	2.7892	56.22	56.22	1.5	ANNUAL	SRCGP8	5
606052.2	4122200	2.68847	56.26	56.26	1.5	ANNUAL	SRCGP8	5
606072.2	4122200	2.58407	56.49	56.49	1.5	ANNUAL	SRCGP8	5
606132.2	4122200	2.09294	57.98	57.98	1.5	ANNUAL	SRCGP8	5
606152.2	4122200	1.94579	58.09	58.09	1.5	ANNUAL	SRCGP8	5
606172.2	4122200	1.81293	58.17	58.17	1.5	ANNUAL	SRCGP8	5
606332.2	4122200	1.03689	57.98	57.98	1.5	ANNUAL	SRCGP8	5
606352.2	4122200	0.95673	57.32	57.32	1.5	ANNUAL	SRCGP8	5
606672.2	4122200	0.6962	59.39	59.39	1.5	ANNUAL	SRCGP8	5
606752.2	4122200	0.68138	59.75	59.75	1.5	ANNUAL	SRCGP8	5
606772.2	4122200	0.67709	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606792.2	4122200	0.6701	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606812.2	4122200	0.66402	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606832.2	4122200	0.65724	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606852.2	4122200	0.64909	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606872.2	4122200	0.64046	59.94	59.94	1.5	ANNUAL	SRCGP8	5
606892.2	4122200	0.63359	59.84	59.84	1.5	ANNUAL	SRCGP8	5
605872.2	4122220	2.7472	56.62	56.62	1.5	ANNUAL	SRCGP8	5
605892.2	4122220	2.81602	56.43	56.43	1.5	ANNUAL	SRCGP8	5
605912.2	4122220	2.85917	56.32	56.32	1.5	ANNUAL	SRCGP8	5
605932.2	4122220	2.88938	56.33	56.33	1.5	ANNUAL	SRCGP8	5
605952.2	4122220	2.88705	56.25	56.25	1.5	ANNUAL	SRCGP8	5
605972.2	4122220	2.87595	56.31	56.31	1.5	ANNUAL	SRCGP8	5
605992.2	4122220	2.82973	56.27	56.27	1.5	ANNUAL	SRCGP8	5
606012.2	4122220	2.75653	56.21	56.21	1.5	ANNUAL	SRCGP8	5
606032.2	4122220	2.6698	56.24	56.24	1.5	ANNUAL	SRCGP8	5
606052.2	4122220	2.56893	56.33	56.33	1.5	ANNUAL	SRCGP8	5
606132.2	4122220	1.9928	58.08	58.08	1.5	ANNUAL	SRCGP8	5
606152.2	4122220	1.86033	58.18	58.18	1.5	ANNUAL	SRCGP8	5
606172.2	4122220	1.74106	58.24	58.24	1.5	ANNUAL	SRCGP8	5
606292.2	4122220	1.19474	58.14	58.14	1.5	ANNUAL	SRCGP8	5
606712.2	4122220	0.66482	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606732.2	4122220	0.66191	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606752.2	4122220	0.65769	59.94	59.94	1.5	ANNUAL	SRCGP8	5
606772.2	4122220	0.65477	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606792.2	4122220	0.65054	59.85	59.85	1.5	ANNUAL	SRCGP8	5
606812.2	4122220	0.64477	59.87	59.87	1.5	ANNUAL	SRCGP8	5
605872.2	4122240	2.73272	56.67	56.67	1.5	ANNUAL	SRCGP8	5

605892.2	4122240	2.78768	56.56	56.56	1.5	ANNUAL	SRCGP8	5
605912.2	4122240	2.82324	56.42	56.42	1.5	ANNUAL	SRCGP8	5
605932.2	4122240	2.84335	56.53	56.53	1.5	ANNUAL	SRCGP8	5
605952.2	4122240	2.83417	56.55	56.55	1.5	ANNUAL	SRCGP8	5
605972.2	4122240	2.80142	56.56	56.56	1.5	ANNUAL	SRCGP8	5
605992.2	4122240	2.74646	56.53	56.53	1.5	ANNUAL	SRCGP8	5
606012.2	4122240	2.67014	56.52	56.52	1.5	ANNUAL	SRCGP8	5
606032.2	4122240	2.57435	56.51	56.51	1.5	ANNUAL	SRCGP8	5
606052.2	4122240	2.46223	56.55	56.55	1.5	ANNUAL	SRCGP8	5
606132.2	4122240	1.90748	58.09	58.09	1.5	ANNUAL	SRCGP8	5
606152.2	4122240	1.78656	58.24	58.24	1.5	ANNUAL	SRCGP8	5
606192.2	4122240	1.58502	58.15	58.15	1.5	ANNUAL	SRCGP8	5
606292.2	4122240	1.16541	58.3	58.3	1.5	ANNUAL	SRCGP8	5
606312.2	4122240	1.08066	58.39	58.39	1.5	ANNUAL	SRCGP8	5
606332.2	4122240	0.99874	58.48	58.48	1.5	ANNUAL	SRCGP8	5
606352.2	4122240	0.92318	58.51	58.51	1.5	ANNUAL	SRCGP8	5
606392.2	4122240	0.79711	59.07	59.07	1.5	ANNUAL	SRCGP8	5
606412.2	4122240	0.75265	59.06	59.06	1.5	ANNUAL	SRCGP8	5
606452.2	4122240	0.6935	59.25	59.25	1.5	ANNUAL	SRCGP8	5
606472.2	4122240	0.67547	59.43	59.43	1.5	ANNUAL	SRCGP8	5
606712.2	4122240	0.64387	59.9	59.9	1.5	ANNUAL	SRCGP8	5
606732.2	4122240	0.64151	59.92	59.92	1.5	ANNUAL	SRCGP8	5
606752.2	4122240	0.6394	59.88	59.88	1.5	ANNUAL	SRCGP8	5
605852.2	4122260	2.63999	57.05	57.05	1.5	ANNUAL	SRCGP8	5
605872.2	4122260	2.67975	57.21	57.21	1.5	ANNUAL	SRCGP8	5
605892.2	4122260	2.70966	57.32	57.32	1.5	ANNUAL	SRCGP8	5
605912.2	4122260	2.7279	57.38	57.38	1.5	ANNUAL	SRCGP8	5
605932.2	4122260	2.72457	57.5	57.5	1.5	ANNUAL	SRCGP8	5
605952.2	4122260	2.70927	57.52	57.52	1.5	ANNUAL	SRCGP8	5
605972.2	4122260	2.66272	57.67	57.67	1.5	ANNUAL	SRCGP8	5
605992.2	4122260	2.60021	57.72	57.72	1.5	ANNUAL	SRCGP8	5
606012.2	4122260	2.52183	57.69	57.69	1.5	ANNUAL	SRCGP8	5
606032.2	4122260	2.42375	57.73	57.73	1.5	ANNUAL	SRCGP8	5
606052.2	4122260	2.31319	57.78	57.78	1.5	ANNUAL	SRCGP8	5
606132.2	4122260	1.84577	57.6	57.6	1.5	ANNUAL	SRCGP8	5
606152.2	4122260	1.72641	58.06	58.06	1.5	ANNUAL	SRCGP8	5
606172.2	4122260	1.62601	58.21	58.21	1.5	ANNUAL	SRCGP8	5
606192.2	4122260	1.53805	58.18	58.18	1.5	ANNUAL	SRCGP8	5
606212.2	4122260	1.4577	58.08	58.08	1.5	ANNUAL	SRCGP8	5
606292.2	4122260	1.14321	58.24	58.24	1.5	ANNUAL	SRCGP8	5
606312.2	4122260	1.06312	58.44	58.44	1.5	ANNUAL	SRCGP8	5
606332.2	4122260	0.98634	58.62	58.62	1.5	ANNUAL	SRCGP8	5
606352.2	4122260	0.91531	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606392.2	4122260	0.7964	59.36	59.36	1.5	ANNUAL	SRCGP8	5
606412.2	4122260	0.7527	59.46	59.46	1.5	ANNUAL	SRCGP8	5
606452.2	4122260	0.69199	59.75	59.75	1.5	ANNUAL	SRCGP8	5
606472.2	4122260	0.67296	59.81	59.81	1.5	ANNUAL	SRCGP8	5
606712.2	4122260	0.62851	59.71	59.71	1.5	ANNUAL	SRCGP8	5
605852.2	4122280	2.59483	57.17	57.17	1.5	ANNUAL	SRCGP8	5
605872.2	4122280	2.5501	58.52	58.52	1.5	ANNUAL	SRCGP8	5
605892.2	4122280	2.54697	58.94	58.94	1.5	ANNUAL	SRCGP8	5
605912.2	4122280	2.58784	58.28	59.19	1.5	ANNUAL	SRCGP8	5
605932.2	4122280	2.6236	57.6	57.6	1.5	ANNUAL	SRCGP8	5
605952.2	4122280	2.6006	57.58	57.58	1.5	ANNUAL	SRCGP8	5
605972.2	4122280	2.54528	57.77	57.77	1.5	ANNUAL	SRCGP8	5
605992.2	4122280	2.48263	57.82	57.82	1.5	ANNUAL	SRCGP8	5
606012.2	4122280	2.40671	57.78	57.78	1.5	ANNUAL	SRCGP8	5
606032.2	4122280	2.31219	57.81	57.81	1.5	ANNUAL	SRCGP8	5
606052.2	4122280	2.19805	58.08	58.08	1.5	ANNUAL	SRCGP8	5
606172.2	4122280	1.58013	58.06	58.06	1.5	ANNUAL	SRCGP8	5
606192.2	4122280	1.49578	58.2	58.2	1.5	ANNUAL	SRCGP8	5
606212.2	4122280	1.42	58.15	58.15	1.5	ANNUAL	SRCGP8	5
606232.2	4122280	1.34563	58.18	58.18	1.5	ANNUAL	SRCGP8	5

606292.2	4122280	1.12319	58.3	58.3	1.5	ANNUAL	SRCGP8	5
606312.2	4122280	1.0484	58.48	58.48	1.5	ANNUAL	SRCGP8	5
606332.2	4122280	0.9767	58.66	58.66	1.5	ANNUAL	SRCGP8	5
606352.2	4122280	0.91014	58.83	58.83	1.5	ANNUAL	SRCGP8	5
606372.2	4122280	0.84955	59.12	59.12	1.5	ANNUAL	SRCGP8	5
606392.2	4122280	0.79721	59.4	59.4	1.5	ANNUAL	SRCGP8	5
606412.2	4122280	0.7549	59.45	59.45	1.5	ANNUAL	SRCGP8	5
606432.2	4122280	0.72068	59.54	59.54	1.5	ANNUAL	SRCGP8	5
606452.2	4122280	0.69311	59.75	59.75	1.5	ANNUAL	SRCGP8	5
606472.2	4122280	0.67279	59.79	59.79	1.5	ANNUAL	SRCGP8	5
606492.2	4122280	0.65806	59.75	59.75	1.5	ANNUAL	SRCGP8	5
606512.2	4122280	0.64738	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606532.2	4122280	0.64116	59.51	59.51	1.5	ANNUAL	SRCGP8	5
606552.2	4122280	0.64017	59.15	59.15	1.5	ANNUAL	SRCGP8	5
606572.2	4122280	0.63561	59.16	59.16	1.5	ANNUAL	SRCGP8	5
606892.2	4122280	0.57708	59.51	59.51	1.5	ANNUAL	SRCGP8	5
606912.2	4122280	0.56834	59.68	59.68	1.5	ANNUAL	SRCGP8	5
605632.2	4122300	1.82862	55.35	55.35	1.5	ANNUAL	SRCGP8	5
605652.2	4122300	1.90011	55.4	55.4	1.5	ANNUAL	SRCGP8	5
605672.2	4122300	1.99497	55.97	55.97	1.5	ANNUAL	SRCGP8	5
605692.2	4122300	2.07188	56.08	56.08	1.5	ANNUAL	SRCGP8	5
605852.2	4122300	2.55772	56.96	56.96	1.5	ANNUAL	SRCGP8	5
605872.2	4122300	2.47981	58.66	58.66	1.5	ANNUAL	SRCGP8	5
605892.2	4122300	2.42726	59.9	59.9	1.5	ANNUAL	SRCGP8	5
605912.2	4122300	2.45539	59.11	59.11	1.5	ANNUAL	SRCGP8	5
605932.2	4122300	2.51229	57.78	57.78	1.5	ANNUAL	SRCGP8	5
605952.2	4122300	2.48672	57.67	57.67	1.5	ANNUAL	SRCGP8	5
605972.2	4122300	2.43236	57.77	57.77	1.5	ANNUAL	SRCGP8	5
605992.2	4122300	2.36863	57.81	57.81	1.5	ANNUAL	SRCGP8	5
606012.2	4122300	2.29656	57.78	57.78	1.5	ANNUAL	SRCGP8	5
606032.2	4122300	2.20902	57.79	57.79	1.5	ANNUAL	SRCGP8	5
606052.2	4122300	2.10509	57.96	57.96	1.5	ANNUAL	SRCGP8	5
606292.2	4122300	1.10506	58.39	58.39	1.5	ANNUAL	SRCGP8	5
606312.2	4122300	1.03411	58.65	58.65	1.5	ANNUAL	SRCGP8	5
606332.2	4122300	0.96682	58.85	58.85	1.5	ANNUAL	SRCGP8	5
606352.2	4122300	0.90548	58.89	58.89	1.5	ANNUAL	SRCGP8	5
606392.2	4122300	0.79724	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606412.2	4122300	0.75637	59.49	59.49	1.5	ANNUAL	SRCGP8	5
606432.2	4122300	0.72121	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606452.2	4122300	0.69295	59.81	59.81	1.5	ANNUAL	SRCGP8	5
606472.2	4122300	0.67167	59.79	59.79	1.5	ANNUAL	SRCGP8	5
606492.2	4122300	0.6537	59.85	59.85	1.5	ANNUAL	SRCGP8	5
606512.2	4122300	0.64004	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606832.2	4122300	0.57981	59.44	59.44	1.5	ANNUAL	SRCGP8	5
606852.2	4122300	0.57041	59.77	59.77	1.5	ANNUAL	SRCGP8	5
606872.2	4122300	0.56697	59.64	59.64	1.5	ANNUAL	SRCGP8	5
606892.2	4122300	0.56031	59.72	59.72	1.5	ANNUAL	SRCGP8	5
606912.2	4122300	0.55436	59.72	59.72	1.5	ANNUAL	SRCGP8	5
605632.2	4122320	1.86816	55.6	55.6	1.5	ANNUAL	SRCGP8	5
605652.2	4122320	1.94626	55.89	55.89	1.5	ANNUAL	SRCGP8	5
605672.2	4122320	2.03456	56.38	56.38	1.5	ANNUAL	SRCGP8	5
605692.2	4122320	2.1013	56.37	56.37	1.5	ANNUAL	SRCGP8	5
605772.2	4122320	2.34913	56.92	56.92	1.5	ANNUAL	SRCGP8	5
605792.2	4122320	2.39629	56.99	56.99	1.5	ANNUAL	SRCGP8	5
605852.2	4122320	2.46402	57.46	59.49	1.5	ANNUAL	SRCGP8	5
605872.2	4122320	2.37742	59.31	59.31	1.5	ANNUAL	SRCGP8	5
605892.2	4122320	2.35824	59.62	59.62	1.5	ANNUAL	SRCGP8	5
605912.2	4122320	2.34712	59.48	59.48	1.5	ANNUAL	SRCGP8	5
605932.2	4122320	2.40599	57.87	57.87	1.5	ANNUAL	SRCGP8	5
605952.2	4122320	2.40326	57.34	57.34	1.5	ANNUAL	SRCGP8	5
605972.2	4122320	2.324	57.74	57.74	1.5	ANNUAL	SRCGP8	5
605992.2	4122320	2.25783	57.8	57.8	1.5	ANNUAL	SRCGP8	5
606012.2	4122320	2.18338	57.84	57.84	1.5	ANNUAL	SRCGP8	5

606032.2	4122320	2.10219	57.86	57.86	1.5	ANNUAL	SRCGP8	5
606392.2	4122320	0.79668	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606412.2	4122320	0.75643	59.52	59.52	1.5	ANNUAL	SRCGP8	5
606432.2	4122320	0.7227	59.54	59.54	1.5	ANNUAL	SRCGP8	5
606452.2	4122320	0.68941	59.91	59.91	1.5	ANNUAL	SRCGP8	5
606472.2	4122320	0.66795	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606752.2	4122320	0.57629	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606772.2	4122320	0.56943	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606792.2	4122320	0.56632	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606812.2	4122320	0.56444	59.77	59.77	1.5	ANNUAL	SRCGP8	5
606832.2	4122320	0.56115	59.72	59.72	1.5	ANNUAL	SRCGP8	5
606852.2	4122320	0.55454	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606872.2	4122320	0.55235	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606892.2	4122320	0.54718	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606912.2	4122320	0.54178	59.68	59.68	1.5	ANNUAL	SRCGP8	5
605632.2	4122340	1.90526	56.01	56.01	1.5	ANNUAL	SRCGP8	5
605652.2	4122340	1.96494	55.94	55.94	1.5	ANNUAL	SRCGP8	5
605672.2	4122340	2.03776	56.2	56.2	1.5	ANNUAL	SRCGP8	5
605692.2	4122340	2.09954	56.23	56.23	1.5	ANNUAL	SRCGP8	5
605712.2	4122340	2.1649	56.38	56.38	1.5	ANNUAL	SRCGP8	5
605732.2	4122340	2.21108	57.25	57.25	1.5	ANNUAL	SRCGP8	5
605752.2	4122340	2.21421	58.37	58.37	1.5	ANNUAL	SRCGP8	5
605772.2	4122340	2.25679	58.35	58.8	1.5	ANNUAL	SRCGP8	5
605792.2	4122340	2.28357	58.55	58.55	1.5	ANNUAL	SRCGP8	5
605812.2	4122340	2.32385	58.25	59.98	1.5	ANNUAL	SRCGP8	5
605832.2	4122340	2.35154	58.07	59.98	1.5	ANNUAL	SRCGP8	5
605852.2	4122340	2.33856	58.53	58.53	1.5	ANNUAL	SRCGP8	5
605872.2	4122340	2.28906	59.58	59.58	1.5	ANNUAL	SRCGP8	5
605892.2	4122340	2.27589	59.57	59.57	1.5	ANNUAL	SRCGP8	5
605912.2	4122340	2.2477	59.66	59.66	1.5	ANNUAL	SRCGP8	5
605932.2	4122340	2.27859	58.34	59	1.5	ANNUAL	SRCGP8	5
605952.2	4122340	2.26901	57.77	57.77	1.5	ANNUAL	SRCGP8	5
605972.2	4122340	2.21374	57.8	57.8	1.5	ANNUAL	SRCGP8	5
606692.2	4122340	0.56877	59.65	59.65	1.5	ANNUAL	SRCGP8	5
606712.2	4122340	0.56191	59.94	59.94	1.5	ANNUAL	SRCGP8	5
606732.2	4122340	0.55778	60.06	60.06	1.5	ANNUAL	SRCGP8	5
606752.2	4122340	0.55873	59.81	59.81	1.5	ANNUAL	SRCGP8	5
606772.2	4122340	0.55527	59.86	59.86	1.5	ANNUAL	SRCGP8	5
606792.2	4122340	0.55456	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606812.2	4122340	0.55117	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606832.2	4122340	0.54903	59.57	59.57	1.5	ANNUAL	SRCGP8	5
606852.2	4122340	0.54359	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606872.2	4122340	0.5375	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606892.2	4122340	0.53481	59.63	59.63	1.5	ANNUAL	SRCGP8	5
606912.2	4122340	0.52931	59.66	59.66	1.5	ANNUAL	SRCGP8	5
605632.2	4122360	1.91612	55.97	55.97	1.5	ANNUAL	SRCGP8	5
605652.2	4122360	1.97217	55.94	55.94	1.5	ANNUAL	SRCGP8	5
605672.2	4122360	2.04379	56.31	56.31	1.5	ANNUAL	SRCGP8	5
605692.2	4122360	2.10192	56.4	56.4	1.5	ANNUAL	SRCGP8	5
605712.2	4122360	2.15586	56.57	56.57	1.5	ANNUAL	SRCGP8	5
605732.2	4122360	2.18755	57.31	57.31	1.5	ANNUAL	SRCGP8	5
605752.2	4122360	2.16851	58.82	58.82	1.5	ANNUAL	SRCGP8	5
605772.2	4122360	2.16565	59.8	59.8	1.5	ANNUAL	SRCGP8	5
605792.2	4122360	2.19344	59.68	59.68	1.5	ANNUAL	SRCGP8	5
605812.2	4122360	2.19555	60.07	60.07	1.5	ANNUAL	SRCGP8	5
605832.2	4122360	2.21227	59.81	59.81	1.5	ANNUAL	SRCGP8	5
605852.2	4122360	2.22603	59.43	59.43	1.5	ANNUAL	SRCGP8	5
605872.2	4122360	2.20957	59.58	59.58	1.5	ANNUAL	SRCGP8	5
605892.2	4122360	2.18889	59.6	59.6	1.5	ANNUAL	SRCGP8	5
605912.2	4122360	2.1492	59.85	59.85	1.5	ANNUAL	SRCGP8	5
605952.2	4122360	2.17903	57.6	57.6	1.5	ANNUAL	SRCGP8	5
606632.2	4122360	0.5701	59.49	59.49	1.5	ANNUAL	SRCGP8	5
606652.2	4122360	0.55988	59.85	59.85	1.5	ANNUAL	SRCGP8	5

606672.2	4122360	0.55462	59.95	59.95	1.5	ANNUAL	SRCGP8	5
606692.2	4122360	0.55024	60.03	60.03	1.5	ANNUAL	SRCGP8	5
606712.2	4122360	0.55145	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606732.2	4122360	0.54641	59.9	59.9	1.5	ANNUAL	SRCGP8	5
606772.2	4122360	0.54399	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606792.2	4122360	0.54244	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606812.2	4122360	0.53967	59.52	59.52	1.5	ANNUAL	SRCGP8	5
606832.2	4122360	0.53412	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606852.2	4122360	0.5328	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606872.2	4122360	0.52451	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606892.2	4122360	0.52281	59.57	59.57	1.5	ANNUAL	SRCGP8	5
606912.2	4122360	0.51931	59.46	59.46	1.5	ANNUAL	SRCGP8	5
605632.2	4122380	1.92814	56.18	56.18	1.5	ANNUAL	SRCGP8	5
605652.2	4122380	1.97623	56.08	56.08	1.5	ANNUAL	SRCGP8	5
605672.2	4122380	2.04227	56.46	56.46	1.5	ANNUAL	SRCGP8	5
605692.2	4122380	2.08979	56.65	56.65	1.5	ANNUAL	SRCGP8	5
605712.2	4122380	2.1336	56.74	56.74	1.5	ANNUAL	SRCGP8	5
605732.2	4122380	2.15017	57.49	57.49	1.5	ANNUAL	SRCGP8	5
605752.2	4122380	2.12336	59.04	59.04	1.5	ANNUAL	SRCGP8	5
605772.2	4122380	2.1272	59.6	59.6	1.5	ANNUAL	SRCGP8	5
605792.2	4122380	2.13712	59.77	59.77	1.5	ANNUAL	SRCGP8	5
605812.2	4122380	2.1362	60.03	60.03	1.5	ANNUAL	SRCGP8	5
605832.2	4122380	2.15052	59.64	59.64	1.5	ANNUAL	SRCGP8	5
605852.2	4122380	2.1451	59.58	59.58	1.5	ANNUAL	SRCGP8	5
605872.2	4122380	2.12698	59.63	59.63	1.5	ANNUAL	SRCGP8	5
605892.2	4122380	2.10364	59.6	59.6	1.5	ANNUAL	SRCGP8	5
605912.2	4122380	2.06966	59.63	59.63	1.5	ANNUAL	SRCGP8	5
606572.2	4122380	0.58042	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606592.2	4122380	0.57055	59.66	59.66	1.5	ANNUAL	SRCGP8	5
606612.2	4122380	0.56225	59.72	59.72	1.5	ANNUAL	SRCGP8	5
606632.2	4122380	0.55622	59.71	59.71	1.5	ANNUAL	SRCGP8	5
606652.2	4122380	0.54862	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606752.2	4122380	0.53486	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606772.2	4122380	0.52867	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606792.2	4122380	0.52515	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606812.2	4122380	0.52502	59.63	59.63	1.5	ANNUAL	SRCGP8	5
606832.2	4122380	0.52247	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606852.2	4122380	0.52065	59.41	59.41	1.5	ANNUAL	SRCGP8	5
606872.2	4122380	0.51554	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606892.2	4122380	0.50988	59.62	59.62	1.5	ANNUAL	SRCGP8	5
605632.2	4122400	1.92625	56.24	56.24	1.5	ANNUAL	SRCGP8	5
605652.2	4122400	1.96715	56.1	56.1	1.5	ANNUAL	SRCGP8	5
605672.2	4122400	2.02588	56.5	56.5	1.5	ANNUAL	SRCGP8	5
605692.2	4122400	2.06666	56.64	56.64	1.5	ANNUAL	SRCGP8	5
605712.2	4122400	2.10337	56.76	56.76	1.5	ANNUAL	SRCGP8	5
605732.2	4122400	2.10885	57.59	57.59	1.5	ANNUAL	SRCGP8	5
605752.2	4122400	2.07186	59.26	59.26	1.5	ANNUAL	SRCGP8	5
605772.2	4122400	2.07619	59.6	59.6	1.5	ANNUAL	SRCGP8	5
605792.2	4122400	2.08544	59.59	59.59	1.5	ANNUAL	SRCGP8	5
605812.2	4122400	2.08696	59.6	59.6	1.5	ANNUAL	SRCGP8	5
605832.2	4122400	2.0826	59.57	59.57	1.5	ANNUAL	SRCGP8	5
605852.2	4122400	2.07002	59.56	59.56	1.5	ANNUAL	SRCGP8	5
605872.2	4122400	2.03731	59.88	59.88	1.5	ANNUAL	SRCGP8	5
605892.2	4122400	2.02196	59.55	59.55	1.5	ANNUAL	SRCGP8	5
605912.2	4122400	2.01923	58.79	59.2	1.5	ANNUAL	SRCGP8	5
605932.2	4122400	2.05142	57.36	57.36	1.5	ANNUAL	SRCGP8	5
606512.2	4122400	0.61069	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606532.2	4122400	0.59442	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606552.2	4122400	0.58149	59.7	59.7	1.5	ANNUAL	SRCGP8	5
606572.2	4122400	0.57054	59.71	59.71	1.5	ANNUAL	SRCGP8	5
606592.2	4122400	0.56128	59.71	59.71	1.5	ANNUAL	SRCGP8	5
606692.2	4122400	0.53167	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606712.2	4122400	0.52552	59.86	59.86	1.5	ANNUAL	SRCGP8	5

606732.2	4122400	0.52197	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606752.2	4122400	0.52047	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606772.2	4122400	0.5162	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606792.2	4122400	0.51165	59.95	59.95	1.5	ANNUAL	SRCGP8	5
606812.2	4122400	0.51181	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606832.2	4122400	0.50908	59.63	59.63	1.5	ANNUAL	SRCGP8	5
605632.2	4122420	1.9192	56.36	56.36	1.5	ANNUAL	SRCGP8	5
605652.2	4122420	1.96258	56.42	56.42	1.5	ANNUAL	SRCGP8	5
605672.2	4122420	2.00222	56.71	56.71	1.5	ANNUAL	SRCGP8	5
605692.2	4122420	2.03654	56.78	56.78	1.5	ANNUAL	SRCGP8	5
605712.2	4122420	2.06654	56.82	56.82	1.5	ANNUAL	SRCGP8	5
605732.2	4122420	2.07026	57.47	57.47	1.5	ANNUAL	SRCGP8	5
605752.2	4122420	2.0235	59.24	59.24	1.5	ANNUAL	SRCGP8	5
605772.2	4122420	2.02136	59.59	59.59	1.5	ANNUAL	SRCGP8	5
605792.2	4122420	2.02534	59.56	59.56	1.5	ANNUAL	SRCGP8	5
605812.2	4122420	2.02284	59.53	59.53	1.5	ANNUAL	SRCGP8	5
605832.2	4122420	2.01883	59.36	59.36	1.5	ANNUAL	SRCGP8	5
605852.2	4122420	2.00847	59.19	59.19	1.5	ANNUAL	SRCGP8	5
605872.2	4122420	2.01101	58.56	59.97	1.5	ANNUAL	SRCGP8	5
605892.2	4122420	2.00604	58.02	59.56	1.5	ANNUAL	SRCGP8	5
605912.2	4122420	2.01025	57.26	57.26	1.5	ANNUAL	SRCGP8	5
606452.2	4122420	0.66815	59.4	59.4	1.5	ANNUAL	SRCGP8	5
606472.2	4122420	0.64235	59.54	59.54	1.5	ANNUAL	SRCGP8	5
606492.2	4122420	0.61999	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606512.2	4122420	0.60234	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606532.2	4122420	0.59422	59.29	59.29	1.5	ANNUAL	SRCGP8	5
606552.2	4122420	0.57609	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606632.2	4122420	0.53922	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606652.2	4122420	0.52967	59.81	59.81	1.5	ANNUAL	SRCGP8	5
606672.2	4122420	0.52756	59.57	59.57	1.5	ANNUAL	SRCGP8	5
606692.2	4122420	0.51873	59.86	59.86	1.5	ANNUAL	SRCGP8	5
606712.2	4122420	0.51572	59.77	59.77	1.5	ANNUAL	SRCGP8	5
606732.2	4122420	0.51102	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606752.2	4122420	0.50692	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606772.2	4122420	0.50354	59.9	59.9	1.5	ANNUAL	SRCGP8	5
606852.2	4122420	0.49625	59.41	59.41	1.5	ANNUAL	SRCGP8	5
606872.2	4122420	0.49145	59.51	59.51	1.5	ANNUAL	SRCGP8	5
606892.2	4122420	0.48776	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606912.2	4122420	0.48766	59.15	59.15	1.5	ANNUAL	SRCGP8	5
605632.2	4122440	1.90466	56.46	56.46	1.5	ANNUAL	SRCGP8	5
605652.2	4122440	1.9402	56.76	56.76	1.5	ANNUAL	SRCGP8	5
605672.2	4122440	1.97236	56.96	56.96	1.5	ANNUAL	SRCGP8	5
605692.2	4122440	1.9998	56.98	56.98	1.5	ANNUAL	SRCGP8	5
605712.2	4122440	2.0244	56.95	56.95	1.5	ANNUAL	SRCGP8	5
605732.2	4122440	2.02188	57.48	57.48	1.5	ANNUAL	SRCGP8	5
605752.2	4122440	1.99579	58.5	58.96	1.5	ANNUAL	SRCGP8	5
605772.2	4122440	1.99589	58.64	59.06	1.5	ANNUAL	SRCGP8	5
605792.2	4122440	1.99866	58.54	58.54	1.5	ANNUAL	SRCGP8	5
605812.2	4122440	2.00152	58.29	58.29	1.5	ANNUAL	SRCGP8	5
605832.2	4122440	1.9996	58.03	58.03	1.5	ANNUAL	SRCGP8	5
605852.2	4122440	1.99904	57.63	57.63	1.5	ANNUAL	SRCGP8	5
605872.2	4122440	2.00544	57.03	57.03	1.5	ANNUAL	SRCGP8	5
605892.2	4122440	1.97627	57.01	57.01	1.5	ANNUAL	SRCGP8	5
606452.2	4122440	0.65525	59.7	59.7	1.5	ANNUAL	SRCGP8	5
606472.2	4122440	0.63367	59.64	59.64	1.5	ANNUAL	SRCGP8	5
606492.2	4122440	0.61625	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606552.2	4122440	0.57095	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606612.2	4122440	0.53417	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606632.2	4122440	0.52771	59.79	59.79	1.5	ANNUAL	SRCGP8	5
606652.2	4122440	0.52161	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606672.2	4122440	0.51968	59.45	59.45	1.5	ANNUAL	SRCGP8	5
606692.2	4122440	0.5092	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606712.2	4122440	0.5037	59.9	59.9	1.5	ANNUAL	SRCGP8	5

606732.2	4122440	0.50022	59.85	59.85	1.5	ANNUAL	SRCGP8	5
606812.2	4122440	0.48991	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606832.2	4122440	0.48657	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606852.2	4122440	0.48364	59.51	59.51	1.5	ANNUAL	SRCGP8	5
606872.2	4122440	0.48136	59.4	59.4	1.5	ANNUAL	SRCGP8	5
606892.2	4122440	0.47736	59.43	59.43	1.5	ANNUAL	SRCGP8	5
606912.2	4122440	0.47724	59.09	59.09	1.5	ANNUAL	SRCGP8	5
605632.2	4122460	1.87985	56.44	56.44	1.5	ANNUAL	SRCGP8	5
605652.2	4122460	1.91071	56.68	56.68	1.5	ANNUAL	SRCGP8	5
605672.2	4122460	1.93729	56.74	56.74	1.5	ANNUAL	SRCGP8	5
605692.2	4122460	1.95988	56.75	56.75	1.5	ANNUAL	SRCGP8	5
605712.2	4122460	1.9781	56.95	56.95	1.5	ANNUAL	SRCGP8	5
605732.2	4122460	1.98027	57.23	57.23	1.5	ANNUAL	SRCGP8	5
605752.2	4122460	1.98591	57.28	57.28	1.5	ANNUAL	SRCGP8	5
605772.2	4122460	1.99075	57.22	57.22	1.5	ANNUAL	SRCGP8	5
605792.2	4122460	1.99067	57.15	57.15	1.5	ANNUAL	SRCGP8	5
605812.2	4122460	1.98362	57.11	57.11	1.5	ANNUAL	SRCGP8	5
605832.2	4122460	1.9765	56.95	56.95	1.5	ANNUAL	SRCGP8	5
606392.2	4122460	0.74518	58.98	58.98	1.5	ANNUAL	SRCGP8	5
606412.2	4122460	0.71126	59.13	59.13	1.5	ANNUAL	SRCGP8	5
606432.2	4122460	0.67939	59.33	59.33	1.5	ANNUAL	SRCGP8	5
606552.2	4122460	0.55759	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606572.2	4122460	0.54619	59.86	59.86	1.5	ANNUAL	SRCGP8	5
606592.2	4122460	0.53304	60.06	60.06	1.5	ANNUAL	SRCGP8	5
606612.2	4122460	0.52315	60.12	60.12	1.5	ANNUAL	SRCGP8	5
606632.2	4122460	0.51832	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606652.2	4122460	0.514	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606672.2	4122460	0.50936	59.54	59.54	1.5	ANNUAL	SRCGP8	5
606752.2	4122460	0.48979	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606772.2	4122460	0.48394	59.72	59.72	1.5	ANNUAL	SRCGP8	5
606792.2	4122460	0.48194	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606812.2	4122460	0.47647	59.77	59.77	1.5	ANNUAL	SRCGP8	5
606832.2	4122460	0.47549	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606852.2	4122460	0.47158	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606872.2	4122460	0.47033	59.41	59.41	1.5	ANNUAL	SRCGP8	5
606892.2	4122460	0.46519	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606912.2	4122460	0.46587	59.15	59.15	1.5	ANNUAL	SRCGP8	5
606332.2	4122480	0.84461	58.58	58.58	1.5	ANNUAL	SRCGP8	5
606352.2	4122480	0.79785	59.06	59.06	1.5	ANNUAL	SRCGP8	5
606372.2	4122480	0.76289	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606392.2	4122480	0.73112	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606412.2	4122480	0.70229	59.08	59.08	1.5	ANNUAL	SRCGP8	5
606432.2	4122480	0.67458	59.12	59.12	1.5	ANNUAL	SRCGP8	5
606452.2	4122480	0.64243	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606472.2	4122480	0.61292	60.03	60.03	1.5	ANNUAL	SRCGP8	5
606512.2	4122480	0.57409	60.22	60.22	1.5	ANNUAL	SRCGP8	5
606532.2	4122480	0.55973	60.18	60.18	1.5	ANNUAL	SRCGP8	5
606552.2	4122480	0.54845	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606572.2	4122480	0.53736	59.99	59.99	1.5	ANNUAL	SRCGP8	5
606592.2	4122480	0.52549	60.09	60.09	1.5	ANNUAL	SRCGP8	5
606612.2	4122480	0.51963	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606672.2	4122480	0.50147	59.49	59.49	1.5	ANNUAL	SRCGP8	5
606692.2	4122480	0.49293	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606712.2	4122480	0.48919	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606732.2	4122480	0.47997	59.91	59.91	1.5	ANNUAL	SRCGP8	5
606752.2	4122480	0.47671	59.82	59.82	1.5	ANNUAL	SRCGP8	5
606772.2	4122480	0.47073	60	60	1.5	ANNUAL	SRCGP8	5
606792.2	4122480	0.46753	59.96	59.96	1.5	ANNUAL	SRCGP8	5
606812.2	4122480	0.4644	59.93	59.93	1.5	ANNUAL	SRCGP8	5
606832.2	4122480	0.46459	59.6	59.6	1.5	ANNUAL	SRCGP8	5
606852.2	4122480	0.46058	59.66	59.66	1.5	ANNUAL	SRCGP8	5
606872.2	4122480	0.45911	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606892.2	4122480	0.45515	59.53	59.53	1.5	ANNUAL	SRCGP8	5

606912.2	4122480	0.45448	59.25	59.25	1.5	ANNUAL	SRCGP8	5
606332.2	4122500	0.81725	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606372.2	4122500	0.74749	59.23	59.23	1.5	ANNUAL	SRCGP8	5
606392.2	4122500	0.72064	59.06	59.06	1.5	ANNUAL	SRCGP8	5
606412.2	4122500	0.69249	59.06	59.06	1.5	ANNUAL	SRCGP8	5
606432.2	4122500	0.66753	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606472.2	4122500	0.60647	59.97	59.97	1.5	ANNUAL	SRCGP8	5
606492.2	4122500	0.58546	60.12	60.12	1.5	ANNUAL	SRCGP8	5
606512.2	4122500	0.57197	59.9	59.9	1.5	ANNUAL	SRCGP8	5
606532.2	4122500	0.56118	59.62	59.62	1.5	ANNUAL	SRCGP8	5
606632.2	4122500	0.50679	59.6	59.6	1.5	ANNUAL	SRCGP8	5
606652.2	4122500	0.49762	59.7	59.7	1.5	ANNUAL	SRCGP8	5
606672.2	4122500	0.48908	59.82	59.82	1.5	ANNUAL	SRCGP8	5
606692.2	4122500	0.48267	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606712.2	4122500	0.47655	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606732.2	4122500	0.47195	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606752.2	4122500	0.465	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606772.2	4122500	0.46185	59.95	59.95	1.5	ANNUAL	SRCGP8	5
606792.2	4122500	0.46094	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606812.2	4122500	0.45578	59.82	59.82	1.5	ANNUAL	SRCGP8	5
606832.2	4122500	0.45378	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606852.2	4122500	0.45279	59.45	59.45	1.5	ANNUAL	SRCGP8	5
606872.2	4122500	0.44857	59.53	59.53	1.5	ANNUAL	SRCGP8	5
606892.2	4122500	0.44429	59.62	59.62	1.5	ANNUAL	SRCGP8	5
606912.2	4122500	0.44364	59.34	59.34	1.5	ANNUAL	SRCGP8	5
606272.2	4122520	0.91386	58.54	58.54	1.5	ANNUAL	SRCGP8	5
606292.2	4122520	0.8676	59.05	59.05	1.5	ANNUAL	SRCGP8	5
606392.2	4122520	0.70695	59.17	59.17	1.5	ANNUAL	SRCGP8	5
606412.2	4122520	0.68119	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606432.2	4122520	0.65632	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606472.2	4122520	0.60386	59.65	59.65	1.5	ANNUAL	SRCGP8	5
606552.2	4122520	0.54305	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606572.2	4122520	0.53022	59.52	59.52	1.5	ANNUAL	SRCGP8	5
606592.2	4122520	0.5189	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606612.2	4122520	0.50905	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606632.2	4122520	0.50013	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606652.2	4122520	0.49192	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606672.2	4122520	0.47969	59.96	59.96	1.5	ANNUAL	SRCGP8	5
606692.2	4122520	0.47145	60.11	60.11	1.5	ANNUAL	SRCGP8	5
606712.2	4122520	0.46742	59.95	59.95	1.5	ANNUAL	SRCGP8	5
606732.2	4122520	0.46599	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606752.2	4122520	0.45806	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606772.2	4122520	0.45638	59.63	59.63	1.5	ANNUAL	SRCGP8	5
606792.2	4122520	0.45402	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606812.2	4122520	0.45102	59.39	59.39	1.5	ANNUAL	SRCGP8	5
606832.2	4122520	0.44524	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606852.2	4122520	0.44299	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606872.2	4122520	0.43789	59.64	59.64	1.5	ANNUAL	SRCGP8	5
606892.2	4122520	0.43342	59.76	59.76	1.5	ANNUAL	SRCGP8	5
606272.2	4122540	0.88136	59	59	1.5	ANNUAL	SRCGP8	5
606292.2	4122540	0.8469	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606312.2	4122540	0.81709	58.98	58.98	1.5	ANNUAL	SRCGP8	5
606332.2	4122540	0.789	58.82	58.82	1.5	ANNUAL	SRCGP8	5
606352.2	4122540	0.75168	59.17	59.17	1.5	ANNUAL	SRCGP8	5
606372.2	4122540	0.72238	59.19	59.19	1.5	ANNUAL	SRCGP8	5
606392.2	4122540	0.6959	59.14	59.14	1.5	ANNUAL	SRCGP8	5
606412.2	4122540	0.67092	59.1	59.1	1.5	ANNUAL	SRCGP8	5
606432.2	4122540	0.64614	59.15	59.15	1.5	ANNUAL	SRCGP8	5
606492.2	4122540	0.58402	59.26	59.26	1.5	ANNUAL	SRCGP8	5
606512.2	4122540	0.56385	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606532.2	4122540	0.54935	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606552.2	4122540	0.53413	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606572.2	4122540	0.52362	59.5	59.5	1.5	ANNUAL	SRCGP8	5

606592.2	4122540	0.51185	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606612.2	4122540	0.49791	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606632.2	4122540	0.49405	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606652.2	4122540	0.48351	59.65	59.65	1.5	ANNUAL	SRCGP8	5
606672.2	4122540	0.47567	59.68	59.68	1.5	ANNUAL	SRCGP8	5
606692.2	4122540	0.46734	59.81	59.81	1.5	ANNUAL	SRCGP8	5
606712.2	4122540	0.46131	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606732.2	4122540	0.45981	59.44	59.44	1.5	ANNUAL	SRCGP8	5
606752.2	4122540	0.45429	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606772.2	4122540	0.44901	59.52	59.52	1.5	ANNUAL	SRCGP8	5
606792.2	4122540	0.44383	59.6	59.6	1.5	ANNUAL	SRCGP8	5
606812.2	4122540	0.4413	59.46	59.46	1.5	ANNUAL	SRCGP8	5
606832.2	4122540	0.43539	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606852.2	4122540	0.43215	59.64	59.64	1.5	ANNUAL	SRCGP8	5
606872.2	4122540	0.42951	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606892.2	4122540	0.42587	59.59	59.59	1.5	ANNUAL	SRCGP8	5
605632.2	4122560	1.70257	56.47	56.47	1.5	ANNUAL	SRCGP8	5
605652.2	4122560	1.71137	56.51	56.51	1.5	ANNUAL	SRCGP8	5
605672.2	4122560	1.71692	56.69	56.69	1.5	ANNUAL	SRCGP8	5
605692.2	4122560	1.71904	56.62	56.62	1.5	ANNUAL	SRCGP8	5
605712.2	4122560	1.71764	56.64	56.64	1.5	ANNUAL	SRCGP8	5
605732.2	4122560	1.71263	56.66	56.66	1.5	ANNUAL	SRCGP8	5
605752.2	4122560	1.70394	56.66	56.66	1.5	ANNUAL	SRCGP8	5
605772.2	4122560	1.69159	56.76	56.76	1.5	ANNUAL	SRCGP8	5
605792.2	4122560	1.67558	56.72	56.72	1.5	ANNUAL	SRCGP8	5
605812.2	4122560	1.65604	56.79	56.79	1.5	ANNUAL	SRCGP8	5
605832.2	4122560	1.6331	56.82	56.82	1.5	ANNUAL	SRCGP8	5
605852.2	4122560	1.60696	56.81	56.81	1.5	ANNUAL	SRCGP8	5
606292.2	4122560	0.83127	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606312.2	4122560	0.79982	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606332.2	4122560	0.77088	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606352.2	4122560	0.74093	58.98	58.98	1.5	ANNUAL	SRCGP8	5
606492.2	4122560	0.57479	59.36	59.36	1.5	ANNUAL	SRCGP8	5
606512.2	4122560	0.55601	59.54	59.54	1.5	ANNUAL	SRCGP8	5
606532.2	4122560	0.54331	59.41	59.41	1.5	ANNUAL	SRCGP8	5
606552.2	4122560	0.52643	59.67	59.67	1.5	ANNUAL	SRCGP8	5
606572.2	4122560	0.51289	59.79	59.79	1.5	ANNUAL	SRCGP8	5
606592.2	4122560	0.5023	59.77	59.77	1.5	ANNUAL	SRCGP8	5
606612.2	4122560	0.49115	59.87	59.87	1.5	ANNUAL	SRCGP8	5
606632.2	4122560	0.48733	59.45	59.45	1.5	ANNUAL	SRCGP8	5
606652.2	4122560	0.47673	59.63	59.63	1.5	ANNUAL	SRCGP8	5
606672.2	4122560	0.4697	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606692.2	4122560	0.46211	59.63	59.63	1.5	ANNUAL	SRCGP8	5
606712.2	4122560	0.45629	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606732.2	4122560	0.44912	59.7	59.7	1.5	ANNUAL	SRCGP8	5
606752.2	4122560	0.4437	59.71	59.71	1.5	ANNUAL	SRCGP8	5
606772.2	4122560	0.43947	59.65	59.65	1.5	ANNUAL	SRCGP8	5
606792.2	4122560	0.43346	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606812.2	4122560	0.43045	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606832.2	4122560	0.42758	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606852.2	4122560	0.42326	59.66	59.66	1.5	ANNUAL	SRCGP8	5
606872.2	4122560	0.42055	59.58	59.58	1.5	ANNUAL	SRCGP8	5
605632.2	4122580	1.65335	56.22	56.22	1.5	ANNUAL	SRCGP8	5
605652.2	4122580	1.66016	56.26	56.26	1.5	ANNUAL	SRCGP8	5
605672.2	4122580	1.66674	56.39	56.39	1.5	ANNUAL	SRCGP8	5
605692.2	4122580	1.66297	56.29	56.29	1.5	ANNUAL	SRCGP8	5
605712.2	4122580	1.66129	56.36	56.36	1.5	ANNUAL	SRCGP8	5
605732.2	4122580	1.65306	56.33	56.33	1.5	ANNUAL	SRCGP8	5
605752.2	4122580	1.64244	56.33	56.33	1.5	ANNUAL	SRCGP8	5
605772.2	4122580	1.63282	56.48	56.48	1.5	ANNUAL	SRCGP8	5
605792.2	4122580	1.61561	56.51	56.51	1.5	ANNUAL	SRCGP8	5
605812.2	4122580	1.59522	56.51	56.51	1.5	ANNUAL	SRCGP8	5
605832.2	4122580	1.57183	56.56	56.56	1.5	ANNUAL	SRCGP8	5

605852.2	4122580	1.54566	56.58	56.58	1.5	ANNUAL	SRCGP8	5
605872.2	4122580	1.51701	56.62	56.62	1.5	ANNUAL	SRCGP8	5
605892.2	4122580	1.48624	56.62	56.62	1.5	ANNUAL	SRCGP8	5
605912.2	4122580	1.45376	56.61	56.61	1.5	ANNUAL	SRCGP8	5
605932.2	4122580	1.42003	56.61	56.61	1.5	ANNUAL	SRCGP8	5
606252.2	4122580	0.87033	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606272.2	4122580	0.83916	59.03	59.03	1.5	ANNUAL	SRCGP8	5
606292.2	4122580	0.80998	59.03	59.03	1.5	ANNUAL	SRCGP8	5
606312.2	4122580	0.77986	59.1	59.1	1.5	ANNUAL	SRCGP8	5
606472.2	4122580	0.58433	59.36	59.36	1.5	ANNUAL	SRCGP8	5
606492.2	4122580	0.565	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606512.2	4122580	0.54591	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606532.2	4122580	0.5369	59.36	59.36	1.5	ANNUAL	SRCGP8	5
606552.2	4122580	0.51723	59.85	59.85	1.5	ANNUAL	SRCGP8	5
606572.2	4122580	0.50504	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606592.2	4122580	0.49414	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606612.2	4122580	0.48894	59.51	59.51	1.5	ANNUAL	SRCGP8	5
606632.2	4122580	0.47964	59.52	59.52	1.5	ANNUAL	SRCGP8	5
606652.2	4122580	0.47097	59.54	59.54	1.5	ANNUAL	SRCGP8	5
606672.2	4122580	0.46297	59.56	59.56	1.5	ANNUAL	SRCGP8	5
606692.2	4122580	0.45281	59.83	59.83	1.5	ANNUAL	SRCGP8	5
606712.2	4122580	0.44719	59.75	59.75	1.5	ANNUAL	SRCGP8	5
606732.2	4122580	0.44228	59.65	59.65	1.5	ANNUAL	SRCGP8	5
606752.2	4122580	0.43751	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606772.2	4122580	0.43359	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606792.2	4122580	0.4288	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606812.2	4122580	0.42348	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606832.2	4122580	0.41995	59.53	59.53	1.5	ANNUAL	SRCGP8	5
606852.2	4122580	0.41553	59.6	59.6	1.5	ANNUAL	SRCGP8	5
606992.2	4122580	0.39357	59.46	59.46	1.5	ANNUAL	SRCGP8	5
607012.2	4122580	0.39083	59.39	59.39	1.5	ANNUAL	SRCGP8	5
607032.2	4122580	0.38703	59.45	59.45	1.5	ANNUAL	SRCGP8	5
607052.2	4122580	0.38824	58.85	58.85	1.5	ANNUAL	SRCGP8	5
605932.2	4122600	1.36477	56.42	56.42	1.5	ANNUAL	SRCGP8	5
606252.2	4122600	0.84872	58.95	58.95	1.5	ANNUAL	SRCGP8	5
606272.2	4122600	0.8144	59.29	59.29	1.5	ANNUAL	SRCGP8	5
606292.2	4122600	0.78794	59.23	59.23	1.5	ANNUAL	SRCGP8	5
606312.2	4122600	0.76289	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606412.2	4122600	0.64035	59.03	59.03	1.5	ANNUAL	SRCGP8	5
606432.2	4122600	0.61931	59.02	59.02	1.5	ANNUAL	SRCGP8	5
606452.2	4122600	0.59875	59.07	59.07	1.5	ANNUAL	SRCGP8	5
606472.2	4122600	0.58074	59.05	59.05	1.5	ANNUAL	SRCGP8	5
606492.2	4122600	0.55798	59.45	59.45	1.5	ANNUAL	SRCGP8	5
606512.2	4122600	0.54274	59.44	59.44	1.5	ANNUAL	SRCGP8	5
606532.2	4122600	0.52783	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606552.2	4122600	0.51588	59.43	59.43	1.5	ANNUAL	SRCGP8	5
606572.2	4122600	0.50564	59.31	59.31	1.5	ANNUAL	SRCGP8	5
606592.2	4122600	0.49247	59.49	59.49	1.5	ANNUAL	SRCGP8	5
606612.2	4122600	0.48239	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606632.2	4122600	0.47262	59.55	59.55	1.5	ANNUAL	SRCGP8	5
606652.2	4122600	0.46497	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606672.2	4122600	0.45588	59.59	59.59	1.5	ANNUAL	SRCGP8	5
606692.2	4122600	0.44594	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606712.2	4122600	0.44462	59.35	59.35	1.5	ANNUAL	SRCGP8	5
606992.2	4122600	0.38464	59.59	59.59	1.5	ANNUAL	SRCGP8	5
607012.2	4122600	0.38097	59.66	59.66	1.5	ANNUAL	SRCGP8	5
607032.2	4122600	0.37758	59.69	59.69	1.5	ANNUAL	SRCGP8	5
607052.2	4122600	0.38111	58.78	58.78	1.5	ANNUAL	SRCGP8	5
605632.2	4122620	1.5724	56.39	56.39	1.5	ANNUAL	SRCGP8	5
605652.2	4122620	1.57312	56.39	56.39	1.5	ANNUAL	SRCGP8	5
605672.2	4122620	1.57309	56.48	56.48	1.5	ANNUAL	SRCGP8	5
605692.2	4122620	1.56799	56.45	56.45	1.5	ANNUAL	SRCGP8	5
605712.2	4122620	1.55742	56.35	56.35	1.5	ANNUAL	SRCGP8	5

605752.2	4122620	1.52378	56.02	56.02	1.5	ANNUAL	SRCGP8	5
605772.2	4122620	1.5142	56.24	56.24	1.5	ANNUAL	SRCGP8	5
605792.2	4122620	1.49725	56.3	56.3	1.5	ANNUAL	SRCGP8	5
605812.2	4122620	1.47811	56.37	56.37	1.5	ANNUAL	SRCGP8	5
605832.2	4122620	1.45606	56.42	56.42	1.5	ANNUAL	SRCGP8	5
605852.2	4122620	1.42985	56.4	56.4	1.5	ANNUAL	SRCGP8	5
605872.2	4122620	1.40159	56.37	56.37	1.5	ANNUAL	SRCGP8	5
605892.2	4122620	1.37135	56.32	56.32	1.5	ANNUAL	SRCGP8	5
605932.2	4122620	1.31278	56.38	56.38	1.5	ANNUAL	SRCGP8	5
606232.2	4122620	0.85478	58.93	58.93	1.5	ANNUAL	SRCGP8	5
606252.2	4122620	0.82669	59.02	59.02	1.5	ANNUAL	SRCGP8	5
606272.2	4122620	0.79863	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606292.2	4122620	0.77114	59.18	59.18	1.5	ANNUAL	SRCGP8	5
606312.2	4122620	0.74739	59.06	59.06	1.5	ANNUAL	SRCGP8	5
606352.2	4122620	0.69769	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606372.2	4122620	0.67441	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606412.2	4122620	0.63134	58.93	58.93	1.5	ANNUAL	SRCGP8	5
606432.2	4122620	0.61269	58.82	58.82	1.5	ANNUAL	SRCGP8	5
606452.2	4122620	0.59689	58.61	58.61	1.5	ANNUAL	SRCGP8	5
606472.2	4122620	0.57823	58.66	58.66	1.5	ANNUAL	SRCGP8	5
606492.2	4122620	0.55075	59.41	59.41	1.5	ANNUAL	SRCGP8	5
606512.2	4122620	0.53304	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606532.2	4122620	0.51967	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606552.2	4122620	0.50934	59.4	59.4	1.5	ANNUAL	SRCGP8	5
606572.2	4122620	0.49678	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606592.2	4122620	0.48692	59.4	59.4	1.5	ANNUAL	SRCGP8	5
606612.2	4122620	0.47773	59.34	59.34	1.5	ANNUAL	SRCGP8	5
606632.2	4122620	0.46795	59.39	59.39	1.5	ANNUAL	SRCGP8	5
606652.2	4122620	0.46002	59.34	59.34	1.5	ANNUAL	SRCGP8	5
606672.2	4122620	0.44778	59.73	59.73	1.5	ANNUAL	SRCGP8	5
606692.2	4122620	0.44814	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606992.2	4122620	0.37717	59.57	59.57	1.5	ANNUAL	SRCGP8	5
607012.2	4122620	0.37308	59.71	59.71	1.5	ANNUAL	SRCGP8	5
607032.2	4122620	0.36981	59.74	59.74	1.5	ANNUAL	SRCGP8	5
607052.2	4122620	0.36854	59.48	59.48	1.5	ANNUAL	SRCGP8	5
605632.2	4122640	1.52414	56.2	56.2	1.5	ANNUAL	SRCGP8	5
605652.2	4122640	1.52571	56.31	56.31	1.5	ANNUAL	SRCGP8	5
605672.2	4122640	1.52426	56.4	56.4	1.5	ANNUAL	SRCGP8	5
605692.2	4122640	1.51641	56.35	56.35	1.5	ANNUAL	SRCGP8	5
605712.2	4122640	1.5073	56.35	56.35	1.5	ANNUAL	SRCGP8	5
605752.2	4122640	1.47288	56.05	56.05	1.5	ANNUAL	SRCGP8	5
605772.2	4122640	1.46314	56.3	56.3	1.5	ANNUAL	SRCGP8	5
605792.2	4122640	1.44656	56.39	56.39	1.5	ANNUAL	SRCGP8	5
605812.2	4122640	1.42721	56.55	56.55	1.5	ANNUAL	SRCGP8	5
605832.2	4122640	1.40386	56.54	56.54	1.5	ANNUAL	SRCGP8	5
605852.2	4122640	1.37875	56.52	56.52	1.5	ANNUAL	SRCGP8	5
605872.2	4122640	1.35218	56.68	56.68	1.5	ANNUAL	SRCGP8	5
605892.2	4122640	1.32446	56.51	56.51	1.5	ANNUAL	SRCGP8	5
605932.2	4122640	1.26329	56.32	56.32	1.5	ANNUAL	SRCGP8	5
606232.2	4122640	0.83158	59.03	59.03	1.5	ANNUAL	SRCGP8	5
606252.2	4122640	0.80618	59.05	59.05	1.5	ANNUAL	SRCGP8	5
606272.2	4122640	0.78075	59.07	59.07	1.5	ANNUAL	SRCGP8	5
606292.2	4122640	0.75512	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606312.2	4122640	0.73188	59.03	59.03	1.5	ANNUAL	SRCGP8	5
606352.2	4122640	0.68508	58.98	58.98	1.5	ANNUAL	SRCGP8	5
606412.2	4122640	0.62166	58.87	58.87	1.5	ANNUAL	SRCGP8	5
606432.2	4122640	0.60406	58.74	58.74	1.5	ANNUAL	SRCGP8	5
606452.2	4122640	0.58668	58.67	58.67	1.5	ANNUAL	SRCGP8	5
606472.2	4122640	0.56821	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606492.2	4122640	0.54689	59.12	59.12	1.5	ANNUAL	SRCGP8	5
606512.2	4122640	0.5284	59.4	59.4	1.5	ANNUAL	SRCGP8	5
606532.2	4122640	0.5122	59.61	59.61	1.5	ANNUAL	SRCGP8	5
606552.2	4122640	0.50381	59.29	59.29	1.5	ANNUAL	SRCGP8	5

606572.2	4122640	0.49017	59.46	59.46	1.5	ANNUAL	SRCGP8	5
606592.2	4122640	0.48114	59.33	59.33	1.5	ANNUAL	SRCGP8	5
606612.2	4122640	0.46953	59.48	59.48	1.5	ANNUAL	SRCGP8	5
606632.2	4122640	0.4632	59.24	59.24	1.5	ANNUAL	SRCGP8	5
606652.2	4122640	0.45342	59.35	59.35	1.5	ANNUAL	SRCGP8	5
606672.2	4122640	0.45154	58.82	58.82	1.5	ANNUAL	SRCGP8	5
606732.2	4122640	0.4318	58.7	58.7	1.5	ANNUAL	SRCGP8	5
606752.2	4122640	0.42559	58.71	58.71	1.5	ANNUAL	SRCGP8	5
606772.2	4122640	0.41991	58.71	58.71	1.5	ANNUAL	SRCGP8	5
606852.2	4122640	0.40063	58.74	58.74	1.5	ANNUAL	SRCGP8	5
606872.2	4122640	0.39719	58.68	58.68	1.5	ANNUAL	SRCGP8	5
606992.2	4122640	0.36958	59.6	59.6	1.5	ANNUAL	SRCGP8	5
607012.2	4122640	0.36559	59.74	59.74	1.5	ANNUAL	SRCGP8	5
607032.2	4122640	0.36241	59.77	59.77	1.5	ANNUAL	SRCGP8	5
607052.2	4122640	0.35931	59.79	59.79	1.5	ANNUAL	SRCGP8	5
605632.2	4122660	1.47354	55.89	55.89	1.5	ANNUAL	SRCGP8	5
605652.2	4122660	1.47364	56.02	56.02	1.5	ANNUAL	SRCGP8	5
605672.2	4122660	1.46964	56.08	56.08	1.5	ANNUAL	SRCGP8	5
605692.2	4122660	1.46249	56.11	56.11	1.5	ANNUAL	SRCGP8	5
605712.2	4122660	1.45085	56.06	56.06	1.5	ANNUAL	SRCGP8	5
605752.2	4122660	1.41781	55.86	55.86	1.5	ANNUAL	SRCGP8	5
605772.2	4122660	1.40669	56.09	56.09	1.5	ANNUAL	SRCGP8	5
605792.2	4122660	1.38977	56.18	56.18	1.5	ANNUAL	SRCGP8	5
605812.2	4122660	1.37384	56.38	56.38	1.5	ANNUAL	SRCGP8	5
605832.2	4122660	1.34873	56.3	56.3	1.5	ANNUAL	SRCGP8	5
605852.2	4122660	1.32664	56.39	56.39	1.5	ANNUAL	SRCGP8	5
605872.2	4122660	1.3028	56.58	56.58	1.5	ANNUAL	SRCGP8	5
605892.2	4122660	1.27623	56.56	56.56	1.5	ANNUAL	SRCGP8	5
605932.2	4122660	1.21696	56.27	56.27	1.5	ANNUAL	SRCGP8	5
606252.2	4122660	0.78706	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606272.2	4122660	0.76202	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606292.2	4122660	0.73866	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606312.2	4122660	0.71656	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606352.2	4122660	0.672	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606412.2	4122660	0.61092	58.88	58.88	1.5	ANNUAL	SRCGP8	5
606432.2	4122660	0.59299	58.82	58.82	1.5	ANNUAL	SRCGP8	5
606452.2	4122660	0.57349	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606472.2	4122660	0.55815	58.85	58.85	1.5	ANNUAL	SRCGP8	5
606492.2	4122660	0.5439	58.76	58.76	1.5	ANNUAL	SRCGP8	5
606512.2	4122660	0.51966	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606532.2	4122660	0.50647	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606552.2	4122660	0.49464	59.47	59.47	1.5	ANNUAL	SRCGP8	5
606572.2	4122660	0.48747	59.13	59.13	1.5	ANNUAL	SRCGP8	5
606592.2	4122660	0.47501	59.29	59.29	1.5	ANNUAL	SRCGP8	5
606612.2	4122660	0.46572	59.25	59.25	1.5	ANNUAL	SRCGP8	5
606632.2	4122660	0.45675	59.24	59.24	1.5	ANNUAL	SRCGP8	5
606652.2	4122660	0.44608	59.44	59.44	1.5	ANNUAL	SRCGP8	5
606672.2	4122660	0.44537	58.79	58.79	1.5	ANNUAL	SRCGP8	5
606712.2	4122660	0.43368	58.53	58.53	1.5	ANNUAL	SRCGP8	5
606732.2	4122660	0.42499	58.72	58.72	1.5	ANNUAL	SRCGP8	5
606752.2	4122660	0.4183	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606772.2	4122660	0.41256	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606792.2	4122660	0.40722	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606832.2	4122660	0.3975	58.78	58.78	1.5	ANNUAL	SRCGP8	5
606852.2	4122660	0.39316	58.78	58.78	1.5	ANNUAL	SRCGP8	5
606872.2	4122660	0.38786	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606892.2	4122660	0.38373	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606992.2	4122660	0.36219	59.64	59.64	1.5	ANNUAL	SRCGP8	5
607012.2	4122660	0.35836	59.77	59.77	1.5	ANNUAL	SRCGP8	5
607032.2	4122660	0.35546	59.77	59.77	1.5	ANNUAL	SRCGP8	5
605632.2	4122680	1.42625	55.67	55.67	1.5	ANNUAL	SRCGP8	5
605652.2	4122680	1.42273	55.72	55.72	1.5	ANNUAL	SRCGP8	5
605672.2	4122680	1.41703	55.77	55.77	1.5	ANNUAL	SRCGP8	5

605852.2	4122680	1.2711	56.07	56.07	1.5	ANNUAL	SRCGP8	5
605872.2	4122680	1.256	56.62	56.62	1.5	ANNUAL	SRCGP8	5
605892.2	4122680	1.2306	56.71	56.71	1.5	ANNUAL	SRCGP8	5
605932.2	4122680	1.17402	56.25	56.25	1.5	ANNUAL	SRCGP8	5
605952.2	4122680	1.15328	56.78	56.78	1.5	ANNUAL	SRCGP8	5
605972.2	4122680	1.12425	57.09	57.09	1.5	ANNUAL	SRCGP8	5
606252.2	4122680	0.76755	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606272.2	4122680	0.74487	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606312.2	4122680	0.7013	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606352.2	4122680	0.65808	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606372.2	4122680	0.63832	58.95	58.95	1.5	ANNUAL	SRCGP8	5
606392.2	4122680	0.62143	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606412.2	4122680	0.59884	58.99	58.99	1.5	ANNUAL	SRCGP8	5
606432.2	4122680	0.58192	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606452.2	4122680	0.5647	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606472.2	4122680	0.54947	58.86	58.86	1.5	ANNUAL	SRCGP8	5
606492.2	4122680	0.53606	58.74	58.74	1.5	ANNUAL	SRCGP8	5
606512.2	4122680	0.51298	59.44	59.44	1.5	ANNUAL	SRCGP8	5
606532.2	4122680	0.50156	59.32	59.32	1.5	ANNUAL	SRCGP8	5
606552.2	4122680	0.48885	59.38	59.38	1.5	ANNUAL	SRCGP8	5
606572.2	4122680	0.48398	58.86	58.86	1.5	ANNUAL	SRCGP8	5
606592.2	4122680	0.47137	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606612.2	4122680	0.45996	59.19	59.19	1.5	ANNUAL	SRCGP8	5
606632.2	4122680	0.44821	59.44	59.44	1.5	ANNUAL	SRCGP8	5
606652.2	4122680	0.44071	59.36	59.36	1.5	ANNUAL	SRCGP8	5
606732.2	4122680	0.41922	58.66	58.66	1.5	ANNUAL	SRCGP8	5
606752.2	4122680	0.41209	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606772.2	4122680	0.40629	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606792.2	4122680	0.40106	58.73	58.73	1.5	ANNUAL	SRCGP8	5
606812.2	4122680	0.39571	58.76	58.76	1.5	ANNUAL	SRCGP8	5
606832.2	4122680	0.38952	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606852.2	4122680	0.38409	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606872.2	4122680	0.37993	59.05	59.05	1.5	ANNUAL	SRCGP8	5
606892.2	4122680	0.37702	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606992.2	4122680	0.35584	59.57	59.57	1.5	ANNUAL	SRCGP8	5
607012.2	4122680	0.35266	59.61	59.61	1.5	ANNUAL	SRCGP8	5
607032.2	4122680	0.34919	59.7	59.7	1.5	ANNUAL	SRCGP8	5
605632.2	4122700	1.39548	56.12	56.12	1.5	ANNUAL	SRCGP8	5
605652.2	4122700	1.39056	56.16	56.16	1.5	ANNUAL	SRCGP8	5
605672.2	4122700	1.38406	56.22	56.22	1.5	ANNUAL	SRCGP8	5
605692.2	4122700	1.3741	56.22	56.22	1.5	ANNUAL	SRCGP8	5
605712.2	4122700	1.36283	56.25	56.25	1.5	ANNUAL	SRCGP8	5
605752.2	4122700	1.32753	56.02	56.02	1.5	ANNUAL	SRCGP8	5
605772.2	4122700	1.31038	56.04	56.04	1.5	ANNUAL	SRCGP8	5
605792.2	4122700	1.2928	56.11	56.11	1.5	ANNUAL	SRCGP8	5
605812.2	4122700	1.27282	56.14	56.14	1.5	ANNUAL	SRCGP8	5
605852.2	4122700	1.22632	56.07	56.07	1.5	ANNUAL	SRCGP8	5
605872.2	4122700	1.21166	56.63	56.63	1.5	ANNUAL	SRCGP8	5
605892.2	4122700	1.18743	56.78	56.78	1.5	ANNUAL	SRCGP8	5
605932.2	4122700	1.13325	56.22	56.22	1.5	ANNUAL	SRCGP8	5
605952.2	4122700	1.11442	56.78	56.78	1.5	ANNUAL	SRCGP8	5
605972.2	4122700	1.08091	57.33	57.33	1.5	ANNUAL	SRCGP8	5
605992.2	4122700	1.05664	57.38	57.38	1.5	ANNUAL	SRCGP8	5
606012.2	4122700	1.03473	57.36	57.36	1.5	ANNUAL	SRCGP8	5
606032.2	4122700	1.00824	57.56	57.56	1.5	ANNUAL	SRCGP8	5
606112.2	4122700	0.90706	58.46	58.46	1.5	ANNUAL	SRCGP8	5
606132.2	4122700	0.8783	58.93	58.93	1.5	ANNUAL	SRCGP8	5
606412.2	4122700	0.58838	59	59	1.5	ANNUAL	SRCGP8	5
606432.2	4122700	0.57213	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606452.2	4122700	0.55581	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606472.2	4122700	0.54016	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606492.2	4122700	0.52638	58.86	58.86	1.5	ANNUAL	SRCGP8	5
606512.2	4122700	0.51047	59.04	59.04	1.5	ANNUAL	SRCGP8	5

606532.2	4122700	0.49477	59.29	59.29	1.5	ANNUAL	SRCGP8	5
606552.2	4122700	0.48516	59.11	59.11	1.5	ANNUAL	SRCGP8	5
606572.2	4122700	0.47751	58.83	58.83	1.5	ANNUAL	SRCGP8	5
606592.2	4122700	0.46386	59.12	59.12	1.5	ANNUAL	SRCGP8	5
606612.2	4122700	0.4529	59.25	59.25	1.5	ANNUAL	SRCGP8	5
606632.2	4122700	0.44392	59.26	59.26	1.5	ANNUAL	SRCGP8	5
606652.2	4122700	0.43487	59.33	59.33	1.5	ANNUAL	SRCGP8	5
606732.2	4122700	0.41239	58.72	58.72	1.5	ANNUAL	SRCGP8	5
606752.2	4122700	0.40617	58.72	58.72	1.5	ANNUAL	SRCGP8	5
606772.2	4122700	0.40061	58.69	58.69	1.5	ANNUAL	SRCGP8	5
606792.2	4122700	0.39438	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606812.2	4122700	0.38798	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606832.2	4122700	0.38174	59.08	59.08	1.5	ANNUAL	SRCGP8	5
606852.2	4122700	0.37681	59.14	59.14	1.5	ANNUAL	SRCGP8	5
606872.2	4122700	0.37409	58.97	58.97	1.5	ANNUAL	SRCGP8	5
605632.2	4122720	1.34917	55.87	55.87	1.5	ANNUAL	SRCGP8	5
605652.2	4122720	1.34465	55.98	55.98	1.5	ANNUAL	SRCGP8	5
605672.2	4122720	1.33804	56.08	56.08	1.5	ANNUAL	SRCGP8	5
605692.2	4122720	1.33317	56.34	56.34	1.5	ANNUAL	SRCGP8	5
605712.2	4122720	1.31859	56.25	56.25	1.5	ANNUAL	SRCGP8	5
605752.2	4122720	1.28479	56.1	56.1	1.5	ANNUAL	SRCGP8	5
605812.2	4122720	1.23525	56.43	56.43	1.5	ANNUAL	SRCGP8	5
605872.2	4122720	1.16963	56.64	56.64	1.5	ANNUAL	SRCGP8	5
605892.2	4122720	1.14656	56.83	56.83	1.5	ANNUAL	SRCGP8	5
605952.2	4122720	1.0777	56.89	56.89	1.5	ANNUAL	SRCGP8	5
605972.2	4122720	1.04498	57.38	57.38	1.5	ANNUAL	SRCGP8	5
605992.2	4122720	1.02366	57.37	57.37	1.5	ANNUAL	SRCGP8	5
606112.2	4122720	0.88339	58.4	58.4	1.5	ANNUAL	SRCGP8	5
606132.2	4122720	0.85304	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606152.2	4122720	0.83421	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606172.2	4122720	0.81623	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606192.2	4122720	0.80056	58.65	58.65	1.5	ANNUAL	SRCGP8	5
606212.2	4122720	0.77974	58.68	58.68	1.5	ANNUAL	SRCGP8	5
606232.2	4122720	0.75741	58.79	58.79	1.5	ANNUAL	SRCGP8	5
606252.2	4122720	0.73346	59	59	1.5	ANNUAL	SRCGP8	5
606272.2	4122720	0.71147	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606292.2	4122720	0.69219	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606312.2	4122720	0.67281	58.95	58.95	1.5	ANNUAL	SRCGP8	5
606352.2	4122720	0.63532	58.82	58.82	1.5	ANNUAL	SRCGP8	5
606372.2	4122720	0.61741	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606412.2	4122720	0.57792	59.02	59.02	1.5	ANNUAL	SRCGP8	5
606432.2	4122720	0.56218	58.95	58.95	1.5	ANNUAL	SRCGP8	5
606452.2	4122720	0.54685	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606472.2	4122720	0.53148	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606492.2	4122720	0.52029	58.71	58.71	1.5	ANNUAL	SRCGP8	5
606512.2	4122720	0.5044	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606532.2	4122720	0.4894	59.14	59.14	1.5	ANNUAL	SRCGP8	5
606552.2	4122720	0.47952	59	59	1.5	ANNUAL	SRCGP8	5
606572.2	4122720	0.46818	59.05	59.05	1.5	ANNUAL	SRCGP8	5
606592.2	4122720	0.45814	59.05	59.05	1.5	ANNUAL	SRCGP8	5
606612.2	4122720	0.4482	59.1	59.1	1.5	ANNUAL	SRCGP8	5
606632.2	4122720	0.44048	59	59	1.5	ANNUAL	SRCGP8	5
606652.2	4122720	0.43347	58.88	58.88	1.5	ANNUAL	SRCGP8	5
606732.2	4122720	0.40625	58.73	58.73	1.5	ANNUAL	SRCGP8	5
606752.2	4122720	0.39984	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606772.2	4122720	0.39418	58.73	58.73	1.5	ANNUAL	SRCGP8	5
606792.2	4122720	0.38712	58.9	58.9	1.5	ANNUAL	SRCGP8	5
606812.2	4122720	0.38076	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606832.2	4122720	0.37605	59.03	59.03	1.5	ANNUAL	SRCGP8	5
606852.2	4122720	0.37173	59.01	59.01	1.5	ANNUAL	SRCGP8	5
607032.2	4122720	0.34059	59.05	59.05	1.5	ANNUAL	SRCGP8	5
605632.2	4122740	1.299	55.37	55.37	1.5	ANNUAL	SRCGP8	5
605652.2	4122740	1.29277	55.45	55.45	1.5	ANNUAL	SRCGP8	5

605672.2	4122740	1.29078	55.81	55.81	1.5	ANNUAL	SRCGP8	5
605692.2	4122740	1.2848	56.06	56.06	1.5	ANNUAL	SRCGP8	5
605712.2	4122740	1.27481	56.2	56.2	1.5	ANNUAL	SRCGP8	5
605752.2	4122740	1.24022	56.02	56.02	1.5	ANNUAL	SRCGP8	5
605812.2	4122740	1.19355	56.51	56.51	1.5	ANNUAL	SRCGP8	5
605872.2	4122740	1.12979	56.71	56.71	1.5	ANNUAL	SRCGP8	5
605892.2	4122740	1.10787	56.86	56.86	1.5	ANNUAL	SRCGP8	5
605952.2	4122740	1.04295	56.87	56.87	1.5	ANNUAL	SRCGP8	5
605972.2	4122740	1.01395	57.3	57.3	1.5	ANNUAL	SRCGP8	5
605992.2	4122740	0.99305	57.33	57.33	1.5	ANNUAL	SRCGP8	5
606112.2	4122740	0.85997	58.38	58.38	1.5	ANNUAL	SRCGP8	5
606132.2	4122740	0.83229	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606152.2	4122740	0.81223	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606172.2	4122740	0.79427	58.99	58.99	1.5	ANNUAL	SRCGP8	5
606192.2	4122740	0.77836	58.79	58.79	1.5	ANNUAL	SRCGP8	5
606212.2	4122740	0.7582	58.84	58.84	1.5	ANNUAL	SRCGP8	5
606232.2	4122740	0.73924	58.8	58.8	1.5	ANNUAL	SRCGP8	5
606252.2	4122740	0.71742	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606272.2	4122740	0.69833	58.9	58.9	1.5	ANNUAL	SRCGP8	5
606292.2	4122740	0.67816	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606312.2	4122740	0.65952	58.89	58.89	1.5	ANNUAL	SRCGP8	5
606352.2	4122740	0.62371	58.76	58.76	1.5	ANNUAL	SRCGP8	5
606392.2	4122740	0.5921	58.47	58.47	1.5	ANNUAL	SRCGP8	5
606412.2	4122740	0.56891	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606432.2	4122740	0.55429	58.83	58.83	1.5	ANNUAL	SRCGP8	5
606452.2	4122740	0.53797	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606472.2	4122740	0.52499	58.79	58.79	1.5	ANNUAL	SRCGP8	5
606492.2	4122740	0.51216	58.72	58.72	1.5	ANNUAL	SRCGP8	5
606512.2	4122740	0.49427	59.14	59.14	1.5	ANNUAL	SRCGP8	5
606532.2	4122740	0.48423	58.97	58.97	1.5	ANNUAL	SRCGP8	5
606552.2	4122740	0.47261	59	59	1.5	ANNUAL	SRCGP8	5
606572.2	4122740	0.46031	59.16	59.16	1.5	ANNUAL	SRCGP8	5
606592.2	4122740	0.45519	58.73	58.73	1.5	ANNUAL	SRCGP8	5
606612.2	4122740	0.44361	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606632.2	4122740	0.4345	58.98	58.98	1.5	ANNUAL	SRCGP8	5
606732.2	4122740	0.39913	58.86	58.86	1.5	ANNUAL	SRCGP8	5
606752.2	4122740	0.39305	58.85	58.85	1.5	ANNUAL	SRCGP8	5
606772.2	4122740	0.38758	58.81	58.81	1.5	ANNUAL	SRCGP8	5
606792.2	4122740	0.38067	58.97	58.97	1.5	ANNUAL	SRCGP8	5
606812.2	4122740	0.37552	58.97	58.97	1.5	ANNUAL	SRCGP8	5
606832.2	4122740	0.37142	58.88	58.88	1.5	ANNUAL	SRCGP8	5
606952.2	4122740	0.3468	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606972.2	4122740	0.34138	59.33	59.33	1.5	ANNUAL	SRCGP8	5
606992.2	4122740	0.34065	58.99	58.99	1.5	ANNUAL	SRCGP8	5
607012.2	4122740	0.33829	58.9	58.9	1.5	ANNUAL	SRCGP8	5
607032.2	4122740	0.33468	59.01	59.01	1.5	ANNUAL	SRCGP8	5
607052.2	4122740	0.3322	58.96	58.96	1.5	ANNUAL	SRCGP8	5
605632.2	4122760	1.26019	55.34	55.34	1.5	ANNUAL	SRCGP8	5
605652.2	4122760	1.24893	55.21	55.21	1.5	ANNUAL	SRCGP8	5
605672.2	4122760	1.24638	55.59	55.59	1.5	ANNUAL	SRCGP8	5
605692.2	4122760	1.24069	55.89	55.89	1.5	ANNUAL	SRCGP8	5
605712.2	4122760	1.23576	56.3	56.3	1.5	ANNUAL	SRCGP8	5
605752.2	4122760	1.1976	55.94	55.94	1.5	ANNUAL	SRCGP8	5
605772.2	4122760	1.18538	56.19	56.19	1.5	ANNUAL	SRCGP8	5
605812.2	4122760	1.15258	56.43	56.43	1.5	ANNUAL	SRCGP8	5
605832.2	4122760	1.13282	56.44	56.44	1.5	ANNUAL	SRCGP8	5
605872.2	4122760	1.09202	56.66	56.66	1.5	ANNUAL	SRCGP8	5
605892.2	4122760	1.07122	56.85	56.85	1.5	ANNUAL	SRCGP8	5
605912.2	4122760	1.05051	56.7	56.7	1.5	ANNUAL	SRCGP8	5
605952.2	4122760	1.01003	56.83	56.83	1.5	ANNUAL	SRCGP8	5
605972.2	4122760	0.98316	57.28	57.28	1.5	ANNUAL	SRCGP8	5
605992.2	4122760	0.96224	57.37	57.37	1.5	ANNUAL	SRCGP8	5
606112.2	4122760	0.83683	58.4	58.4	1.5	ANNUAL	SRCGP8	5

606132.2	4122760	0.80995	58.99	58.99	1.5	ANNUAL	SRCGP8	5
606152.2	4122760	0.79279	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606172.2	4122760	0.77486	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606192.2	4122760	0.75709	58.93	58.93	1.5	ANNUAL	SRCGP8	5
606212.2	4122760	0.7383	58.95	58.95	1.5	ANNUAL	SRCGP8	5
606232.2	4122760	0.71933	58.97	58.97	1.5	ANNUAL	SRCGP8	5
606252.2	4122760	0.69983	59.02	59.02	1.5	ANNUAL	SRCGP8	5
606272.2	4122760	0.68219	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606292.2	4122760	0.66239	59.02	59.02	1.5	ANNUAL	SRCGP8	5
606312.2	4122760	0.64697	58.8	58.8	1.5	ANNUAL	SRCGP8	5
606352.2	4122760	0.61259	58.68	58.68	1.5	ANNUAL	SRCGP8	5
606392.2	4122760	0.58019	58.55	58.55	1.5	ANNUAL	SRCGP8	5
606412.2	4122760	0.55961	58.89	58.89	1.5	ANNUAL	SRCGP8	5
606432.2	4122760	0.54567	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606452.2	4122760	0.53128	58.74	58.74	1.5	ANNUAL	SRCGP8	5
606472.2	4122760	0.51641	58.81	58.81	1.5	ANNUAL	SRCGP8	5
606492.2	4122760	0.50339	58.79	58.79	1.5	ANNUAL	SRCGP8	5
606512.2	4122760	0.48699	59.13	59.13	1.5	ANNUAL	SRCGP8	5
606532.2	4122760	0.47675	59	59	1.5	ANNUAL	SRCGP8	5
606552.2	4122760	0.46478	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606572.2	4122760	0.45654	58.9	58.9	1.5	ANNUAL	SRCGP8	5
606592.2	4122760	0.44966	58.64	58.64	1.5	ANNUAL	SRCGP8	5
606612.2	4122760	0.43839	58.84	58.84	1.5	ANNUAL	SRCGP8	5
606732.2	4122760	0.39351	58.85	58.85	1.5	ANNUAL	SRCGP8	5
606752.2	4122760	0.38773	58.81	58.81	1.5	ANNUAL	SRCGP8	5
606772.2	4122760	0.38191	58.81	58.81	1.5	ANNUAL	SRCGP8	5
606792.2	4122760	0.37554	58.91	58.91	1.5	ANNUAL	SRCGP8	5
606812.2	4122760	0.37086	58.85	58.85	1.5	ANNUAL	SRCGP8	5
606952.2	4122760	0.34066	59.04	59.04	1.5	ANNUAL	SRCGP8	5
606972.2	4122760	0.33675	59.14	59.14	1.5	ANNUAL	SRCGP8	5
606992.2	4122760	0.33435	59.04	59.04	1.5	ANNUAL	SRCGP8	5
607012.2	4122760	0.3312	59.07	59.07	1.5	ANNUAL	SRCGP8	5
607032.2	4122760	0.3279	59.14	59.14	1.5	ANNUAL	SRCGP8	5
607052.2	4122760	0.32338	59.43	59.43	1.5	ANNUAL	SRCGP8	5
605632.2	4122780	1.23279	55.85	55.85	1.5	ANNUAL	SRCGP8	5
605652.2	4122780	1.21591	55.45	55.45	1.5	ANNUAL	SRCGP8	5
605672.2	4122780	1.20678	55.53	55.53	1.5	ANNUAL	SRCGP8	5
605692.2	4122780	1.20318	55.97	55.97	1.5	ANNUAL	SRCGP8	5
605712.2	4122780	1.19726	56.36	56.36	1.5	ANNUAL	SRCGP8	5
605752.2	4122780	1.15628	55.83	55.83	1.5	ANNUAL	SRCGP8	5
605772.2	4122780	1.14716	56.24	56.24	1.5	ANNUAL	SRCGP8	5
605792.2	4122780	1.13076	56.32	56.32	1.5	ANNUAL	SRCGP8	5
605812.2	4122780	1.11211	56.32	56.32	1.5	ANNUAL	SRCGP8	5
605872.2	4122780	1.0562	56.54	56.54	1.5	ANNUAL	SRCGP8	5
605892.2	4122780	1.03648	56.87	56.87	1.5	ANNUAL	SRCGP8	5
605912.2	4122780	1.01693	56.82	56.82	1.5	ANNUAL	SRCGP8	5
605952.2	4122780	0.97883	56.84	56.84	1.5	ANNUAL	SRCGP8	5
605992.2	4122780	0.93282	57.42	57.42	1.5	ANNUAL	SRCGP8	5
606112.2	4122780	0.81275	58.54	58.54	1.5	ANNUAL	SRCGP8	5
606132.2	4122780	0.7903	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606152.2	4122780	0.77448	58.85	58.85	1.5	ANNUAL	SRCGP8	5
606172.2	4122780	0.75761	58.83	58.83	1.5	ANNUAL	SRCGP8	5
606192.2	4122780	0.73828	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606212.2	4122780	0.72103	58.93	58.93	1.5	ANNUAL	SRCGP8	5
606232.2	4122780	0.70275	58.96	58.96	1.5	ANNUAL	SRCGP8	5
606252.2	4122780	0.6841	59.01	59.01	1.5	ANNUAL	SRCGP8	5
606272.2	4122780	0.6674	58.92	58.92	1.5	ANNUAL	SRCGP8	5
606292.2	4122780	0.65076	58.83	58.83	1.5	ANNUAL	SRCGP8	5
606312.2	4122780	0.63348	58.8	58.8	1.5	ANNUAL	SRCGP8	5
606352.2	4122780	0.5997	58.75	58.75	1.5	ANNUAL	SRCGP8	5
606372.2	4122780	0.58492	58.61	58.61	1.5	ANNUAL	SRCGP8	5
606392.2	4122780	0.5683	58.65	58.65	1.5	ANNUAL	SRCGP8	5
606412.2	4122780	0.55252	58.67	58.67	1.5	ANNUAL	SRCGP8	5

606432.2	4122780	0.53737	58.69	58.69	1.5	ANNUAL	SRCGP8	5
606452.2	4122780	0.52277	58.72	58.72	1.5	ANNUAL	SRCGP8	5
606472.2	4122780	0.50828	58.8	58.8	1.5	ANNUAL	SRCGP8	5
606492.2	4122780	0.49568	58.78	58.78	1.5	ANNUAL	SRCGP8	5
606512.2	4122780	0.48119	58.99	58.99	1.5	ANNUAL	SRCGP8	5
606532.2	4122780	0.47111	58.87	58.87	1.5	ANNUAL	SRCGP8	5
606552.2	4122780	0.4607	58.84	58.84	1.5	ANNUAL	SRCGP8	5
606572.2	4122780	0.44996	58.9	58.9	1.5	ANNUAL	SRCGP8	5
606592.2	4122780	0.44089	58.86	58.86	1.5	ANNUAL	SRCGP8	5
606852.2	4122780	0.35147	59.42	59.42	1.5	ANNUAL	SRCGP8	5
606872.2	4122780	0.34463	59.78	59.78	1.5	ANNUAL	SRCGP8	5
606892.2	4122780	0.33997	59.88	59.88	1.5	ANNUAL	SRCGP8	5
606912.2	4122780	0.33943	59.41	59.41	1.5	ANNUAL	SRCGP8	5
606932.2	4122780	0.33757	59.16	59.16	1.5	ANNUAL	SRCGP8	5
606952.2	4122780	0.33436	59.13	59.13	1.5	ANNUAL	SRCGP8	5
606972.2	4122780	0.33039	59.24	59.24	1.5	ANNUAL	SRCGP8	5
606992.2	4122780	0.32662	59.35	59.35	1.5	ANNUAL	SRCGP8	5
607012.2	4122780	0.32308	59.45	59.45	1.5	ANNUAL	SRCGP8	5
607032.2	4122780	0.31975	59.54	59.54	1.5	ANNUAL	SRCGP8	5
607052.2	4122780	0.31672	59.6	59.6	1.5	ANNUAL	SRCGP8	5
605632.2	4122800	1.19788	55.94	55.94	1.5	ANNUAL	SRCGP8	5
605652.2	4122800	1.1842	55.72	55.72	1.5	ANNUAL	SRCGP8	5
605672.2	4122800	1.16802	55.44	55.44	1.5	ANNUAL	SRCGP8	5
605692.2	4122800	1.16509	55.95	55.95	1.5	ANNUAL	SRCGP8	5
605712.2	4122800	1.15686	56.24	56.24	1.5	ANNUAL	SRCGP8	5
605732.2	4122800	1.14066	56.16	56.16	1.5	ANNUAL	SRCGP8	5
605772.2	4122800	1.10804	56.15	56.15	1.5	ANNUAL	SRCGP8	5
605872.2	4122800	1.02222	56.54	56.54	1.5	ANNUAL	SRCGP8	5
605892.2	4122800	1.00353	56.82	56.82	1.5	ANNUAL	SRCGP8	5
605912.2	4122800	0.98507	56.89	56.89	1.5	ANNUAL	SRCGP8	5
605952.2	4122800	0.94921	56.89	56.89	1.5	ANNUAL	SRCGP8	5
605992.2	4122800	0.90659	57.38	57.38	1.5	ANNUAL	SRCGP8	5
606032.2	4122800	0.87209	57.49	57.49	1.5	ANNUAL	SRCGP8	5
606112.2	4122800	0.79214	58.52	58.52	1.5	ANNUAL	SRCGP8	5
606352.2	4122800	0.5902	58.58	58.58	1.5	ANNUAL	SRCGP8	5
606372.2	4122800	0.57681	58.38	58.38	1.5	ANNUAL	SRCGP8	5
606392.2	4122800	0.55868	58.59	58.59	1.5	ANNUAL	SRCGP8	5
606412.2	4122800	0.54278	58.67	58.67	1.5	ANNUAL	SRCGP8	5
606432.2	4122800	0.52844	58.67	58.67	1.5	ANNUAL	SRCGP8	5
606452.2	4122800	0.51459	58.68	58.68	1.5	ANNUAL	SRCGP8	5
606472.2	4122800	0.50047	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606492.2	4122800	0.48894	58.69	58.69	1.5	ANNUAL	SRCGP8	5
606512.2	4122800	0.47442	58.94	58.94	1.5	ANNUAL	SRCGP8	5
606532.2	4122800	0.46504	58.78	58.78	1.5	ANNUAL	SRCGP8	5
606552.2	4122800	0.45466	58.77	58.77	1.5	ANNUAL	SRCGP8	5
606572.2	4122800	0.44468	58.78	58.78	1.5	ANNUAL	SRCGP8	5
606672.2	4122800	0.39578	59.6	59.6	1.5	ANNUAL	SRCGP8	5
606692.2	4122800	0.38807	59.7	59.7	1.5	ANNUAL	SRCGP8	5
606712.2	4122800	0.38205	59.64	59.64	1.5	ANNUAL	SRCGP8	5
606732.2	4122800	0.37634	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606752.2	4122800	0.37227	59.35	59.35	1.5	ANNUAL	SRCGP8	5
606852.2	4122800	0.34325	59.84	59.84	1.5	ANNUAL	SRCGP8	5
606872.2	4122800	0.33867	59.89	59.89	1.5	ANNUAL	SRCGP8	5
606892.2	4122800	0.33528	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606912.2	4122800	0.3345	59.35	59.35	1.5	ANNUAL	SRCGP8	5
606932.2	4122800	0.33148	59.26	59.26	1.5	ANNUAL	SRCGP8	5
606952.2	4122800	0.32746	59.35	59.35	1.5	ANNUAL	SRCGP8	5
606972.2	4122800	0.32422	59.35	59.35	1.5	ANNUAL	SRCGP8	5
606992.2	4122800	0.32034	59.48	59.48	1.5	ANNUAL	SRCGP8	5
607012.2	4122800	0.31672	59.6	59.6	1.5	ANNUAL	SRCGP8	5
607032.2	4122800	0.31325	59.72	59.72	1.5	ANNUAL	SRCGP8	5
607052.2	4122800	0.30998	59.83	59.83	1.5	ANNUAL	SRCGP8	5
605632.2	4122820	1.16357	56.01	56.01	1.5	ANNUAL	SRCGP8	5

605652.2	4122820	1.15216	55.93	55.93	1.5	ANNUAL	SRCGP8	5
605672.2	4122820	1.13264	55.46	55.46	1.5	ANNUAL	SRCGP8	5
605692.2	4122820	1.12737	55.87	55.87	1.5	ANNUAL	SRCGP8	5
605712.2	4122820	1.11818	56.12	56.12	1.5	ANNUAL	SRCGP8	5
605732.2	4122820	1.10637	56.28	56.28	1.5	ANNUAL	SRCGP8	5
605832.2	4122820	1.0211	56.19	56.19	1.5	ANNUAL	SRCGP8	5
605852.2	4122820	1.00762	56.45	56.45	1.5	ANNUAL	SRCGP8	5
605872.2	4122820	0.98995	56.68	56.68	1.5	ANNUAL	SRCGP8	5
605892.2	4122820	0.97227	56.85	56.85	1.5	ANNUAL	SRCGP8	5
605912.2	4122820	0.95484	56.78	56.78	1.5	ANNUAL	SRCGP8	5
605952.2	4122820	0.92107	56.78	56.78	1.5	ANNUAL	SRCGP8	5
606672.2	4122820	0.38664	60.05	60.05	1.5	ANNUAL	SRCGP8	5
606692.2	4122820	0.37995	60.05	60.05	1.5	ANNUAL	SRCGP8	5
606712.2	4122820	0.37359	60.05	60.05	1.5	ANNUAL	SRCGP8	5
606732.2	4122820	0.36761	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606752.2	4122820	0.36392	59.76	59.76	1.5	ANNUAL	SRCGP8	5
606852.2	4122820	0.33846	59.81	59.81	1.5	ANNUAL	SRCGP8	5
606872.2	4122820	0.33519	59.66	59.66	1.5	ANNUAL	SRCGP8	5
606892.2	4122820	0.33207	59.52	59.52	1.5	ANNUAL	SRCGP8	5
606912.2	4122820	0.33008	59.24	59.24	1.5	ANNUAL	SRCGP8	5
606932.2	4122820	0.32687	59.17	59.17	1.5	ANNUAL	SRCGP8	5
606952.2	4122820	0.3208	59.58	59.58	1.5	ANNUAL	SRCGP8	5
606972.2	4122820	0.31805	59.5	59.5	1.5	ANNUAL	SRCGP8	5
606992.2	4122820	0.31432	59.61	59.61	1.5	ANNUAL	SRCGP8	5
607012.2	4122820	0.31072	59.73	59.73	1.5	ANNUAL	SRCGP8	5
607032.2	4122820	0.30734	59.84	59.84	1.5	ANNUAL	SRCGP8	5
607052.2	4122820	0.3041	59.95	59.95	1.5	ANNUAL	SRCGP8	5
605632.2	4122840	1.1296	56.04	56.04	1.5	ANNUAL	SRCGP8	5
605652.2	4122840	1.11896	56.02	56.02	1.5	ANNUAL	SRCGP8	5
605672.2	4122840	1.10067	55.61	55.61	1.5	ANNUAL	SRCGP8	5
605692.2	4122840	1.08699	55.54	55.54	1.5	ANNUAL	SRCGP8	5
605712.2	4122840	1.08166	56.03	56.03	1.5	ANNUAL	SRCGP8	5
605792.2	4122840	1.01913	55.98	55.98	1.5	ANNUAL	SRCGP8	5
605812.2	4122840	1.00857	56.36	56.36	1.5	ANNUAL	SRCGP8	5
605832.2	4122840	0.99292	56.44	56.44	1.5	ANNUAL	SRCGP8	5
605852.2	4122840	0.97624	56.61	56.61	1.5	ANNUAL	SRCGP8	5
605872.2	4122840	0.95931	56.67	56.67	1.5	ANNUAL	SRCGP8	5
605892.2	4122840	0.94258	56.62	56.62	1.5	ANNUAL	SRCGP8	5
605912.2	4122840	0.92613	56.64	56.64	1.5	ANNUAL	SRCGP8	5
606092.2	4122840	0.77517	57.96	57.96	1.5	ANNUAL	SRCGP8	5
606112.2	4122840	0.76591	57.62	57.62	1.5	ANNUAL	SRCGP8	5
606192.2	4122840	0.70147	57.89	57.89	1.5	ANNUAL	SRCGP8	5
606212.2	4122840	0.68186	58.17	58.17	1.5	ANNUAL	SRCGP8	5
606252.2	4122840	0.64757	58.37	58.37	1.5	ANNUAL	SRCGP8	5
606272.2	4122840	0.63085	58.44	58.44	1.5	ANNUAL	SRCGP8	5
606292.2	4122840	0.61538	58.42	58.42	1.5	ANNUAL	SRCGP8	5
606312.2	4122840	0.59982	58.42	58.42	1.5	ANNUAL	SRCGP8	5
606332.2	4122840	0.5861	58.29	58.29	1.5	ANNUAL	SRCGP8	5
606352.2	4122840	0.5703	58.35	58.35	1.5	ANNUAL	SRCGP8	5
606372.2	4122840	0.55731	58.21	58.21	1.5	ANNUAL	SRCGP8	5
606392.2	4122840	0.54227	58.27	58.27	1.5	ANNUAL	SRCGP8	5
606412.2	4122840	0.52712	58.38	58.38	1.5	ANNUAL	SRCGP8	5
606432.2	4122840	0.51254	58.49	58.49	1.5	ANNUAL	SRCGP8	5
606452.2	4122840	0.49985	58.48	58.48	1.5	ANNUAL	SRCGP8	5
606672.2	4122840	0.38144	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606692.2	4122840	0.37486	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606712.2	4122840	0.36858	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606732.2	4122840	0.3626	60.04	60.04	1.5	ANNUAL	SRCGP8	5
606752.2	4122840	0.35997	59.62	59.62	1.5	ANNUAL	SRCGP8	5
606852.2	4122840	0.33414	59.73	59.73	1.5	ANNUAL	SRCGP8	5
606872.2	4122840	0.33218	59.38	59.38	1.5	ANNUAL	SRCGP8	5
606892.2	4122840	0.329	59.24	59.24	1.5	ANNUAL	SRCGP8	5
606912.2	4122840	0.32602	59.1	59.1	1.5	ANNUAL	SRCGP8	5

606932.2	4122840	0.3225	59.07	59.07	1.5	ANNUAL	SRCGP8	5
606952.2	4122840	0.31484	59.74	59.74	1.5	ANNUAL	SRCGP8	5
606972.2	4122840	0.3119	59.69	59.69	1.5	ANNUAL	SRCGP8	5
606992.2	4122840	0.30853	59.74	59.74	1.5	ANNUAL	SRCGP8	5
607012.2	4122840	0.30495	59.86	59.86	1.5	ANNUAL	SRCGP8	5
607032.2	4122840	0.3016	59.97	59.97	1.5	ANNUAL	SRCGP8	5
607052.2	4122840	0.29881	60	60	1.5	ANNUAL	SRCGP8	5
606158.5	4121900	1.3042	57.39	313.5	1.5	ANNUAL	SRCGP8	5
606169	4121883	1.15738	57.41	313.5	1.5	ANNUAL	SRCGP8	5
606132.1	4121801	0.64573	57.52	313.5	1.5	ANNUAL	SRCGP8	5
606385	4122113	0.91141	61.43	61.43	1.5	ANNUAL	SRCGP8	5
606405	4122113	0.84872	61.72	61.72	1.5	ANNUAL	SRCGP8	5
606425	4122113	0.80202	61.52	61.52	1.5	ANNUAL	SRCGP8	5
606445	4122113	0.7648	60.48	60.48	1.5	ANNUAL	SRCGP8	5
606465	4122113	0.74561	59.09	59.09	1.5	ANNUAL	SRCGP8	5
606385	4122133	0.88278	61.8	61.8	1.5	ANNUAL	SRCGP8	5
606405	4122133	0.8149	61.32	61.32	1.5	ANNUAL	SRCGP8	5
606425	4122133	0.76935	60.86	60.86	1.5	ANNUAL	SRCGP8	5
606445	4122133	0.73924	60.28	60.28	1.5	ANNUAL	SRCGP8	5
606465	4122133	0.7226	59.15	59.15	1.5	ANNUAL	SRCGP8	5
606385	4122153	0.84919	60.69	61.52	1.5	ANNUAL	SRCGP8	5
606405	4122153	0.78939	60.54	60.54	1.5	ANNUAL	SRCGP8	5
606425	4122153	0.74784	60.21	60.21	1.5	ANNUAL	SRCGP8	5
606445	4122153	0.72099	59.8	59.8	1.5	ANNUAL	SRCGP8	5
606465	4122153	0.70578	59.25	59.25	1.5	ANNUAL	SRCGP8	5
606385	4122173	0.83938	57.94	61.91	1.5	ANNUAL	SRCGP8	5
606405	4122173	0.77812	58.59	60.32	1.5	ANNUAL	SRCGP8	5
606425	4122173	0.7387	58.64	58.64	1.5	ANNUAL	SRCGP8	5
606445	4122173	0.71729	57.99	59.8	1.5	ANNUAL	SRCGP8	5
606465	4122173	0.70094	58.06	59.47	1.5	ANNUAL	SRCGP8	5
606385	4122193	0.83925	57.29	57.29	1.5	ANNUAL	SRCGP8	5
606405	4122193	0.78488	57.3	57.3	1.5	ANNUAL	SRCGP8	5
606425	4122193	0.7449	57.36	57.36	1.5	ANNUAL	SRCGP8	5
606445	4122193	0.72331	57.02	57.02	1.5	ANNUAL	SRCGP8	5
606465	4122193	0.70025	57.48	58.37	1.5	ANNUAL	SRCGP8	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP9
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.2327	56.12	313.5	1.5	ANNUAL	SRCGP9	5	
605652.2	4121420	0.23528	56.27	313.5	1.5	ANNUAL	SRCGP9	5	
605672.2	4121420	0.23421	55.57	313.5	1.5	ANNUAL	SRCGP9	5	
605692.2	4121420	0.23769	55.91	313.5	1.5	ANNUAL	SRCGP9	5	
605712.2	4121420	0.24152	56.29	313.5	1.5	ANNUAL	SRCGP9	5	
605732.2	4121420	0.24477	56.54	313.5	1.5	ANNUAL	SRCGP9	5	
605752.2	4121420	0.24709	56.56	313.5	1.5	ANNUAL	SRCGP9	5	
605772.2	4121420	0.24953	56.68	313.5	1.5	ANNUAL	SRCGP9	5	
605792.2	4121420	0.25212	56.74	313.5	1.5	ANNUAL	SRCGP9	5	
605812.2	4121420	0.25488	56.85	313.5	1.5	ANNUAL	SRCGP9	5	
605832.2	4121420	0.25783	56.94	313.5	1.5	ANNUAL	SRCGP9	5	
605852.2	4121420	0.26102	56.97	313.5	1.5	ANNUAL	SRCGP9	5	
605872.2	4121420	0.26447	56.99	313.5	1.5	ANNUAL	SRCGP9	5	
605892.2	4121420	0.26411	57.31	313.5	1.5	ANNUAL	SRCGP9	5	
605912.2	4121420	0.26893	57.25	313.5	1.5	ANNUAL	SRCGP9	5	
605932.2	4121420	0.27237	57.32	313.5	1.5	ANNUAL	SRCGP9	5	
605952.2	4121420	0.27622	57.39	313.5	1.5	ANNUAL	SRCGP9	5	
605972.2	4121420	0.28135	57.4	313.5	1.5	ANNUAL	SRCGP9	5	
605992.2	4121420	0.28519	57.54	313.5	1.5	ANNUAL	SRCGP9	5	
606012.2	4121420	0.28997	57.65	313.5	1.5	ANNUAL	SRCGP9	5	
606032.2	4121420	0.29698	57.64	313.5	1.5	ANNUAL	SRCGP9	5	
606052.2	4121420	0.30409	57.67	313.5	1.5	ANNUAL	SRCGP9	5	
606072.2	4121420	0.31192	57.7	313.5	1.5	ANNUAL	SRCGP9	5	
606092.2	4121420	0.32281	57.58	313.5	1.5	ANNUAL	SRCGP9	5	
606112.2	4121420	0.33765	57.29	313.5	1.5	ANNUAL	SRCGP9	5	
606132.2	4121420	0.34315	57.65	313.5	1.5	ANNUAL	SRCGP9	5	
606152.2	4121420	0.35402	57.77	313.5	1.5	ANNUAL	SRCGP9	5	
606172.2	4121420	0.36704	57.87	313.5	1.5	ANNUAL	SRCGP9	5	
606192.2	4121420	0.38354	57.9	313.5	1.5	ANNUAL	SRCGP9	5	
606212.2	4121420	0.40396	57.87	313.5	1.5	ANNUAL	SRCGP9	5	
606232.2	4121420	0.42658	57.92	313.5	1.5	ANNUAL	SRCGP9	5	
606252.2	4121420	0.45351	57.96	313.5	1.5	ANNUAL	SRCGP9	5	
606272.2	4121420	0.48486	58.02	313.5	1.5	ANNUAL	SRCGP9	5	
606292.2	4121420	0.5211	58.1	313.5	1.5	ANNUAL	SRCGP9	5	
606312.2	4121420	0.56304	58.18	313.5	1.5	ANNUAL	SRCGP9	5	
606332.2	4121420	0.61401	58.12	313.5	1.5	ANNUAL	SRCGP9	5	
606352.2	4121420	0.67024	58.13	313.5	1.5	ANNUAL	SRCGP9	5	
606372.2	4121420	0.73185	58.21	313.5	1.5	ANNUAL	SRCGP9	5	
606392.2	4121420	0.80374	58.18	313.5	1.5	ANNUAL	SRCGP9	5	
606412.2	4121420	0.88124	58.25	313.5	1.5	ANNUAL	SRCGP9	5	
606432.2	4121420	0.96202	58.51	313.5	1.5	ANNUAL	SRCGP9	5	
606452.2	4121420	1.0691	58.21	313.5	1.5	ANNUAL	SRCGP9	5	
606472.2	4121420	1.18704	57.94	313.5	1.5	ANNUAL	SRCGP9	5	
606492.2	4121420	1.30251	58.01	313.5	1.5	ANNUAL	SRCGP9	5	
606512.2	4121420	1.41392	58.38	313.5	1.5	ANNUAL	SRCGP9	5	
606532.2	4121420	1.53812	58.56	313.5	1.5	ANNUAL	SRCGP9	5	
606552.2	4121420	1.683	58.28	313.5	1.5	ANNUAL	SRCGP9	5	
606572.2	4121420	1.82206	58.14	313.5	1.5	ANNUAL	SRCGP9	5	
606592.2	4121420	1.93095	58.6	313.5	1.5	ANNUAL	SRCGP9	5	
606612.2	4121420	2.04778	58.68	313.5	1.5	ANNUAL	SRCGP9	5	
606632.2	4121420	2.15578	58.71	313.5	1.5	ANNUAL	SRCGP9	5	
606652.2	4121420	2.25176	58.72	313.5	1.5	ANNUAL	SRCGP9	5	
606672.2	4121420	2.33049	58.81	313.5	1.5	ANNUAL	SRCGP9	5	
606692.2	4121420	2.39655	58.86	313.5	1.5	ANNUAL	SRCGP9	5	
606712.2	4121420	2.44822	58.92	313.5	1.5	ANNUAL	SRCGP9	5	

606732.2	4121420	2.48753	58.96	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121420	2.51191	59.07	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121420	2.52627	59.16	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121420	2.53064	59.26	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121420	2.52361	59.44	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121420	2.5152	59.46	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121420	2.49668	59.58	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121420	2.47837	59.53	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121420	2.45049	59.61	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121420	2.4173	59.72	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121420	2.38544	59.66	313.5	1.5	ANNUAL	SRCGP9	5
606952.2	4121420	2.36217	59.18	313.5	1.5	ANNUAL	SRCGP9	5
606972.2	4121420	2.30879	59.62	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121420	2.25919	59.87	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121420	2.21407	59.87	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121420	2.1787	59.37	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121420	2.12686	59.49	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121440	0.23953	56.05	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121440	0.24184	56.13	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121440	0.24042	55.38	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121440	0.24567	56.09	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121440	0.24936	56.42	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121440	0.2519	56.49	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121440	0.25419	56.49	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121440	0.25669	56.63	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121440	0.25922	56.78	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121440	0.26191	56.87	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121440	0.26478	56.94	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121440	0.26787	56.97	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121440	0.27107	57.02	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121440	0.27283	57.15	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121440	0.27576	57.22	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121440	0.27878	57.31	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121440	0.28306	57.34	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121440	0.28782	57.37	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121440	0.29181	57.49	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121440	0.29651	57.6	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121440	0.30295	57.63	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121440	0.30979	57.68	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121440	0.31694	57.76	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121440	0.3301	57.5	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121440	0.3444	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121440	0.3506	57.57	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121440	0.36049	57.76	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121440	0.37461	57.79	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121440	0.39114	57.82	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121440	0.4101	57.9	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121440	0.43496	57.84	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121440	0.46204	57.95	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121440	0.49397	58.09	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121440	0.53421	58.08	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121440	0.58045	58.11	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121440	0.6316	58.26	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4121440	0.691	58.36	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121440	0.75802	58.47	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121440	0.83506	58.51	313.5	1.5	ANNUAL	SRCGP9	5
606412.2	4121440	0.92281	58.5	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121440	1.02251	58.44	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121440	1.14848	57.94	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121440	1.26565	58.07	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121440	1.39116	58.23	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121440	1.54088	58	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121440	1.69073	57.91	313.5	1.5	ANNUAL	SRCGP9	5

606552.2	4121440	1.8359	57.95	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121440	1.96507	58.26	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121440	2.09467	58.41	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121440	2.21532	58.52	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121440	2.32201	58.64	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121440	2.41341	58.76	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121440	2.49099	58.83	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121440	2.55092	58.94	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121440	2.59874	58.98	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121440	2.63341	59	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121440	2.65328	59.07	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121440	2.66403	59.09	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121440	2.6648	59.11	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121440	2.65599	59.15	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121440	2.63794	59.23	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121440	2.61438	59.28	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121440	2.58419	59.35	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121440	2.54992	59.39	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121440	2.51012	59.46	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121440	2.46553	59.56	313.5	1.5	ANNUAL	SRCGP9	5
606952.2	4121440	2.43373	59.12	313.5	1.5	ANNUAL	SRCGP9	5
606972.2	4121440	2.36837	59.72	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121440	2.31563	59.82	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121440	2.26333	59.83	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121440	2.21497	59.6	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121440	2.16714	59.27	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121460	0.24739	56.11	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121460	0.24841	55.9	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121460	0.24802	55.4	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121460	0.25365	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121460	0.25733	56.46	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121460	0.25915	56.39	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121460	0.25865	55.88	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121460	0.26135	55.96	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121460	0.26469	56.13	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121460	0.26765	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121460	0.27105	56.31	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121460	0.27462	56.41	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121460	0.27842	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121460	0.28201	56.58	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121460	0.28587	56.68	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121460	0.29012	56.82	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121460	0.29481	56.86	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121460	0.30002	57.01	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121460	0.30542	57.03	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121460	0.30938	57.17	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121460	0.31433	57.29	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121460	0.32099	57.35	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121460	0.33092	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121460	0.34125	57.14	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121460	0.3498	57.2	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121460	0.36064	57.18	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121460	0.37245	57.21	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121460	0.38588	57.28	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121460	0.40206	57.35	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121460	0.42269	57.35	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121460	0.44725	57.38	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121460	0.47628	57.46	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121460	0.51121	57.55	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121460	0.55327	57.62	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121460	0.60271	57.7	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121460	0.65828	57.89	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4121460	0.72387	58	313.5	1.5	ANNUAL	SRCGP9	5

606372.2	4121460	0.79781	58.15	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121460	0.88477	58.16	313.5	1.5	ANNUAL	SRCGP9	5
606412.2	4121460	0.98248	58.19	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121460	1.09557	58.11	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121460	1.22822	57.85	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121460	1.34813	58.35	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121460	1.49091	58.47	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121460	1.65063	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121460	1.81917	58.19	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121460	1.98936	57.99	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121460	2.15015	57.88	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121460	2.29216	57.93	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121460	2.41568	58.06	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121460	2.52055	58.23	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121460	2.60871	58.38	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121460	2.6789	58.53	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121460	2.73412	58.63	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121460	2.77595	58.67	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121460	2.80438	58.68	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121460	2.81998	58.68	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121460	2.82378	58.68	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121460	2.81624	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121460	2.36612	59.77	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121460	2.3078	59.72	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121460	2.24909	59.63	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121460	2.19828	59.14	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121480	0.2563	56.28	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121480	0.25506	55.6	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121480	0.2573	55.65	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121480	0.26227	56.22	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121480	0.26579	56.48	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121480	0.2661	56.14	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121480	0.26594	55.72	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121480	0.27021	56.08	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121480	0.27298	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121480	0.27577	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121480	0.27841	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121480	0.28149	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121480	0.28509	56.32	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121480	0.28886	56.38	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121480	0.2929	56.43	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121480	0.29757	56.51	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121480	0.30209	56.52	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121480	0.30711	56.66	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121480	0.31268	56.66	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121480	0.31881	56.69	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121480	0.32532	56.84	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121480	0.33122	57.06	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121480	0.33498	57.31	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121480	0.34318	57.3	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121480	0.35316	57.23	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121480	0.36191	57.37	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121480	0.37415	57.37	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121480	0.38837	57.39	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121480	0.40533	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121480	0.42732	57.35	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121480	0.45253	57.39	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121480	0.48331	57.44	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121480	0.52041	57.52	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121480	0.56601	57.55	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121480	0.61931	57.64	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121480	0.6814	57.76	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4121480	0.75365	57.87	313.5	1.5	ANNUAL	SRCGP9	5

606372.2	4121480	0.83489	58.06	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121480	0.93119	58.09	313.5	1.5	ANNUAL	SRCGP9	5
606412.2	4121480	1.04677	57.89	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121480	1.17711	57.73	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121480	1.31237	57.9	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121480	1.4589	58.14	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121480	1.61605	58.4	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121480	1.78663	58.5	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121480	1.96436	58.49	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121480	2.14434	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121480	2.31133	58.34	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121480	2.46122	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121480	2.59763	58.32	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121480	2.71428	58.27	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121480	2.80868	58.25	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121480	2.88056	58.27	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121480	2.9322	58.31	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121480	2.96582	58.36	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121480	2.98111	58.46	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121480	2.98118	58.59	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121480	2.97128	58.68	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121480	2.95134	58.76	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121480	2.40601	59.83	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121480	2.34903	59.41	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121480	2.28531	59.21	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121480	2.2183	59.13	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121500	0.264	56.09	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121500	0.26308	55.49	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121500	0.26791	56.02	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121500	0.2719	56.36	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121500	0.27442	56.42	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121500	0.27236	55.68	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121500	0.27755	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121500	0.28173	56.64	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121500	0.28411	56.7	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121500	0.2866	56.83	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121500	0.28922	56.85	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121500	0.292	56.86	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121500	0.295	56.96	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121500	0.29712	57.08	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121500	0.30048	57.09	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121500	0.30287	57.18	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121500	0.30797	57.13	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121500	0.31105	57.23	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121500	0.31664	57.21	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121500	0.32529	56.92	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121500	0.33056	56.99	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121500	0.32844	57.64	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121500	0.33324	57.83	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121500	0.3451	57.47	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121500	0.35643	57.27	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121500	0.36365	57.55	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121500	0.37271	57.84	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121500	0.38899	57.68	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121500	0.40532	57.78	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121500	0.42676	57.77	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121500	0.45282	57.79	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121500	0.48381	57.91	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121500	0.52244	58.01	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121500	0.57079	58.03	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121500	0.62701	58.18	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121500	0.6957	58.21	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4121500	0.77515	58.29	313.5	1.5	ANNUAL	SRCGP9	5

606372.2	4121500	0.86571	58.44	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121500	0.97304	58.43	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121500	1.2538	57.81	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121500	1.41906	57.65	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121500	1.59374	57.7	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121500	1.76981	58.02	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121500	1.95792	58.22	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121500	2.14403	58.47	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121500	2.33069	58.54	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121500	2.50484	58.58	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121500	2.66166	58.59	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121500	2.79381	58.65	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121500	2.90467	58.67	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121500	2.9916	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121500	3.05792	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121500	3.09823	58.8	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121500	3.12345	58.84	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121500	3.13076	58.91	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121500	3.12228	59.01	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121500	3.10243	59.09	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121500	3.07791	59.04	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121500	2.43753	59.84	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121500	2.36436	59.76	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121500	2.29245	59.62	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121500	2.22756	59.17	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121520	0.27069	55.62	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121520	0.27315	55.67	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121520	0.27782	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121520	0.28149	56.37	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121520	0.28254	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121520	0.28053	55.47	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121520	0.28798	56.33	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121520	0.29144	56.64	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121520	0.29381	56.78	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121520	0.29625	56.82	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121520	0.2988	56.78	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121520	0.30149	56.81	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121520	0.30436	56.81	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121520	0.30746	56.98	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121520	0.31082	56.97	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121520	0.31451	57.01	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121520	0.31664	57.12	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121520	0.31971	57.2	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121520	0.32391	57.22	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121520	0.33095	56.77	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121520	0.33545	56.91	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121520	0.33453	57.54	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121520	0.3378	57.84	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121520	0.34863	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121520	0.36022	57.29	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121520	0.37228	57.16	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121520	0.38454	57.17	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121520	0.39958	57.15	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121520	0.41556	57.3	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121520	0.43813	57.26	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121520	0.46391	57.38	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121520	0.49862	57.35	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121520	0.53336	57.9	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121520	0.5843	57.98	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121520	0.64907	57.89	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121520	0.72482	57.91	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4121520	0.81444	57.92	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121520	0.91859	57.95	313.5	1.5	ANNUAL	SRCGP9	5

606432.2	4121520	1.33503	58.1	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121520	1.51262	58.17	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121520	1.71539	58.06	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121520	1.93756	57.85	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121520	2.1598	57.81	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121520	2.3694	57.98	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121520	2.56317	58.24	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121520	2.74072	58.44	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121520	2.8985	58.54	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121520	3.029	58.63	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121520	3.1283	58.78	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121520	3.21123	58.76	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121520	3.25937	58.92	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121520	3.29152	58.98	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121520	3.30597	59.01	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121520	3.30007	59.1	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121520	3.281	59.16	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121520	3.25201	59.16	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121520	3.21208	59.15	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121520	3.02552	59.44	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121520	2.95502	59.43	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121520	2.89067	59.12	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121520	2.80726	59.23	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121520	2.72315	59.3	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121520	2.45432	59.98	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121520	2.37145	59.99	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121520	2.29132	59.92	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121520	2.22503	59.26	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121540	0.27902	55.39	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121540	0.28504	56.05	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121540	0.28858	56.25	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121540	0.29149	56.34	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121540	0.29402	56.37	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121540	0.28998	55.37	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121540	0.29899	56.42	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121540	0.30187	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121540	0.30374	56.43	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121540	0.30673	56.71	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121540	0.30922	56.62	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121540	0.31058	56.35	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121540	0.31457	56.66	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121540	0.31751	56.85	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121540	0.32065	56.84	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121540	0.32404	56.58	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121540	0.32764	56.81	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121540	0.33075	57	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121540	0.33187	57.14	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121540	0.33676	56.64	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121540	0.34081	56.86	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121540	0.34076	57.44	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121540	0.34295	57.82	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121540	0.3541	57.45	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121540	0.36512	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121540	0.37366	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121540	0.38675	57.36	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121540	0.40168	57.36	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121540	0.41878	57.45	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121540	0.44014	57.54	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121540	0.46929	57.46	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121540	0.50327	57.58	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121540	0.54393	57.88	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121540	0.5991	57.92	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121540	0.66578	58.05	313.5	1.5	ANNUAL	SRCGP9	5

606332.2	4121540	0.74953	58.01	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4121540	0.84811	58.04	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121540	1.86314	58.32	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121540	2.10355	58.3	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121540	2.34932	58.26	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121540	2.58981	58.2	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121540	2.81955	58.04	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121540	3.01853	58.01	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121540	3.18005	58.12	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121540	3.30859	58.24	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121540	3.40231	58.39	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121540	3.46903	58.48	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121540	3.50637	58.61	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121540	3.52348	58.69	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121540	3.52126	58.75	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121540	3.49873	58.85	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121540	3.46421	58.89	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121540	3.41729	58.91	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121540	3.3548	59.01	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121540	3.1135	59.44	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121540	3.03403	59.28	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121540	2.94733	59.2	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121540	2.85242	59.28	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121540	2.45799	60.12	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121540	2.37005	60.04	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121540	2.28559	59.88	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121540	2.21165	59.32	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121560	0.28863	55.31	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121560	0.29202	55.47	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121560	0.29677	55.85	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121560	0.2999	55.96	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121560	0.3029	56.05	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121560	0.30029	55.3	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121560	0.30874	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121560	0.31152	56.27	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121560	0.31335	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121560	0.3181	56.51	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121560	0.32017	56.46	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121560	0.31936	56.05	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121560	0.32574	56.53	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121560	0.3285	56.71	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121560	0.33138	56.66	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121560	0.33043	56.08	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121560	0.33665	56.53	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121560	0.33849	56.94	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121560	0.33957	57.09	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121560	0.34327	56.53	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121560	0.34686	56.8	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121560	0.34794	57.31	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121560	0.34832	57.84	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121560	0.36029	57.36	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121560	0.37092	57.19	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121560	0.37828	57.47	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121560	0.39107	57.45	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121560	0.40537	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121560	0.42489	57.44	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121560	0.44658	57.55	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121560	0.47543	57.56	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121560	0.5142	57.43	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121560	0.55992	57.55	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121560	0.61756	57.71	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121560	0.68972	57.88	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121560	0.78431	57.72	313.5	1.5	ANNUAL	SRCGP9	5

606412.2	4121560	1.35667	57.97	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121560	2.3227	58.25	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121560	2.57904	58.57	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121560	2.83628	58.57	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121560	3.07099	58.54	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121560	3.27477	58.5	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121560	3.44441	58.44	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121560	3.57794	58.38	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121560	3.67301	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121560	3.73405	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121560	3.76193	58.41	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121560	3.764	58.45	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121560	3.74399	58.49	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121560	3.70247	58.57	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121560	3.64621	58.63	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121560	3.57704	58.68	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121560	3.09082	59.31	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121560	2.98554	59.35	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121560	2.87742	59.45	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121560	2.45045	60.12	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121560	2.36698	59.57	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121560	2.27728	59.38	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121560	2.18778	59.31	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121580	0.30261	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121580	0.30538	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121580	0.30621	55.58	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121580	0.30872	55.57	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121580	0.31075	55.5	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121580	0.31283	55.45	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121580	0.31582	55.54	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121580	0.31873	55.62	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121580	0.32147	55.68	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121580	0.3247	55.8	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121580	0.32782	55.9	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121580	0.33026	55.91	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121580	0.33249	55.89	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121580	0.33428	55.82	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121580	0.3371	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121580	0.3388	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121580	0.34127	56.04	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121580	0.34341	56.16	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121580	0.3462	56.29	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121580	0.3484	56.29	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121580	0.3538	56.77	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121580	0.35489	57.28	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121580	0.35608	57.7	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121580	0.36789	57.23	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121580	0.37771	57.13	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121580	0.38557	57.37	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121580	0.39763	57.44	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121580	0.41282	57.47	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121580	0.4347	57.23	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121580	0.45494	57.51	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121580	0.48461	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121580	0.52467	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121580	0.57262	57.57	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121580	0.63492	57.71	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121580	0.71361	57.89	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121580	0.8177	57.73	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121580	1.26308	57.88	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121580	2.87741	58.27	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121580	3.14176	58.53	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121580	3.3781	58.67	313.5	1.5	ANNUAL	SRCGP9	5

606572.2	4121580	3.57744	58.74	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121580	3.7374	58.75	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121580	3.85627	58.75	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121580	3.93186	58.81	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121580	3.97162	58.86	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121580	3.97764	58.93	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121580	3.95279	59.06	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121580	3.92201	58.93	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121580	3.8588	59	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121580	3.78082	59.05	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121580	3.69142	59.07	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121580	3.3542	59.51	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121580	3.2367	59.57	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121580	3.11964	59.57	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121580	2.99997	59.63	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121580	2.88343	59.62	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121580	2.42703	60.13	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121580	2.33251	59.82	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121580	2.23781	59.67	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121580	2.1498	59.39	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121600	0.31575	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121600	0.31937	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121600	0.32164	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121600	0.32442	56.1	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121600	0.32792	56.19	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121600	0.33123	56.26	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121600	0.33449	56.33	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121600	0.33763	56.39	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121600	0.34056	56.43	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121600	0.3438	56.51	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121600	0.34633	56.53	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121600	0.34882	56.53	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121600	0.35117	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121600	0.35349	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121600	0.35524	56.58	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121600	0.3557	56.55	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121600	0.35589	56.57	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121600	0.35644	56.64	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121600	0.35748	56.73	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121600	0.35924	56.86	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121600	0.36195	57	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121600	0.36344	57.21	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121600	0.36442	57.62	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121600	0.3761	57.16	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121600	0.38587	57.07	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121600	0.39383	57.31	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121600	0.40668	57.34	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121600	0.4231	57.31	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121600	0.4424	57.34	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121600	0.46788	57.26	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121600	0.49699	57.41	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121600	0.53619	57.49	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121600	0.58639	57.68	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121600	0.6541	57.77	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121600	0.74329	57.76	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4121600	0.85652	57.72	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121600	3.94082	58.54	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121600	4.0836	58.66	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121600	4.17325	58.87	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121600	4.22735	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121600	4.24207	59.03	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121600	4.21985	59.14	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121600	4.17351	59.18	313.5	1.5	ANNUAL	SRCGP9	5

606712.2	4121600	4.10364	59.22	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121600	4.01107	59.32	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121600	3.90421	59.41	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121600	3.78948	59.43	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121600	3.13253	59.63	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121600	3.00277	59.59	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121600	2.87781	59.48	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121600	2.75392	59.44	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121600	2.38707	60.16	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121600	2.28352	60.07	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121600	2.18456	59.99	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121600	2.10132	59.41	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121620	0.31322	53.92	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121620	0.3161	53.91	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121620	0.32098	54.22	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121620	0.32503	54.4	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121620	0.32898	54.57	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121620	0.3335	54.82	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121620	0.33782	55.04	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121620	0.34118	55.14	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121620	0.34498	55.3	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121620	0.34834	55.41	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121620	0.35149	55.5	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121620	0.35496	55.63	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121620	0.35864	55.79	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121620	0.36206	55.97	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121620	0.36341	56.08	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121620	0.36364	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121620	0.36426	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121620	0.36532	56.34	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121620	0.36773	56.56	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121620	0.36903	56.66	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121620	0.37139	56.77	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121620	0.37504	56.98	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121620	0.37708	57.27	313.5	1.5	ANNUAL	SRCGP9	5
606092.2	4121620	0.38636	57.06	313.5	1.5	ANNUAL	SRCGP9	5
606112.2	4121620	0.39583	56.99	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121620	0.40685	57.02	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121620	0.42038	57.04	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121620	0.43768	57	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121620	0.45738	57.08	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121620	0.48267	57.1	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121620	0.50937	57.52	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121620	0.55038	57.59	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121620	0.60703	57.52	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121620	0.68068	57.57	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121620	0.7786	57.57	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121620	1.4695	58.45	313.5	1.5	ANNUAL	SRCGP9	5
606412.2	4121620	1.74612	58.63	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121620	2.07901	58.54	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121620	3.25007	58.13	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121620	3.61141	58.08	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121620	3.12153	59.61	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121620	2.97908	59.59	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121620	2.84409	59.49	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121620	2.71218	59.46	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121620	2.34064	59.81	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121620	2.23238	59.81	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121620	2.13324	59.67	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121620	2.04272	59.39	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121640	0.33529	55.44	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121640	0.33878	55.43	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121640	0.34203	55.4	313.5	1.5	ANNUAL	SRCGP9	5

605692.2	4121640	0.34517	55.37	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121640	0.34834	55.36	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121640	0.35132	55.34	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121640	0.35451	55.36	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121640	0.35714	55.33	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121640	0.35901	55.23	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121640	0.36098	55.16	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121640	0.36196	55	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121640	0.36364	54.94	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121640	0.36429	54.81	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121640	0.36409	54.74	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121640	0.36293	54.71	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121640	0.36149	54.67	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121640	0.35611	54.17	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121640	0.35328	53.9	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121640	0.35769	54.41	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121640	0.36024	54.59	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121640	0.36235	54.6	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121640	0.36537	54.56	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121640	0.36937	54.45	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121640	0.46778	57.43	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121640	0.49092	57.75	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121640	0.51919	58.28	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121640	0.56253	58.28	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121640	0.62537	57.87	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121640	0.7073	57.71	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121640	0.81134	57.94	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121640	3.66852	58.39	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121640	4.04317	58.5	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121640	4.35985	58.45	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121640	4.59565	58.52	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121640	4.76642	58.48	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121640	4.86618	58.5	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121640	4.91277	58.43	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121640	4.89903	58.48	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121640	2.78449	59.56	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121640	2.64534	59.6	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121640	2.26772	59.93	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121640	2.15779	59.99	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121640	2.06435	59.63	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121640	1.97622	59.29	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121660	0.35107	55.82	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121660	0.35555	55.88	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121660	0.36032	55.98	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121660	0.36471	56.04	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121660	0.36886	56.08	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121660	0.37328	56.16	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121660	0.37819	56.3	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121660	0.38178	56.31	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121660	0.38613	56.41	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121660	0.39017	56.49	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121660	0.3934	56.53	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121660	0.39615	56.62	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121660	0.39756	56.48	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121660	0.3973	56.48	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121660	0.39555	56.43	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121660	0.39513	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121660	0.39409	56.62	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121660	0.39322	56.69	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121660	0.393	56.7	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121660	0.39373	56.82	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121660	0.39568	56.93	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121660	0.39912	57	313.5	1.5	ANNUAL	SRCGP9	5

606072.2	4121660	0.40308	57.11	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121660	0.42805	57.5	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121660	0.44321	57.54	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121660	0.46357	57.43	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121660	0.48578	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121660	0.51167	57.77	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121660	0.54292	58.2	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121660	0.58765	58.32	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121660	0.64975	58.3	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121660	0.73674	58.19	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121660	0.85439	58.25	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121660	1.48469	57.91	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121660	3.22789	57.82	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121660	4.1956	58.24	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121660	4.58465	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121660	4.8796	58.56	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121660	5.08799	58.67	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121660	5.21236	58.76	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121660	5.26361	58.81	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121660	5.25449	58.79	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121660	5.18765	58.82	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121660	5.07061	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121660	4.92408	59.01	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121660	4.74842	59.12	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121660	4.55833	59.16	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121660	4.35339	59.27	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121660	4.15069	59.27	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121660	3.95981	59.04	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121660	2.18328	59.98	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121660	2.07591	60	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121660	1.98537	59.61	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121660	1.89974	59.27	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121680	0.40995	56.38	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121680	0.41428	56.63	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121680	0.4151	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121680	0.40965	56.13	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121680	0.40736	56.06	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121680	0.40663	56.13	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121680	0.40686	56.27	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121680	0.40725	56.39	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121680	0.40746	56.44	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121680	0.40895	56.56	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121680	0.41083	56.65	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121680	0.41441	56.75	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121680	0.42	56.9	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121680	0.57886	57.61	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121680	0.62598	57.79	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121680	0.69549	57.57	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121680	0.79202	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121680	1.64665	58	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121680	2.04775	57.92	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121680	3.11565	58.24	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121680	5.71747	58.51	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121680	5.70319	58.53	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121680	5.61621	58.6	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121680	5.47322	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121680	5.2912	58.79	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121680	5.07963	58.91	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121680	4.8526	58.99	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121680	4.61035	59.15	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121680	4.3692	59.22	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121680	4.13462	59.22	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121680	3.92155	58.93	313.5	1.5	ANNUAL	SRCGP9	5

606992.2	4121680	2.08885	59.99	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121680	1.98461	60.02	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121680	1.89708	59.66	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121680	1.81507	59.33	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121700	0.38113	56.02	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121700	0.38727	56.16	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121700	0.3919	56.13	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121700	0.39709	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121700	0.40191	56.18	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121700	0.40816	56.34	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121700	0.41195	56.27	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121700	0.41718	56.35	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121700	0.4209	56.31	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121700	0.42817	56.3	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121700	0.43338	56.64	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121700	0.4336	56.58	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121700	0.42709	56.1	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121700	0.42398	55.98	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121700	0.42406	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121700	0.42274	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121700	0.42267	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121700	0.42294	56.3	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121700	0.4239	56.33	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121700	0.42732	56.43	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121700	0.43173	56.47	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121700	0.43847	56.55	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121700	0.4945	57.05	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121700	0.51896	57.03	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121700	0.54484	57.26	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121700	0.5766	57.51	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121700	0.61745	57.64	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121700	0.66906	57.79	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121700	0.7425	57.66	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121700	0.84812	57.48	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121700	1.85545	58.1	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121700	2.34956	58.07	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121700	3.67201	58.3	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121700	5.04212	58.11	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121700	5.55585	58.18	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121700	5.92714	58.17	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121700	6.16938	57.97	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121700	4.88703	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121700	4.60646	58.8	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121700	4.33537	58.83	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121700	4.06998	58.92	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121700	3.82814	58.82	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121700	1.98458	60.06	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121700	1.88393	60.15	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121700	1.80002	59.85	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121700	1.72688	59.36	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121720	0.39714	56.06	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121720	0.40301	56.11	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121720	0.40924	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121720	0.41628	56.37	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121720	0.42212	56.42	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121720	0.42755	56.44	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121720	0.43333	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121720	0.4384	56.56	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121720	0.44079	56.32	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121720	0.44743	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121720	0.45348	56.58	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121720	0.4533	56.54	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121720	0.44657	56.11	313.5	1.5	ANNUAL	SRCGP9	5

605912.2	4121720	0.44699	56.25	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121720	0.44902	56.64	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121720	0.44734	56.7	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121720	0.44614	56.8	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121720	0.44571	56.89	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121720	0.44642	56.89	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121720	0.44877	56.93	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121720	0.45203	57.1	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121720	0.45868	57.13	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121720	0.50269	56.84	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121720	0.52578	56.98	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121720	0.554	56.97	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121720	0.58525	57.19	313.5	1.5	ANNUAL	SRCGP9	5
606212.2	4121720	0.62218	57.44	313.5	1.5	ANNUAL	SRCGP9	5
606232.2	4121720	0.66792	57.64	313.5	1.5	ANNUAL	SRCGP9	5
606252.2	4121720	0.72609	57.74	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4121720	0.80421	57.76	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121720	0.92118	57.52	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121720	2.13349	58.17	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121720	2.76453	57.99	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121720	4.40505	58.42	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121720	5.91622	58.2	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121720	6.39896	58.35	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121720	6.68563	58.5	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121720	6.83479	58.11	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121720	6.79049	58.3	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121720	6.62146	58.63	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121720	6.39829	58.56	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121720	6.1381	58.23	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121720	5.81866	58.28	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121720	5.47865	58.44	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121720	5.14431	58.51	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121720	4.82695	58.43	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121720	4.51313	58.53	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121720	4.21487	58.65	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121720	3.93639	58.72	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121720	3.68164	58.69	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121720	1.87504	60.13	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121720	1.78553	60.03	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121720	1.70965	59.65	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121720	1.63512	59.45	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121740	0.41177	55.82	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121740	0.41742	55.8	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121740	0.4254	56.02	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121740	0.43406	56.29	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121740	0.44078	56.37	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121740	0.44435	56.18	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121740	0.4506	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121740	0.459	56.48	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121740	0.46162	56.28	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121740	0.46895	56.19	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121740	0.475	56.57	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121740	0.47407	56.47	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121740	0.46706	56.07	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121740	0.46701	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121740	0.47059	56.62	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121740	0.46905	56.72	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121740	0.46808	56.96	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121740	0.46785	56.96	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121740	0.46888	56.9	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121740	0.47178	56.98	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121740	0.47699	56.99	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121740	0.48413	57.09	313.5	1.5	ANNUAL	SRCGP9	5

606392.2	4121740	3.34324	57.93	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121740	5.37787	58.53	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121740	6.95282	58.31	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121740	7.33833	58.55	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121740	7.48878	58.58	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121740	7.4697	58.15	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121740	7.25111	58.38	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121740	6.91796	58.81	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121740	6.55136	58.81	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121740	6.18395	58.35	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121740	5.76973	58.52	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121740	5.35535	58.87	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121740	4.96365	59.18	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121740	4.63692	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121740	4.3011	58.88	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121740	3.98039	59.26	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121740	3.69566	59.4	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121740	3.47147	58.84	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121740	3.2272	59.09	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121740	3.00118	59.44	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121740	2.80827	59.51	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121740	2.62823	59.7	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121740	2.47266	59.67	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121740	2.32662	59.76	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121740	2.19432	59.82	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121740	2.07394	59.86	313.5	1.5	ANNUAL	SRCGP9	5
606952.2	4121740	1.96421	59.88	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121740	1.7772	59.68	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121740	1.69239	59.66	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121740	1.61199	59.72	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121740	1.54017	59.67	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121760	0.42936	55.76	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121760	0.44201	55.75	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121760	0.4534	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121760	0.46005	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121760	0.47065	56.08	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121760	0.48216	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121760	0.48434	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121760	0.49261	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121760	0.49843	56.59	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121760	0.49528	56.33	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121760	0.48754	55.9	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121760	0.48648	55.93	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121760	0.48936	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121760	0.48929	56.29	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121760	0.49229	56.74	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121760	0.49243	56.81	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121760	0.49398	56.76	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121760	0.49758	56.78	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121760	0.5038	56.78	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121760	0.51357	56.83	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121760	3.05329	57.94	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121760	6.65424	58.53	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121760	8.11721	58.37	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121760	8.29962	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121760	8.21692	58.59	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121760	7.95572	58.16	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121760	7.52496	58.4	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121760	7.017	58.87	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121760	6.51379	58.9	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121760	6.04581	58.46	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121760	5.56762	58.61	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121760	5.11255	58.96	313.5	1.5	ANNUAL	SRCGP9	5

606672.2	4121760	4.6998	59.24	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121760	4.35895	58.84	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121760	4.02439	59	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121760	3.70971	59.4	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121760	3.44026	59.45	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121760	3.22864	58.89	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121760	2.99329	59.24	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121760	2.78294	59.57	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121760	2.60864	59.54	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121760	2.44788	59.59	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121760	2.30521	59.56	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121760	2.17485	59.55	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121760	2.05915	59.45	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121760	1.95081	59.43	313.5	1.5	ANNUAL	SRCGP9	5
606952.2	4121760	1.85032	59.45	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121760	1.66354	59.84	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121760	1.57794	60.17	313.5	1.5	ANNUAL	SRCGP9	5
607032.2	4121760	1.50563	60.22	313.5	1.5	ANNUAL	SRCGP9	5
607052.2	4121760	1.44285	60.08	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121780	0.44896	55.73	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121780	0.46414	55.83	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121780	0.47589	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121780	0.48291	56.22	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121780	0.49482	56.07	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121780	0.50639	56.42	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121780	0.50909	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121780	0.51906	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121780	0.52339	56.44	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121780	0.52035	56.27	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121780	0.51159	55.8	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121780	0.5113	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121780	0.51375	56.1	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121780	0.51361	56.16	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121780	0.52018	56.96	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121780	0.53417	56.75	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121780	0.54589	56.91	313.5	1.5	ANNUAL	SRCGP9	5
606132.2	4121780	0.61076	57.48	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121780	0.65199	57.4	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121780	0.70449	57.29	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121780	0.76413	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121780	1.27041	58.1	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121780	1.52758	58.02	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121780	3.80816	58.13	313.5	1.5	ANNUAL	SRCGP9	5
606392.2	4121780	5.34907	58.08	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121780	8.25107	58.64	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121780	9.26551	58.48	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121780	9.10616	58.72	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121780	8.68507	58.64	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121780	8.13275	58.28	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121780	7.48991	58.51	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121780	6.83562	58.93	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121780	6.23821	58.88	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121780	5.70782	58.52	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121780	5.20102	58.69	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121780	4.73988	59.02	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121780	4.33421	59.28	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121780	4.0096	58.84	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121780	3.69042	59.07	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121780	3.40118	59.4	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121780	3.15074	59.52	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121780	2.9616	58.94	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121780	2.76423	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121780	2.58469	59.01	313.5	1.5	ANNUAL	SRCGP9	5

606832.2	4121780	2.42369	59.06	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121780	2.27759	59.13	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121780	2.14265	59.27	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121780	2.02061	59.4	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121780	1.90687	59.61	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121780	1.80353	59.81	313.5	1.5	ANNUAL	SRCGP9	5
606952.2	4121780	1.70934	60	313.5	1.5	ANNUAL	SRCGP9	5
606992.2	4121780	1.55033	60.11	313.5	1.5	ANNUAL	SRCGP9	5
607012.2	4121780	1.48122	60.11	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121800	0.46923	55.57	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121800	0.48603	55.68	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121800	0.49854	56.06	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121800	0.50475	55.93	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121800	0.52139	56.02	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121800	0.53227	56.25	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121800	0.53623	56.05	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121800	0.54701	56.14	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121800	0.55375	56.47	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121800	0.55054	56.29	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121800	0.53994	55.74	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121800	0.54647	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121800	0.55189	56.58	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121800	0.55102	56.73	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121800	0.55091	57.08	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121800	0.56876	56.84	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121800	0.57957	57.22	313.5	1.5	ANNUAL	SRCGP9	5
606152.2	4121800	0.70664	57.69	313.5	1.5	ANNUAL	SRCGP9	5
606172.2	4121800	0.77118	57.51	313.5	1.5	ANNUAL	SRCGP9	5
606192.2	4121800	0.84639	57.58	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4121800	1.43842	58.16	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4121800	1.72201	58.27	313.5	1.5	ANNUAL	SRCGP9	5
606372.2	4121800	4.88763	58.12	313.5	1.5	ANNUAL	SRCGP9	5
606432.2	4121800	10.03552	58.67	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121800	10.09164	58.48	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121800	9.46285	58.7	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121800	8.67391	58.72	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121800	7.85208	58.73	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121800	7.06356	58.84	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121800	6.34294	59	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121800	5.71458	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121800	5.16393	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121800	4.6822	59.03	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121800	4.26001	59.2	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121800	3.89553	59.33	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121800	3.58371	59.34	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121800	3.30826	59.41	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121800	3.06246	59.54	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121800	2.84757	59.57	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121800	2.68522	59	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121800	2.49496	59.39	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121800	2.33733	59.5	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121800	2.1949	59.63	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121800	2.06833	59.71	313.5	1.5	ANNUAL	SRCGP9	5
606872.2	4121800	1.95157	59.85	313.5	1.5	ANNUAL	SRCGP9	5
606892.2	4121800	1.84614	59.97	313.5	1.5	ANNUAL	SRCGP9	5
606912.2	4121800	1.74969	60.1	313.5	1.5	ANNUAL	SRCGP9	5
606932.2	4121800	1.66716	60.03	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121860	0.5492	55.39	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121860	0.55341	54.86	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121860	0.5702	55.28	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121860	0.5878	55.7	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121860	0.59911	55.67	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121860	0.60396	55.24	313.5	1.5	ANNUAL	SRCGP9	5

605752.2	4121860	0.62032	55.53	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121860	0.63762	55.85	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121860	0.65207	56.02	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121860	0.65263	55.58	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121860	0.6628	55.82	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121860	0.67356	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121860	0.67778	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121860	0.66876	55.73	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121860	0.67726	56.03	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121860	0.68705	56.36	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121860	0.69292	56.55	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121860	0.6957	56.72	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121860	0.69978	56.84	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121860	0.70585	57.02	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121860	0.71222	57.18	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121860	0.725	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121860	0.747	57.16	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121860	3.18227	58.8	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121860	2.92464	59.3	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121860	2.7099	59.65	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121860	2.53776	59.6	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121860	2.38566	59.59	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121860	2.24716	59.68	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121860	2.12904	59.59	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121860	2.01949	59.56	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121860	1.93186	59.2	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121860	1.82786	59.44	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121860	1.73682	59.57	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121860	1.65435	59.67	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121860	1.57779	59.79	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121880	0.5856	55.56	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121880	0.59027	54.97	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121880	0.61105	55.5	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121880	0.63117	55.91	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121880	0.64354	55.81	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121880	0.64911	55.32	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121880	0.6704	55.72	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121880	0.69385	56.18	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121880	0.70736	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121880	0.70796	55.63	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121880	0.7217	55.9	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121880	0.74041	56.41	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121880	0.74835	56.49	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121880	0.73646	55.84	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121880	0.74763	56.09	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121880	0.75629	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121880	0.76996	56.53	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121880	0.7766	56.7	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121880	0.78497	56.92	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121880	0.79402	57.09	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121880	0.80411	57.3	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121880	0.82156	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121880	0.84642	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121880	5.47087	58.72	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121880	4.83407	58.93	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121880	4.31202	58.94	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121880	3.889	58.94	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121880	3.53847	58.99	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121880	3.24766	58.98	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121880	3.01959	58.58	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121880	2.8123	58.55	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121880	2.61817	58.89	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121880	2.44226	59.44	313.5	1.5	ANNUAL	SRCGP9	5

606652.2	4121880	2.29313	59.84	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121880	2.17845	59.63	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121880	2.0684	59.68	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121880	1.96756	59.76	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121880	1.87823	59.73	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121880	1.79533	59.69	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121880	1.72896	59.33	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121880	1.64521	59.59	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121880	1.5707	59.76	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121880	1.50195	59.92	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121880	1.43918	60.04	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121900	0.62641	55.74	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121900	0.6301	54.98	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121900	0.65271	55.45	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121900	0.67604	55.88	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121900	0.69387	55.94	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121900	0.69977	55.35	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121900	0.72455	55.74	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121900	0.75395	56.28	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121900	0.76997	56.2	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121900	0.77272	55.66	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121900	0.79272	56.01	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121900	0.81666	56.52	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121900	0.82697	56.6	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121900	0.81806	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121900	0.82733	55.86	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121900	0.84048	55.96	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121900	0.85628	56.1	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121900	0.8778	56.34	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121900	0.89833	56.46	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121900	0.92045	56.6	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121900	0.94631	56.73	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121900	0.97649	57.12	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121900	1.00769	57.56	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121900	3.47596	58.71	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121900	3.25069	58.9	313.5	1.5	ANNUAL	SRCGP9	5
606492.2	4121900	3.03899	58.94	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121900	2.85047	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121900	2.68196	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606552.2	4121900	2.53038	58.98	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121900	2.4063	58.66	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121900	2.28648	58.66	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121900	2.16888	58.96	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121900	2.05642	59.49	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121900	1.95907	59.84	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121900	1.88517	59.56	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121900	1.80402	59.8	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121900	1.73309	59.84	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121900	1.66823	59.8	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121900	1.60732	59.72	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121900	1.55058	59.58	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121900	1.49042	59.64	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121900	1.43397	59.69	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121900	1.38104	59.73	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121900	1.33053	59.79	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121920	0.66936	55.77	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121920	0.67589	55.08	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121920	0.70131	55.52	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121920	0.72843	55.96	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121920	0.74988	56.03	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121920	0.75761	55.4	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121920	0.78801	55.84	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121920	0.81971	56.25	313.5	1.5	ANNUAL	SRCGP9	5

605792.2	4121920	0.84022	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121920	0.84878	55.71	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121920	0.87625	56.11	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121920	0.90435	56.61	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121920	0.9209	56.54	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121920	0.91726	55.89	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121920	0.94634	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121920	0.97565	56.6	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121920	0.99772	56.78	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121920	1.0232	56.94	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121920	1.05269	57.03	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121920	1.08336	57.22	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121920	1.1244	57.35	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121920	1.17567	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121920	1.24354	57.65	313.5	1.5	ANNUAL	SRCGP9	5
606452.2	4121920	2.39091	58.81	313.5	1.5	ANNUAL	SRCGP9	5
606472.2	4121920	2.31737	58.89	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121920	2.09138	58.98	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121920	1.95058	59.02	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121920	1.88756	58.95	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121920	1.82382	59.06	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121920	1.75451	59.57	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121920	1.69219	59.92	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121920	1.64346	59.72	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121920	1.58246	60.21	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121920	1.52956	60.37	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121920	1.4812	60.34	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121920	1.43267	60.33	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121920	1.3878	60.24	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121920	1.34276	60.23	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121920	1.29866	60.26	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121920	1.2558	60.32	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121920	1.21903	60.2	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121940	0.71717	55.83	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121940	0.73623	55.73	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121940	0.76055	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121940	0.78739	56.07	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121940	0.81361	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121940	0.83657	56.07	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121940	0.86479	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121940	0.89679	56.32	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121940	0.92164	56.19	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121940	0.93434	55.69	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121940	0.97392	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121940	1.00683	56.6	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121940	1.03171	56.63	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121940	1.03559	55.91	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121940	1.08259	56.41	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121940	1.11865	56.79	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121940	1.15472	57.02	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121940	1.19389	57.1	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121940	1.24159	57.15	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121940	1.29299	57.41	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121940	1.36225	57.53	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121940	1.45149	57.57	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121940	1.56439	57.6	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121940	1.69111	59.13	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121940	1.62532	59.3	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121940	1.59686	59.07	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121940	1.56229	59.18	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121940	1.52069	59.68	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121940	1.48345	59.92	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121940	1.45356	59.72	313.5	1.5	ANNUAL	SRCGP9	5

606692.2	4121940	1.40998	60.26	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121940	1.37026	60.53	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121940	1.33637	60.42	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121940	1.29885	60.44	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121940	1.26023	60.53	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121940	1.22327	60.59	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121940	1.18441	60.79	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121940	1.1504	60.82	313.5	1.5	ANNUAL	SRCGP9	5
606852.2	4121940	1.12586	60.44	313.5	1.5	ANNUAL	SRCGP9	5
605632.2	4121960	0.7687	55.85	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121960	0.79372	55.89	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121960	0.82171	56.01	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121960	0.84938	56.04	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121960	0.87975	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121960	0.91268	56.23	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121960	0.94522	56.25	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121960	0.98244	56.37	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121960	1.01031	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121960	1.03544	55.81	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121960	1.08859	56.44	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121960	1.12423	56.7	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121960	1.15937	56.59	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121960	1.17507	55.98	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121960	1.23606	56.44	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121960	1.28655	56.62	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4121960	1.3406	56.88	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121960	1.40297	56.82	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121960	1.4769	56.93	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121960	1.56374	57.06	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121960	1.66356	57.27	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121960	1.79536	57.27	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121960	1.9566	57.32	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121960	1.3916	59.37	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121960	1.38296	59.04	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121960	1.36389	59.3	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121960	1.34005	59.78	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121960	1.32022	59.85	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121960	1.30273	59.68	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121960	1.271	60.27	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121960	1.24286	60.5	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121960	1.22708	59.99	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121960	1.19429	60.21	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121960	1.1639	60.29	313.5	1.5	ANNUAL	SRCGP9	5
606792.2	4121960	1.13524	60.3	313.5	1.5	ANNUAL	SRCGP9	5
606812.2	4121960	1.0938	60.95	313.5	1.5	ANNUAL	SRCGP9	5
606832.2	4121960	1.06439	61.06	313.49	1.5	ANNUAL	SRCGP9	5
606852.2	4121960	1.0456	60.64	313.49	1.5	ANNUAL	SRCGP9	5
605632.2	4121980	0.81856	55.56	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4121980	0.84687	55.59	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4121980	0.87639	55.6	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4121980	0.90788	55.62	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4121980	0.94425	55.76	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4121980	0.98344	55.91	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4121980	1.02457	56.03	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4121980	1.06791	56.13	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4121980	1.10718	56.02	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4121980	1.15078	56.01	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4121980	1.21176	56.54	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4121980	1.25572	56.74	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4121980	1.29751	56.39	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4121980	1.33513	56.1	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4121980	1.40064	56.29	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4121980	1.46692	56.33	313.5	1.5	ANNUAL	SRCGP9	5

605952.2	4121980	1.53733	56.28	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4121980	1.62398	56.31	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4121980	1.73389	56.46	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4121980	1.85657	56.53	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4121980	1.99913	56.51	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4121980	2.17012	56.55	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4121980	2.37517	56.68	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4121980	1.21807	59.33	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4121980	1.22046	59.19	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4121980	1.21981	59.39	313.5	1.5	ANNUAL	SRCGP9	5
606592.2	4121980	1.22025	59.17	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4121980	1.21303	59.39	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4121980	1.20105	59.8	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4121980	1.1917	59.8	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4121980	1.1828	59.63	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4121980	1.15955	60.23	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4121980	1.14155	60.31	313.5	1.5	ANNUAL	SRCGP9	5
606732.2	4121980	1.13021	59.92	313.5	1.5	ANNUAL	SRCGP9	5
606752.2	4121980	1.09365	60.62	313.5	1.5	ANNUAL	SRCGP9	5
606772.2	4121980	1.06847	60.75	313.49	1.5	ANNUAL	SRCGP9	5
606792.2	4121980	1.05232	60.42	313.49	1.5	ANNUAL	SRCGP9	5
606812.2	4121980	1.01778	61.02	312.87	1.5	ANNUAL	SRCGP9	5
606832.2	4121980	0.99122	61.24	61.24	1.5	ANNUAL	SRCGP9	5
606852.2	4121980	0.97537	60.87	60.87	1.5	ANNUAL	SRCGP9	5
605632.2	4122000	0.86711	55.03	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4122000	0.89996	55.11	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4122000	0.93451	55.17	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4122000	0.97256	55.28	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4122000	1.01204	55.34	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4122000	1.05242	55.33	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4122000	1.09886	55.43	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4122000	1.14684	55.47	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4122000	1.20149	55.61	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4122000	1.26944	56.01	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4122000	1.34369	56.55	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4122000	1.39973	56.76	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4122000	1.44936	56.29	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4122000	1.51402	56.27	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4122000	1.60118	56.8	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4122000	1.68505	56.92	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4122000	1.77933	56.5	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4122000	1.88627	56.47	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4122000	2.01629	56.97	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4122000	2.15868	57.12	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4122000	2.33294	56.72	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4122000	2.53061	56.73	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4122000	2.74742	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4122000	2.55026	58.13	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4122000	2.27836	58.23	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4122000	1.92839	58.26	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4122000	1.64999	58.24	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4122000	1.07174	59.49	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4122000	1.07858	59.37	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4122000	1.09749	59.48	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4122000	1.09211	59.92	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4122000	1.08858	59.92	313.5	1.5	ANNUAL	SRCGP9	5
606672.2	4122000	1.08466	59.77	313.5	1.5	ANNUAL	SRCGP9	5
606692.2	4122000	1.06916	60.24	313.5	1.5	ANNUAL	SRCGP9	5
606712.2	4122000	1.05705	60.26	313.49	1.5	ANNUAL	SRCGP9	5
606732.2	4122000	1.05085	59.84	313.49	1.5	ANNUAL	SRCGP9	5
606752.2	4122000	1.0201	60.49	313.48	1.5	ANNUAL	SRCGP9	5
606772.2	4122000	0.99509	60.84	60.84	1.5	ANNUAL	SRCGP9	5
606792.2	4122000	0.98307	60.49	60.49	1.5	ANNUAL	SRCGP9	5

606812.2	4122000	0.95277	61.1	61.1	1.5	ANNUAL	SRCGP9	5
606832.2	4122000	0.93149	61.23	61.23	1.5	ANNUAL	SRCGP9	5
606852.2	4122000	0.91855	60.87	60.87	1.5	ANNUAL	SRCGP9	5
605632.2	4122020	0.94067	55.56	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4122020	0.98021	55.7	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4122020	1.01867	55.68	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4122020	1.06532	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4122020	1.1117	55.92	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4122020	1.15857	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4122020	1.21022	55.86	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4122020	1.26723	55.89	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4122020	1.33455	56.08	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4122020	1.40677	56.26	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4122020	1.4849	56.52	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4122020	1.55388	56.81	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4122020	1.62826	56.61	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4122020	1.7101	56.61	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4122020	1.80123	56.85	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4122020	1.90326	56.95	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4122020	2.01776	56.8	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4122020	2.14734	56.79	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4122020	2.29206	57.07	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4122020	2.45016	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4122020	2.64461	56.99	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4122020	2.8477	56.95	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4122020	3.05374	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4122020	2.43071	58.35	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4122020	2.30513	59.31	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4122020	2.06095	59.32	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4122020	1.75255	59.3	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4122020	1.49074	59.14	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4122020	0.9659	59.43	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4122020	0.97466	59.46	313.5	1.5	ANNUAL	SRCGP9	5
606612.2	4122020	1.00777	59.61	313.5	1.5	ANNUAL	SRCGP9	5
606632.2	4122020	1.00757	59.97	313.5	1.5	ANNUAL	SRCGP9	5
606652.2	4122020	1.00809	59.95	313.49	1.5	ANNUAL	SRCGP9	5
606672.2	4122020	1.00701	59.85	313.49	1.5	ANNUAL	SRCGP9	5
606692.2	4122020	0.99625	60.25	313.48	1.5	ANNUAL	SRCGP9	5
606712.2	4122020	0.98777	60.24	60.24	1.5	ANNUAL	SRCGP9	5
606732.2	4122020	0.98557	59.77	59.77	1.5	ANNUAL	SRCGP9	5
606752.2	4122020	0.95815	60.42	60.42	1.5	ANNUAL	SRCGP9	5
606772.2	4122020	0.93501	60.85	60.85	1.5	ANNUAL	SRCGP9	5
606792.2	4122020	0.92612	60.48	60.48	1.5	ANNUAL	SRCGP9	5
606812.2	4122020	0.89939	61.07	61.07	1.5	ANNUAL	SRCGP9	5
606832.2	4122020	0.88351	61.04	61.04	1.5	ANNUAL	SRCGP9	5
606852.2	4122020	0.87384	60.63	60.63	1.5	ANNUAL	SRCGP9	5
605632.2	4122040	1.01264	55.8	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4122040	1.05507	55.84	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4122040	1.10163	55.92	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4122040	1.15174	56	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4122040	1.20611	56.09	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4122040	1.26194	56.09	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4122040	1.3244	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4122040	1.39213	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4122040	1.46662	56.3	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4122040	1.55138	56.49	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4122040	1.63268	56.6	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4122040	1.71476	56.73	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4122040	1.80281	56.74	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4122040	1.89914	56.83	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4122040	2.00534	56.95	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4122040	2.1205	57.07	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4122040	2.25107	57.05	313.5	1.5	ANNUAL	SRCGP9	5

605972.2	4122040	2.39089	57.14	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4122040	2.54441	57.23	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4122040	2.71364	57.25	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4122040	2.89399	57.24	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4122040	3.07646	57.27	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4122040	3.24852	57.36	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4122040	2.18672	58.46	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4122040	2.05627	59.32	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4122040	1.84124	59.36	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4122040	1.58231	59.37	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4122040	1.35342	59.25	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4122040	0.88775	59.41	313.5	1.5	ANNUAL	SRCGP9	5
606532.2	4122040	0.89694	59.52	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4122040	0.91932	59.64	313.49	1.5	ANNUAL	SRCGP9	5
606592.2	4122040	0.93167	59.39	313.49	1.5	ANNUAL	SRCGP9	5
606612.2	4122040	0.93766	59.7	313.48	1.5	ANNUAL	SRCGP9	5
606632.2	4122040	0.94124	59.94	313.48	1.5	ANNUAL	SRCGP9	5
606652.2	4122040	0.94491	59.87	312.87	1.5	ANNUAL	SRCGP9	5
606672.2	4122040	0.94578	59.82	59.82	1.5	ANNUAL	SRCGP9	5
606692.2	4122040	0.937	60.25	60.25	1.5	ANNUAL	SRCGP9	5
606712.2	4122040	0.9307	60.23	60.23	1.5	ANNUAL	SRCGP9	5
606732.2	4122040	0.93168	59.7	59.7	1.5	ANNUAL	SRCGP9	5
606752.2	4122040	0.9067	60.35	60.35	1.5	ANNUAL	SRCGP9	5
606772.2	4122040	0.8864	60.76	60.76	1.5	ANNUAL	SRCGP9	5
606792.2	4122040	0.88109	60.31	60.31	1.5	ANNUAL	SRCGP9	5
606812.2	4122040	0.85703	60.87	60.87	1.5	ANNUAL	SRCGP9	5
606832.2	4122040	0.84362	60.81	60.81	1.5	ANNUAL	SRCGP9	5
606852.2	4122040	0.83527	60.43	60.43	1.5	ANNUAL	SRCGP9	5
605632.2	4122060	1.07931	55.67	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4122060	1.12997	55.84	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4122060	1.1841	55.99	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4122060	1.2338	55.85	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4122060	1.29194	55.86	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4122060	1.3579	55.96	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4122060	1.4284	56.03	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4122060	1.50581	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4122060	1.58806	56.17	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4122060	1.67995	56.29	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4122060	1.77851	56.42	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4122060	1.87825	56.51	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4122060	1.97844	56.61	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4122060	2.08684	56.64	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4122060	2.20489	56.94	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4122060	2.33101	57.06	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4122060	2.47118	56.99	313.5	1.5	ANNUAL	SRCGP9	5
605972.2	4122060	2.60654	57.33	313.5	1.5	ANNUAL	SRCGP9	5
605992.2	4122060	2.75993	57.38	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4122060	2.91844	57.39	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4122060	3.06972	57.52	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4122060	3.21764	57.38	313.5	1.5	ANNUAL	SRCGP9	5
606072.2	4122060	3.3306	57.42	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4122060	1.98207	58.86	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4122060	1.84954	59.32	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4122060	1.65915	59.41	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4122060	1.44001	59.3	313.5	1.5	ANNUAL	SRCGP9	5
606352.2	4122060	1.2423	59.31	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4122060	0.85995	59.95	59.95	1.5	ANNUAL	SRCGP9	5
606592.2	4122060	0.87405	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606612.2	4122060	0.8817	59.76	59.76	1.5	ANNUAL	SRCGP9	5
606632.2	4122060	0.88799	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606652.2	4122060	0.89328	59.82	59.82	1.5	ANNUAL	SRCGP9	5
606672.2	4122060	0.89604	59.76	59.76	1.5	ANNUAL	SRCGP9	5
606692.2	4122060	0.8897	60.13	60.13	1.5	ANNUAL	SRCGP9	5

606712.2	4122060	0.88405	60.16	60.16	1.5	ANNUAL	SRCGP9	5
606732.2	4122060	0.88489	59.71	59.71	1.5	ANNUAL	SRCGP9	5
606752.2	4122060	0.86239	60.34	60.34	1.5	ANNUAL	SRCGP9	5
606772.2	4122060	0.84794	60.53	60.53	1.5	ANNUAL	SRCGP9	5
606792.2	4122060	0.84384	60.11	60.11	1.5	ANNUAL	SRCGP9	5
606812.2	4122060	0.81981	60.76	60.76	1.5	ANNUAL	SRCGP9	5
606832.2	4122060	0.8081	60.69	60.69	1.5	ANNUAL	SRCGP9	5
606852.2	4122060	0.80062	60.34	60.34	1.5	ANNUAL	SRCGP9	5
607052.2	4122060	0.66467	60.26	60.26	1.5	ANNUAL	SRCGP9	5
605632.2	4122080	1.14161	55.28	313.5	1.5	ANNUAL	SRCGP9	5
605652.2	4122080	1.20282	55.67	313.5	1.5	ANNUAL	SRCGP9	5
605672.2	4122080	1.26384	55.87	313.5	1.5	ANNUAL	SRCGP9	5
605692.2	4122080	1.30987	55.44	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4122080	1.38032	55.65	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4122080	1.4533	55.76	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4122080	1.52531	55.69	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4122080	1.60992	55.78	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4122080	1.7046	55.93	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4122080	1.79933	55.93	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4122080	1.89996	55.94	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4122080	2.01446	56.12	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4122080	2.13037	56.24	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4122080	2.24329	56.21	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4122080	2.38144	56.4	313.5	1.5	ANNUAL	SRCGP9	5
605932.2	4122080	2.52265	56.54	313.5	1.5	ANNUAL	SRCGP9	5
605952.2	4122080	2.66083	56.52	313.5	1.5	ANNUAL	SRCGP9	5
606272.2	4122080	1.8137	58.81	313.5	1.5	ANNUAL	SRCGP9	5
606292.2	4122080	1.68318	59.28	313.5	1.5	ANNUAL	SRCGP9	5
606312.2	4122080	1.51333	59.33	313.5	1.5	ANNUAL	SRCGP9	5
606332.2	4122080	1.32621	59.3	313.49	1.5	ANNUAL	SRCGP9	5
606352.2	4122080	1.15518	59.48	313.49	1.5	ANNUAL	SRCGP9	5
606572.2	4122080	0.814	59.94	59.94	1.5	ANNUAL	SRCGP9	5
606592.2	4122080	0.8285	59.46	59.46	1.5	ANNUAL	SRCGP9	5
606612.2	4122080	0.83952	59.42	59.42	1.5	ANNUAL	SRCGP9	5
606632.2	4122080	0.84672	59.57	59.57	1.5	ANNUAL	SRCGP9	5
606652.2	4122080	0.85237	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606672.2	4122080	0.85618	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606692.2	4122080	0.85429	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606712.2	4122080	0.84915	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606732.2	4122080	0.84197	59.86	59.86	1.5	ANNUAL	SRCGP9	5
606752.2	4122080	0.82448	60.33	60.33	1.5	ANNUAL	SRCGP9	5
606772.2	4122080	0.81385	60.39	60.39	1.5	ANNUAL	SRCGP9	5
606792.2	4122080	0.81187	59.93	59.93	1.5	ANNUAL	SRCGP9	5
606812.2	4122080	0.79109	60.46	60.46	1.5	ANNUAL	SRCGP9	5
606892.2	4122080	0.74284	60.42	60.42	1.5	ANNUAL	SRCGP9	5
606912.2	4122080	0.72898	60.49	60.49	1.5	ANNUAL	SRCGP9	5
606932.2	4122080	0.71981	60.24	60.24	1.5	ANNUAL	SRCGP9	5
605632.2	4122100	1.21337	55.21	313.49	1.5	ANNUAL	SRCGP9	5
605652.2	4122100	1.27912	55.57	313.49	1.5	ANNUAL	SRCGP9	5
605672.2	4122100	1.34531	55.76	313.49	1.5	ANNUAL	SRCGP9	5
605692.2	4122100	1.39519	55.3	313.5	1.5	ANNUAL	SRCGP9	5
605712.2	4122100	1.48561	55.89	313.5	1.5	ANNUAL	SRCGP9	5
605732.2	4122100	1.57217	56.15	313.5	1.5	ANNUAL	SRCGP9	5
605752.2	4122100	1.63962	55.79	313.5	1.5	ANNUAL	SRCGP9	5
605772.2	4122100	1.73254	55.89	313.5	1.5	ANNUAL	SRCGP9	5
605792.2	4122100	1.84911	56.3	313.5	1.5	ANNUAL	SRCGP9	5
605812.2	4122100	1.94885	56.22	313.5	1.5	ANNUAL	SRCGP9	5
605832.2	4122100	2.03924	55.9	313.5	1.5	ANNUAL	SRCGP9	5
605852.2	4122100	2.19189	56.57	313.5	1.5	ANNUAL	SRCGP9	5
605872.2	4122100	2.30476	57.11	313.5	1.5	ANNUAL	SRCGP9	5
605892.2	4122100	2.42941	56.55	313.5	1.5	ANNUAL	SRCGP9	5
605912.2	4122100	2.55515	56.81	313.5	1.5	ANNUAL	SRCGP9	5
606572.2	4122100	0.77712	59.9	59.9	1.5	ANNUAL	SRCGP9	5

606592.2	4122100	0.79013	59.6	59.6	1.5	ANNUAL	SRCGP9	5
606612.2	4122100	0.79923	59.76	59.76	1.5	ANNUAL	SRCGP9	5
606632.2	4122100	0.80691	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606652.2	4122100	0.81196	59.93	59.93	1.5	ANNUAL	SRCGP9	5
606672.2	4122100	0.814	60.02	60.02	1.5	ANNUAL	SRCGP9	5
606692.2	4122100	0.81369	60.02	60.02	1.5	ANNUAL	SRCGP9	5
606712.2	4122100	0.81301	59.86	59.86	1.5	ANNUAL	SRCGP9	5
606852.2	4122100	0.74605	60.08	60.08	1.5	ANNUAL	SRCGP9	5
606872.2	4122100	0.7343	60.09	60.09	1.5	ANNUAL	SRCGP9	5
606892.2	4122100	0.71615	60.5	60.5	1.5	ANNUAL	SRCGP9	5
606912.2	4122100	0.70588	60.39	60.39	1.5	ANNUAL	SRCGP9	5
606932.2	4122100	0.69899	60.04	60.04	1.5	ANNUAL	SRCGP9	5
605632.2	4122120	1.28417	55.07	313.48	1.5	ANNUAL	SRCGP9	5
605652.2	4122120	1.35822	55.54	313.48	1.5	ANNUAL	SRCGP9	5
605672.2	4122120	1.42678	55.64	313.48	1.5	ANNUAL	SRCGP9	5
605692.2	4122120	1.48203	55.21	313.48	1.5	ANNUAL	SRCGP9	5
605712.2	4122120	1.5804	55.84	313.48	1.5	ANNUAL	SRCGP9	5
605732.2	4122120	1.67959	56.25	313.48	1.5	ANNUAL	SRCGP9	5
605752.2	4122120	1.74738	55.78	313.49	1.5	ANNUAL	SRCGP9	5
605772.2	4122120	1.85282	56.01	313.49	1.5	ANNUAL	SRCGP9	5
605792.2	4122120	1.97646	56.41	313.48	1.5	ANNUAL	SRCGP9	5
605812.2	4122120	2.07477	56.21	313.49	1.5	ANNUAL	SRCGP9	5
605832.2	4122120	2.18098	56.07	313.49	1.5	ANNUAL	SRCGP9	5
605852.2	4122120	2.33011	56.68	313.49	1.5	ANNUAL	SRCGP9	5
605872.2	4122120	2.44225	57.19	313.48	1.5	ANNUAL	SRCGP9	5
605992.2	4122120	3.09501	56.39	313.5	1.5	ANNUAL	SRCGP9	5
606012.2	4122120	3.16813	56.49	313.5	1.5	ANNUAL	SRCGP9	5
606032.2	4122120	3.1949	56.49	313.5	1.5	ANNUAL	SRCGP9	5
606052.2	4122120	3.18332	56.56	313.5	1.5	ANNUAL	SRCGP9	5
606512.2	4122120	0.72272	59.65	59.65	1.5	ANNUAL	SRCGP9	5
606532.2	4122120	0.72851	59.75	59.75	1.5	ANNUAL	SRCGP9	5
606552.2	4122120	0.73726	59.79	59.79	1.5	ANNUAL	SRCGP9	5
606572.2	4122120	0.74766	59.76	59.76	1.5	ANNUAL	SRCGP9	5
606592.2	4122120	0.75916	59.62	59.62	1.5	ANNUAL	SRCGP9	5
606772.2	4122120	0.76041	59.99	59.99	1.5	ANNUAL	SRCGP9	5
606792.2	4122120	0.75247	59.97	59.97	1.5	ANNUAL	SRCGP9	5
606812.2	4122120	0.74531	59.86	59.86	1.5	ANNUAL	SRCGP9	5
606852.2	4122120	0.72194	60.05	60.05	1.5	ANNUAL	SRCGP9	5
606872.2	4122120	0.7114	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606892.2	4122120	0.69701	60.26	60.26	1.5	ANNUAL	SRCGP9	5
606912.2	4122120	0.68732	60.16	60.16	1.5	ANNUAL	SRCGP9	5
605632.2	4122140	1.35923	55.08	312.88	1.5	ANNUAL	SRCGP9	5
605652.2	4122140	1.4384	55.55	312.88	1.5	ANNUAL	SRCGP9	5
605672.2	4122140	1.50347	55.41	313.48	1.5	ANNUAL	SRCGP9	5
605692.2	4122140	1.57093	55.22	313.48	1.5	ANNUAL	SRCGP9	5
605712.2	4122140	1.67242	55.78	313.48	1.5	ANNUAL	SRCGP9	5
605732.2	4122140	1.77784	56.21	312.88	1.5	ANNUAL	SRCGP9	5
605752.2	4122140	1.84708	55.7	313.48	1.5	ANNUAL	SRCGP9	5
605772.2	4122140	1.9662	56.11	313.48	1.5	ANNUAL	SRCGP9	5
605792.2	4122140	2.09205	56.46	313.48	1.5	ANNUAL	SRCGP9	5
605812.2	4122140	2.18448	56.13	313.48	1.5	ANNUAL	SRCGP9	5
605832.2	4122140	2.30847	56.24	313.48	1.5	ANNUAL	SRCGP9	5
605852.2	4122140	2.44869	56.73	313.48	1.5	ANNUAL	SRCGP9	5
605932.2	4122140	2.86451	56.22	313.48	1.5	ANNUAL	SRCGP9	5
605952.2	4122140	2.94194	56.11	313.48	1.5	ANNUAL	SRCGP9	5
605972.2	4122140	3.04216	56.35	313.48	1.5	ANNUAL	SRCGP9	5
605992.2	4122140	3.09195	56.34	313.48	1.5	ANNUAL	SRCGP9	5
606012.2	4122140	3.10962	56.31	313.48	1.5	ANNUAL	SRCGP9	5
606032.2	4122140	3.09676	56.32	313.48	1.5	ANNUAL	SRCGP9	5
606052.2	4122140	3.04244	56.32	313.48	1.5	ANNUAL	SRCGP9	5
606072.2	4122140	2.97371	56.51	313.48	1.5	ANNUAL	SRCGP9	5
606132.2	4122140	2.44001	58.06	58.06	1.5	ANNUAL	SRCGP9	5
606152.2	4122140	2.25269	58.04	58.04	1.5	ANNUAL	SRCGP9	5

606172.2	4122140	2.07234	58.19	58.19	1.5	ANNUAL	SRCGP9	5
606652.2	4122140	0.75327	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606672.2	4122140	0.75394	59.96	59.96	1.5	ANNUAL	SRCGP9	5
606712.2	4122140	0.74939	60.03	60.03	1.5	ANNUAL	SRCGP9	5
606732.2	4122140	0.74519	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606752.2	4122140	0.74118	59.97	59.97	1.5	ANNUAL	SRCGP9	5
606772.2	4122140	0.73391	60.02	60.02	1.5	ANNUAL	SRCGP9	5
606792.2	4122140	0.7264	60.03	60.03	1.5	ANNUAL	SRCGP9	5
606812.2	4122140	0.72434	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606832.2	4122140	0.7089	60.06	60.06	1.5	ANNUAL	SRCGP9	5
606852.2	4122140	0.70159	59.93	59.93	1.5	ANNUAL	SRCGP9	5
605632.2	4122160	1.43905	55.27	292.97	1.5	ANNUAL	SRCGP9	5
605652.2	4122160	1.51824	55.59	292.97	1.5	ANNUAL	SRCGP9	5
605672.2	4122160	1.58524	55.4	292.97	1.5	ANNUAL	SRCGP9	5
605692.2	4122160	1.66265	55.38	292.97	1.5	ANNUAL	SRCGP9	5
605712.2	4122160	1.76812	55.91	292.97	1.5	ANNUAL	SRCGP9	5
605732.2	4122160	1.86326	56.02	292.97	1.5	ANNUAL	SRCGP9	5
605752.2	4122160	1.93813	55.6	292.97	1.5	ANNUAL	SRCGP9	5
605772.2	4122160	2.06944	56.19	292.97	1.5	ANNUAL	SRCGP9	5
605792.2	4122160	2.19015	56.42	292.97	1.5	ANNUAL	SRCGP9	5
605812.2	4122160	2.27082	55.93	292.97	1.5	ANNUAL	SRCGP9	5
605832.2	4122160	2.40861	56.28	292.97	1.5	ANNUAL	SRCGP9	5
605912.2	4122160	2.84334	56.36	292.97	1.5	ANNUAL	SRCGP9	5
605932.2	4122160	2.91922	56.3	292.97	1.5	ANNUAL	SRCGP9	5
605952.2	4122160	2.96538	56.12	292.97	1.5	ANNUAL	SRCGP9	5
605972.2	4122160	3.00826	56.11	292.97	1.5	ANNUAL	SRCGP9	5
605992.2	4122160	3.03975	56.22	292.97	1.5	ANNUAL	SRCGP9	5
606012.2	4122160	3.01913	56.15	56.15	1.5	ANNUAL	SRCGP9	5
606032.2	4122160	2.97159	56.14	56.14	1.5	ANNUAL	SRCGP9	5
606052.2	4122160	2.89613	56.19	56.19	1.5	ANNUAL	SRCGP9	5
606072.2	4122160	2.81961	56.49	56.49	1.5	ANNUAL	SRCGP9	5
606132.2	4122160	2.29165	58.03	58.03	1.5	ANNUAL	SRCGP9	5
606152.2	4122160	2.11875	58.1	58.1	1.5	ANNUAL	SRCGP9	5
606172.2	4122160	1.9586	58.22	58.22	1.5	ANNUAL	SRCGP9	5
606512.2	4122160	0.68712	59.43	59.43	1.5	ANNUAL	SRCGP9	5
606532.2	4122160	0.68964	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606552.2	4122160	0.69588	59.57	59.57	1.5	ANNUAL	SRCGP9	5
606652.2	4122160	0.72772	59.85	59.85	1.5	ANNUAL	SRCGP9	5
606672.2	4122160	0.72869	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606712.2	4122160	0.72382	60	60	1.5	ANNUAL	SRCGP9	5
606732.2	4122160	0.72046	60	60	1.5	ANNUAL	SRCGP9	5
606752.2	4122160	0.71666	59.96	59.96	1.5	ANNUAL	SRCGP9	5
606772.2	4122160	0.71161	59.93	59.93	1.5	ANNUAL	SRCGP9	5
606792.2	4122160	0.70594	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606872.2	4122160	0.67486	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606892.2	4122160	0.66462	59.78	59.78	1.5	ANNUAL	SRCGP9	5
606912.2	4122160	0.65265	59.92	59.92	1.5	ANNUAL	SRCGP9	5
605632.2	4122180	1.50907	55.2	292.97	1.5	ANNUAL	SRCGP9	5
605652.2	4122180	1.58671	55.38	292.97	1.5	ANNUAL	SRCGP9	5
605672.2	4122180	1.65773	55.24	292.97	1.5	ANNUAL	SRCGP9	5
605692.2	4122180	1.74249	55.35	292.97	1.5	ANNUAL	SRCGP9	5
605712.2	4122180	1.84209	55.68	292.97	1.5	ANNUAL	SRCGP9	5
605732.2	4122180	1.93864	55.8	292.97	1.5	ANNUAL	SRCGP9	5
605752.2	4122180	2.01999	55.52	292.97	1.5	ANNUAL	SRCGP9	5
605772.2	4122180	2.15328	56.14	292.97	1.5	ANNUAL	SRCGP9	5
605792.2	4122180	2.25993	56.17	292.97	1.5	ANNUAL	SRCGP9	5
605812.2	4122180	2.34375	55.81	292.97	1.5	ANNUAL	SRCGP9	5
605832.2	4122180	2.48872	56.34	292.97	1.5	ANNUAL	SRCGP9	5
605892.2	4122180	2.80077	56.39	292.97	1.5	ANNUAL	SRCGP9	5
605912.2	4122180	2.88048	56.41	292.97	1.5	ANNUAL	SRCGP9	5
605932.2	4122180	2.92098	56.21	292.97	1.5	ANNUAL	SRCGP9	5
605952.2	4122180	2.97072	56.29	292.97	1.5	ANNUAL	SRCGP9	5
605972.2	4122180	2.99838	56.37	56.37	1.5	ANNUAL	SRCGP9	5

605992.2	4122180	2.98569	56.33	56.33	1.5	ANNUAL	SRCGP9	5
606012.2	4122180	2.93341	56.21	56.21	1.5	ANNUAL	SRCGP9	5
606032.2	4122180	2.86566	56.22	56.22	1.5	ANNUAL	SRCGP9	5
606052.2	4122180	2.76667	56.22	56.22	1.5	ANNUAL	SRCGP9	5
606132.2	4122180	2.1639	58.08	58.08	1.5	ANNUAL	SRCGP9	5
606152.2	4122180	2.00799	58.13	58.13	1.5	ANNUAL	SRCGP9	5
606172.2	4122180	1.86513	58.22	58.22	1.5	ANNUAL	SRCGP9	5
606332.2	4122180	1.04391	58.8	58.8	1.5	ANNUAL	SRCGP9	5
606352.2	4122180	0.96052	57.63	59.63	1.5	ANNUAL	SRCGP9	5
606672.2	4122180	0.70785	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606712.2	4122180	0.70102	59.93	59.93	1.5	ANNUAL	SRCGP9	5
606812.2	4122180	0.68153	59.66	59.66	1.5	ANNUAL	SRCGP9	5
606832.2	4122180	0.6733	59.71	59.71	1.5	ANNUAL	SRCGP9	5
606852.2	4122180	0.66325	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606872.2	4122180	0.6542	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606892.2	4122180	0.64505	59.9	59.9	1.5	ANNUAL	SRCGP9	5
606912.2	4122180	0.63531	59.94	59.94	1.5	ANNUAL	SRCGP9	5
605872.2	4122200	2.72642	56.28	292.97	1.5	ANNUAL	SRCGP9	5
605892.2	4122200	2.82362	56.46	292.97	1.5	ANNUAL	SRCGP9	5
605912.2	4122200	2.87062	56.3	56.3	1.5	ANNUAL	SRCGP9	5
605932.2	4122200	2.89983	56.19	56.19	1.5	ANNUAL	SRCGP9	5
605952.2	4122200	2.92668	56.27	56.27	1.5	ANNUAL	SRCGP9	5
605972.2	4122200	2.92633	56.31	56.31	1.5	ANNUAL	SRCGP9	5
605992.2	4122200	2.88909	56.25	56.25	1.5	ANNUAL	SRCGP9	5
606012.2	4122200	2.82589	56.2	56.2	1.5	ANNUAL	SRCGP9	5
606032.2	4122200	2.74416	56.22	56.22	1.5	ANNUAL	SRCGP9	5
606052.2	4122200	2.64039	56.26	56.26	1.5	ANNUAL	SRCGP9	5
606072.2	4122200	2.53784	56.49	56.49	1.5	ANNUAL	SRCGP9	5
606132.2	4122200	2.05885	57.98	57.98	1.5	ANNUAL	SRCGP9	5
606152.2	4122200	1.9161	58.09	58.09	1.5	ANNUAL	SRCGP9	5
606172.2	4122200	1.78755	58.17	58.17	1.5	ANNUAL	SRCGP9	5
606332.2	4122200	1.02789	57.98	57.98	1.5	ANNUAL	SRCGP9	5
606352.2	4122200	0.95059	57.32	57.32	1.5	ANNUAL	SRCGP9	5
606672.2	4122200	0.69075	59.39	59.39	1.5	ANNUAL	SRCGP9	5
606752.2	4122200	0.67597	59.75	59.75	1.5	ANNUAL	SRCGP9	5
606772.2	4122200	0.67179	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606792.2	4122200	0.66493	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606812.2	4122200	0.65899	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606832.2	4122200	0.65236	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606852.2	4122200	0.64437	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606872.2	4122200	0.6359	59.94	59.94	1.5	ANNUAL	SRCGP9	5
606892.2	4122200	0.62918	59.84	59.84	1.5	ANNUAL	SRCGP9	5
605872.2	4122220	2.74809	56.62	56.62	1.5	ANNUAL	SRCGP9	5
605892.2	4122220	2.80708	56.43	56.43	1.5	ANNUAL	SRCGP9	5
605912.2	4122220	2.84523	56.32	56.32	1.5	ANNUAL	SRCGP9	5
605932.2	4122220	2.86981	56.33	56.33	1.5	ANNUAL	SRCGP9	5
605952.2	4122220	2.86138	56.25	56.25	1.5	ANNUAL	SRCGP9	5
605972.2	4122220	2.84406	56.31	56.31	1.5	ANNUAL	SRCGP9	5
605992.2	4122220	2.7925	56.27	56.27	1.5	ANNUAL	SRCGP9	5
606012.2	4122220	2.71512	56.21	56.21	1.5	ANNUAL	SRCGP9	5
606032.2	4122220	2.62543	56.24	56.24	1.5	ANNUAL	SRCGP9	5
606052.2	4122220	2.52304	56.33	56.33	1.5	ANNUAL	SRCGP9	5
606132.2	4122220	1.96309	58.08	58.08	1.5	ANNUAL	SRCGP9	5
606152.2	4122220	1.83462	58.18	58.18	1.5	ANNUAL	SRCGP9	5
606172.2	4122220	1.71908	58.24	58.24	1.5	ANNUAL	SRCGP9	5
606292.2	4122220	1.18327	58.14	58.14	1.5	ANNUAL	SRCGP9	5
606712.2	4122220	0.65969	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606732.2	4122220	0.65681	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606752.2	4122220	0.65264	59.94	59.94	1.5	ANNUAL	SRCGP9	5
606772.2	4122220	0.6498	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606792.2	4122220	0.64567	59.85	59.85	1.5	ANNUAL	SRCGP9	5
606812.2	4122220	0.64003	59.87	59.87	1.5	ANNUAL	SRCGP9	5
605872.2	4122240	2.7265	56.67	56.67	1.5	ANNUAL	SRCGP9	5

605892.2	4122240	2.77618	56.56	56.56	1.5	ANNUAL	SRCGP9	5
605912.2	4122240	2.80187	56.42	56.42	1.5	ANNUAL	SRCGP9	5
605932.2	4122240	2.82243	56.53	56.53	1.5	ANNUAL	SRCGP9	5
605952.2	4122240	2.80873	56.55	56.55	1.5	ANNUAL	SRCGP9	5
605972.2	4122240	2.77151	56.56	56.56	1.5	ANNUAL	SRCGP9	5
605992.2	4122240	2.71268	56.53	56.53	1.5	ANNUAL	SRCGP9	5
606012.2	4122240	2.63359	56.52	56.52	1.5	ANNUAL	SRCGP9	5
606032.2	4122240	2.53625	56.51	56.51	1.5	ANNUAL	SRCGP9	5
606052.2	4122240	2.42393	56.55	56.55	1.5	ANNUAL	SRCGP9	5
606132.2	4122240	1.88138	58.09	58.09	1.5	ANNUAL	SRCGP9	5
606152.2	4122240	1.76397	58.24	58.24	1.5	ANNUAL	SRCGP9	5
606192.2	4122240	1.56835	58.15	58.15	1.5	ANNUAL	SRCGP9	5
606292.2	4122240	1.15568	58.3	58.3	1.5	ANNUAL	SRCGP9	5
606312.2	4122240	1.0727	58.39	58.39	1.5	ANNUAL	SRCGP9	5
606332.2	4122240	0.99268	58.48	58.48	1.5	ANNUAL	SRCGP9	5
606352.2	4122240	0.91903	58.51	58.51	1.5	ANNUAL	SRCGP9	5
606392.2	4122240	0.79567	59.07	59.07	1.5	ANNUAL	SRCGP9	5
606412.2	4122240	0.75203	59.06	59.06	1.5	ANNUAL	SRCGP9	5
606452.2	4122240	0.6933	59.25	59.25	1.5	ANNUAL	SRCGP9	5
606472.2	4122240	0.67507	59.43	59.43	1.5	ANNUAL	SRCGP9	5
606712.2	4122240	0.63911	59.9	59.9	1.5	ANNUAL	SRCGP9	5
606732.2	4122240	0.63675	59.92	59.92	1.5	ANNUAL	SRCGP9	5
606752.2	4122240	0.63467	59.88	59.88	1.5	ANNUAL	SRCGP9	5
605852.2	4122260	2.63622	57.05	57.05	1.5	ANNUAL	SRCGP9	5
605872.2	4122260	2.67119	57.21	57.21	1.5	ANNUAL	SRCGP9	5
605892.2	4122260	2.69616	57.32	57.32	1.5	ANNUAL	SRCGP9	5
605912.2	4122260	2.70949	57.38	57.38	1.5	ANNUAL	SRCGP9	5
605932.2	4122260	2.70141	57.5	57.5	1.5	ANNUAL	SRCGP9	5
605952.2	4122260	2.68212	57.52	57.52	1.5	ANNUAL	SRCGP9	5
605972.2	4122260	2.63254	57.67	57.67	1.5	ANNUAL	SRCGP9	5
605992.2	4122260	2.56791	57.72	57.72	1.5	ANNUAL	SRCGP9	5
606012.2	4122260	2.48833	57.69	57.69	1.5	ANNUAL	SRCGP9	5
606032.2	4122260	2.38985	57.73	57.73	1.5	ANNUAL	SRCGP9	5
606052.2	4122260	2.27991	57.78	57.78	1.5	ANNUAL	SRCGP9	5
606132.2	4122260	1.82269	57.6	57.6	1.5	ANNUAL	SRCGP9	5
606152.2	4122260	1.70642	58.06	58.06	1.5	ANNUAL	SRCGP9	5
606172.2	4122260	1.60876	58.21	58.21	1.5	ANNUAL	SRCGP9	5
606192.2	4122260	1.52307	58.18	58.18	1.5	ANNUAL	SRCGP9	5
606212.2	4122260	1.44445	58.08	58.08	1.5	ANNUAL	SRCGP9	5
606292.2	4122260	1.1349	58.24	58.24	1.5	ANNUAL	SRCGP9	5
606312.2	4122260	1.05631	58.44	58.44	1.5	ANNUAL	SRCGP9	5
606332.2	4122260	0.98117	58.62	58.62	1.5	ANNUAL	SRCGP9	5
606352.2	4122260	0.91175	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606392.2	4122260	0.79518	59.36	59.36	1.5	ANNUAL	SRCGP9	5
606412.2	4122260	0.75216	59.46	59.46	1.5	ANNUAL	SRCGP9	5
606452.2	4122260	0.69175	59.75	59.75	1.5	ANNUAL	SRCGP9	5
606472.2	4122260	0.67258	59.81	59.81	1.5	ANNUAL	SRCGP9	5
606712.2	4122260	0.62408	59.71	59.71	1.5	ANNUAL	SRCGP9	5
605852.2	4122280	2.58593	57.17	57.17	1.5	ANNUAL	SRCGP9	5
605872.2	4122280	2.53615	58.52	58.52	1.5	ANNUAL	SRCGP9	5
605892.2	4122280	2.52865	58.94	58.94	1.5	ANNUAL	SRCGP9	5
605912.2	4122280	2.56569	58.28	59.19	1.5	ANNUAL	SRCGP9	5
605932.2	4122280	2.59794	57.6	57.6	1.5	ANNUAL	SRCGP9	5
605952.2	4122280	2.57168	57.58	57.58	1.5	ANNUAL	SRCGP9	5
605972.2	4122280	2.51379	57.77	57.77	1.5	ANNUAL	SRCGP9	5
605992.2	4122280	2.44981	57.82	57.82	1.5	ANNUAL	SRCGP9	5
606012.2	4122280	2.374	57.78	57.78	1.5	ANNUAL	SRCGP9	5
606032.2	4122280	2.28002	57.81	57.81	1.5	ANNUAL	SRCGP9	5
606052.2	4122280	2.16696	58.08	58.08	1.5	ANNUAL	SRCGP9	5
606172.2	4122280	1.56458	58.06	58.06	1.5	ANNUAL	SRCGP9	5
606192.2	4122280	1.48215	58.2	58.2	1.5	ANNUAL	SRCGP9	5
606212.2	4122280	1.40791	58.15	58.15	1.5	ANNUAL	SRCGP9	5
606232.2	4122280	1.33473	58.18	58.18	1.5	ANNUAL	SRCGP9	5

606292.2	4122280	1.11583	58.3	58.3	1.5	ANNUAL	SRCGP9	5
606312.2	4122280	1.04241	58.48	58.48	1.5	ANNUAL	SRCGP9	5
606332.2	4122280	0.97218	58.66	58.66	1.5	ANNUAL	SRCGP9	5
606352.2	4122280	0.90703	58.83	58.83	1.5	ANNUAL	SRCGP9	5
606372.2	4122280	0.84756	59.12	59.12	1.5	ANNUAL	SRCGP9	5
606392.2	4122280	0.79607	59.4	59.4	1.5	ANNUAL	SRCGP9	5
606412.2	4122280	0.75441	59.45	59.45	1.5	ANNUAL	SRCGP9	5
606432.2	4122280	0.72051	59.54	59.54	1.5	ANNUAL	SRCGP9	5
606452.2	4122280	0.69288	59.75	59.75	1.5	ANNUAL	SRCGP9	5
606472.2	4122280	0.67238	59.79	59.79	1.5	ANNUAL	SRCGP9	5
606492.2	4122280	0.65738	59.75	59.75	1.5	ANNUAL	SRCGP9	5
606512.2	4122280	0.64629	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606532.2	4122280	0.63973	59.51	59.51	1.5	ANNUAL	SRCGP9	5
606552.2	4122280	0.63848	59.15	59.15	1.5	ANNUAL	SRCGP9	5
606572.2	4122280	0.63324	59.16	59.16	1.5	ANNUAL	SRCGP9	5
606892.2	4122280	0.57337	59.51	59.51	1.5	ANNUAL	SRCGP9	5
606912.2	4122280	0.56476	59.68	59.68	1.5	ANNUAL	SRCGP9	5
605632.2	4122300	1.83898	55.35	55.35	1.5	ANNUAL	SRCGP9	5
605652.2	4122300	1.90934	55.4	55.4	1.5	ANNUAL	SRCGP9	5
605672.2	4122300	2.00284	55.97	55.97	1.5	ANNUAL	SRCGP9	5
605692.2	4122300	2.078	56.08	56.08	1.5	ANNUAL	SRCGP9	5
605852.2	4122300	2.54149	56.96	56.96	1.5	ANNUAL	SRCGP9	5
605872.2	4122300	2.46247	58.66	58.66	1.5	ANNUAL	SRCGP9	5
605892.2	4122300	2.40601	59.9	59.9	1.5	ANNUAL	SRCGP9	5
605912.2	4122300	2.43107	59.11	59.11	1.5	ANNUAL	SRCGP9	5
605932.2	4122300	2.48531	57.78	57.78	1.5	ANNUAL	SRCGP9	5
605952.2	4122300	2.45731	57.67	57.67	1.5	ANNUAL	SRCGP9	5
605972.2	4122300	2.40116	57.77	57.77	1.5	ANNUAL	SRCGP9	5
605992.2	4122300	2.33647	57.81	57.81	1.5	ANNUAL	SRCGP9	5
606012.2	4122300	2.26445	57.78	57.78	1.5	ANNUAL	SRCGP9	5
606032.2	4122300	2.17833	57.79	57.79	1.5	ANNUAL	SRCGP9	5
606052.2	4122300	2.07598	57.96	57.96	1.5	ANNUAL	SRCGP9	5
606292.2	4122300	1.09837	58.39	58.39	1.5	ANNUAL	SRCGP9	5
606312.2	4122300	1.02863	58.65	58.65	1.5	ANNUAL	SRCGP9	5
606332.2	4122300	0.96262	58.85	58.85	1.5	ANNUAL	SRCGP9	5
606352.2	4122300	0.90255	58.89	58.89	1.5	ANNUAL	SRCGP9	5
606392.2	4122300	0.79601	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606412.2	4122300	0.75574	59.49	59.49	1.5	ANNUAL	SRCGP9	5
606432.2	4122300	0.72072	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606452.2	4122300	0.69236	59.81	59.81	1.5	ANNUAL	SRCGP9	5
606472.2	4122300	0.67088	59.79	59.79	1.5	ANNUAL	SRCGP9	5
606492.2	4122300	0.65241	59.85	59.85	1.5	ANNUAL	SRCGP9	5
606512.2	4122300	0.63841	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606832.2	4122300	0.57598	59.44	59.44	1.5	ANNUAL	SRCGP9	5
606852.2	4122300	0.56667	59.77	59.77	1.5	ANNUAL	SRCGP9	5
606872.2	4122300	0.5633	59.64	59.64	1.5	ANNUAL	SRCGP9	5
606892.2	4122300	0.55675	59.72	59.72	1.5	ANNUAL	SRCGP9	5
606912.2	4122300	0.5509	59.72	59.72	1.5	ANNUAL	SRCGP9	5
605632.2	4122320	1.87582	55.6	55.6	1.5	ANNUAL	SRCGP9	5
605652.2	4122320	1.95253	55.89	55.89	1.5	ANNUAL	SRCGP9	5
605672.2	4122320	2.03917	56.38	56.38	1.5	ANNUAL	SRCGP9	5
605692.2	4122320	2.10391	56.37	56.37	1.5	ANNUAL	SRCGP9	5
605772.2	4122320	2.34366	56.92	56.92	1.5	ANNUAL	SRCGP9	5
605792.2	4122320	2.38927	56.99	56.99	1.5	ANNUAL	SRCGP9	5
605852.2	4122320	2.44789	57.46	59.49	1.5	ANNUAL	SRCGP9	5
605872.2	4122320	2.35762	59.31	59.31	1.5	ANNUAL	SRCGP9	5
605892.2	4122320	2.33546	59.62	59.62	1.5	ANNUAL	SRCGP9	5
605912.2	4122320	2.32179	59.48	59.48	1.5	ANNUAL	SRCGP9	5
605932.2	4122320	2.37857	57.87	57.87	1.5	ANNUAL	SRCGP9	5
605952.2	4122320	2.3741	57.34	57.34	1.5	ANNUAL	SRCGP9	5
605972.2	4122320	2.29367	57.74	57.74	1.5	ANNUAL	SRCGP9	5
605992.2	4122320	2.227	57.8	57.8	1.5	ANNUAL	SRCGP9	5
606012.2	4122320	2.15277	57.84	57.84	1.5	ANNUAL	SRCGP9	5

606032.2	4122320	2.07254	57.86	57.86	1.5	ANNUAL	SRCGP9	5
606392.2	4122320	0.79509	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606412.2	4122320	0.7553	59.52	59.52	1.5	ANNUAL	SRCGP9	5
606432.2	4122320	0.72179	59.54	59.54	1.5	ANNUAL	SRCGP9	5
606452.2	4122320	0.68793	59.91	59.91	1.5	ANNUAL	SRCGP9	5
606472.2	4122320	0.66653	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606752.2	4122320	0.57256	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606772.2	4122320	0.56569	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606792.2	4122320	0.56258	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606812.2	4122320	0.56073	59.77	59.77	1.5	ANNUAL	SRCGP9	5
606832.2	4122320	0.55749	59.72	59.72	1.5	ANNUAL	SRCGP9	5
606852.2	4122320	0.55095	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606872.2	4122320	0.54883	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606892.2	4122320	0.54374	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606912.2	4122320	0.53843	59.68	59.68	1.5	ANNUAL	SRCGP9	5
605632.2	4122340	1.91018	56.01	56.01	1.5	ANNUAL	SRCGP9	5
605652.2	4122340	1.96824	55.94	55.94	1.5	ANNUAL	SRCGP9	5
605672.2	4122340	2.03918	56.2	56.2	1.5	ANNUAL	SRCGP9	5
605692.2	4122340	2.09882	56.23	56.23	1.5	ANNUAL	SRCGP9	5
605712.2	4122340	2.16176	56.38	56.38	1.5	ANNUAL	SRCGP9	5
605732.2	4122340	2.21007	57.25	57.25	1.5	ANNUAL	SRCGP9	5
605752.2	4122340	2.21019	58.37	58.37	1.5	ANNUAL	SRCGP9	5
605772.2	4122340	2.24999	58.35	58.8	1.5	ANNUAL	SRCGP9	5
605792.2	4122340	2.27379	58.55	58.55	1.5	ANNUAL	SRCGP9	5
605812.2	4122340	2.31119	58.25	59.98	1.5	ANNUAL	SRCGP9	5
605832.2	4122340	2.33598	58.07	59.98	1.5	ANNUAL	SRCGP9	5
605852.2	4122340	2.32001	58.53	58.53	1.5	ANNUAL	SRCGP9	5
605872.2	4122340	2.26776	59.58	59.58	1.5	ANNUAL	SRCGP9	5
605892.2	4122340	2.25226	59.57	59.57	1.5	ANNUAL	SRCGP9	5
605912.2	4122340	2.2221	59.66	59.66	1.5	ANNUAL	SRCGP9	5
605932.2	4122340	2.25135	58.34	59	1.5	ANNUAL	SRCGP9	5
605952.2	4122340	2.24055	57.77	57.77	1.5	ANNUAL	SRCGP9	5
605972.2	4122340	2.18461	57.8	57.8	1.5	ANNUAL	SRCGP9	5
606692.2	4122340	0.56553	59.65	59.65	1.5	ANNUAL	SRCGP9	5
606712.2	4122340	0.55855	59.94	59.94	1.5	ANNUAL	SRCGP9	5
606732.2	4122340	0.55433	60.06	60.06	1.5	ANNUAL	SRCGP9	5
606752.2	4122340	0.55521	59.81	59.81	1.5	ANNUAL	SRCGP9	5
606772.2	4122340	0.55172	59.86	59.86	1.5	ANNUAL	SRCGP9	5
606792.2	4122340	0.55101	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606812.2	4122340	0.54763	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606832.2	4122340	0.54551	59.57	59.57	1.5	ANNUAL	SRCGP9	5
606852.2	4122340	0.54013	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606872.2	4122340	0.53411	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606892.2	4122340	0.53148	59.63	59.63	1.5	ANNUAL	SRCGP9	5
606912.2	4122340	0.52606	59.66	59.66	1.5	ANNUAL	SRCGP9	5
605632.2	4122360	1.91832	55.97	55.97	1.5	ANNUAL	SRCGP9	5
605652.2	4122360	1.97261	55.94	55.94	1.5	ANNUAL	SRCGP9	5
605672.2	4122360	2.04221	56.31	56.31	1.5	ANNUAL	SRCGP9	5
605692.2	4122360	2.09812	56.4	56.4	1.5	ANNUAL	SRCGP9	5
605712.2	4122360	2.15204	56.57	56.57	1.5	ANNUAL	SRCGP9	5
605732.2	4122360	2.18338	57.31	57.31	1.5	ANNUAL	SRCGP9	5
605752.2	4122360	2.16142	58.82	58.82	1.5	ANNUAL	SRCGP9	5
605772.2	4122360	2.15577	59.8	59.8	1.5	ANNUAL	SRCGP9	5
605792.2	4122360	2.18094	59.68	59.68	1.5	ANNUAL	SRCGP9	5
605812.2	4122360	2.18036	60.07	60.07	1.5	ANNUAL	SRCGP9	5
605832.2	4122360	2.19463	59.81	59.81	1.5	ANNUAL	SRCGP9	5
605852.2	4122360	2.20609	59.43	59.43	1.5	ANNUAL	SRCGP9	5
605872.2	4122360	2.18749	59.58	59.58	1.5	ANNUAL	SRCGP9	5
605892.2	4122360	2.16499	59.6	59.6	1.5	ANNUAL	SRCGP9	5
605912.2	4122360	2.12384	59.85	59.85	1.5	ANNUAL	SRCGP9	5
605952.2	4122360	2.15151	57.6	57.6	1.5	ANNUAL	SRCGP9	5
606632.2	4122360	0.56759	59.49	59.49	1.5	ANNUAL	SRCGP9	5
606652.2	4122360	0.55718	59.85	59.85	1.5	ANNUAL	SRCGP9	5

606672.2	4122360	0.55175	59.95	59.95	1.5	ANNUAL	SRCGP9	5
606692.2	4122360	0.54722	60.03	60.03	1.5	ANNUAL	SRCGP9	5
606712.2	4122360	0.54831	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606732.2	4122360	0.54317	59.9	59.9	1.5	ANNUAL	SRCGP9	5
606772.2	4122360	0.54064	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606792.2	4122360	0.53906	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606812.2	4122360	0.53628	59.52	59.52	1.5	ANNUAL	SRCGP9	5
606832.2	4122360	0.53076	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606852.2	4122360	0.52947	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606872.2	4122360	0.52124	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606892.2	4122360	0.51959	59.57	59.57	1.5	ANNUAL	SRCGP9	5
606912.2	4122360	0.51615	59.46	59.46	1.5	ANNUAL	SRCGP9	5
605632.2	4122380	1.92774	56.18	56.18	1.5	ANNUAL	SRCGP9	5
605652.2	4122380	1.97398	56.08	56.08	1.5	ANNUAL	SRCGP9	5
605672.2	4122380	2.03793	56.46	56.46	1.5	ANNUAL	SRCGP9	5
605692.2	4122380	2.08549	56.65	56.65	1.5	ANNUAL	SRCGP9	5
605712.2	4122380	2.12703	56.74	56.74	1.5	ANNUAL	SRCGP9	5
605732.2	4122380	2.14326	57.49	57.49	1.5	ANNUAL	SRCGP9	5
605752.2	4122380	2.11379	59.04	59.04	1.5	ANNUAL	SRCGP9	5
605772.2	4122380	2.11518	59.6	59.6	1.5	ANNUAL	SRCGP9	5
605792.2	4122380	2.12274	59.77	59.77	1.5	ANNUAL	SRCGP9	5
605812.2	4122380	2.11952	60.03	60.03	1.5	ANNUAL	SRCGP9	5
605832.2	4122380	2.13177	59.64	59.64	1.5	ANNUAL	SRCGP9	5
605852.2	4122380	2.12443	59.58	59.58	1.5	ANNUAL	SRCGP9	5
605872.2	4122380	2.10463	59.63	59.63	1.5	ANNUAL	SRCGP9	5
605892.2	4122380	2.0799	59.6	59.6	1.5	ANNUAL	SRCGP9	5
605912.2	4122380	2.04487	59.63	59.63	1.5	ANNUAL	SRCGP9	5
606572.2	4122380	0.57853	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606592.2	4122380	0.56852	59.66	59.66	1.5	ANNUAL	SRCGP9	5
606612.2	4122380	0.56006	59.72	59.72	1.5	ANNUAL	SRCGP9	5
606632.2	4122380	0.55387	59.71	59.71	1.5	ANNUAL	SRCGP9	5
606652.2	4122380	0.54611	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606752.2	4122380	0.53174	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606772.2	4122380	0.5255	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606792.2	4122380	0.52194	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606812.2	4122380	0.5218	59.63	59.63	1.5	ANNUAL	SRCGP9	5
606832.2	4122380	0.51925	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606852.2	4122380	0.51744	59.41	59.41	1.5	ANNUAL	SRCGP9	5
606872.2	4122380	0.51238	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606892.2	4122380	0.50678	59.62	59.62	1.5	ANNUAL	SRCGP9	5
605632.2	4122400	1.92343	56.24	56.24	1.5	ANNUAL	SRCGP9	5
605652.2	4122400	1.96247	56.1	56.1	1.5	ANNUAL	SRCGP9	5
605672.2	4122400	2.02079	56.5	56.5	1.5	ANNUAL	SRCGP9	5
605692.2	4122400	2.05993	56.64	56.64	1.5	ANNUAL	SRCGP9	5
605712.2	4122400	2.09446	56.76	56.76	1.5	ANNUAL	SRCGP9	5
605732.2	4122400	2.09972	57.59	57.59	1.5	ANNUAL	SRCGP9	5
605752.2	4122400	2.06033	59.26	59.26	1.5	ANNUAL	SRCGP9	5
605772.2	4122400	2.06252	59.6	59.6	1.5	ANNUAL	SRCGP9	5
605792.2	4122400	2.06973	59.59	59.59	1.5	ANNUAL	SRCGP9	5
605812.2	4122400	2.06933	59.6	59.6	1.5	ANNUAL	SRCGP9	5
605832.2	4122400	2.06321	59.57	59.57	1.5	ANNUAL	SRCGP9	5
605852.2	4122400	2.04908	59.56	59.56	1.5	ANNUAL	SRCGP9	5
605872.2	4122400	2.01507	59.88	59.88	1.5	ANNUAL	SRCGP9	5
605892.2	4122400	1.99868	59.55	59.55	1.5	ANNUAL	SRCGP9	5
605912.2	4122400	1.99506	58.79	59.2	1.5	ANNUAL	SRCGP9	5
605932.2	4122400	2.02644	57.36	57.36	1.5	ANNUAL	SRCGP9	5
606512.2	4122400	0.60902	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606532.2	4122400	0.59273	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606552.2	4122400	0.57975	59.7	59.7	1.5	ANNUAL	SRCGP9	5
606572.2	4122400	0.56871	59.71	59.71	1.5	ANNUAL	SRCGP9	5
606592.2	4122400	0.55934	59.71	59.71	1.5	ANNUAL	SRCGP9	5
606692.2	4122400	0.52904	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606712.2	4122400	0.52277	59.86	59.86	1.5	ANNUAL	SRCGP9	5

606732.2	4122400	0.51911	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606752.2	4122400	0.51753	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606772.2	4122400	0.5132	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606792.2	4122400	0.5086	59.95	59.95	1.5	ANNUAL	SRCGP9	5
606812.2	4122400	0.50874	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606832.2	4122400	0.506	59.63	59.63	1.5	ANNUAL	SRCGP9	5
605632.2	4122420	1.91418	56.36	56.36	1.5	ANNUAL	SRCGP9	5
605652.2	4122420	1.95568	56.42	56.42	1.5	ANNUAL	SRCGP9	5
605672.2	4122420	1.99539	56.71	56.71	1.5	ANNUAL	SRCGP9	5
605692.2	4122420	2.02773	56.78	56.78	1.5	ANNUAL	SRCGP9	5
605712.2	4122420	2.05569	56.82	56.82	1.5	ANNUAL	SRCGP9	5
605732.2	4122420	2.05939	57.47	57.47	1.5	ANNUAL	SRCGP9	5
605752.2	4122420	2.0105	59.24	59.24	1.5	ANNUAL	SRCGP9	5
605772.2	4122420	2.00649	59.59	59.59	1.5	ANNUAL	SRCGP9	5
605792.2	4122420	2.00874	59.56	59.56	1.5	ANNUAL	SRCGP9	5
605812.2	4122420	2.00462	59.53	59.53	1.5	ANNUAL	SRCGP9	5
605832.2	4122420	1.99918	59.36	59.36	1.5	ANNUAL	SRCGP9	5
605852.2	4122420	1.98755	59.19	59.19	1.5	ANNUAL	SRCGP9	5
605872.2	4122420	1.98896	58.56	59.97	1.5	ANNUAL	SRCGP9	5
605892.2	4122420	1.98312	58.02	59.56	1.5	ANNUAL	SRCGP9	5
605912.2	4122420	1.98663	57.26	57.26	1.5	ANNUAL	SRCGP9	5
606452.2	4122420	0.66604	59.4	59.4	1.5	ANNUAL	SRCGP9	5
606472.2	4122420	0.64045	59.54	59.54	1.5	ANNUAL	SRCGP9	5
606492.2	4122420	0.61821	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606512.2	4122420	0.60063	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606532.2	4122420	0.59253	59.29	59.29	1.5	ANNUAL	SRCGP9	5
606552.2	4122420	0.57436	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606632.2	4122420	0.53713	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606652.2	4122420	0.52745	59.81	59.81	1.5	ANNUAL	SRCGP9	5
606672.2	4122420	0.52522	59.57	59.57	1.5	ANNUAL	SRCGP9	5
606692.2	4122420	0.51626	59.86	59.86	1.5	ANNUAL	SRCGP9	5
606712.2	4122420	0.51314	59.77	59.77	1.5	ANNUAL	SRCGP9	5
606732.2	4122420	0.50834	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606752.2	4122420	0.50416	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606772.2	4122420	0.5007	59.9	59.9	1.5	ANNUAL	SRCGP9	5
606852.2	4122420	0.49331	59.41	59.41	1.5	ANNUAL	SRCGP9	5
606872.2	4122420	0.48853	59.51	59.51	1.5	ANNUAL	SRCGP9	5
606892.2	4122420	0.48487	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606912.2	4122420	0.48479	59.15	59.15	1.5	ANNUAL	SRCGP9	5
605632.2	4122440	1.89768	56.46	56.46	1.5	ANNUAL	SRCGP9	5
605652.2	4122440	1.93334	56.76	56.76	1.5	ANNUAL	SRCGP9	5
605672.2	4122440	1.96369	56.96	56.96	1.5	ANNUAL	SRCGP9	5
605692.2	4122440	1.99006	56.98	56.98	1.5	ANNUAL	SRCGP9	5
605712.2	4122440	2.01199	56.95	56.95	1.5	ANNUAL	SRCGP9	5
605732.2	4122440	2.00963	57.48	57.48	1.5	ANNUAL	SRCGP9	5
605752.2	4122440	1.98172	58.5	58.96	1.5	ANNUAL	SRCGP9	5
605772.2	4122440	1.98021	58.64	59.06	1.5	ANNUAL	SRCGP9	5
605792.2	4122440	1.98147	58.54	58.54	1.5	ANNUAL	SRCGP9	5
605812.2	4122440	1.98297	58.29	58.29	1.5	ANNUAL	SRCGP9	5
605832.2	4122440	1.97983	58.03	58.03	1.5	ANNUAL	SRCGP9	5
605852.2	4122440	1.97819	57.63	57.63	1.5	ANNUAL	SRCGP9	5
605872.2	4122440	1.98375	57.03	57.03	1.5	ANNUAL	SRCGP9	5
605892.2	4122440	1.95395	57.01	57.01	1.5	ANNUAL	SRCGP9	5
606452.2	4122440	0.65305	59.7	59.7	1.5	ANNUAL	SRCGP9	5
606472.2	4122440	0.63169	59.64	59.64	1.5	ANNUAL	SRCGP9	5
606492.2	4122440	0.61442	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606552.2	4122440	0.56923	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606612.2	4122440	0.53227	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606632.2	4122440	0.52571	59.79	59.79	1.5	ANNUAL	SRCGP9	5
606652.2	4122440	0.51951	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606672.2	4122440	0.51747	59.45	59.45	1.5	ANNUAL	SRCGP9	5
606692.2	4122440	0.50688	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606712.2	4122440	0.50127	59.9	59.9	1.5	ANNUAL	SRCGP9	5

606732.2	4122440	0.49769	59.85	59.85	1.5	ANNUAL	SRCGP9	5
606812.2	4122440	0.48713	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606832.2	4122440	0.48377	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606852.2	4122440	0.48083	59.51	59.51	1.5	ANNUAL	SRCGP9	5
606872.2	4122440	0.47855	59.4	59.4	1.5	ANNUAL	SRCGP9	5
606892.2	4122440	0.47457	59.43	59.43	1.5	ANNUAL	SRCGP9	5
606912.2	4122440	0.47447	59.09	59.09	1.5	ANNUAL	SRCGP9	5
605632.2	4122460	1.8712	56.44	56.44	1.5	ANNUAL	SRCGP9	5
605652.2	4122460	1.90221	56.68	56.68	1.5	ANNUAL	SRCGP9	5
605672.2	4122460	1.9271	56.74	56.74	1.5	ANNUAL	SRCGP9	5
605692.2	4122460	1.94799	56.75	56.75	1.5	ANNUAL	SRCGP9	5
605712.2	4122460	1.9645	56.95	56.95	1.5	ANNUAL	SRCGP9	5
605732.2	4122460	1.96708	57.23	57.23	1.5	ANNUAL	SRCGP9	5
605752.2	4122460	1.97119	57.28	57.28	1.5	ANNUAL	SRCGP9	5
605772.2	4122460	1.97463	57.22	57.22	1.5	ANNUAL	SRCGP9	5
605792.2	4122460	1.97325	57.15	57.15	1.5	ANNUAL	SRCGP9	5
605812.2	4122460	1.96503	57.11	57.11	1.5	ANNUAL	SRCGP9	5
605832.2	4122460	1.95428	56.95	56.95	1.5	ANNUAL	SRCGP9	5
606392.2	4122460	0.74173	58.98	58.98	1.5	ANNUAL	SRCGP9	5
606412.2	4122460	0.70828	59.13	59.13	1.5	ANNUAL	SRCGP9	5
606432.2	4122460	0.67681	59.33	59.33	1.5	ANNUAL	SRCGP9	5
606552.2	4122460	0.55586	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606572.2	4122460	0.54444	59.86	59.86	1.5	ANNUAL	SRCGP9	5
606592.2	4122460	0.53126	60.06	60.06	1.5	ANNUAL	SRCGP9	5
606612.2	4122460	0.5213	60.12	60.12	1.5	ANNUAL	SRCGP9	5
606632.2	4122460	0.5164	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606652.2	4122460	0.51199	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606672.2	4122460	0.50726	59.54	59.54	1.5	ANNUAL	SRCGP9	5
606752.2	4122460	0.48732	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606772.2	4122460	0.48141	59.72	59.72	1.5	ANNUAL	SRCGP9	5
606792.2	4122460	0.47934	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606812.2	4122460	0.47383	59.77	59.77	1.5	ANNUAL	SRCGP9	5
606832.2	4122460	0.47282	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606852.2	4122460	0.46889	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606872.2	4122460	0.46764	59.41	59.41	1.5	ANNUAL	SRCGP9	5
606892.2	4122460	0.46252	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606912.2	4122460	0.4632	59.15	59.15	1.5	ANNUAL	SRCGP9	5
606332.2	4122480	0.8394	58.58	58.58	1.5	ANNUAL	SRCGP9	5
606352.2	4122480	0.79329	59.06	59.06	1.5	ANNUAL	SRCGP9	5
606372.2	4122480	0.75891	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606392.2	4122480	0.72765	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606412.2	4122480	0.69927	59.08	59.08	1.5	ANNUAL	SRCGP9	5
606432.2	4122480	0.67194	59.12	59.12	1.5	ANNUAL	SRCGP9	5
606452.2	4122480	0.64009	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606472.2	4122480	0.6108	60.03	60.03	1.5	ANNUAL	SRCGP9	5
606512.2	4122480	0.57224	60.22	60.22	1.5	ANNUAL	SRCGP9	5
606532.2	4122480	0.55795	60.18	60.18	1.5	ANNUAL	SRCGP9	5
606552.2	4122480	0.54671	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606572.2	4122480	0.53562	59.99	59.99	1.5	ANNUAL	SRCGP9	5
606592.2	4122480	0.52373	60.09	60.09	1.5	ANNUAL	SRCGP9	5
606612.2	4122480	0.51784	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606672.2	4122480	0.49946	59.49	59.49	1.5	ANNUAL	SRCGP9	5
606692.2	4122480	0.49085	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606712.2	4122480	0.48702	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606732.2	4122480	0.47772	59.91	59.91	1.5	ANNUAL	SRCGP9	5
606752.2	4122480	0.47438	59.82	59.82	1.5	ANNUAL	SRCGP9	5
606772.2	4122480	0.46833	60	60	1.5	ANNUAL	SRCGP9	5
606792.2	4122480	0.46507	59.96	59.96	1.5	ANNUAL	SRCGP9	5
606812.2	4122480	0.4619	59.93	59.93	1.5	ANNUAL	SRCGP9	5
606832.2	4122480	0.46205	59.6	59.6	1.5	ANNUAL	SRCGP9	5
606852.2	4122480	0.45802	59.66	59.66	1.5	ANNUAL	SRCGP9	5
606872.2	4122480	0.45653	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606892.2	4122480	0.45258	59.53	59.53	1.5	ANNUAL	SRCGP9	5

606912.2	4122480	0.45192	59.25	59.25	1.5	ANNUAL	SRCGP9	5
606332.2	4122500	0.81219	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606372.2	4122500	0.74353	59.23	59.23	1.5	ANNUAL	SRCGP9	5
606392.2	4122500	0.71716	59.06	59.06	1.5	ANNUAL	SRCGP9	5
606412.2	4122500	0.68943	59.06	59.06	1.5	ANNUAL	SRCGP9	5
606432.2	4122500	0.66482	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606472.2	4122500	0.6043	59.97	59.97	1.5	ANNUAL	SRCGP9	5
606492.2	4122500	0.58346	60.12	60.12	1.5	ANNUAL	SRCGP9	5
606512.2	4122500	0.5701	59.9	59.9	1.5	ANNUAL	SRCGP9	5
606532.2	4122500	0.55938	59.62	59.62	1.5	ANNUAL	SRCGP9	5
606632.2	4122500	0.50498	59.6	59.6	1.5	ANNUAL	SRCGP9	5
606652.2	4122500	0.49577	59.7	59.7	1.5	ANNUAL	SRCGP9	5
606672.2	4122500	0.48716	59.82	59.82	1.5	ANNUAL	SRCGP9	5
606692.2	4122500	0.48068	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606712.2	4122500	0.47449	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606732.2	4122500	0.46982	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606752.2	4122500	0.4628	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606772.2	4122500	0.45957	59.95	59.95	1.5	ANNUAL	SRCGP9	5
606792.2	4122500	0.45861	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606812.2	4122500	0.4534	59.82	59.82	1.5	ANNUAL	SRCGP9	5
606832.2	4122500	0.45136	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606852.2	4122500	0.45034	59.45	59.45	1.5	ANNUAL	SRCGP9	5
606872.2	4122500	0.4461	59.53	59.53	1.5	ANNUAL	SRCGP9	5
606892.2	4122500	0.44183	59.62	59.62	1.5	ANNUAL	SRCGP9	5
606912.2	4122500	0.44117	59.34	59.34	1.5	ANNUAL	SRCGP9	5
606272.2	4122520	0.9072	58.54	58.54	1.5	ANNUAL	SRCGP9	5
606292.2	4122520	0.86155	59.05	59.05	1.5	ANNUAL	SRCGP9	5
606392.2	4122520	0.70346	59.17	59.17	1.5	ANNUAL	SRCGP9	5
606412.2	4122520	0.6781	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606432.2	4122520	0.65357	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606472.2	4122520	0.60165	59.65	59.65	1.5	ANNUAL	SRCGP9	5
606552.2	4122520	0.54128	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606572.2	4122520	0.52849	59.52	59.52	1.5	ANNUAL	SRCGP9	5
606592.2	4122520	0.51717	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606612.2	4122520	0.50731	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606632.2	4122520	0.49837	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606652.2	4122520	0.49012	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606672.2	4122520	0.47785	59.96	59.96	1.5	ANNUAL	SRCGP9	5
606692.2	4122520	0.46955	60.11	60.11	1.5	ANNUAL	SRCGP9	5
606712.2	4122520	0.46546	59.95	59.95	1.5	ANNUAL	SRCGP9	5
606732.2	4122520	0.46395	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606752.2	4122520	0.45596	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606772.2	4122520	0.45422	59.63	59.63	1.5	ANNUAL	SRCGP9	5
606792.2	4122520	0.4518	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606812.2	4122520	0.44874	59.39	59.39	1.5	ANNUAL	SRCGP9	5
606832.2	4122520	0.44293	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606852.2	4122520	0.44065	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606872.2	4122520	0.43553	59.64	59.64	1.5	ANNUAL	SRCGP9	5
606892.2	4122520	0.43106	59.76	59.76	1.5	ANNUAL	SRCGP9	5
606272.2	4122540	0.87498	59	59	1.5	ANNUAL	SRCGP9	5
606292.2	4122540	0.84104	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606312.2	4122540	0.81173	58.98	58.98	1.5	ANNUAL	SRCGP9	5
606332.2	4122540	0.78413	58.82	58.82	1.5	ANNUAL	SRCGP9	5
606352.2	4122540	0.74733	59.17	59.17	1.5	ANNUAL	SRCGP9	5
606372.2	4122540	0.71848	59.19	59.19	1.5	ANNUAL	SRCGP9	5
606392.2	4122540	0.69243	59.14	59.14	1.5	ANNUAL	SRCGP9	5
606412.2	4122540	0.66781	59.1	59.1	1.5	ANNUAL	SRCGP9	5
606432.2	4122540	0.64336	59.15	59.15	1.5	ANNUAL	SRCGP9	5
606492.2	4122540	0.58193	59.26	59.26	1.5	ANNUAL	SRCGP9	5
606512.2	4122540	0.5619	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606532.2	4122540	0.5475	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606552.2	4122540	0.53235	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606572.2	4122540	0.52187	59.5	59.5	1.5	ANNUAL	SRCGP9	5

606592.2	4122540	0.51013	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606612.2	4122540	0.4962	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606632.2	4122540	0.49231	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606652.2	4122540	0.48176	59.65	59.65	1.5	ANNUAL	SRCGP9	5
606672.2	4122540	0.47388	59.68	59.68	1.5	ANNUAL	SRCGP9	5
606692.2	4122540	0.46552	59.81	59.81	1.5	ANNUAL	SRCGP9	5
606712.2	4122540	0.45943	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606732.2	4122540	0.45787	59.44	59.44	1.5	ANNUAL	SRCGP9	5
606752.2	4122540	0.45229	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606772.2	4122540	0.44696	59.52	59.52	1.5	ANNUAL	SRCGP9	5
606792.2	4122540	0.44172	59.6	59.6	1.5	ANNUAL	SRCGP9	5
606812.2	4122540	0.43914	59.46	59.46	1.5	ANNUAL	SRCGP9	5
606832.2	4122540	0.4332	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606852.2	4122540	0.42992	59.64	59.64	1.5	ANNUAL	SRCGP9	5
606872.2	4122540	0.42725	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606892.2	4122540	0.42361	59.59	59.59	1.5	ANNUAL	SRCGP9	5
605632.2	4122560	1.68953	56.47	56.47	1.5	ANNUAL	SRCGP9	5
605652.2	4122560	1.69851	56.51	56.51	1.5	ANNUAL	SRCGP9	5
605672.2	4122560	1.70304	56.69	56.69	1.5	ANNUAL	SRCGP9	5
605692.2	4122560	1.70421	56.62	56.62	1.5	ANNUAL	SRCGP9	5
605712.2	4122560	1.70192	56.64	56.64	1.5	ANNUAL	SRCGP9	5
605732.2	4122560	1.69609	56.66	56.66	1.5	ANNUAL	SRCGP9	5
605752.2	4122560	1.68668	56.66	56.66	1.5	ANNUAL	SRCGP9	5
605772.2	4122560	1.67369	56.76	56.76	1.5	ANNUAL	SRCGP9	5
605792.2	4122560	1.65717	56.72	56.72	1.5	ANNUAL	SRCGP9	5
605812.2	4122560	1.63722	56.79	56.79	1.5	ANNUAL	SRCGP9	5
605832.2	4122560	1.61399	56.82	56.82	1.5	ANNUAL	SRCGP9	5
605852.2	4122560	1.58771	56.81	56.81	1.5	ANNUAL	SRCGP9	5
606292.2	4122560	0.82557	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606312.2	4122560	0.7946	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606332.2	4122560	0.76613	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606352.2	4122560	0.73664	58.98	58.98	1.5	ANNUAL	SRCGP9	5
606492.2	4122560	0.57267	59.36	59.36	1.5	ANNUAL	SRCGP9	5
606512.2	4122560	0.55403	59.54	59.54	1.5	ANNUAL	SRCGP9	5
606532.2	4122560	0.54143	59.41	59.41	1.5	ANNUAL	SRCGP9	5
606552.2	4122560	0.52464	59.67	59.67	1.5	ANNUAL	SRCGP9	5
606572.2	4122560	0.51115	59.79	59.79	1.5	ANNUAL	SRCGP9	5
606592.2	4122560	0.50058	59.77	59.77	1.5	ANNUAL	SRCGP9	5
606612.2	4122560	0.48946	59.87	59.87	1.5	ANNUAL	SRCGP9	5
606632.2	4122560	0.48562	59.45	59.45	1.5	ANNUAL	SRCGP9	5
606652.2	4122560	0.47502	59.63	59.63	1.5	ANNUAL	SRCGP9	5
606672.2	4122560	0.46796	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606692.2	4122560	0.46034	59.63	59.63	1.5	ANNUAL	SRCGP9	5
606712.2	4122560	0.45448	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606732.2	4122560	0.44726	59.7	59.7	1.5	ANNUAL	SRCGP9	5
606752.2	4122560	0.44179	59.71	59.71	1.5	ANNUAL	SRCGP9	5
606772.2	4122560	0.43751	59.65	59.65	1.5	ANNUAL	SRCGP9	5
606792.2	4122560	0.43146	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606812.2	4122560	0.4284	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606832.2	4122560	0.42549	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606852.2	4122560	0.42114	59.66	59.66	1.5	ANNUAL	SRCGP9	5
606872.2	4122560	0.4184	59.58	59.58	1.5	ANNUAL	SRCGP9	5
605632.2	4122580	1.63974	56.22	56.22	1.5	ANNUAL	SRCGP9	5
605652.2	4122580	1.64558	56.26	56.26	1.5	ANNUAL	SRCGP9	5
605672.2	4122580	1.65119	56.39	56.39	1.5	ANNUAL	SRCGP9	5
605692.2	4122580	1.64661	56.29	56.29	1.5	ANNUAL	SRCGP9	5
605712.2	4122580	1.64411	56.36	56.36	1.5	ANNUAL	SRCGP9	5
605732.2	4122580	1.63519	56.33	56.33	1.5	ANNUAL	SRCGP9	5
605752.2	4122580	1.62395	56.33	56.33	1.5	ANNUAL	SRCGP9	5
605772.2	4122580	1.6144	56.48	56.48	1.5	ANNUAL	SRCGP9	5
605792.2	4122580	1.59776	56.51	56.51	1.5	ANNUAL	SRCGP9	5
605812.2	4122580	1.57707	56.51	56.51	1.5	ANNUAL	SRCGP9	5
605832.2	4122580	1.5535	56.56	56.56	1.5	ANNUAL	SRCGP9	5

605852.2	4122580	1.52726	56.58	56.58	1.5	ANNUAL	SRCGP9	5
605872.2	4122580	1.49868	56.62	56.62	1.5	ANNUAL	SRCGP9	5
605892.2	4122580	1.4681	56.62	56.62	1.5	ANNUAL	SRCGP9	5
605912.2	4122580	1.43593	56.61	56.61	1.5	ANNUAL	SRCGP9	5
605932.2	4122580	1.40263	56.61	56.61	1.5	ANNUAL	SRCGP9	5
606252.2	4122580	0.86393	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606272.2	4122580	0.8332	59.03	59.03	1.5	ANNUAL	SRCGP9	5
606292.2	4122580	0.80446	59.03	59.03	1.5	ANNUAL	SRCGP9	5
606312.2	4122580	0.77479	59.1	59.1	1.5	ANNUAL	SRCGP9	5
606472.2	4122580	0.582	59.36	59.36	1.5	ANNUAL	SRCGP9	5
606492.2	4122580	0.56286	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606512.2	4122580	0.54391	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606532.2	4122580	0.535	59.36	59.36	1.5	ANNUAL	SRCGP9	5
606552.2	4122580	0.51542	59.85	59.85	1.5	ANNUAL	SRCGP9	5
606572.2	4122580	0.50329	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606592.2	4122580	0.49243	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606612.2	4122580	0.48724	59.51	59.51	1.5	ANNUAL	SRCGP9	5
606632.2	4122580	0.47796	59.52	59.52	1.5	ANNUAL	SRCGP9	5
606652.2	4122580	0.46928	59.54	59.54	1.5	ANNUAL	SRCGP9	5
606672.2	4122580	0.46128	59.56	59.56	1.5	ANNUAL	SRCGP9	5
606692.2	4122580	0.4511	59.83	59.83	1.5	ANNUAL	SRCGP9	5
606712.2	4122580	0.44545	59.75	59.75	1.5	ANNUAL	SRCGP9	5
606732.2	4122580	0.4405	59.65	59.65	1.5	ANNUAL	SRCGP9	5
606752.2	4122580	0.43569	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606772.2	4122580	0.43172	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606792.2	4122580	0.42688	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606812.2	4122580	0.42152	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606832.2	4122580	0.41796	59.53	59.53	1.5	ANNUAL	SRCGP9	5
606852.2	4122580	0.41351	59.6	59.6	1.5	ANNUAL	SRCGP9	5
606992.2	4122580	0.3915	59.46	59.46	1.5	ANNUAL	SRCGP9	5
607012.2	4122580	0.38879	59.39	59.39	1.5	ANNUAL	SRCGP9	5
607032.2	4122580	0.38502	59.45	59.45	1.5	ANNUAL	SRCGP9	5
607052.2	4122580	0.38624	58.85	58.85	1.5	ANNUAL	SRCGP9	5
605932.2	4122600	1.34691	56.42	56.42	1.5	ANNUAL	SRCGP9	5
606252.2	4122600	0.84254	58.95	58.95	1.5	ANNUAL	SRCGP9	5
606272.2	4122600	0.80867	59.29	59.29	1.5	ANNUAL	SRCGP9	5
606292.2	4122600	0.78261	59.23	59.23	1.5	ANNUAL	SRCGP9	5
606312.2	4122600	0.75796	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606412.2	4122600	0.63724	59.03	59.03	1.5	ANNUAL	SRCGP9	5
606432.2	4122600	0.61649	59.02	59.02	1.5	ANNUAL	SRCGP9	5
606452.2	4122600	0.59617	59.07	59.07	1.5	ANNUAL	SRCGP9	5
606472.2	4122600	0.57837	59.05	59.05	1.5	ANNUAL	SRCGP9	5
606492.2	4122600	0.55582	59.45	59.45	1.5	ANNUAL	SRCGP9	5
606512.2	4122600	0.54071	59.44	59.44	1.5	ANNUAL	SRCGP9	5
606532.2	4122600	0.52592	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606552.2	4122600	0.51405	59.43	59.43	1.5	ANNUAL	SRCGP9	5
606572.2	4122600	0.50387	59.31	59.31	1.5	ANNUAL	SRCGP9	5
606592.2	4122600	0.49075	59.49	59.49	1.5	ANNUAL	SRCGP9	5
606612.2	4122600	0.48071	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606632.2	4122600	0.47095	59.55	59.55	1.5	ANNUAL	SRCGP9	5
606652.2	4122600	0.46331	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606672.2	4122600	0.45422	59.59	59.59	1.5	ANNUAL	SRCGP9	5
606692.2	4122600	0.44427	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606712.2	4122600	0.44292	59.35	59.35	1.5	ANNUAL	SRCGP9	5
606992.2	4122600	0.38265	59.59	59.59	1.5	ANNUAL	SRCGP9	5
607012.2	4122600	0.379	59.66	59.66	1.5	ANNUAL	SRCGP9	5
607032.2	4122600	0.37563	59.69	59.69	1.5	ANNUAL	SRCGP9	5
607052.2	4122600	0.37916	58.78	58.78	1.5	ANNUAL	SRCGP9	5
605632.2	4122620	1.55845	56.39	56.39	1.5	ANNUAL	SRCGP9	5
605652.2	4122620	1.55843	56.39	56.39	1.5	ANNUAL	SRCGP9	5
605672.2	4122620	1.55824	56.48	56.48	1.5	ANNUAL	SRCGP9	5
605692.2	4122620	1.55195	56.45	56.45	1.5	ANNUAL	SRCGP9	5
605712.2	4122620	1.54086	56.35	56.35	1.5	ANNUAL	SRCGP9	5

605752.2	4122620	1.50646	56.02	56.02	1.5	ANNUAL	SRCGP9	5
605772.2	4122620	1.49645	56.24	56.24	1.5	ANNUAL	SRCGP9	5
605792.2	4122620	1.47924	56.3	56.3	1.5	ANNUAL	SRCGP9	5
605812.2	4122620	1.45993	56.37	56.37	1.5	ANNUAL	SRCGP9	5
605832.2	4122620	1.43782	56.42	56.42	1.5	ANNUAL	SRCGP9	5
605852.2	4122620	1.4117	56.4	56.4	1.5	ANNUAL	SRCGP9	5
605872.2	4122620	1.38364	56.37	56.37	1.5	ANNUAL	SRCGP9	5
605892.2	4122620	1.35371	56.32	56.32	1.5	ANNUAL	SRCGP9	5
605932.2	4122620	1.29596	56.38	56.38	1.5	ANNUAL	SRCGP9	5
606232.2	4122620	0.84844	58.93	58.93	1.5	ANNUAL	SRCGP9	5
606252.2	4122620	0.82073	59.02	59.02	1.5	ANNUAL	SRCGP9	5
606272.2	4122620	0.79306	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606292.2	4122620	0.76597	59.18	59.18	1.5	ANNUAL	SRCGP9	5
606312.2	4122620	0.74258	59.06	59.06	1.5	ANNUAL	SRCGP9	5
606352.2	4122620	0.69363	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606372.2	4122620	0.6707	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606412.2	4122620	0.62824	58.93	58.93	1.5	ANNUAL	SRCGP9	5
606432.2	4122620	0.60986	58.82	58.82	1.5	ANNUAL	SRCGP9	5
606452.2	4122620	0.59428	58.61	58.61	1.5	ANNUAL	SRCGP9	5
606472.2	4122620	0.57583	58.66	58.66	1.5	ANNUAL	SRCGP9	5
606492.2	4122620	0.54856	59.41	59.41	1.5	ANNUAL	SRCGP9	5
606512.2	4122620	0.531	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606532.2	4122620	0.51775	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606552.2	4122620	0.5075	59.4	59.4	1.5	ANNUAL	SRCGP9	5
606572.2	4122620	0.49502	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606592.2	4122620	0.48521	59.4	59.4	1.5	ANNUAL	SRCGP9	5
606612.2	4122620	0.47605	59.34	59.34	1.5	ANNUAL	SRCGP9	5
606632.2	4122620	0.46629	59.39	59.39	1.5	ANNUAL	SRCGP9	5
606652.2	4122620	0.45838	59.34	59.34	1.5	ANNUAL	SRCGP9	5
606672.2	4122620	0.44616	59.73	59.73	1.5	ANNUAL	SRCGP9	5
606692.2	4122620	0.44649	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606992.2	4122620	0.37525	59.57	59.57	1.5	ANNUAL	SRCGP9	5
607012.2	4122620	0.37117	59.71	59.71	1.5	ANNUAL	SRCGP9	5
607032.2	4122620	0.36792	59.74	59.74	1.5	ANNUAL	SRCGP9	5
607052.2	4122620	0.36667	59.48	59.48	1.5	ANNUAL	SRCGP9	5
605632.2	4122640	1.51028	56.2	56.2	1.5	ANNUAL	SRCGP9	5
605652.2	4122640	1.51117	56.31	56.31	1.5	ANNUAL	SRCGP9	5
605672.2	4122640	1.50908	56.4	56.4	1.5	ANNUAL	SRCGP9	5
605692.2	4122640	1.50072	56.35	56.35	1.5	ANNUAL	SRCGP9	5
605712.2	4122640	1.49113	56.35	56.35	1.5	ANNUAL	SRCGP9	5
605752.2	4122640	1.45611	56.05	56.05	1.5	ANNUAL	SRCGP9	5
605772.2	4122640	1.44601	56.3	56.3	1.5	ANNUAL	SRCGP9	5
605792.2	4122640	1.42923	56.39	56.39	1.5	ANNUAL	SRCGP9	5
605812.2	4122640	1.41115	56.55	56.55	1.5	ANNUAL	SRCGP9	5
605832.2	4122640	1.38782	56.54	56.54	1.5	ANNUAL	SRCGP9	5
605852.2	4122640	1.36283	56.52	56.52	1.5	ANNUAL	SRCGP9	5
605872.2	4122640	1.33646	56.68	56.68	1.5	ANNUAL	SRCGP9	5
605892.2	4122640	1.30904	56.51	56.51	1.5	ANNUAL	SRCGP9	5
605932.2	4122640	1.24747	56.32	56.32	1.5	ANNUAL	SRCGP9	5
606232.2	4122640	0.82548	59.03	59.03	1.5	ANNUAL	SRCGP9	5
606252.2	4122640	0.80043	59.05	59.05	1.5	ANNUAL	SRCGP9	5
606272.2	4122640	0.77536	59.07	59.07	1.5	ANNUAL	SRCGP9	5
606292.2	4122640	0.7501	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606312.2	4122640	0.7272	59.03	59.03	1.5	ANNUAL	SRCGP9	5
606352.2	4122640	0.68109	58.98	58.98	1.5	ANNUAL	SRCGP9	5
606412.2	4122640	0.61858	58.87	58.87	1.5	ANNUAL	SRCGP9	5
606432.2	4122640	0.60123	58.74	58.74	1.5	ANNUAL	SRCGP9	5
606452.2	4122640	0.58407	58.67	58.67	1.5	ANNUAL	SRCGP9	5
606472.2	4122640	0.56581	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606492.2	4122640	0.54468	59.12	59.12	1.5	ANNUAL	SRCGP9	5
606512.2	4122640	0.52634	59.4	59.4	1.5	ANNUAL	SRCGP9	5
606532.2	4122640	0.51027	59.61	59.61	1.5	ANNUAL	SRCGP9	5
606552.2	4122640	0.50196	59.29	59.29	1.5	ANNUAL	SRCGP9	5

606572.2	4122640	0.4884	59.46	59.46	1.5	ANNUAL	SRCGP9	5
606592.2	4122640	0.47942	59.33	59.33	1.5	ANNUAL	SRCGP9	5
606612.2	4122640	0.46786	59.48	59.48	1.5	ANNUAL	SRCGP9	5
606632.2	4122640	0.46155	59.24	59.24	1.5	ANNUAL	SRCGP9	5
606652.2	4122640	0.45181	59.35	59.35	1.5	ANNUAL	SRCGP9	5
606672.2	4122640	0.44991	58.82	58.82	1.5	ANNUAL	SRCGP9	5
606732.2	4122640	0.43016	58.7	58.7	1.5	ANNUAL	SRCGP9	5
606752.2	4122640	0.42393	58.71	58.71	1.5	ANNUAL	SRCGP9	5
606772.2	4122640	0.41823	58.71	58.71	1.5	ANNUAL	SRCGP9	5
606852.2	4122640	0.39883	58.74	58.74	1.5	ANNUAL	SRCGP9	5
606872.2	4122640	0.39537	58.68	58.68	1.5	ANNUAL	SRCGP9	5
606992.2	4122640	0.36773	59.6	59.6	1.5	ANNUAL	SRCGP9	5
607012.2	4122640	0.36375	59.74	59.74	1.5	ANNUAL	SRCGP9	5
607032.2	4122640	0.36059	59.77	59.77	1.5	ANNUAL	SRCGP9	5
607052.2	4122640	0.3575	59.79	59.79	1.5	ANNUAL	SRCGP9	5
605632.2	4122660	1.45988	55.89	55.89	1.5	ANNUAL	SRCGP9	5
605652.2	4122660	1.45939	56.02	56.02	1.5	ANNUAL	SRCGP9	5
605672.2	4122660	1.45486	56.08	56.08	1.5	ANNUAL	SRCGP9	5
605692.2	4122660	1.44724	56.11	56.11	1.5	ANNUAL	SRCGP9	5
605712.2	4122660	1.43523	56.06	56.06	1.5	ANNUAL	SRCGP9	5
605752.2	4122660	1.4017	55.86	55.86	1.5	ANNUAL	SRCGP9	5
605772.2	4122660	1.3903	56.09	56.09	1.5	ANNUAL	SRCGP9	5
605792.2	4122660	1.37324	56.18	56.18	1.5	ANNUAL	SRCGP9	5
605812.2	4122660	1.35721	56.38	56.38	1.5	ANNUAL	SRCGP9	5
605832.2	4122660	1.33221	56.3	56.3	1.5	ANNUAL	SRCGP9	5
605852.2	4122660	1.31024	56.39	56.39	1.5	ANNUAL	SRCGP9	5
605872.2	4122660	1.28789	56.58	56.58	1.5	ANNUAL	SRCGP9	5
605892.2	4122660	1.26163	56.56	56.56	1.5	ANNUAL	SRCGP9	5
605932.2	4122660	1.20206	56.27	56.27	1.5	ANNUAL	SRCGP9	5
606252.2	4122660	0.78151	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606272.2	4122660	0.75681	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606292.2	4122660	0.73378	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606312.2	4122660	0.71201	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606352.2	4122660	0.6681	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606412.2	4122660	0.60788	58.88	58.88	1.5	ANNUAL	SRCGP9	5
606432.2	4122660	0.59018	58.82	58.82	1.5	ANNUAL	SRCGP9	5
606452.2	4122660	0.57091	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606472.2	4122660	0.55576	58.85	58.85	1.5	ANNUAL	SRCGP9	5
606492.2	4122660	0.54166	58.76	58.76	1.5	ANNUAL	SRCGP9	5
606512.2	4122660	0.5176	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606532.2	4122660	0.50453	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606552.2	4122660	0.4928	59.47	59.47	1.5	ANNUAL	SRCGP9	5
606572.2	4122660	0.48569	59.13	59.13	1.5	ANNUAL	SRCGP9	5
606592.2	4122660	0.4733	59.29	59.29	1.5	ANNUAL	SRCGP9	5
606612.2	4122660	0.46406	59.25	59.25	1.5	ANNUAL	SRCGP9	5
606632.2	4122660	0.45512	59.24	59.24	1.5	ANNUAL	SRCGP9	5
606652.2	4122660	0.44449	59.44	59.44	1.5	ANNUAL	SRCGP9	5
606672.2	4122660	0.44377	58.79	58.79	1.5	ANNUAL	SRCGP9	5
606712.2	4122660	0.43208	58.53	58.53	1.5	ANNUAL	SRCGP9	5
606732.2	4122660	0.42339	58.72	58.72	1.5	ANNUAL	SRCGP9	5
606752.2	4122660	0.4167	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606772.2	4122660	0.41094	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606792.2	4122660	0.40557	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606832.2	4122660	0.39581	58.78	58.78	1.5	ANNUAL	SRCGP9	5
606852.2	4122660	0.39145	58.78	58.78	1.5	ANNUAL	SRCGP9	5
606872.2	4122660	0.38613	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606892.2	4122660	0.38198	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606992.2	4122660	0.36041	59.64	59.64	1.5	ANNUAL	SRCGP9	5
607012.2	4122660	0.35658	59.77	59.77	1.5	ANNUAL	SRCGP9	5
607032.2	4122660	0.3537	59.77	59.77	1.5	ANNUAL	SRCGP9	5
605632.2	4122680	1.41282	55.67	55.67	1.5	ANNUAL	SRCGP9	5
605652.2	4122680	1.40881	55.72	55.72	1.5	ANNUAL	SRCGP9	5
605672.2	4122680	1.40267	55.77	55.77	1.5	ANNUAL	SRCGP9	5

605852.2	4122680	1.25566	56.07	56.07	1.5	ANNUAL	SRCGP9	5
605872.2	4122680	1.24186	56.62	56.62	1.5	ANNUAL	SRCGP9	5
605892.2	4122680	1.21678	56.71	56.71	1.5	ANNUAL	SRCGP9	5
605932.2	4122680	1.15996	56.25	56.25	1.5	ANNUAL	SRCGP9	5
605952.2	4122680	1.14075	56.78	56.78	1.5	ANNUAL	SRCGP9	5
605972.2	4122680	1.11368	57.09	57.09	1.5	ANNUAL	SRCGP9	5
606252.2	4122680	0.7622	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606272.2	4122680	0.73983	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606312.2	4122680	0.69687	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606352.2	4122680	0.65426	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606372.2	4122680	0.63479	58.95	58.95	1.5	ANNUAL	SRCGP9	5
606392.2	4122680	0.61815	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606412.2	4122680	0.59584	58.99	58.99	1.5	ANNUAL	SRCGP9	5
606432.2	4122680	0.57914	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606452.2	4122680	0.56213	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606472.2	4122680	0.54708	58.86	58.86	1.5	ANNUAL	SRCGP9	5
606492.2	4122680	0.53382	58.74	58.74	1.5	ANNUAL	SRCGP9	5
606512.2	4122680	0.51092	59.44	59.44	1.5	ANNUAL	SRCGP9	5
606532.2	4122680	0.49961	59.32	59.32	1.5	ANNUAL	SRCGP9	5
606552.2	4122680	0.487	59.38	59.38	1.5	ANNUAL	SRCGP9	5
606572.2	4122680	0.48219	58.86	58.86	1.5	ANNUAL	SRCGP9	5
606592.2	4122680	0.46965	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606612.2	4122680	0.45829	59.19	59.19	1.5	ANNUAL	SRCGP9	5
606632.2	4122680	0.4466	59.44	59.44	1.5	ANNUAL	SRCGP9	5
606652.2	4122680	0.43913	59.36	59.36	1.5	ANNUAL	SRCGP9	5
606732.2	4122680	0.41766	58.66	58.66	1.5	ANNUAL	SRCGP9	5
606752.2	4122680	0.41053	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606772.2	4122680	0.40472	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606792.2	4122680	0.39947	58.73	58.73	1.5	ANNUAL	SRCGP9	5
606812.2	4122680	0.39411	58.76	58.76	1.5	ANNUAL	SRCGP9	5
606832.2	4122680	0.38791	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606852.2	4122680	0.38246	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606872.2	4122680	0.37827	59.05	59.05	1.5	ANNUAL	SRCGP9	5
606892.2	4122680	0.37534	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606992.2	4122680	0.35412	59.57	59.57	1.5	ANNUAL	SRCGP9	5
607012.2	4122680	0.35094	59.61	59.61	1.5	ANNUAL	SRCGP9	5
607032.2	4122680	0.34749	59.7	59.7	1.5	ANNUAL	SRCGP9	5
605632.2	4122700	1.38214	56.12	56.12	1.5	ANNUAL	SRCGP9	5
605652.2	4122700	1.37679	56.16	56.16	1.5	ANNUAL	SRCGP9	5
605672.2	4122700	1.3699	56.22	56.22	1.5	ANNUAL	SRCGP9	5
605692.2	4122700	1.35962	56.22	56.22	1.5	ANNUAL	SRCGP9	5
605712.2	4122700	1.34808	56.25	56.25	1.5	ANNUAL	SRCGP9	5
605752.2	4122700	1.31252	56.02	56.02	1.5	ANNUAL	SRCGP9	5
605772.2	4122700	1.2953	56.04	56.04	1.5	ANNUAL	SRCGP9	5
605792.2	4122700	1.27769	56.11	56.11	1.5	ANNUAL	SRCGP9	5
605812.2	4122700	1.25776	56.14	56.14	1.5	ANNUAL	SRCGP9	5
605852.2	4122700	1.21166	56.07	56.07	1.5	ANNUAL	SRCGP9	5
605872.2	4122700	1.19825	56.63	56.63	1.5	ANNUAL	SRCGP9	5
605892.2	4122700	1.17435	56.78	56.78	1.5	ANNUAL	SRCGP9	5
605932.2	4122700	1.11999	56.22	56.22	1.5	ANNUAL	SRCGP9	5
605952.2	4122700	1.10259	56.78	56.78	1.5	ANNUAL	SRCGP9	5
605972.2	4122700	1.07095	57.33	57.33	1.5	ANNUAL	SRCGP9	5
605992.2	4122700	1.04713	57.38	57.38	1.5	ANNUAL	SRCGP9	5
606012.2	4122700	1.02565	57.36	57.36	1.5	ANNUAL	SRCGP9	5
606032.2	4122700	0.99959	57.56	57.56	1.5	ANNUAL	SRCGP9	5
606112.2	4122700	0.8999	58.46	58.46	1.5	ANNUAL	SRCGP9	5
606132.2	4122700	0.87149	58.93	58.93	1.5	ANNUAL	SRCGP9	5
606412.2	4122700	0.58542	59	59	1.5	ANNUAL	SRCGP9	5
606432.2	4122700	0.56938	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606452.2	4122700	0.55326	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606472.2	4122700	0.53779	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606492.2	4122700	0.52416	58.86	58.86	1.5	ANNUAL	SRCGP9	5
606512.2	4122700	0.50839	59.04	59.04	1.5	ANNUAL	SRCGP9	5

606532.2	4122700	0.49282	59.29	59.29	1.5	ANNUAL	SRCGP9	5
606552.2	4122700	0.4833	59.11	59.11	1.5	ANNUAL	SRCGP9	5
606572.2	4122700	0.47571	58.83	58.83	1.5	ANNUAL	SRCGP9	5
606592.2	4122700	0.46215	59.12	59.12	1.5	ANNUAL	SRCGP9	5
606612.2	4122700	0.45125	59.25	59.25	1.5	ANNUAL	SRCGP9	5
606632.2	4122700	0.44231	59.26	59.26	1.5	ANNUAL	SRCGP9	5
606652.2	4122700	0.43331	59.33	59.33	1.5	ANNUAL	SRCGP9	5
606732.2	4122700	0.41086	58.72	58.72	1.5	ANNUAL	SRCGP9	5
606752.2	4122700	0.40465	58.72	58.72	1.5	ANNUAL	SRCGP9	5
606772.2	4122700	0.39909	58.69	58.69	1.5	ANNUAL	SRCGP9	5
606792.2	4122700	0.39285	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606812.2	4122700	0.38644	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606832.2	4122700	0.38018	59.08	59.08	1.5	ANNUAL	SRCGP9	5
606852.2	4122700	0.37524	59.14	59.14	1.5	ANNUAL	SRCGP9	5
606872.2	4122700	0.3725	58.97	58.97	1.5	ANNUAL	SRCGP9	5
605632.2	4122720	1.33616	55.87	55.87	1.5	ANNUAL	SRCGP9	5
605652.2	4122720	1.33126	55.98	55.98	1.5	ANNUAL	SRCGP9	5
605672.2	4122720	1.32431	56.08	56.08	1.5	ANNUAL	SRCGP9	5
605692.2	4122720	1.3191	56.34	56.34	1.5	ANNUAL	SRCGP9	5
605712.2	4122720	1.30433	56.25	56.25	1.5	ANNUAL	SRCGP9	5
605752.2	4122720	1.27034	56.1	56.1	1.5	ANNUAL	SRCGP9	5
605812.2	4122720	1.22078	56.43	56.43	1.5	ANNUAL	SRCGP9	5
605872.2	4122720	1.15691	56.64	56.64	1.5	ANNUAL	SRCGP9	5
605892.2	4122720	1.13418	56.83	56.83	1.5	ANNUAL	SRCGP9	5
605952.2	4122720	1.06652	56.89	56.89	1.5	ANNUAL	SRCGP9	5
605972.2	4122720	1.03556	57.38	57.38	1.5	ANNUAL	SRCGP9	5
605992.2	4122720	1.01465	57.37	57.37	1.5	ANNUAL	SRCGP9	5
606112.2	4122720	0.87653	58.4	58.4	1.5	ANNUAL	SRCGP9	5
606132.2	4122720	0.84653	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606152.2	4122720	0.82794	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606172.2	4122720	0.81018	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606192.2	4122720	0.79473	58.65	58.65	1.5	ANNUAL	SRCGP9	5
606212.2	4122720	0.77416	58.68	58.68	1.5	ANNUAL	SRCGP9	5
606232.2	4122720	0.75211	58.79	58.79	1.5	ANNUAL	SRCGP9	5
606252.2	4122720	0.72845	59	59	1.5	ANNUAL	SRCGP9	5
606272.2	4122720	0.70675	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606292.2	4122720	0.68773	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606312.2	4122720	0.66862	58.95	58.95	1.5	ANNUAL	SRCGP9	5
606352.2	4122720	0.63165	58.82	58.82	1.5	ANNUAL	SRCGP9	5
606372.2	4122720	0.61399	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606412.2	4122720	0.575	59.02	59.02	1.5	ANNUAL	SRCGP9	5
606432.2	4122720	0.55946	58.95	58.95	1.5	ANNUAL	SRCGP9	5
606452.2	4122720	0.54432	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606472.2	4122720	0.52912	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606492.2	4122720	0.51807	58.71	58.71	1.5	ANNUAL	SRCGP9	5
606512.2	4122720	0.50232	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606532.2	4122720	0.48745	59.14	59.14	1.5	ANNUAL	SRCGP9	5
606552.2	4122720	0.47766	59	59	1.5	ANNUAL	SRCGP9	5
606572.2	4122720	0.4664	59.05	59.05	1.5	ANNUAL	SRCGP9	5
606592.2	4122720	0.45643	59.05	59.05	1.5	ANNUAL	SRCGP9	5
606612.2	4122720	0.44655	59.1	59.1	1.5	ANNUAL	SRCGP9	5
606632.2	4122720	0.43888	59	59	1.5	ANNUAL	SRCGP9	5
606652.2	4122720	0.4319	58.88	58.88	1.5	ANNUAL	SRCGP9	5
606732.2	4122720	0.40476	58.73	58.73	1.5	ANNUAL	SRCGP9	5
606752.2	4122720	0.39836	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606772.2	4122720	0.39269	58.73	58.73	1.5	ANNUAL	SRCGP9	5
606792.2	4122720	0.38564	58.9	58.9	1.5	ANNUAL	SRCGP9	5
606812.2	4122720	0.37928	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606832.2	4122720	0.37456	59.03	59.03	1.5	ANNUAL	SRCGP9	5
606852.2	4122720	0.37022	59.01	59.01	1.5	ANNUAL	SRCGP9	5
607032.2	4122720	0.33899	59.05	59.05	1.5	ANNUAL	SRCGP9	5
605632.2	4122740	1.28643	55.37	55.37	1.5	ANNUAL	SRCGP9	5
605652.2	4122740	1.27988	55.45	55.45	1.5	ANNUAL	SRCGP9	5

605672.2	4122740	1.27753	55.81	55.81	1.5	ANNUAL	SRCGP9	5
605692.2	4122740	1.27126	56.06	56.06	1.5	ANNUAL	SRCGP9	5
605712.2	4122740	1.26107	56.2	56.2	1.5	ANNUAL	SRCGP9	5
605752.2	4122740	1.22638	56.02	56.02	1.5	ANNUAL	SRCGP9	5
605812.2	4122740	1.18079	56.51	56.51	1.5	ANNUAL	SRCGP9	5
605872.2	4122740	1.11773	56.71	56.71	1.5	ANNUAL	SRCGP9	5
605892.2	4122740	1.09614	56.86	56.86	1.5	ANNUAL	SRCGP9	5
605952.2	4122740	1.03237	56.87	56.87	1.5	ANNUAL	SRCGP9	5
605972.2	4122740	1.00504	57.3	57.3	1.5	ANNUAL	SRCGP9	5
605992.2	4122740	0.98451	57.33	57.33	1.5	ANNUAL	SRCGP9	5
606112.2	4122740	0.8534	58.38	58.38	1.5	ANNUAL	SRCGP9	5
606132.2	4122740	0.82602	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606152.2	4122740	0.8062	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606172.2	4122740	0.78847	58.99	58.99	1.5	ANNUAL	SRCGP9	5
606192.2	4122740	0.77276	58.79	58.79	1.5	ANNUAL	SRCGP9	5
606212.2	4122740	0.75284	58.84	58.84	1.5	ANNUAL	SRCGP9	5
606232.2	4122740	0.73412	58.8	58.8	1.5	ANNUAL	SRCGP9	5
606252.2	4122740	0.71257	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606272.2	4122740	0.69373	58.9	58.9	1.5	ANNUAL	SRCGP9	5
606292.2	4122740	0.67383	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606312.2	4122740	0.65545	58.89	58.89	1.5	ANNUAL	SRCGP9	5
606352.2	4122740	0.62013	58.76	58.76	1.5	ANNUAL	SRCGP9	5
606392.2	4122740	0.58896	58.47	58.47	1.5	ANNUAL	SRCGP9	5
606412.2	4122740	0.56603	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606432.2	4122740	0.55159	58.83	58.83	1.5	ANNUAL	SRCGP9	5
606452.2	4122740	0.53546	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606472.2	4122740	0.52264	58.79	58.79	1.5	ANNUAL	SRCGP9	5
606492.2	4122740	0.50995	58.72	58.72	1.5	ANNUAL	SRCGP9	5
606512.2	4122740	0.49222	59.14	59.14	1.5	ANNUAL	SRCGP9	5
606532.2	4122740	0.48227	58.97	58.97	1.5	ANNUAL	SRCGP9	5
606552.2	4122740	0.47076	59	59	1.5	ANNUAL	SRCGP9	5
606572.2	4122740	0.45855	59.16	59.16	1.5	ANNUAL	SRCGP9	5
606592.2	4122740	0.45347	58.73	58.73	1.5	ANNUAL	SRCGP9	5
606612.2	4122740	0.44197	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606632.2	4122740	0.43291	58.98	58.98	1.5	ANNUAL	SRCGP9	5
606732.2	4122740	0.39768	58.86	58.86	1.5	ANNUAL	SRCGP9	5
606752.2	4122740	0.39161	58.85	58.85	1.5	ANNUAL	SRCGP9	5
606772.2	4122740	0.38614	58.81	58.81	1.5	ANNUAL	SRCGP9	5
606792.2	4122740	0.37924	58.97	58.97	1.5	ANNUAL	SRCGP9	5
606812.2	4122740	0.37408	58.97	58.97	1.5	ANNUAL	SRCGP9	5
606832.2	4122740	0.36997	58.88	58.88	1.5	ANNUAL	SRCGP9	5
606952.2	4122740	0.34527	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606972.2	4122740	0.33985	59.33	59.33	1.5	ANNUAL	SRCGP9	5
606992.2	4122740	0.33911	58.99	58.99	1.5	ANNUAL	SRCGP9	5
607012.2	4122740	0.33675	58.9	58.9	1.5	ANNUAL	SRCGP9	5
607032.2	4122740	0.33314	59.01	59.01	1.5	ANNUAL	SRCGP9	5
607052.2	4122740	0.33066	58.96	58.96	1.5	ANNUAL	SRCGP9	5
605632.2	4122760	1.24793	55.34	55.34	1.5	ANNUAL	SRCGP9	5
605652.2	4122760	1.23646	55.21	55.21	1.5	ANNUAL	SRCGP9	5
605672.2	4122760	1.23359	55.59	55.59	1.5	ANNUAL	SRCGP9	5
605692.2	4122760	1.22766	55.89	55.89	1.5	ANNUAL	SRCGP9	5
605712.2	4122760	1.22248	56.3	56.3	1.5	ANNUAL	SRCGP9	5
605752.2	4122760	1.18434	55.94	55.94	1.5	ANNUAL	SRCGP9	5
605772.2	4122760	1.17208	56.19	56.19	1.5	ANNUAL	SRCGP9	5
605812.2	4122760	1.13945	56.43	56.43	1.5	ANNUAL	SRCGP9	5
605832.2	4122760	1.11988	56.44	56.44	1.5	ANNUAL	SRCGP9	5
605872.2	4122760	1.08059	56.66	56.66	1.5	ANNUAL	SRCGP9	5
605892.2	4122760	1.0601	56.85	56.85	1.5	ANNUAL	SRCGP9	5
605912.2	4122760	1.03975	56.7	56.7	1.5	ANNUAL	SRCGP9	5
605952.2	4122760	1.00001	56.83	56.83	1.5	ANNUAL	SRCGP9	5
605972.2	4122760	0.97471	57.28	57.28	1.5	ANNUAL	SRCGP9	5
605992.2	4122760	0.95415	57.37	57.37	1.5	ANNUAL	SRCGP9	5
606112.2	4122760	0.83052	58.4	58.4	1.5	ANNUAL	SRCGP9	5

606132.2	4122760	0.80393	58.99	58.99	1.5	ANNUAL	SRCGP9	5
606152.2	4122760	0.78698	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606172.2	4122760	0.76927	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606192.2	4122760	0.75171	58.93	58.93	1.5	ANNUAL	SRCGP9	5
606212.2	4122760	0.73315	58.95	58.95	1.5	ANNUAL	SRCGP9	5
606232.2	4122760	0.71441	58.97	58.97	1.5	ANNUAL	SRCGP9	5
606252.2	4122760	0.69515	59.02	59.02	1.5	ANNUAL	SRCGP9	5
606272.2	4122760	0.67775	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606292.2	4122760	0.65819	59.02	59.02	1.5	ANNUAL	SRCGP9	5
606312.2	4122760	0.643	58.8	58.8	1.5	ANNUAL	SRCGP9	5
606352.2	4122760	0.60909	58.68	58.68	1.5	ANNUAL	SRCGP9	5
606392.2	4122760	0.57711	58.55	58.55	1.5	ANNUAL	SRCGP9	5
606412.2	4122760	0.55676	58.89	58.89	1.5	ANNUAL	SRCGP9	5
606432.2	4122760	0.543	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606452.2	4122760	0.52879	58.74	58.74	1.5	ANNUAL	SRCGP9	5
606472.2	4122760	0.51408	58.81	58.81	1.5	ANNUAL	SRCGP9	5
606492.2	4122760	0.5012	58.79	58.79	1.5	ANNUAL	SRCGP9	5
606512.2	4122760	0.48495	59.13	59.13	1.5	ANNUAL	SRCGP9	5
606532.2	4122760	0.47481	59	59	1.5	ANNUAL	SRCGP9	5
606552.2	4122760	0.46294	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606572.2	4122760	0.45478	58.9	58.9	1.5	ANNUAL	SRCGP9	5
606592.2	4122760	0.44795	58.64	58.64	1.5	ANNUAL	SRCGP9	5
606612.2	4122760	0.43675	58.84	58.84	1.5	ANNUAL	SRCGP9	5
606732.2	4122760	0.39208	58.85	58.85	1.5	ANNUAL	SRCGP9	5
606752.2	4122760	0.38631	58.81	58.81	1.5	ANNUAL	SRCGP9	5
606772.2	4122760	0.3805	58.81	58.81	1.5	ANNUAL	SRCGP9	5
606792.2	4122760	0.37414	58.91	58.91	1.5	ANNUAL	SRCGP9	5
606812.2	4122760	0.36946	58.85	58.85	1.5	ANNUAL	SRCGP9	5
606952.2	4122760	0.3392	59.04	59.04	1.5	ANNUAL	SRCGP9	5
606972.2	4122760	0.33528	59.14	59.14	1.5	ANNUAL	SRCGP9	5
606992.2	4122760	0.33287	59.04	59.04	1.5	ANNUAL	SRCGP9	5
607012.2	4122760	0.32971	59.07	59.07	1.5	ANNUAL	SRCGP9	5
607032.2	4122760	0.32642	59.14	59.14	1.5	ANNUAL	SRCGP9	5
607052.2	4122760	0.3219	59.43	59.43	1.5	ANNUAL	SRCGP9	5
605632.2	4122780	1.22073	55.85	55.85	1.5	ANNUAL	SRCGP9	5
605652.2	4122780	1.20375	55.45	55.45	1.5	ANNUAL	SRCGP9	5
605672.2	4122780	1.19442	55.53	55.53	1.5	ANNUAL	SRCGP9	5
605692.2	4122780	1.19058	55.97	55.97	1.5	ANNUAL	SRCGP9	5
605712.2	4122780	1.18446	56.36	56.36	1.5	ANNUAL	SRCGP9	5
605752.2	4122780	1.14361	55.83	55.83	1.5	ANNUAL	SRCGP9	5
605772.2	4122780	1.13443	56.24	56.24	1.5	ANNUAL	SRCGP9	5
605792.2	4122780	1.11813	56.32	56.32	1.5	ANNUAL	SRCGP9	5
605812.2	4122780	1.09963	56.32	56.32	1.5	ANNUAL	SRCGP9	5
605872.2	4122780	1.04535	56.54	56.54	1.5	ANNUAL	SRCGP9	5
605892.2	4122780	1.02594	56.87	56.87	1.5	ANNUAL	SRCGP9	5
605912.2	4122780	1.00672	56.82	56.82	1.5	ANNUAL	SRCGP9	5
605952.2	4122780	0.96932	56.84	56.84	1.5	ANNUAL	SRCGP9	5
605992.2	4122780	0.92513	57.42	57.42	1.5	ANNUAL	SRCGP9	5
606112.2	4122780	0.80671	58.54	58.54	1.5	ANNUAL	SRCGP9	5
606132.2	4122780	0.78451	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606152.2	4122780	0.76888	58.85	58.85	1.5	ANNUAL	SRCGP9	5
606172.2	4122780	0.75221	58.83	58.83	1.5	ANNUAL	SRCGP9	5
606192.2	4122780	0.73309	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606212.2	4122780	0.71605	58.93	58.93	1.5	ANNUAL	SRCGP9	5
606232.2	4122780	0.69799	58.96	58.96	1.5	ANNUAL	SRCGP9	5
606252.2	4122780	0.67958	59.01	59.01	1.5	ANNUAL	SRCGP9	5
606272.2	4122780	0.66309	58.92	58.92	1.5	ANNUAL	SRCGP9	5
606292.2	4122780	0.64667	58.83	58.83	1.5	ANNUAL	SRCGP9	5
606312.2	4122780	0.62962	58.8	58.8	1.5	ANNUAL	SRCGP9	5
606352.2	4122780	0.59628	58.75	58.75	1.5	ANNUAL	SRCGP9	5
606372.2	4122780	0.58171	58.61	58.61	1.5	ANNUAL	SRCGP9	5
606392.2	4122780	0.56529	58.65	58.65	1.5	ANNUAL	SRCGP9	5
606412.2	4122780	0.54971	58.67	58.67	1.5	ANNUAL	SRCGP9	5

606432.2	4122780	0.53474	58.69	58.69	1.5	ANNUAL	SRCGP9	5
606452.2	4122780	0.52031	58.72	58.72	1.5	ANNUAL	SRCGP9	5
606472.2	4122780	0.50597	58.8	58.8	1.5	ANNUAL	SRCGP9	5
606492.2	4122780	0.49351	58.78	58.78	1.5	ANNUAL	SRCGP9	5
606512.2	4122780	0.47916	58.99	58.99	1.5	ANNUAL	SRCGP9	5
606532.2	4122780	0.46918	58.87	58.87	1.5	ANNUAL	SRCGP9	5
606552.2	4122780	0.45886	58.84	58.84	1.5	ANNUAL	SRCGP9	5
606572.2	4122780	0.4482	58.9	58.9	1.5	ANNUAL	SRCGP9	5
606592.2	4122780	0.4392	58.86	58.86	1.5	ANNUAL	SRCGP9	5
606852.2	4122780	0.35012	59.42	59.42	1.5	ANNUAL	SRCGP9	5
606872.2	4122780	0.34328	59.78	59.78	1.5	ANNUAL	SRCGP9	5
606892.2	4122780	0.33862	59.88	59.88	1.5	ANNUAL	SRCGP9	5
606912.2	4122780	0.33806	59.41	59.41	1.5	ANNUAL	SRCGP9	5
606932.2	4122780	0.33618	59.16	59.16	1.5	ANNUAL	SRCGP9	5
606952.2	4122780	0.33295	59.13	59.13	1.5	ANNUAL	SRCGP9	5
606972.2	4122780	0.32898	59.24	59.24	1.5	ANNUAL	SRCGP9	5
606992.2	4122780	0.3252	59.35	59.35	1.5	ANNUAL	SRCGP9	5
607012.2	4122780	0.32166	59.45	59.45	1.5	ANNUAL	SRCGP9	5
607032.2	4122780	0.31833	59.54	59.54	1.5	ANNUAL	SRCGP9	5
607052.2	4122780	0.3153	59.6	59.6	1.5	ANNUAL	SRCGP9	5
605632.2	4122800	1.18614	55.94	55.94	1.5	ANNUAL	SRCGP9	5
605652.2	4122800	1.17234	55.72	55.72	1.5	ANNUAL	SRCGP9	5
605672.2	4122800	1.1561	55.44	55.44	1.5	ANNUAL	SRCGP9	5
605692.2	4122800	1.15294	55.95	55.95	1.5	ANNUAL	SRCGP9	5
605712.2	4122800	1.14458	56.24	56.24	1.5	ANNUAL	SRCGP9	5
605732.2	4122800	1.12839	56.16	56.16	1.5	ANNUAL	SRCGP9	5
605772.2	4122800	1.0959	56.15	56.15	1.5	ANNUAL	SRCGP9	5
605872.2	4122800	1.01192	56.54	56.54	1.5	ANNUAL	SRCGP9	5
605892.2	4122800	0.99354	56.82	56.82	1.5	ANNUAL	SRCGP9	5
605912.2	4122800	0.9754	56.89	56.89	1.5	ANNUAL	SRCGP9	5
605952.2	4122800	0.94019	56.89	56.89	1.5	ANNUAL	SRCGP9	5
605992.2	4122800	0.89927	57.38	57.38	1.5	ANNUAL	SRCGP9	5
606032.2	4122800	0.86531	57.49	57.49	1.5	ANNUAL	SRCGP9	5
606112.2	4122800	0.78633	58.52	58.52	1.5	ANNUAL	SRCGP9	5
606352.2	4122800	0.58685	58.58	58.58	1.5	ANNUAL	SRCGP9	5
606372.2	4122800	0.57365	58.38	58.38	1.5	ANNUAL	SRCGP9	5
606392.2	4122800	0.55573	58.59	58.59	1.5	ANNUAL	SRCGP9	5
606412.2	4122800	0.54002	58.67	58.67	1.5	ANNUAL	SRCGP9	5
606432.2	4122800	0.52585	58.67	58.67	1.5	ANNUAL	SRCGP9	5
606452.2	4122800	0.51216	58.68	58.68	1.5	ANNUAL	SRCGP9	5
606472.2	4122800	0.49819	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606492.2	4122800	0.48679	58.69	58.69	1.5	ANNUAL	SRCGP9	5
606512.2	4122800	0.4724	58.94	58.94	1.5	ANNUAL	SRCGP9	5
606532.2	4122800	0.46312	58.78	58.78	1.5	ANNUAL	SRCGP9	5
606552.2	4122800	0.45283	58.77	58.77	1.5	ANNUAL	SRCGP9	5
606572.2	4122800	0.44293	58.78	58.78	1.5	ANNUAL	SRCGP9	5
606672.2	4122800	0.39433	59.6	59.6	1.5	ANNUAL	SRCGP9	5
606692.2	4122800	0.38666	59.7	59.7	1.5	ANNUAL	SRCGP9	5
606712.2	4122800	0.38067	59.64	59.64	1.5	ANNUAL	SRCGP9	5
606732.2	4122800	0.37498	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606752.2	4122800	0.37093	59.35	59.35	1.5	ANNUAL	SRCGP9	5
606852.2	4122800	0.34195	59.84	59.84	1.5	ANNUAL	SRCGP9	5
606872.2	4122800	0.33737	59.89	59.89	1.5	ANNUAL	SRCGP9	5
606892.2	4122800	0.33397	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606912.2	4122800	0.33317	59.35	59.35	1.5	ANNUAL	SRCGP9	5
606932.2	4122800	0.33014	59.26	59.26	1.5	ANNUAL	SRCGP9	5
606952.2	4122800	0.32611	59.35	59.35	1.5	ANNUAL	SRCGP9	5
606972.2	4122800	0.32286	59.35	59.35	1.5	ANNUAL	SRCGP9	5
606992.2	4122800	0.31898	59.48	59.48	1.5	ANNUAL	SRCGP9	5
607012.2	4122800	0.31535	59.6	59.6	1.5	ANNUAL	SRCGP9	5
607032.2	4122800	0.31188	59.72	59.72	1.5	ANNUAL	SRCGP9	5
607052.2	4122800	0.30861	59.83	59.83	1.5	ANNUAL	SRCGP9	5
605632.2	4122820	1.15217	56.01	56.01	1.5	ANNUAL	SRCGP9	5

605652.2	4122820	1.14063	55.93	55.93	1.5	ANNUAL	SRCGP9	5
605672.2	4122820	1.12112	55.46	55.46	1.5	ANNUAL	SRCGP9	5
605692.2	4122820	1.11569	55.87	55.87	1.5	ANNUAL	SRCGP9	5
605712.2	4122820	1.1064	56.12	56.12	1.5	ANNUAL	SRCGP9	5
605732.2	4122820	1.09457	56.28	56.28	1.5	ANNUAL	SRCGP9	5
605832.2	4122820	1.01006	56.19	56.19	1.5	ANNUAL	SRCGP9	5
605852.2	4122820	0.99676	56.45	56.45	1.5	ANNUAL	SRCGP9	5
605872.2	4122820	0.98018	56.68	56.68	1.5	ANNUAL	SRCGP9	5
605892.2	4122820	0.96278	56.85	56.85	1.5	ANNUAL	SRCGP9	5
605912.2	4122820	0.94566	56.78	56.78	1.5	ANNUAL	SRCGP9	5
605952.2	4122820	0.9125	56.78	56.78	1.5	ANNUAL	SRCGP9	5
606672.2	4122820	0.38523	60.05	60.05	1.5	ANNUAL	SRCGP9	5
606692.2	4122820	0.37858	60.05	60.05	1.5	ANNUAL	SRCGP9	5
606712.2	4122820	0.37224	60.05	60.05	1.5	ANNUAL	SRCGP9	5
606732.2	4122820	0.36629	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606752.2	4122820	0.36261	59.76	59.76	1.5	ANNUAL	SRCGP9	5
606852.2	4122820	0.3372	59.81	59.81	1.5	ANNUAL	SRCGP9	5
606872.2	4122820	0.33393	59.66	59.66	1.5	ANNUAL	SRCGP9	5
606892.2	4122820	0.3308	59.52	59.52	1.5	ANNUAL	SRCGP9	5
606912.2	4122820	0.3288	59.24	59.24	1.5	ANNUAL	SRCGP9	5
606932.2	4122820	0.32558	59.17	59.17	1.5	ANNUAL	SRCGP9	5
606952.2	4122820	0.3195	59.58	59.58	1.5	ANNUAL	SRCGP9	5
606972.2	4122820	0.31675	59.5	59.5	1.5	ANNUAL	SRCGP9	5
606992.2	4122820	0.31301	59.61	59.61	1.5	ANNUAL	SRCGP9	5
607012.2	4122820	0.3094	59.73	59.73	1.5	ANNUAL	SRCGP9	5
607032.2	4122820	0.30602	59.84	59.84	1.5	ANNUAL	SRCGP9	5
607052.2	4122820	0.30278	59.95	59.95	1.5	ANNUAL	SRCGP9	5
605632.2	4122840	1.11854	56.04	56.04	1.5	ANNUAL	SRCGP9	5
605652.2	4122840	1.1078	56.02	56.02	1.5	ANNUAL	SRCGP9	5
605672.2	4122840	1.08952	55.61	55.61	1.5	ANNUAL	SRCGP9	5
605692.2	4122840	1.07582	55.54	55.54	1.5	ANNUAL	SRCGP9	5
605712.2	4122840	1.07037	56.03	56.03	1.5	ANNUAL	SRCGP9	5
605792.2	4122840	1.00826	55.98	55.98	1.5	ANNUAL	SRCGP9	5
605812.2	4122840	0.99779	56.36	56.36	1.5	ANNUAL	SRCGP9	5
605832.2	4122840	0.98235	56.44	56.44	1.5	ANNUAL	SRCGP9	5
605852.2	4122840	0.96668	56.61	56.61	1.5	ANNUAL	SRCGP9	5
605872.2	4122840	0.95002	56.67	56.67	1.5	ANNUAL	SRCGP9	5
605892.2	4122840	0.93357	56.62	56.62	1.5	ANNUAL	SRCGP9	5
605912.2	4122840	0.91741	56.64	56.64	1.5	ANNUAL	SRCGP9	5
606092.2	4122840	0.76959	57.96	57.96	1.5	ANNUAL	SRCGP9	5
606112.2	4122840	0.76047	57.62	57.62	1.5	ANNUAL	SRCGP9	5
606192.2	4122840	0.69673	57.89	57.89	1.5	ANNUAL	SRCGP9	5
606212.2	4122840	0.67732	58.17	58.17	1.5	ANNUAL	SRCGP9	5
606252.2	4122840	0.64342	58.37	58.37	1.5	ANNUAL	SRCGP9	5
606272.2	4122840	0.62689	58.44	58.44	1.5	ANNUAL	SRCGP9	5
606292.2	4122840	0.61162	58.42	58.42	1.5	ANNUAL	SRCGP9	5
606312.2	4122840	0.59624	58.42	58.42	1.5	ANNUAL	SRCGP9	5
606332.2	4122840	0.58271	58.29	58.29	1.5	ANNUAL	SRCGP9	5
606352.2	4122840	0.5671	58.35	58.35	1.5	ANNUAL	SRCGP9	5
606372.2	4122840	0.55429	58.21	58.21	1.5	ANNUAL	SRCGP9	5
606392.2	4122840	0.53942	58.27	58.27	1.5	ANNUAL	SRCGP9	5
606412.2	4122840	0.52445	58.38	58.38	1.5	ANNUAL	SRCGP9	5
606432.2	4122840	0.51002	58.49	58.49	1.5	ANNUAL	SRCGP9	5
606452.2	4122840	0.49747	58.48	58.48	1.5	ANNUAL	SRCGP9	5
606672.2	4122840	0.38005	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606692.2	4122840	0.3735	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606712.2	4122840	0.36725	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606732.2	4122840	0.3613	60.04	60.04	1.5	ANNUAL	SRCGP9	5
606752.2	4122840	0.35868	59.62	59.62	1.5	ANNUAL	SRCGP9	5
606852.2	4122840	0.33292	59.73	59.73	1.5	ANNUAL	SRCGP9	5
606872.2	4122840	0.33095	59.38	59.38	1.5	ANNUAL	SRCGP9	5
606892.2	4122840	0.32776	59.24	59.24	1.5	ANNUAL	SRCGP9	5
606912.2	4122840	0.32477	59.1	59.1	1.5	ANNUAL	SRCGP9	5

606932.2	4122840	0.32125	59.07	59.07	1.5	ANNUAL	SRCGP9	5
606952.2	4122840	0.3136	59.74	59.74	1.5	ANNUAL	SRCGP9	5
606972.2	4122840	0.31064	59.69	59.69	1.5	ANNUAL	SRCGP9	5
606992.2	4122840	0.30728	59.74	59.74	1.5	ANNUAL	SRCGP9	5
607012.2	4122840	0.30369	59.86	59.86	1.5	ANNUAL	SRCGP9	5
607032.2	4122840	0.30033	59.97	59.97	1.5	ANNUAL	SRCGP9	5
607052.2	4122840	0.29754	60	60	1.5	ANNUAL	SRCGP9	5
606158.5	4121900	1.41216	57.39	313.5	1.5	ANNUAL	SRCGP9	5
606169	4121883	1.22423	57.41	313.5	1.5	ANNUAL	SRCGP9	5
606132.1	4121801	0.66318	57.52	313.5	1.5	ANNUAL	SRCGP9	5
606385	4122113	0.89712	61.43	61.43	1.5	ANNUAL	SRCGP9	5
606405	4122113	0.83638	61.72	61.72	1.5	ANNUAL	SRCGP9	5
606425	4122113	0.79124	61.52	61.52	1.5	ANNUAL	SRCGP9	5
606445	4122113	0.75567	60.48	60.48	1.5	ANNUAL	SRCGP9	5
606465	4122113	0.7379	59.09	59.09	1.5	ANNUAL	SRCGP9	5
606385	4122133	0.87156	61.8	61.8	1.5	ANNUAL	SRCGP9	5
606405	4122133	0.80578	61.32	61.32	1.5	ANNUAL	SRCGP9	5
606425	4122133	0.76157	60.86	60.86	1.5	ANNUAL	SRCGP9	5
606445	4122133	0.7325	60.28	60.28	1.5	ANNUAL	SRCGP9	5
606465	4122133	0.71688	59.15	59.15	1.5	ANNUAL	SRCGP9	5
606385	4122153	0.84115	60.69	61.52	1.5	ANNUAL	SRCGP9	5
606405	4122153	0.783	60.54	60.54	1.5	ANNUAL	SRCGP9	5
606425	4122153	0.7425	60.21	60.21	1.5	ANNUAL	SRCGP9	5
606445	4122153	0.71635	59.8	59.8	1.5	ANNUAL	SRCGP9	5
606465	4122153	0.70166	59.25	59.25	1.5	ANNUAL	SRCGP9	5
606385	4122173	0.83447	57.94	61.91	1.5	ANNUAL	SRCGP9	5
606405	4122173	0.77438	58.59	60.32	1.5	ANNUAL	SRCGP9	5
606425	4122173	0.73568	58.64	58.64	1.5	ANNUAL	SRCGP9	5
606445	4122173	0.71486	57.99	59.8	1.5	ANNUAL	SRCGP9	5
606465	4122173	0.6986	58.06	59.47	1.5	ANNUAL	SRCGP9	5
606385	4122193	0.83606	57.29	57.29	1.5	ANNUAL	SRCGP9	5
606405	4122193	0.78295	57.3	57.3	1.5	ANNUAL	SRCGP9	5
606425	4122193	0.74359	57.36	57.36	1.5	ANNUAL	SRCGP9	5
606445	4122193	0.72241	57.02	57.02	1.5	ANNUAL	SRCGP9	5
606465	4122193	0.69914	57.48	58.37	1.5	ANNUAL	SRCGP9	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP5
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.29076	56.12	313.5	1.5	ANNUAL	SRCGP5	5	
605652.2	4121420	0.29477	56.27	313.5	1.5	ANNUAL	SRCGP5	5	
605672.2	4121420	0.29913	55.57	313.5	1.5	ANNUAL	SRCGP5	5	
605692.2	4121420	0.30423	55.91	313.5	1.5	ANNUAL	SRCGP5	5	
605712.2	4121420	0.30995	56.29	313.5	1.5	ANNUAL	SRCGP5	5	
605732.2	4121420	0.31636	56.54	313.5	1.5	ANNUAL	SRCGP5	5	
605752.2	4121420	0.32379	56.56	313.5	1.5	ANNUAL	SRCGP5	5	
605772.2	4121420	0.33238	56.68	313.5	1.5	ANNUAL	SRCGP5	5	
605792.2	4121420	0.34226	56.74	313.5	1.5	ANNUAL	SRCGP5	5	
605812.2	4121420	0.35364	56.85	313.5	1.5	ANNUAL	SRCGP5	5	
605832.2	4121420	0.36677	56.94	313.5	1.5	ANNUAL	SRCGP5	5	
605852.2	4121420	0.3818	56.97	313.5	1.5	ANNUAL	SRCGP5	5	
605872.2	4121420	0.39893	56.99	313.5	1.5	ANNUAL	SRCGP5	5	
605892.2	4121420	0.41811	57.31	313.5	1.5	ANNUAL	SRCGP5	5	
605912.2	4121420	0.43973	57.25	313.5	1.5	ANNUAL	SRCGP5	5	
605932.2	4121420	0.46354	57.32	313.5	1.5	ANNUAL	SRCGP5	5	
605952.2	4121420	0.48961	57.39	313.5	1.5	ANNUAL	SRCGP5	5	
605972.2	4121420	0.51793	57.4	313.5	1.5	ANNUAL	SRCGP5	5	
605992.2	4121420	0.54847	57.54	313.5	1.5	ANNUAL	SRCGP5	5	
606012.2	4121420	0.58162	57.65	313.5	1.5	ANNUAL	SRCGP5	5	
606032.2	4121420	0.61811	57.64	313.5	1.5	ANNUAL	SRCGP5	5	
606052.2	4121420	0.65896	57.67	313.5	1.5	ANNUAL	SRCGP5	5	
606072.2	4121420	0.70572	57.7	313.5	1.5	ANNUAL	SRCGP5	5	
606092.2	4121420	0.76049	57.58	313.5	1.5	ANNUAL	SRCGP5	5	
606112.2	4121420	0.8257	57.29	313.5	1.5	ANNUAL	SRCGP5	5	
606132.2	4121420	0.90193	57.65	313.5	1.5	ANNUAL	SRCGP5	5	
606152.2	4121420	0.99169	57.77	313.5	1.5	ANNUAL	SRCGP5	5	
606172.2	4121420	1.09531	57.87	313.5	1.5	ANNUAL	SRCGP5	5	
606192.2	4121420	1.21212	57.9	313.5	1.5	ANNUAL	SRCGP5	5	
606212.2	4121420	1.34187	57.87	313.5	1.5	ANNUAL	SRCGP5	5	
606232.2	4121420	1.48283	57.92	313.5	1.5	ANNUAL	SRCGP5	5	
606252.2	4121420	1.6349	57.96	313.5	1.5	ANNUAL	SRCGP5	5	
606272.2	4121420	1.79819	58.02	313.5	1.5	ANNUAL	SRCGP5	5	
606292.2	4121420	1.9736	58.1	313.5	1.5	ANNUAL	SRCGP5	5	
606312.2	4121420	2.16271	58.18	313.5	1.5	ANNUAL	SRCGP5	5	
606332.2	4121420	2.36887	58.12	313.5	1.5	ANNUAL	SRCGP5	5	
606352.2	4121420	2.5928	58.13	313.5	1.5	ANNUAL	SRCGP5	5	
606372.2	4121420	2.83497	58.21	313.5	1.5	ANNUAL	SRCGP5	5	
606392.2	4121420	3.0949	58.18	313.5	1.5	ANNUAL	SRCGP5	5	
606412.2	4121420	3.36667	58.25	313.5	1.5	ANNUAL	SRCGP5	5	
606432.2	4121420	3.64178	58.51	313.5	1.5	ANNUAL	SRCGP5	5	
606452.2	4121420	3.91767	58.21	313.5	1.5	ANNUAL	SRCGP5	5	
606472.2	4121420	4.17853	57.94	313.5	1.5	ANNUAL	SRCGP5	5	
606492.2	4121420	4.41106	58.01	313.5	1.5	ANNUAL	SRCGP5	5	
606512.2	4121420	4.60676	58.38	313.5	1.5	ANNUAL	SRCGP5	5	
606532.2	4121420	4.76515	58.56	313.5	1.5	ANNUAL	SRCGP5	5	
606552.2	4121420	4.88743	58.28	313.5	1.5	ANNUAL	SRCGP5	5	
606572.2	4121420	4.9671	58.14	313.5	1.5	ANNUAL	SRCGP5	5	
606592.2	4121420	5.0019	58.6	313.5	1.5	ANNUAL	SRCGP5	5	
606612.2	4121420	5.00786	58.68	313.5	1.5	ANNUAL	SRCGP5	5	
606632.2	4121420	4.98673	58.71	313.5	1.5	ANNUAL	SRCGP5	5	
606652.2	4121420	4.9438	58.72	313.5	1.5	ANNUAL	SRCGP5	5	
606672.2	4121420	4.88298	58.81	313.5	1.5	ANNUAL	SRCGP5	5	
606692.2	4121420	4.81032	58.86	313.5	1.5	ANNUAL	SRCGP5	5	
606712.2	4121420	4.72867	58.92	313.5	1.5	ANNUAL	SRCGP5	5	

606732.2	4121420	4.64078	58.96	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121420	4.54776	59.07	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121420	4.4519	59.16	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121420	4.35352	59.26	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121420	4.25259	59.44	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121420	4.15179	59.46	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121420	4.04873	59.58	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121420	3.94611	59.53	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121420	3.84129	59.61	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121420	3.73558	59.72	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121420	3.63076	59.66	313.5	1.5	ANNUAL	SRCGP5	5
606952.2	4121420	3.52861	59.18	313.5	1.5	ANNUAL	SRCGP5	5
606972.2	4121420	3.42039	59.62	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121420	3.31406	59.87	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121420	3.21018	59.87	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121420	3.11011	59.37	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121420	3.00791	59.49	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121440	0.30793	56.05	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121440	0.31195	56.13	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121440	0.31622	55.38	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121440	0.32139	56.09	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121440	0.32706	56.42	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121440	0.33344	56.49	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121440	0.34071	56.49	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121440	0.34912	56.63	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121440	0.35889	56.78	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121440	0.37017	56.87	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121440	0.38332	56.94	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121440	0.39848	56.97	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121440	0.41593	57.02	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121440	0.43573	57.15	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121440	0.45821	57.22	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121440	0.48327	57.31	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121440	0.51103	57.34	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121440	0.54137	57.37	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121440	0.57437	57.49	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121440	0.61028	57.6	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121440	0.64975	57.63	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121440	0.69384	57.68	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121440	0.74438	57.76	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121440	0.80397	57.5	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121440	0.87458	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121440	0.95822	57.57	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121440	1.05674	57.76	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121440	1.1716	57.79	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121440	1.30159	57.82	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121440	1.44713	57.9	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121440	1.60561	57.84	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121440	1.7775	57.95	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121440	1.96265	58.09	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121440	2.16216	58.08	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121440	2.379	58.11	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121440	2.61438	58.26	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4121440	2.87071	58.36	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121440	3.14817	58.47	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121440	3.44378	58.51	313.5	1.5	ANNUAL	SRCGP5	5
606412.2	4121440	3.75078	58.5	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121440	4.05919	58.44	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121440	4.36131	57.94	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121440	4.63302	58.07	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121440	4.86945	58.23	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121440	5.06781	58	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121440	5.21742	57.91	313.5	1.5	ANNUAL	SRCGP5	5

606552.2	4121440	5.31779	57.95	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121440	5.37004	58.26	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121440	5.38454	58.41	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121440	5.36626	58.52	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121440	5.3212	58.64	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121440	5.2555	58.76	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121440	5.17567	58.83	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121440	5.08441	58.94	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121440	4.98628	58.98	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121440	4.88298	59	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121440	4.77532	59.07	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121440	4.66515	59.09	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121440	4.55278	59.11	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121440	4.43839	59.15	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121440	4.32203	59.23	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121440	4.20465	59.28	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121440	4.08601	59.35	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121440	3.96706	59.39	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121440	3.84757	59.46	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121440	3.72798	59.56	313.5	1.5	ANNUAL	SRCGP5	5
606952.2	4121440	3.6128	59.12	313.5	1.5	ANNUAL	SRCGP5	5
606972.2	4121440	3.49129	59.72	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121440	3.37449	59.82	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121440	3.2599	59.83	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121440	3.14862	59.6	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121440	3.03991	59.27	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121460	0.32711	56.11	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121460	0.3312	55.9	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121460	0.33555	55.4	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121460	0.34072	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121460	0.34632	56.46	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121460	0.35265	56.39	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121460	0.35983	55.88	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121460	0.36813	55.96	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121460	0.37777	56.13	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121460	0.38902	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121460	0.40209	56.31	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121460	0.41737	56.41	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121460	0.43504	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121460	0.45542	56.58	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121460	0.47873	56.68	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121460	0.50502	56.82	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121460	0.53442	56.86	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121460	0.56688	57.01	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121460	0.60257	57.03	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121460	0.6415	57.17	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121460	0.68435	57.29	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121460	0.7323	57.35	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121460	0.78733	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121460	0.85197	57.14	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121460	0.92868	57.2	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121460	1.02075	57.18	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121460	1.12993	57.21	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121460	1.25799	57.28	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121460	1.40337	57.35	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121460	1.56785	57.35	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121460	1.74684	57.38	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121460	1.94333	57.46	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121460	2.15374	57.55	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121460	2.38371	57.62	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121460	2.63263	57.7	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121460	2.90409	57.89	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4121460	3.20123	58	313.5	1.5	ANNUAL	SRCGP5	5

606372.2	4121460	3.5202	58.15	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121460	3.85844	58.16	313.5	1.5	ANNUAL	SRCGP5	5
606412.2	4121460	4.20379	58.19	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121460	4.54473	58.11	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121460	4.86712	57.85	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121460	5.14471	58.35	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121460	5.38084	58.47	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121460	5.56729	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121460	5.69971	58.19	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121460	5.77932	57.99	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121460	5.81003	57.88	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121460	5.79823	57.93	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121460	5.75279	58.06	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121460	5.68182	58.23	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121460	5.5928	58.38	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121460	5.49047	58.53	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121460	5.37927	58.63	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121460	5.26224	58.67	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121460	5.14093	58.68	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121460	5.01589	58.68	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121460	4.88817	58.68	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121460	4.75798	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121460	3.42214	59.77	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121460	3.29727	59.72	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121460	3.17565	59.63	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121460	3.05918	59.14	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121480	0.34857	56.28	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121480	0.35276	55.6	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121480	0.35744	55.65	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121480	0.36264	56.22	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121480	0.36824	56.48	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121480	0.3745	56.14	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121480	0.38149	55.72	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121480	0.38986	56.08	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121480	0.39935	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121480	0.41045	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121480	0.42339	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121480	0.43863	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121480	0.45639	56.32	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121480	0.47718	56.38	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121480	0.50115	56.43	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121480	0.52862	56.51	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121480	0.55971	56.52	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121480	0.59446	56.66	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121480	0.63296	56.66	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121480	0.67536	56.69	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121480	0.72205	56.84	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121480	0.77414	57.06	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121480	0.83374	57.31	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121480	0.90391	57.3	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121480	0.98806	57.23	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121480	1.08901	57.37	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121480	1.20995	57.37	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121480	1.35289	57.39	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121480	1.51703	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121480	1.70275	57.35	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121480	1.90742	57.39	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121480	2.13106	57.44	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121480	2.37431	57.52	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121480	2.63864	57.55	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121480	2.92794	57.64	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121480	3.24402	57.76	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4121480	3.58872	57.87	313.5	1.5	ANNUAL	SRCGP5	5

606372.2	4121480	3.95722	58.06	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121480	4.34293	58.09	313.5	1.5	ANNUAL	SRCGP5	5
606412.2	4121480	4.73327	57.89	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121480	5.10759	57.73	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121480	5.44383	57.9	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121480	5.72974	58.14	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121480	5.95575	58.4	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121480	6.12034	58.5	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121480	6.22414	58.49	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121480	6.27263	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121480	6.27053	58.34	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121480	6.22756	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121480	6.15507	58.32	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121480	6.05999	58.27	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121480	5.94787	58.25	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121480	5.82325	58.27	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121480	5.69019	58.31	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121480	5.55109	58.36	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121480	5.40675	58.46	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121480	5.25879	58.59	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121480	5.1088	58.68	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121480	4.95682	58.76	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121480	3.45431	59.83	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121480	3.32151	59.41	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121480	3.19115	59.21	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121480	3.06432	59.13	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121500	0.3725	56.09	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121500	0.37696	55.49	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121500	0.38205	56.02	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121500	0.38736	56.36	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121500	0.39309	56.42	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121500	0.3993	55.68	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121500	0.4066	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121500	0.41467	56.64	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121500	0.42408	56.7	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121500	0.43491	56.83	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121500	0.44774	56.85	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121500	0.46278	56.86	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121500	0.48055	56.96	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121500	0.50142	57.08	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121500	0.52595	57.09	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121500	0.55431	57.18	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121500	0.58697	57.13	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121500	0.62383	57.23	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121500	0.6652	57.21	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121500	0.7115	56.92	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121500	0.76245	56.99	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121500	0.81873	57.64	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121500	0.88374	57.83	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121500	0.96121	57.47	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121500	1.05371	57.27	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121500	1.16473	57.55	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121500	1.29838	57.84	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121500	1.4592	57.68	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121500	1.6449	57.78	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121500	1.85579	57.77	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121500	2.08987	57.79	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121500	2.34686	57.91	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121500	2.62786	58.01	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121500	2.93511	58.03	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121500	3.2713	58.18	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121500	3.64172	58.21	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4121500	4.04347	58.29	313.5	1.5	ANNUAL	SRCGP5	5

606372.2	4121500	4.4695	58.44	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121500	4.90903	58.43	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121500	5.75285	57.81	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121500	6.10767	57.65	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121500	6.39391	57.7	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121500	6.6015	58.02	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121500	6.73628	58.22	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121500	6.80056	58.47	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121500	6.80855	58.54	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121500	6.76797	58.58	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121500	6.6899	58.59	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121500	6.58277	58.65	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121500	6.45599	58.67	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121500	6.31434	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121500	6.16311	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121500	6.00277	58.8	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121500	5.83796	58.84	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121500	5.66861	58.91	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121500	5.49588	59.01	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121500	5.32098	59.09	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121500	5.1462	59.04	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121500	3.47043	59.84	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121500	3.32593	59.76	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121500	3.18712	59.62	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121500	3.05519	59.17	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121520	0.39916	55.62	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121520	0.40421	55.67	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121520	0.40963	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121520	0.41525	56.37	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121520	0.42128	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121520	0.42753	55.47	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121520	0.43508	56.33	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121520	0.44321	56.64	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121520	0.45249	56.78	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121520	0.46327	56.82	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121520	0.47594	56.78	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121520	0.49086	56.81	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121520	0.50861	56.81	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121520	0.52953	56.98	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121520	0.55446	56.97	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121520	0.58372	57.01	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121520	0.61766	57.12	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121520	0.65664	57.2	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121520	0.70102	57.22	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121520	0.7514	56.77	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121520	0.80697	56.91	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121520	0.86866	57.54	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121520	0.93983	57.84	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121520	1.02466	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121520	1.12664	57.29	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121520	1.2507	57.16	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121520	1.40153	57.17	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121520	1.58271	57.15	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121520	1.79433	57.3	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121520	2.03683	57.26	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121520	2.30728	57.38	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121520	2.60633	57.35	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121520	2.93032	57.9	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121520	3.29021	57.98	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121520	3.68903	57.89	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121520	4.12607	57.91	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4121520	4.59838	57.92	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121520	5.09408	57.95	313.5	1.5	ANNUAL	SRCGP5	5

606432.2	4121520	6.49497	58.1	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121520	6.85044	58.17	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121520	7.12573	58.06	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121520	7.3145	57.85	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121520	7.41542	57.81	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121520	7.43805	57.98	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121520	7.39746	58.24	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121520	7.31047	58.44	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121520	7.19048	58.54	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121520	7.04522	58.63	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121520	6.8805	58.78	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121520	6.70662	58.76	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121520	6.52003	58.92	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121520	6.32874	58.98	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121520	6.13305	59.01	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121520	5.93273	59.1	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121520	5.73032	59.16	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121520	5.52746	59.16	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121520	5.32447	59.15	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121520	4.72	59.44	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121520	4.52588	59.43	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121520	4.33878	59.12	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121520	4.15277	59.23	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121520	3.97284	59.3	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121520	3.46785	59.98	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121520	3.31437	59.99	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121520	3.16804	59.92	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121520	3.03131	59.26	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121540	0.429	55.39	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121540	0.43493	56.05	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121540	0.44084	56.25	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121540	0.44692	56.34	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121540	0.45334	56.37	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121540	0.45989	55.37	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121540	0.46775	56.42	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121540	0.47608	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121540	0.48544	56.43	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121540	0.49616	56.71	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121540	0.50872	56.62	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121540	0.52355	56.35	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121540	0.5411	56.66	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121540	0.562	56.85	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121540	0.5871	56.84	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121540	0.61718	56.58	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121540	0.65238	56.81	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121540	0.69336	57	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121540	0.74059	57.14	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121540	0.79514	56.64	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121540	0.85583	56.86	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121540	0.9237	57.44	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121540	1.00183	57.82	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121540	1.09555	57.45	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121540	1.20833	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121540	1.34572	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121540	1.51527	57.36	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121540	1.72047	57.36	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121540	1.96265	57.45	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121540	2.24162	57.54	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121540	2.5575	57.46	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121540	2.90679	57.58	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121540	3.29052	57.88	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121540	3.71704	57.92	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121540	4.18731	58.05	313.5	1.5	ANNUAL	SRCGP5	5

606332.2	4121540	4.70591	58.01	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4121540	5.26088	58.04	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121540	7.94664	58.32	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121540	8.08898	58.3	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121540	8.14026	58.26	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121540	8.11526	58.2	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121540	8.03232	58.04	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121540	7.90134	58.01	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121540	7.7347	58.12	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121540	7.54484	58.24	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121540	7.3384	58.39	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121540	7.12188	58.48	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121540	6.89638	58.61	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121540	6.66601	58.69	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121540	6.43199	58.75	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121540	6.19479	58.85	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121540	5.95769	58.89	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121540	5.7213	58.91	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121540	5.48551	59.01	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121540	4.80083	59.44	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121540	4.58703	59.28	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121540	4.37905	59.2	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121540	4.17713	59.28	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121540	3.44675	60.12	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121540	3.28686	60.04	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121540	3.13522	59.88	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121540	2.99307	59.32	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121560	0.46243	55.31	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121560	0.469	55.47	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121560	0.47577	55.85	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121560	0.48265	55.96	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121560	0.48978	56.05	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121560	0.49683	55.3	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121560	0.50523	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121560	0.51391	56.27	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121560	0.52357	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121560	0.53443	56.51	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121560	0.54696	56.46	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121560	0.56154	56.05	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121560	0.57904	56.53	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121560	0.59993	56.71	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121560	0.62511	56.66	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121560	0.65537	56.08	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121560	0.69179	56.53	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121560	0.73453	56.94	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121560	0.78467	57.09	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121560	0.8435	56.53	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121560	0.90983	56.8	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121560	0.98464	57.31	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121560	1.07061	57.84	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121560	1.1747	57.36	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121560	1.30004	57.19	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121560	1.45336	57.47	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121560	1.64454	57.45	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121560	1.87817	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121560	2.15882	57.44	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121560	2.48411	57.55	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121560	2.85402	57.56	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121560	3.26861	57.43	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121560	3.7267	57.55	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121560	4.23529	57.71	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121560	4.79876	57.88	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121560	5.42019	57.72	313.5	1.5	ANNUAL	SRCGP5	5

606412.2	4121560	7.91129	57.97	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121560	8.95809	58.25	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121560	8.93501	58.57	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121560	8.84537	58.57	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121560	8.69933	58.54	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121560	8.51212	58.5	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121560	8.29585	58.44	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121560	8.05896	58.38	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121560	7.80624	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121560	7.54284	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121560	7.2715	58.41	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121560	6.99566	58.45	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121560	6.71756	58.49	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121560	6.43857	58.57	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121560	6.16162	58.63	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121560	5.88811	58.68	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121560	4.61789	59.31	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121560	4.3916	59.35	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121560	4.17486	59.45	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121560	3.4081	60.12	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121560	3.24535	59.57	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121560	3.08928	59.38	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121560	2.94127	59.31	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121580	0.49969	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121580	0.50747	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121580	0.51515	55.58	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121580	0.52297	55.57	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121580	0.53094	55.5	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121580	0.53923	55.45	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121580	0.54802	55.54	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121580	0.55737	55.62	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121580	0.56751	55.68	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121580	0.57885	55.8	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121580	0.59161	55.9	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121580	0.60632	55.91	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121580	0.62363	55.89	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121580	0.64433	55.82	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121580	0.6695	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121580	0.69996	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121580	0.73714	56.04	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121580	0.78188	56.16	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121580	0.83513	56.29	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121580	0.89762	56.29	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121580	0.9699	56.77	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121580	1.0523	57.28	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121580	1.14781	57.7	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121580	1.26363	57.23	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121580	1.40324	57.13	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121580	1.57587	57.37	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121580	1.79276	57.44	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121580	2.0616	57.47	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121580	2.38941	57.23	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121580	2.77027	57.51	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121580	3.20867	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121580	3.70386	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121580	4.2541	57.57	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121580	4.86883	57.71	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121580	5.54972	57.89	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121580	6.29529	57.73	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121580	8.50721	57.88	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121580	9.8234	58.27	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121580	9.649	58.53	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121580	9.42565	58.67	313.5	1.5	ANNUAL	SRCGP5	5

606572.2	4121580	9.16719	58.74	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121580	8.88464	58.75	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121580	8.58427	58.75	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121580	8.26951	58.81	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121580	7.94694	58.86	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121580	7.61934	58.93	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121580	7.28886	59.06	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121580	6.96471	58.93	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121580	6.63988	59	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121580	6.32116	59.05	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121580	6.01077	59.07	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121580	5.13577	59.51	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121580	4.86887	59.57	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121580	4.61526	59.57	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121580	4.37384	59.63	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121580	4.14581	59.62	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121580	3.3508	60.13	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121580	3.1832	59.82	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121580	3.02446	59.67	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121580	2.87593	59.39	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121600	0.5411	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121600	0.55025	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121600	0.55946	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121600	0.56889	56.1	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121600	0.57844	56.19	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121600	0.58806	56.26	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121600	0.59795	56.33	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121600	0.60827	56.39	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121600	0.61928	56.43	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121600	0.63125	56.51	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121600	0.6445	56.53	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121600	0.65954	56.53	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121600	0.67699	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121600	0.69771	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121600	0.72273	56.58	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121600	0.75325	56.55	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121600	0.79069	56.57	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121600	0.83655	56.64	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121600	0.89215	56.73	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121600	0.95849	56.86	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121600	1.03681	57	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121600	1.12819	57.21	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121600	1.23436	57.62	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121600	1.36371	57.16	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121600	1.52038	57.07	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121600	1.71528	57.31	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121600	1.96358	57.34	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121600	2.27611	57.31	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121600	2.65841	57.34	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121600	3.11457	57.26	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121600	3.63863	57.41	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121600	4.23444	57.49	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121600	4.90325	57.68	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121600	5.65558	57.77	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121600	6.49063	57.76	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4121600	7.38565	57.72	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121600	9.87003	58.54	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121600	9.50362	58.66	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121600	9.11965	58.87	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121600	8.73098	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121600	8.3382	59.03	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121600	7.94433	59.14	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121600	7.5556	59.18	313.5	1.5	ANNUAL	SRCGP5	5

606712.2	4121600	7.17323	59.22	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121600	6.79905	59.32	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121600	6.43693	59.41	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121600	6.0894	59.43	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121600	4.58192	59.63	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121600	4.32931	59.59	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121600	4.0924	59.48	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121600	3.86939	59.44	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121600	3.27638	60.16	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121600	3.10582	60.07	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121600	2.94631	59.99	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121600	2.79966	59.41	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121620	0.5847	53.92	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121620	0.5959	53.91	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121620	0.60736	54.22	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121620	0.61871	54.4	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121620	0.63019	54.57	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121620	0.64196	54.82	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121620	0.65388	55.04	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121620	0.66594	55.14	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121620	0.67851	55.3	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121620	0.69176	55.41	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121620	0.70606	55.5	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121620	0.72201	55.63	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121620	0.74011	55.79	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121620	0.76126	55.97	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121620	0.78638	56.08	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121620	0.817	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121620	0.85468	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121620	0.90134	56.34	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121620	0.95897	56.56	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121620	1.0294	56.66	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121620	1.11419	56.77	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121620	1.21459	56.98	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121620	1.33328	57.27	313.5	1.5	ANNUAL	SRCGP5	5
606092.2	4121620	1.47738	57.06	313.5	1.5	ANNUAL	SRCGP5	5
606112.2	4121620	1.65396	56.99	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121620	1.87689	57.02	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121620	2.16312	57.04	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121620	2.52875	57	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121620	2.98262	57.08	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121620	3.52966	57.1	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121620	4.1625	57.52	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121620	4.89172	57.59	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121620	5.7226	57.52	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121620	6.65553	57.57	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121620	7.6833	57.57	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121620	11.48289	58.45	313.5	1.5	ANNUAL	SRCGP5	5
606412.2	4121620	12.00599	58.63	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121620	12.3118	58.54	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121620	12.13216	58.13	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121620	11.82928	58.08	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121620	4.51625	59.61	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121620	4.25456	59.59	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121620	4.01128	59.49	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121620	3.78401	59.46	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121620	3.18919	59.81	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121620	3.01864	59.81	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121620	2.86056	59.67	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121620	2.71388	59.39	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121640	0.63553	55.44	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121640	0.64921	55.43	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121640	0.66306	55.4	313.5	1.5	ANNUAL	SRCGP5	5

605692.2	4121640	0.67693	55.37	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121640	0.69084	55.36	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121640	0.70481	55.34	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121640	0.71896	55.36	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121640	0.7333	55.33	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121640	0.74796	55.23	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121640	0.7631	55.16	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121640	0.7788	55	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121640	0.79583	54.94	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121640	0.81459	54.81	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121640	0.83612	54.74	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121640	0.86136	54.71	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121640	0.89175	54.67	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121640	0.92781	54.17	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121640	0.97348	53.9	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121640	1.03396	54.41	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121640	1.10791	54.59	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121640	1.19827	54.6	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121640	1.30783	54.56	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121640	1.4393	54.45	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121640	3.36543	57.43	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121640	4.0256	57.75	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121640	4.799	58.28	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121640	5.70443	58.28	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121640	6.75345	57.87	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121640	7.92867	57.71	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121640	9.19078	57.94	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121640	13.37691	58.39	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121640	12.91839	58.5	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121640	12.41077	58.45	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121640	11.86018	58.52	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121640	11.29281	58.48	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121640	10.71226	58.5	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121640	10.13412	58.43	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121640	9.55839	58.48	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121640	3.90566	59.56	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121640	3.6769	59.6	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121640	3.08629	59.93	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121640	2.91794	59.99	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121640	2.764	59.63	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121640	2.62088	59.29	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121660	0.68951	55.82	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121660	0.70641	55.88	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121660	0.72351	55.98	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121660	0.74074	56.04	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121660	0.75812	56.08	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121660	0.77577	56.16	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121660	0.79352	56.3	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121660	0.81128	56.31	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121660	0.82927	56.41	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121660	0.84774	56.49	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121660	0.86686	56.53	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121660	0.88673	56.62	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121660	0.90798	56.48	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121660	0.9314	56.48	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121660	0.95817	56.43	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121660	0.98964	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121660	1.0278	56.62	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121660	1.07537	56.69	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121660	1.13556	56.7	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121660	1.2116	56.82	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121660	1.30762	56.93	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121660	1.4274	57	313.5	1.5	ANNUAL	SRCGP5	5

606072.2	4121660	1.57456	57.11	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121660	2.27387	57.5	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121660	2.66092	57.54	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121660	3.17492	57.43	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121660	3.83531	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121660	4.6525	57.77	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121660	5.62356	58.2	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121660	6.76588	58.32	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121660	8.08623	58.3	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121660	9.57349	58.19	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121660	11.1478	58.25	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121660	15.11804	57.91	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121660	15.77327	57.82	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121660	14.73129	58.24	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121660	14.08162	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121660	13.38243	58.56	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121660	12.66439	58.67	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121660	11.939	58.76	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121660	11.22067	58.81	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121660	10.51947	58.79	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121660	9.83892	58.82	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121660	9.18469	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121660	8.56585	59.01	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121660	7.98168	59.12	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121660	7.43603	59.16	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121660	6.92606	59.27	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121660	6.45466	59.27	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121660	6.0217	59.04	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121660	2.97369	59.98	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121660	2.81004	60	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121660	2.66092	59.61	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121660	2.52232	59.27	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121680	0.96845	56.38	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121680	0.99262	56.63	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121680	1.01789	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121680	1.04459	56.13	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121680	1.07379	56.06	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121680	1.1073	56.13	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121680	1.14696	56.27	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121680	1.1954	56.39	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121680	1.25649	56.44	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121680	1.33493	56.56	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121680	1.43605	56.65	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121680	1.56512	56.75	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121680	1.72752	56.9	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121680	6.70874	57.61	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121680	8.18825	57.79	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121680	9.91938	57.57	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121680	11.84099	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121680	18.03691	58	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121680	18.52573	57.92	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121680	18.22411	58.24	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121680	12.50983	58.51	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121680	11.63962	58.53	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121680	10.80552	58.6	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121680	10.01646	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121680	9.27717	58.79	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121680	8.58808	58.91	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121680	7.95108	58.99	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121680	7.36245	59.15	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121680	6.82364	59.22	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121680	6.33093	59.22	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121680	5.88423	58.93	313.5	1.5	ANNUAL	SRCGP5	5

606992.2	4121680	2.85438	59.99	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121680	2.69665	60.02	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121680	2.55312	59.66	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121680	2.42025	59.33	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121700	0.8089	56.02	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121700	0.83392	56.16	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121700	0.85956	56.13	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121700	0.88589	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121700	0.91295	56.18	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121700	0.94088	56.34	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121700	0.96923	56.27	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121700	0.99796	56.35	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121700	1.02716	56.31	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121700	1.08703	56.3	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121700	1.11772	56.64	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121700	1.14916	56.58	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121700	1.18165	56.1	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121700	1.21598	55.98	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121700	1.25387	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121700	1.29658	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121700	1.34735	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121700	1.41013	56.3	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121700	1.49045	56.33	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121700	1.5954	56.43	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121700	1.73302	56.47	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121700	1.91197	56.55	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121700	3.38146	57.05	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121700	4.13985	57.03	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121700	5.16211	57.26	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121700	6.48437	57.51	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121700	8.12379	57.64	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121700	10.08367	57.79	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121700	12.3713	57.66	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121700	14.86727	57.48	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121700	21.57584	58.1	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121700	21.7374	58.07	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121700	20.66182	58.3	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121700	18.66454	58.11	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121700	17.50503	58.18	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121700	16.32573	58.17	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121700	15.16496	57.97	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121700	7.82506	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121700	7.21051	58.8	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121700	6.65443	58.83	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121700	6.14966	58.92	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121700	5.69517	58.82	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121700	2.7308	60.06	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121700	2.58011	60.15	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121700	2.44328	59.85	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121700	2.31771	59.36	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121720	0.87433	56.06	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121720	0.90417	56.11	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121720	0.93537	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121720	0.96752	56.37	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121720	1.00093	56.42	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121720	1.03555	56.44	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121720	1.07106	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121720	1.10774	56.56	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121720	1.14567	56.32	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121720	1.22379	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121720	1.26386	56.58	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121720	1.3049	56.54	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121720	1.34691	56.11	313.5	1.5	ANNUAL	SRCGP5	5

605912.2	4121720	1.39052	56.25	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121720	1.43617	56.64	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121720	1.48579	56.7	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121720	1.5414	56.8	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121720	1.60751	56.89	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121720	1.69072	56.89	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121720	1.79887	56.93	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121720	1.94213	57.1	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121720	2.1352	57.13	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121720	3.20575	56.84	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121720	3.86121	56.98	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121720	4.80294	56.97	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121720	6.11406	57.19	313.5	1.5	ANNUAL	SRCGP5	5
606212.2	4121720	7.85633	57.44	313.5	1.5	ANNUAL	SRCGP5	5
606232.2	4121720	10.05732	57.64	313.5	1.5	ANNUAL	SRCGP5	5
606252.2	4121720	12.72857	57.74	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4121720	15.80666	57.76	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121720	19.06927	57.52	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121720	25.83898	58.17	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121720	25.49001	57.99	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121720	23.2616	58.42	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121720	20.29905	58.2	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121720	18.72882	58.35	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121720	17.19556	58.5	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121720	15.76315	58.11	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121720	14.38439	58.3	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121720	13.10197	58.63	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121720	11.94439	58.56	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121720	10.89876	58.23	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121720	9.93992	58.28	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121720	9.07334	58.44	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121720	8.29677	58.51	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121720	7.60308	58.43	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121720	6.97754	58.53	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121720	6.41622	58.65	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121720	5.91334	58.72	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121720	5.46309	58.69	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121720	2.6064	60.13	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121720	2.46486	60.03	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121720	2.33583	59.65	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121720	2.21591	59.45	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121740	0.94344	55.82	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121740	0.97865	55.8	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121740	1.01595	56.02	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121740	1.0549	56.29	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121740	1.09578	56.37	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121740	1.13834	56.18	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121740	1.18269	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121740	1.22925	56.48	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121740	1.27748	56.28	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121740	1.37914	56.19	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121740	1.43261	56.57	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121740	1.48757	56.47	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121740	1.54356	56.07	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121740	1.60164	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121740	1.6615	56.62	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121740	1.72412	56.72	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121740	1.7906	56.96	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121740	1.86629	56.96	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121740	1.95662	56.9	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121740	2.06987	56.98	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121740	2.22116	56.99	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121740	2.42702	57.09	313.5	1.5	ANNUAL	SRCGP5	5

606392.2	4121740	29.71861	57.93	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121740	25.8753	58.53	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121740	21.69869	58.31	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121740	19.66185	58.55	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121740	17.77407	58.58	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121740	16.06468	58.15	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121740	14.47409	58.38	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121740	13.03585	58.81	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121740	11.77109	58.81	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121740	10.66177	58.35	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121740	9.65641	58.52	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121740	8.76098	58.87	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121740	7.96923	59.18	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121740	7.28609	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121740	6.66576	58.88	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121740	6.11084	59.26	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121740	5.62122	59.4	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121740	5.19463	58.84	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121740	4.80185	59.09	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121740	4.44857	59.44	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121740	4.13439	59.51	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121740	3.85011	59.7	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121740	3.59557	59.67	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121740	3.36398	59.76	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121740	3.15411	59.82	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121740	2.96337	59.86	313.5	1.5	ANNUAL	SRCGP5	5
606952.2	4121740	2.78953	59.88	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121740	2.48614	59.68	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121740	2.35257	59.66	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121740	2.22945	59.72	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121740	2.11642	59.67	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121760	1.01764	55.76	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121760	1.10247	55.75	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121760	1.14916	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121760	1.19807	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121760	1.30414	56.08	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121760	1.36211	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121760	1.4229	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121760	1.55436	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121760	1.62471	56.59	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121760	1.69837	56.33	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121760	1.77414	55.9	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121760	1.85367	55.93	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121760	1.93683	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121760	2.02215	56.29	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121760	2.11118	56.74	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121760	2.20652	56.81	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121760	2.31364	56.76	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121760	2.44036	56.78	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121760	2.6026	56.78	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121760	2.82305	56.83	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121760	36.72483	57.94	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121760	28.24091	58.53	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121760	22.65605	58.37	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121760	20.14824	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121760	17.93809	58.59	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121760	15.99578	58.16	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121760	14.24887	58.4	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121760	12.70988	58.87	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121760	11.38714	58.9	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121760	10.24997	58.46	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121760	9.23764	58.61	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121760	8.34811	58.96	313.5	1.5	ANNUAL	SRCGP5	5

606672.2	4121760	7.57124	59.24	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121760	6.90551	58.84	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121760	6.30784	59	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121760	5.77582	59.4	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121760	5.31091	59.45	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121760	4.9067	58.89	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121760	4.53421	59.24	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121760	4.20182	59.57	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121760	3.90795	59.54	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121760	3.64288	59.59	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121760	3.40453	59.56	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121760	3.18867	59.55	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121760	2.99346	59.45	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121760	2.81531	59.43	313.5	1.5	ANNUAL	SRCGP5	5
606952.2	4121760	2.65269	59.45	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121760	2.36639	59.84	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121760	2.24004	60.17	313.5	1.5	ANNUAL	SRCGP5	5
607032.2	4121760	2.12503	60.22	313.5	1.5	ANNUAL	SRCGP5	5
607052.2	4121760	2.01982	60.08	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121780	1.09764	55.73	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121780	1.19658	55.83	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121780	1.25133	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121780	1.30931	56.22	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121780	1.43735	56.07	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121780	1.50805	56.42	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121780	1.58363	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121780	1.75028	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121780	1.84199	56.44	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121780	1.93958	56.27	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121780	2.04152	55.8	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121780	2.15104	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121780	2.26721	56.1	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121780	2.3885	56.16	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121780	2.64677	56.96	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121780	3.13671	56.75	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121780	3.37719	56.91	313.5	1.5	ANNUAL	SRCGP5	5
606132.2	4121780	4.97031	57.48	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121780	6.18649	57.4	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121780	8.19983	57.29	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121780	11.46548	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121780	46.00492	58.1	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121780	49.18704	58.02	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121780	42.80053	58.13	313.5	1.5	ANNUAL	SRCGP5	5
606392.2	4121780	38.4897	58.08	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121780	29.9235	58.64	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121780	22.94862	58.48	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121780	20.0667	58.72	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121780	17.61194	58.64	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121780	15.52326	58.28	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121780	13.7015	58.51	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121780	12.13525	58.93	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121780	10.81626	58.88	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121780	9.69439	58.52	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121780	8.70925	58.69	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121780	7.85351	59.02	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121780	7.11367	59.28	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121780	6.48376	58.84	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121780	5.91902	59.07	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121780	5.42132	59.4	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121780	4.9858	59.52	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121780	4.60979	58.94	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121780	4.26738	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121780	3.96125	59.01	313.5	1.5	ANNUAL	SRCGP5	5

606832.2	4121780	3.68709	59.06	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121780	3.44046	59.13	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121780	3.21769	59.27	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121780	3.0164	59.4	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121780	2.83334	59.61	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121780	2.66696	59.81	313.5	1.5	ANNUAL	SRCGP5	5
606952.2	4121780	2.51528	60	313.5	1.5	ANNUAL	SRCGP5	5
606992.2	4121780	2.25085	60.11	313.5	1.5	ANNUAL	SRCGP5	5
607012.2	4121780	2.13495	60.11	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121800	1.18524	55.57	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121800	1.29962	55.68	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121800	1.36355	56.06	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121800	1.43161	55.93	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121800	1.58437	56.02	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121800	1.67028	56.25	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121800	1.76243	56.05	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121800	1.97088	56.14	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121800	2.0882	56.47	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121800	2.21515	56.29	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121800	2.35024	55.74	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121800	2.50052	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121800	2.66048	56.58	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121800	2.83223	56.73	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121800	3.21023	57.08	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121800	3.89711	56.84	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121800	4.18553	57.22	313.5	1.5	ANNUAL	SRCGP5	5
606152.2	4121800	7.52097	57.69	313.5	1.5	ANNUAL	SRCGP5	5
606172.2	4121800	10.23246	57.51	313.5	1.5	ANNUAL	SRCGP5	5
606192.2	4121800	15.02533	57.58	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4121800	64.38238	58.16	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4121800	64.94945	58.27	313.5	1.5	ANNUAL	SRCGP5	5
606372.2	4121800	48.41139	58.12	313.5	1.5	ANNUAL	SRCGP5	5
606432.2	4121800	30.5174	58.67	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121800	22.45952	58.48	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121800	19.35992	58.7	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121800	16.79764	58.72	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121800	14.66161	58.73	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121800	12.86879	58.84	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121800	11.36039	59	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121800	10.09622	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121800	9.02013	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121800	8.09896	59.03	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121800	7.30453	59.2	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121800	6.62041	59.33	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121800	6.02983	59.34	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121800	5.51217	59.41	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121800	5.05796	59.54	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121800	4.65919	59.57	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121800	4.31378	59	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121800	3.99495	59.39	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121800	3.71379	59.5	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121800	3.46173	59.63	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121800	3.23548	59.71	313.5	1.5	ANNUAL	SRCGP5	5
606872.2	4121800	3.03096	59.85	313.5	1.5	ANNUAL	SRCGP5	5
606892.2	4121800	2.84603	59.97	313.5	1.5	ANNUAL	SRCGP5	5
606912.2	4121800	2.67798	60.1	313.5	1.5	ANNUAL	SRCGP5	5
606932.2	4121800	2.5262	60.03	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121860	1.51898	55.39	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121860	1.60153	54.86	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121860	1.6948	55.28	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121860	1.79701	55.7	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121860	1.90712	55.67	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121860	2.02671	55.24	313.5	1.5	ANNUAL	SRCGP5	5

605752.2	4121860	2.16198	55.53	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121860	2.31141	55.85	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121860	2.47684	56.02	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121860	2.65883	55.58	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121860	2.86658	55.82	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121860	3.10074	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121860	3.36366	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121860	3.65845	55.73	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121860	4.00322	56.03	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121860	4.39875	56.36	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121860	4.8542	56.55	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121860	5.38406	56.72	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121860	6.00421	56.84	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121860	6.73446	57.02	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121860	7.60107	57.18	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121860	8.63882	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121860	9.89359	57.16	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121860	6.88302	58.8	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121860	6.21595	59.3	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121860	5.64778	59.65	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121860	5.16499	59.6	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121860	4.7426	59.59	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121860	4.36964	59.68	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121860	4.04363	59.59	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121860	3.75383	59.56	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121860	3.49856	59.2	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121860	3.2643	59.44	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121860	3.05488	59.57	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121860	2.86631	59.67	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121860	2.69542	59.79	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121880	1.66175	55.56	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121880	1.75758	54.97	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121880	1.86623	55.5	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121880	1.98554	55.91	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121880	2.11597	55.81	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121880	2.25801	55.32	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121880	2.42007	55.72	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121880	2.60171	56.18	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121880	2.80327	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121880	3.02753	55.63	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121880	3.28685	55.9	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121880	3.58269	56.41	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121880	3.91932	56.49	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121880	4.30419	55.84	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121880	4.75916	56.09	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121880	5.29215	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121880	5.92204	56.53	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121880	6.6754	56.7	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121880	7.5826	56.92	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121880	8.69487	57.09	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121880	10.07422	57.3	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121880	11.81828	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121880	14.05868	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121880	17.36982	58.72	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121880	14.72144	58.93	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121880	12.66177	58.94	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121880	11.01483	58.94	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121880	9.67434	58.99	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121880	8.57451	58.98	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121880	7.67041	58.58	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121880	6.89565	58.55	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121880	6.22692	58.89	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121880	5.64985	59.44	313.5	1.5	ANNUAL	SRCGP5	5

606652.2	4121880	5.15504	59.84	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121880	4.73557	59.63	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121880	4.36344	59.68	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121880	4.03571	59.76	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121880	3.74676	59.73	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121880	3.48912	59.69	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121880	3.26115	59.33	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121880	3.05089	59.59	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121880	2.86212	59.76	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121880	2.69142	59.92	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121880	2.53661	60.04	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121900	1.82297	55.74	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121900	1.93438	54.98	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121900	2.06143	55.45	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121900	2.20153	55.88	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121900	2.35626	55.94	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121900	2.5263	55.35	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121900	2.72127	55.74	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121900	2.94045	56.28	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121900	3.18652	56.2	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121900	3.46333	55.66	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121900	3.7872	56.01	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121900	4.15959	56.52	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121900	4.59152	56.6	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121900	5.09458	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121900	5.69429	55.86	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121900	6.41489	55.96	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121900	7.29062	56.1	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121900	8.36797	56.34	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121900	9.71242	56.46	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121900	11.42766	56.6	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121900	13.66572	56.73	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121900	16.64134	57.12	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121900	20.75035	57.56	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121900	14.72333	58.71	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121900	12.62813	58.9	313.5	1.5	ANNUAL	SRCGP5	5
606492.2	4121900	10.97298	58.94	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121900	9.63449	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121900	8.53542	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606552.2	4121900	7.61993	58.98	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121900	6.85951	58.66	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121900	6.20335	58.66	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121900	5.63456	58.96	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121900	5.13931	59.49	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121900	4.71232	59.84	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121900	4.34907	59.56	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121900	4.02081	59.8	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121900	3.73213	59.84	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121900	3.47575	59.8	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121900	3.24659	59.72	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121900	3.04115	59.58	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121900	2.85426	59.64	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121900	2.6852	59.69	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121900	2.5316	59.73	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121900	2.39136	59.79	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121920	2.00181	55.77	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121920	2.13152	55.08	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121920	2.27975	55.52	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121920	2.44423	55.96	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121920	2.62627	56.03	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121920	2.82734	55.4	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121920	3.06079	55.84	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121920	3.32547	56.25	313.5	1.5	ANNUAL	SRCGP5	5

605792.2	4121920	3.62548	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121920	3.96675	55.71	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121920	4.36899	56.11	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121920	4.83596	56.61	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121920	5.38595	56.54	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121920	6.03667	55.89	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121920	6.82989	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121920	7.79193	56.6	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121920	8.98238	56.78	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121920	10.48151	56.94	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121920	12.41403	57.03	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121920	14.96029	57.22	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121920	18.43129	57.35	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121920	23.33604	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121920	30.64391	57.65	313.5	1.5	ANNUAL	SRCGP5	5
606452.2	4121920	12.47456	58.81	313.5	1.5	ANNUAL	SRCGP5	5
606472.2	4121920	10.84798	58.89	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121920	7.54917	58.98	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121920	6.14448	59.02	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121920	5.59242	58.95	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121920	5.11183	59.06	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121920	4.68679	59.57	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121920	4.31662	59.92	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121920	3.99833	59.72	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121920	3.70737	60.21	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121920	3.45199	60.37	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121920	3.22491	60.34	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121920	3.02071	60.33	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121920	2.83735	60.24	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121920	2.67054	60.23	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121920	2.51841	60.26	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121920	2.37937	60.32	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121920	2.25309	60.2	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121940	2.19768	55.83	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121940	2.35024	55.73	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121940	2.52082	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121940	2.71156	56.07	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121940	2.92573	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121940	3.16749	56.07	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121940	3.44297	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121940	3.75734	56.32	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121940	4.11839	56.19	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121940	4.53249	55.69	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121940	5.02671	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121940	5.60417	56.6	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121940	6.29189	56.63	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121940	7.11475	55.91	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121940	8.13095	56.41	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121940	9.37973	56.79	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121940	10.9495	57.02	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121940	12.9724	57.1	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121940	15.6372	57.15	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121940	19.23215	57.41	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121940	24.28941	57.53	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121940	31.72055	57.57	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121940	43.24826	57.6	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121940	6.72945	59.13	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121940	5.54326	59.3	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121940	5.07561	59.07	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121940	4.66195	59.18	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121940	4.29322	59.68	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121940	3.97178	59.92	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121940	3.69192	59.72	313.5	1.5	ANNUAL	SRCGP5	5

606692.2	4121940	3.43422	60.26	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121940	3.207	60.53	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121940	3.00561	60.42	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121940	2.82214	60.44	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121940	2.6561	60.53	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121940	2.5054	60.59	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121940	2.3667	60.79	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121940	2.24082	60.82	313.5	1.5	ANNUAL	SRCGP5	5
606852.2	4121940	2.12741	60.44	313.5	1.5	ANNUAL	SRCGP5	5
605632.2	4121960	2.40863	55.85	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121960	2.58377	55.89	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121960	2.77962	56.01	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121960	2.9999	56.04	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121960	3.24964	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121960	3.53262	56.23	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121960	3.85477	56.25	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121960	4.22531	56.37	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121960	4.65442	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121960	5.15113	55.81	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121960	5.7442	56.44	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121960	6.44286	56.7	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121960	7.28348	56.59	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121960	8.29947	55.98	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121960	9.56276	56.44	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121960	11.13778	56.62	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4121960	13.1398	56.88	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121960	15.75793	56.82	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121960	19.24437	56.93	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121960	24.03201	57.06	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121960	30.8205	57.27	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121960	40.8683	57.27	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121960	56.29804	57.32	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121960	5.05529	59.37	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121960	4.64988	59.04	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121960	4.28538	59.3	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121960	3.96099	59.78	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121960	3.67878	59.85	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121960	3.42943	59.68	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121960	3.19878	60.27	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121960	2.99522	60.5	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121960	2.81744	59.99	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121960	2.64962	60.21	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121960	2.49845	60.29	313.5	1.5	ANNUAL	SRCGP5	5
606792.2	4121960	2.36157	60.3	313.5	1.5	ANNUAL	SRCGP5	5
606812.2	4121960	2.23243	60.95	313.5	1.5	ANNUAL	SRCGP5	5
606832.2	4121960	2.11706	61.06	313.49	1.5	ANNUAL	SRCGP5	5
606852.2	4121960	2.01366	60.64	313.49	1.5	ANNUAL	SRCGP5	5
605632.2	4121980	2.63163	55.56	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4121980	2.83024	55.59	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4121980	3.05321	55.6	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4121980	3.30545	55.62	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4121980	3.59163	55.76	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4121980	3.91774	55.91	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4121980	4.29143	56.03	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4121980	4.72332	56.13	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4121980	5.22309	56.02	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4121980	5.80976	56.01	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4121980	6.50662	56.54	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4121980	7.33499	56.74	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4121980	8.33892	56.39	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4121980	9.5633	56.1	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4121980	11.08777	56.29	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4121980	13.00666	56.33	313.5	1.5	ANNUAL	SRCGP5	5

605952.2	4121980	15.46883	56.28	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4121980	18.69065	56.31	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4121980	22.99684	56.46	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4121980	28.88536	56.53	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4121980	37.11759	56.51	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4121980	48.83302	56.55	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4121980	65.63012	56.68	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4121980	6.12751	59.33	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4121980	5.57131	59.19	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4121980	4.66594	59.39	313.5	1.5	ANNUAL	SRCGP5	5
606592.2	4121980	4.30279	59.17	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4121980	3.97732	59.39	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4121980	3.68679	59.8	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4121980	3.43313	59.8	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4121980	3.20786	59.63	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4121980	2.99818	60.23	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4121980	2.81397	60.31	313.5	1.5	ANNUAL	SRCGP5	5
606732.2	4121980	2.65133	59.92	313.5	1.5	ANNUAL	SRCGP5	5
606752.2	4121980	2.4955	60.62	313.5	1.5	ANNUAL	SRCGP5	5
606772.2	4121980	2.3568	60.75	313.49	1.5	ANNUAL	SRCGP5	5
606792.2	4121980	2.23311	60.42	313.49	1.5	ANNUAL	SRCGP5	5
606812.2	4121980	2.11452	61.02	312.87	1.5	ANNUAL	SRCGP5	5
606832.2	4121980	1.98365	61.24	61.24	1.5	ANNUAL	SRCGP5	5
606852.2	4121980	1.91176	60.87	60.87	1.5	ANNUAL	SRCGP5	5
605632.2	4122000	2.86275	55.03	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4122000	3.08616	55.11	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4122000	3.33829	55.17	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4122000	3.62363	55.28	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4122000	3.94732	55.34	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4122000	4.31624	55.33	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4122000	4.74281	55.43	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4122000	5.235	55.47	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4122000	5.81204	55.61	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4122000	6.4945	56.01	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4122000	7.30178	56.55	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4122000	8.26627	56.76	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4122000	9.4395	56.29	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4122000	10.87802	56.27	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4122000	12.66284	56.8	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4122000	14.91487	56.92	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4122000	17.81063	56.5	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4122000	21.55984	56.47	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4122000	26.47047	56.97	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4122000	32.99642	57.12	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4122000	41.74009	56.72	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4122000	53.23197	56.73	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4122000	67.79008	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4122000	24.94924	58.13	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4122000	20.86496	58.23	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4122000	17.70771	58.26	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4122000	15.16013	58.24	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4122000	5.67761	59.49	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4122000	5.17624	59.37	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4122000	3.72859	59.48	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4122000	3.46261	59.92	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4122000	3.22981	59.92	313.5	1.5	ANNUAL	SRCGP5	5
606672.2	4122000	3.0224	59.77	313.5	1.5	ANNUAL	SRCGP5	5
606692.2	4122000	2.83127	60.24	313.5	1.5	ANNUAL	SRCGP5	5
606712.2	4122000	2.66108	60.26	313.49	1.5	ANNUAL	SRCGP5	5
606732.2	4122000	2.51015	59.84	313.49	1.5	ANNUAL	SRCGP5	5
606752.2	4122000	2.36675	60.49	313.48	1.5	ANNUAL	SRCGP5	5
606772.2	4122000	2.23695	60.84	60.84	1.5	ANNUAL	SRCGP5	5
606792.2	4122000	2.12201	60.49	60.49	1.5	ANNUAL	SRCGP5	5

606812.2	4122000	2.01192	61.1	61.1	1.5	ANNUAL	SRCGP5	5
606832.2	4122000	1.89048	61.23	61.23	1.5	ANNUAL	SRCGP5	5
606852.2	4122000	1.82312	60.87	60.87	1.5	ANNUAL	SRCGP5	5
605632.2	4122020	3.10728	55.56	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4122020	3.35716	55.7	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4122020	3.63873	55.68	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4122020	3.95831	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4122020	4.32214	55.92	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4122020	4.73746	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4122020	5.21768	55.86	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4122020	5.77623	55.89	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4122020	6.43109	56.08	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4122020	7.20363	56.26	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4122020	8.12162	56.52	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4122020	9.22239	56.81	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4122020	10.56251	56.61	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4122020	12.20371	56.61	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4122020	14.23291	56.85	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4122020	16.7719	56.95	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4122020	19.98072	56.8	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4122020	24.04266	56.79	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4122020	29.1788	57.07	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4122020	35.64766	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4122020	43.69004	56.99	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4122020	53.22914	56.95	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4122020	63.69825	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4122020	24.47547	58.35	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4122020	20.14515	59.31	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4122020	17.1875	59.32	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4122020	14.91643	59.3	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4122020	13.07099	59.14	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4122020	5.3213	59.43	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4122020	4.86195	59.46	313.5	1.5	ANNUAL	SRCGP5	5
606612.2	4122020	3.5279	59.61	313.5	1.5	ANNUAL	SRCGP5	5
606632.2	4122020	3.28137	59.97	313.5	1.5	ANNUAL	SRCGP5	5
606652.2	4122020	3.06471	59.95	313.49	1.5	ANNUAL	SRCGP5	5
606672.2	4122020	2.87074	59.85	313.49	1.5	ANNUAL	SRCGP5	5
606692.2	4122020	2.69262	60.25	313.48	1.5	ANNUAL	SRCGP5	5
606712.2	4122020	2.53388	60.24	60.24	1.5	ANNUAL	SRCGP5	5
606732.2	4122020	2.39249	59.77	59.77	1.5	ANNUAL	SRCGP5	5
606752.2	4122020	2.25786	60.42	60.42	1.5	ANNUAL	SRCGP5	5
606772.2	4122020	2.13585	60.85	60.85	1.5	ANNUAL	SRCGP5	5
606792.2	4122020	2.02777	60.48	60.48	1.5	ANNUAL	SRCGP5	5
606812.2	4122020	1.92428	61.07	61.07	1.5	ANNUAL	SRCGP5	5
606832.2	4122020	1.83168	61.04	61.04	1.5	ANNUAL	SRCGP5	5
606852.2	4122020	1.74745	60.63	60.63	1.5	ANNUAL	SRCGP5	5
605632.2	4122040	3.35635	55.8	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4122040	3.63209	55.84	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4122040	3.94412	55.92	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4122040	4.29807	56	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4122040	4.70237	56.09	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4122040	5.16726	56.09	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4122040	5.70353	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4122040	6.32859	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4122040	7.06039	56.3	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4122040	7.92403	56.49	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4122040	8.95154	56.6	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4122040	10.18295	56.73	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4122040	11.67124	56.74	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4122040	13.47978	56.83	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4122040	15.6895	56.95	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4122040	18.39782	57.07	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4122040	21.72243	57.05	313.5	1.5	ANNUAL	SRCGP5	5

605972.2	4122040	25.77074	57.14	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4122040	30.6411	57.23	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4122040	36.3672	57.25	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4122040	42.82935	57.24	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4122040	49.62878	57.27	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4122040	55.98027	57.36	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4122040	20.13712	58.46	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4122040	16.83911	59.32	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4122040	14.51617	59.36	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4122040	12.75129	59.37	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4122040	11.33925	59.25	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4122040	5.0125	59.41	313.5	1.5	ANNUAL	SRCGP5	5
606532.2	4122040	4.5946	59.52	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4122040	3.90378	59.64	313.49	1.5	ANNUAL	SRCGP5	5
606592.2	4122040	3.61992	59.39	313.49	1.5	ANNUAL	SRCGP5	5
606612.2	4122040	3.36203	59.7	313.48	1.5	ANNUAL	SRCGP5	5
606632.2	4122040	3.1327	59.94	313.48	1.5	ANNUAL	SRCGP5	5
606652.2	4122040	2.92935	59.87	312.87	1.5	ANNUAL	SRCGP5	5
606672.2	4122040	2.74606	59.82	59.82	1.5	ANNUAL	SRCGP5	5
606692.2	4122040	2.57768	60.25	60.25	1.5	ANNUAL	SRCGP5	5
606712.2	4122040	2.42774	60.23	60.23	1.5	ANNUAL	SRCGP5	5
606732.2	4122040	2.29425	59.7	59.7	1.5	ANNUAL	SRCGP5	5
606752.2	4122040	2.16667	60.35	60.35	1.5	ANNUAL	SRCGP5	5
606772.2	4122040	2.0511	60.76	60.76	1.5	ANNUAL	SRCGP5	5
606792.2	4122040	1.94892	60.31	60.31	1.5	ANNUAL	SRCGP5	5
606812.2	4122040	1.85074	60.87	60.87	1.5	ANNUAL	SRCGP5	5
606832.2	4122040	1.76259	60.81	60.81	1.5	ANNUAL	SRCGP5	5
606852.2	4122040	1.68239	60.43	60.43	1.5	ANNUAL	SRCGP5	5
605632.2	4122060	3.60847	55.67	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4122060	3.91187	55.84	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4122060	4.25523	55.99	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4122060	4.64384	55.85	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4122060	5.0884	55.86	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4122060	5.60173	55.96	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4122060	6.19467	56.03	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4122060	6.88431	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4122060	7.69204	56.17	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4122060	8.64291	56.29	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4122060	9.76827	56.42	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4122060	11.1071	56.51	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4122060	12.70541	56.61	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4122060	14.61711	56.64	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4122060	16.89649	56.94	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4122060	19.61119	57.06	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4122060	22.81791	56.99	313.5	1.5	ANNUAL	SRCGP5	5
605972.2	4122060	26.51421	57.33	313.5	1.5	ANNUAL	SRCGP5	5
605992.2	4122060	30.70053	57.38	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4122060	35.24265	57.39	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4122060	39.84794	57.52	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4122060	44.11532	57.38	313.5	1.5	ANNUAL	SRCGP5	5
606072.2	4122060	47.34992	57.42	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4122060	16.88705	58.86	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4122060	14.3548	59.32	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4122060	12.46853	59.41	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4122060	11.03833	59.3	313.5	1.5	ANNUAL	SRCGP5	5
606352.2	4122060	9.89617	59.31	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4122060	3.71776	59.95	59.95	1.5	ANNUAL	SRCGP5	5
606592.2	4122060	3.45801	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606612.2	4122060	3.21829	59.76	59.76	1.5	ANNUAL	SRCGP5	5
606632.2	4122060	3.00415	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606652.2	4122060	2.81287	59.82	59.82	1.5	ANNUAL	SRCGP5	5
606672.2	4122060	2.64007	59.76	59.76	1.5	ANNUAL	SRCGP5	5
606692.2	4122060	2.48103	60.13	60.13	1.5	ANNUAL	SRCGP5	5

606712.2	4122060	2.33837	60.16	60.16	1.5	ANNUAL	SRCGP5	5
606732.2	4122060	2.21074	59.71	59.71	1.5	ANNUAL	SRCGP5	5
606752.2	4122060	2.08919	60.34	60.34	1.5	ANNUAL	SRCGP5	5
606772.2	4122060	1.97979	60.53	60.53	1.5	ANNUAL	SRCGP5	5
606792.2	4122060	1.88192	60.11	60.11	1.5	ANNUAL	SRCGP5	5
606812.2	4122060	1.78775	60.76	60.76	1.5	ANNUAL	SRCGP5	5
606832.2	4122060	1.70341	60.69	60.69	1.5	ANNUAL	SRCGP5	5
606852.2	4122060	1.62623	60.34	60.34	1.5	ANNUAL	SRCGP5	5
607052.2	4122060	1.08373	60.26	60.26	1.5	ANNUAL	SRCGP5	5
605632.2	4122080	3.86371	55.28	313.5	1.5	ANNUAL	SRCGP5	5
605652.2	4122080	4.19583	55.67	313.5	1.5	ANNUAL	SRCGP5	5
605672.2	4122080	4.57069	55.87	313.5	1.5	ANNUAL	SRCGP5	5
605692.2	4122080	4.99229	55.44	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4122080	5.47981	55.65	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4122080	6.03938	55.76	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4122080	6.68385	55.69	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4122080	7.43363	55.78	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4122080	8.30857	55.93	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4122080	9.32903	55.93	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4122080	10.52519	55.94	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4122080	11.93324	56.12	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4122080	13.58072	56.24	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4122080	15.50242	56.21	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4122080	17.72981	56.4	313.5	1.5	ANNUAL	SRCGP5	5
605932.2	4122080	20.28034	56.54	313.5	1.5	ANNUAL	SRCGP5	5
605952.2	4122080	23.14948	56.52	313.5	1.5	ANNUAL	SRCGP5	5
606272.2	4122080	14.43835	58.81	313.5	1.5	ANNUAL	SRCGP5	5
606292.2	4122080	12.42812	59.28	313.5	1.5	ANNUAL	SRCGP5	5
606312.2	4122080	10.8784	59.33	313.5	1.5	ANNUAL	SRCGP5	5
606332.2	4122080	9.67218	59.3	313.49	1.5	ANNUAL	SRCGP5	5
606352.2	4122080	8.70827	59.48	313.49	1.5	ANNUAL	SRCGP5	5
606572.2	4122080	3.54589	59.94	59.94	1.5	ANNUAL	SRCGP5	5
606592.2	4122080	3.3079	59.46	59.46	1.5	ANNUAL	SRCGP5	5
606612.2	4122080	3.08902	59.42	59.42	1.5	ANNUAL	SRCGP5	5
606632.2	4122080	2.88972	59.57	59.57	1.5	ANNUAL	SRCGP5	5
606652.2	4122080	2.70959	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606672.2	4122080	2.54644	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606692.2	4122080	2.39699	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606712.2	4122080	2.261	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606732.2	4122080	2.13729	59.86	59.86	1.5	ANNUAL	SRCGP5	5
606752.2	4122080	2.02196	60.33	60.33	1.5	ANNUAL	SRCGP5	5
606772.2	4122080	1.9178	60.39	60.39	1.5	ANNUAL	SRCGP5	5
606792.2	4122080	1.82388	59.93	59.93	1.5	ANNUAL	SRCGP5	5
606812.2	4122080	1.734	60.46	60.46	1.5	ANNUAL	SRCGP5	5
606892.2	4122080	1.44239	60.42	60.42	1.5	ANNUAL	SRCGP5	5
606912.2	4122080	1.38178	60.49	60.49	1.5	ANNUAL	SRCGP5	5
606932.2	4122080	1.32594	60.24	60.24	1.5	ANNUAL	SRCGP5	5
605632.2	4122100	4.12465	55.21	313.49	1.5	ANNUAL	SRCGP5	5
605652.2	4122100	4.48414	55.57	313.49	1.5	ANNUAL	SRCGP5	5
605672.2	4122100	4.88989	55.76	313.49	1.5	ANNUAL	SRCGP5	5
605692.2	4122100	5.34524	55.3	313.5	1.5	ANNUAL	SRCGP5	5
605712.2	4122100	5.87642	55.89	313.5	1.5	ANNUAL	SRCGP5	5
605732.2	4122100	6.48105	56.15	313.5	1.5	ANNUAL	SRCGP5	5
605752.2	4122100	7.16915	55.79	313.5	1.5	ANNUAL	SRCGP5	5
605772.2	4122100	7.96841	55.89	313.5	1.5	ANNUAL	SRCGP5	5
605792.2	4122100	8.89478	56.3	313.5	1.5	ANNUAL	SRCGP5	5
605812.2	4122100	9.95979	56.22	313.5	1.5	ANNUAL	SRCGP5	5
605832.2	4122100	11.18102	55.9	313.5	1.5	ANNUAL	SRCGP5	5
605852.2	4122100	12.60149	56.57	313.5	1.5	ANNUAL	SRCGP5	5
605872.2	4122100	14.21087	57.11	313.5	1.5	ANNUAL	SRCGP5	5
605892.2	4122100	16.04944	56.55	313.5	1.5	ANNUAL	SRCGP5	5
605912.2	4122100	18.09226	56.81	313.5	1.5	ANNUAL	SRCGP5	5
606572.2	4122100	3.37831	59.9	59.9	1.5	ANNUAL	SRCGP5	5

606592.2	4122100	3.1614	59.6	59.6	1.5	ANNUAL	SRCGP5	5
606612.2	4122100	2.95971	59.76	59.76	1.5	ANNUAL	SRCGP5	5
606632.2	4122100	2.77623	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606652.2	4122100	2.60878	59.93	59.93	1.5	ANNUAL	SRCGP5	5
606672.2	4122100	2.45587	60.02	60.02	1.5	ANNUAL	SRCGP5	5
606692.2	4122100	2.31612	60.02	60.02	1.5	ANNUAL	SRCGP5	5
606712.2	4122100	2.18887	59.86	59.86	1.5	ANNUAL	SRCGP5	5
606852.2	4122100	1.53547	60.08	60.08	1.5	ANNUAL	SRCGP5	5
606872.2	4122100	1.46787	60.09	60.09	1.5	ANNUAL	SRCGP5	5
606892.2	4122100	1.40416	60.5	60.5	1.5	ANNUAL	SRCGP5	5
606912.2	4122100	1.34589	60.39	60.39	1.5	ANNUAL	SRCGP5	5
606932.2	4122100	1.29179	60.04	60.04	1.5	ANNUAL	SRCGP5	5
605632.2	4122120	4.38756	55.07	313.48	1.5	ANNUAL	SRCGP5	5
605652.2	4122120	4.77463	55.54	313.48	1.5	ANNUAL	SRCGP5	5
605672.2	4122120	5.20894	55.64	313.48	1.5	ANNUAL	SRCGP5	5
605692.2	4122120	5.69558	55.21	313.48	1.5	ANNUAL	SRCGP5	5
605712.2	4122120	6.2619	55.84	313.48	1.5	ANNUAL	SRCGP5	5
605732.2	4122120	6.90285	56.25	313.48	1.5	ANNUAL	SRCGP5	5
605752.2	4122120	7.62415	55.78	313.49	1.5	ANNUAL	SRCGP5	5
605772.2	4122120	8.45649	56.01	313.49	1.5	ANNUAL	SRCGP5	5
605792.2	4122120	9.40422	56.41	313.48	1.5	ANNUAL	SRCGP5	5
605812.2	4122120	10.47806	56.21	313.49	1.5	ANNUAL	SRCGP5	5
605832.2	4122120	11.68876	56.07	313.49	1.5	ANNUAL	SRCGP5	5
605852.2	4122120	13.05329	56.68	313.49	1.5	ANNUAL	SRCGP5	5
605872.2	4122120	14.5575	57.19	313.48	1.5	ANNUAL	SRCGP5	5
605992.2	4122120	25.15907	56.39	313.5	1.5	ANNUAL	SRCGP5	5
606012.2	4122120	26.44876	56.49	313.5	1.5	ANNUAL	SRCGP5	5
606032.2	4122120	27.26933	56.49	313.5	1.5	ANNUAL	SRCGP5	5
606052.2	4122120	27.50519	56.56	313.5	1.5	ANNUAL	SRCGP5	5
606512.2	4122120	3.90636	59.65	59.65	1.5	ANNUAL	SRCGP5	5
606532.2	4122120	3.65676	59.75	59.75	1.5	ANNUAL	SRCGP5	5
606552.2	4122120	3.4259	59.79	59.79	1.5	ANNUAL	SRCGP5	5
606572.2	4122120	3.21302	59.76	59.76	1.5	ANNUAL	SRCGP5	5
606592.2	4122120	3.01722	59.62	59.62	1.5	ANNUAL	SRCGP5	5
606772.2	4122120	1.8117	59.99	59.99	1.5	ANNUAL	SRCGP5	5
606792.2	4122120	1.72416	59.97	59.97	1.5	ANNUAL	SRCGP5	5
606812.2	4122120	1.6432	59.86	59.86	1.5	ANNUAL	SRCGP5	5
606852.2	4122120	1.49727	60.05	60.05	1.5	ANNUAL	SRCGP5	5
606872.2	4122120	1.43192	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606892.2	4122120	1.37068	60.26	60.26	1.5	ANNUAL	SRCGP5	5
606912.2	4122120	1.31411	60.16	60.16	1.5	ANNUAL	SRCGP5	5
605632.2	4122140	4.6514	55.08	312.88	1.5	ANNUAL	SRCGP5	5
605652.2	4122140	5.06277	55.55	312.88	1.5	ANNUAL	SRCGP5	5
605672.2	4122140	5.52001	55.41	313.48	1.5	ANNUAL	SRCGP5	5
605692.2	4122140	6.03462	55.22	313.48	1.5	ANNUAL	SRCGP5	5
605712.2	4122140	6.62555	55.78	313.48	1.5	ANNUAL	SRCGP5	5
605732.2	4122140	7.28996	56.21	312.88	1.5	ANNUAL	SRCGP5	5
605752.2	4122140	8.02676	55.7	313.48	1.5	ANNUAL	SRCGP5	5
605772.2	4122140	8.86989	56.11	313.48	1.5	ANNUAL	SRCGP5	5
605792.2	4122140	9.80841	56.46	313.48	1.5	ANNUAL	SRCGP5	5
605812.2	4122140	10.8505	56.13	313.48	1.5	ANNUAL	SRCGP5	5
605832.2	4122140	12.00388	56.24	313.48	1.5	ANNUAL	SRCGP5	5
605852.2	4122140	13.25868	56.73	313.48	1.5	ANNUAL	SRCGP5	5
605932.2	4122140	18.96142	56.22	313.48	1.5	ANNUAL	SRCGP5	5
605952.2	4122140	20.34514	56.11	313.48	1.5	ANNUAL	SRCGP5	5
605972.2	4122140	21.59075	56.35	313.48	1.5	ANNUAL	SRCGP5	5
605992.2	4122140	22.59204	56.34	313.48	1.5	ANNUAL	SRCGP5	5
606012.2	4122140	23.2611	56.31	313.48	1.5	ANNUAL	SRCGP5	5
606032.2	4122140	23.51826	56.32	313.48	1.5	ANNUAL	SRCGP5	5
606052.2	4122140	23.32437	56.32	313.48	1.5	ANNUAL	SRCGP5	5
606072.2	4122140	22.70539	56.51	313.48	1.5	ANNUAL	SRCGP5	5
606132.2	4122140	19.35615	58.06	58.06	1.5	ANNUAL	SRCGP5	5
606152.2	4122140	18.12028	58.04	58.04	1.5	ANNUAL	SRCGP5	5

606172.2	4122140	16.78608	58.19	58.19	1.5	ANNUAL	SRCGP5	5
606652.2	4122140	2.41742	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606672.2	4122140	2.28635	59.96	59.96	1.5	ANNUAL	SRCGP5	5
606712.2	4122140	2.05272	60.03	60.03	1.5	ANNUAL	SRCGP5	5
606732.2	4122140	1.94866	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606752.2	4122140	1.85221	59.97	59.97	1.5	ANNUAL	SRCGP5	5
606772.2	4122140	1.76222	60.02	60.02	1.5	ANNUAL	SRCGP5	5
606792.2	4122140	1.67867	60.03	60.03	1.5	ANNUAL	SRCGP5	5
606812.2	4122140	1.60207	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606832.2	4122140	1.52873	60.06	60.06	1.5	ANNUAL	SRCGP5	5
606852.2	4122140	1.46165	59.93	59.93	1.5	ANNUAL	SRCGP5	5
605632.2	4122160	4.91163	55.27	292.97	1.5	ANNUAL	SRCGP5	5
605652.2	4122160	5.34139	55.59	292.97	1.5	ANNUAL	SRCGP5	5
605672.2	4122160	5.81682	55.4	292.97	1.5	ANNUAL	SRCGP5	5
605692.2	4122160	6.3503	55.38	292.97	1.5	ANNUAL	SRCGP5	5
605712.2	4122160	6.95401	55.91	292.97	1.5	ANNUAL	SRCGP5	5
605732.2	4122160	7.62165	56.02	292.97	1.5	ANNUAL	SRCGP5	5
605752.2	4122160	8.3548	55.6	292.97	1.5	ANNUAL	SRCGP5	5
605772.2	4122160	9.18293	56.19	292.97	1.5	ANNUAL	SRCGP5	5
605792.2	4122160	10.08125	56.42	292.97	1.5	ANNUAL	SRCGP5	5
605812.2	4122160	11.05255	55.93	292.97	1.5	ANNUAL	SRCGP5	5
605832.2	4122160	12.10878	56.28	292.97	1.5	ANNUAL	SRCGP5	5
605912.2	4122160	16.70208	56.36	292.97	1.5	ANNUAL	SRCGP5	5
605932.2	4122160	17.79208	56.3	292.97	1.5	ANNUAL	SRCGP5	5
605952.2	4122160	18.75999	56.12	292.97	1.5	ANNUAL	SRCGP5	5
605972.2	4122160	19.55195	56.11	292.97	1.5	ANNUAL	SRCGP5	5
605992.2	4122160	20.10833	56.22	292.97	1.5	ANNUAL	SRCGP5	5
606012.2	4122160	20.35724	56.15	56.15	1.5	ANNUAL	SRCGP5	5
606032.2	4122160	20.27856	56.14	56.14	1.5	ANNUAL	SRCGP5	5
606052.2	4122160	19.8784	56.19	56.19	1.5	ANNUAL	SRCGP5	5
606072.2	4122160	19.20169	56.49	56.49	1.5	ANNUAL	SRCGP5	5
606132.2	4122160	16.40255	58.03	58.03	1.5	ANNUAL	SRCGP5	5
606152.2	4122160	15.41188	58.1	58.1	1.5	ANNUAL	SRCGP5	5
606172.2	4122160	14.34033	58.22	58.22	1.5	ANNUAL	SRCGP5	5
606512.2	4122160	3.41173	59.43	59.43	1.5	ANNUAL	SRCGP5	5
606532.2	4122160	3.22611	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606552.2	4122160	3.05259	59.57	59.57	1.5	ANNUAL	SRCGP5	5
606652.2	4122160	2.32177	59.85	59.85	1.5	ANNUAL	SRCGP5	5
606672.2	4122160	2.2022	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606712.2	4122160	1.98601	60	60	1.5	ANNUAL	SRCGP5	5
606732.2	4122160	1.88893	60	60	1.5	ANNUAL	SRCGP5	5
606752.2	4122160	1.79842	59.96	59.96	1.5	ANNUAL	SRCGP5	5
606772.2	4122160	1.71399	59.93	59.93	1.5	ANNUAL	SRCGP5	5
606792.2	4122160	1.63507	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606872.2	4122160	1.36759	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606892.2	4122160	1.31106	59.78	59.78	1.5	ANNUAL	SRCGP5	5
606912.2	4122160	1.25782	59.92	59.92	1.5	ANNUAL	SRCGP5	5
605632.2	4122180	5.15666	55.2	292.97	1.5	ANNUAL	SRCGP5	5
605652.2	4122180	5.59796	55.38	292.97	1.5	ANNUAL	SRCGP5	5
605672.2	4122180	6.08354	55.24	292.97	1.5	ANNUAL	SRCGP5	5
605692.2	4122180	6.62435	55.35	292.97	1.5	ANNUAL	SRCGP5	5
605712.2	4122180	7.2244	55.68	292.97	1.5	ANNUAL	SRCGP5	5
605732.2	4122180	7.88056	55.8	292.97	1.5	ANNUAL	SRCGP5	5
605752.2	4122180	8.59016	55.52	292.97	1.5	ANNUAL	SRCGP5	5
605772.2	4122180	9.37615	56.14	292.97	1.5	ANNUAL	SRCGP5	5
605792.2	4122180	10.20885	56.17	292.97	1.5	ANNUAL	SRCGP5	5
605812.2	4122180	11.08308	55.81	292.97	1.5	ANNUAL	SRCGP5	5
605832.2	4122180	12.01439	56.34	292.97	1.5	ANNUAL	SRCGP5	5
605892.2	4122180	14.83801	56.39	292.97	1.5	ANNUAL	SRCGP5	5
605912.2	4122180	15.70809	56.41	292.97	1.5	ANNUAL	SRCGP5	5
605932.2	4122180	16.48425	56.21	292.97	1.5	ANNUAL	SRCGP5	5
605952.2	4122180	17.12265	56.29	292.97	1.5	ANNUAL	SRCGP5	5
605972.2	4122180	17.58139	56.37	56.37	1.5	ANNUAL	SRCGP5	5

605992.2	4122180	17.81904	56.33	56.33	1.5	ANNUAL	SRCGP5	5
606012.2	4122180	17.80916	56.21	56.21	1.5	ANNUAL	SRCGP5	5
606032.2	4122180	17.54743	56.22	56.22	1.5	ANNUAL	SRCGP5	5
606052.2	4122180	17.06202	56.22	56.22	1.5	ANNUAL	SRCGP5	5
606132.2	4122180	14.095	58.08	58.08	1.5	ANNUAL	SRCGP5	5
606152.2	4122180	13.2892	58.13	58.13	1.5	ANNUAL	SRCGP5	5
606172.2	4122180	12.41183	58.22	58.22	1.5	ANNUAL	SRCGP5	5
606332.2	4122180	5.76412	58.8	58.8	1.5	ANNUAL	SRCGP5	5
606352.2	4122180	5.29364	57.63	59.63	1.5	ANNUAL	SRCGP5	5
606672.2	4122180	2.11845	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606712.2	4122180	1.9193	59.93	59.93	1.5	ANNUAL	SRCGP5	5
606812.2	4122180	1.52195	59.66	59.66	1.5	ANNUAL	SRCGP5	5
606832.2	4122180	1.45611	59.71	59.71	1.5	ANNUAL	SRCGP5	5
606852.2	4122180	1.39462	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606872.2	4122180	1.33682	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606892.2	4122180	1.28244	59.9	59.9	1.5	ANNUAL	SRCGP5	5
606912.2	4122180	1.23147	59.94	59.94	1.5	ANNUAL	SRCGP5	5
605872.2	4122200	13.28082	56.28	292.97	1.5	ANNUAL	SRCGP5	5
605892.2	4122200	13.98556	56.46	292.97	1.5	ANNUAL	SRCGP5	5
605912.2	4122200	14.61491	56.3	56.3	1.5	ANNUAL	SRCGP5	5
605932.2	4122200	15.13726	56.19	56.19	1.5	ANNUAL	SRCGP5	5
605952.2	4122200	15.52284	56.27	56.27	1.5	ANNUAL	SRCGP5	5
605972.2	4122200	15.74176	56.31	56.31	1.5	ANNUAL	SRCGP5	5
605992.2	4122200	15.77203	56.25	56.25	1.5	ANNUAL	SRCGP5	5
606012.2	4122200	15.60619	56.2	56.2	1.5	ANNUAL	SRCGP5	5
606032.2	4122200	15.25698	56.22	56.22	1.5	ANNUAL	SRCGP5	5
606052.2	4122200	14.76229	56.26	56.26	1.5	ANNUAL	SRCGP5	5
606072.2	4122200	14.17639	56.49	56.49	1.5	ANNUAL	SRCGP5	5
606132.2	4122200	12.26399	57.98	57.98	1.5	ANNUAL	SRCGP5	5
606152.2	4122200	11.59342	58.09	58.09	1.5	ANNUAL	SRCGP5	5
606172.2	4122200	10.8627	58.17	58.17	1.5	ANNUAL	SRCGP5	5
606332.2	4122200	5.30243	57.98	57.98	1.5	ANNUAL	SRCGP5	5
606352.2	4122200	4.87971	57.32	57.32	1.5	ANNUAL	SRCGP5	5
606672.2	4122200	2.03508	59.39	59.39	1.5	ANNUAL	SRCGP5	5
606752.2	4122200	1.6911	59.75	59.75	1.5	ANNUAL	SRCGP5	5
606772.2	4122200	1.61712	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606792.2	4122200	1.54709	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606812.2	4122200	1.48161	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606832.2	4122200	1.41987	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606852.2	4122200	1.36125	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606872.2	4122200	1.30622	59.94	59.94	1.5	ANNUAL	SRCGP5	5
606892.2	4122200	1.25473	59.84	59.84	1.5	ANNUAL	SRCGP5	5
605872.2	4122220	12.54401	56.62	56.62	1.5	ANNUAL	SRCGP5	5
605892.2	4122220	13.06162	56.43	56.43	1.5	ANNUAL	SRCGP5	5
605912.2	4122220	13.49494	56.32	56.32	1.5	ANNUAL	SRCGP5	5
605932.2	4122220	13.82187	56.33	56.33	1.5	ANNUAL	SRCGP5	5
605952.2	4122220	14.02086	56.25	56.25	1.5	ANNUAL	SRCGP5	5
605972.2	4122220	14.07426	56.31	56.31	1.5	ANNUAL	SRCGP5	5
605992.2	4122220	13.97333	56.27	56.27	1.5	ANNUAL	SRCGP5	5
606012.2	4122220	13.72312	56.21	56.21	1.5	ANNUAL	SRCGP5	5
606032.2	4122220	13.34533	56.24	56.24	1.5	ANNUAL	SRCGP5	5
606052.2	4122220	12.87909	56.33	56.33	1.5	ANNUAL	SRCGP5	5
606132.2	4122220	10.77503	58.08	58.08	1.5	ANNUAL	SRCGP5	5
606152.2	4122220	10.2104	58.18	58.18	1.5	ANNUAL	SRCGP5	5
606172.2	4122220	9.59386	58.24	58.24	1.5	ANNUAL	SRCGP5	5
606292.2	4122220	5.78404	58.14	58.14	1.5	ANNUAL	SRCGP5	5
606712.2	4122220	1.78523	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606732.2	4122220	1.70885	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606752.2	4122220	1.63628	59.94	59.94	1.5	ANNUAL	SRCGP5	5
606772.2	4122220	1.56783	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606792.2	4122220	1.50292	59.85	59.85	1.5	ANNUAL	SRCGP5	5
606812.2	4122220	1.44122	59.87	59.87	1.5	ANNUAL	SRCGP5	5
605872.2	4122240	11.75516	56.67	56.67	1.5	ANNUAL	SRCGP5	5

605892.2	4122240	12.1187	56.56	56.56	1.5	ANNUAL	SRCGP5	5
605912.2	4122240	12.39875	56.42	56.42	1.5	ANNUAL	SRCGP5	5
605932.2	4122240	12.57814	56.53	56.53	1.5	ANNUAL	SRCGP5	5
605952.2	4122240	12.64398	56.55	56.55	1.5	ANNUAL	SRCGP5	5
605972.2	4122240	12.58743	56.56	56.56	1.5	ANNUAL	SRCGP5	5
605992.2	4122240	12.4091	56.53	56.53	1.5	ANNUAL	SRCGP5	5
606012.2	4122240	12.12101	56.52	56.52	1.5	ANNUAL	SRCGP5	5
606032.2	4122240	11.74896	56.51	56.51	1.5	ANNUAL	SRCGP5	5
606052.2	4122240	11.32818	56.55	56.55	1.5	ANNUAL	SRCGP5	5
606132.2	4122240	9.55385	58.09	58.09	1.5	ANNUAL	SRCGP5	5
606152.2	4122240	9.07002	58.24	58.24	1.5	ANNUAL	SRCGP5	5
606192.2	4122240	7.98034	58.15	58.15	1.5	ANNUAL	SRCGP5	5
606292.2	4122240	5.29775	58.3	58.3	1.5	ANNUAL	SRCGP5	5
606312.2	4122240	4.88455	58.39	58.39	1.5	ANNUAL	SRCGP5	5
606332.2	4122240	4.51302	58.48	58.48	1.5	ANNUAL	SRCGP5	5
606352.2	4122240	4.18007	58.51	58.51	1.5	ANNUAL	SRCGP5	5
606392.2	4122240	3.61469	59.07	59.07	1.5	ANNUAL	SRCGP5	5
606412.2	4122240	3.38456	59.06	59.06	1.5	ANNUAL	SRCGP5	5
606452.2	4122240	3.01109	59.25	59.25	1.5	ANNUAL	SRCGP5	5
606472.2	4122240	2.85996	59.43	59.43	1.5	ANNUAL	SRCGP5	5
606712.2	4122240	1.71829	59.9	59.9	1.5	ANNUAL	SRCGP5	5
606732.2	4122240	1.6485	59.92	59.92	1.5	ANNUAL	SRCGP5	5
606752.2	4122240	1.58208	59.88	59.88	1.5	ANNUAL	SRCGP5	5
605852.2	4122260	10.64209	57.05	57.05	1.5	ANNUAL	SRCGP5	5
605872.2	4122260	10.9472	57.21	57.21	1.5	ANNUAL	SRCGP5	5
605892.2	4122260	11.18615	57.32	57.32	1.5	ANNUAL	SRCGP5	5
605912.2	4122260	11.34681	57.38	57.38	1.5	ANNUAL	SRCGP5	5
605932.2	4122260	11.4163	57.5	57.5	1.5	ANNUAL	SRCGP5	5
605952.2	4122260	11.38926	57.52	57.52	1.5	ANNUAL	SRCGP5	5
605972.2	4122260	11.26025	57.67	57.67	1.5	ANNUAL	SRCGP5	5
605992.2	4122260	11.03988	57.72	57.72	1.5	ANNUAL	SRCGP5	5
606012.2	4122260	10.74422	57.69	57.69	1.5	ANNUAL	SRCGP5	5
606032.2	4122260	10.39713	57.73	57.73	1.5	ANNUAL	SRCGP5	5
606052.2	4122260	10.02569	57.78	57.78	1.5	ANNUAL	SRCGP5	5
606132.2	4122260	8.54415	57.6	57.6	1.5	ANNUAL	SRCGP5	5
606152.2	4122260	8.1223	58.06	58.06	1.5	ANNUAL	SRCGP5	5
606172.2	4122260	7.6661	58.21	58.21	1.5	ANNUAL	SRCGP5	5
606192.2	4122260	7.17967	58.18	58.18	1.5	ANNUAL	SRCGP5	5
606212.2	4122260	6.68011	58.08	58.08	1.5	ANNUAL	SRCGP5	5
606292.2	4122260	4.87514	58.24	58.24	1.5	ANNUAL	SRCGP5	5
606312.2	4122260	4.51309	58.44	58.44	1.5	ANNUAL	SRCGP5	5
606332.2	4122260	4.18583	58.62	58.62	1.5	ANNUAL	SRCGP5	5
606352.2	4122260	3.89017	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606392.2	4122260	3.38182	59.36	59.36	1.5	ANNUAL	SRCGP5	5
606412.2	4122260	3.17022	59.46	59.46	1.5	ANNUAL	SRCGP5	5
606452.2	4122260	2.82193	59.75	59.75	1.5	ANNUAL	SRCGP5	5
606472.2	4122260	2.6813	59.81	59.81	1.5	ANNUAL	SRCGP5	5
606712.2	4122260	1.65256	59.71	59.71	1.5	ANNUAL	SRCGP5	5
605852.2	4122280	9.95279	57.17	57.17	1.5	ANNUAL	SRCGP5	5
605872.2	4122280	10.13927	58.52	58.52	1.5	ANNUAL	SRCGP5	5
605892.2	4122280	10.27425	58.94	58.94	1.5	ANNUAL	SRCGP5	5
605912.2	4122280	10.36215	58.28	59.19	1.5	ANNUAL	SRCGP5	5
605932.2	4122280	10.36889	57.6	57.6	1.5	ANNUAL	SRCGP5	5
605952.2	4122280	10.28176	57.58	57.58	1.5	ANNUAL	SRCGP5	5
605972.2	4122280	10.11173	57.77	57.77	1.5	ANNUAL	SRCGP5	5
605992.2	4122280	9.87476	57.82	57.82	1.5	ANNUAL	SRCGP5	5
606012.2	4122280	9.59026	57.78	57.78	1.5	ANNUAL	SRCGP5	5
606032.2	4122280	9.27586	57.81	57.81	1.5	ANNUAL	SRCGP5	5
606052.2	4122280	8.95022	58.08	58.08	1.5	ANNUAL	SRCGP5	5
606172.2	4122280	6.9226	58.06	58.06	1.5	ANNUAL	SRCGP5	5
606192.2	4122280	6.49953	58.2	58.2	1.5	ANNUAL	SRCGP5	5
606212.2	4122280	6.06833	58.15	58.15	1.5	ANNUAL	SRCGP5	5
606232.2	4122280	5.6408	58.18	58.18	1.5	ANNUAL	SRCGP5	5

606292.2	4122280	4.50165	58.3	58.3	1.5	ANNUAL	SRCGP5	5
606312.2	4122280	4.18361	58.48	58.48	1.5	ANNUAL	SRCGP5	5
606332.2	4122280	3.89481	58.66	58.66	1.5	ANNUAL	SRCGP5	5
606352.2	4122280	3.63205	58.83	58.83	1.5	ANNUAL	SRCGP5	5
606372.2	4122280	3.39232	59.12	59.12	1.5	ANNUAL	SRCGP5	5
606392.2	4122280	3.17485	59.4	59.4	1.5	ANNUAL	SRCGP5	5
606412.2	4122280	2.9814	59.45	59.45	1.5	ANNUAL	SRCGP5	5
606432.2	4122280	2.80913	59.54	59.54	1.5	ANNUAL	SRCGP5	5
606452.2	4122280	2.65687	59.75	59.75	1.5	ANNUAL	SRCGP5	5
606472.2	4122280	2.52465	59.79	59.79	1.5	ANNUAL	SRCGP5	5
606492.2	4122280	2.40914	59.75	59.75	1.5	ANNUAL	SRCGP5	5
606512.2	4122280	2.30716	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606532.2	4122280	2.21596	59.51	59.51	1.5	ANNUAL	SRCGP5	5
606552.2	4122280	2.13327	59.15	59.15	1.5	ANNUAL	SRCGP5	5
606572.2	4122280	2.05483	59.16	59.16	1.5	ANNUAL	SRCGP5	5
606892.2	4122280	1.14218	59.51	59.51	1.5	ANNUAL	SRCGP5	5
606912.2	4122280	1.1024	59.68	59.68	1.5	ANNUAL	SRCGP5	5
605632.2	4122300	5.92534	55.35	55.35	1.5	ANNUAL	SRCGP5	5
605652.2	4122300	6.26746	55.4	55.4	1.5	ANNUAL	SRCGP5	5
605672.2	4122300	6.62187	55.97	55.97	1.5	ANNUAL	SRCGP5	5
605692.2	4122300	6.97409	56.08	56.08	1.5	ANNUAL	SRCGP5	5
605852.2	4122300	9.27934	56.96	56.96	1.5	ANNUAL	SRCGP5	5
605872.2	4122300	9.38608	58.66	58.66	1.5	ANNUAL	SRCGP5	5
605892.2	4122300	9.42881	59.9	59.9	1.5	ANNUAL	SRCGP5	5
605912.2	4122300	9.45664	59.11	59.11	1.5	ANNUAL	SRCGP5	5
605932.2	4122300	9.42297	57.78	57.78	1.5	ANNUAL	SRCGP5	5
605952.2	4122300	9.29817	57.67	57.67	1.5	ANNUAL	SRCGP5	5
605972.2	4122300	9.10938	57.77	57.77	1.5	ANNUAL	SRCGP5	5
605992.2	4122300	8.87385	57.81	57.81	1.5	ANNUAL	SRCGP5	5
606012.2	4122300	8.60848	57.78	57.78	1.5	ANNUAL	SRCGP5	5
606032.2	4122300	8.32964	57.79	57.79	1.5	ANNUAL	SRCGP5	5
606052.2	4122300	8.05034	57.96	57.96	1.5	ANNUAL	SRCGP5	5
606292.2	4122300	4.17147	58.39	58.39	1.5	ANNUAL	SRCGP5	5
606312.2	4122300	3.88928	58.65	58.65	1.5	ANNUAL	SRCGP5	5
606332.2	4122300	3.63276	58.85	58.85	1.5	ANNUAL	SRCGP5	5
606352.2	4122300	3.3996	58.89	58.89	1.5	ANNUAL	SRCGP5	5
606392.2	4122300	2.98779	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606412.2	4122300	2.81099	59.49	59.49	1.5	ANNUAL	SRCGP5	5
606432.2	4122300	2.65111	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606452.2	4122300	2.50917	59.81	59.81	1.5	ANNUAL	SRCGP5	5
606472.2	4122300	2.38473	59.79	59.79	1.5	ANNUAL	SRCGP5	5
606492.2	4122300	2.27506	59.85	59.85	1.5	ANNUAL	SRCGP5	5
606512.2	4122300	2.17858	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606832.2	4122300	1.2352	59.44	59.44	1.5	ANNUAL	SRCGP5	5
606852.2	4122300	1.1925	59.77	59.77	1.5	ANNUAL	SRCGP5	5
606872.2	4122300	1.15212	59.64	59.64	1.5	ANNUAL	SRCGP5	5
606892.2	4122300	1.1132	59.72	59.72	1.5	ANNUAL	SRCGP5	5
606912.2	4122300	1.07591	59.72	59.72	1.5	ANNUAL	SRCGP5	5
605632.2	4122320	5.8985	55.6	55.6	1.5	ANNUAL	SRCGP5	5
605652.2	4122320	6.20704	55.89	55.89	1.5	ANNUAL	SRCGP5	5
605672.2	4122320	6.51617	56.38	56.38	1.5	ANNUAL	SRCGP5	5
605692.2	4122320	6.82021	56.37	56.37	1.5	ANNUAL	SRCGP5	5
605772.2	4122320	7.92716	56.92	56.92	1.5	ANNUAL	SRCGP5	5
605792.2	4122320	8.15371	56.99	56.99	1.5	ANNUAL	SRCGP5	5
605852.2	4122320	8.62514	57.46	59.49	1.5	ANNUAL	SRCGP5	5
605872.2	4122320	8.66681	59.31	59.31	1.5	ANNUAL	SRCGP5	5
605892.2	4122320	8.67748	59.62	59.62	1.5	ANNUAL	SRCGP5	5
605912.2	4122320	8.642	59.48	59.48	1.5	ANNUAL	SRCGP5	5
605932.2	4122320	8.57561	57.87	57.87	1.5	ANNUAL	SRCGP5	5
605952.2	4122320	8.43361	57.34	57.34	1.5	ANNUAL	SRCGP5	5
605972.2	4122320	8.23574	57.74	57.74	1.5	ANNUAL	SRCGP5	5
605992.2	4122320	8.01022	57.8	57.8	1.5	ANNUAL	SRCGP5	5
606012.2	4122320	7.76836	57.84	57.84	1.5	ANNUAL	SRCGP5	5

606032.2	4122320	7.52369	57.86	57.86	1.5	ANNUAL	SRCGP5	5
606392.2	4122320	2.81809	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606412.2	4122320	2.65645	59.52	59.52	1.5	ANNUAL	SRCGP5	5
606432.2	4122320	2.50962	59.54	59.54	1.5	ANNUAL	SRCGP5	5
606452.2	4122320	2.37581	59.91	59.91	1.5	ANNUAL	SRCGP5	5
606472.2	4122320	2.25894	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606752.2	4122320	1.36893	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606772.2	4122320	1.32351	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606792.2	4122320	1.28001	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606812.2	4122320	1.23809	59.77	59.77	1.5	ANNUAL	SRCGP5	5
606832.2	4122320	1.19746	59.72	59.72	1.5	ANNUAL	SRCGP5	5
606852.2	4122320	1.15806	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606872.2	4122320	1.12056	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606892.2	4122320	1.08419	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606912.2	4122320	1.04918	59.68	59.68	1.5	ANNUAL	SRCGP5	5
605632.2	4122340	5.83103	56.01	56.01	1.5	ANNUAL	SRCGP5	5
605652.2	4122340	6.09943	55.94	55.94	1.5	ANNUAL	SRCGP5	5
605672.2	4122340	6.36714	56.2	56.2	1.5	ANNUAL	SRCGP5	5
605692.2	4122340	6.62646	56.23	56.23	1.5	ANNUAL	SRCGP5	5
605712.2	4122340	6.87578	56.38	56.38	1.5	ANNUAL	SRCGP5	5
605732.2	4122340	7.10809	57.25	57.25	1.5	ANNUAL	SRCGP5	5
605752.2	4122340	7.31649	58.37	58.37	1.5	ANNUAL	SRCGP5	5
605772.2	4122340	7.51346	58.35	58.8	1.5	ANNUAL	SRCGP5	5
605792.2	4122340	7.68224	58.55	58.55	1.5	ANNUAL	SRCGP5	5
605812.2	4122340	7.82732	58.25	59.98	1.5	ANNUAL	SRCGP5	5
605832.2	4122340	7.93639	58.07	59.98	1.5	ANNUAL	SRCGP5	5
605852.2	4122340	7.99798	58.53	58.53	1.5	ANNUAL	SRCGP5	5
605872.2	4122340	8.00402	59.58	59.58	1.5	ANNUAL	SRCGP5	5
605892.2	4122340	7.98117	59.57	59.57	1.5	ANNUAL	SRCGP5	5
605912.2	4122340	7.90839	59.66	59.66	1.5	ANNUAL	SRCGP5	5
605932.2	4122340	7.81338	58.34	59	1.5	ANNUAL	SRCGP5	5
605952.2	4122340	7.66235	57.77	57.77	1.5	ANNUAL	SRCGP5	5
605972.2	4122340	7.47247	57.8	57.8	1.5	ANNUAL	SRCGP5	5
606692.2	4122340	1.44772	59.65	59.65	1.5	ANNUAL	SRCGP5	5
606712.2	4122340	1.40291	59.94	59.94	1.5	ANNUAL	SRCGP5	5
606732.2	4122340	1.35951	60.06	60.06	1.5	ANNUAL	SRCGP5	5
606752.2	4122340	1.31779	59.81	59.81	1.5	ANNUAL	SRCGP5	5
606772.2	4122340	1.27662	59.86	59.86	1.5	ANNUAL	SRCGP5	5
606792.2	4122340	1.23691	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606812.2	4122340	1.19814	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606832.2	4122340	1.16072	59.57	59.57	1.5	ANNUAL	SRCGP5	5
606852.2	4122340	1.12422	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606872.2	4122340	1.08892	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606892.2	4122340	1.05515	59.63	59.63	1.5	ANNUAL	SRCGP5	5
606912.2	4122340	1.02232	59.66	59.66	1.5	ANNUAL	SRCGP5	5
605632.2	4122360	5.72405	55.97	55.97	1.5	ANNUAL	SRCGP5	5
605652.2	4122360	5.957	55.94	55.94	1.5	ANNUAL	SRCGP5	5
605672.2	4122360	6.18589	56.31	56.31	1.5	ANNUAL	SRCGP5	5
605692.2	4122360	6.40369	56.4	56.4	1.5	ANNUAL	SRCGP5	5
605712.2	4122360	6.60939	56.57	56.57	1.5	ANNUAL	SRCGP5	5
605732.2	4122360	6.79687	57.31	57.31	1.5	ANNUAL	SRCGP5	5
605752.2	4122360	6.95578	58.82	58.82	1.5	ANNUAL	SRCGP5	5
605772.2	4122360	7.09251	59.8	59.8	1.5	ANNUAL	SRCGP5	5
605792.2	4122360	7.21922	59.68	59.68	1.5	ANNUAL	SRCGP5	5
605812.2	4122360	7.30885	60.07	60.07	1.5	ANNUAL	SRCGP5	5
605832.2	4122360	7.37688	59.81	59.81	1.5	ANNUAL	SRCGP5	5
605852.2	4122360	7.41075	59.43	59.43	1.5	ANNUAL	SRCGP5	5
605872.2	4122360	7.39671	59.58	59.58	1.5	ANNUAL	SRCGP5	5
605892.2	4122360	7.34396	59.6	59.6	1.5	ANNUAL	SRCGP5	5
605912.2	4122360	7.247	59.85	59.85	1.5	ANNUAL	SRCGP5	5
605952.2	4122360	6.98889	57.6	57.6	1.5	ANNUAL	SRCGP5	5
606632.2	4122360	1.51535	59.49	59.49	1.5	ANNUAL	SRCGP5	5
606652.2	4122360	1.47003	59.85	59.85	1.5	ANNUAL	SRCGP5	5

606672.2	4122360	1.42707	59.95	59.95	1.5	ANNUAL	SRCGP5	5
606692.2	4122360	1.3856	60.03	60.03	1.5	ANNUAL	SRCGP5	5
606712.2	4122360	1.34588	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606732.2	4122360	1.30637	59.9	59.9	1.5	ANNUAL	SRCGP5	5
606772.2	4122360	1.23096	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606792.2	4122360	1.19449	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606812.2	4122360	1.15887	59.52	59.52	1.5	ANNUAL	SRCGP5	5
606832.2	4122360	1.12404	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606852.2	4122360	1.09058	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606872.2	4122360	1.05755	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606892.2	4122360	1.02614	59.57	59.57	1.5	ANNUAL	SRCGP5	5
606912.2	4122360	0.99561	59.46	59.46	1.5	ANNUAL	SRCGP5	5
605632.2	4122380	5.58957	56.18	56.18	1.5	ANNUAL	SRCGP5	5
605652.2	4122380	5.78869	56.08	56.08	1.5	ANNUAL	SRCGP5	5
605672.2	4122380	5.98084	56.46	56.46	1.5	ANNUAL	SRCGP5	5
605692.2	4122380	6.16137	56.65	56.65	1.5	ANNUAL	SRCGP5	5
605712.2	4122380	6.32882	56.74	56.74	1.5	ANNUAL	SRCGP5	5
605732.2	4122380	6.47702	57.49	57.49	1.5	ANNUAL	SRCGP5	5
605752.2	4122380	6.59653	59.04	59.04	1.5	ANNUAL	SRCGP5	5
605772.2	4122380	6.70122	59.6	59.6	1.5	ANNUAL	SRCGP5	5
605792.2	4122380	6.7863	59.77	59.77	1.5	ANNUAL	SRCGP5	5
605812.2	4122380	6.84229	60.03	60.03	1.5	ANNUAL	SRCGP5	5
605832.2	4122380	6.87816	59.64	59.64	1.5	ANNUAL	SRCGP5	5
605852.2	4122380	6.87602	59.58	59.58	1.5	ANNUAL	SRCGP5	5
605872.2	4122380	6.83751	59.63	59.63	1.5	ANNUAL	SRCGP5	5
605892.2	4122380	6.76524	59.6	59.6	1.5	ANNUAL	SRCGP5	5
605912.2	4122380	6.65923	59.63	59.63	1.5	ANNUAL	SRCGP5	5
606572.2	4122380	1.5886	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606592.2	4122380	1.53693	59.66	59.66	1.5	ANNUAL	SRCGP5	5
606612.2	4122380	1.48976	59.72	59.72	1.5	ANNUAL	SRCGP5	5
606632.2	4122380	1.44611	59.71	59.71	1.5	ANNUAL	SRCGP5	5
606652.2	4122380	1.40478	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606752.2	4122380	1.22043	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606772.2	4122380	1.18591	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606792.2	4122380	1.15246	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606812.2	4122380	1.12006	59.63	59.63	1.5	ANNUAL	SRCGP5	5
606832.2	4122380	1.08817	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606852.2	4122380	1.05719	59.41	59.41	1.5	ANNUAL	SRCGP5	5
606872.2	4122380	1.02679	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606892.2	4122380	0.99722	59.62	59.62	1.5	ANNUAL	SRCGP5	5
605632.2	4122400	5.43155	56.24	56.24	1.5	ANNUAL	SRCGP5	5
605652.2	4122400	5.60001	56.1	56.1	1.5	ANNUAL	SRCGP5	5
605672.2	4122400	5.75995	56.5	56.5	1.5	ANNUAL	SRCGP5	5
605692.2	4122400	5.90791	56.64	56.64	1.5	ANNUAL	SRCGP5	5
605712.2	4122400	6.0423	56.76	56.76	1.5	ANNUAL	SRCGP5	5
605732.2	4122400	6.15682	57.59	57.59	1.5	ANNUAL	SRCGP5	5
605752.2	4122400	6.24309	59.26	59.26	1.5	ANNUAL	SRCGP5	5
605772.2	4122400	6.31886	59.6	59.6	1.5	ANNUAL	SRCGP5	5
605792.2	4122400	6.37551	59.59	59.59	1.5	ANNUAL	SRCGP5	5
605812.2	4122400	6.40651	59.6	59.6	1.5	ANNUAL	SRCGP5	5
605832.2	4122400	6.41005	59.57	59.57	1.5	ANNUAL	SRCGP5	5
605852.2	4122400	6.38365	59.56	59.56	1.5	ANNUAL	SRCGP5	5
605872.2	4122400	6.32251	59.88	59.88	1.5	ANNUAL	SRCGP5	5
605892.2	4122400	6.24105	59.55	59.55	1.5	ANNUAL	SRCGP5	5
605912.2	4122400	6.1381	58.79	59.2	1.5	ANNUAL	SRCGP5	5
605932.2	4122400	6.01725	57.36	57.36	1.5	ANNUAL	SRCGP5	5
606512.2	4122400	1.70209	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606532.2	4122400	1.63372	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606552.2	4122400	1.57246	59.7	59.7	1.5	ANNUAL	SRCGP5	5
606572.2	4122400	1.51769	59.71	59.71	1.5	ANNUAL	SRCGP5	5
606592.2	4122400	1.46834	59.71	59.71	1.5	ANNUAL	SRCGP5	5
606692.2	4122400	1.27269	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606712.2	4122400	1.23864	59.86	59.86	1.5	ANNUAL	SRCGP5	5

606732.2	4122400	1.20586	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606752.2	4122400	1.17406	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606772.2	4122400	1.14262	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606792.2	4122400	1.11182	59.95	59.95	1.5	ANNUAL	SRCGP5	5
606812.2	4122400	1.08216	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606832.2	4122400	1.05283	59.63	59.63	1.5	ANNUAL	SRCGP5	5
605632.2	4122420	5.25711	56.36	56.36	1.5	ANNUAL	SRCGP5	5
605652.2	4122420	5.39847	56.42	56.42	1.5	ANNUAL	SRCGP5	5
605672.2	4122420	5.52971	56.71	56.71	1.5	ANNUAL	SRCGP5	5
605692.2	4122420	5.64924	56.78	56.78	1.5	ANNUAL	SRCGP5	5
605712.2	4122420	5.75514	56.82	56.82	1.5	ANNUAL	SRCGP5	5
605732.2	4122420	5.84293	57.47	57.47	1.5	ANNUAL	SRCGP5	5
605752.2	4122420	5.90249	59.24	59.24	1.5	ANNUAL	SRCGP5	5
605772.2	4122420	5.95185	59.59	59.59	1.5	ANNUAL	SRCGP5	5
605792.2	4122420	5.98368	59.56	59.56	1.5	ANNUAL	SRCGP5	5
605812.2	4122420	5.99183	59.53	59.53	1.5	ANNUAL	SRCGP5	5
605832.2	4122420	5.97599	59.36	59.36	1.5	ANNUAL	SRCGP5	5
605852.2	4122420	5.93379	59.19	59.19	1.5	ANNUAL	SRCGP5	5
605872.2	4122420	5.87004	58.56	59.97	1.5	ANNUAL	SRCGP5	5
605892.2	4122420	5.78076	58.02	59.56	1.5	ANNUAL	SRCGP5	5
605912.2	4122420	5.67192	57.26	57.26	1.5	ANNUAL	SRCGP5	5
606452.2	4122420	1.86649	59.4	59.4	1.5	ANNUAL	SRCGP5	5
606472.2	4122420	1.78111	59.54	59.54	1.5	ANNUAL	SRCGP5	5
606492.2	4122420	1.70208	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606512.2	4122420	1.6301	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606532.2	4122420	1.56558	59.29	59.29	1.5	ANNUAL	SRCGP5	5
606552.2	4122420	1.50617	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606632.2	4122420	1.32331	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606652.2	4122420	1.28657	59.81	59.81	1.5	ANNUAL	SRCGP5	5
606672.2	4122420	1.25291	59.57	59.57	1.5	ANNUAL	SRCGP5	5
606692.2	4122420	1.22024	59.86	59.86	1.5	ANNUAL	SRCGP5	5
606712.2	4122420	1.18927	59.77	59.77	1.5	ANNUAL	SRCGP5	5
606732.2	4122420	1.15898	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606752.2	4122420	1.12957	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606772.2	4122420	1.10087	59.9	59.9	1.5	ANNUAL	SRCGP5	5
606852.2	4122420	0.99199	59.41	59.41	1.5	ANNUAL	SRCGP5	5
606872.2	4122420	0.96596	59.51	59.51	1.5	ANNUAL	SRCGP5	5
606892.2	4122420	0.9406	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606912.2	4122420	0.91606	59.15	59.15	1.5	ANNUAL	SRCGP5	5
605632.2	4122440	5.07181	56.46	56.46	1.5	ANNUAL	SRCGP5	5
605652.2	4122440	5.18873	56.76	56.76	1.5	ANNUAL	SRCGP5	5
605672.2	4122440	5.29505	56.96	56.96	1.5	ANNUAL	SRCGP5	5
605692.2	4122440	5.39006	56.98	56.98	1.5	ANNUAL	SRCGP5	5
605712.2	4122440	5.47213	56.95	56.95	1.5	ANNUAL	SRCGP5	5
605732.2	4122440	5.53688	57.48	57.48	1.5	ANNUAL	SRCGP5	5
605752.2	4122440	5.58061	58.5	58.96	1.5	ANNUAL	SRCGP5	5
605772.2	4122440	5.61097	58.64	59.06	1.5	ANNUAL	SRCGP5	5
605792.2	4122440	5.62298	58.54	58.54	1.5	ANNUAL	SRCGP5	5
605812.2	4122440	5.61401	58.29	58.29	1.5	ANNUAL	SRCGP5	5
605832.2	4122440	5.5821	58.03	58.03	1.5	ANNUAL	SRCGP5	5
605852.2	4122440	5.528	57.63	57.63	1.5	ANNUAL	SRCGP5	5
605872.2	4122440	5.45278	57.03	57.03	1.5	ANNUAL	SRCGP5	5
605892.2	4122440	5.35581	57.01	57.01	1.5	ANNUAL	SRCGP5	5
606452.2	4122440	1.78497	59.7	59.7	1.5	ANNUAL	SRCGP5	5
606472.2	4122440	1.70596	59.64	59.64	1.5	ANNUAL	SRCGP5	5
606492.2	4122440	1.63242	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606552.2	4122440	1.44522	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606612.2	4122440	1.30588	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606632.2	4122440	1.2683	59.79	59.79	1.5	ANNUAL	SRCGP5	5
606652.2	4122440	1.23366	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606672.2	4122440	1.20184	59.45	59.45	1.5	ANNUAL	SRCGP5	5
606692.2	4122440	1.17104	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606712.2	4122440	1.1421	59.9	59.9	1.5	ANNUAL	SRCGP5	5

606732.2	4122440	1.11427	59.85	59.85	1.5	ANNUAL	SRCGP5	5
606812.2	4122440	1.00981	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606832.2	4122440	0.98483	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606852.2	4122440	0.96037	59.51	59.51	1.5	ANNUAL	SRCGP5	5
606872.2	4122440	0.93643	59.4	59.4	1.5	ANNUAL	SRCGP5	5
606892.2	4122440	0.91289	59.43	59.43	1.5	ANNUAL	SRCGP5	5
606912.2	4122440	0.8901	59.09	59.09	1.5	ANNUAL	SRCGP5	5
605632.2	4122460	4.88062	56.44	56.44	1.5	ANNUAL	SRCGP5	5
605652.2	4122460	4.97642	56.68	56.68	1.5	ANNUAL	SRCGP5	5
605672.2	4122460	5.06193	56.74	56.74	1.5	ANNUAL	SRCGP5	5
605692.2	4122460	5.13625	56.75	56.75	1.5	ANNUAL	SRCGP5	5
605712.2	4122460	5.19705	56.95	56.95	1.5	ANNUAL	SRCGP5	5
605732.2	4122460	5.2428	57.23	57.23	1.5	ANNUAL	SRCGP5	5
605752.2	4122460	5.27368	57.28	57.28	1.5	ANNUAL	SRCGP5	5
605772.2	4122460	5.2875	57.22	57.22	1.5	ANNUAL	SRCGP5	5
605792.2	4122460	5.28232	57.15	57.15	1.5	ANNUAL	SRCGP5	5
605812.2	4122460	5.25704	57.11	57.11	1.5	ANNUAL	SRCGP5	5
605832.2	4122460	5.21208	56.95	56.95	1.5	ANNUAL	SRCGP5	5
606392.2	4122460	1.96085	58.98	58.98	1.5	ANNUAL	SRCGP5	5
606412.2	4122460	1.87253	59.13	59.13	1.5	ANNUAL	SRCGP5	5
606432.2	4122460	1.78902	59.33	59.33	1.5	ANNUAL	SRCGP5	5
606552.2	4122460	1.38808	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606572.2	4122460	1.33882	59.86	59.86	1.5	ANNUAL	SRCGP5	5
606592.2	4122460	1.29399	60.06	60.06	1.5	ANNUAL	SRCGP5	5
606612.2	4122460	1.25369	60.12	60.12	1.5	ANNUAL	SRCGP5	5
606632.2	4122460	1.21757	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606652.2	4122460	1.18454	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606672.2	4122460	1.15396	59.54	59.54	1.5	ANNUAL	SRCGP5	5
606752.2	4122460	1.04702	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606772.2	4122460	1.02243	59.72	59.72	1.5	ANNUAL	SRCGP5	5
606792.2	4122460	0.9987	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606812.2	4122460	0.97511	59.77	59.77	1.5	ANNUAL	SRCGP5	5
606832.2	4122460	0.95229	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606852.2	4122460	0.92962	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606872.2	4122460	0.90755	59.41	59.41	1.5	ANNUAL	SRCGP5	5
606892.2	4122460	0.88557	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606912.2	4122460	0.86443	59.15	59.15	1.5	ANNUAL	SRCGP5	5
606332.2	4122480	2.15065	58.58	58.58	1.5	ANNUAL	SRCGP5	5
606352.2	4122480	2.05024	59.06	59.06	1.5	ANNUAL	SRCGP5	5
606372.2	4122480	1.95775	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606392.2	4122480	1.87133	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606412.2	4122480	1.79018	59.08	59.08	1.5	ANNUAL	SRCGP5	5
606432.2	4122480	1.71332	59.12	59.12	1.5	ANNUAL	SRCGP5	5
606452.2	4122480	1.63959	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606472.2	4122480	1.56973	60.03	60.03	1.5	ANNUAL	SRCGP5	5
606512.2	4122480	1.44382	60.22	60.22	1.5	ANNUAL	SRCGP5	5
606532.2	4122480	1.38744	60.18	60.18	1.5	ANNUAL	SRCGP5	5
606552.2	4122480	1.33571	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606572.2	4122480	1.28823	59.99	59.99	1.5	ANNUAL	SRCGP5	5
606592.2	4122480	1.24494	60.09	60.09	1.5	ANNUAL	SRCGP5	5
606612.2	4122480	1.20634	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606672.2	4122480	1.10952	59.49	59.49	1.5	ANNUAL	SRCGP5	5
606692.2	4122480	1.08193	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606712.2	4122480	1.05638	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606732.2	4122480	1.03157	59.91	59.91	1.5	ANNUAL	SRCGP5	5
606752.2	4122480	1.00827	59.82	59.82	1.5	ANNUAL	SRCGP5	5
606772.2	4122480	0.98539	60	60	1.5	ANNUAL	SRCGP5	5
606792.2	4122480	0.96333	59.96	59.96	1.5	ANNUAL	SRCGP5	5
606812.2	4122480	0.94174	59.93	59.93	1.5	ANNUAL	SRCGP5	5
606832.2	4122480	0.92074	59.6	59.6	1.5	ANNUAL	SRCGP5	5
606852.2	4122480	0.89978	59.66	59.66	1.5	ANNUAL	SRCGP5	5
606872.2	4122480	0.87936	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606892.2	4122480	0.85907	59.53	59.53	1.5	ANNUAL	SRCGP5	5

606912.2	4122480	0.83931	59.25	59.25	1.5	ANNUAL	SRCGP5	5
606332.2	4122500	2.04556	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606372.2	4122500	1.86805	59.23	59.23	1.5	ANNUAL	SRCGP5	5
606392.2	4122500	1.78846	59.06	59.06	1.5	ANNUAL	SRCGP5	5
606412.2	4122500	1.7132	59.06	59.06	1.5	ANNUAL	SRCGP5	5
606432.2	4122500	1.64218	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606472.2	4122500	1.50848	59.97	59.97	1.5	ANNUAL	SRCGP5	5
606492.2	4122500	1.44756	60.12	60.12	1.5	ANNUAL	SRCGP5	5
606512.2	4122500	1.39081	59.9	59.9	1.5	ANNUAL	SRCGP5	5
606532.2	4122500	1.33769	59.62	59.62	1.5	ANNUAL	SRCGP5	5
606632.2	4122500	1.12797	59.6	59.6	1.5	ANNUAL	SRCGP5	5
606652.2	4122500	1.0965	59.7	59.7	1.5	ANNUAL	SRCGP5	5
606672.2	4122500	1.06774	59.82	59.82	1.5	ANNUAL	SRCGP5	5
606692.2	4122500	1.0414	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606712.2	4122500	1.01686	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606732.2	4122500	0.9938	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606752.2	4122500	0.97155	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606772.2	4122500	0.95045	59.95	59.95	1.5	ANNUAL	SRCGP5	5
606792.2	4122500	0.9301	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606812.2	4122500	0.90989	59.82	59.82	1.5	ANNUAL	SRCGP5	5
606832.2	4122500	0.89033	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606852.2	4122500	0.87109	59.45	59.45	1.5	ANNUAL	SRCGP5	5
606872.2	4122500	0.85196	59.53	59.53	1.5	ANNUAL	SRCGP5	5
606892.2	4122500	0.83313	59.62	59.62	1.5	ANNUAL	SRCGP5	5
606912.2	4122500	0.81481	59.34	59.34	1.5	ANNUAL	SRCGP5	5
606272.2	4122520	2.2391	58.54	58.54	1.5	ANNUAL	SRCGP5	5
606292.2	4122520	2.13617	59.05	59.05	1.5	ANNUAL	SRCGP5	5
606392.2	4122520	1.71085	59.17	59.17	1.5	ANNUAL	SRCGP5	5
606412.2	4122520	1.64109	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606432.2	4122520	1.57498	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606472.2	4122520	1.45145	59.65	59.65	1.5	ANNUAL	SRCGP5	5
606552.2	4122520	1.24291	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606572.2	4122520	1.19882	59.52	59.52	1.5	ANNUAL	SRCGP5	5
606592.2	4122520	1.15836	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606612.2	4122520	1.12145	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606632.2	4122520	1.0879	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606652.2	4122520	1.0574	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606672.2	4122520	1.02912	59.96	59.96	1.5	ANNUAL	SRCGP5	5
606692.2	4122520	1.00345	60.11	60.11	1.5	ANNUAL	SRCGP5	5
606712.2	4122520	0.98005	59.95	59.95	1.5	ANNUAL	SRCGP5	5
606732.2	4122520	0.95832	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606752.2	4122520	0.93721	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606772.2	4122520	0.91745	59.63	59.63	1.5	ANNUAL	SRCGP5	5
606792.2	4122520	0.89829	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606812.2	4122520	0.8796	59.39	59.39	1.5	ANNUAL	SRCGP5	5
606832.2	4122520	0.86115	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606852.2	4122520	0.84326	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606872.2	4122520	0.82539	59.64	59.64	1.5	ANNUAL	SRCGP5	5
606892.2	4122520	0.80785	59.76	59.76	1.5	ANNUAL	SRCGP5	5
606272.2	4122540	2.12702	59	59	1.5	ANNUAL	SRCGP5	5
606292.2	4122540	2.03325	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606312.2	4122540	1.94465	58.98	58.98	1.5	ANNUAL	SRCGP5	5
606332.2	4122540	1.86123	58.82	58.82	1.5	ANNUAL	SRCGP5	5
606352.2	4122540	1.78165	59.17	59.17	1.5	ANNUAL	SRCGP5	5
606372.2	4122540	1.70784	59.19	59.19	1.5	ANNUAL	SRCGP5	5
606392.2	4122540	1.63871	59.14	59.14	1.5	ANNUAL	SRCGP5	5
606412.2	4122540	1.57374	59.1	59.1	1.5	ANNUAL	SRCGP5	5
606432.2	4122540	1.51212	59.15	59.15	1.5	ANNUAL	SRCGP5	5
606492.2	4122540	1.34445	59.26	59.26	1.5	ANNUAL	SRCGP5	5
606512.2	4122540	1.2935	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606532.2	4122540	1.24552	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606552.2	4122540	1.20021	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606572.2	4122540	1.15823	59.5	59.5	1.5	ANNUAL	SRCGP5	5

606592.2	4122540	1.11918	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606612.2	4122540	1.08299	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606632.2	4122540	1.05073	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606652.2	4122540	1.0208	59.65	59.65	1.5	ANNUAL	SRCGP5	5
606672.2	4122540	0.99366	59.68	59.68	1.5	ANNUAL	SRCGP5	5
606692.2	4122540	0.96868	59.81	59.81	1.5	ANNUAL	SRCGP5	5
606712.2	4122540	0.9458	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606732.2	4122540	0.92491	59.44	59.44	1.5	ANNUAL	SRCGP5	5
606752.2	4122540	0.90496	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606772.2	4122540	0.88597	59.52	59.52	1.5	ANNUAL	SRCGP5	5
606792.2	4122540	0.86776	59.6	59.6	1.5	ANNUAL	SRCGP5	5
606812.2	4122540	0.85026	59.46	59.46	1.5	ANNUAL	SRCGP5	5
606832.2	4122540	0.833	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606852.2	4122540	0.81629	59.64	59.64	1.5	ANNUAL	SRCGP5	5
606872.2	4122540	0.79989	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606892.2	4122540	0.78358	59.59	59.59	1.5	ANNUAL	SRCGP5	5
605632.2	4122560	3.93557	56.47	56.47	1.5	ANNUAL	SRCGP5	5
605652.2	4122560	3.96127	56.51	56.51	1.5	ANNUAL	SRCGP5	5
605672.2	4122560	3.9782	56.69	56.69	1.5	ANNUAL	SRCGP5	5
605692.2	4122560	3.98576	56.62	56.62	1.5	ANNUAL	SRCGP5	5
605712.2	4122560	3.98277	56.64	56.64	1.5	ANNUAL	SRCGP5	5
605732.2	4122560	3.96898	56.66	56.66	1.5	ANNUAL	SRCGP5	5
605752.2	4122560	3.94413	56.66	56.66	1.5	ANNUAL	SRCGP5	5
605772.2	4122560	3.90799	56.76	56.76	1.5	ANNUAL	SRCGP5	5
605792.2	4122560	3.86137	56.72	56.72	1.5	ANNUAL	SRCGP5	5
605812.2	4122560	3.80489	56.79	56.79	1.5	ANNUAL	SRCGP5	5
605832.2	4122560	3.74057	56.82	56.82	1.5	ANNUAL	SRCGP5	5
605852.2	4122560	3.67036	56.81	56.81	1.5	ANNUAL	SRCGP5	5
606292.2	4122560	1.9385	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606312.2	4122560	1.85605	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606332.2	4122560	1.77832	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606352.2	4122560	1.70485	58.98	58.98	1.5	ANNUAL	SRCGP5	5
606492.2	4122560	1.29624	59.36	59.36	1.5	ANNUAL	SRCGP5	5
606512.2	4122560	1.24841	59.54	59.54	1.5	ANNUAL	SRCGP5	5
606532.2	4122560	1.20338	59.41	59.41	1.5	ANNUAL	SRCGP5	5
606552.2	4122560	1.16012	59.67	59.67	1.5	ANNUAL	SRCGP5	5
606572.2	4122560	1.11972	59.79	59.79	1.5	ANNUAL	SRCGP5	5
606592.2	4122560	1.08229	59.77	59.77	1.5	ANNUAL	SRCGP5	5
606612.2	4122560	1.0475	59.87	59.87	1.5	ANNUAL	SRCGP5	5
606632.2	4122560	1.01609	59.45	59.45	1.5	ANNUAL	SRCGP5	5
606652.2	4122560	0.98688	59.63	59.63	1.5	ANNUAL	SRCGP5	5
606672.2	4122560	0.96041	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606692.2	4122560	0.9361	59.63	59.63	1.5	ANNUAL	SRCGP5	5
606712.2	4122560	0.91389	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606732.2	4122560	0.89321	59.7	59.7	1.5	ANNUAL	SRCGP5	5
606752.2	4122560	0.87404	59.71	59.71	1.5	ANNUAL	SRCGP5	5
606772.2	4122560	0.85603	59.65	59.65	1.5	ANNUAL	SRCGP5	5
606792.2	4122560	0.83868	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606812.2	4122560	0.82219	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606832.2	4122560	0.80615	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606852.2	4122560	0.79044	59.66	59.66	1.5	ANNUAL	SRCGP5	5
606872.2	4122560	0.77516	59.58	59.58	1.5	ANNUAL	SRCGP5	5
605632.2	4122580	3.76079	56.22	56.22	1.5	ANNUAL	SRCGP5	5
605652.2	4122580	3.77765	56.26	56.26	1.5	ANNUAL	SRCGP5	5
605672.2	4122580	3.78615	56.39	56.39	1.5	ANNUAL	SRCGP5	5
605692.2	4122580	3.78541	56.29	56.29	1.5	ANNUAL	SRCGP5	5
605712.2	4122580	3.77509	56.36	56.36	1.5	ANNUAL	SRCGP5	5
605732.2	4122580	3.75487	56.33	56.33	1.5	ANNUAL	SRCGP5	5
605752.2	4122580	3.72456	56.33	56.33	1.5	ANNUAL	SRCGP5	5
605772.2	4122580	3.68443	56.48	56.48	1.5	ANNUAL	SRCGP5	5
605792.2	4122580	3.63528	56.51	56.51	1.5	ANNUAL	SRCGP5	5
605812.2	4122580	3.57827	56.51	56.51	1.5	ANNUAL	SRCGP5	5
605832.2	4122580	3.51514	56.56	56.56	1.5	ANNUAL	SRCGP5	5

605852.2	4122580	3.44813	56.58	56.58	1.5	ANNUAL	SRCGP5	5
605872.2	4122580	3.37946	56.62	56.62	1.5	ANNUAL	SRCGP5	5
605892.2	4122580	3.31126	56.62	56.62	1.5	ANNUAL	SRCGP5	5
605912.2	4122580	3.24517	56.61	56.61	1.5	ANNUAL	SRCGP5	5
605932.2	4122580	3.18211	56.61	56.61	1.5	ANNUAL	SRCGP5	5
606252.2	4122580	2.01355	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606272.2	4122580	1.93	59.03	59.03	1.5	ANNUAL	SRCGP5	5
606292.2	4122580	1.84994	59.03	59.03	1.5	ANNUAL	SRCGP5	5
606312.2	4122580	1.77345	59.1	59.1	1.5	ANNUAL	SRCGP5	5
606472.2	4122580	1.29744	59.36	59.36	1.5	ANNUAL	SRCGP5	5
606492.2	4122580	1.25058	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606512.2	4122580	1.20555	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606532.2	4122580	1.1634	59.36	59.36	1.5	ANNUAL	SRCGP5	5
606552.2	4122580	1.12217	59.85	59.85	1.5	ANNUAL	SRCGP5	5
606572.2	4122580	1.08374	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606592.2	4122580	1.04773	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606612.2	4122580	1.01469	59.51	59.51	1.5	ANNUAL	SRCGP5	5
606632.2	4122580	0.98374	59.52	59.52	1.5	ANNUAL	SRCGP5	5
606652.2	4122580	0.95528	59.54	59.54	1.5	ANNUAL	SRCGP5	5
606672.2	4122580	0.92932	59.56	59.56	1.5	ANNUAL	SRCGP5	5
606692.2	4122580	0.90539	59.83	59.83	1.5	ANNUAL	SRCGP5	5
606712.2	4122580	0.88372	59.75	59.75	1.5	ANNUAL	SRCGP5	5
606732.2	4122580	0.86376	59.65	59.65	1.5	ANNUAL	SRCGP5	5
606752.2	4122580	0.84523	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606772.2	4122580	0.82792	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606792.2	4122580	0.81147	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606812.2	4122580	0.79567	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606832.2	4122580	0.78051	59.53	59.53	1.5	ANNUAL	SRCGP5	5
606852.2	4122580	0.76569	59.6	59.6	1.5	ANNUAL	SRCGP5	5
606992.2	4122580	0.66929	59.46	59.46	1.5	ANNUAL	SRCGP5	5
607012.2	4122580	0.65624	59.39	59.39	1.5	ANNUAL	SRCGP5	5
607032.2	4122580	0.64333	59.45	59.45	1.5	ANNUAL	SRCGP5	5
607052.2	4122580	0.63084	58.85	58.85	1.5	ANNUAL	SRCGP5	5
605932.2	4122600	3.00238	56.42	56.42	1.5	ANNUAL	SRCGP5	5
606252.2	4122600	1.91973	58.95	58.95	1.5	ANNUAL	SRCGP5	5
606272.2	4122600	1.8418	59.29	59.29	1.5	ANNUAL	SRCGP5	5
606292.2	4122600	1.76766	59.23	59.23	1.5	ANNUAL	SRCGP5	5
606312.2	4122600	1.69691	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606412.2	4122600	1.39565	59.03	59.03	1.5	ANNUAL	SRCGP5	5
606432.2	4122600	1.34534	59.02	59.02	1.5	ANNUAL	SRCGP5	5
606452.2	4122600	1.29744	59.07	59.07	1.5	ANNUAL	SRCGP5	5
606472.2	4122600	1.25186	59.05	59.05	1.5	ANNUAL	SRCGP5	5
606492.2	4122600	1.20754	59.45	59.45	1.5	ANNUAL	SRCGP5	5
606512.2	4122600	1.16561	59.44	59.44	1.5	ANNUAL	SRCGP5	5
606532.2	4122600	1.12527	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606552.2	4122600	1.0869	59.43	59.43	1.5	ANNUAL	SRCGP5	5
606572.2	4122600	1.05044	59.31	59.31	1.5	ANNUAL	SRCGP5	5
606592.2	4122600	1.01574	59.49	59.49	1.5	ANNUAL	SRCGP5	5
606612.2	4122600	0.98346	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606632.2	4122600	0.95342	59.55	59.55	1.5	ANNUAL	SRCGP5	5
606652.2	4122600	0.92578	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606672.2	4122600	0.90026	59.59	59.59	1.5	ANNUAL	SRCGP5	5
606692.2	4122600	0.87685	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606712.2	4122600	0.85593	59.35	59.35	1.5	ANNUAL	SRCGP5	5
606992.2	4122600	0.65164	59.59	59.59	1.5	ANNUAL	SRCGP5	5
607012.2	4122600	0.63931	59.66	59.66	1.5	ANNUAL	SRCGP5	5
607032.2	4122600	0.62718	59.69	59.69	1.5	ANNUAL	SRCGP5	5
607052.2	4122600	0.61558	58.78	58.78	1.5	ANNUAL	SRCGP5	5
605632.2	4122620	3.43101	56.39	56.39	1.5	ANNUAL	SRCGP5	5
605652.2	4122620	3.43347	56.39	56.39	1.5	ANNUAL	SRCGP5	5
605672.2	4122620	3.42832	56.48	56.48	1.5	ANNUAL	SRCGP5	5
605692.2	4122620	3.41522	56.45	56.45	1.5	ANNUAL	SRCGP5	5
605712.2	4122620	3.39404	56.35	56.35	1.5	ANNUAL	SRCGP5	5

605752.2	4122620	3.32685	56.02	56.02	1.5	ANNUAL	SRCGP5	5
605772.2	4122620	3.28287	56.24	56.24	1.5	ANNUAL	SRCGP5	5
605792.2	4122620	3.23225	56.3	56.3	1.5	ANNUAL	SRCGP5	5
605812.2	4122620	3.17696	56.37	56.37	1.5	ANNUAL	SRCGP5	5
605832.2	4122620	3.11878	56.42	56.42	1.5	ANNUAL	SRCGP5	5
605852.2	4122620	3.05947	56.4	56.4	1.5	ANNUAL	SRCGP5	5
605872.2	4122620	3.00074	56.37	56.37	1.5	ANNUAL	SRCGP5	5
605892.2	4122620	2.94394	56.32	56.32	1.5	ANNUAL	SRCGP5	5
605932.2	4122620	2.83865	56.38	56.38	1.5	ANNUAL	SRCGP5	5
606232.2	4122620	1.9064	58.93	58.93	1.5	ANNUAL	SRCGP5	5
606252.2	4122620	1.83259	59.02	59.02	1.5	ANNUAL	SRCGP5	5
606272.2	4122620	1.76078	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606292.2	4122620	1.69156	59.18	59.18	1.5	ANNUAL	SRCGP5	5
606312.2	4122620	1.62557	59.06	59.06	1.5	ANNUAL	SRCGP5	5
606352.2	4122620	1.5028	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606372.2	4122620	1.44644	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606412.2	4122620	1.34338	58.93	58.93	1.5	ANNUAL	SRCGP5	5
606432.2	4122620	1.29631	58.82	58.82	1.5	ANNUAL	SRCGP5	5
606452.2	4122620	1.25159	58.61	58.61	1.5	ANNUAL	SRCGP5	5
606472.2	4122620	1.2087	58.66	58.66	1.5	ANNUAL	SRCGP5	5
606492.2	4122620	1.16675	59.41	59.41	1.5	ANNUAL	SRCGP5	5
606512.2	4122620	1.12699	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606532.2	4122620	1.08912	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606552.2	4122620	1.05294	59.4	59.4	1.5	ANNUAL	SRCGP5	5
606572.2	4122620	1.01811	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606592.2	4122620	0.98518	59.4	59.4	1.5	ANNUAL	SRCGP5	5
606612.2	4122620	0.95414	59.34	59.34	1.5	ANNUAL	SRCGP5	5
606632.2	4122620	0.92508	59.39	59.39	1.5	ANNUAL	SRCGP5	5
606652.2	4122620	0.89821	59.34	59.34	1.5	ANNUAL	SRCGP5	5
606672.2	4122620	0.87304	59.73	59.73	1.5	ANNUAL	SRCGP5	5
606692.2	4122620	0.85074	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606992.2	4122620	0.63446	59.57	59.57	1.5	ANNUAL	SRCGP5	5
607012.2	4122620	0.6229	59.71	59.71	1.5	ANNUAL	SRCGP5	5
607032.2	4122620	0.61148	59.74	59.74	1.5	ANNUAL	SRCGP5	5
607052.2	4122620	0.60032	59.48	59.48	1.5	ANNUAL	SRCGP5	5
605632.2	4122640	3.2763	56.2	56.2	1.5	ANNUAL	SRCGP5	5
605652.2	4122640	3.27308	56.31	56.31	1.5	ANNUAL	SRCGP5	5
605672.2	4122640	3.26275	56.4	56.4	1.5	ANNUAL	SRCGP5	5
605692.2	4122640	3.24512	56.35	56.35	1.5	ANNUAL	SRCGP5	5
605712.2	4122640	3.21999	56.35	56.35	1.5	ANNUAL	SRCGP5	5
605752.2	4122640	3.14808	56.05	56.05	1.5	ANNUAL	SRCGP5	5
605772.2	4122640	3.10319	56.3	56.3	1.5	ANNUAL	SRCGP5	5
605792.2	4122640	3.05327	56.39	56.39	1.5	ANNUAL	SRCGP5	5
605812.2	4122640	2.99989	56.55	56.55	1.5	ANNUAL	SRCGP5	5
605832.2	4122640	2.94485	56.54	56.54	1.5	ANNUAL	SRCGP5	5
605852.2	4122640	2.88973	56.52	56.52	1.5	ANNUAL	SRCGP5	5
605872.2	4122640	2.83586	56.68	56.68	1.5	ANNUAL	SRCGP5	5
605892.2	4122640	2.78405	56.51	56.51	1.5	ANNUAL	SRCGP5	5
605932.2	4122640	2.68905	56.32	56.32	1.5	ANNUAL	SRCGP5	5
606232.2	4122640	1.8201	59.03	59.03	1.5	ANNUAL	SRCGP5	5
606252.2	4122640	1.75163	59.05	59.05	1.5	ANNUAL	SRCGP5	5
606272.2	4122640	1.68501	59.07	59.07	1.5	ANNUAL	SRCGP5	5
606292.2	4122640	1.62058	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606312.2	4122640	1.55891	59.03	59.03	1.5	ANNUAL	SRCGP5	5
606352.2	4122640	1.44405	58.98	58.98	1.5	ANNUAL	SRCGP5	5
606412.2	4122640	1.29417	58.87	58.87	1.5	ANNUAL	SRCGP5	5
606432.2	4122640	1.24976	58.74	58.74	1.5	ANNUAL	SRCGP5	5
606452.2	4122640	1.20765	58.67	58.67	1.5	ANNUAL	SRCGP5	5
606472.2	4122640	1.16725	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606492.2	4122640	1.12825	59.12	59.12	1.5	ANNUAL	SRCGP5	5
606512.2	4122640	1.09075	59.4	59.4	1.5	ANNUAL	SRCGP5	5
606532.2	4122640	1.05476	59.61	59.61	1.5	ANNUAL	SRCGP5	5
606552.2	4122640	1.02068	59.29	59.29	1.5	ANNUAL	SRCGP5	5

606572.2	4122640	0.98752	59.46	59.46	1.5	ANNUAL	SRCGP5	5
606592.2	4122640	0.95618	59.33	59.33	1.5	ANNUAL	SRCGP5	5
606612.2	4122640	0.92617	59.48	59.48	1.5	ANNUAL	SRCGP5	5
606632.2	4122640	0.89836	59.24	59.24	1.5	ANNUAL	SRCGP5	5
606652.2	4122640	0.87214	59.35	59.35	1.5	ANNUAL	SRCGP5	5
606672.2	4122640	0.84824	58.82	58.82	1.5	ANNUAL	SRCGP5	5
606732.2	4122640	0.78649	58.7	58.7	1.5	ANNUAL	SRCGP5	5
606752.2	4122640	0.7691	58.71	58.71	1.5	ANNUAL	SRCGP5	5
606772.2	4122640	0.75306	58.71	58.71	1.5	ANNUAL	SRCGP5	5
606852.2	4122640	0.69819	58.74	58.74	1.5	ANNUAL	SRCGP5	5
606872.2	4122640	0.68603	58.68	58.68	1.5	ANNUAL	SRCGP5	5
606992.2	4122640	0.61771	59.6	59.6	1.5	ANNUAL	SRCGP5	5
607012.2	4122640	0.60686	59.74	59.74	1.5	ANNUAL	SRCGP5	5
607032.2	4122640	0.59619	59.77	59.77	1.5	ANNUAL	SRCGP5	5
607052.2	4122640	0.58558	59.79	59.79	1.5	ANNUAL	SRCGP5	5
605632.2	4122660	3.12765	55.89	55.89	1.5	ANNUAL	SRCGP5	5
605652.2	4122660	3.12007	56.02	56.02	1.5	ANNUAL	SRCGP5	5
605672.2	4122660	3.10559	56.08	56.08	1.5	ANNUAL	SRCGP5	5
605692.2	4122660	3.08423	56.11	56.11	1.5	ANNUAL	SRCGP5	5
605712.2	4122660	3.05604	56.06	56.06	1.5	ANNUAL	SRCGP5	5
605752.2	4122660	2.98078	55.86	55.86	1.5	ANNUAL	SRCGP5	5
605772.2	4122660	2.93626	56.09	56.09	1.5	ANNUAL	SRCGP5	5
605792.2	4122660	2.88782	56.18	56.18	1.5	ANNUAL	SRCGP5	5
605812.2	4122660	2.83696	56.38	56.38	1.5	ANNUAL	SRCGP5	5
605832.2	4122660	2.78532	56.3	56.3	1.5	ANNUAL	SRCGP5	5
605852.2	4122660	2.73437	56.39	56.39	1.5	ANNUAL	SRCGP5	5
605872.2	4122660	2.68495	56.58	56.58	1.5	ANNUAL	SRCGP5	5
605892.2	4122660	2.63795	56.56	56.56	1.5	ANNUAL	SRCGP5	5
605932.2	4122660	2.5519	56.27	56.27	1.5	ANNUAL	SRCGP5	5
606252.2	4122660	1.67637	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606272.2	4122660	1.61419	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606292.2	4122660	1.55421	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606312.2	4122660	1.49653	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606352.2	4122660	1.38879	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606412.2	4122660	1.24754	58.88	58.88	1.5	ANNUAL	SRCGP5	5
606432.2	4122660	1.20576	58.82	58.82	1.5	ANNUAL	SRCGP5	5
606452.2	4122660	1.16576	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606472.2	4122660	1.12794	58.85	58.85	1.5	ANNUAL	SRCGP5	5
606492.2	4122660	1.09164	58.76	58.76	1.5	ANNUAL	SRCGP5	5
606512.2	4122660	1.05595	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606532.2	4122660	1.02215	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606552.2	4122660	0.98968	59.47	59.47	1.5	ANNUAL	SRCGP5	5
606572.2	4122660	0.95866	59.13	59.13	1.5	ANNUAL	SRCGP5	5
606592.2	4122660	0.92852	59.29	59.29	1.5	ANNUAL	SRCGP5	5
606612.2	4122660	0.89999	59.25	59.25	1.5	ANNUAL	SRCGP5	5
606632.2	4122660	0.87296	59.24	59.24	1.5	ANNUAL	SRCGP5	5
606652.2	4122660	0.84745	59.44	59.44	1.5	ANNUAL	SRCGP5	5
606672.2	4122660	0.82427	58.79	58.79	1.5	ANNUAL	SRCGP5	5
606712.2	4122660	0.7823	58.53	58.53	1.5	ANNUAL	SRCGP5	5
606732.2	4122660	0.76366	58.72	58.72	1.5	ANNUAL	SRCGP5	5
606752.2	4122660	0.74656	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606772.2	4122660	0.73081	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606792.2	4122660	0.71621	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606832.2	4122660	0.68974	58.78	58.78	1.5	ANNUAL	SRCGP5	5
606852.2	4122660	0.67757	58.78	58.78	1.5	ANNUAL	SRCGP5	5
606872.2	4122660	0.66587	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606892.2	4122660	0.6546	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606992.2	4122660	0.60146	59.64	59.64	1.5	ANNUAL	SRCGP5	5
607012.2	4122660	0.59125	59.77	59.77	1.5	ANNUAL	SRCGP5	5
607032.2	4122660	0.58122	59.77	59.77	1.5	ANNUAL	SRCGP5	5
605632.2	4122680	2.98615	55.67	55.67	1.5	ANNUAL	SRCGP5	5
605652.2	4122680	2.97424	55.72	55.72	1.5	ANNUAL	SRCGP5	5
605672.2	4122680	2.95619	55.77	55.77	1.5	ANNUAL	SRCGP5	5

605852.2	4122680	2.59155	56.07	56.07	1.5	ANNUAL	SRCGP5	5
605872.2	4122680	2.54663	56.62	56.62	1.5	ANNUAL	SRCGP5	5
605892.2	4122680	2.50396	56.71	56.71	1.5	ANNUAL	SRCGP5	5
605932.2	4122680	2.4259	56.25	56.25	1.5	ANNUAL	SRCGP5	5
605952.2	4122680	2.38893	56.78	56.78	1.5	ANNUAL	SRCGP5	5
605972.2	4122680	2.3521	57.09	57.09	1.5	ANNUAL	SRCGP5	5
606252.2	4122680	1.60608	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606272.2	4122680	1.54815	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606312.2	4122680	1.43811	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606352.2	4122680	1.33679	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606372.2	4122680	1.28997	58.95	58.95	1.5	ANNUAL	SRCGP5	5
606392.2	4122680	1.24577	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606412.2	4122680	1.20359	58.99	58.99	1.5	ANNUAL	SRCGP5	5
606432.2	4122680	1.16402	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606452.2	4122680	1.12647	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606472.2	4122680	1.0907	58.86	58.86	1.5	ANNUAL	SRCGP5	5
606492.2	4122680	1.05653	58.74	58.74	1.5	ANNUAL	SRCGP5	5
606512.2	4122680	1.02288	59.44	59.44	1.5	ANNUAL	SRCGP5	5
606532.2	4122680	0.99115	59.32	59.32	1.5	ANNUAL	SRCGP5	5
606552.2	4122680	0.9603	59.38	59.38	1.5	ANNUAL	SRCGP5	5
606572.2	4122680	0.93107	58.86	58.86	1.5	ANNUAL	SRCGP5	5
606592.2	4122680	0.90233	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606612.2	4122680	0.8749	59.19	59.19	1.5	ANNUAL	SRCGP5	5
606632.2	4122680	0.84871	59.44	59.44	1.5	ANNUAL	SRCGP5	5
606652.2	4122680	0.82425	59.36	59.36	1.5	ANNUAL	SRCGP5	5
606732.2	4122680	0.74226	58.66	58.66	1.5	ANNUAL	SRCGP5	5
606752.2	4122680	0.72541	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606772.2	4122680	0.70991	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606792.2	4122680	0.6956	58.73	58.73	1.5	ANNUAL	SRCGP5	5
606812.2	4122680	0.68226	58.76	58.76	1.5	ANNUAL	SRCGP5	5
606832.2	4122680	0.66973	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606852.2	4122680	0.65788	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606872.2	4122680	0.64668	59.05	59.05	1.5	ANNUAL	SRCGP5	5
606892.2	4122680	0.63598	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606992.2	4122680	0.58574	59.57	59.57	1.5	ANNUAL	SRCGP5	5
607012.2	4122680	0.57615	59.61	59.61	1.5	ANNUAL	SRCGP5	5
607032.2	4122680	0.56665	59.7	59.7	1.5	ANNUAL	SRCGP5	5
605632.2	4122700	2.85311	56.12	56.12	1.5	ANNUAL	SRCGP5	5
605652.2	4122700	2.83776	56.16	56.16	1.5	ANNUAL	SRCGP5	5
605672.2	4122700	2.81682	56.22	56.22	1.5	ANNUAL	SRCGP5	5
605692.2	4122700	2.7903	56.22	56.22	1.5	ANNUAL	SRCGP5	5
605712.2	4122700	2.75846	56.25	56.25	1.5	ANNUAL	SRCGP5	5
605752.2	4122700	2.68134	56.02	56.02	1.5	ANNUAL	SRCGP5	5
605772.2	4122700	2.63829	56.04	56.04	1.5	ANNUAL	SRCGP5	5
605792.2	4122700	2.59362	56.11	56.11	1.5	ANNUAL	SRCGP5	5
605812.2	4122700	2.54845	56.14	56.14	1.5	ANNUAL	SRCGP5	5
605852.2	4122700	2.46058	56.07	56.07	1.5	ANNUAL	SRCGP5	5
605872.2	4122700	2.41959	56.63	56.63	1.5	ANNUAL	SRCGP5	5
605892.2	4122700	2.3808	56.78	56.78	1.5	ANNUAL	SRCGP5	5
605932.2	4122700	2.30974	56.22	56.22	1.5	ANNUAL	SRCGP5	5
605952.2	4122700	2.27569	56.78	56.78	1.5	ANNUAL	SRCGP5	5
605972.2	4122700	2.2411	57.33	57.33	1.5	ANNUAL	SRCGP5	5
605992.2	4122700	2.20601	57.38	57.38	1.5	ANNUAL	SRCGP5	5
606012.2	4122700	2.16885	57.36	57.36	1.5	ANNUAL	SRCGP5	5
606032.2	4122700	2.12863	57.56	57.56	1.5	ANNUAL	SRCGP5	5
606112.2	4122700	1.9355	58.46	58.46	1.5	ANNUAL	SRCGP5	5
606132.2	4122700	1.88014	58.93	58.93	1.5	ANNUAL	SRCGP5	5
606412.2	4122700	1.16209	59	59	1.5	ANNUAL	SRCGP5	5
606432.2	4122700	1.12469	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606452.2	4122700	1.08917	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606472.2	4122700	1.05528	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606492.2	4122700	1.02299	58.86	58.86	1.5	ANNUAL	SRCGP5	5
606512.2	4122700	0.99166	59.04	59.04	1.5	ANNUAL	SRCGP5	5

606532.2	4122700	0.96136	59.29	59.29	1.5	ANNUAL	SRCGP5	5
606552.2	4122700	0.9324	59.11	59.11	1.5	ANNUAL	SRCGP5	5
606572.2	4122700	0.90441	58.83	58.83	1.5	ANNUAL	SRCGP5	5
606592.2	4122700	0.87706	59.12	59.12	1.5	ANNUAL	SRCGP5	5
606612.2	4122700	0.85086	59.25	59.25	1.5	ANNUAL	SRCGP5	5
606632.2	4122700	0.82594	59.26	59.26	1.5	ANNUAL	SRCGP5	5
606652.2	4122700	0.80222	59.33	59.33	1.5	ANNUAL	SRCGP5	5
606732.2	4122700	0.72206	58.72	58.72	1.5	ANNUAL	SRCGP5	5
606752.2	4122700	0.70552	58.72	58.72	1.5	ANNUAL	SRCGP5	5
606772.2	4122700	0.69027	58.69	58.69	1.5	ANNUAL	SRCGP5	5
606792.2	4122700	0.67612	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606812.2	4122700	0.663	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606832.2	4122700	0.65075	59.08	59.08	1.5	ANNUAL	SRCGP5	5
606852.2	4122700	0.63927	59.14	59.14	1.5	ANNUAL	SRCGP5	5
606872.2	4122700	0.62848	58.97	58.97	1.5	ANNUAL	SRCGP5	5
605632.2	4122720	2.72489	55.87	55.87	1.5	ANNUAL	SRCGP5	5
605652.2	4122720	2.70695	55.98	55.98	1.5	ANNUAL	SRCGP5	5
605672.2	4122720	2.68396	56.08	56.08	1.5	ANNUAL	SRCGP5	5
605692.2	4122720	2.65597	56.34	56.34	1.5	ANNUAL	SRCGP5	5
605712.2	4122720	2.62322	56.25	56.25	1.5	ANNUAL	SRCGP5	5
605752.2	4122720	2.54704	56.1	56.1	1.5	ANNUAL	SRCGP5	5
605812.2	4122720	2.42093	56.43	56.43	1.5	ANNUAL	SRCGP5	5
605872.2	4122720	2.30268	56.64	56.64	1.5	ANNUAL	SRCGP5	5
605892.2	4122720	2.26739	56.83	56.83	1.5	ANNUAL	SRCGP5	5
605952.2	4122720	2.17063	56.89	56.89	1.5	ANNUAL	SRCGP5	5
605972.2	4122720	2.13847	57.38	57.38	1.5	ANNUAL	SRCGP5	5
605992.2	4122720	2.10534	57.37	57.37	1.5	ANNUAL	SRCGP5	5
606112.2	4122720	1.8491	58.4	58.4	1.5	ANNUAL	SRCGP5	5
606132.2	4122720	1.79682	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606152.2	4122720	1.74423	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606172.2	4122720	1.69095	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606192.2	4122720	1.63765	58.65	58.65	1.5	ANNUAL	SRCGP5	5
606212.2	4122720	1.5844	58.68	58.68	1.5	ANNUAL	SRCGP5	5
606232.2	4122720	1.53134	58.79	58.79	1.5	ANNUAL	SRCGP5	5
606252.2	4122720	1.47916	59	59	1.5	ANNUAL	SRCGP5	5
606272.2	4122720	1.42839	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606292.2	4122720	1.37926	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606312.2	4122720	1.33168	58.95	58.95	1.5	ANNUAL	SRCGP5	5
606352.2	4122720	1.24211	58.82	58.82	1.5	ANNUAL	SRCGP5	5
606372.2	4122720	1.20037	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606412.2	4122720	1.12285	59.02	59.02	1.5	ANNUAL	SRCGP5	5
606432.2	4122720	1.0874	58.95	58.95	1.5	ANNUAL	SRCGP5	5
606452.2	4122720	1.05375	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606472.2	4122720	1.02173	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606492.2	4122720	0.99121	58.71	58.71	1.5	ANNUAL	SRCGP5	5
606512.2	4122720	0.96166	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606532.2	4122720	0.933	59.14	59.14	1.5	ANNUAL	SRCGP5	5
606552.2	4122720	0.90556	59	59	1.5	ANNUAL	SRCGP5	5
606572.2	4122720	0.87882	59.05	59.05	1.5	ANNUAL	SRCGP5	5
606592.2	4122720	0.85299	59.05	59.05	1.5	ANNUAL	SRCGP5	5
606612.2	4122720	0.82807	59.1	59.1	1.5	ANNUAL	SRCGP5	5
606632.2	4122720	0.8042	59	59	1.5	ANNUAL	SRCGP5	5
606652.2	4122720	0.78151	58.88	58.88	1.5	ANNUAL	SRCGP5	5
606732.2	4122720	0.70309	58.73	58.73	1.5	ANNUAL	SRCGP5	5
606752.2	4122720	0.68678	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606772.2	4122720	0.67172	58.73	58.73	1.5	ANNUAL	SRCGP5	5
606792.2	4122720	0.65775	58.9	58.9	1.5	ANNUAL	SRCGP5	5
606812.2	4122720	0.6448	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606832.2	4122720	0.63285	59.03	59.03	1.5	ANNUAL	SRCGP5	5
606852.2	4122720	0.62169	59.01	59.01	1.5	ANNUAL	SRCGP5	5
607032.2	4122720	0.5389	59.05	59.05	1.5	ANNUAL	SRCGP5	5
605632.2	4122740	2.60232	55.37	55.37	1.5	ANNUAL	SRCGP5	5
605652.2	4122740	2.58229	55.45	55.45	1.5	ANNUAL	SRCGP5	5

605672.2	4122740	2.55818	55.81	55.81	1.5	ANNUAL	SRCGP5	5
605692.2	4122740	2.52936	56.06	56.06	1.5	ANNUAL	SRCGP5	5
605712.2	4122740	2.49651	56.2	56.2	1.5	ANNUAL	SRCGP5	5
605752.2	4122740	2.42177	56.02	56.02	1.5	ANNUAL	SRCGP5	5
605812.2	4122740	2.30315	56.51	56.51	1.5	ANNUAL	SRCGP5	5
605872.2	4122740	2.19475	56.71	56.71	1.5	ANNUAL	SRCGP5	5
605892.2	4122740	2.16253	56.86	56.86	1.5	ANNUAL	SRCGP5	5
605952.2	4122740	2.07348	56.87	56.87	1.5	ANNUAL	SRCGP5	5
605972.2	4122740	2.04309	57.3	57.3	1.5	ANNUAL	SRCGP5	5
605992.2	4122740	2.01176	57.33	57.33	1.5	ANNUAL	SRCGP5	5
606112.2	4122740	1.76866	58.38	58.38	1.5	ANNUAL	SRCGP5	5
606132.2	4122740	1.71951	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606152.2	4122740	1.66996	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606172.2	4122740	1.61986	58.99	58.99	1.5	ANNUAL	SRCGP5	5
606192.2	4122740	1.56983	58.79	58.79	1.5	ANNUAL	SRCGP5	5
606212.2	4122740	1.51999	58.84	58.84	1.5	ANNUAL	SRCGP5	5
606232.2	4122740	1.47046	58.8	58.8	1.5	ANNUAL	SRCGP5	5
606252.2	4122740	1.42161	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606272.2	4122740	1.37424	58.9	58.9	1.5	ANNUAL	SRCGP5	5
606292.2	4122740	1.32793	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606312.2	4122740	1.28314	58.89	58.89	1.5	ANNUAL	SRCGP5	5
606352.2	4122740	1.19866	58.76	58.76	1.5	ANNUAL	SRCGP5	5
606392.2	4122740	1.12187	58.47	58.47	1.5	ANNUAL	SRCGP5	5
606412.2	4122740	1.08584	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606432.2	4122740	1.05219	58.83	58.83	1.5	ANNUAL	SRCGP5	5
606452.2	4122740	1.02022	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606472.2	4122740	0.98987	58.79	58.79	1.5	ANNUAL	SRCGP5	5
606492.2	4122740	0.96091	58.72	58.72	1.5	ANNUAL	SRCGP5	5
606512.2	4122740	0.93264	59.14	59.14	1.5	ANNUAL	SRCGP5	5
606532.2	4122740	0.90593	58.97	58.97	1.5	ANNUAL	SRCGP5	5
606552.2	4122740	0.87973	59	59	1.5	ANNUAL	SRCGP5	5
606572.2	4122740	0.85434	59.16	59.16	1.5	ANNUAL	SRCGP5	5
606592.2	4122740	0.83007	58.73	58.73	1.5	ANNUAL	SRCGP5	5
606612.2	4122740	0.80617	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606632.2	4122740	0.78331	58.98	58.98	1.5	ANNUAL	SRCGP5	5
606732.2	4122740	0.68511	58.86	58.86	1.5	ANNUAL	SRCGP5	5
606752.2	4122740	0.66905	58.85	58.85	1.5	ANNUAL	SRCGP5	5
606772.2	4122740	0.65419	58.81	58.81	1.5	ANNUAL	SRCGP5	5
606792.2	4122740	0.64041	58.97	58.97	1.5	ANNUAL	SRCGP5	5
606812.2	4122740	0.62772	58.97	58.97	1.5	ANNUAL	SRCGP5	5
606832.2	4122740	0.61597	58.88	58.88	1.5	ANNUAL	SRCGP5	5
606952.2	4122740	0.55818	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606972.2	4122740	0.54967	59.33	59.33	1.5	ANNUAL	SRCGP5	5
606992.2	4122740	0.54153	58.99	58.99	1.5	ANNUAL	SRCGP5	5
607012.2	4122740	0.53351	58.9	58.9	1.5	ANNUAL	SRCGP5	5
607032.2	4122740	0.52555	59.01	59.01	1.5	ANNUAL	SRCGP5	5
607052.2	4122740	0.51766	58.96	58.96	1.5	ANNUAL	SRCGP5	5
605632.2	4122760	2.48726	55.34	55.34	1.5	ANNUAL	SRCGP5	5
605652.2	4122760	2.46486	55.21	55.21	1.5	ANNUAL	SRCGP5	5
605672.2	4122760	2.43964	55.59	55.59	1.5	ANNUAL	SRCGP5	5
605692.2	4122760	2.41033	55.89	55.89	1.5	ANNUAL	SRCGP5	5
605712.2	4122760	2.37792	56.3	56.3	1.5	ANNUAL	SRCGP5	5
605752.2	4122760	2.30519	55.94	55.94	1.5	ANNUAL	SRCGP5	5
605772.2	4122760	2.26793	56.19	56.19	1.5	ANNUAL	SRCGP5	5
605812.2	4122760	2.19421	56.43	56.43	1.5	ANNUAL	SRCGP5	5
605832.2	4122760	2.15918	56.44	56.44	1.5	ANNUAL	SRCGP5	5
605872.2	4122760	2.09503	56.66	56.66	1.5	ANNUAL	SRCGP5	5
605892.2	4122760	2.06565	56.85	56.85	1.5	ANNUAL	SRCGP5	5
605912.2	4122760	2.0377	56.7	56.7	1.5	ANNUAL	SRCGP5	5
605952.2	4122760	1.98287	56.83	56.83	1.5	ANNUAL	SRCGP5	5
605972.2	4122760	1.95448	57.28	57.28	1.5	ANNUAL	SRCGP5	5
605992.2	4122760	1.92435	57.37	57.37	1.5	ANNUAL	SRCGP5	5
606112.2	4122760	1.69349	58.4	58.4	1.5	ANNUAL	SRCGP5	5

606132.2	4122760	1.6472	58.99	58.99	1.5	ANNUAL	SRCGP5	5
606152.2	4122760	1.60071	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606172.2	4122760	1.55358	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606192.2	4122760	1.50647	58.93	58.93	1.5	ANNUAL	SRCGP5	5
606212.2	4122760	1.45972	58.95	58.95	1.5	ANNUAL	SRCGP5	5
606232.2	4122760	1.41317	58.97	58.97	1.5	ANNUAL	SRCGP5	5
606252.2	4122760	1.36751	59.02	59.02	1.5	ANNUAL	SRCGP5	5
606272.2	4122760	1.32299	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606292.2	4122760	1.27941	59.02	59.02	1.5	ANNUAL	SRCGP5	5
606312.2	4122760	1.23751	58.8	58.8	1.5	ANNUAL	SRCGP5	5
606352.2	4122760	1.15767	58.68	58.68	1.5	ANNUAL	SRCGP5	5
606392.2	4122760	1.08476	58.55	58.55	1.5	ANNUAL	SRCGP5	5
606412.2	4122760	1.05068	58.89	58.89	1.5	ANNUAL	SRCGP5	5
606432.2	4122760	1.01878	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606452.2	4122760	0.98839	58.74	58.74	1.5	ANNUAL	SRCGP5	5
606472.2	4122760	0.9595	58.81	58.81	1.5	ANNUAL	SRCGP5	5
606492.2	4122760	0.93189	58.79	58.79	1.5	ANNUAL	SRCGP5	5
606512.2	4122760	0.90523	59.13	59.13	1.5	ANNUAL	SRCGP5	5
606532.2	4122760	0.87976	59	59	1.5	ANNUAL	SRCGP5	5
606552.2	4122760	0.85502	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606572.2	4122760	0.83111	58.9	58.9	1.5	ANNUAL	SRCGP5	5
606592.2	4122760	0.80791	58.64	58.64	1.5	ANNUAL	SRCGP5	5
606612.2	4122760	0.78518	58.84	58.84	1.5	ANNUAL	SRCGP5	5
606732.2	4122760	0.66806	58.85	58.85	1.5	ANNUAL	SRCGP5	5
606752.2	4122760	0.65231	58.81	58.81	1.5	ANNUAL	SRCGP5	5
606772.2	4122760	0.6377	58.81	58.81	1.5	ANNUAL	SRCGP5	5
606792.2	4122760	0.62412	58.91	58.91	1.5	ANNUAL	SRCGP5	5
606812.2	4122760	0.6116	58.85	58.85	1.5	ANNUAL	SRCGP5	5
606952.2	4122760	0.54365	59.04	59.04	1.5	ANNUAL	SRCGP5	5
606972.2	4122760	0.53559	59.14	59.14	1.5	ANNUAL	SRCGP5	5
606992.2	4122760	0.52776	59.04	59.04	1.5	ANNUAL	SRCGP5	5
607012.2	4122760	0.52007	59.07	59.07	1.5	ANNUAL	SRCGP5	5
607032.2	4122760	0.51252	59.14	59.14	1.5	ANNUAL	SRCGP5	5
607052.2	4122760	0.50501	59.43	59.43	1.5	ANNUAL	SRCGP5	5
605632.2	4122780	2.37929	55.85	55.85	1.5	ANNUAL	SRCGP5	5
605652.2	4122780	2.35504	55.45	55.45	1.5	ANNUAL	SRCGP5	5
605672.2	4122780	2.32821	55.53	55.53	1.5	ANNUAL	SRCGP5	5
605692.2	4122780	2.29904	55.97	55.97	1.5	ANNUAL	SRCGP5	5
605712.2	4122780	2.26691	56.36	56.36	1.5	ANNUAL	SRCGP5	5
605752.2	4122780	2.19668	55.83	55.83	1.5	ANNUAL	SRCGP5	5
605772.2	4122780	2.16187	56.24	56.24	1.5	ANNUAL	SRCGP5	5
605792.2	4122780	2.127	56.32	56.32	1.5	ANNUAL	SRCGP5	5
605812.2	4122780	2.09325	56.32	56.32	1.5	ANNUAL	SRCGP5	5
605872.2	4122780	2.0026	56.54	56.54	1.5	ANNUAL	SRCGP5	5
605892.2	4122780	1.97555	56.87	56.87	1.5	ANNUAL	SRCGP5	5
605912.2	4122780	1.94985	56.82	56.82	1.5	ANNUAL	SRCGP5	5
605952.2	4122780	1.89868	56.84	56.84	1.5	ANNUAL	SRCGP5	5
605992.2	4122780	1.84296	57.42	57.42	1.5	ANNUAL	SRCGP5	5
606112.2	4122780	1.62312	58.54	58.54	1.5	ANNUAL	SRCGP5	5
606132.2	4122780	1.57974	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606152.2	4122780	1.53595	58.85	58.85	1.5	ANNUAL	SRCGP5	5
606172.2	4122780	1.49168	58.83	58.83	1.5	ANNUAL	SRCGP5	5
606192.2	4122780	1.44725	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606212.2	4122780	1.40333	58.93	58.93	1.5	ANNUAL	SRCGP5	5
606232.2	4122780	1.35956	58.96	58.96	1.5	ANNUAL	SRCGP5	5
606252.2	4122780	1.31673	59.01	59.01	1.5	ANNUAL	SRCGP5	5
606272.2	4122780	1.27482	58.92	58.92	1.5	ANNUAL	SRCGP5	5
606292.2	4122780	1.23397	58.83	58.83	1.5	ANNUAL	SRCGP5	5
606312.2	4122780	1.19428	58.8	58.8	1.5	ANNUAL	SRCGP5	5
606352.2	4122780	1.11883	58.75	58.75	1.5	ANNUAL	SRCGP5	5
606372.2	4122780	1.08349	58.61	58.61	1.5	ANNUAL	SRCGP5	5
606392.2	4122780	1.04964	58.65	58.65	1.5	ANNUAL	SRCGP5	5
606412.2	4122780	1.01748	58.67	58.67	1.5	ANNUAL	SRCGP5	5

606432.2	4122780	0.98701	58.69	58.69	1.5	ANNUAL	SRCGP5	5
606452.2	4122780	0.95806	58.72	58.72	1.5	ANNUAL	SRCGP5	5
606472.2	4122780	0.93051	58.8	58.8	1.5	ANNUAL	SRCGP5	5
606492.2	4122780	0.90434	58.78	58.78	1.5	ANNUAL	SRCGP5	5
606512.2	4122780	0.87901	58.99	58.99	1.5	ANNUAL	SRCGP5	5
606532.2	4122780	0.85494	58.87	58.87	1.5	ANNUAL	SRCGP5	5
606552.2	4122780	0.83148	58.84	58.84	1.5	ANNUAL	SRCGP5	5
606572.2	4122780	0.80864	58.9	58.9	1.5	ANNUAL	SRCGP5	5
606592.2	4122780	0.78645	58.86	58.86	1.5	ANNUAL	SRCGP5	5
606852.2	4122780	0.57396	59.42	59.42	1.5	ANNUAL	SRCGP5	5
606872.2	4122780	0.56391	59.78	59.78	1.5	ANNUAL	SRCGP5	5
606892.2	4122780	0.55457	59.88	59.88	1.5	ANNUAL	SRCGP5	5
606912.2	4122780	0.54594	59.41	59.41	1.5	ANNUAL	SRCGP5	5
606932.2	4122780	0.53767	59.16	59.16	1.5	ANNUAL	SRCGP5	5
606952.2	4122780	0.52969	59.13	59.13	1.5	ANNUAL	SRCGP5	5
606972.2	4122780	0.52196	59.24	59.24	1.5	ANNUAL	SRCGP5	5
606992.2	4122780	0.51442	59.35	59.35	1.5	ANNUAL	SRCGP5	5
607012.2	4122780	0.50706	59.45	59.45	1.5	ANNUAL	SRCGP5	5
607032.2	4122780	0.49985	59.54	59.54	1.5	ANNUAL	SRCGP5	5
607052.2	4122780	0.49277	59.6	59.6	1.5	ANNUAL	SRCGP5	5
605632.2	4122800	2.27588	55.94	55.94	1.5	ANNUAL	SRCGP5	5
605652.2	4122800	2.25119	55.72	55.72	1.5	ANNUAL	SRCGP5	5
605672.2	4122800	2.22329	55.44	55.44	1.5	ANNUAL	SRCGP5	5
605692.2	4122800	2.19444	55.95	55.95	1.5	ANNUAL	SRCGP5	5
605712.2	4122800	2.16302	56.24	56.24	1.5	ANNUAL	SRCGP5	5
605732.2	4122800	2.12992	56.16	56.16	1.5	ANNUAL	SRCGP5	5
605772.2	4122800	2.06317	56.15	56.15	1.5	ANNUAL	SRCGP5	5
605872.2	4122800	1.91668	56.54	56.54	1.5	ANNUAL	SRCGP5	5
605892.2	4122800	1.89195	56.82	56.82	1.5	ANNUAL	SRCGP5	5
605912.2	4122800	1.86775	56.89	56.89	1.5	ANNUAL	SRCGP5	5
605952.2	4122800	1.81971	56.89	56.89	1.5	ANNUAL	SRCGP5	5
605992.2	4122800	1.76669	57.38	57.38	1.5	ANNUAL	SRCGP5	5
606032.2	4122800	1.70588	57.49	57.49	1.5	ANNUAL	SRCGP5	5
606112.2	4122800	1.55746	58.52	58.52	1.5	ANNUAL	SRCGP5	5
606352.2	4122800	1.08211	58.58	58.58	1.5	ANNUAL	SRCGP5	5
606372.2	4122800	1.04874	58.38	58.38	1.5	ANNUAL	SRCGP5	5
606392.2	4122800	1.01639	58.59	58.59	1.5	ANNUAL	SRCGP5	5
606412.2	4122800	0.98581	58.67	58.67	1.5	ANNUAL	SRCGP5	5
606432.2	4122800	0.95676	58.67	58.67	1.5	ANNUAL	SRCGP5	5
606452.2	4122800	0.92922	58.68	58.68	1.5	ANNUAL	SRCGP5	5
606472.2	4122800	0.903	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606492.2	4122800	0.87805	58.69	58.69	1.5	ANNUAL	SRCGP5	5
606512.2	4122800	0.85399	58.94	58.94	1.5	ANNUAL	SRCGP5	5
606532.2	4122800	0.83106	58.78	58.78	1.5	ANNUAL	SRCGP5	5
606552.2	4122800	0.80882	58.77	58.77	1.5	ANNUAL	SRCGP5	5
606572.2	4122800	0.78711	58.78	58.78	1.5	ANNUAL	SRCGP5	5
606672.2	4122800	0.68722	59.6	59.6	1.5	ANNUAL	SRCGP5	5
606692.2	4122800	0.66933	59.7	59.7	1.5	ANNUAL	SRCGP5	5
606712.2	4122800	0.65238	59.64	59.64	1.5	ANNUAL	SRCGP5	5
606732.2	4122800	0.63633	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606752.2	4122800	0.62127	59.35	59.35	1.5	ANNUAL	SRCGP5	5
606852.2	4122800	0.55959	59.84	59.84	1.5	ANNUAL	SRCGP5	5
606872.2	4122800	0.54977	59.89	59.89	1.5	ANNUAL	SRCGP5	5
606892.2	4122800	0.54067	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606912.2	4122800	0.53221	59.35	59.35	1.5	ANNUAL	SRCGP5	5
606932.2	4122800	0.52407	59.26	59.26	1.5	ANNUAL	SRCGP5	5
606952.2	4122800	0.51629	59.35	59.35	1.5	ANNUAL	SRCGP5	5
606972.2	4122800	0.50887	59.35	59.35	1.5	ANNUAL	SRCGP5	5
606992.2	4122800	0.50162	59.48	59.48	1.5	ANNUAL	SRCGP5	5
607012.2	4122800	0.49455	59.6	59.6	1.5	ANNUAL	SRCGP5	5
607032.2	4122800	0.48768	59.72	59.72	1.5	ANNUAL	SRCGP5	5
607052.2	4122800	0.48092	59.83	59.83	1.5	ANNUAL	SRCGP5	5
605632.2	4122820	2.17789	56.01	56.01	1.5	ANNUAL	SRCGP5	5

605652.2	4122820	2.15293	55.93	55.93	1.5	ANNUAL	SRCGP5	5
605672.2	4122820	2.1248	55.46	55.46	1.5	ANNUAL	SRCGP5	5
605692.2	4122820	2.09618	55.87	55.87	1.5	ANNUAL	SRCGP5	5
605712.2	4122820	2.06568	56.12	56.12	1.5	ANNUAL	SRCGP5	5
605732.2	4122820	2.03415	56.28	56.28	1.5	ANNUAL	SRCGP5	5
605832.2	4122820	1.88593	56.19	56.19	1.5	ANNUAL	SRCGP5	5
605852.2	4122820	1.86063	56.45	56.45	1.5	ANNUAL	SRCGP5	5
605872.2	4122820	1.83675	56.68	56.68	1.5	ANNUAL	SRCGP5	5
605892.2	4122820	1.81375	56.85	56.85	1.5	ANNUAL	SRCGP5	5
605912.2	4122820	1.79152	56.78	56.78	1.5	ANNUAL	SRCGP5	5
605952.2	4122820	1.74623	56.78	56.78	1.5	ANNUAL	SRCGP5	5
606672.2	4122820	0.67078	60.05	60.05	1.5	ANNUAL	SRCGP5	5
606692.2	4122820	0.65356	60.05	60.05	1.5	ANNUAL	SRCGP5	5
606712.2	4122820	0.63711	60.05	60.05	1.5	ANNUAL	SRCGP5	5
606732.2	4122820	0.62149	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606752.2	4122820	0.60681	59.76	59.76	1.5	ANNUAL	SRCGP5	5
606852.2	4122820	0.54617	59.81	59.81	1.5	ANNUAL	SRCGP5	5
606872.2	4122820	0.53649	59.66	59.66	1.5	ANNUAL	SRCGP5	5
606892.2	4122820	0.52748	59.52	59.52	1.5	ANNUAL	SRCGP5	5
606912.2	4122820	0.51912	59.24	59.24	1.5	ANNUAL	SRCGP5	5
606932.2	4122820	0.51117	59.17	59.17	1.5	ANNUAL	SRCGP5	5
606952.2	4122820	0.50347	59.58	59.58	1.5	ANNUAL	SRCGP5	5
606972.2	4122820	0.49628	59.5	59.5	1.5	ANNUAL	SRCGP5	5
606992.2	4122820	0.48932	59.61	59.61	1.5	ANNUAL	SRCGP5	5
607012.2	4122820	0.48254	59.73	59.73	1.5	ANNUAL	SRCGP5	5
607032.2	4122820	0.47591	59.84	59.84	1.5	ANNUAL	SRCGP5	5
607052.2	4122820	0.46948	59.95	59.95	1.5	ANNUAL	SRCGP5	5
605632.2	4122840	2.08507	56.04	56.04	1.5	ANNUAL	SRCGP5	5
605652.2	4122840	2.06003	56.02	56.02	1.5	ANNUAL	SRCGP5	5
605672.2	4122840	2.03237	55.61	55.61	1.5	ANNUAL	SRCGP5	5
605692.2	4122840	2.00359	55.54	55.54	1.5	ANNUAL	SRCGP5	5
605712.2	4122840	1.97465	56.03	56.03	1.5	ANNUAL	SRCGP5	5
605792.2	4122840	1.85811	55.98	55.98	1.5	ANNUAL	SRCGP5	5
605812.2	4122840	1.8321	56.36	56.36	1.5	ANNUAL	SRCGP5	5
605832.2	4122840	1.80735	56.44	56.44	1.5	ANNUAL	SRCGP5	5
605852.2	4122840	1.78412	56.61	56.61	1.5	ANNUAL	SRCGP5	5
605872.2	4122840	1.76216	56.67	56.67	1.5	ANNUAL	SRCGP5	5
605892.2	4122840	1.74099	56.62	56.62	1.5	ANNUAL	SRCGP5	5
605912.2	4122840	1.72001	56.64	56.64	1.5	ANNUAL	SRCGP5	5
606092.2	4122840	1.47411	57.96	57.96	1.5	ANNUAL	SRCGP5	5
606112.2	4122840	1.43888	57.62	57.62	1.5	ANNUAL	SRCGP5	5
606192.2	4122840	1.29127	57.89	57.89	1.5	ANNUAL	SRCGP5	5
606212.2	4122840	1.25419	58.17	58.17	1.5	ANNUAL	SRCGP5	5
606252.2	4122840	1.18173	58.37	58.37	1.5	ANNUAL	SRCGP5	5
606272.2	4122840	1.14639	58.44	58.44	1.5	ANNUAL	SRCGP5	5
606292.2	4122840	1.11199	58.42	58.42	1.5	ANNUAL	SRCGP5	5
606312.2	4122840	1.07851	58.42	58.42	1.5	ANNUAL	SRCGP5	5
606332.2	4122840	1.04589	58.29	58.29	1.5	ANNUAL	SRCGP5	5
606352.2	4122840	1.01436	58.35	58.35	1.5	ANNUAL	SRCGP5	5
606372.2	4122840	0.98407	58.21	58.21	1.5	ANNUAL	SRCGP5	5
606392.2	4122840	0.9551	58.27	58.27	1.5	ANNUAL	SRCGP5	5
606412.2	4122840	0.92713	58.38	58.38	1.5	ANNUAL	SRCGP5	5
606432.2	4122840	0.90072	58.49	58.49	1.5	ANNUAL	SRCGP5	5
606452.2	4122840	0.87559	58.48	58.48	1.5	ANNUAL	SRCGP5	5
606672.2	4122840	0.65518	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606692.2	4122840	0.63861	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606712.2	4122840	0.62268	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606732.2	4122840	0.60747	60.04	60.04	1.5	ANNUAL	SRCGP5	5
606752.2	4122840	0.59323	59.62	59.62	1.5	ANNUAL	SRCGP5	5
606852.2	4122840	0.53344	59.73	59.73	1.5	ANNUAL	SRCGP5	5
606872.2	4122840	0.52391	59.38	59.38	1.5	ANNUAL	SRCGP5	5
606892.2	4122840	0.515	59.24	59.24	1.5	ANNUAL	SRCGP5	5
606912.2	4122840	0.50669	59.1	59.1	1.5	ANNUAL	SRCGP5	5

606932.2	4122840	0.49885	59.07	59.07	1.5	ANNUAL	SRCGP5	5
606952.2	4122840	0.49126	59.74	59.74	1.5	ANNUAL	SRCGP5	5
606972.2	4122840	0.48423	59.69	59.69	1.5	ANNUAL	SRCGP5	5
606992.2	4122840	0.4775	59.74	59.74	1.5	ANNUAL	SRCGP5	5
607012.2	4122840	0.47098	59.86	59.86	1.5	ANNUAL	SRCGP5	5
607032.2	4122840	0.46461	59.97	59.97	1.5	ANNUAL	SRCGP5	5
607052.2	4122840	0.4584	60	60	1.5	ANNUAL	SRCGP5	5
606158.5	4121900	95.28549	57.39	313.5	1.5	ANNUAL	SRCGP5	5
606169	4121883	50.92849	57.41	313.5	1.5	ANNUAL	SRCGP5	5
606132.1	4121801	6.09566	57.52	313.5	1.5	ANNUAL	SRCGP5	5
606385	4122113	6.12347	61.43	61.43	1.5	ANNUAL	SRCGP5	5
606405	4122113	5.68318	61.72	61.72	1.5	ANNUAL	SRCGP5	5
606425	4122113	5.31664	61.52	61.52	1.5	ANNUAL	SRCGP5	5
606445	4122113	5.01099	60.48	60.48	1.5	ANNUAL	SRCGP5	5
606465	4122113	4.6998	59.09	59.09	1.5	ANNUAL	SRCGP5	5
606385	4122133	5.51652	61.8	61.8	1.5	ANNUAL	SRCGP5	5
606405	4122133	5.17637	61.32	61.32	1.5	ANNUAL	SRCGP5	5
606425	4122133	4.8942	60.86	60.86	1.5	ANNUAL	SRCGP5	5
606445	4122133	4.59855	60.28	60.28	1.5	ANNUAL	SRCGP5	5
606465	4122133	4.33271	59.15	59.15	1.5	ANNUAL	SRCGP5	5
606385	4122153	5.14437	60.69	61.52	1.5	ANNUAL	SRCGP5	5
606405	4122153	4.7923	60.54	60.54	1.5	ANNUAL	SRCGP5	5
606425	4122153	4.49426	60.21	60.21	1.5	ANNUAL	SRCGP5	5
606445	4122153	4.23297	59.8	59.8	1.5	ANNUAL	SRCGP5	5
606465	4122153	3.99731	59.25	59.25	1.5	ANNUAL	SRCGP5	5
606385	4122173	4.76567	57.94	61.91	1.5	ANNUAL	SRCGP5	5
606405	4122173	4.43192	58.59	60.32	1.5	ANNUAL	SRCGP5	5
606425	4122173	4.15441	58.64	58.64	1.5	ANNUAL	SRCGP5	5
606445	4122173	3.91982	57.99	59.8	1.5	ANNUAL	SRCGP5	5
606465	4122173	3.70567	58.06	59.47	1.5	ANNUAL	SRCGP5	5
606385	4122193	4.40396	57.29	57.29	1.5	ANNUAL	SRCGP5	5
606405	4122193	4.1047	57.3	57.3	1.5	ANNUAL	SRCGP5	5
606425	4122193	3.84981	57.36	57.36	1.5	ANNUAL	SRCGP5	5
606445	4122193	3.63271	57.02	57.02	1.5	ANNUAL	SRCGP5	5
606465	4122193	3.43846	57.48	58.37	1.5	ANNUAL	SRCGP5	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (22112): C:\Lakes\AERMOD View\Kaiser San Jose\Kaiser San Jose.isc 08/18/23
* AERMET (19191): 18:37:26
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: SRCGP10
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	1.0235	56.12	313.5	1.5	ANNUAL	SRCGP10	5	
605652.2	4121420	1.05763	56.27	313.5	1.5	ANNUAL	SRCGP10	5	
605672.2	4121420	1.09161	55.57	313.5	1.5	ANNUAL	SRCGP10	5	
605692.2	4121420	1.12913	55.91	313.5	1.5	ANNUAL	SRCGP10	5	
605712.2	4121420	1.16829	56.29	313.5	1.5	ANNUAL	SRCGP10	5	
605732.2	4121420	1.2085	56.54	313.5	1.5	ANNUAL	SRCGP10	5	
605752.2	4121420	1.2502	56.56	313.5	1.5	ANNUAL	SRCGP10	5	
605772.2	4121420	1.29359	56.68	313.5	1.5	ANNUAL	SRCGP10	5	
605792.2	4121420	1.33872	56.74	313.5	1.5	ANNUAL	SRCGP10	5	
605812.2	4121420	1.38559	56.85	313.5	1.5	ANNUAL	SRCGP10	5	
605832.2	4121420	1.43415	56.94	313.5	1.5	ANNUAL	SRCGP10	5	
605852.2	4121420	1.4845	56.97	313.5	1.5	ANNUAL	SRCGP10	5	
605872.2	4121420	1.53657	56.99	313.5	1.5	ANNUAL	SRCGP10	5	
605892.2	4121420	1.58973	57.31	313.5	1.5	ANNUAL	SRCGP10	5	
605912.2	4121420	1.64511	57.25	313.5	1.5	ANNUAL	SRCGP10	5	
605932.2	4121420	1.70168	57.32	313.5	1.5	ANNUAL	SRCGP10	5	
605952.2	4121420	1.75956	57.39	313.5	1.5	ANNUAL	SRCGP10	5	
605972.2	4121420	1.81881	57.4	313.5	1.5	ANNUAL	SRCGP10	5	
605992.2	4121420	1.87891	57.54	313.5	1.5	ANNUAL	SRCGP10	5	
606012.2	4121420	1.94026	57.65	313.5	1.5	ANNUAL	SRCGP10	5	
606032.2	4121420	2.00331	57.64	313.5	1.5	ANNUAL	SRCGP10	5	
606052.2	4121420	2.06788	57.67	313.5	1.5	ANNUAL	SRCGP10	5	
606072.2	4121420	2.1345	57.7	313.5	1.5	ANNUAL	SRCGP10	5	
606092.2	4121420	2.20423	57.58	313.5	1.5	ANNUAL	SRCGP10	5	
606112.2	4121420	2.27777	57.29	313.5	1.5	ANNUAL	SRCGP10	5	
606132.2	4121420	2.35287	57.65	313.5	1.5	ANNUAL	SRCGP10	5	
606152.2	4121420	2.43314	57.77	313.5	1.5	ANNUAL	SRCGP10	5	
606172.2	4121420	2.51829	57.87	313.5	1.5	ANNUAL	SRCGP10	5	
606192.2	4121420	2.60891	57.9	313.5	1.5	ANNUAL	SRCGP10	5	
606212.2	4121420	2.70521	57.87	313.5	1.5	ANNUAL	SRCGP10	5	
606232.2	4121420	2.80674	57.92	313.5	1.5	ANNUAL	SRCGP10	5	
606252.2	4121420	2.91429	57.96	313.5	1.5	ANNUAL	SRCGP10	5	
606272.2	4121420	3.02835	58.02	313.5	1.5	ANNUAL	SRCGP10	5	
606292.2	4121420	3.14987	58.1	313.5	1.5	ANNUAL	SRCGP10	5	
606312.2	4121420	3.28016	58.18	313.5	1.5	ANNUAL	SRCGP10	5	
606332.2	4121420	3.42123	58.12	313.5	1.5	ANNUAL	SRCGP10	5	
606352.2	4121420	3.57212	58.13	313.5	1.5	ANNUAL	SRCGP10	5	
606372.2	4121420	3.73195	58.21	313.5	1.5	ANNUAL	SRCGP10	5	
606392.2	4121420	3.89979	58.18	313.5	1.5	ANNUAL	SRCGP10	5	
606412.2	4121420	4.07005	58.25	313.5	1.5	ANNUAL	SRCGP10	5	
606432.2	4121420	4.23648	58.51	313.5	1.5	ANNUAL	SRCGP10	5	
606452.2	4121420	4.40042	58.21	313.5	1.5	ANNUAL	SRCGP10	5	
606472.2	4121420	4.55032	57.94	313.5	1.5	ANNUAL	SRCGP10	5	
606492.2	4121420	4.67794	58.01	313.5	1.5	ANNUAL	SRCGP10	5	
606512.2	4121420	4.77928	58.38	313.5	1.5	ANNUAL	SRCGP10	5	
606532.2	4121420	4.85663	58.56	313.5	1.5	ANNUAL	SRCGP10	5	
606552.2	4121420	4.91208	58.28	313.5	1.5	ANNUAL	SRCGP10	5	
606572.2	4121420	4.93945	58.14	313.5	1.5	ANNUAL	SRCGP10	5	
606592.2	4121420	4.93569	58.6	313.5	1.5	ANNUAL	SRCGP10	5	
606612.2	4121420	4.9132	58.68	313.5	1.5	ANNUAL	SRCGP10	5	
606632.2	4121420	4.87134	58.71	313.5	1.5	ANNUAL	SRCGP10	5	
606652.2	4121420	4.81273	58.72	313.5	1.5	ANNUAL	SRCGP10	5	
606672.2	4121420	4.7392	58.81	313.5	1.5	ANNUAL	SRCGP10	5	
606692.2	4121420	4.65464	58.86	313.5	1.5	ANNUAL	SRCGP10	5	
606712.2	4121420	4.56091	58.92	313.5	1.5	ANNUAL	SRCGP10	5	

606732.2	4121420	4.4603	58.96	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121420	4.35369	59.07	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121420	4.24332	59.16	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121420	4.13007	59.26	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121420	4.01436	59.44	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121420	3.89893	59.46	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121420	3.78235	59.58	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121420	3.66721	59.53	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121420	3.5518	59.61	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121420	3.43735	59.72	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121420	3.32544	59.66	313.5	1.5	ANNUAL	SRCGP10	5
606952.2	4121420	3.21746	59.18	313.5	1.5	ANNUAL	SRCGP10	5
606972.2	4121420	3.10672	59.62	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121420	2.99939	59.87	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121420	2.89589	59.87	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121420	2.79719	59.37	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121420	2.69865	59.49	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121440	1.056	56.05	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121440	1.09225	56.13	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121440	1.12834	55.38	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121440	1.16933	56.09	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121440	1.21112	56.42	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121440	1.25415	56.49	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121440	1.29908	56.49	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121440	1.34594	56.63	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121440	1.39478	56.78	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121440	1.44566	56.87	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121440	1.49852	56.94	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121440	1.55348	56.97	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121440	1.61043	57.02	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121440	1.66919	57.15	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121440	1.72993	57.22	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121440	1.79238	57.31	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121440	1.8566	57.34	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121440	1.92233	57.37	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121440	1.98924	57.49	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121440	2.05757	57.6	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121440	2.12767	57.63	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121440	2.19953	57.68	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121440	2.27354	57.76	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121440	2.35171	57.5	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121440	2.4335	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121440	2.51741	57.57	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121440	2.60676	57.76	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121440	2.70244	57.79	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121440	2.80418	57.82	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121440	2.91201	57.9	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121440	3.0273	57.84	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121440	3.14875	57.95	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121440	3.27793	58.09	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121440	3.41728	58.08	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121440	3.56694	58.11	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121440	3.72726	58.26	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4121440	3.89949	58.36	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121440	4.08153	58.47	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121440	4.27062	58.51	313.5	1.5	ANNUAL	SRCGP10	5
606412.2	4121440	4.46133	58.5	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121440	4.64705	58.44	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121440	4.82493	57.94	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121440	4.97659	58.07	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121440	5.10277	58.23	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121440	5.20452	58	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121440	5.27384	57.91	313.5	1.5	ANNUAL	SRCGP10	5

606552.2	4121440	5.31083	57.95	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121440	5.31531	58.26	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121440	5.29457	58.41	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121440	5.2505	58.52	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121440	5.18602	58.64	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121440	5.10469	58.76	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121440	5.01028	58.83	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121440	4.90463	58.94	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121440	4.79139	58.98	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121440	4.67204	59	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121440	4.54758	59.07	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121440	4.42039	59.09	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121440	4.29114	59.11	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121440	4.16062	59.15	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121440	4.02953	59.23	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121440	3.89912	59.28	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121440	3.7696	59.35	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121440	3.64183	59.39	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121440	3.51586	59.46	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121440	3.39209	59.56	313.5	1.5	ANNUAL	SRCGP10	5
606952.2	4121440	3.27391	59.12	313.5	1.5	ANNUAL	SRCGP10	5
606972.2	4121440	3.1532	59.72	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121440	3.03833	59.82	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121440	2.92727	59.83	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121440	2.82069	59.6	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121440	2.71787	59.27	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121460	1.08988	56.11	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121460	1.12795	55.9	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121460	1.16703	55.4	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121460	1.21097	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121460	1.25568	56.46	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121460	1.30198	56.39	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121460	1.34909	55.88	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121460	1.39991	55.96	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121460	1.45333	56.13	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121460	1.50883	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121460	1.56688	56.31	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121460	1.62726	56.41	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121460	1.68983	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121460	1.75479	56.58	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121460	1.82203	56.68	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121460	1.89144	56.82	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121460	1.96292	56.86	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121460	2.03594	57.01	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121460	2.11101	57.03	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121460	2.18741	57.17	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121460	2.26564	57.29	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121460	2.3461	57.35	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121460	2.4297	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121460	2.5166	57.14	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121460	2.60688	57.2	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121460	2.70246	57.18	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121460	2.80366	57.21	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121460	2.91126	57.28	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121460	3.02599	57.35	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121460	3.14868	57.35	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121460	3.27918	57.38	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121460	3.418	57.46	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121460	3.56642	57.55	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121460	3.72618	57.62	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121460	3.89859	57.7	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121460	4.08367	57.89	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4121460	4.28227	58	313.5	1.5	ANNUAL	SRCGP10	5

606372.2	4121460	4.49048	58.15	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121460	4.70497	58.16	313.5	1.5	ANNUAL	SRCGP10	5
606412.2	4121460	4.91688	58.19	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121460	5.11939	58.11	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121460	5.30494	57.85	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121460	5.45439	58.35	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121460	5.57643	58.47	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121460	5.66627	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121460	5.72101	58.19	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121460	5.74087	57.99	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121460	5.72718	57.88	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121460	5.68292	57.93	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121460	5.6132	58.06	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121460	5.52267	58.23	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121460	5.41593	58.38	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121460	5.29626	58.53	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121460	5.16722	58.63	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121460	5.03141	58.67	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121460	4.89052	58.68	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121460	4.74605	58.68	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121460	4.59931	58.68	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121460	4.45131	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121460	3.0679	59.77	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121460	2.94984	59.72	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121460	2.83619	59.63	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121460	2.72829	59.14	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121480	1.12512	56.28	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121480	1.1647	55.6	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121480	1.20782	55.65	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121480	1.25437	56.22	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121480	1.3022	56.48	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121480	1.35143	56.14	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121480	1.40238	55.72	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121480	1.45826	56.08	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121480	1.5159	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121480	1.57622	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121480	1.63918	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121480	1.70515	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121480	1.77419	56.32	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121480	1.84605	56.38	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121480	1.92047	56.43	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121480	1.99759	56.51	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121480	2.07726	56.52	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121480	2.15926	56.66	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121480	2.2435	56.66	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121480	2.32983	56.69	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121480	2.41822	56.84	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121480	2.50833	57.06	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121480	2.60091	57.31	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121480	2.69816	57.3	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121480	2.8003	57.23	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121480	2.90707	57.37	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121480	3.02133	57.37	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121480	3.14326	57.39	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121480	3.27364	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121480	3.41375	57.35	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121480	3.56281	57.39	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121480	3.72228	57.44	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121480	3.89341	57.52	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121480	4.07866	57.55	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121480	4.27879	57.64	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121480	4.49446	57.76	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4121480	4.72427	57.87	313.5	1.5	ANNUAL	SRCGP10	5

606372.2	4121480	4.96252	58.06	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121480	5.20459	58.09	313.5	1.5	ANNUAL	SRCGP10	5
606412.2	4121480	5.4422	57.89	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121480	5.66149	57.73	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121480	5.84876	57.9	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121480	5.99953	58.14	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121480	6.1095	58.4	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121480	6.17961	58.5	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121480	6.20987	58.49	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121480	6.20296	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121480	6.15991	58.34	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121480	6.08618	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121480	5.98878	58.32	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121480	5.87129	58.27	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121480	5.73765	58.25	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121480	5.59149	58.27	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121480	5.43623	58.31	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121480	5.27459	58.36	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121480	5.10833	58.46	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121480	4.93946	58.59	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121480	4.77013	58.68	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121480	4.60121	58.76	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121480	3.08653	59.83	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121480	2.96336	59.41	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121480	2.84409	59.21	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121480	2.72937	59.13	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121500	1.16084	56.09	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121500	1.20314	55.49	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121500	1.25044	56.02	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121500	1.29967	56.36	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121500	1.35072	56.42	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121500	1.40233	55.68	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121500	1.46033	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121500	1.5202	56.64	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121500	1.58261	56.7	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121500	1.64816	56.83	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121500	1.71701	56.85	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121500	1.78923	56.86	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121500	1.86468	56.96	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121500	1.94344	57.08	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121500	2.02589	57.09	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121500	2.1114	57.18	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121500	2.20052	57.13	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121500	2.29211	57.23	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121500	2.38687	57.21	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121500	2.48535	56.92	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121500	2.58501	56.99	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121500	2.68464	57.64	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121500	2.78938	57.83	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121500	2.90118	57.47	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121500	3.0174	57.27	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121500	3.13739	57.55	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121500	3.26492	57.84	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121500	3.40473	57.68	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121500	3.55286	57.78	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121500	3.7128	57.77	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121500	3.88425	57.79	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121500	4.06768	57.91	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121500	4.26588	58.01	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121500	4.48172	58.03	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121500	4.71454	58.18	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121500	4.96696	58.21	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4121500	5.23354	58.29	313.5	1.5	ANNUAL	SRCGP10	5

606372.2	4121500	5.50662	58.44	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121500	5.77938	58.43	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121500	6.27746	57.81	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121500	6.47218	57.65	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121500	6.61786	57.7	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121500	6.70957	58.02	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121500	6.75332	58.22	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121500	6.74907	58.47	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121500	6.70566	58.54	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121500	6.6263	58.58	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121500	6.51711	58.59	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121500	6.38266	58.65	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121500	6.22979	58.67	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121500	6.06231	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121500	5.8847	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121500	5.69842	58.8	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121500	5.5083	58.84	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121500	5.31535	58.91	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121500	5.12142	59.01	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121500	4.92856	59.09	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121500	4.739	59.04	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121500	3.09421	59.84	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121500	2.96336	59.76	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121500	2.83874	59.62	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121500	2.72108	59.17	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121520	1.19695	55.62	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121520	1.24363	55.67	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121520	1.29392	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121520	1.34644	56.37	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121520	1.4007	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121520	1.45612	55.47	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121520	1.51993	56.33	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121520	1.5844	56.64	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121520	1.65223	56.78	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121520	1.72375	56.82	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121520	1.79912	56.78	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121520	1.87843	56.81	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121520	1.96183	56.81	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121520	2.04904	56.98	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121520	2.14075	56.97	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121520	2.23639	57.01	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121520	2.33573	57.12	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121520	2.43889	57.2	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121520	2.54578	57.22	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121520	2.65769	56.77	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121520	2.77102	56.91	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121520	2.88451	57.54	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121520	3.00305	57.84	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121520	3.12996	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121520	3.26249	57.29	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121520	3.402	57.16	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121520	3.54994	57.17	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121520	3.70911	57.15	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121520	3.87921	57.3	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121520	4.06425	57.26	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121520	4.26229	57.38	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121520	4.47775	57.35	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121520	4.70522	57.9	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121520	4.95834	57.98	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121520	5.23593	57.89	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121520	5.53283	57.91	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4121520	5.84458	57.92	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121520	6.15996	57.95	313.5	1.5	ANNUAL	SRCGP10	5

606432.2	4121520	6.9816	58.1	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121520	7.16808	58.17	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121520	7.30028	58.06	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121520	7.37457	57.85	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121520	7.38808	57.81	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121520	7.34562	57.98	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121520	7.25633	58.24	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121520	7.13061	58.44	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121520	6.97668	58.54	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121520	6.79959	58.63	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121520	6.60403	58.78	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121520	6.39877	58.76	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121520	6.18213	58.92	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121520	5.96193	58.98	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121520	5.73965	59.01	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121520	5.51634	59.1	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121520	5.29499	59.16	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121520	5.07737	59.16	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121520	4.86403	59.15	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121520	4.25547	59.44	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121520	4.06701	59.43	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121520	3.88783	59.12	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121520	3.71326	59.23	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121520	3.54658	59.3	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121520	3.08948	59.98	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121520	2.95294	59.99	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121520	2.82368	59.92	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121520	2.70337	59.26	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121540	1.23456	55.39	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121540	1.28593	56.05	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121540	1.33898	56.25	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121540	1.39483	56.34	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121540	1.45378	56.37	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121540	1.51255	55.37	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121540	1.58205	56.42	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121540	1.65182	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121540	1.72566	56.43	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121540	1.80372	56.71	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121540	1.88632	56.62	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121540	1.97345	56.35	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121540	2.06564	56.66	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121540	2.16264	56.85	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121540	2.26477	56.84	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121540	2.37208	56.58	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121540	2.48415	56.81	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121540	2.60053	57	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121540	2.72129	57.14	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121540	2.84841	56.64	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121540	2.97798	56.86	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121540	3.1083	57.44	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121540	3.24356	57.82	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121540	3.3894	57.45	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121540	3.54099	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121540	3.69857	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121540	3.86901	57.36	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121540	4.05218	57.36	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121540	4.2495	57.45	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121540	4.46318	57.54	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121540	4.6967	57.46	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121540	4.94805	57.58	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121540	5.21984	57.88	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121540	5.52077	57.92	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121540	5.84672	58.05	313.5	1.5	ANNUAL	SRCGP10	5

606332.2	4121540	6.19808	58.01	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4121540	6.56097	58.04	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121540	8.06806	58.32	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121540	8.1	58.3	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121540	8.06759	58.26	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121540	7.97904	58.2	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121540	7.84528	58.04	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121540	7.67095	58.01	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121540	7.46494	58.12	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121540	7.23734	58.24	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121540	6.99416	58.39	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121540	6.74213	58.48	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121540	6.48383	58.61	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121540	6.22408	58.69	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121540	5.96513	58.75	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121540	5.70843	58.85	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121540	5.45704	58.89	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121540	5.2118	58.91	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121540	4.97287	59.01	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121540	4.30552	59.44	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121540	4.10367	59.28	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121540	3.91037	59.2	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121540	3.72531	59.28	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121540	3.07273	60.12	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121540	2.93241	60.04	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121540	2.80013	59.88	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121540	2.6767	59.32	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121560	1.27359	55.31	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121560	1.32687	55.47	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121560	1.38407	55.85	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121560	1.4439	55.96	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121560	1.50735	56.05	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121560	1.57139	55.3	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121560	1.64619	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121560	1.72207	56.27	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121560	1.80212	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121560	1.8882	56.51	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121560	1.97879	56.46	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121560	2.07305	56.05	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121560	2.17672	56.53	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121560	2.28451	56.71	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121560	2.39853	56.66	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121560	2.5165	56.08	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121560	2.64532	56.53	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121560	2.77741	56.94	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121560	2.91496	57.09	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121560	3.06022	56.53	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121560	3.2091	56.8	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121560	3.36008	57.31	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121560	3.51501	57.84	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121560	3.68424	57.36	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121560	3.85903	57.19	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121560	4.04004	57.47	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121560	4.23689	57.45	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121560	4.44868	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121560	4.68091	57.44	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121560	4.93126	57.55	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121560	5.20548	57.56	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121560	5.50731	57.43	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121560	5.83489	57.55	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121560	6.19376	57.71	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121560	6.58327	57.88	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121560	7.00281	57.72	313.5	1.5	ANNUAL	SRCGP10	5

606412.2	4121560	8.51062	57.97	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121560	8.91368	58.25	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121560	8.81044	58.57	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121560	8.65655	58.57	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121560	8.45585	58.54	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121560	8.21885	58.5	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121560	7.95546	58.44	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121560	7.67334	58.38	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121560	7.37831	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121560	7.07673	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121560	6.77256	58.41	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121560	6.47002	58.45	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121560	6.17192	58.49	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121560	5.87997	58.57	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121560	5.59663	58.63	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121560	5.32303	58.68	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121560	4.11926	59.31	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121560	3.91395	59.35	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121560	3.71947	59.45	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121560	3.04483	60.12	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121560	2.90362	59.57	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121560	2.7689	59.38	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121560	2.64164	59.31	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121580	1.31551	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121580	1.37181	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121580	1.43072	55.58	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121580	1.49429	55.57	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121580	1.5617	55.5	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121580	1.63353	55.45	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121580	1.71072	55.54	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121580	1.79295	55.62	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121580	1.88051	55.68	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121580	1.97421	55.8	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121580	2.074	55.9	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121580	2.17976	55.91	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121580	2.29215	55.89	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121580	2.41128	55.82	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121580	2.53884	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121580	2.67367	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121580	2.81807	56.04	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121580	2.9699	56.16	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121580	3.12955	56.29	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121580	3.295	56.29	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121580	3.46817	56.77	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121580	3.64352	57.28	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121580	3.82472	57.7	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121580	4.02153	57.23	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121580	4.22437	57.13	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121580	4.43571	57.37	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121580	4.66444	57.44	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121580	4.91319	57.47	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121580	5.18877	57.23	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121580	5.48286	57.51	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121580	5.80955	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121580	6.17144	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121580	6.56634	57.57	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121580	7.00104	57.71	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121580	7.47029	57.89	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121580	7.96981	57.73	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121580	9.31635	57.88	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121580	9.63247	58.27	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121580	9.38971	58.53	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121580	9.10477	58.67	313.5	1.5	ANNUAL	SRCGP10	5

606572.2	4121580	8.78882	58.74	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121580	8.45206	58.75	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121580	8.10179	58.75	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121580	7.74357	58.81	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121580	7.38464	58.86	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121580	7.02884	58.93	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121580	6.67904	59.06	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121580	6.34277	58.93	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121580	6.01494	59	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121580	5.70032	59.05	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121580	5.39991	59.07	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121580	4.58238	59.51	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121580	4.33996	59.57	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121580	4.11208	59.57	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121580	3.89731	59.63	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121580	3.69605	59.62	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121580	3.00543	60.13	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121580	2.86124	59.82	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121580	2.72526	59.67	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121580	2.59825	59.39	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121600	1.35758	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121600	1.41776	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121600	1.48137	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121600	1.54951	56.1	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121600	1.62265	56.19	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121600	1.70076	56.26	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121600	1.7843	56.33	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121600	1.87359	56.39	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121600	1.96894	56.43	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121600	2.071	56.51	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121600	2.18025	56.53	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121600	2.29719	56.53	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121600	2.42233	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121600	2.55614	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121600	2.69906	56.58	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121600	2.85153	56.55	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121600	3.01379	56.57	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121600	3.18593	56.64	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121600	3.36782	56.73	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121600	3.55908	56.86	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121600	3.75837	57	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121600	3.96512	57.21	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121600	4.17772	57.62	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121600	4.4087	57.16	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121600	4.64695	57.07	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121600	4.89547	57.31	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121600	5.16557	57.34	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121600	5.46081	57.31	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121600	5.78418	57.34	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121600	6.14268	57.26	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121600	6.5344	57.41	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121600	6.97021	57.49	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121600	7.45171	57.68	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121600	7.98456	57.77	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121600	8.55986	57.76	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4121600	9.15221	57.72	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121600	9.37682	58.54	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121600	8.95238	58.66	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121600	8.51965	58.87	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121600	8.0912	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121600	7.66925	59.03	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121600	7.25746	59.14	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121600	6.86078	59.18	313.5	1.5	ANNUAL	SRCGP10	5

606712.2	4121600	6.48001	59.22	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121600	6.11583	59.32	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121600	5.77021	59.41	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121600	5.44422	59.43	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121600	4.08482	59.63	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121600	3.8635	59.59	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121600	3.6573	59.48	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121600	3.46436	59.44	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121600	2.95525	60.16	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121600	2.80945	60.07	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121600	2.67321	59.99	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121600	2.54792	59.41	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121620	1.39145	53.92	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121620	1.45439	53.91	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121620	1.52342	54.22	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121620	1.59662	54.4	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121620	1.67503	54.57	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121620	1.75963	54.82	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121620	1.85029	55.04	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121620	1.94691	55.14	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121620	2.05121	55.3	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121620	2.16303	55.41	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121620	2.28318	55.5	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121620	2.41283	55.63	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121620	2.55265	55.79	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121620	2.70329	55.97	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121620	2.86457	56.08	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121620	3.03733	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121620	3.22273	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121620	3.42108	56.34	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121620	3.63151	56.56	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121620	3.85394	56.66	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121620	4.08834	56.77	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121620	4.33298	56.98	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121620	4.58628	57.27	313.5	1.5	ANNUAL	SRCGP10	5
606092.2	4121620	4.85707	57.06	313.5	1.5	ANNUAL	SRCGP10	5
606112.2	4121620	5.13975	56.99	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121620	5.43844	57.02	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121620	5.76058	57.04	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121620	6.11417	57	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121620	6.50261	57.08	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121620	6.93528	57.1	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121620	7.40771	57.52	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121620	7.94474	57.59	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121620	8.54881	57.52	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121620	9.21002	57.57	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121620	9.91362	57.57	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121620	12.17881	58.45	313.5	1.5	ANNUAL	SRCGP10	5
606412.2	4121620	12.40148	58.63	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121620	12.46848	58.54	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121620	11.83807	58.13	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121620	11.43225	58.08	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121620	4.03684	59.61	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121620	3.81056	59.59	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121620	3.60098	59.49	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121620	3.40588	59.46	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121620	2.89751	59.81	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121620	2.75186	59.81	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121620	2.61688	59.67	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121620	2.4916	59.39	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121640	1.44079	55.44	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121640	1.50815	55.43	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121640	1.58029	55.4	313.5	1.5	ANNUAL	SRCGP10	5

605692.2	4121640	1.65772	55.37	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121640	1.74101	55.36	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121640	1.83057	55.34	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121640	1.92726	55.36	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121640	2.03119	55.33	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121640	2.14277	55.23	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121640	2.2634	55.16	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121640	2.39276	55	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121640	2.53347	54.94	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121640	2.68459	54.81	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121640	2.84858	54.74	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121640	3.02631	54.71	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121640	3.21797	54.67	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121640	3.41426	54.17	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121640	3.62889	53.9	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121640	3.88074	54.41	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121640	4.14097	54.59	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121640	4.41245	54.6	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121640	4.69726	54.56	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121640	4.99316	54.45	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121640	7.35695	57.43	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121640	7.87917	57.75	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121640	8.45814	58.28	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121640	9.13063	58.28	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121640	9.90266	57.87	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121640	10.738	57.71	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121640	11.59036	57.94	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121640	12.93795	58.39	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121640	12.36425	58.5	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121640	11.75545	58.45	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121640	11.12179	58.52	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121640	10.48825	58.48	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121640	9.86162	58.5	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121640	9.25504	58.43	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121640	8.6699	58.48	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121640	3.52905	59.56	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121640	3.33355	59.6	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121640	2.82907	59.93	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121640	2.68513	59.99	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121640	2.55334	59.63	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121640	2.43055	59.29	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121660	1.48618	55.82	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121660	1.55793	55.88	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121660	1.63525	55.98	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121660	1.71839	56.04	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121660	1.80798	56.08	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121660	1.90495	56.16	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121660	2.01015	56.3	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121660	2.12344	56.31	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121660	2.24664	56.41	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121660	2.37997	56.49	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121660	2.52485	56.53	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121660	2.68241	56.62	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121660	2.85395	56.48	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121660	3.04069	56.48	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121660	3.24402	56.43	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121660	3.46532	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121660	3.70594	56.62	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121660	3.96721	56.69	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121660	4.2502	56.7	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121660	4.55531	56.82	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121660	4.88208	56.93	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121660	5.23018	57	313.5	1.5	ANNUAL	SRCGP10	5

606072.2	4121660	5.59809	57.11	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121660	6.82832	57.5	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121660	7.30049	57.54	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121660	7.82636	57.43	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121660	8.4097	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121660	9.06445	57.77	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121660	9.79992	58.2	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121660	10.65143	58.32	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121660	11.61708	58.3	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121660	12.66965	58.19	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121660	13.72568	58.25	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121660	16.04502	57.91	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121660	15.45215	57.82	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121660	14.08705	58.24	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121660	13.31299	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121660	12.51612	58.56	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121660	11.72495	58.67	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121660	10.95289	58.76	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121660	10.21158	58.81	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121660	9.50875	58.79	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121660	8.8455	58.82	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121660	8.2234	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121660	7.64659	59.01	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121660	7.11188	59.12	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121660	6.61975	59.16	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121660	6.16579	59.27	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121660	5.75017	59.27	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121660	5.37126	59.04	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121660	2.75427	59.98	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121660	2.61361	60	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121660	2.48504	59.61	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121660	2.36532	59.27	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121680	2.65074	56.38	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121680	2.82455	56.63	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121680	3.01505	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121680	3.22094	56.13	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121680	3.44862	56.06	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121680	3.70051	56.13	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121680	3.97818	56.27	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121680	4.2822	56.39	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121680	4.6127	56.44	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121680	4.97296	56.56	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121680	5.3638	56.65	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121680	5.78508	56.75	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121680	6.23532	56.9	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121680	11.53875	57.61	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121680	12.64835	57.79	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121680	13.92299	57.57	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121680	15.27704	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121680	18.85378	58	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121680	18.87339	57.92	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121680	17.91015	58.24	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121680	11.33613	58.51	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121680	10.47904	58.53	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121680	9.68017	58.6	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121680	8.9414	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121680	8.26265	58.79	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121680	7.64065	58.91	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121680	7.07341	58.99	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121680	6.55513	59.15	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121680	6.08458	59.22	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121680	5.65723	59.22	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121680	5.27151	58.93	313.5	1.5	ANNUAL	SRCGP10	5

606992.2	4121680	2.67458	59.99	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121680	2.53788	60.02	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121680	2.41307	59.66	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121680	2.29708	59.33	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121700	1.57859	56.02	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121700	1.65905	56.16	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121700	1.74543	56.13	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121700	1.83931	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121700	1.94108	56.18	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121700	2.05255	56.34	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121700	2.17287	56.27	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121700	2.30516	56.35	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121700	2.44918	56.31	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121700	2.78119	56.3	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121700	2.97331	56.64	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121700	3.18452	56.58	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121700	3.41417	56.1	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121700	3.66971	55.98	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121700	3.95694	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121700	4.27311	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121700	4.62461	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121700	5.01287	56.3	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121700	5.44061	56.33	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121700	5.91148	56.43	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121700	6.42424	56.47	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121700	6.97996	56.55	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121700	9.63779	57.05	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121700	10.46893	57.03	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121700	11.40611	57.26	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121700	12.49247	57.51	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121700	13.77059	57.64	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121700	15.25331	57.79	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121700	16.93735	57.66	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121700	18.68476	57.48	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121700	22.22581	58.1	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121700	21.8591	58.07	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121700	20.03369	58.3	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121700	17.55948	58.11	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121700	16.25641	58.18	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121700	14.98759	58.17	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121700	13.78368	57.97	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121700	6.97138	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121700	6.43941	58.8	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121700	5.96054	58.83	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121700	5.52752	58.92	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121700	5.13839	58.82	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121700	2.59107	60.06	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121700	2.45889	60.15	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121700	2.33839	59.85	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121700	2.22733	59.36	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121720	1.62694	56.06	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121720	1.71145	56.11	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121720	1.80323	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121720	1.90331	56.37	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121720	2.0116	56.42	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121720	2.12974	56.44	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121720	2.25899	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121720	2.40074	56.56	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121720	2.55619	56.32	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121720	2.9167	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121720	3.12863	56.58	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121720	3.36226	56.54	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121720	3.61847	56.11	313.5	1.5	ANNUAL	SRCGP10	5

605912.2	4121720	3.91032	56.25	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121720	4.23642	56.64	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121720	4.59899	56.7	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121720	5.00486	56.8	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121720	5.45906	56.89	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121720	5.96726	56.89	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121720	6.53296	56.93	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121720	7.15678	57.1	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121720	7.84688	57.13	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121720	10.30802	56.84	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121720	11.26483	56.98	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121720	12.34472	56.97	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121720	13.5779	57.19	313.5	1.5	ANNUAL	SRCGP10	5
606212.2	4121720	15.03121	57.44	313.5	1.5	ANNUAL	SRCGP10	5
606232.2	4121720	16.76474	57.64	313.5	1.5	ANNUAL	SRCGP10	5
606252.2	4121720	18.80538	57.74	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4121720	21.06591	57.76	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121720	23.32802	57.52	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121720	26.20985	58.17	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121720	25.2434	57.99	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121720	22.18006	58.42	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121720	18.7693	58.2	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121720	17.11098	58.35	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121720	15.55683	58.5	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121720	14.14708	58.11	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121720	12.84048	58.3	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121720	11.65657	58.63	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121720	10.60588	58.56	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121720	9.67138	58.23	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121720	8.82815	58.28	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121720	8.07397	58.44	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121720	7.40295	58.51	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121720	6.80642	58.43	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121720	6.27073	58.53	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121720	5.79111	58.65	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121720	5.36177	58.72	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121720	4.97717	58.69	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121720	2.50558	60.13	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121720	2.37966	60.03	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121720	2.26437	59.65	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121720	2.15675	59.45	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121740	1.67641	55.82	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121740	1.76504	55.8	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121740	1.86245	56.02	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121740	1.9688	56.29	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121740	2.08405	56.37	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121740	2.20875	56.18	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121740	2.3471	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121740	2.5	56.48	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121740	2.66711	56.28	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121740	3.05854	56.19	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121740	3.2908	56.57	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121740	3.54842	56.47	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121740	3.83249	56.07	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121740	4.15882	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121740	4.52951	56.62	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121740	4.94457	56.72	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121740	5.41361	56.96	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121740	5.94747	56.96	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121740	6.55478	56.9	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121740	7.23978	56.98	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121740	8.0151	56.99	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121740	8.88153	57.09	313.5	1.5	ANNUAL	SRCGP10	5

606392.2	4121740	28.87459	57.93	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121740	24.18245	58.53	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121740	19.70562	58.31	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121740	17.68447	58.55	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121740	15.87277	58.58	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121740	14.27433	58.15	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121740	12.83138	58.38	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121740	11.55166	58.81	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121740	10.43934	58.81	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121740	9.47244	58.35	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121740	8.60585	58.52	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121740	7.83851	58.87	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121740	7.16208	59.18	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121740	6.57814	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121740	6.049	58.88	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121740	5.57556	59.26	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121740	5.15681	59.4	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121740	4.79074	58.84	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121740	4.45307	59.09	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121740	4.14837	59.44	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121740	3.87622	59.51	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121740	3.62898	59.7	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121740	3.40651	59.67	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121740	3.20323	59.76	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121740	3.01808	59.82	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121740	2.84894	59.86	313.5	1.5	ANNUAL	SRCGP10	5
606952.2	4121740	2.69406	59.88	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121740	2.42193	59.68	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121740	2.30118	59.66	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121740	2.18923	59.72	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121740	2.08596	59.67	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121760	1.72933	55.76	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121760	1.92434	55.75	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121760	2.03778	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121760	2.15962	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121760	2.43941	56.08	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121760	2.60419	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121760	2.78344	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121760	3.20758	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121760	3.46089	56.59	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121760	3.74322	56.33	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121760	4.05518	55.9	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121760	4.41752	55.93	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121760	4.83689	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121760	5.3121	56.29	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121760	5.85821	56.74	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121760	6.48467	56.81	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121760	7.20821	56.76	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121760	8.04374	56.78	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121760	9.00755	56.78	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121760	10.1139	56.83	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121760	35.73083	57.94	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121760	25.80722	58.53	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121760	20.23316	58.37	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121760	17.88708	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121760	15.86905	58.59	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121760	14.13114	58.16	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121760	12.60046	58.4	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121760	11.26884	58.87	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121760	10.13139	58.9	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121760	9.15755	58.46	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121760	8.29488	58.61	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121760	7.53771	58.96	313.5	1.5	ANNUAL	SRCGP10	5

606672.2	4121760	6.8763	59.24	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121760	6.30785	58.84	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121760	5.79652	59	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121760	5.34024	59.4	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121760	4.93987	59.45	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121760	4.59001	58.89	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121760	4.2665	59.24	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121760	3.97627	59.57	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121760	3.71826	59.54	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121760	3.4843	59.59	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121760	3.2728	59.56	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121760	3.08029	59.55	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121760	2.9053	59.45	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121760	2.74478	59.43	313.5	1.5	ANNUAL	SRCGP10	5
606952.2	4121760	2.59744	59.45	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121760	2.33584	59.84	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121760	2.21959	60.17	313.5	1.5	ANNUAL	SRCGP10	5
607032.2	4121760	2.11327	60.22	313.5	1.5	ANNUAL	SRCGP10	5
607052.2	4121760	2.01544	60.08	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121780	1.78593	55.73	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121780	1.99217	55.83	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121780	2.11183	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121780	2.24085	56.22	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121780	2.53869	56.07	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121780	2.71498	56.42	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121780	2.9067	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121780	3.36588	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121780	3.64122	56.44	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121780	3.94933	56.27	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121780	4.29215	55.8	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121780	4.69557	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121780	5.16462	56.1	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121780	5.70282	56.16	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121780	7.06469	56.96	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121780	10.14191	56.75	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121780	11.55473	56.91	313.5	1.5	ANNUAL	SRCGP10	5
606132.2	4121780	17.27583	57.48	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121780	19.75999	57.4	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121780	22.62447	57.29	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121780	26.05558	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121780	51.93295	58.1	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121780	52.23076	58.02	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121780	40.43867	58.13	313.5	1.5	ANNUAL	SRCGP10	5
606392.2	4121780	35.48592	58.08	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121780	26.74207	58.64	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121780	20.23003	58.48	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121780	17.66403	58.72	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121780	15.5151	58.64	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121780	13.70934	58.28	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121780	12.15253	58.51	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121780	10.82123	58.93	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121780	9.70089	58.88	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121780	8.74763	58.52	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121780	7.9111	58.69	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121780	7.18253	59.02	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121780	6.54969	59.28	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121780	6.00904	58.84	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121780	5.52191	59.07	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121780	5.09031	59.4	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121780	4.71054	59.52	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121780	4.38055	58.94	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121780	4.07849	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121780	3.80685	59.01	313.5	1.5	ANNUAL	SRCGP10	5

606832.2	4121780	3.56221	59.06	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121780	3.34093	59.13	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121780	3.13979	59.27	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121780	2.95696	59.4	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121780	2.78973	59.61	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121780	2.63688	59.81	313.5	1.5	ANNUAL	SRCGP10	5
606952.2	4121780	2.49681	60	313.5	1.5	ANNUAL	SRCGP10	5
606992.2	4121780	2.25071	60.11	313.5	1.5	ANNUAL	SRCGP10	5
607012.2	4121780	2.14193	60.11	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121800	1.84626	55.57	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121800	2.064	55.68	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121800	2.19065	56.06	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121800	2.3267	55.93	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121800	2.64552	56.02	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121800	2.83345	56.25	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121800	3.0391	56.05	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121800	3.53489	56.14	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121800	3.83532	56.47	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121800	4.17238	56.29	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121800	4.54757	55.74	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121800	5.00388	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121800	5.5281	56.58	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121800	6.13496	56.73	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121800	7.69392	57.08	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121800	11.43109	56.84	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121800	13.21984	57.22	313.5	1.5	ANNUAL	SRCGP10	5
606152.2	4121800	24.83771	57.69	313.5	1.5	ANNUAL	SRCGP10	5
606172.2	4121800	29.18319	57.51	313.5	1.5	ANNUAL	SRCGP10	5
606192.2	4121800	34.50406	57.58	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4121800	70.35101	58.16	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4121800	66.57262	58.27	313.5	1.5	ANNUAL	SRCGP10	5
606372.2	4121800	44.1281	58.12	313.5	1.5	ANNUAL	SRCGP10	5
606432.2	4121800	26.76003	58.67	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121800	19.66085	58.48	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121800	17.00791	58.7	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121800	14.83286	58.72	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121800	13.02823	58.73	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121800	11.51611	58.84	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121800	10.24274	59	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121800	9.1723	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121800	8.25778	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121800	7.47071	59.03	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121800	6.78898	59.2	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121800	6.19781	59.33	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121800	5.6837	59.34	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121800	5.23103	59.41	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121800	4.83055	59.54	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121800	4.47676	59.57	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121800	4.1683	59	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121800	3.88192	59.39	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121800	3.62751	59.5	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121800	3.39803	59.63	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121800	3.19085	59.71	313.5	1.5	ANNUAL	SRCGP10	5
606872.2	4121800	3.00238	59.85	313.5	1.5	ANNUAL	SRCGP10	5
606892.2	4121800	2.83095	59.97	313.5	1.5	ANNUAL	SRCGP10	5
606912.2	4121800	2.67438	60.1	313.5	1.5	ANNUAL	SRCGP10	5
606932.2	4121800	2.53215	60.03	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121860	2.06221	55.39	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121860	2.18215	54.86	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121860	2.32123	55.28	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121860	2.47464	55.7	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121860	2.64076	55.67	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121860	2.82107	55.24	313.5	1.5	ANNUAL	SRCGP10	5

605752.2	4121860	3.0303	55.53	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121860	3.26542	55.85	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121860	3.52861	56.02	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121860	3.81721	55.58	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121860	4.15788	55.82	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121860	4.55088	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121860	4.9994	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121860	5.50565	55.73	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121860	6.12571	56.03	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121860	6.86379	56.36	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121860	7.73648	56.55	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121860	8.79515	56.72	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121860	10.09925	56.84	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121860	11.72561	57.02	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121860	13.79791	57.18	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121860	16.5057	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121860	20.14884	57.16	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121860	6.70291	58.8	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121860	6.09868	59.3	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121860	5.57833	59.65	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121860	5.13169	59.6	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121860	4.73819	59.59	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121860	4.38884	59.68	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121860	4.08068	59.59	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121860	3.8047	59.56	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121860	3.56014	59.2	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121860	3.33456	59.44	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121860	3.13164	59.57	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121860	2.94784	59.67	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121860	2.78047	59.79	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121880	2.14858	55.56	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121880	2.27651	54.97	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121880	2.42617	55.5	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121880	2.59061	55.91	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121880	2.76892	55.81	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121880	2.96318	55.32	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121880	3.19093	55.72	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121880	3.44795	56.18	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121880	3.7325	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121880	4.04758	55.63	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121880	4.42268	55.9	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121880	4.85991	56.41	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121880	5.35744	56.49	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121880	5.92315	55.84	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121880	6.61913	56.09	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121880	7.44766	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121880	8.4521	56.53	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121880	9.67597	56.7	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121880	11.19946	56.92	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121880	13.12765	57.09	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121880	15.6242	57.3	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121880	18.95423	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121880	23.52891	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121880	15.96611	58.72	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121880	13.73965	58.93	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121880	11.97467	58.94	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121880	10.53983	58.94	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121880	9.35419	58.99	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121880	8.367	58.98	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121880	7.54582	58.58	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121880	6.83444	58.55	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121880	6.21488	58.89	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121880	5.67476	59.44	313.5	1.5	ANNUAL	SRCGP10	5

606652.2	4121880	5.20738	59.84	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121880	4.8081	59.63	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121880	4.45125	59.68	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121880	4.13414	59.76	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121880	3.85259	59.73	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121880	3.60032	59.69	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121880	3.376	59.33	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121880	3.16822	59.59	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121880	2.98065	59.76	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121880	2.81018	59.92	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121880	2.65494	60.04	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121900	2.24187	55.74	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121900	2.37781	54.98	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121900	2.53782	55.45	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121900	2.71484	55.88	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121900	2.90871	55.94	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121900	3.11821	55.35	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121900	3.36534	55.74	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121900	3.64637	56.28	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121900	3.9573	56.2	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121900	4.30372	55.66	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121900	4.71973	56.01	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121900	5.20276	56.52	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121900	5.75871	56.6	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121900	6.39685	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121900	7.17414	55.86	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121900	8.11745	55.96	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121900	9.27433	56.1	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121900	10.72111	56.34	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121900	12.53436	56.46	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121900	14.87165	56.6	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121900	17.96775	56.73	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121900	22.16552	57.12	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121900	28.07233	57.56	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121900	14.07552	58.71	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121900	12.23293	58.9	313.5	1.5	ANNUAL	SRCGP10	5
606492.2	4121900	10.74969	58.94	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121900	9.53097	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121900	8.51588	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606552.2	4121900	7.65955	58.98	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121900	6.94057	58.66	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121900	6.31463	58.66	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121900	5.76723	58.96	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121900	5.28663	59.49	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121900	4.86893	59.84	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121900	4.51045	59.56	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121900	4.18511	59.8	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121900	3.89771	59.84	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121900	3.64118	59.8	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121900	3.41075	59.72	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121900	3.20306	59.58	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121900	3.01328	59.64	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121900	2.84081	59.69	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121900	2.68358	59.73	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121900	2.53965	59.79	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121920	2.34089	55.77	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121920	2.4874	55.08	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121920	2.65905	55.52	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121920	2.84986	55.96	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121920	3.05961	56.03	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121920	3.28677	55.4	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121920	3.55633	55.84	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121920	3.86157	56.25	313.5	1.5	ANNUAL	SRCGP10	5

605792.2	4121920	4.20273	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121920	4.58646	55.71	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121920	5.04853	56.11	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121920	5.58447	56.61	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121920	6.20841	56.54	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121920	6.93094	55.89	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121920	7.83467	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121920	8.92581	56.6	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121920	10.26615	56.78	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121920	11.94894	56.94	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121920	14.10662	57.03	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121920	16.93338	57.22	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121920	20.75883	57.35	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121920	26.10578	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121920	33.9313	57.65	313.5	1.5	ANNUAL	SRCGP10	5
606452.2	4121920	12.45231	58.81	313.5	1.5	ANNUAL	SRCGP10	5
606472.2	4121920	10.93326	58.89	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121920	7.77499	58.98	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121920	6.39486	59.02	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121920	5.84568	58.95	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121920	5.36394	59.06	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121920	4.93532	59.57	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121920	4.56041	59.92	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121920	4.23602	59.72	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121920	3.93821	60.21	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121920	3.67579	60.37	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121920	3.44195	60.34	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121920	3.23063	60.33	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121920	3.03979	60.24	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121920	2.86564	60.23	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121920	2.70655	60.26	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121920	2.56086	60.32	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121920	2.42823	60.2	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121940	2.44638	55.83	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121940	2.60872	55.73	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121940	2.79088	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121940	2.9946	56.07	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121940	3.22195	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121940	3.47578	56.07	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121940	3.7651	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121940	4.09577	56.32	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121940	4.47003	56.19	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121940	4.89312	55.69	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121940	5.40902	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121940	6.00437	56.6	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121940	6.7054	56.63	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121940	7.52482	55.91	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121940	8.5617	56.41	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121940	9.81032	56.79	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121940	11.36468	57.02	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121940	13.34343	57.1	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121940	15.91494	57.15	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121940	19.32186	57.41	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121940	24.00114	57.53	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121940	30.64361	57.57	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121940	40.42558	57.6	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121940	7.13429	59.13	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121940	5.92005	59.3	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121940	5.43628	59.07	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121940	5.00627	59.18	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121940	4.62167	59.68	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121940	4.28498	59.92	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121940	3.9908	59.72	313.5	1.5	ANNUAL	SRCGP10	5

606692.2	4121940	3.71912	60.26	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121940	3.47816	60.53	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121940	3.26461	60.42	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121940	3.06997	60.44	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121940	2.89257	60.53	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121940	2.7311	60.59	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121940	2.58258	60.79	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121940	2.4475	60.82	313.5	1.5	ANNUAL	SRCGP10	5
606852.2	4121940	2.3255	60.44	313.5	1.5	ANNUAL	SRCGP10	5
605632.2	4121960	2.5575	55.85	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121960	2.73283	55.89	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121960	2.92872	56.01	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121960	3.14702	56.04	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121960	3.39282	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121960	3.67083	56.23	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121960	3.98555	56.25	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121960	4.34666	56.37	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121960	4.7559	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121960	5.22737	55.81	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121960	5.79999	56.44	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121960	6.46012	56.7	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121960	7.24679	56.59	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121960	8.17578	55.98	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121960	9.34978	56.44	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121960	10.77885	56.62	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4121960	12.5735	56.88	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121960	14.87121	56.82	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121960	17.86411	56.93	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121960	21.84682	57.06	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121960	27.26364	57.27	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121960	34.83065	57.27	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121960	45.54795	57.32	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121960	5.51381	59.37	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121960	5.08198	59.04	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121960	4.69242	59.3	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121960	4.3448	59.78	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121960	4.04103	59.85	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121960	3.77211	59.68	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121960	3.52281	60.27	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121960	3.30179	60.5	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121960	3.1082	59.99	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121960	2.92646	60.21	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121960	2.76194	60.29	313.5	1.5	ANNUAL	SRCGP10	5
606792.2	4121960	2.61207	60.3	313.5	1.5	ANNUAL	SRCGP10	5
606812.2	4121960	2.47091	60.95	313.5	1.5	ANNUAL	SRCGP10	5
606832.2	4121960	2.34445	61.06	313.49	1.5	ANNUAL	SRCGP10	5
606852.2	4121960	2.2307	60.64	313.49	1.5	ANNUAL	SRCGP10	5
605632.2	4121980	2.67182	55.56	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4121980	2.85955	55.59	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4121980	3.0689	55.6	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4121980	3.30373	55.62	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4121980	3.56983	55.76	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4121980	3.87156	55.91	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4121980	4.21513	56.03	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4121980	4.60897	56.13	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4121980	5.0598	56.02	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4121980	5.58621	56.01	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4121980	6.21399	56.54	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4121980	6.94695	56.74	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4121980	7.82422	56.39	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4121980	8.87029	56.1	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4121980	10.17545	56.29	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4121980	11.78363	56.33	313.5	1.5	ANNUAL	SRCGP10	5

605952.2	4121980	13.79498	56.28	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4121980	16.36576	56.31	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4121980	19.69514	56.46	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4121980	24.03844	56.53	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4121980	29.77594	56.51	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4121980	37.37115	56.55	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4121980	47.3031	56.68	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4121980	6.72156	59.33	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4121980	6.13261	59.19	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4121980	5.16398	59.39	313.5	1.5	ANNUAL	SRCGP10	5
606592.2	4121980	4.77166	59.17	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4121980	4.41842	59.39	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4121980	4.10227	59.8	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4121980	3.82491	59.8	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4121980	3.5777	59.63	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4121980	3.34788	60.23	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4121980	3.14486	60.31	313.5	1.5	ANNUAL	SRCGP10	5
606732.2	4121980	2.96423	59.92	313.5	1.5	ANNUAL	SRCGP10	5
606752.2	4121980	2.79194	60.62	313.5	1.5	ANNUAL	SRCGP10	5
606772.2	4121980	2.63862	60.75	313.49	1.5	ANNUAL	SRCGP10	5
606792.2	4121980	2.50105	60.42	313.49	1.5	ANNUAL	SRCGP10	5
606812.2	4121980	2.36933	61.02	312.87	1.5	ANNUAL	SRCGP10	5
606832.2	4121980	2.25023	61.24	61.24	1.5	ANNUAL	SRCGP10	5
606852.2	4121980	2.14332	60.87	60.87	1.5	ANNUAL	SRCGP10	5
605632.2	4122000	2.78878	55.03	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4122000	2.99	55.11	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4122000	3.21493	55.17	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4122000	3.46847	55.28	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4122000	3.7543	55.34	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4122000	4.07788	55.33	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4122000	4.44963	55.43	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4122000	4.876	55.47	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4122000	5.37224	55.61	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4122000	5.95861	56.01	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4122000	6.6478	56.55	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4122000	7.45403	56.76	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4122000	8.41603	56.29	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4122000	9.58016	56.27	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4122000	11.00735	56.8	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4122000	12.75773	56.92	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4122000	14.93864	56.5	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4122000	17.66788	56.47	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4122000	21.09806	56.97	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4122000	25.42186	57.12	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4122000	30.86026	56.72	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4122000	37.50598	56.73	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4122000	45.23959	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4122000	24.70589	58.13	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4122000	21.01393	58.23	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4122000	18.03333	58.26	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4122000	15.60686	58.24	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4122000	6.26018	59.49	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4122000	5.73231	59.37	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4122000	4.17797	59.48	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4122000	3.88728	59.92	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4122000	3.63176	59.92	313.5	1.5	ANNUAL	SRCGP10	5
606672.2	4122000	3.40315	59.77	313.5	1.5	ANNUAL	SRCGP10	5
606692.2	4122000	3.19126	60.24	313.5	1.5	ANNUAL	SRCGP10	5
606712.2	4122000	3.003	60.26	313.49	1.5	ANNUAL	SRCGP10	5
606732.2	4122000	2.83479	59.84	313.49	1.5	ANNUAL	SRCGP10	5
606752.2	4122000	2.67425	60.49	313.48	1.5	ANNUAL	SRCGP10	5
606772.2	4122000	2.52931	60.84	60.84	1.5	ANNUAL	SRCGP10	5
606792.2	4122000	2.40048	60.49	60.49	1.5	ANNUAL	SRCGP10	5

606812.2	4122000	2.2767	61.1	61.1	1.5	ANNUAL	SRCGP10	5
606832.2	4122000	2.16512	61.23	61.23	1.5	ANNUAL	SRCGP10	5
606852.2	4122000	2.06428	60.87	60.87	1.5	ANNUAL	SRCGP10	5
605632.2	4122020	2.92042	55.56	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4122020	3.13693	55.7	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4122020	3.37811	55.68	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4122020	3.65229	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4122020	3.96112	55.92	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4122020	4.31126	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4122020	4.71267	55.86	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4122020	5.17581	55.89	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4122020	5.71656	56.08	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4122020	6.34796	56.26	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4122020	7.08891	56.52	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4122020	7.9619	56.81	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4122020	9.00384	56.61	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4122020	10.25409	56.61	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4122020	11.76327	56.85	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4122020	13.59522	56.95	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4122020	15.83061	56.8	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4122020	18.55086	56.79	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4122020	21.83864	57.07	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4122020	25.76852	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4122020	30.37749	56.99	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4122020	35.50204	56.95	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4122020	40.74363	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4122020	23.61933	58.35	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4122020	20.26464	59.31	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4122020	17.62306	59.32	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4122020	15.4191	59.3	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4122020	13.58299	59.14	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4122020	5.85813	59.43	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4122020	5.38084	59.46	313.5	1.5	ANNUAL	SRCGP10	5
606612.2	4122020	3.96418	59.61	313.5	1.5	ANNUAL	SRCGP10	5
606632.2	4122020	3.69689	59.97	313.5	1.5	ANNUAL	SRCGP10	5
606652.2	4122020	3.46049	59.95	313.49	1.5	ANNUAL	SRCGP10	5
606672.2	4122020	3.24771	59.85	313.49	1.5	ANNUAL	SRCGP10	5
606692.2	4122020	3.05093	60.25	313.48	1.5	ANNUAL	SRCGP10	5
606712.2	4122020	2.87532	60.24	60.24	1.5	ANNUAL	SRCGP10	5
606732.2	4122020	2.7181	59.77	59.77	1.5	ANNUAL	SRCGP10	5
606752.2	4122020	2.56754	60.42	60.42	1.5	ANNUAL	SRCGP10	5
606772.2	4122020	2.43081	60.85	60.85	1.5	ANNUAL	SRCGP10	5
606792.2	4122020	2.30958	60.48	60.48	1.5	ANNUAL	SRCGP10	5
606812.2	4122020	2.19295	61.07	61.07	1.5	ANNUAL	SRCGP10	5
606832.2	4122020	2.08829	61.04	61.04	1.5	ANNUAL	SRCGP10	5
606852.2	4122020	1.99295	60.63	60.63	1.5	ANNUAL	SRCGP10	5
605632.2	4122040	3.05437	55.8	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4122040	3.28494	55.84	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4122040	3.54437	55.92	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4122040	3.83714	56	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4122040	4.1693	56.09	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4122040	4.54658	56.09	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4122040	4.97975	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4122040	5.47873	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4122040	6.0574	56.3	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4122040	6.7312	56.49	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4122040	7.51775	56.6	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4122040	8.44292	56.73	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4122040	9.53638	56.74	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4122040	10.83246	56.83	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4122040	12.37103	56.95	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4122040	14.19687	57.07	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4122040	16.35907	57.05	313.5	1.5	ANNUAL	SRCGP10	5

605972.2	4122040	18.89027	57.14	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4122040	21.80797	57.23	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4122040	25.08428	57.25	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4122040	28.60436	57.24	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4122040	32.12294	57.27	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4122040	35.24327	57.36	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4122040	19.46951	58.46	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4122040	17.04318	59.32	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4122040	15.06197	59.36	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4122040	13.36909	59.37	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4122040	11.93083	59.25	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4122040	5.49201	59.41	313.5	1.5	ANNUAL	SRCGP10	5
606532.2	4122040	5.06284	59.52	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4122040	4.34454	59.64	313.49	1.5	ANNUAL	SRCGP10	5
606592.2	4122040	4.04584	59.39	313.49	1.5	ANNUAL	SRCGP10	5
606612.2	4122040	3.77167	59.7	313.48	1.5	ANNUAL	SRCGP10	5
606632.2	4122040	3.52584	59.94	313.48	1.5	ANNUAL	SRCGP10	5
606652.2	4122040	3.30683	59.87	312.87	1.5	ANNUAL	SRCGP10	5
606672.2	4122040	3.10818	59.82	59.82	1.5	ANNUAL	SRCGP10	5
606692.2	4122040	2.92412	60.25	60.25	1.5	ANNUAL	SRCGP10	5
606712.2	4122040	2.75967	60.23	60.23	1.5	ANNUAL	SRCGP10	5
606732.2	4122040	2.61232	59.7	59.7	1.5	ANNUAL	SRCGP10	5
606752.2	4122040	2.47065	60.35	60.35	1.5	ANNUAL	SRCGP10	5
606772.2	4122040	2.34182	60.76	60.76	1.5	ANNUAL	SRCGP10	5
606792.2	4122040	2.22758	60.31	60.31	1.5	ANNUAL	SRCGP10	5
606812.2	4122040	2.11736	60.87	60.87	1.5	ANNUAL	SRCGP10	5
606832.2	4122040	2.0182	60.81	60.81	1.5	ANNUAL	SRCGP10	5
606852.2	4122040	1.92744	60.43	60.43	1.5	ANNUAL	SRCGP10	5
605632.2	4122060	3.18952	55.67	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4122060	3.43631	55.84	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4122060	3.71361	55.99	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4122060	4.02313	55.85	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4122060	4.37588	55.86	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4122060	4.779	55.96	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4122060	5.23963	56.03	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4122060	5.76925	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4122060	6.37928	56.17	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4122060	7.08762	56.29	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4122060	7.9097	56.42	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4122060	8.86346	56.51	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4122060	9.97458	56.61	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4122060	11.26835	56.64	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4122060	12.76798	56.94	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4122060	14.49717	57.06	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4122060	16.47249	56.99	313.5	1.5	ANNUAL	SRCGP10	5
605972.2	4122060	18.67203	57.33	313.5	1.5	ANNUAL	SRCGP10	5
605992.2	4122060	21.07512	57.38	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4122060	23.58671	57.39	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4122060	26.03762	57.52	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4122060	28.22801	57.38	313.5	1.5	ANNUAL	SRCGP10	5
606072.2	4122060	29.83639	57.42	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4122060	16.29147	58.86	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4122060	14.52499	59.32	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4122060	13.00439	59.41	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4122060	11.69075	59.3	313.5	1.5	ANNUAL	SRCGP10	5
606352.2	4122060	10.5376	59.31	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4122060	4.11603	59.95	59.95	1.5	ANNUAL	SRCGP10	5
606592.2	4122060	3.8463	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606612.2	4122060	3.59475	59.76	59.76	1.5	ANNUAL	SRCGP10	5
606632.2	4122060	3.36884	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606652.2	4122060	3.16547	59.82	59.82	1.5	ANNUAL	SRCGP10	5
606672.2	4122060	2.98042	59.76	59.76	1.5	ANNUAL	SRCGP10	5
606692.2	4122060	2.80875	60.13	60.13	1.5	ANNUAL	SRCGP10	5

606712.2	4122060	2.65411	60.16	60.16	1.5	ANNUAL	SRCGP10	5
606732.2	4122060	2.51503	59.71	59.71	1.5	ANNUAL	SRCGP10	5
606752.2	4122060	2.38159	60.34	60.34	1.5	ANNUAL	SRCGP10	5
606772.2	4122060	2.26099	60.53	60.53	1.5	ANNUAL	SRCGP10	5
606792.2	4122060	2.1525	60.11	60.11	1.5	ANNUAL	SRCGP10	5
606812.2	4122060	2.04759	60.76	60.76	1.5	ANNUAL	SRCGP10	5
606832.2	4122060	1.95337	60.69	60.69	1.5	ANNUAL	SRCGP10	5
606852.2	4122060	1.86683	60.34	60.34	1.5	ANNUAL	SRCGP10	5
607052.2	4122060	1.24974	60.26	60.26	1.5	ANNUAL	SRCGP10	5
605632.2	4122080	3.32506	55.28	313.5	1.5	ANNUAL	SRCGP10	5
605652.2	4122080	3.58884	55.67	313.5	1.5	ANNUAL	SRCGP10	5
605672.2	4122080	3.88304	55.87	313.5	1.5	ANNUAL	SRCGP10	5
605692.2	4122080	4.20602	55.44	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4122080	4.5812	55.65	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4122080	5.0056	55.76	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4122080	5.48525	55.69	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4122080	6.03685	55.78	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4122080	6.67035	55.93	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4122080	7.39232	55.93	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4122080	8.22087	55.94	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4122080	9.17869	56.12	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4122080	10.27218	56.24	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4122080	11.50808	56.21	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4122080	12.91741	56.4	313.5	1.5	ANNUAL	SRCGP10	5
605932.2	4122080	14.47545	56.54	313.5	1.5	ANNUAL	SRCGP10	5
605952.2	4122080	16.17953	56.52	313.5	1.5	ANNUAL	SRCGP10	5
606272.2	4122080	13.87788	58.81	313.5	1.5	ANNUAL	SRCGP10	5
606292.2	4122080	12.52838	59.28	313.5	1.5	ANNUAL	SRCGP10	5
606312.2	4122080	11.34575	59.33	313.5	1.5	ANNUAL	SRCGP10	5
606332.2	4122080	10.29625	59.3	313.49	1.5	ANNUAL	SRCGP10	5
606352.2	4122080	9.35599	59.48	313.49	1.5	ANNUAL	SRCGP10	5
606572.2	4122080	3.90507	59.94	59.94	1.5	ANNUAL	SRCGP10	5
606592.2	4122080	3.65986	59.46	59.46	1.5	ANNUAL	SRCGP10	5
606612.2	4122080	3.43238	59.42	59.42	1.5	ANNUAL	SRCGP10	5
606632.2	4122080	3.22379	59.57	59.57	1.5	ANNUAL	SRCGP10	5
606652.2	4122080	3.0345	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606672.2	4122080	2.86202	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606692.2	4122080	2.70295	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606712.2	4122080	2.5574	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606732.2	4122080	2.42404	59.86	59.86	1.5	ANNUAL	SRCGP10	5
606752.2	4122080	2.29902	60.33	60.33	1.5	ANNUAL	SRCGP10	5
606772.2	4122080	2.18561	60.39	60.39	1.5	ANNUAL	SRCGP10	5
606792.2	4122080	2.08286	59.93	59.93	1.5	ANNUAL	SRCGP10	5
606812.2	4122080	1.98377	60.46	60.46	1.5	ANNUAL	SRCGP10	5
606892.2	4122080	1.65943	60.42	60.42	1.5	ANNUAL	SRCGP10	5
606912.2	4122080	1.59121	60.49	60.49	1.5	ANNUAL	SRCGP10	5
606932.2	4122080	1.52814	60.24	60.24	1.5	ANNUAL	SRCGP10	5
605632.2	4122100	3.46505	55.21	313.49	1.5	ANNUAL	SRCGP10	5
605652.2	4122100	3.74227	55.57	313.49	1.5	ANNUAL	SRCGP10	5
605672.2	4122100	4.05109	55.76	313.49	1.5	ANNUAL	SRCGP10	5
605692.2	4122100	4.38845	55.3	313.5	1.5	ANNUAL	SRCGP10	5
605712.2	4122100	4.78637	55.89	313.5	1.5	ANNUAL	SRCGP10	5
605732.2	4122100	5.23013	56.15	313.5	1.5	ANNUAL	SRCGP10	5
605752.2	4122100	5.71989	55.79	313.5	1.5	ANNUAL	SRCGP10	5
605772.2	4122100	6.28472	55.89	313.5	1.5	ANNUAL	SRCGP10	5
605792.2	4122100	6.93368	56.3	313.5	1.5	ANNUAL	SRCGP10	5
605812.2	4122100	7.6547	56.22	313.5	1.5	ANNUAL	SRCGP10	5
605832.2	4122100	8.45873	55.9	313.5	1.5	ANNUAL	SRCGP10	5
605852.2	4122100	9.39744	56.57	313.5	1.5	ANNUAL	SRCGP10	5
605872.2	4122100	10.42271	57.11	313.5	1.5	ANNUAL	SRCGP10	5
605892.2	4122100	11.56553	56.55	313.5	1.5	ANNUAL	SRCGP10	5
605912.2	4122100	12.80945	56.81	313.5	1.5	ANNUAL	SRCGP10	5
606572.2	4122100	3.70443	59.9	59.9	1.5	ANNUAL	SRCGP10	5

606592.2	4122100	3.48074	59.6	59.6	1.5	ANNUAL	SRCGP10	5
606612.2	4122100	3.27179	59.76	59.76	1.5	ANNUAL	SRCGP10	5
606632.2	4122100	3.08118	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606652.2	4122100	2.90636	59.93	59.93	1.5	ANNUAL	SRCGP10	5
606672.2	4122100	2.74587	60.02	60.02	1.5	ANNUAL	SRCGP10	5
606692.2	4122100	2.59883	60.02	60.02	1.5	ANNUAL	SRCGP10	5
606712.2	4122100	2.46421	59.86	59.86	1.5	ANNUAL	SRCGP10	5
606852.2	4122100	1.75863	60.08	60.08	1.5	ANNUAL	SRCGP10	5
606872.2	4122100	1.68406	60.09	60.09	1.5	ANNUAL	SRCGP10	5
606892.2	4122100	1.6133	60.5	60.5	1.5	ANNUAL	SRCGP10	5
606912.2	4122100	1.54844	60.39	60.39	1.5	ANNUAL	SRCGP10	5
606932.2	4122100	1.48815	60.04	60.04	1.5	ANNUAL	SRCGP10	5
605632.2	4122120	3.60268	55.07	313.48	1.5	ANNUAL	SRCGP10	5
605652.2	4122120	3.89312	55.54	313.48	1.5	ANNUAL	SRCGP10	5
605672.2	4122120	4.2127	55.64	313.48	1.5	ANNUAL	SRCGP10	5
605692.2	4122120	4.56153	55.21	313.48	1.5	ANNUAL	SRCGP10	5
605712.2	4122120	4.97147	55.84	313.48	1.5	ANNUAL	SRCGP10	5
605732.2	4122120	5.42703	56.25	313.48	1.5	ANNUAL	SRCGP10	5
605752.2	4122120	5.92014	55.78	313.49	1.5	ANNUAL	SRCGP10	5
605772.2	4122120	6.48861	56.01	313.49	1.5	ANNUAL	SRCGP10	5
605792.2	4122120	7.12876	56.41	313.48	1.5	ANNUAL	SRCGP10	5
605812.2	4122120	7.82709	56.21	313.49	1.5	ANNUAL	SRCGP10	5
605832.2	4122120	8.60109	56.07	313.49	1.5	ANNUAL	SRCGP10	5
605852.2	4122120	9.47174	56.68	313.49	1.5	ANNUAL	SRCGP10	5
605872.2	4122120	10.40398	57.19	313.48	1.5	ANNUAL	SRCGP10	5
605992.2	4122120	16.59299	56.39	313.5	1.5	ANNUAL	SRCGP10	5
606012.2	4122120	17.31113	56.49	313.5	1.5	ANNUAL	SRCGP10	5
606032.2	4122120	17.77312	56.49	313.5	1.5	ANNUAL	SRCGP10	5
606052.2	4122120	17.93269	56.56	313.5	1.5	ANNUAL	SRCGP10	5
606512.2	4122120	4.24192	59.65	59.65	1.5	ANNUAL	SRCGP10	5
606532.2	4122120	3.97744	59.75	59.75	1.5	ANNUAL	SRCGP10	5
606552.2	4122120	3.73529	59.79	59.79	1.5	ANNUAL	SRCGP10	5
606572.2	4122120	3.51338	59.76	59.76	1.5	ANNUAL	SRCGP10	5
606592.2	4122120	3.31007	59.62	59.62	1.5	ANNUAL	SRCGP10	5
606772.2	4122120	2.04798	59.99	59.99	1.5	ANNUAL	SRCGP10	5
606792.2	4122120	1.95422	59.97	59.97	1.5	ANNUAL	SRCGP10	5
606812.2	4122120	1.86719	59.86	59.86	1.5	ANNUAL	SRCGP10	5
606852.2	4122120	1.709	60.05	60.05	1.5	ANNUAL	SRCGP10	5
606872.2	4122120	1.63787	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606892.2	4122120	1.57071	60.26	60.26	1.5	ANNUAL	SRCGP10	5
606912.2	4122120	1.50851	60.16	60.16	1.5	ANNUAL	SRCGP10	5
605632.2	4122140	3.73714	55.08	312.88	1.5	ANNUAL	SRCGP10	5
605652.2	4122140	4.03658	55.55	312.88	1.5	ANNUAL	SRCGP10	5
605672.2	4122140	4.36066	55.41	313.48	1.5	ANNUAL	SRCGP10	5
605692.2	4122140	4.71951	55.22	313.48	1.5	ANNUAL	SRCGP10	5
605712.2	4122140	5.13278	55.78	313.48	1.5	ANNUAL	SRCGP10	5
605732.2	4122140	5.5894	56.21	312.88	1.5	ANNUAL	SRCGP10	5
605752.2	4122140	6.07595	55.7	313.48	1.5	ANNUAL	SRCGP10	5
605772.2	4122140	6.63606	56.11	313.48	1.5	ANNUAL	SRCGP10	5
605792.2	4122140	7.24978	56.46	313.48	1.5	ANNUAL	SRCGP10	5
605812.2	4122140	7.90671	56.13	313.48	1.5	ANNUAL	SRCGP10	5
605832.2	4122140	8.63187	56.24	313.48	1.5	ANNUAL	SRCGP10	5
605852.2	4122140	9.4128	56.73	313.48	1.5	ANNUAL	SRCGP10	5
605932.2	4122140	12.80767	56.22	313.48	1.5	ANNUAL	SRCGP10	5
605952.2	4122140	13.60266	56.11	313.48	1.5	ANNUAL	SRCGP10	5
605972.2	4122140	14.33555	56.35	313.48	1.5	ANNUAL	SRCGP10	5
605992.2	4122140	14.90594	56.34	313.48	1.5	ANNUAL	SRCGP10	5
606012.2	4122140	15.28818	56.31	313.48	1.5	ANNUAL	SRCGP10	5
606032.2	4122140	15.45577	56.32	313.48	1.5	ANNUAL	SRCGP10	5
606052.2	4122140	15.39303	56.32	313.48	1.5	ANNUAL	SRCGP10	5
606072.2	4122140	15.12859	56.51	313.48	1.5	ANNUAL	SRCGP10	5
606132.2	4122140	13.58203	58.06	58.06	1.5	ANNUAL	SRCGP10	5
606152.2	4122140	13.03403	58.04	58.04	1.5	ANNUAL	SRCGP10	5

606172.2	4122140	12.46901	58.19	58.19	1.5	ANNUAL	SRCGP10	5
606652.2	4122140	2.66936	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606672.2	4122140	2.53256	59.96	59.96	1.5	ANNUAL	SRCGP10	5
606712.2	4122140	2.28837	60.03	60.03	1.5	ANNUAL	SRCGP10	5
606732.2	4122140	2.17905	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606752.2	4122140	2.07757	59.97	59.97	1.5	ANNUAL	SRCGP10	5
606772.2	4122140	1.98251	60.02	60.02	1.5	ANNUAL	SRCGP10	5
606792.2	4122140	1.89396	60.03	60.03	1.5	ANNUAL	SRCGP10	5
606812.2	4122140	1.81234	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606832.2	4122140	1.73388	60.06	60.06	1.5	ANNUAL	SRCGP10	5
606852.2	4122140	1.66185	59.93	59.93	1.5	ANNUAL	SRCGP10	5
605632.2	4122160	3.86485	55.27	292.97	1.5	ANNUAL	SRCGP10	5
605652.2	4122160	4.16755	55.59	292.97	1.5	ANNUAL	SRCGP10	5
605672.2	4122160	4.49414	55.4	292.97	1.5	ANNUAL	SRCGP10	5
605692.2	4122160	4.85667	55.38	292.97	1.5	ANNUAL	SRCGP10	5
605712.2	4122160	5.26634	55.91	292.97	1.5	ANNUAL	SRCGP10	5
605732.2	4122160	5.7085	56.02	292.97	1.5	ANNUAL	SRCGP10	5
605752.2	4122160	6.18009	55.6	292.97	1.5	ANNUAL	SRCGP10	5
605772.2	4122160	6.71927	56.19	292.97	1.5	ANNUAL	SRCGP10	5
605792.2	4122160	7.29292	56.42	292.97	1.5	ANNUAL	SRCGP10	5
605812.2	4122160	7.88922	55.93	292.97	1.5	ANNUAL	SRCGP10	5
605832.2	4122160	8.54927	56.28	292.97	1.5	ANNUAL	SRCGP10	5
605912.2	4122160	11.32095	56.36	292.97	1.5	ANNUAL	SRCGP10	5
605932.2	4122160	11.96028	56.3	292.97	1.5	ANNUAL	SRCGP10	5
605952.2	4122160	12.51568	56.12	292.97	1.5	ANNUAL	SRCGP10	5
605972.2	4122160	12.97571	56.11	292.97	1.5	ANNUAL	SRCGP10	5
605992.2	4122160	13.30824	56.22	292.97	1.5	ANNUAL	SRCGP10	5
606012.2	4122160	13.46273	56.15	56.15	1.5	ANNUAL	SRCGP10	5
606032.2	4122160	13.44981	56.14	56.14	1.5	ANNUAL	SRCGP10	5
606052.2	4122160	13.27925	56.19	56.19	1.5	ANNUAL	SRCGP10	5
606072.2	4122160	12.98806	56.49	56.49	1.5	ANNUAL	SRCGP10	5
606132.2	4122160	11.6745	58.03	58.03	1.5	ANNUAL	SRCGP10	5
606152.2	4122160	11.23402	58.1	58.1	1.5	ANNUAL	SRCGP10	5
606172.2	4122160	10.78289	58.22	58.22	1.5	ANNUAL	SRCGP10	5
606512.2	4122160	3.73169	59.43	59.43	1.5	ANNUAL	SRCGP10	5
606532.2	4122160	3.52382	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606552.2	4122160	3.33302	59.57	59.57	1.5	ANNUAL	SRCGP10	5
606652.2	4122160	2.55607	59.85	59.85	1.5	ANNUAL	SRCGP10	5
606672.2	4122160	2.43097	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606712.2	4122160	2.20492	60	60	1.5	ANNUAL	SRCGP10	5
606732.2	4122160	2.10321	60	60	1.5	ANNUAL	SRCGP10	5
606752.2	4122160	2.00826	59.96	59.96	1.5	ANNUAL	SRCGP10	5
606772.2	4122160	1.91938	59.93	59.93	1.5	ANNUAL	SRCGP10	5
606792.2	4122160	1.83622	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606872.2	4122160	1.55192	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606892.2	4122160	1.49109	59.78	59.78	1.5	ANNUAL	SRCGP10	5
606912.2	4122160	1.43365	59.92	59.92	1.5	ANNUAL	SRCGP10	5
605632.2	4122180	3.97564	55.2	292.97	1.5	ANNUAL	SRCGP10	5
605652.2	4122180	4.27708	55.38	292.97	1.5	ANNUAL	SRCGP10	5
605672.2	4122180	4.60183	55.24	292.97	1.5	ANNUAL	SRCGP10	5
605692.2	4122180	4.96066	55.35	292.97	1.5	ANNUAL	SRCGP10	5
605712.2	4122180	5.35589	55.68	292.97	1.5	ANNUAL	SRCGP10	5
605732.2	4122180	5.78048	55.8	292.97	1.5	ANNUAL	SRCGP10	5
605752.2	4122180	6.22878	55.52	292.97	1.5	ANNUAL	SRCGP10	5
605772.2	4122180	6.73255	56.14	292.97	1.5	ANNUAL	SRCGP10	5
605792.2	4122180	7.25267	56.17	292.97	1.5	ANNUAL	SRCGP10	5
605812.2	4122180	7.78644	55.81	292.97	1.5	ANNUAL	SRCGP10	5
605832.2	4122180	8.37023	56.34	292.97	1.5	ANNUAL	SRCGP10	5
605892.2	4122180	10.08387	56.39	292.97	1.5	ANNUAL	SRCGP10	5
605912.2	4122180	10.60548	56.41	292.97	1.5	ANNUAL	SRCGP10	5
605932.2	4122180	11.05807	56.21	292.97	1.5	ANNUAL	SRCGP10	5
605952.2	4122180	11.44214	56.29	292.97	1.5	ANNUAL	SRCGP10	5
605972.2	4122180	11.72163	56.37	56.37	1.5	ANNUAL	SRCGP10	5

605992.2	4122180	11.87015	56.33	56.33	1.5	ANNUAL	SRCGP10	5
606012.2	4122180	11.87993	56.21	56.21	1.5	ANNUAL	SRCGP10	5
606032.2	4122180	11.76979	56.22	56.22	1.5	ANNUAL	SRCGP10	5
606052.2	4122180	11.5474	56.22	56.22	1.5	ANNUAL	SRCGP10	5
606132.2	4122180	10.15325	58.08	58.08	1.5	ANNUAL	SRCGP10	5
606152.2	4122180	9.79721	58.13	58.13	1.5	ANNUAL	SRCGP10	5
606172.2	4122180	9.43065	58.22	58.22	1.5	ANNUAL	SRCGP10	5
606332.2	4122180	6.02743	58.8	58.8	1.5	ANNUAL	SRCGP10	5
606352.2	4122180	5.67278	57.63	59.63	1.5	ANNUAL	SRCGP10	5
606672.2	4122180	2.33281	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606712.2	4122180	2.12369	59.93	59.93	1.5	ANNUAL	SRCGP10	5
606812.2	4122180	1.70645	59.66	59.66	1.5	ANNUAL	SRCGP10	5
606832.2	4122180	1.63712	59.71	59.71	1.5	ANNUAL	SRCGP10	5
606852.2	4122180	1.57169	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606872.2	4122180	1.51029	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606892.2	4122180	1.45245	59.9	59.9	1.5	ANNUAL	SRCGP10	5
606912.2	4122180	1.39785	59.94	59.94	1.5	ANNUAL	SRCGP10	5
605872.2	4122200	9.04349	56.28	292.97	1.5	ANNUAL	SRCGP10	5
605892.2	4122200	9.47609	56.46	292.97	1.5	ANNUAL	SRCGP10	5
605912.2	4122200	9.85325	56.3	56.3	1.5	ANNUAL	SRCGP10	5
605932.2	4122200	10.16303	56.19	56.19	1.5	ANNUAL	SRCGP10	5
605952.2	4122200	10.40101	56.27	56.27	1.5	ANNUAL	SRCGP10	5
605972.2	4122200	10.54202	56.31	56.31	1.5	ANNUAL	SRCGP10	5
605992.2	4122200	10.57423	56.25	56.25	1.5	ANNUAL	SRCGP10	5
606012.2	4122200	10.50395	56.2	56.2	1.5	ANNUAL	SRCGP10	5
606032.2	4122200	10.34532	56.22	56.22	1.5	ANNUAL	SRCGP10	5
606052.2	4122200	10.11516	56.26	56.26	1.5	ANNUAL	SRCGP10	5
606072.2	4122200	9.8428	56.49	56.49	1.5	ANNUAL	SRCGP10	5
606132.2	4122200	8.92597	57.98	57.98	1.5	ANNUAL	SRCGP10	5
606152.2	4122200	8.63182	58.09	58.09	1.5	ANNUAL	SRCGP10	5
606172.2	4122200	8.32888	58.17	58.17	1.5	ANNUAL	SRCGP10	5
606332.2	4122200	5.51264	57.98	57.98	1.5	ANNUAL	SRCGP10	5
606352.2	4122200	5.20049	57.32	57.32	1.5	ANNUAL	SRCGP10	5
606672.2	4122200	2.2379	59.39	59.39	1.5	ANNUAL	SRCGP10	5
606752.2	4122200	1.87496	59.75	59.75	1.5	ANNUAL	SRCGP10	5
606772.2	4122200	1.7973	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606792.2	4122200	1.72378	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606812.2	4122200	1.65472	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606832.2	4122200	1.58956	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606852.2	4122200	1.52793	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606872.2	4122200	1.46974	59.94	59.94	1.5	ANNUAL	SRCGP10	5
606892.2	4122200	1.41505	59.84	59.84	1.5	ANNUAL	SRCGP10	5
605872.2	4122220	8.5268	56.62	56.62	1.5	ANNUAL	SRCGP10	5
605892.2	4122220	8.84446	56.43	56.43	1.5	ANNUAL	SRCGP10	5
605912.2	4122220	9.10751	56.32	56.32	1.5	ANNUAL	SRCGP10	5
605932.2	4122220	9.30899	56.33	56.33	1.5	ANNUAL	SRCGP10	5
605952.2	4122220	9.43173	56.25	56.25	1.5	ANNUAL	SRCGP10	5
605972.2	4122220	9.47955	56.31	56.31	1.5	ANNUAL	SRCGP10	5
605992.2	4122220	9.44011	56.27	56.27	1.5	ANNUAL	SRCGP10	5
606012.2	4122220	9.32279	56.21	56.21	1.5	ANNUAL	SRCGP10	5
606032.2	4122220	9.14609	56.24	56.24	1.5	ANNUAL	SRCGP10	5
606052.2	4122220	8.92698	56.33	56.33	1.5	ANNUAL	SRCGP10	5
606132.2	4122220	7.91327	58.08	58.08	1.5	ANNUAL	SRCGP10	5
606152.2	4122220	7.66836	58.18	58.18	1.5	ANNUAL	SRCGP10	5
606172.2	4122220	7.41482	58.24	58.24	1.5	ANNUAL	SRCGP10	5
606292.2	4122220	5.63235	58.14	58.14	1.5	ANNUAL	SRCGP10	5
606712.2	4122220	1.96714	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606732.2	4122220	1.88615	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606752.2	4122220	1.80949	59.94	59.94	1.5	ANNUAL	SRCGP10	5
606772.2	4122220	1.73738	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606792.2	4122220	1.66907	59.85	59.85	1.5	ANNUAL	SRCGP10	5
606812.2	4122220	1.60431	59.87	59.87	1.5	ANNUAL	SRCGP10	5
605872.2	4122240	7.98819	56.67	56.67	1.5	ANNUAL	SRCGP10	5

605892.2	4122240	8.21379	56.56	56.56	1.5	ANNUAL	SRCGP10	5
605912.2	4122240	8.38793	56.42	56.42	1.5	ANNUAL	SRCGP10	5
605932.2	4122240	8.50247	56.53	56.53	1.5	ANNUAL	SRCGP10	5
605952.2	4122240	8.55206	56.55	56.55	1.5	ANNUAL	SRCGP10	5
605972.2	4122240	8.53484	56.56	56.56	1.5	ANNUAL	SRCGP10	5
605992.2	4122240	8.45387	56.53	56.53	1.5	ANNUAL	SRCGP10	5
606012.2	4122240	8.31741	56.52	56.52	1.5	ANNUAL	SRCGP10	5
606032.2	4122240	8.13861	56.51	56.51	1.5	ANNUAL	SRCGP10	5
606052.2	4122240	7.93336	56.55	56.55	1.5	ANNUAL	SRCGP10	5
606132.2	4122240	7.07248	58.09	58.09	1.5	ANNUAL	SRCGP10	5
606152.2	4122240	6.86495	58.24	58.24	1.5	ANNUAL	SRCGP10	5
606192.2	4122240	6.42432	58.15	58.15	1.5	ANNUAL	SRCGP10	5
606292.2	4122240	5.14009	58.3	58.3	1.5	ANNUAL	SRCGP10	5
606312.2	4122240	4.88514	58.39	58.39	1.5	ANNUAL	SRCGP10	5
606332.2	4122240	4.63813	58.48	58.48	1.5	ANNUAL	SRCGP10	5
606352.2	4122240	4.40108	58.51	58.51	1.5	ANNUAL	SRCGP10	5
606392.2	4122240	3.9537	59.07	59.07	1.5	ANNUAL	SRCGP10	5
606412.2	4122240	3.75134	59.06	59.06	1.5	ANNUAL	SRCGP10	5
606452.2	4122240	3.38269	59.25	59.25	1.5	ANNUAL	SRCGP10	5
606472.2	4122240	3.21647	59.43	59.43	1.5	ANNUAL	SRCGP10	5
606712.2	4122240	1.89176	59.9	59.9	1.5	ANNUAL	SRCGP10	5
606732.2	4122240	1.81704	59.92	59.92	1.5	ANNUAL	SRCGP10	5
606752.2	4122240	1.74633	59.88	59.88	1.5	ANNUAL	SRCGP10	5
605852.2	4122260	7.25562	57.05	57.05	1.5	ANNUAL	SRCGP10	5
605872.2	4122260	7.44721	57.21	57.21	1.5	ANNUAL	SRCGP10	5
605892.2	4122260	7.59742	57.32	57.32	1.5	ANNUAL	SRCGP10	5
605912.2	4122260	7.70016	57.38	57.38	1.5	ANNUAL	SRCGP10	5
605932.2	4122260	7.74963	57.5	57.5	1.5	ANNUAL	SRCGP10	5
605952.2	4122260	7.74574	57.52	57.52	1.5	ANNUAL	SRCGP10	5
605972.2	4122260	7.687	57.67	57.67	1.5	ANNUAL	SRCGP10	5
605992.2	4122260	7.5818	57.72	57.72	1.5	ANNUAL	SRCGP10	5
606012.2	4122260	7.43916	57.69	57.69	1.5	ANNUAL	SRCGP10	5
606032.2	4122260	7.26893	57.73	57.73	1.5	ANNUAL	SRCGP10	5
606052.2	4122260	7.08477	57.78	57.78	1.5	ANNUAL	SRCGP10	5
606132.2	4122260	6.37151	57.6	57.6	1.5	ANNUAL	SRCGP10	5
606152.2	4122260	6.19048	58.06	58.06	1.5	ANNUAL	SRCGP10	5
606172.2	4122260	6.00492	58.21	58.21	1.5	ANNUAL	SRCGP10	5
606192.2	4122260	5.80988	58.18	58.18	1.5	ANNUAL	SRCGP10	5
606212.2	4122260	5.6035	58.08	58.08	1.5	ANNUAL	SRCGP10	5
606292.2	4122260	4.71437	58.24	58.24	1.5	ANNUAL	SRCGP10	5
606312.2	4122260	4.49391	58.44	58.44	1.5	ANNUAL	SRCGP10	5
606332.2	4122260	4.27963	58.62	58.62	1.5	ANNUAL	SRCGP10	5
606352.2	4122260	4.07271	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606392.2	4122260	3.68065	59.36	59.36	1.5	ANNUAL	SRCGP10	5
606412.2	4122260	3.50076	59.46	59.46	1.5	ANNUAL	SRCGP10	5
606452.2	4122260	3.171	59.75	59.75	1.5	ANNUAL	SRCGP10	5
606472.2	4122260	3.02247	59.81	59.81	1.5	ANNUAL	SRCGP10	5
606712.2	4122260	1.81969	59.71	59.71	1.5	ANNUAL	SRCGP10	5
605852.2	4122280	6.79214	57.17	57.17	1.5	ANNUAL	SRCGP10	5
605872.2	4122280	6.90966	58.52	58.52	1.5	ANNUAL	SRCGP10	5
605892.2	4122280	6.99596	58.94	58.94	1.5	ANNUAL	SRCGP10	5
605912.2	4122280	7.05622	58.28	59.19	1.5	ANNUAL	SRCGP10	5
605932.2	4122280	7.07044	57.6	57.6	1.5	ANNUAL	SRCGP10	5
605952.2	4122280	7.03203	57.58	57.58	1.5	ANNUAL	SRCGP10	5
605972.2	4122280	6.9501	57.77	57.77	1.5	ANNUAL	SRCGP10	5
605992.2	4122280	6.8351	57.82	57.82	1.5	ANNUAL	SRCGP10	5
606012.2	4122280	6.69541	57.78	57.78	1.5	ANNUAL	SRCGP10	5
606032.2	4122280	6.53922	57.81	57.81	1.5	ANNUAL	SRCGP10	5
606052.2	4122280	6.37408	58.08	58.08	1.5	ANNUAL	SRCGP10	5
606172.2	4122280	5.45427	58.06	58.06	1.5	ANNUAL	SRCGP10	5
606192.2	4122280	5.28368	58.2	58.2	1.5	ANNUAL	SRCGP10	5
606212.2	4122280	5.10522	58.15	58.15	1.5	ANNUAL	SRCGP10	5
606232.2	4122280	4.91791	58.18	58.18	1.5	ANNUAL	SRCGP10	5

606292.2	4122280	4.33995	58.3	58.3	1.5	ANNUAL	SRCGP10	5
606312.2	4122280	4.14932	58.48	58.48	1.5	ANNUAL	SRCGP10	5
606332.2	4122280	3.96312	58.66	58.66	1.5	ANNUAL	SRCGP10	5
606352.2	4122280	3.78235	58.83	58.83	1.5	ANNUAL	SRCGP10	5
606372.2	4122280	3.60652	59.12	59.12	1.5	ANNUAL	SRCGP10	5
606392.2	4122280	3.43767	59.4	59.4	1.5	ANNUAL	SRCGP10	5
606412.2	4122280	3.27844	59.45	59.45	1.5	ANNUAL	SRCGP10	5
606432.2	4122280	3.12689	59.54	59.54	1.5	ANNUAL	SRCGP10	5
606452.2	4122280	2.98288	59.75	59.75	1.5	ANNUAL	SRCGP10	5
606472.2	4122280	2.84883	59.79	59.79	1.5	ANNUAL	SRCGP10	5
606492.2	4122280	2.72375	59.75	59.75	1.5	ANNUAL	SRCGP10	5
606512.2	4122280	2.60676	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606532.2	4122280	2.49784	59.51	59.51	1.5	ANNUAL	SRCGP10	5
606552.2	4122280	2.39646	59.15	59.15	1.5	ANNUAL	SRCGP10	5
606572.2	4122280	2.29937	59.16	59.16	1.5	ANNUAL	SRCGP10	5
606892.2	4122280	1.27119	59.51	59.51	1.5	ANNUAL	SRCGP10	5
606912.2	4122280	1.22909	59.68	59.68	1.5	ANNUAL	SRCGP10	5
605632.2	4122300	4.18856	55.35	55.35	1.5	ANNUAL	SRCGP10	5
605652.2	4122300	4.4062	55.4	55.4	1.5	ANNUAL	SRCGP10	5
605672.2	4122300	4.63535	55.97	55.97	1.5	ANNUAL	SRCGP10	5
605692.2	4122300	4.86054	56.08	56.08	1.5	ANNUAL	SRCGP10	5
605852.2	4122300	6.34242	56.96	56.96	1.5	ANNUAL	SRCGP10	5
605872.2	4122300	6.41044	58.66	58.66	1.5	ANNUAL	SRCGP10	5
605892.2	4122300	6.43931	59.9	59.9	1.5	ANNUAL	SRCGP10	5
605912.2	4122300	6.4643	59.11	59.11	1.5	ANNUAL	SRCGP10	5
605932.2	4122300	6.45633	57.78	57.78	1.5	ANNUAL	SRCGP10	5
605952.2	4122300	6.397	57.67	57.67	1.5	ANNUAL	SRCGP10	5
605972.2	4122300	6.30461	57.77	57.77	1.5	ANNUAL	SRCGP10	5
605992.2	4122300	6.18845	57.81	57.81	1.5	ANNUAL	SRCGP10	5
606012.2	4122300	6.05662	57.78	57.78	1.5	ANNUAL	SRCGP10	5
606032.2	4122300	5.91621	57.79	57.79	1.5	ANNUAL	SRCGP10	5
606052.2	4122300	5.77309	57.96	57.96	1.5	ANNUAL	SRCGP10	5
606292.2	4122300	4.00976	58.39	58.39	1.5	ANNUAL	SRCGP10	5
606312.2	4122300	3.84294	58.65	58.65	1.5	ANNUAL	SRCGP10	5
606332.2	4122300	3.68003	58.85	58.85	1.5	ANNUAL	SRCGP10	5
606352.2	4122300	3.52262	58.89	58.89	1.5	ANNUAL	SRCGP10	5
606392.2	4122300	3.21803	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606412.2	4122300	3.0766	59.49	59.49	1.5	ANNUAL	SRCGP10	5
606432.2	4122300	2.94013	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606452.2	4122300	2.81101	59.81	59.81	1.5	ANNUAL	SRCGP10	5
606472.2	4122300	2.69003	59.79	59.79	1.5	ANNUAL	SRCGP10	5
606492.2	4122300	2.57562	59.85	59.85	1.5	ANNUAL	SRCGP10	5
606512.2	4122300	2.46864	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606832.2	4122300	1.36596	59.44	59.44	1.5	ANNUAL	SRCGP10	5
606852.2	4122300	1.3203	59.77	59.77	1.5	ANNUAL	SRCGP10	5
606872.2	4122300	1.2774	59.64	59.64	1.5	ANNUAL	SRCGP10	5
606892.2	4122300	1.23601	59.72	59.72	1.5	ANNUAL	SRCGP10	5
606912.2	4122300	1.19653	59.72	59.72	1.5	ANNUAL	SRCGP10	5
605632.2	4122320	4.14224	55.6	55.6	1.5	ANNUAL	SRCGP10	5
605652.2	4122320	4.34113	55.89	55.89	1.5	ANNUAL	SRCGP10	5
605672.2	4122320	4.54342	56.38	56.38	1.5	ANNUAL	SRCGP10	5
605692.2	4122320	4.73904	56.37	56.37	1.5	ANNUAL	SRCGP10	5
605772.2	4122320	5.45608	56.92	56.92	1.5	ANNUAL	SRCGP10	5
605792.2	4122320	5.60271	56.99	56.99	1.5	ANNUAL	SRCGP10	5
605852.2	4122320	5.90673	57.46	59.49	1.5	ANNUAL	SRCGP10	5
605872.2	4122320	5.93416	59.31	59.31	1.5	ANNUAL	SRCGP10	5
605892.2	4122320	5.94527	59.62	59.62	1.5	ANNUAL	SRCGP10	5
605912.2	4122320	5.93172	59.48	59.48	1.5	ANNUAL	SRCGP10	5
605932.2	4122320	5.90579	57.87	57.87	1.5	ANNUAL	SRCGP10	5
605952.2	4122320	5.83749	57.34	57.34	1.5	ANNUAL	SRCGP10	5
605972.2	4122320	5.73869	57.74	57.74	1.5	ANNUAL	SRCGP10	5
605992.2	4122320	5.62623	57.8	57.8	1.5	ANNUAL	SRCGP10	5
606012.2	4122320	5.50428	57.84	57.84	1.5	ANNUAL	SRCGP10	5

606032.2	4122320	5.37928	57.86	57.86	1.5	ANNUAL	SRCGP10	5
606392.2	4122320	3.01973	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606412.2	4122320	2.89322	59.52	59.52	1.5	ANNUAL	SRCGP10	5
606432.2	4122320	2.77183	59.54	59.54	1.5	ANNUAL	SRCGP10	5
606452.2	4122320	2.65368	59.91	59.91	1.5	ANNUAL	SRCGP10	5
606472.2	4122320	2.54447	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606752.2	4122320	1.51132	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606772.2	4122320	1.46072	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606792.2	4122320	1.41284	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606812.2	4122320	1.36716	59.77	59.77	1.5	ANNUAL	SRCGP10	5
606832.2	4122320	1.32323	59.72	59.72	1.5	ANNUAL	SRCGP10	5
606852.2	4122320	1.28073	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606872.2	4122320	1.24058	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606892.2	4122320	1.20176	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606912.2	4122320	1.16455	59.68	59.68	1.5	ANNUAL	SRCGP10	5
605632.2	4122340	4.07678	56.01	56.01	1.5	ANNUAL	SRCGP10	5
605652.2	4122340	4.24955	55.94	55.94	1.5	ANNUAL	SRCGP10	5
605672.2	4122340	4.42441	56.2	56.2	1.5	ANNUAL	SRCGP10	5
605692.2	4122340	4.59315	56.23	56.23	1.5	ANNUAL	SRCGP10	5
605712.2	4122340	4.75743	56.38	56.38	1.5	ANNUAL	SRCGP10	5
605732.2	4122340	4.90973	57.25	57.25	1.5	ANNUAL	SRCGP10	5
605752.2	4122340	5.04569	58.37	58.37	1.5	ANNUAL	SRCGP10	5
605772.2	4122340	5.17414	58.35	58.8	1.5	ANNUAL	SRCGP10	5
605792.2	4122340	5.28383	58.55	58.55	1.5	ANNUAL	SRCGP10	5
605812.2	4122340	5.37798	58.25	59.98	1.5	ANNUAL	SRCGP10	5
605832.2	4122340	5.44876	58.07	59.98	1.5	ANNUAL	SRCGP10	5
605852.2	4122340	5.48939	58.53	58.53	1.5	ANNUAL	SRCGP10	5
605872.2	4122340	5.49582	59.58	59.58	1.5	ANNUAL	SRCGP10	5
605892.2	4122340	5.48769	59.57	59.57	1.5	ANNUAL	SRCGP10	5
605912.2	4122340	5.45224	59.66	59.66	1.5	ANNUAL	SRCGP10	5
605932.2	4122340	5.40966	58.34	59	1.5	ANNUAL	SRCGP10	5
605952.2	4122340	5.33604	57.77	57.77	1.5	ANNUAL	SRCGP10	5
605972.2	4122340	5.24116	57.8	57.8	1.5	ANNUAL	SRCGP10	5
606692.2	4122340	1.60917	59.65	59.65	1.5	ANNUAL	SRCGP10	5
606712.2	4122340	1.55565	59.94	59.94	1.5	ANNUAL	SRCGP10	5
606732.2	4122340	1.50484	60.06	60.06	1.5	ANNUAL	SRCGP10	5
606752.2	4122340	1.45698	59.81	59.81	1.5	ANNUAL	SRCGP10	5
606772.2	4122340	1.41041	59.86	59.86	1.5	ANNUAL	SRCGP10	5
606792.2	4122340	1.36613	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606812.2	4122340	1.32328	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606832.2	4122340	1.28232	59.57	59.57	1.5	ANNUAL	SRCGP10	5
606852.2	4122340	1.24262	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606872.2	4122340	1.20443	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606892.2	4122340	1.16818	59.63	59.63	1.5	ANNUAL	SRCGP10	5
606912.2	4122340	1.13307	59.66	59.66	1.5	ANNUAL	SRCGP10	5
605632.2	4122360	3.98876	55.97	55.97	1.5	ANNUAL	SRCGP10	5
605652.2	4122360	4.14037	55.94	55.94	1.5	ANNUAL	SRCGP10	5
605672.2	4122360	4.29265	56.31	56.31	1.5	ANNUAL	SRCGP10	5
605692.2	4122360	4.43642	56.4	56.4	1.5	ANNUAL	SRCGP10	5
605712.2	4122360	4.57185	56.57	56.57	1.5	ANNUAL	SRCGP10	5
605732.2	4122360	4.69561	57.31	57.31	1.5	ANNUAL	SRCGP10	5
605752.2	4122360	4.79965	58.82	58.82	1.5	ANNUAL	SRCGP10	5
605772.2	4122360	4.88885	59.8	59.8	1.5	ANNUAL	SRCGP10	5
605792.2	4122360	4.97151	59.68	59.68	1.5	ANNUAL	SRCGP10	5
605812.2	4122360	5.02952	60.07	60.07	1.5	ANNUAL	SRCGP10	5
605832.2	4122360	5.07443	59.81	59.81	1.5	ANNUAL	SRCGP10	5
605852.2	4122360	5.09869	59.43	59.43	1.5	ANNUAL	SRCGP10	5
605872.2	4122360	5.09425	59.58	59.58	1.5	ANNUAL	SRCGP10	5
605892.2	4122360	5.06886	59.6	59.6	1.5	ANNUAL	SRCGP10	5
605912.2	4122360	5.01954	59.85	59.85	1.5	ANNUAL	SRCGP10	5
605952.2	4122360	4.89634	57.6	57.6	1.5	ANNUAL	SRCGP10	5
606632.2	4122360	1.70863	59.49	59.49	1.5	ANNUAL	SRCGP10	5
606652.2	4122360	1.6512	59.85	59.85	1.5	ANNUAL	SRCGP10	5

606672.2	4122360	1.59722	59.95	59.95	1.5	ANNUAL	SRCGP10	5
606692.2	4122360	1.54577	60.03	60.03	1.5	ANNUAL	SRCGP10	5
606712.2	4122360	1.49744	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606732.2	4122360	1.45011	59.9	59.9	1.5	ANNUAL	SRCGP10	5
606772.2	4122360	1.36224	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606792.2	4122360	1.32083	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606812.2	4122360	1.28087	59.52	59.52	1.5	ANNUAL	SRCGP10	5
606832.2	4122360	1.24214	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606852.2	4122360	1.20539	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606872.2	4122360	1.16928	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606892.2	4122360	1.13528	59.57	59.57	1.5	ANNUAL	SRCGP10	5
606912.2	4122360	1.10238	59.46	59.46	1.5	ANNUAL	SRCGP10	5
605632.2	4122380	3.88866	56.18	56.18	1.5	ANNUAL	SRCGP10	5
605652.2	4122380	4.01921	56.08	56.08	1.5	ANNUAL	SRCGP10	5
605672.2	4122380	4.14853	56.46	56.46	1.5	ANNUAL	SRCGP10	5
605692.2	4122380	4.2682	56.65	56.65	1.5	ANNUAL	SRCGP10	5
605712.2	4122380	4.37925	56.74	56.74	1.5	ANNUAL	SRCGP10	5
605732.2	4122380	4.47742	57.49	57.49	1.5	ANNUAL	SRCGP10	5
605752.2	4122380	4.5559	59.04	59.04	1.5	ANNUAL	SRCGP10	5
605772.2	4122380	4.62433	59.6	59.6	1.5	ANNUAL	SRCGP10	5
605792.2	4122380	4.67974	59.77	59.77	1.5	ANNUAL	SRCGP10	5
605812.2	4122380	4.71643	60.03	60.03	1.5	ANNUAL	SRCGP10	5
605832.2	4122380	4.74124	59.64	59.64	1.5	ANNUAL	SRCGP10	5
605852.2	4122380	4.74319	59.58	59.58	1.5	ANNUAL	SRCGP10	5
605872.2	4122380	4.72461	59.63	59.63	1.5	ANNUAL	SRCGP10	5
605892.2	4122380	4.68833	59.6	59.6	1.5	ANNUAL	SRCGP10	5
605912.2	4122380	4.63462	59.63	59.63	1.5	ANNUAL	SRCGP10	5
606572.2	4122380	1.81321	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606592.2	4122380	1.75144	59.66	59.66	1.5	ANNUAL	SRCGP10	5
606612.2	4122380	1.69297	59.72	59.72	1.5	ANNUAL	SRCGP10	5
606632.2	4122380	1.6377	59.71	59.71	1.5	ANNUAL	SRCGP10	5
606652.2	4122380	1.58474	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606752.2	4122380	1.3561	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606772.2	4122380	1.3153	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606792.2	4122380	1.27641	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606812.2	4122380	1.23942	59.63	59.63	1.5	ANNUAL	SRCGP10	5
606832.2	4122380	1.2035	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606852.2	4122380	1.16899	59.41	59.41	1.5	ANNUAL	SRCGP10	5
606872.2	4122380	1.1354	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606892.2	4122380	1.10299	59.62	59.62	1.5	ANNUAL	SRCGP10	5
605632.2	4122400	3.77571	56.24	56.24	1.5	ANNUAL	SRCGP10	5
605652.2	4122400	3.88683	56.1	56.1	1.5	ANNUAL	SRCGP10	5
605672.2	4122400	3.99561	56.5	56.5	1.5	ANNUAL	SRCGP10	5
605692.2	4122400	4.0943	56.64	56.64	1.5	ANNUAL	SRCGP10	5
605712.2	4122400	4.18379	56.76	56.76	1.5	ANNUAL	SRCGP10	5
605732.2	4122400	4.25994	57.59	57.59	1.5	ANNUAL	SRCGP10	5
605752.2	4122400	4.31635	59.26	59.26	1.5	ANNUAL	SRCGP10	5
605772.2	4122400	4.36583	59.6	59.6	1.5	ANNUAL	SRCGP10	5
605792.2	4122400	4.40304	59.59	59.59	1.5	ANNUAL	SRCGP10	5
605812.2	4122400	4.424	59.6	59.6	1.5	ANNUAL	SRCGP10	5
605832.2	4122400	4.42861	59.57	59.57	1.5	ANNUAL	SRCGP10	5
605852.2	4122400	4.41621	59.56	59.56	1.5	ANNUAL	SRCGP10	5
605872.2	4122400	4.38435	59.88	59.88	1.5	ANNUAL	SRCGP10	5
605892.2	4122400	4.34361	59.55	59.55	1.5	ANNUAL	SRCGP10	5
605912.2	4122400	4.29302	58.79	59.2	1.5	ANNUAL	SRCGP10	5
605932.2	4122400	4.23433	57.36	57.36	1.5	ANNUAL	SRCGP10	5
606512.2	4122400	1.92648	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606532.2	4122400	1.8593	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606552.2	4122400	1.79558	59.7	59.7	1.5	ANNUAL	SRCGP10	5
606572.2	4122400	1.7351	59.71	59.71	1.5	ANNUAL	SRCGP10	5
606592.2	4122400	1.67776	59.71	59.71	1.5	ANNUAL	SRCGP10	5
606692.2	4122400	1.43132	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606712.2	4122400	1.38831	59.86	59.86	1.5	ANNUAL	SRCGP10	5

606732.2	4122400	1.34743	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606752.2	4122400	1.30844	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606772.2	4122400	1.27057	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606792.2	4122400	1.23408	59.95	59.95	1.5	ANNUAL	SRCGP10	5
606812.2	4122400	1.19952	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606832.2	4122400	1.16585	59.63	59.63	1.5	ANNUAL	SRCGP10	5
605632.2	4122420	3.65475	56.36	56.36	1.5	ANNUAL	SRCGP10	5
605652.2	4122420	3.74978	56.42	56.42	1.5	ANNUAL	SRCGP10	5
605672.2	4122420	3.83783	56.71	56.71	1.5	ANNUAL	SRCGP10	5
605692.2	4122420	3.91789	56.78	56.78	1.5	ANNUAL	SRCGP10	5
605712.2	4122420	3.98861	56.82	56.82	1.5	ANNUAL	SRCGP10	5
605732.2	4122420	4.04676	57.47	57.47	1.5	ANNUAL	SRCGP10	5
605752.2	4122420	4.08545	59.24	59.24	1.5	ANNUAL	SRCGP10	5
605772.2	4122420	4.11776	59.59	59.59	1.5	ANNUAL	SRCGP10	5
605792.2	4122420	4.13898	59.56	59.56	1.5	ANNUAL	SRCGP10	5
605812.2	4122420	4.14576	59.53	59.53	1.5	ANNUAL	SRCGP10	5
605832.2	4122420	4.13898	59.36	59.36	1.5	ANNUAL	SRCGP10	5
605852.2	4122420	4.11778	59.19	59.19	1.5	ANNUAL	SRCGP10	5
605872.2	4122420	4.08613	58.56	59.97	1.5	ANNUAL	SRCGP10	5
605892.2	4122420	4.04123	58.02	59.56	1.5	ANNUAL	SRCGP10	5
605912.2	4122420	3.98673	57.26	57.26	1.5	ANNUAL	SRCGP10	5
606452.2	4122420	2.042	59.4	59.4	1.5	ANNUAL	SRCGP10	5
606472.2	4122420	1.97208	59.54	59.54	1.5	ANNUAL	SRCGP10	5
606492.2	4122420	1.90453	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606512.2	4122420	1.8399	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606532.2	4122420	1.77919	59.29	59.29	1.5	ANNUAL	SRCGP10	5
606552.2	4122420	1.71918	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606632.2	4122420	1.51006	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606652.2	4122420	1.46359	59.81	59.81	1.5	ANNUAL	SRCGP10	5
606672.2	4122420	1.42031	59.57	59.57	1.5	ANNUAL	SRCGP10	5
606692.2	4122420	1.37794	59.86	59.86	1.5	ANNUAL	SRCGP10	5
606712.2	4122420	1.33817	59.77	59.77	1.5	ANNUAL	SRCGP10	5
606732.2	4122420	1.29977	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606752.2	4122420	1.26296	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606772.2	4122420	1.22763	59.9	59.9	1.5	ANNUAL	SRCGP10	5
606852.2	4122420	1.0993	59.41	59.41	1.5	ANNUAL	SRCGP10	5
606872.2	4122420	1.06965	59.51	59.51	1.5	ANNUAL	SRCGP10	5
606892.2	4122420	1.04112	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606912.2	4122420	1.01387	59.15	59.15	1.5	ANNUAL	SRCGP10	5
605632.2	4122440	3.52725	56.46	56.46	1.5	ANNUAL	SRCGP10	5
605652.2	4122440	3.60616	56.76	56.76	1.5	ANNUAL	SRCGP10	5
605672.2	4122440	3.67784	56.96	56.96	1.5	ANNUAL	SRCGP10	5
605692.2	4122440	3.74156	56.98	56.98	1.5	ANNUAL	SRCGP10	5
605712.2	4122440	3.79614	56.95	56.95	1.5	ANNUAL	SRCGP10	5
605732.2	4122440	3.83876	57.48	57.48	1.5	ANNUAL	SRCGP10	5
605752.2	4122440	3.8673	58.5	58.96	1.5	ANNUAL	SRCGP10	5
605772.2	4122440	3.88736	58.64	59.06	1.5	ANNUAL	SRCGP10	5
605792.2	4122440	3.89613	58.54	58.54	1.5	ANNUAL	SRCGP10	5
605812.2	4122440	3.89283	58.29	58.29	1.5	ANNUAL	SRCGP10	5
605832.2	4122440	3.8768	58.03	58.03	1.5	ANNUAL	SRCGP10	5
605852.2	4122440	3.84913	57.63	57.63	1.5	ANNUAL	SRCGP10	5
605872.2	4122440	3.81085	57.03	57.03	1.5	ANNUAL	SRCGP10	5
605892.2	4122440	3.76106	57.01	57.01	1.5	ANNUAL	SRCGP10	5
606452.2	4122440	1.94426	59.7	59.7	1.5	ANNUAL	SRCGP10	5
606472.2	4122440	1.88093	59.64	59.64	1.5	ANNUAL	SRCGP10	5
606492.2	4122440	1.81969	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606552.2	4122440	1.64779	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606612.2	4122440	1.49655	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606632.2	4122440	1.45143	59.79	59.79	1.5	ANNUAL	SRCGP10	5
606652.2	4122440	1.40839	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606672.2	4122440	1.36781	59.45	59.45	1.5	ANNUAL	SRCGP10	5
606692.2	4122440	1.32786	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606712.2	4122440	1.29023	59.9	59.9	1.5	ANNUAL	SRCGP10	5

606732.2	4122440	1.2544	59.85	59.85	1.5	ANNUAL	SRCGP10	5
606812.2	4122440	1.12448	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606832.2	4122440	1.09475	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606852.2	4122440	1.06607	59.51	59.51	1.5	ANNUAL	SRCGP10	5
606872.2	4122440	1.0384	59.4	59.4	1.5	ANNUAL	SRCGP10	5
606892.2	4122440	1.01149	59.43	59.43	1.5	ANNUAL	SRCGP10	5
606912.2	4122440	0.9858	59.09	59.09	1.5	ANNUAL	SRCGP10	5
605632.2	4122460	3.39623	56.44	56.44	1.5	ANNUAL	SRCGP10	5
605652.2	4122460	3.46104	56.68	56.68	1.5	ANNUAL	SRCGP10	5
605672.2	4122460	3.51871	56.74	56.74	1.5	ANNUAL	SRCGP10	5
605692.2	4122460	3.56833	56.75	56.75	1.5	ANNUAL	SRCGP10	5
605712.2	4122460	3.60874	56.95	56.95	1.5	ANNUAL	SRCGP10	5
605732.2	4122460	3.63888	57.23	57.23	1.5	ANNUAL	SRCGP10	5
605752.2	4122460	3.65913	57.28	57.28	1.5	ANNUAL	SRCGP10	5
605772.2	4122460	3.66872	57.22	57.22	1.5	ANNUAL	SRCGP10	5
605792.2	4122460	3.66706	57.15	57.15	1.5	ANNUAL	SRCGP10	5
605812.2	4122460	3.65407	57.11	57.11	1.5	ANNUAL	SRCGP10	5
605832.2	4122460	3.63056	56.95	56.95	1.5	ANNUAL	SRCGP10	5
606392.2	4122460	2.03933	58.98	58.98	1.5	ANNUAL	SRCGP10	5
606412.2	4122460	1.97688	59.13	59.13	1.5	ANNUAL	SRCGP10	5
606432.2	4122460	1.91535	59.33	59.33	1.5	ANNUAL	SRCGP10	5
606552.2	4122460	1.57963	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606572.2	4122460	1.5307	59.86	59.86	1.5	ANNUAL	SRCGP10	5
606592.2	4122460	1.4834	60.06	60.06	1.5	ANNUAL	SRCGP10	5
606612.2	4122460	1.43861	60.12	60.12	1.5	ANNUAL	SRCGP10	5
606632.2	4122460	1.39656	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606652.2	4122460	1.35639	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606672.2	4122460	1.31791	59.54	59.54	1.5	ANNUAL	SRCGP10	5
606752.2	4122460	1.17931	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606772.2	4122460	1.14787	59.72	59.72	1.5	ANNUAL	SRCGP10	5
606792.2	4122460	1.11801	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606812.2	4122460	1.08882	59.77	59.77	1.5	ANNUAL	SRCGP10	5
606832.2	4122460	1.0611	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606852.2	4122460	1.03401	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606872.2	4122460	1.00806	59.41	59.41	1.5	ANNUAL	SRCGP10	5
606892.2	4122460	0.98257	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606912.2	4122460	0.95841	59.15	59.15	1.5	ANNUAL	SRCGP10	5
606332.2	4122480	2.11532	58.58	58.58	1.5	ANNUAL	SRCGP10	5
606352.2	4122480	2.05506	59.06	59.06	1.5	ANNUAL	SRCGP10	5
606372.2	4122480	1.99687	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606392.2	4122480	1.93955	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606412.2	4122480	1.88309	59.08	59.08	1.5	ANNUAL	SRCGP10	5
606432.2	4122480	1.82728	59.12	59.12	1.5	ANNUAL	SRCGP10	5
606452.2	4122480	1.77134	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606472.2	4122480	1.71635	60.03	60.03	1.5	ANNUAL	SRCGP10	5
606512.2	4122480	1.6127	60.22	60.22	1.5	ANNUAL	SRCGP10	5
606532.2	4122480	1.56356	60.18	60.18	1.5	ANNUAL	SRCGP10	5
606552.2	4122480	1.51637	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606572.2	4122480	1.47074	59.99	59.99	1.5	ANNUAL	SRCGP10	5
606592.2	4122480	1.42667	60.09	60.09	1.5	ANNUAL	SRCGP10	5
606612.2	4122480	1.38528	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606672.2	4122480	1.27106	59.49	59.49	1.5	ANNUAL	SRCGP10	5
606692.2	4122480	1.23588	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606712.2	4122480	1.20276	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606732.2	4122480	1.17031	59.91	59.91	1.5	ANNUAL	SRCGP10	5
606752.2	4122480	1.13984	59.82	59.82	1.5	ANNUAL	SRCGP10	5
606772.2	4122480	1.11019	60	60	1.5	ANNUAL	SRCGP10	5
606792.2	4122480	1.08195	59.96	59.96	1.5	ANNUAL	SRCGP10	5
606812.2	4122480	1.05471	59.93	59.93	1.5	ANNUAL	SRCGP10	5
606832.2	4122480	1.02874	59.6	59.6	1.5	ANNUAL	SRCGP10	5
606852.2	4122480	1.00318	59.66	59.66	1.5	ANNUAL	SRCGP10	5
606872.2	4122480	0.97869	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606892.2	4122480	0.95474	59.53	59.53	1.5	ANNUAL	SRCGP10	5

606912.2	4122480	0.93182	59.25	59.25	1.5	ANNUAL	SRCGP10	5
606332.2	4122500	2.00663	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606372.2	4122500	1.89955	59.23	59.23	1.5	ANNUAL	SRCGP10	5
606392.2	4122500	1.84767	59.06	59.06	1.5	ANNUAL	SRCGP10	5
606412.2	4122500	1.79592	59.06	59.06	1.5	ANNUAL	SRCGP10	5
606432.2	4122500	1.745	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606472.2	4122500	1.6429	59.97	59.97	1.5	ANNUAL	SRCGP10	5
606492.2	4122500	1.59426	60.12	60.12	1.5	ANNUAL	SRCGP10	5
606512.2	4122500	1.54776	59.9	59.9	1.5	ANNUAL	SRCGP10	5
606532.2	4122500	1.50262	59.62	59.62	1.5	ANNUAL	SRCGP10	5
606632.2	4122500	1.29713	59.6	59.6	1.5	ANNUAL	SRCGP10	5
606652.2	4122500	1.26087	59.7	59.7	1.5	ANNUAL	SRCGP10	5
606672.2	4122500	1.2262	59.82	59.82	1.5	ANNUAL	SRCGP10	5
606692.2	4122500	1.19325	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606712.2	4122500	1.16169	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606732.2	4122500	1.13159	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606752.2	4122500	1.10238	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606772.2	4122500	1.07472	59.95	59.95	1.5	ANNUAL	SRCGP10	5
606792.2	4122500	1.04832	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606812.2	4122500	1.02237	59.82	59.82	1.5	ANNUAL	SRCGP10	5
606832.2	4122500	0.99763	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606852.2	4122500	0.97379	59.45	59.45	1.5	ANNUAL	SRCGP10	5
606872.2	4122500	0.95041	59.53	59.53	1.5	ANNUAL	SRCGP10	5
606892.2	4122500	0.92774	59.62	59.62	1.5	ANNUAL	SRCGP10	5
606912.2	4122500	0.90609	59.34	59.34	1.5	ANNUAL	SRCGP10	5
606272.2	4122520	2.05778	58.54	58.54	1.5	ANNUAL	SRCGP10	5
606292.2	4122520	2.00665	59.05	59.05	1.5	ANNUAL	SRCGP10	5
606392.2	4122520	1.76196	59.17	59.17	1.5	ANNUAL	SRCGP10	5
606412.2	4122520	1.71465	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606432.2	4122520	1.66777	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606472.2	4122520	1.57479	59.65	59.65	1.5	ANNUAL	SRCGP10	5
606552.2	4122520	1.40295	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606572.2	4122520	1.36282	59.52	59.52	1.5	ANNUAL	SRCGP10	5
606592.2	4122520	1.32416	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606612.2	4122520	1.28704	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606632.2	4122520	1.25144	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606652.2	4122520	1.21733	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606672.2	4122520	1.18411	59.96	59.96	1.5	ANNUAL	SRCGP10	5
606692.2	4122520	1.15272	60.11	60.11	1.5	ANNUAL	SRCGP10	5
606712.2	4122520	1.12313	59.95	59.95	1.5	ANNUAL	SRCGP10	5
606732.2	4122520	1.09501	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606752.2	4122520	1.06726	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606772.2	4122520	1.04124	59.63	59.63	1.5	ANNUAL	SRCGP10	5
606792.2	4122520	1.01609	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606812.2	4122520	0.99175	59.39	59.39	1.5	ANNUAL	SRCGP10	5
606832.2	4122520	0.96798	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606852.2	4122520	0.94532	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606872.2	4122520	0.92311	59.64	59.64	1.5	ANNUAL	SRCGP10	5
606892.2	4122520	0.90164	59.76	59.76	1.5	ANNUAL	SRCGP10	5
606272.2	4122540	1.95262	59	59	1.5	ANNUAL	SRCGP10	5
606292.2	4122540	1.90693	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606312.2	4122540	1.86183	58.98	58.98	1.5	ANNUAL	SRCGP10	5
606332.2	4122540	1.81702	58.82	58.82	1.5	ANNUAL	SRCGP10	5
606352.2	4122540	1.77119	59.17	59.17	1.5	ANNUAL	SRCGP10	5
606372.2	4122540	1.72662	59.19	59.19	1.5	ANNUAL	SRCGP10	5
606392.2	4122540	1.68264	59.14	59.14	1.5	ANNUAL	SRCGP10	5
606412.2	4122540	1.63909	59.1	59.1	1.5	ANNUAL	SRCGP10	5
606432.2	4122540	1.59583	59.15	59.15	1.5	ANNUAL	SRCGP10	5
606492.2	4122540	1.46967	59.26	59.26	1.5	ANNUAL	SRCGP10	5
606512.2	4122540	1.42867	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606532.2	4122540	1.3891	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606552.2	4122540	1.35028	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606572.2	4122540	1.31302	59.5	59.5	1.5	ANNUAL	SRCGP10	5

606592.2	4122540	1.2767	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606612.2	4122540	1.24127	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606632.2	4122540	1.20832	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606652.2	4122540	1.17583	59.65	59.65	1.5	ANNUAL	SRCGP10	5
606672.2	4122540	1.14492	59.68	59.68	1.5	ANNUAL	SRCGP10	5
606692.2	4122540	1.11517	59.81	59.81	1.5	ANNUAL	SRCGP10	5
606712.2	4122540	1.08688	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606732.2	4122540	1.06019	59.44	59.44	1.5	ANNUAL	SRCGP10	5
606752.2	4122540	1.03413	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606772.2	4122540	1.00908	59.52	59.52	1.5	ANNUAL	SRCGP10	5
606792.2	4122540	0.98496	59.6	59.6	1.5	ANNUAL	SRCGP10	5
606812.2	4122540	0.96195	59.46	59.46	1.5	ANNUAL	SRCGP10	5
606832.2	4122540	0.9394	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606852.2	4122540	0.91784	59.64	59.64	1.5	ANNUAL	SRCGP10	5
606872.2	4122540	0.89702	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606892.2	4122540	0.87674	59.59	59.59	1.5	ANNUAL	SRCGP10	5
605632.2	4122560	2.74885	56.47	56.47	1.5	ANNUAL	SRCGP10	5
605652.2	4122560	2.76563	56.51	56.51	1.5	ANNUAL	SRCGP10	5
605672.2	4122560	2.77652	56.69	56.69	1.5	ANNUAL	SRCGP10	5
605692.2	4122560	2.78135	56.62	56.62	1.5	ANNUAL	SRCGP10	5
605712.2	4122560	2.7799	56.64	56.64	1.5	ANNUAL	SRCGP10	5
605732.2	4122560	2.77215	56.66	56.66	1.5	ANNUAL	SRCGP10	5
605752.2	4122560	2.75824	56.66	56.66	1.5	ANNUAL	SRCGP10	5
605772.2	4122560	2.73843	56.76	56.76	1.5	ANNUAL	SRCGP10	5
605792.2	4122560	2.71327	56.72	56.72	1.5	ANNUAL	SRCGP10	5
605812.2	4122560	2.68334	56.79	56.79	1.5	ANNUAL	SRCGP10	5
605832.2	4122560	2.64955	56.82	56.82	1.5	ANNUAL	SRCGP10	5
605852.2	4122560	2.61288	56.81	56.81	1.5	ANNUAL	SRCGP10	5
606292.2	4122560	1.81543	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606312.2	4122560	1.77359	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606332.2	4122560	1.73212	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606352.2	4122560	1.69066	58.98	58.98	1.5	ANNUAL	SRCGP10	5
606492.2	4122560	1.41178	59.36	59.36	1.5	ANNUAL	SRCGP10	5
606512.2	4122560	1.37383	59.54	59.54	1.5	ANNUAL	SRCGP10	5
606532.2	4122560	1.3372	59.41	59.41	1.5	ANNUAL	SRCGP10	5
606552.2	4122560	1.30073	59.67	59.67	1.5	ANNUAL	SRCGP10	5
606572.2	4122560	1.26548	59.79	59.79	1.5	ANNUAL	SRCGP10	5
606592.2	4122560	1.23153	59.77	59.77	1.5	ANNUAL	SRCGP10	5
606612.2	4122560	1.19851	59.87	59.87	1.5	ANNUAL	SRCGP10	5
606632.2	4122560	1.16744	59.45	59.45	1.5	ANNUAL	SRCGP10	5
606652.2	4122560	1.13671	59.63	59.63	1.5	ANNUAL	SRCGP10	5
606672.2	4122560	1.10752	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606692.2	4122560	1.07939	59.63	59.63	1.5	ANNUAL	SRCGP10	5
606712.2	4122560	1.05256	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606732.2	4122560	1.02663	59.7	59.7	1.5	ANNUAL	SRCGP10	5
606752.2	4122560	1.00188	59.71	59.71	1.5	ANNUAL	SRCGP10	5
606772.2	4122560	0.97819	59.65	59.65	1.5	ANNUAL	SRCGP10	5
606792.2	4122560	0.9552	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606812.2	4122560	0.93331	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606832.2	4122560	0.91218	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606852.2	4122560	0.89162	59.66	59.66	1.5	ANNUAL	SRCGP10	5
606872.2	4122560	0.87185	59.58	59.58	1.5	ANNUAL	SRCGP10	5
605632.2	4122580	2.62768	56.22	56.22	1.5	ANNUAL	SRCGP10	5
605652.2	4122580	2.63866	56.26	56.26	1.5	ANNUAL	SRCGP10	5
605672.2	4122580	2.64456	56.39	56.39	1.5	ANNUAL	SRCGP10	5
605692.2	4122580	2.6439	56.29	56.29	1.5	ANNUAL	SRCGP10	5
605712.2	4122580	2.63831	56.36	56.36	1.5	ANNUAL	SRCGP10	5
605732.2	4122580	2.62667	56.33	56.33	1.5	ANNUAL	SRCGP10	5
605752.2	4122580	2.60978	56.33	56.33	1.5	ANNUAL	SRCGP10	5
605772.2	4122580	2.58812	56.48	56.48	1.5	ANNUAL	SRCGP10	5
605792.2	4122580	2.56174	56.51	56.51	1.5	ANNUAL	SRCGP10	5
605812.2	4122580	2.53159	56.51	56.51	1.5	ANNUAL	SRCGP10	5
605832.2	4122580	2.49846	56.56	56.56	1.5	ANNUAL	SRCGP10	5

605852.2	4122580	2.4633	56.58	56.58	1.5	ANNUAL	SRCGP10	5
605872.2	4122580	2.42702	56.62	56.62	1.5	ANNUAL	SRCGP10	5
605892.2	4122580	2.39055	56.62	56.62	1.5	ANNUAL	SRCGP10	5
605912.2	4122580	2.35466	56.61	56.61	1.5	ANNUAL	SRCGP10	5
605932.2	4122580	2.31997	56.61	56.61	1.5	ANNUAL	SRCGP10	5
606252.2	4122580	1.80689	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606272.2	4122580	1.76843	59.03	59.03	1.5	ANNUAL	SRCGP10	5
606292.2	4122580	1.73002	59.03	59.03	1.5	ANNUAL	SRCGP10	5
606312.2	4122580	1.69145	59.1	59.1	1.5	ANNUAL	SRCGP10	5
606472.2	4122580	1.39299	59.36	59.36	1.5	ANNUAL	SRCGP10	5
606492.2	4122580	1.35724	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606512.2	4122580	1.32185	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606532.2	4122580	1.28816	59.36	59.36	1.5	ANNUAL	SRCGP10	5
606552.2	4122580	1.25372	59.85	59.85	1.5	ANNUAL	SRCGP10	5
606572.2	4122580	1.22087	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606592.2	4122580	1.18894	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606612.2	4122580	1.15854	59.51	59.51	1.5	ANNUAL	SRCGP10	5
606632.2	4122580	1.1286	59.52	59.52	1.5	ANNUAL	SRCGP10	5
606652.2	4122580	1.09973	59.54	59.54	1.5	ANNUAL	SRCGP10	5
606672.2	4122580	1.07196	59.56	59.56	1.5	ANNUAL	SRCGP10	5
606692.2	4122580	1.04498	59.83	59.83	1.5	ANNUAL	SRCGP10	5
606712.2	4122580	1.01951	59.75	59.75	1.5	ANNUAL	SRCGP10	5
606732.2	4122580	0.99508	59.65	59.65	1.5	ANNUAL	SRCGP10	5
606752.2	4122580	0.9716	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606772.2	4122580	0.94908	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606792.2	4122580	0.92731	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606812.2	4122580	0.90627	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606832.2	4122580	0.88611	59.53	59.53	1.5	ANNUAL	SRCGP10	5
606852.2	4122580	0.86654	59.6	59.6	1.5	ANNUAL	SRCGP10	5
606992.2	4122580	0.74573	59.46	59.46	1.5	ANNUAL	SRCGP10	5
607012.2	4122580	0.73035	59.39	59.39	1.5	ANNUAL	SRCGP10	5
607032.2	4122580	0.71529	59.45	59.45	1.5	ANNUAL	SRCGP10	5
607052.2	4122580	0.70094	58.85	58.85	1.5	ANNUAL	SRCGP10	5
605932.2	4122600	2.19419	56.42	56.42	1.5	ANNUAL	SRCGP10	5
606252.2	4122600	1.72201	58.95	58.95	1.5	ANNUAL	SRCGP10	5
606272.2	4122600	1.68596	59.29	59.29	1.5	ANNUAL	SRCGP10	5
606292.2	4122600	1.65067	59.23	59.23	1.5	ANNUAL	SRCGP10	5
606312.2	4122600	1.61547	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606412.2	4122600	1.44107	59.03	59.03	1.5	ANNUAL	SRCGP10	5
606432.2	4122600	1.40702	59.02	59.02	1.5	ANNUAL	SRCGP10	5
606452.2	4122600	1.37318	59.07	59.07	1.5	ANNUAL	SRCGP10	5
606472.2	4122600	1.33982	59.05	59.05	1.5	ANNUAL	SRCGP10	5
606492.2	4122600	1.30617	59.45	59.45	1.5	ANNUAL	SRCGP10	5
606512.2	4122600	1.27365	59.44	59.44	1.5	ANNUAL	SRCGP10	5
606532.2	4122600	1.24153	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606552.2	4122600	1.21019	59.43	59.43	1.5	ANNUAL	SRCGP10	5
606572.2	4122600	1.17958	59.31	59.31	1.5	ANNUAL	SRCGP10	5
606592.2	4122600	1.14933	59.49	59.49	1.5	ANNUAL	SRCGP10	5
606612.2	4122600	1.12015	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606632.2	4122600	1.09182	59.55	59.55	1.5	ANNUAL	SRCGP10	5
606652.2	4122600	1.0646	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606672.2	4122600	1.03814	59.59	59.59	1.5	ANNUAL	SRCGP10	5
606692.2	4122600	1.01253	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606712.2	4122600	0.98871	59.35	59.35	1.5	ANNUAL	SRCGP10	5
606992.2	4122600	0.72735	59.59	59.59	1.5	ANNUAL	SRCGP10	5
607012.2	4122600	0.71262	59.66	59.66	1.5	ANNUAL	SRCGP10	5
607032.2	4122600	0.69829	59.69	59.69	1.5	ANNUAL	SRCGP10	5
607052.2	4122600	0.68478	58.78	58.78	1.5	ANNUAL	SRCGP10	5
605632.2	4122620	2.40089	56.39	56.39	1.5	ANNUAL	SRCGP10	5
605652.2	4122620	2.4024	56.39	56.39	1.5	ANNUAL	SRCGP10	5
605672.2	4122620	2.3993	56.48	56.48	1.5	ANNUAL	SRCGP10	5
605692.2	4122620	2.39159	56.45	56.45	1.5	ANNUAL	SRCGP10	5
605712.2	4122620	2.37925	56.35	56.35	1.5	ANNUAL	SRCGP10	5

605752.2	4122620	2.34088	56.02	56.02	1.5	ANNUAL	SRCGP10	5
605772.2	4122620	2.31784	56.24	56.24	1.5	ANNUAL	SRCGP10	5
605792.2	4122620	2.29118	56.3	56.3	1.5	ANNUAL	SRCGP10	5
605812.2	4122620	2.26229	56.37	56.37	1.5	ANNUAL	SRCGP10	5
605832.2	4122620	2.23163	56.42	56.42	1.5	ANNUAL	SRCGP10	5
605852.2	4122620	2.20016	56.4	56.4	1.5	ANNUAL	SRCGP10	5
605872.2	4122620	2.16858	56.37	56.37	1.5	ANNUAL	SRCGP10	5
605892.2	4122620	2.1374	56.32	56.32	1.5	ANNUAL	SRCGP10	5
605932.2	4122620	2.07905	56.38	56.38	1.5	ANNUAL	SRCGP10	5
606232.2	4122620	1.67572	58.93	58.93	1.5	ANNUAL	SRCGP10	5
606252.2	4122620	1.64321	59.02	59.02	1.5	ANNUAL	SRCGP10	5
606272.2	4122620	1.6104	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606292.2	4122620	1.57748	59.18	59.18	1.5	ANNUAL	SRCGP10	5
606312.2	4122620	1.54491	59.06	59.06	1.5	ANNUAL	SRCGP10	5
606352.2	4122620	1.47962	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606372.2	4122620	1.4473	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606412.2	4122620	1.3834	58.93	58.93	1.5	ANNUAL	SRCGP10	5
606432.2	4122620	1.35195	58.82	58.82	1.5	ANNUAL	SRCGP10	5
606452.2	4122620	1.32091	58.61	58.61	1.5	ANNUAL	SRCGP10	5
606472.2	4122620	1.28978	58.66	58.66	1.5	ANNUAL	SRCGP10	5
606492.2	4122620	1.25797	59.41	59.41	1.5	ANNUAL	SRCGP10	5
606512.2	4122620	1.22735	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606532.2	4122620	1.19751	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606552.2	4122620	1.16835	59.4	59.4	1.5	ANNUAL	SRCGP10	5
606572.2	4122620	1.13941	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606592.2	4122620	1.1113	59.4	59.4	1.5	ANNUAL	SRCGP10	5
606612.2	4122620	1.08388	59.34	59.34	1.5	ANNUAL	SRCGP10	5
606632.2	4122620	1.05712	59.39	59.39	1.5	ANNUAL	SRCGP10	5
606652.2	4122620	1.0313	59.34	59.34	1.5	ANNUAL	SRCGP10	5
606672.2	4122620	1.00589	59.73	59.73	1.5	ANNUAL	SRCGP10	5
606692.2	4122620	0.9825	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606992.2	4122620	0.70962	59.57	59.57	1.5	ANNUAL	SRCGP10	5
607012.2	4122620	0.69554	59.71	59.71	1.5	ANNUAL	SRCGP10	5
607032.2	4122620	0.68188	59.74	59.74	1.5	ANNUAL	SRCGP10	5
607052.2	4122620	0.6687	59.48	59.48	1.5	ANNUAL	SRCGP10	5
605632.2	4122640	2.29359	56.2	56.2	1.5	ANNUAL	SRCGP10	5
605652.2	4122640	2.29196	56.31	56.31	1.5	ANNUAL	SRCGP10	5
605672.2	4122640	2.28599	56.4	56.4	1.5	ANNUAL	SRCGP10	5
605692.2	4122640	2.27553	56.35	56.35	1.5	ANNUAL	SRCGP10	5
605712.2	4122640	2.26121	56.35	56.35	1.5	ANNUAL	SRCGP10	5
605752.2	4122640	2.22068	56.05	56.05	1.5	ANNUAL	SRCGP10	5
605772.2	4122640	2.19742	56.3	56.3	1.5	ANNUAL	SRCGP10	5
605792.2	4122640	2.1712	56.39	56.39	1.5	ANNUAL	SRCGP10	5
605812.2	4122640	2.14303	56.55	56.55	1.5	ANNUAL	SRCGP10	5
605832.2	4122640	2.11387	56.54	56.54	1.5	ANNUAL	SRCGP10	5
605852.2	4122640	2.08439	56.52	56.52	1.5	ANNUAL	SRCGP10	5
605872.2	4122640	2.05514	56.68	56.68	1.5	ANNUAL	SRCGP10	5
605892.2	4122640	2.02671	56.51	56.51	1.5	ANNUAL	SRCGP10	5
605932.2	4122640	1.97321	56.32	56.32	1.5	ANNUAL	SRCGP10	5
606232.2	4122640	1.60011	59.03	59.03	1.5	ANNUAL	SRCGP10	5
606252.2	4122640	1.57011	59.05	59.05	1.5	ANNUAL	SRCGP10	5
606272.2	4122640	1.53983	59.07	59.07	1.5	ANNUAL	SRCGP10	5
606292.2	4122640	1.50937	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606312.2	4122640	1.47909	59.03	59.03	1.5	ANNUAL	SRCGP10	5
606352.2	4122640	1.41857	58.98	58.98	1.5	ANNUAL	SRCGP10	5
606412.2	4122640	1.32919	58.87	58.87	1.5	ANNUAL	SRCGP10	5
606432.2	4122640	1.29998	58.74	58.74	1.5	ANNUAL	SRCGP10	5
606452.2	4122640	1.27092	58.67	58.67	1.5	ANNUAL	SRCGP10	5
606472.2	4122640	1.24191	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606492.2	4122640	1.21279	59.12	59.12	1.5	ANNUAL	SRCGP10	5
606512.2	4122640	1.18411	59.4	59.4	1.5	ANNUAL	SRCGP10	5
606532.2	4122640	1.15589	59.61	59.61	1.5	ANNUAL	SRCGP10	5
606552.2	4122640	1.12879	59.29	59.29	1.5	ANNUAL	SRCGP10	5

606572.2	4122640	1.10151	59.46	59.46	1.5	ANNUAL	SRCGP10	5
606592.2	4122640	1.07515	59.33	59.33	1.5	ANNUAL	SRCGP10	5
606612.2	4122640	1.04906	59.48	59.48	1.5	ANNUAL	SRCGP10	5
606632.2	4122640	1.02409	59.24	59.24	1.5	ANNUAL	SRCGP10	5
606652.2	4122640	0.99947	59.35	59.35	1.5	ANNUAL	SRCGP10	5
606672.2	4122640	0.97624	58.82	58.82	1.5	ANNUAL	SRCGP10	5
606732.2	4122640	0.90996	58.7	58.7	1.5	ANNUAL	SRCGP10	5
606752.2	4122640	0.88945	58.71	58.71	1.5	ANNUAL	SRCGP10	5
606772.2	4122640	0.86972	58.71	58.71	1.5	ANNUAL	SRCGP10	5
606852.2	4122640	0.79783	58.74	58.74	1.5	ANNUAL	SRCGP10	5
606872.2	4122640	0.78144	58.68	58.68	1.5	ANNUAL	SRCGP10	5
606992.2	4122640	0.69243	59.6	59.6	1.5	ANNUAL	SRCGP10	5
607012.2	4122640	0.67899	59.74	59.74	1.5	ANNUAL	SRCGP10	5
607032.2	4122640	0.66595	59.77	59.77	1.5	ANNUAL	SRCGP10	5
607052.2	4122640	0.65323	59.79	59.79	1.5	ANNUAL	SRCGP10	5
605632.2	4122660	2.19067	55.89	55.89	1.5	ANNUAL	SRCGP10	5
605652.2	4122660	2.1862	56.02	56.02	1.5	ANNUAL	SRCGP10	5
605672.2	4122660	2.17769	56.08	56.08	1.5	ANNUAL	SRCGP10	5
605692.2	4122660	2.16541	56.11	56.11	1.5	ANNUAL	SRCGP10	5
605712.2	4122660	2.14937	56.06	56.06	1.5	ANNUAL	SRCGP10	5
605752.2	4122660	2.10782	55.86	55.86	1.5	ANNUAL	SRCGP10	5
605772.2	4122660	2.08462	56.09	56.09	1.5	ANNUAL	SRCGP10	5
605792.2	4122660	2.05914	56.18	56.18	1.5	ANNUAL	SRCGP10	5
605812.2	4122660	2.03284	56.38	56.38	1.5	ANNUAL	SRCGP10	5
605832.2	4122660	2.00507	56.3	56.3	1.5	ANNUAL	SRCGP10	5
605852.2	4122660	1.97783	56.39	56.39	1.5	ANNUAL	SRCGP10	5
605872.2	4122660	1.95083	56.58	56.58	1.5	ANNUAL	SRCGP10	5
605892.2	4122660	1.92475	56.56	56.56	1.5	ANNUAL	SRCGP10	5
605932.2	4122660	1.87589	56.27	56.27	1.5	ANNUAL	SRCGP10	5
606252.2	4122660	1.50214	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606272.2	4122660	1.47393	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606292.2	4122660	1.44574	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606312.2	4122660	1.41761	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606352.2	4122660	1.36135	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606412.2	4122660	1.27814	58.88	58.88	1.5	ANNUAL	SRCGP10	5
606432.2	4122660	1.25085	58.82	58.82	1.5	ANNUAL	SRCGP10	5
606452.2	4122660	1.22353	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606472.2	4122660	1.19671	58.85	58.85	1.5	ANNUAL	SRCGP10	5
606492.2	4122660	1.17011	58.76	58.76	1.5	ANNUAL	SRCGP10	5
606512.2	4122660	1.14275	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606532.2	4122660	1.11663	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606552.2	4122660	1.09088	59.47	59.47	1.5	ANNUAL	SRCGP10	5
606572.2	4122660	1.06586	59.13	59.13	1.5	ANNUAL	SRCGP10	5
606592.2	4122660	1.04073	59.29	59.29	1.5	ANNUAL	SRCGP10	5
606612.2	4122660	1.01634	59.25	59.25	1.5	ANNUAL	SRCGP10	5
606632.2	4122660	0.99249	59.24	59.24	1.5	ANNUAL	SRCGP10	5
606652.2	4122660	0.96909	59.44	59.44	1.5	ANNUAL	SRCGP10	5
606672.2	4122660	0.94713	58.79	58.79	1.5	ANNUAL	SRCGP10	5
606712.2	4122660	0.90441	58.53	58.53	1.5	ANNUAL	SRCGP10	5
606732.2	4122660	0.88393	58.72	58.72	1.5	ANNUAL	SRCGP10	5
606752.2	4122660	0.86429	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606772.2	4122660	0.84542	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606792.2	4122660	0.82725	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606832.2	4122660	0.79287	58.78	58.78	1.5	ANNUAL	SRCGP10	5
606852.2	4122660	0.7766	58.78	58.78	1.5	ANNUAL	SRCGP10	5
606872.2	4122660	0.7608	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606892.2	4122660	0.74558	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606992.2	4122660	0.67579	59.64	59.64	1.5	ANNUAL	SRCGP10	5
607012.2	4122660	0.66296	59.77	59.77	1.5	ANNUAL	SRCGP10	5
607032.2	4122660	0.65051	59.77	59.77	1.5	ANNUAL	SRCGP10	5
605632.2	4122680	2.09296	55.67	55.67	1.5	ANNUAL	SRCGP10	5
605652.2	4122680	2.08581	55.72	55.72	1.5	ANNUAL	SRCGP10	5
605672.2	4122680	2.07529	55.77	55.77	1.5	ANNUAL	SRCGP10	5

605852.2	4122680	1.87866	56.07	56.07	1.5	ANNUAL	SRCGP10	5
605872.2	4122680	1.8547	56.62	56.62	1.5	ANNUAL	SRCGP10	5
605892.2	4122680	1.83081	56.71	56.71	1.5	ANNUAL	SRCGP10	5
605932.2	4122680	1.78623	56.25	56.25	1.5	ANNUAL	SRCGP10	5
605952.2	4122680	1.76613	56.78	56.78	1.5	ANNUAL	SRCGP10	5
605972.2	4122680	1.7464	57.09	57.09	1.5	ANNUAL	SRCGP10	5
606252.2	4122680	1.43867	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606272.2	4122680	1.41254	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606312.2	4122680	1.36008	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606352.2	4122680	1.30762	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606372.2	4122680	1.28164	58.95	58.95	1.5	ANNUAL	SRCGP10	5
606392.2	4122680	1.25601	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606412.2	4122680	1.22998	58.99	58.99	1.5	ANNUAL	SRCGP10	5
606432.2	4122680	1.20455	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606452.2	4122680	1.17919	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606472.2	4122680	1.15411	58.86	58.86	1.5	ANNUAL	SRCGP10	5
606492.2	4122680	1.1293	58.74	58.74	1.5	ANNUAL	SRCGP10	5
606512.2	4122680	1.10376	59.44	59.44	1.5	ANNUAL	SRCGP10	5
606532.2	4122680	1.07944	59.32	59.32	1.5	ANNUAL	SRCGP10	5
606552.2	4122680	1.05518	59.38	59.38	1.5	ANNUAL	SRCGP10	5
606572.2	4122680	1.03185	58.86	58.86	1.5	ANNUAL	SRCGP10	5
606592.2	4122680	1.00818	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606612.2	4122680	0.98498	59.19	59.19	1.5	ANNUAL	SRCGP10	5
606632.2	4122680	0.9622	59.44	59.44	1.5	ANNUAL	SRCGP10	5
606652.2	4122680	0.94028	59.36	59.36	1.5	ANNUAL	SRCGP10	5
606732.2	4122680	0.85914	58.66	58.66	1.5	ANNUAL	SRCGP10	5
606752.2	4122680	0.84034	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606772.2	4122680	0.82227	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606792.2	4122680	0.80487	58.73	58.73	1.5	ANNUAL	SRCGP10	5
606812.2	4122680	0.78807	58.76	58.76	1.5	ANNUAL	SRCGP10	5
606832.2	4122680	0.7718	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606852.2	4122680	0.75613	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606872.2	4122680	0.74106	59.05	59.05	1.5	ANNUAL	SRCGP10	5
606892.2	4122680	0.72655	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606992.2	4122680	0.65976	59.57	59.57	1.5	ANNUAL	SRCGP10	5
607012.2	4122680	0.64752	59.61	59.61	1.5	ANNUAL	SRCGP10	5
607032.2	4122680	0.63557	59.7	59.7	1.5	ANNUAL	SRCGP10	5
605632.2	4122700	2.00238	56.12	56.12	1.5	ANNUAL	SRCGP10	5
605652.2	4122700	1.99327	56.16	56.16	1.5	ANNUAL	SRCGP10	5
605672.2	4122700	1.98122	56.22	56.22	1.5	ANNUAL	SRCGP10	5
605692.2	4122700	1.96617	56.22	56.22	1.5	ANNUAL	SRCGP10	5
605712.2	4122700	1.94867	56.25	56.25	1.5	ANNUAL	SRCGP10	5
605752.2	4122700	1.90658	56.02	56.02	1.5	ANNUAL	SRCGP10	5
605772.2	4122700	1.88371	56.04	56.04	1.5	ANNUAL	SRCGP10	5
605792.2	4122700	1.86011	56.11	56.11	1.5	ANNUAL	SRCGP10	5
605812.2	4122700	1.836	56.14	56.14	1.5	ANNUAL	SRCGP10	5
605852.2	4122700	1.78801	56.07	56.07	1.5	ANNUAL	SRCGP10	5
605872.2	4122700	1.76597	56.63	56.63	1.5	ANNUAL	SRCGP10	5
605892.2	4122700	1.74409	56.78	56.78	1.5	ANNUAL	SRCGP10	5
605932.2	4122700	1.70333	56.22	56.22	1.5	ANNUAL	SRCGP10	5
605952.2	4122700	1.68503	56.78	56.78	1.5	ANNUAL	SRCGP10	5
605972.2	4122700	1.66668	57.33	57.33	1.5	ANNUAL	SRCGP10	5
605992.2	4122700	1.64924	57.38	57.38	1.5	ANNUAL	SRCGP10	5
606012.2	4122700	1.63208	57.36	57.36	1.5	ANNUAL	SRCGP10	5
606032.2	4122700	1.61459	57.56	57.56	1.5	ANNUAL	SRCGP10	5
606112.2	4122700	1.53887	58.46	58.46	1.5	ANNUAL	SRCGP10	5
606132.2	4122700	1.51754	58.93	58.93	1.5	ANNUAL	SRCGP10	5
606412.2	4122700	1.18473	59	59	1.5	ANNUAL	SRCGP10	5
606432.2	4122700	1.16097	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606452.2	4122700	1.13729	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606472.2	4122700	1.11376	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606492.2	4122700	1.09049	58.86	58.86	1.5	ANNUAL	SRCGP10	5
606512.2	4122700	1.06714	59.04	59.04	1.5	ANNUAL	SRCGP10	5

606532.2	4122700	1.04393	59.29	59.29	1.5	ANNUAL	SRCGP10	5
606552.2	4122700	1.02141	59.11	59.11	1.5	ANNUAL	SRCGP10	5
606572.2	4122700	0.99924	58.83	58.83	1.5	ANNUAL	SRCGP10	5
606592.2	4122700	0.97685	59.12	59.12	1.5	ANNUAL	SRCGP10	5
606612.2	4122700	0.95498	59.25	59.25	1.5	ANNUAL	SRCGP10	5
606632.2	4122700	0.93365	59.26	59.26	1.5	ANNUAL	SRCGP10	5
606652.2	4122700	0.91275	59.33	59.33	1.5	ANNUAL	SRCGP10	5
606732.2	4122700	0.83539	58.72	58.72	1.5	ANNUAL	SRCGP10	5
606752.2	4122700	0.81745	58.72	58.72	1.5	ANNUAL	SRCGP10	5
606772.2	4122700	0.80016	58.69	58.69	1.5	ANNUAL	SRCGP10	5
606792.2	4122700	0.78341	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606812.2	4122700	0.76723	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606832.2	4122700	0.75161	59.08	59.08	1.5	ANNUAL	SRCGP10	5
606852.2	4122700	0.7366	59.14	59.14	1.5	ANNUAL	SRCGP10	5
606872.2	4122700	0.72224	58.97	58.97	1.5	ANNUAL	SRCGP10	5
605632.2	4122720	1.91406	55.87	55.87	1.5	ANNUAL	SRCGP10	5
605652.2	4122720	1.90367	55.98	55.98	1.5	ANNUAL	SRCGP10	5
605672.2	4122720	1.8906	56.08	56.08	1.5	ANNUAL	SRCGP10	5
605692.2	4122720	1.87553	56.34	56.34	1.5	ANNUAL	SRCGP10	5
605712.2	4122720	1.85736	56.25	56.25	1.5	ANNUAL	SRCGP10	5
605752.2	4122720	1.81608	56.1	56.1	1.5	ANNUAL	SRCGP10	5
605812.2	4122720	1.7493	56.43	56.43	1.5	ANNUAL	SRCGP10	5
605872.2	4122720	1.68391	56.64	56.64	1.5	ANNUAL	SRCGP10	5
605892.2	4122720	1.66386	56.83	56.83	1.5	ANNUAL	SRCGP10	5
605952.2	4122720	1.60979	56.89	56.89	1.5	ANNUAL	SRCGP10	5
605972.2	4122720	1.59287	57.38	57.38	1.5	ANNUAL	SRCGP10	5
605992.2	4122720	1.57678	57.37	57.37	1.5	ANNUAL	SRCGP10	5
606112.2	4122720	1.47335	58.4	58.4	1.5	ANNUAL	SRCGP10	5
606132.2	4122720	1.45309	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606152.2	4122720	1.43303	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606172.2	4122720	1.4124	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606192.2	4122720	1.39138	58.65	58.65	1.5	ANNUAL	SRCGP10	5
606212.2	4122720	1.36947	58.68	58.68	1.5	ANNUAL	SRCGP10	5
606232.2	4122720	1.34705	58.79	58.79	1.5	ANNUAL	SRCGP10	5
606252.2	4122720	1.32421	59	59	1.5	ANNUAL	SRCGP10	5
606272.2	4122720	1.30132	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606292.2	4122720	1.27856	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606312.2	4122720	1.25572	58.95	58.95	1.5	ANNUAL	SRCGP10	5
606352.2	4122720	1.21013	58.82	58.82	1.5	ANNUAL	SRCGP10	5
606372.2	4122720	1.18746	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606412.2	4122720	1.14204	59.02	59.02	1.5	ANNUAL	SRCGP10	5
606432.2	4122720	1.1198	58.95	58.95	1.5	ANNUAL	SRCGP10	5
606452.2	4122720	1.09766	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606472.2	4122720	1.07561	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606492.2	4122720	1.05397	58.71	58.71	1.5	ANNUAL	SRCGP10	5
606512.2	4122720	1.03205	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606532.2	4122720	1.0103	59.14	59.14	1.5	ANNUAL	SRCGP10	5
606552.2	4122720	0.9891	59	59	1.5	ANNUAL	SRCGP10	5
606572.2	4122720	0.96795	59.05	59.05	1.5	ANNUAL	SRCGP10	5
606592.2	4122720	0.94711	59.05	59.05	1.5	ANNUAL	SRCGP10	5
606612.2	4122720	0.92653	59.1	59.1	1.5	ANNUAL	SRCGP10	5
606632.2	4122720	0.90644	59	59	1.5	ANNUAL	SRCGP10	5
606652.2	4122720	0.88677	58.88	58.88	1.5	ANNUAL	SRCGP10	5
606732.2	4122720	0.81271	58.73	58.73	1.5	ANNUAL	SRCGP10	5
606752.2	4122720	0.79553	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606772.2	4122720	0.77895	58.73	58.73	1.5	ANNUAL	SRCGP10	5
606792.2	4122720	0.76284	58.9	58.9	1.5	ANNUAL	SRCGP10	5
606812.2	4122720	0.7473	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606832.2	4122720	0.7324	59.03	59.03	1.5	ANNUAL	SRCGP10	5
606852.2	4122720	0.71801	59.01	59.01	1.5	ANNUAL	SRCGP10	5
607032.2	4122720	0.60728	59.05	59.05	1.5	ANNUAL	SRCGP10	5
605632.2	4122740	1.82946	55.37	55.37	1.5	ANNUAL	SRCGP10	5
605652.2	4122740	1.81786	55.45	55.45	1.5	ANNUAL	SRCGP10	5

605672.2	4122740	1.80483	55.81	55.81	1.5	ANNUAL	SRCGP10	5
605692.2	4122740	1.78931	56.06	56.06	1.5	ANNUAL	SRCGP10	5
605712.2	4122740	1.77168	56.2	56.2	1.5	ANNUAL	SRCGP10	5
605752.2	4122740	1.73127	56.02	56.02	1.5	ANNUAL	SRCGP10	5
605812.2	4122740	1.66826	56.51	56.51	1.5	ANNUAL	SRCGP10	5
605872.2	4122740	1.60786	56.71	56.71	1.5	ANNUAL	SRCGP10	5
605892.2	4122740	1.5895	56.86	56.86	1.5	ANNUAL	SRCGP10	5
605952.2	4122740	1.53991	56.87	56.87	1.5	ANNUAL	SRCGP10	5
605972.2	4122740	1.52433	57.3	57.3	1.5	ANNUAL	SRCGP10	5
605992.2	4122740	1.50934	57.33	57.33	1.5	ANNUAL	SRCGP10	5
606112.2	4122740	1.41214	58.38	58.38	1.5	ANNUAL	SRCGP10	5
606132.2	4122740	1.3932	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606152.2	4122740	1.37418	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606172.2	4122740	1.35475	58.99	58.99	1.5	ANNUAL	SRCGP10	5
606192.2	4122740	1.33498	58.79	58.79	1.5	ANNUAL	SRCGP10	5
606212.2	4122740	1.31444	58.84	58.84	1.5	ANNUAL	SRCGP10	5
606232.2	4122740	1.29365	58.8	58.8	1.5	ANNUAL	SRCGP10	5
606252.2	4122740	1.27237	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606272.2	4122740	1.25113	58.9	58.9	1.5	ANNUAL	SRCGP10	5
606292.2	4122740	1.22967	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606312.2	4122740	1.20829	58.89	58.89	1.5	ANNUAL	SRCGP10	5
606352.2	4122740	1.1656	58.76	58.76	1.5	ANNUAL	SRCGP10	5
606392.2	4122740	1.1234	58.47	58.47	1.5	ANNUAL	SRCGP10	5
606412.2	4122740	1.10184	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606432.2	4122740	1.08103	58.83	58.83	1.5	ANNUAL	SRCGP10	5
606452.2	4122740	1.06015	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606472.2	4122740	1.03961	58.79	58.79	1.5	ANNUAL	SRCGP10	5
606492.2	4122740	1.01915	58.72	58.72	1.5	ANNUAL	SRCGP10	5
606512.2	4122740	0.99838	59.14	59.14	1.5	ANNUAL	SRCGP10	5
606532.2	4122740	0.97832	58.97	58.97	1.5	ANNUAL	SRCGP10	5
606552.2	4122740	0.95823	59	59	1.5	ANNUAL	SRCGP10	5
606572.2	4122740	0.93822	59.16	59.16	1.5	ANNUAL	SRCGP10	5
606592.2	4122740	0.91892	58.73	58.73	1.5	ANNUAL	SRCGP10	5
606612.2	4122740	0.89936	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606632.2	4122740	0.88024	58.98	58.98	1.5	ANNUAL	SRCGP10	5
606732.2	4122740	0.79094	58.86	58.86	1.5	ANNUAL	SRCGP10	5
606752.2	4122740	0.77451	58.85	58.85	1.5	ANNUAL	SRCGP10	5
606772.2	4122740	0.75863	58.81	58.81	1.5	ANNUAL	SRCGP10	5
606792.2	4122740	0.74317	58.97	58.97	1.5	ANNUAL	SRCGP10	5
606812.2	4122740	0.72832	58.97	58.97	1.5	ANNUAL	SRCGP10	5
606832.2	4122740	0.71402	58.88	58.88	1.5	ANNUAL	SRCGP10	5
606952.2	4122740	0.63745	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606972.2	4122740	0.62591	59.33	59.33	1.5	ANNUAL	SRCGP10	5
606992.2	4122740	0.61498	58.99	58.99	1.5	ANNUAL	SRCGP10	5
607012.2	4122740	0.60423	58.9	58.9	1.5	ANNUAL	SRCGP10	5
607032.2	4122740	0.59368	59.01	59.01	1.5	ANNUAL	SRCGP10	5
607052.2	4122740	0.58345	58.96	58.96	1.5	ANNUAL	SRCGP10	5
605632.2	4122760	1.7508	55.34	55.34	1.5	ANNUAL	SRCGP10	5
605652.2	4122760	1.73767	55.21	55.21	1.5	ANNUAL	SRCGP10	5
605672.2	4122760	1.72419	55.59	55.59	1.5	ANNUAL	SRCGP10	5
605692.2	4122760	1.70861	55.89	55.89	1.5	ANNUAL	SRCGP10	5
605712.2	4122760	1.69177	56.3	56.3	1.5	ANNUAL	SRCGP10	5
605752.2	4122760	1.65218	55.94	55.94	1.5	ANNUAL	SRCGP10	5
605772.2	4122760	1.63266	56.19	56.19	1.5	ANNUAL	SRCGP10	5
605812.2	4122760	1.59299	56.43	56.43	1.5	ANNUAL	SRCGP10	5
605832.2	4122760	1.57363	56.44	56.44	1.5	ANNUAL	SRCGP10	5
605872.2	4122760	1.53727	56.66	56.66	1.5	ANNUAL	SRCGP10	5
605892.2	4122760	1.52043	56.85	56.85	1.5	ANNUAL	SRCGP10	5
605912.2	4122760	1.50452	56.7	56.7	1.5	ANNUAL	SRCGP10	5
605952.2	4122760	1.47483	56.83	56.83	1.5	ANNUAL	SRCGP10	5
605972.2	4122760	1.46038	57.28	57.28	1.5	ANNUAL	SRCGP10	5
605992.2	4122760	1.44636	57.37	57.37	1.5	ANNUAL	SRCGP10	5
606112.2	4122760	1.35484	58.4	58.4	1.5	ANNUAL	SRCGP10	5

606132.2	4122760	1.33697	58.99	58.99	1.5	ANNUAL	SRCGP10	5
606152.2	4122760	1.31925	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606172.2	4122760	1.30093	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606192.2	4122760	1.28216	58.93	58.93	1.5	ANNUAL	SRCGP10	5
606212.2	4122760	1.26293	58.95	58.95	1.5	ANNUAL	SRCGP10	5
606232.2	4122760	1.24337	58.97	58.97	1.5	ANNUAL	SRCGP10	5
606252.2	4122760	1.22354	59.02	59.02	1.5	ANNUAL	SRCGP10	5
606272.2	4122760	1.20369	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606292.2	4122760	1.18354	59.02	59.02	1.5	ANNUAL	SRCGP10	5
606312.2	4122760	1.16369	58.8	58.8	1.5	ANNUAL	SRCGP10	5
606352.2	4122760	1.12365	58.68	58.68	1.5	ANNUAL	SRCGP10	5
606392.2	4122760	1.0839	58.55	58.55	1.5	ANNUAL	SRCGP10	5
606412.2	4122760	1.0638	58.89	58.89	1.5	ANNUAL	SRCGP10	5
606432.2	4122760	1.04426	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606452.2	4122760	1.02477	58.74	58.74	1.5	ANNUAL	SRCGP10	5
606472.2	4122760	1.0053	58.81	58.81	1.5	ANNUAL	SRCGP10	5
606492.2	4122760	0.98604	58.79	58.79	1.5	ANNUAL	SRCGP10	5
606512.2	4122760	0.96658	59.13	59.13	1.5	ANNUAL	SRCGP10	5
606532.2	4122760	0.94768	59	59	1.5	ANNUAL	SRCGP10	5
606552.2	4122760	0.92872	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606572.2	4122760	0.91015	58.9	58.9	1.5	ANNUAL	SRCGP10	5
606592.2	4122760	0.8918	58.64	58.64	1.5	ANNUAL	SRCGP10	5
606612.2	4122760	0.87334	58.84	58.84	1.5	ANNUAL	SRCGP10	5
606732.2	4122760	0.77017	58.85	58.85	1.5	ANNUAL	SRCGP10	5
606752.2	4122760	0.75446	58.81	58.81	1.5	ANNUAL	SRCGP10	5
606772.2	4122760	0.73921	58.81	58.81	1.5	ANNUAL	SRCGP10	5
606792.2	4122760	0.72439	58.91	58.91	1.5	ANNUAL	SRCGP10	5
606812.2	4122760	0.71014	58.85	58.85	1.5	ANNUAL	SRCGP10	5
606952.2	4122760	0.62259	59.04	59.04	1.5	ANNUAL	SRCGP10	5
606972.2	4122760	0.61158	59.14	59.14	1.5	ANNUAL	SRCGP10	5
606992.2	4122760	0.60096	59.04	59.04	1.5	ANNUAL	SRCGP10	5
607012.2	4122760	0.59058	59.07	59.07	1.5	ANNUAL	SRCGP10	5
607032.2	4122760	0.58046	59.14	59.14	1.5	ANNUAL	SRCGP10	5
607052.2	4122760	0.57051	59.43	59.43	1.5	ANNUAL	SRCGP10	5
605632.2	4122780	1.67782	55.85	55.85	1.5	ANNUAL	SRCGP10	5
605652.2	4122780	1.66345	55.45	55.45	1.5	ANNUAL	SRCGP10	5
605672.2	4122780	1.64872	55.53	55.53	1.5	ANNUAL	SRCGP10	5
605692.2	4122780	1.63347	55.97	55.97	1.5	ANNUAL	SRCGP10	5
605712.2	4122780	1.61679	56.36	56.36	1.5	ANNUAL	SRCGP10	5
605752.2	4122780	1.57832	55.83	55.83	1.5	ANNUAL	SRCGP10	5
605772.2	4122780	1.56019	56.24	56.24	1.5	ANNUAL	SRCGP10	5
605792.2	4122780	1.54141	56.32	56.32	1.5	ANNUAL	SRCGP10	5
605812.2	4122780	1.52287	56.32	56.32	1.5	ANNUAL	SRCGP10	5
605872.2	4122780	1.47161	56.54	56.54	1.5	ANNUAL	SRCGP10	5
605892.2	4122780	1.45613	56.87	56.87	1.5	ANNUAL	SRCGP10	5
605912.2	4122780	1.44151	56.82	56.82	1.5	ANNUAL	SRCGP10	5
605952.2	4122780	1.41409	56.84	56.84	1.5	ANNUAL	SRCGP10	5
605992.2	4122780	1.38749	57.42	57.42	1.5	ANNUAL	SRCGP10	5
606112.2	4122780	1.30105	58.54	58.54	1.5	ANNUAL	SRCGP10	5
606132.2	4122780	1.28444	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606152.2	4122780	1.26779	58.85	58.85	1.5	ANNUAL	SRCGP10	5
606172.2	4122780	1.25057	58.83	58.83	1.5	ANNUAL	SRCGP10	5
606192.2	4122780	1.23274	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606212.2	4122780	1.21474	58.93	58.93	1.5	ANNUAL	SRCGP10	5
606232.2	4122780	1.19637	58.96	58.96	1.5	ANNUAL	SRCGP10	5
606252.2	4122780	1.17775	59.01	59.01	1.5	ANNUAL	SRCGP10	5
606272.2	4122780	1.15913	58.92	58.92	1.5	ANNUAL	SRCGP10	5
606292.2	4122780	1.14041	58.83	58.83	1.5	ANNUAL	SRCGP10	5
606312.2	4122780	1.12157	58.8	58.8	1.5	ANNUAL	SRCGP10	5
606352.2	4122780	1.08391	58.75	58.75	1.5	ANNUAL	SRCGP10	5
606372.2	4122780	1.06527	58.61	58.61	1.5	ANNUAL	SRCGP10	5
606392.2	4122780	1.04655	58.65	58.65	1.5	ANNUAL	SRCGP10	5
606412.2	4122780	1.02794	58.67	58.67	1.5	ANNUAL	SRCGP10	5

606432.2	4122780	1.00945	58.69	58.69	1.5	ANNUAL	SRCGP10	5
606452.2	4122780	0.99106	58.72	58.72	1.5	ANNUAL	SRCGP10	5
606472.2	4122780	0.97275	58.8	58.8	1.5	ANNUAL	SRCGP10	5
606492.2	4122780	0.95463	58.78	58.78	1.5	ANNUAL	SRCGP10	5
606512.2	4122780	0.93643	58.99	58.99	1.5	ANNUAL	SRCGP10	5
606532.2	4122780	0.91862	58.87	58.87	1.5	ANNUAL	SRCGP10	5
606552.2	4122780	0.90085	58.84	58.84	1.5	ANNUAL	SRCGP10	5
606572.2	4122780	0.88315	58.9	58.9	1.5	ANNUAL	SRCGP10	5
606592.2	4122780	0.86568	58.86	58.86	1.5	ANNUAL	SRCGP10	5
606852.2	4122780	0.66625	59.42	59.42	1.5	ANNUAL	SRCGP10	5
606872.2	4122780	0.65367	59.78	59.78	1.5	ANNUAL	SRCGP10	5
606892.2	4122780	0.64163	59.88	59.88	1.5	ANNUAL	SRCGP10	5
606912.2	4122780	0.63025	59.41	59.41	1.5	ANNUAL	SRCGP10	5
606932.2	4122780	0.61912	59.16	59.16	1.5	ANNUAL	SRCGP10	5
606952.2	4122780	0.60824	59.13	59.13	1.5	ANNUAL	SRCGP10	5
606972.2	4122780	0.59763	59.24	59.24	1.5	ANNUAL	SRCGP10	5
606992.2	4122780	0.58733	59.35	59.35	1.5	ANNUAL	SRCGP10	5
607012.2	4122780	0.57731	59.45	59.45	1.5	ANNUAL	SRCGP10	5
607032.2	4122780	0.56757	59.54	59.54	1.5	ANNUAL	SRCGP10	5
607052.2	4122780	0.55808	59.6	59.6	1.5	ANNUAL	SRCGP10	5
605632.2	4122800	1.60753	55.94	55.94	1.5	ANNUAL	SRCGP10	5
605652.2	4122800	1.59337	55.72	55.72	1.5	ANNUAL	SRCGP10	5
605672.2	4122800	1.57761	55.44	55.44	1.5	ANNUAL	SRCGP10	5
605692.2	4122800	1.56265	55.95	55.95	1.5	ANNUAL	SRCGP10	5
605712.2	4122800	1.54617	56.24	56.24	1.5	ANNUAL	SRCGP10	5
605732.2	4122800	1.52831	56.16	56.16	1.5	ANNUAL	SRCGP10	5
605772.2	4122800	1.49231	56.15	56.15	1.5	ANNUAL	SRCGP10	5
605872.2	4122800	1.41042	56.54	56.54	1.5	ANNUAL	SRCGP10	5
605892.2	4122800	1.3962	56.82	56.82	1.5	ANNUAL	SRCGP10	5
605912.2	4122800	1.38269	56.89	56.89	1.5	ANNUAL	SRCGP10	5
605952.2	4122800	1.35729	56.89	56.89	1.5	ANNUAL	SRCGP10	5
605992.2	4122800	1.33245	57.38	57.38	1.5	ANNUAL	SRCGP10	5
606032.2	4122800	1.30729	57.49	57.49	1.5	ANNUAL	SRCGP10	5
606112.2	4122800	1.25075	58.52	58.52	1.5	ANNUAL	SRCGP10	5
606352.2	4122800	1.04659	58.58	58.58	1.5	ANNUAL	SRCGP10	5
606372.2	4122800	1.02909	58.38	58.38	1.5	ANNUAL	SRCGP10	5
606392.2	4122800	1.01134	58.59	58.59	1.5	ANNUAL	SRCGP10	5
606412.2	4122800	0.99378	58.67	58.67	1.5	ANNUAL	SRCGP10	5
606432.2	4122800	0.97638	58.67	58.67	1.5	ANNUAL	SRCGP10	5
606452.2	4122800	0.95909	58.68	58.68	1.5	ANNUAL	SRCGP10	5
606472.2	4122800	0.94183	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606492.2	4122800	0.92481	58.69	58.69	1.5	ANNUAL	SRCGP10	5
606512.2	4122800	0.90764	58.94	58.94	1.5	ANNUAL	SRCGP10	5
606532.2	4122800	0.89088	58.78	58.78	1.5	ANNUAL	SRCGP10	5
606552.2	4122800	0.8741	58.77	58.77	1.5	ANNUAL	SRCGP10	5
606572.2	4122800	0.85743	58.78	58.78	1.5	ANNUAL	SRCGP10	5
606672.2	4122800	0.77606	59.6	59.6	1.5	ANNUAL	SRCGP10	5
606692.2	4122800	0.76055	59.7	59.7	1.5	ANNUAL	SRCGP10	5
606712.2	4122800	0.74546	59.64	59.64	1.5	ANNUAL	SRCGP10	5
606732.2	4122800	0.73072	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606752.2	4122800	0.71644	59.35	59.35	1.5	ANNUAL	SRCGP10	5
606852.2	4122800	0.65021	59.84	59.84	1.5	ANNUAL	SRCGP10	5
606872.2	4122800	0.63823	59.89	59.89	1.5	ANNUAL	SRCGP10	5
606892.2	4122800	0.62671	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606912.2	4122800	0.61572	59.35	59.35	1.5	ANNUAL	SRCGP10	5
606932.2	4122800	0.60492	59.26	59.26	1.5	ANNUAL	SRCGP10	5
606952.2	4122800	0.59437	59.35	59.35	1.5	ANNUAL	SRCGP10	5
606972.2	4122800	0.58419	59.35	59.35	1.5	ANNUAL	SRCGP10	5
606992.2	4122800	0.57424	59.48	59.48	1.5	ANNUAL	SRCGP10	5
607012.2	4122800	0.56458	59.6	59.6	1.5	ANNUAL	SRCGP10	5
607032.2	4122800	0.55518	59.72	59.72	1.5	ANNUAL	SRCGP10	5
607052.2	4122800	0.54603	59.83	59.83	1.5	ANNUAL	SRCGP10	5
605632.2	4122820	1.54098	56.01	56.01	1.5	ANNUAL	SRCGP10	5

605652.2	4122820	1.52701	55.93	55.93	1.5	ANNUAL	SRCGP10	5
605672.2	4122820	1.51096	55.46	55.46	1.5	ANNUAL	SRCGP10	5
605692.2	4122820	1.49602	55.87	55.87	1.5	ANNUAL	SRCGP10	5
605712.2	4122820	1.47998	56.12	56.12	1.5	ANNUAL	SRCGP10	5
605732.2	4122820	1.46334	56.28	56.28	1.5	ANNUAL	SRCGP10	5
605832.2	4122820	1.38135	56.19	56.19	1.5	ANNUAL	SRCGP10	5
605852.2	4122820	1.36711	56.45	56.45	1.5	ANNUAL	SRCGP10	5
605872.2	4122820	1.35329	56.68	56.68	1.5	ANNUAL	SRCGP10	5
605892.2	4122820	1.34019	56.85	56.85	1.5	ANNUAL	SRCGP10	5
605912.2	4122820	1.32774	56.78	56.78	1.5	ANNUAL	SRCGP10	5
605952.2	4122820	1.30414	56.78	56.78	1.5	ANNUAL	SRCGP10	5
606672.2	4122820	0.75533	60.05	60.05	1.5	ANNUAL	SRCGP10	5
606692.2	4122820	0.74063	60.05	60.05	1.5	ANNUAL	SRCGP10	5
606712.2	4122820	0.72621	60.05	60.05	1.5	ANNUAL	SRCGP10	5
606732.2	4122820	0.71209	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606752.2	4122820	0.69847	59.76	59.76	1.5	ANNUAL	SRCGP10	5
606852.2	4122820	0.63503	59.81	59.81	1.5	ANNUAL	SRCGP10	5
606872.2	4122820	0.62356	59.66	59.66	1.5	ANNUAL	SRCGP10	5
606892.2	4122820	0.61245	59.52	59.52	1.5	ANNUAL	SRCGP10	5
606912.2	4122820	0.60176	59.24	59.24	1.5	ANNUAL	SRCGP10	5
606932.2	4122820	0.59131	59.17	59.17	1.5	ANNUAL	SRCGP10	5
606952.2	4122820	0.58101	59.58	59.58	1.5	ANNUAL	SRCGP10	5
606972.2	4122820	0.5712	59.5	59.5	1.5	ANNUAL	SRCGP10	5
606992.2	4122820	0.56161	59.61	59.61	1.5	ANNUAL	SRCGP10	5
607012.2	4122820	0.55229	59.73	59.73	1.5	ANNUAL	SRCGP10	5
607032.2	4122820	0.54323	59.84	59.84	1.5	ANNUAL	SRCGP10	5
607052.2	4122820	0.53441	59.95	59.95	1.5	ANNUAL	SRCGP10	5
605632.2	4122840	1.47797	56.04	56.04	1.5	ANNUAL	SRCGP10	5
605652.2	4122840	1.46412	56.02	56.02	1.5	ANNUAL	SRCGP10	5
605672.2	4122840	1.44851	55.61	55.61	1.5	ANNUAL	SRCGP10	5
605692.2	4122840	1.43289	55.54	55.54	1.5	ANNUAL	SRCGP10	5
605712.2	4122840	1.41797	56.03	56.03	1.5	ANNUAL	SRCGP10	5
605792.2	4122840	1.35436	55.98	55.98	1.5	ANNUAL	SRCGP10	5
605812.2	4122840	1.34017	56.36	56.36	1.5	ANNUAL	SRCGP10	5
605832.2	4122840	1.32605	56.44	56.44	1.5	ANNUAL	SRCGP10	5
605852.2	4122840	1.31261	56.61	56.61	1.5	ANNUAL	SRCGP10	5
605872.2	4122840	1.29988	56.67	56.67	1.5	ANNUAL	SRCGP10	5
605892.2	4122840	1.28781	56.62	56.62	1.5	ANNUAL	SRCGP10	5
605912.2	4122840	1.27627	56.64	56.64	1.5	ANNUAL	SRCGP10	5
606092.2	4122840	1.17268	57.96	57.96	1.5	ANNUAL	SRCGP10	5
606112.2	4122840	1.15971	57.62	57.62	1.5	ANNUAL	SRCGP10	5
606192.2	4122840	1.10245	57.89	57.89	1.5	ANNUAL	SRCGP10	5
606212.2	4122840	1.08716	58.17	58.17	1.5	ANNUAL	SRCGP10	5
606252.2	4122840	1.05622	58.37	58.37	1.5	ANNUAL	SRCGP10	5
606272.2	4122840	1.04056	58.44	58.44	1.5	ANNUAL	SRCGP10	5
606292.2	4122840	1.02489	58.42	58.42	1.5	ANNUAL	SRCGP10	5
606312.2	4122840	1.00915	58.42	58.42	1.5	ANNUAL	SRCGP10	5
606332.2	4122840	0.9935	58.29	58.29	1.5	ANNUAL	SRCGP10	5
606352.2	4122840	0.97773	58.35	58.35	1.5	ANNUAL	SRCGP10	5
606372.2	4122840	0.96213	58.21	58.21	1.5	ANNUAL	SRCGP10	5
606392.2	4122840	0.94646	58.27	58.27	1.5	ANNUAL	SRCGP10	5
606412.2	4122840	0.93083	58.38	58.38	1.5	ANNUAL	SRCGP10	5
606432.2	4122840	0.91528	58.49	58.49	1.5	ANNUAL	SRCGP10	5
606452.2	4122840	0.8999	58.48	58.48	1.5	ANNUAL	SRCGP10	5
606672.2	4122840	0.73573	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606692.2	4122840	0.72173	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606712.2	4122840	0.70797	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606732.2	4122840	0.69448	60.04	60.04	1.5	ANNUAL	SRCGP10	5
606752.2	4122840	0.68151	59.62	59.62	1.5	ANNUAL	SRCGP10	5
606852.2	4122840	0.62044	59.73	59.73	1.5	ANNUAL	SRCGP10	5
606872.2	4122840	0.60946	59.38	59.38	1.5	ANNUAL	SRCGP10	5
606892.2	4122840	0.59872	59.24	59.24	1.5	ANNUAL	SRCGP10	5
606912.2	4122840	0.58833	59.1	59.1	1.5	ANNUAL	SRCGP10	5

606932.2	4122840	0.57821	59.07	59.07	1.5	ANNUAL	SRCGP10	5
606952.2	4122840	0.56815	59.74	59.74	1.5	ANNUAL	SRCGP10	5
606972.2	4122840	0.55867	59.69	59.69	1.5	ANNUAL	SRCGP10	5
606992.2	4122840	0.54942	59.74	59.74	1.5	ANNUAL	SRCGP10	5
607012.2	4122840	0.54042	59.86	59.86	1.5	ANNUAL	SRCGP10	5
607032.2	4122840	0.53167	59.97	59.97	1.5	ANNUAL	SRCGP10	5
607052.2	4122840	0.52318	60	60	1.5	ANNUAL	SRCGP10	5
606158.5	4121900	144.825	57.39	313.5	1.5	ANNUAL	SRCGP10	5
606169	4121883	128.0359	57.41	313.5	1.5	ANNUAL	SRCGP10	5
606132.1	4121801	21.45807	57.52	313.5	1.5	ANNUAL	SRCGP10	5
606385	4122113	6.24969	61.43	61.43	1.5	ANNUAL	SRCGP10	5
606405	4122113	5.78366	61.72	61.72	1.5	ANNUAL	SRCGP10	5
606425	4122113	5.41319	61.52	61.52	1.5	ANNUAL	SRCGP10	5
606445	4122113	5.43846	60.48	60.48	1.5	ANNUAL	SRCGP10	5
606465	4122113	5.09621	59.09	59.09	1.5	ANNUAL	SRCGP10	5
606385	4122133	5.66065	61.8	61.8	1.5	ANNUAL	SRCGP10	5
606405	4122133	5.73788	61.32	61.32	1.5	ANNUAL	SRCGP10	5
606425	4122133	5.36648	60.86	60.86	1.5	ANNUAL	SRCGP10	5
606445	4122133	5.02911	60.28	60.28	1.5	ANNUAL	SRCGP10	5
606465	4122133	4.72751	59.15	59.15	1.5	ANNUAL	SRCGP10	5
606385	4122153	5.65639	60.69	61.52	1.5	ANNUAL	SRCGP10	5
606405	4122153	5.29275	60.54	60.54	1.5	ANNUAL	SRCGP10	5
606425	4122153	4.96453	60.21	60.21	1.5	ANNUAL	SRCGP10	5
606445	4122153	4.66525	59.8	59.8	1.5	ANNUAL	SRCGP10	5
606465	4122153	4.392	59.25	59.25	1.5	ANNUAL	SRCGP10	5
606385	4122173	5.2466	57.94	61.91	1.5	ANNUAL	SRCGP10	5
606405	4122173	4.91386	58.59	60.32	1.5	ANNUAL	SRCGP10	5
606425	4122173	4.61699	58.64	58.64	1.5	ANNUAL	SRCGP10	5
606445	4122173	4.35281	57.99	59.8	1.5	ANNUAL	SRCGP10	5
606465	4122173	4.10238	58.06	59.47	1.5	ANNUAL	SRCGP10	5
606385	4122193	4.83951	57.29	57.29	1.5	ANNUAL	SRCGP10	5
606405	4122193	4.55666	57.3	57.3	1.5	ANNUAL	SRCGP10	5
606425	4122193	4.29497	57.36	57.36	1.5	ANNUAL	SRCGP10	5
606445	4122193	4.05697	57.02	57.02	1.5	ANNUAL	SRCGP10	5
606465	4122193	3.83193	57.48	58.37	1.5	ANNUAL	SRCGP10	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (23132): C:\Lakes\AERMOD View\Kaiser - Additional Staging Area\Kaiser - Addit 12/18/23
* AERMET (19191): 18:46:25
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: PAREA6
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.01312	56.12	313.5	1.5	ANNUAL	PAREA6	5	
605652.2	4121420	0.01317	56.27	313.5	1.5	ANNUAL	PAREA6	5	
605672.2	4121420	0.01322	55.57	313.5	1.5	ANNUAL	PAREA6	5	
605692.2	4121420	0.01327	55.91	313.5	1.5	ANNUAL	PAREA6	5	
605712.2	4121420	0.01332	56.29	313.5	1.5	ANNUAL	PAREA6	5	
605732.2	4121420	0.01337	56.54	313.5	1.5	ANNUAL	PAREA6	5	
605752.2	4121420	0.01341	56.56	313.5	1.5	ANNUAL	PAREA6	5	
605772.2	4121420	0.01346	56.68	313.5	1.5	ANNUAL	PAREA6	5	
605792.2	4121420	0.0135	56.74	313.5	1.5	ANNUAL	PAREA6	5	
605812.2	4121420	0.01355	56.85	313.5	1.5	ANNUAL	PAREA6	5	
605832.2	4121420	0.0136	56.94	313.5	1.5	ANNUAL	PAREA6	5	
605852.2	4121420	0.01365	56.97	313.5	1.5	ANNUAL	PAREA6	5	
605872.2	4121420	0.01372	56.99	313.5	1.5	ANNUAL	PAREA6	5	
605892.2	4121420	0.0138	57.31	313.5	1.5	ANNUAL	PAREA6	5	
605912.2	4121420	0.01388	57.25	313.5	1.5	ANNUAL	PAREA6	5	
605932.2	4121420	0.01399	57.32	313.5	1.5	ANNUAL	PAREA6	5	
605952.2	4121420	0.01412	57.39	313.5	1.5	ANNUAL	PAREA6	5	
605972.2	4121420	0.01427	57.4	313.5	1.5	ANNUAL	PAREA6	5	
605992.2	4121420	0.01445	57.54	313.5	1.5	ANNUAL	PAREA6	5	
606012.2	4121420	0.01467	57.65	313.5	1.5	ANNUAL	PAREA6	5	
606032.2	4121420	0.01492	57.64	313.5	1.5	ANNUAL	PAREA6	5	
606052.2	4121420	0.01522	57.67	313.5	1.5	ANNUAL	PAREA6	5	
606072.2	4121420	0.01556	57.7	313.5	1.5	ANNUAL	PAREA6	5	
606092.2	4121420	0.01595	57.58	313.5	1.5	ANNUAL	PAREA6	5	
606112.2	4121420	0.01639	57.29	313.5	1.5	ANNUAL	PAREA6	5	
606132.2	4121420	0.01689	57.65	313.5	1.5	ANNUAL	PAREA6	5	
606152.2	4121420	0.01743	57.77	313.5	1.5	ANNUAL	PAREA6	5	
606172.2	4121420	0.01803	57.87	313.5	1.5	ANNUAL	PAREA6	5	
606192.2	4121420	0.01868	57.9	313.5	1.5	ANNUAL	PAREA6	5	
606212.2	4121420	0.01938	57.87	313.5	1.5	ANNUAL	PAREA6	5	
606232.2	4121420	0.02011	57.92	313.5	1.5	ANNUAL	PAREA6	5	
606252.2	4121420	0.02087	57.96	313.5	1.5	ANNUAL	PAREA6	5	
606272.2	4121420	0.02165	58.02	313.5	1.5	ANNUAL	PAREA6	5	
606292.2	4121420	0.02245	58.1	313.5	1.5	ANNUAL	PAREA6	5	
606312.2	4121420	0.02326	58.18	313.5	1.5	ANNUAL	PAREA6	5	
606332.2	4121420	0.02407	58.12	313.5	1.5	ANNUAL	PAREA6	5	
606352.2	4121420	0.02488	58.13	313.5	1.5	ANNUAL	PAREA6	5	
606372.2	4121420	0.02569	58.21	313.5	1.5	ANNUAL	PAREA6	5	
606392.2	4121420	0.02651	58.18	313.5	1.5	ANNUAL	PAREA6	5	

606412.2	4121420	0.02733	58.25	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121420	0.02817	58.51	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121420	0.02912	58.21	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121420	0.03009	57.94	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121420	0.03115	58.01	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121420	0.03226	58.38	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121420	0.0335	58.56	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121420	0.03491	58.28	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121420	0.03643	58.14	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121420	0.03797	58.6	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121420	0.03967	58.68	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121420	0.04153	58.71	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121420	0.04348	58.72	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121420	0.04552	58.81	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121420	0.04768	58.86	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121420	0.04996	58.92	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121420	0.05236	58.96	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121420	0.05486	59.07	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121420	0.05749	59.16	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121420	0.06024	59.26	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121420	0.0631	59.44	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121420	0.06615	59.46	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121420	0.06928	59.58	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121420	0.07257	59.53	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121420	0.07591	59.61	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121420	0.0793	59.72	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121420	0.08283	59.66	313.5	1.5	ANNUAL	PAREA6	5
606952.2	4121420	0.0866	59.18	313.5	1.5	ANNUAL	PAREA6	5
606972.2	4121420	0.08991	59.62	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121420	0.09331	59.87	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121420	0.0968	59.87	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121420	0.10053	59.37	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121420	0.10385	59.49	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121440	0.01356	56.05	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121440	0.01362	56.13	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121440	0.01367	55.38	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121440	0.01373	56.09	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121440	0.01379	56.42	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121440	0.01385	56.49	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121440	0.0139	56.49	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121440	0.01395	56.63	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121440	0.014	56.78	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121440	0.01405	56.87	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121440	0.0141	56.94	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121440	0.01416	56.97	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121440	0.01422	57.02	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121440	0.01429	57.15	313.5	1.5	ANNUAL	PAREA6	5

605912.2	4121440	0.01438	57.22	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121440	0.01448	57.31	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121440	0.0146	57.34	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121440	0.01475	57.37	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121440	0.01492	57.49	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121440	0.01513	57.6	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121440	0.01537	57.63	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121440	0.01566	57.68	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121440	0.01599	57.76	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121440	0.01637	57.5	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121440	0.01681	57.25	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121440	0.01731	57.57	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121440	0.01786	57.76	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121440	0.01847	57.79	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121440	0.01913	57.82	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121440	0.01985	57.9	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121440	0.02061	57.84	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121440	0.0214	57.95	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121440	0.02223	58.09	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121440	0.02308	58.08	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121440	0.02394	58.11	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121440	0.0248	58.26	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4121440	0.02566	58.36	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121440	0.02653	58.47	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121440	0.0274	58.51	313.5	1.5	ANNUAL	PAREA6	5
606412.2	4121440	0.0283	58.5	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121440	0.02923	58.44	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121440	0.03025	57.94	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121440	0.03129	58.07	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121440	0.03241	58.23	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121440	0.03365	58	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121440	0.035	57.91	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121440	0.03648	57.95	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121440	0.03807	58.26	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121440	0.03979	58.41	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121440	0.04162	58.52	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121440	0.04362	58.64	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121440	0.0457	58.76	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121440	0.04793	58.83	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121440	0.05025	58.94	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121440	0.05274	58.98	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121440	0.05536	59	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121440	0.0581	59.07	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121440	0.061	59.09	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121440	0.06404	59.11	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121440	0.06722	59.15	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121440	0.07053	59.23	313.5	1.5	ANNUAL	PAREA6	5

606852.2	4121440	0.07398	59.28	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121440	0.07753	59.35	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121440	0.08118	59.39	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121440	0.0849	59.46	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121440	0.08864	59.56	313.5	1.5	ANNUAL	PAREA6	5
606952.2	4121440	0.09271	59.12	313.5	1.5	ANNUAL	PAREA6	5
606972.2	4121440	0.0962	59.72	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121440	0.09994	59.82	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121440	0.10369	59.83	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121440	0.10753	59.6	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121440	0.11138	59.27	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121460	0.01403	56.11	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121460	0.01409	55.9	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121460	0.01415	55.4	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121460	0.01423	56.15	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121460	0.01429	56.46	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121460	0.01435	56.39	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121460	0.0144	55.88	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121460	0.01446	55.96	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121460	0.01452	56.13	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121460	0.01457	56.2	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121460	0.01463	56.31	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121460	0.01469	56.41	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121460	0.01475	56.5	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121460	0.01483	56.58	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121460	0.01491	56.68	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121460	0.01501	56.82	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121460	0.01513	56.86	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121460	0.01526	57.01	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121460	0.01543	57.03	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121460	0.01563	57.17	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121460	0.01586	57.29	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121460	0.01614	57.35	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121460	0.01646	57.25	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121460	0.01683	57.14	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121460	0.01727	57.2	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121460	0.01776	57.18	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121460	0.01831	57.21	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121460	0.01893	57.28	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121460	0.01961	57.35	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121460	0.02034	57.35	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121460	0.02113	57.38	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121460	0.02197	57.46	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121460	0.02284	57.55	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121460	0.02374	57.62	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121460	0.02466	57.7	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121460	0.02559	57.89	313.5	1.5	ANNUAL	PAREA6	5

606352.2	4121460	0.02652	58	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121460	0.02747	58.15	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121460	0.02842	58.16	313.5	1.5	ANNUAL	PAREA6	5
606412.2	4121460	0.02938	58.19	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121460	0.03039	58.11	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121460	0.03145	57.85	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121460	0.03254	58.35	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121460	0.03373	58.47	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121460	0.03507	58.37	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121460	0.03655	58.19	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121460	0.03815	57.99	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121460	0.03988	57.88	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121460	0.04178	57.93	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121460	0.04379	58.06	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121460	0.04598	58.23	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121460	0.04823	58.38	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121460	0.05064	58.53	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121460	0.05319	58.63	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121460	0.05591	58.67	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121460	0.05878	58.68	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121460	0.06181	58.68	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121460	0.065	58.68	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121460	0.06834	58.7	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121460	0.10728	59.77	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121460	0.11136	59.72	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121460	0.11539	59.63	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121460	0.11965	59.14	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121480	0.01451	56.28	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121480	0.01459	55.6	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121480	0.01466	55.65	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121480	0.01474	56.22	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121480	0.01482	56.48	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121480	0.01488	56.14	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121480	0.01494	55.72	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121480	0.01501	56.08	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121480	0.01507	56.15	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121480	0.01514	56.2	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121480	0.0152	56.2	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121480	0.01526	56.24	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121480	0.01533	56.32	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121480	0.0154	56.38	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121480	0.01549	56.43	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121480	0.01558	56.51	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121480	0.01569	56.52	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121480	0.01583	56.66	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121480	0.01598	56.66	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121480	0.01617	56.69	313.5	1.5	ANNUAL	PAREA6	5

606032.2	4121480	0.0164	56.84	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121480	0.01666	57.06	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121480	0.01698	57.31	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121480	0.01734	57.3	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121480	0.01777	57.23	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121480	0.01826	57.37	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121480	0.01881	57.37	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121480	0.01943	57.39	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121480	0.02012	57.42	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121480	0.02087	57.35	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121480	0.02169	57.39	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121480	0.02256	57.44	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121480	0.02348	57.52	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121480	0.02443	57.55	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121480	0.02541	57.64	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121480	0.0264	57.76	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4121480	0.02741	57.87	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121480	0.02843	58.06	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121480	0.02946	58.09	313.5	1.5	ANNUAL	PAREA6	5
606412.2	4121480	0.03051	57.89	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121480	0.03159	57.73	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121480	0.03273	57.9	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121480	0.03394	58.14	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121480	0.0352	58.4	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121480	0.03661	58.5	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121480	0.03816	58.49	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121480	0.03991	58.37	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121480	0.04178	58.34	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121480	0.04383	58.37	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121480	0.04602	58.32	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121480	0.04842	58.27	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121480	0.05094	58.25	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121480	0.0536	58.27	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121480	0.05643	58.31	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121480	0.0594	58.36	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121480	0.06253	58.46	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121480	0.06579	58.59	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121480	0.06926	58.68	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121480	0.0729	58.76	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121480	0.11535	59.83	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121480	0.12003	59.41	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121480	0.12447	59.21	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121480	0.12871	59.13	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121500	0.01502	56.09	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121500	0.0151	55.49	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121500	0.0152	56.02	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121500	0.01529	56.36	313.5	1.5	ANNUAL	PAREA6	5

605712.2	4121500	0.01537	56.42	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121500	0.01544	55.68	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121500	0.01552	56.2	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121500	0.0156	56.64	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121500	0.01567	56.7	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121500	0.01574	56.83	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121500	0.01581	56.85	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121500	0.01588	56.86	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121500	0.01595	56.96	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121500	0.01603	57.08	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121500	0.01611	57.09	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121500	0.01621	57.18	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121500	0.01632	57.13	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121500	0.01645	57.23	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121500	0.0166	57.21	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121500	0.01677	56.92	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121500	0.01699	56.99	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121500	0.01725	57.64	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121500	0.01755	57.83	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121500	0.01791	57.47	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121500	0.01832	57.27	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121500	0.01881	57.55	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121500	0.01936	57.84	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121500	0.01998	57.68	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121500	0.02068	57.78	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121500	0.02145	57.77	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121500	0.02229	57.79	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121500	0.0232	57.91	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121500	0.02416	58.01	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121500	0.02516	58.03	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121500	0.02621	58.18	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121500	0.02727	58.21	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4121500	0.02834	58.29	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121500	0.02943	58.44	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121500	0.03054	58.43	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121500	0.03287	57.81	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121500	0.03411	57.65	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121500	0.0354	57.7	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121500	0.03681	58.02	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121500	0.03835	58.22	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121500	0.03996	58.47	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121500	0.04182	58.54	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121500	0.04382	58.58	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121500	0.04604	58.59	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121500	0.0484	58.65	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121500	0.05098	58.67	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121500	0.05371	58.7	313.5	1.5	ANNUAL	PAREA6	5

606672.2	4121500	0.05661	58.7	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121500	0.05968	58.8	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121500	0.06293	58.84	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121500	0.06636	58.91	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121500	0.06996	59.01	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121500	0.07376	59.09	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121500	0.07784	59.04	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121500	0.12437	59.84	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121500	0.12913	59.76	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121500	0.13384	59.62	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121500	0.13873	59.17	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121520	0.01556	55.62	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121520	0.01566	55.67	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121520	0.01576	56.12	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121520	0.01586	56.37	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121520	0.01595	56.17	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121520	0.01603	55.47	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121520	0.01613	56.33	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121520	0.01622	56.64	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121520	0.0163	56.78	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121520	0.01638	56.82	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121520	0.01646	56.78	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121520	0.01653	56.81	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121520	0.01661	56.81	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121520	0.0167	56.98	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121520	0.01678	56.97	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121520	0.01688	57.01	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121520	0.01699	57.12	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121520	0.01711	57.2	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121520	0.01726	57.22	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121520	0.01743	56.77	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121520	0.01763	56.91	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121520	0.01788	57.54	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121520	0.01818	57.84	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121520	0.01852	57.53	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121520	0.01893	57.29	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121520	0.0194	57.16	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121520	0.01995	57.17	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121520	0.02058	57.15	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121520	0.02128	57.3	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121520	0.02206	57.26	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121520	0.02293	57.38	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121520	0.02387	57.35	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121520	0.02488	57.9	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121520	0.02594	57.98	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121520	0.02705	57.89	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121520	0.02819	57.91	313.5	1.5	ANNUAL	PAREA6	5

606352.2	4121520	0.02935	57.92	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121520	0.03054	57.95	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121520	0.03424	58.1	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121520	0.03557	58.17	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121520	0.03699	58.06	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121520	0.03851	57.85	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121520	0.04017	57.81	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121520	0.04199	57.98	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121520	0.044	58.24	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121520	0.04614	58.44	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121520	0.04853	58.54	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121520	0.0511	58.63	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121520	0.05387	58.78	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121520	0.05687	58.76	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121520	0.06	58.92	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121520	0.06337	58.98	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121520	0.06696	59.01	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121520	0.07071	59.1	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121520	0.07471	59.16	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121520	0.07895	59.16	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121520	0.08342	59.15	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121520	0.09783	59.44	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121520	0.10301	59.43	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121520	0.10852	59.12	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121520	0.11378	59.23	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121520	0.11909	59.3	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121520	0.1343	59.98	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121520	0.13936	59.99	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121520	0.14436	59.92	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121520	0.14982	59.26	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121540	0.01613	55.39	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121540	0.01625	56.05	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121540	0.01636	56.25	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121540	0.01647	56.34	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121540	0.01657	56.37	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121540	0.01666	55.37	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121540	0.01677	56.42	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121540	0.01687	56.5	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121540	0.01696	56.43	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121540	0.01706	56.71	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121540	0.01714	56.62	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121540	0.01723	56.35	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121540	0.01732	56.66	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121540	0.01741	56.85	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121540	0.0175	56.84	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121540	0.0176	56.58	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121540	0.01771	56.81	313.5	1.5	ANNUAL	PAREA6	5

605972.2	4121540	0.01784	57	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121540	0.01798	57.14	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121540	0.01814	56.64	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121540	0.01835	56.86	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121540	0.01859	57.44	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121540	0.01887	57.82	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121540	0.0192	57.45	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121540	0.0196	57.25	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121540	0.02006	57.42	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121540	0.02061	57.36	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121540	0.02123	57.36	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121540	0.02194	57.45	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121540	0.02274	57.54	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121540	0.02362	57.46	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121540	0.0246	57.58	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121540	0.02565	57.88	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121540	0.02676	57.92	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121540	0.02794	58.05	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121540	0.02916	58.01	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4121540	0.03041	58.04	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121540	0.03866	58.32	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121540	0.0403	58.3	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121540	0.04212	58.26	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121540	0.04411	58.2	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121540	0.04631	58.04	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121540	0.04871	58.01	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121540	0.05135	58.12	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121540	0.0542	58.24	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121540	0.05722	58.39	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121540	0.0605	58.48	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121540	0.06395	58.61	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121540	0.06767	58.69	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121540	0.07162	58.75	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121540	0.07578	58.85	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121540	0.08022	58.89	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121540	0.08492	58.91	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121540	0.08982	59.01	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121540	0.10567	59.44	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121540	0.11149	59.28	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121540	0.11737	59.2	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121540	0.12317	59.28	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121540	0.14541	60.12	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121540	0.15096	60.04	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121540	0.15644	59.88	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121540	0.16221	59.32	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121560	0.01674	55.31	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121560	0.01686	55.47	313.5	1.5	ANNUAL	PAREA6	5

605672.2	4121560	0.01698	55.85	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121560	0.01711	55.96	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121560	0.01722	56.05	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121560	0.01732	55.3	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121560	0.01745	56.21	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121560	0.01756	56.27	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121560	0.01767	56.2	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121560	0.01777	56.51	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121560	0.01788	56.46	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121560	0.01797	56.05	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121560	0.01807	56.53	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121560	0.01817	56.71	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121560	0.01828	56.66	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121560	0.01838	56.08	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121560	0.0185	56.53	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121560	0.01863	56.94	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121560	0.01877	57.09	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121560	0.01893	56.53	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121560	0.01912	56.8	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121560	0.01936	57.31	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121560	0.01963	57.84	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121560	0.01995	57.36	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121560	0.02034	57.19	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121560	0.02079	57.47	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121560	0.02133	57.45	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121560	0.02195	57.53	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121560	0.02266	57.44	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121560	0.02347	57.55	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121560	0.02437	57.56	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121560	0.02537	57.43	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121560	0.02647	57.55	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121560	0.02764	57.71	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121560	0.02888	57.88	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121560	0.03019	57.72	313.5	1.5	ANNUAL	PAREA6	5
606412.2	4121560	0.03579	57.97	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121560	0.04229	58.25	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121560	0.04417	58.57	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121560	0.04631	58.57	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121560	0.0487	58.54	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121560	0.05133	58.5	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121560	0.05422	58.44	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121560	0.05739	58.38	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121560	0.06078	58.37	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121560	0.06444	58.37	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121560	0.0683	58.41	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121560	0.07243	58.45	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121560	0.07684	58.49	313.5	1.5	ANNUAL	PAREA6	5

606732.2	4121560	0.08147	58.57	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121560	0.0864	58.63	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121560	0.09161	58.68	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121560	0.1209	59.31	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121560	0.12727	59.35	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121560	0.13361	59.45	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121560	0.15801	60.12	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121560	0.16456	59.57	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121560	0.17053	59.38	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121560	0.17616	59.31	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121580	0.0174	55.87	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121580	0.01753	55.87	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121580	0.01765	55.58	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121580	0.01778	55.57	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121580	0.01791	55.5	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121580	0.01804	55.45	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121580	0.01816	55.54	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121580	0.01829	55.62	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121580	0.01841	55.68	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121580	0.01853	55.8	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121580	0.01865	55.9	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121580	0.01876	55.91	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121580	0.01888	55.89	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121580	0.01899	55.82	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121580	0.0191	55.87	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121580	0.01921	55.87	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121580	0.01934	56.04	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121580	0.01947	56.16	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121580	0.01962	56.29	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121580	0.01978	56.29	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121580	0.01998	56.77	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121580	0.02021	57.28	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121580	0.02048	57.7	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121580	0.02078	57.23	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121580	0.02116	57.13	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121580	0.0216	57.37	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121580	0.02213	57.44	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121580	0.02274	57.47	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121580	0.02345	57.23	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121580	0.02427	57.51	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121580	0.02519	57.53	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121580	0.02622	57.42	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121580	0.02735	57.57	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121580	0.02858	57.71	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121580	0.0299	57.89	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121580	0.03128	57.73	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121580	0.03576	57.88	313.5	1.5	ANNUAL	PAREA6	5

606512.2	4121580	0.04656	58.27	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121580	0.04883	58.53	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121580	0.05138	58.67	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121580	0.05422	58.74	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121580	0.05736	58.75	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121580	0.06081	58.75	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121580	0.0645	58.81	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121580	0.0685	58.86	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121580	0.07275	58.93	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121580	0.07726	59.06	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121580	0.08223	58.93	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121580	0.08737	59	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121580	0.09285	59.05	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121580	0.09867	59.07	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121580	0.11751	59.51	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121580	0.1243	59.57	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121580	0.13128	59.57	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121580	0.1383	59.63	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121580	0.14539	59.62	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121580	0.17217	60.13	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121580	0.17897	59.82	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121580	0.18534	59.67	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121580	0.19167	59.39	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121600	0.01811	56.15	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121600	0.01825	56.23	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121600	0.01838	56.12	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121600	0.01852	56.1	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121600	0.01867	56.19	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121600	0.01881	56.26	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121600	0.01895	56.33	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121600	0.01909	56.39	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121600	0.01923	56.43	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121600	0.01936	56.51	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121600	0.01949	56.53	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121600	0.01962	56.53	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121600	0.01975	56.5	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121600	0.01988	56.5	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121600	0.02001	56.58	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121600	0.02013	56.55	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121600	0.02026	56.57	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121600	0.0204	56.64	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121600	0.02056	56.73	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121600	0.02073	56.86	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121600	0.02092	57	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121600	0.02114	57.21	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121600	0.0214	57.62	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121600	0.0217	57.16	313.5	1.5	ANNUAL	PAREA6	5

606112.2	4121600	0.02207	57.07	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121600	0.0225	57.31	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121600	0.02302	57.34	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121600	0.02362	57.31	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121600	0.02433	57.34	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121600	0.02515	57.26	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121600	0.02609	57.41	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121600	0.02713	57.49	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121600	0.02831	57.68	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121600	0.02959	57.77	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121600	0.03098	57.76	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4121600	0.03245	57.72	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121600	0.05756	58.54	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121600	0.06097	58.66	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121600	0.06468	58.87	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121600	0.06875	58.95	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121600	0.07317	59.03	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121600	0.07786	59.14	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121600	0.08294	59.18	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121600	0.08835	59.22	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121600	0.09407	59.32	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121600	0.10015	59.41	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121600	0.10664	59.43	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121600	0.14326	59.63	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121600	0.15113	59.59	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121600	0.15908	59.48	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121600	0.16689	59.44	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121600	0.18813	60.16	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121600	0.19517	60.07	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121600	0.20193	59.99	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121600	0.20919	59.41	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121620	0.01881	53.92	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121620	0.01896	53.91	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121620	0.01912	54.22	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121620	0.01928	54.4	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121620	0.01943	54.57	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121620	0.01959	54.82	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121620	0.01975	55.04	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121620	0.01991	55.14	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121620	0.02006	55.3	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121620	0.02022	55.41	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121620	0.02037	55.5	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121620	0.02052	55.63	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121620	0.02067	55.79	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121620	0.02082	55.97	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121620	0.02096	56.08	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121620	0.02111	56.15	313.5	1.5	ANNUAL	PAREA6	5

605952.2	4121620	0.02125	56.24	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121620	0.0214	56.34	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121620	0.02157	56.56	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121620	0.02174	56.66	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121620	0.02194	56.77	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121620	0.02216	56.98	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121620	0.02242	57.27	313.5	1.5	ANNUAL	PAREA6	5
606092.2	4121620	0.02272	57.06	313.5	1.5	ANNUAL	PAREA6	5
606112.2	4121620	0.02307	56.99	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121620	0.0235	57.02	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121620	0.024	57.04	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121620	0.02459	57	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121620	0.0253	57.08	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121620	0.02612	57.1	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121620	0.02707	57.52	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121620	0.02814	57.59	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121620	0.02935	57.52	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121620	0.03068	57.57	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121620	0.03214	57.57	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121620	0.03888	58.45	313.5	1.5	ANNUAL	PAREA6	5
606412.2	4121620	0.04072	58.63	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121620	0.04268	58.54	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121620	0.04932	58.13	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121620	0.05188	58.08	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121620	0.15698	59.61	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121620	0.16569	59.59	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121620	0.17447	59.49	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121620	0.18305	59.46	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121620	0.20679	59.81	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121620	0.21429	59.81	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121620	0.22169	59.67	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121620	0.229	59.39	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121640	0.01965	55.44	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121640	0.01981	55.43	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121640	0.01998	55.4	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121640	0.02014	55.37	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121640	0.02031	55.36	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121640	0.02048	55.34	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121640	0.02065	55.36	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121640	0.02081	55.33	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121640	0.02098	55.23	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121640	0.02115	55.16	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121640	0.02132	55	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121640	0.02148	54.94	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121640	0.02164	54.81	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121640	0.0218	54.74	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121640	0.02197	54.71	313.5	1.5	ANNUAL	PAREA6	5

605932.2	4121640	0.02213	54.67	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121640	0.02228	54.17	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121640	0.02244	53.9	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121640	0.02262	54.41	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121640	0.02281	54.59	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121640	0.02301	54.6	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121640	0.02324	54.56	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121640	0.02349	54.45	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121640	0.02639	57.43	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121640	0.02721	57.75	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121640	0.02815	58.28	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121640	0.02924	58.28	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121640	0.03049	57.87	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121640	0.03187	57.71	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121640	0.0334	57.94	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121640	0.05201	58.39	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121640	0.05478	58.5	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121640	0.05789	58.45	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121640	0.0613	58.52	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121640	0.06517	58.48	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121640	0.0694	58.5	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121640	0.07414	58.43	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121640	0.07922	58.48	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121640	0.19196	59.56	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121640	0.2013	59.6	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121640	0.22722	59.93	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121640	0.2352	59.99	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121640	0.24358	59.63	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121640	0.25155	59.29	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121660	0.02053	55.82	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121660	0.0207	55.88	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121660	0.02088	55.98	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121660	0.02106	56.04	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121660	0.02124	56.08	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121660	0.02143	56.16	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121660	0.02162	56.3	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121660	0.02181	56.31	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121660	0.022	56.41	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121660	0.02219	56.49	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121660	0.02238	56.53	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121660	0.02257	56.62	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121660	0.02275	56.48	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121660	0.02294	56.48	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121660	0.02312	56.43	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121660	0.02331	56.5	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121660	0.02349	56.62	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121660	0.02368	56.69	313.5	1.5	ANNUAL	PAREA6	5

605992.2	4121660	0.02387	56.7	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121660	0.02407	56.82	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121660	0.02429	56.93	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121660	0.02452	57	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121660	0.02479	57.11	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121660	0.02585	57.5	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121660	0.02634	57.54	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121660	0.02691	57.43	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121660	0.0276	57.53	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121660	0.02842	57.77	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121660	0.02937	58.2	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121660	0.03046	58.32	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121660	0.03173	58.3	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121660	0.03318	58.19	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121660	0.03476	58.25	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121660	0.04046	57.91	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121660	0.04966	57.82	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121660	0.0551	58.24	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121660	0.05814	58.37	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121660	0.06147	58.56	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121660	0.06522	58.67	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121660	0.06942	58.76	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121660	0.0741	58.81	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121660	0.07934	58.79	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121660	0.08502	58.82	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121660	0.09114	58.95	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121660	0.0978	59.01	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121660	0.10493	59.12	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121660	0.11264	59.16	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121660	0.12082	59.27	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121660	0.12965	59.27	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121660	0.13929	59.04	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121660	0.2506	59.98	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121660	0.25929	60	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121660	0.26838	59.61	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121660	0.27688	59.27	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121680	0.02349	56.38	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121680	0.02371	56.63	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121680	0.02391	56.5	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121680	0.02412	56.13	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121680	0.02433	56.06	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121680	0.02453	56.13	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121680	0.02475	56.27	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121680	0.02496	56.39	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121680	0.02517	56.44	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121680	0.0254	56.56	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121680	0.02563	56.65	313.5	1.5	ANNUAL	PAREA6	5

606052.2	4121680	0.02588	56.75	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121680	0.02615	56.9	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121680	0.03072	57.61	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121680	0.03185	57.79	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121680	0.03314	57.57	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121680	0.03461	57.42	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121680	0.04234	58	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121680	0.04466	57.92	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121680	0.04968	58.24	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121680	0.07447	58.51	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121680	0.07973	58.53	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121680	0.08555	58.6	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121680	0.09189	58.7	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121680	0.09883	58.79	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121680	0.10631	58.91	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121680	0.11443	58.99	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121680	0.12307	59.15	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121680	0.13242	59.22	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121680	0.14247	59.22	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121680	0.15354	58.93	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121680	0.2774	59.99	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121680	0.28672	60.02	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121680	0.29639	59.66	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121680	0.30537	59.33	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121700	0.02249	56.02	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121700	0.02269	56.16	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121700	0.0229	56.13	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121700	0.02311	56.17	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121700	0.02333	56.18	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121700	0.02355	56.34	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121700	0.02377	56.27	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121700	0.024	56.35	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121700	0.02423	56.31	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121700	0.02469	56.3	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121700	0.02494	56.64	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121700	0.02517	56.58	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121700	0.0254	56.1	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121700	0.02563	55.98	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121700	0.02587	56.12	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121700	0.02611	56.15	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121700	0.02635	56.24	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121700	0.02659	56.3	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121700	0.02684	56.33	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121700	0.0271	56.43	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121700	0.02737	56.47	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121700	0.02766	56.55	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121700	0.02923	57.05	313.5	1.5	ANNUAL	PAREA6	5

606172.2	4121700	0.0298	57.03	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121700	0.03048	57.26	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121700	0.03129	57.51	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121700	0.03224	57.64	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121700	0.03337	57.79	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121700	0.03469	57.66	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121700	0.03621	57.48	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121700	0.04438	58.1	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121700	0.0469	58.07	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121700	0.05239	58.3	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121700	0.05864	58.11	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121700	0.06211	58.18	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121700	0.06592	58.17	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121700	0.07014	57.97	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121700	0.12552	58.7	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121700	0.13548	58.8	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121700	0.14627	58.83	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121700	0.15769	58.92	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121700	0.17007	58.82	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121700	0.30796	60.06	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121700	0.31777	60.15	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121700	0.32787	59.85	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121700	0.33774	59.36	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121720	0.02359	56.06	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121720	0.0238	56.11	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121720	0.02403	56.2	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121720	0.02426	56.37	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121720	0.0245	56.42	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121720	0.02474	56.44	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121720	0.02499	56.5	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121720	0.02524	56.56	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121720	0.02549	56.32	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121720	0.026	56.21	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121720	0.02627	56.58	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121720	0.02654	56.54	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121720	0.02679	56.11	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121720	0.02706	56.25	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121720	0.02734	56.64	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121720	0.02761	56.7	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121720	0.02789	56.8	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121720	0.02816	56.89	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121720	0.02843	56.89	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121720	0.02872	56.93	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121720	0.02902	57.1	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121720	0.02933	57.13	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121720	0.03046	56.84	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121720	0.03095	56.98	313.5	1.5	ANNUAL	PAREA6	5

606172.2	4121720	0.03152	56.97	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121720	0.0322	57.19	313.5	1.5	ANNUAL	PAREA6	5
606212.2	4121720	0.033	57.44	313.5	1.5	ANNUAL	PAREA6	5
606232.2	4121720	0.03396	57.64	313.5	1.5	ANNUAL	PAREA6	5
606252.2	4121720	0.03509	57.74	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4121720	0.03643	57.76	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121720	0.03799	57.52	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121720	0.04662	58.17	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121720	0.04935	57.99	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121720	0.05531	58.42	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121720	0.06229	58.2	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121720	0.06606	58.35	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121720	0.0702	58.5	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121720	0.0751	58.11	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121720	0.08031	58.3	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121720	0.086	58.63	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121720	0.09272	58.56	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121720	0.10052	58.23	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121720	0.10874	58.28	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121720	0.11764	58.44	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121720	0.12746	58.51	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121720	0.13832	58.43	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121720	0.14979	58.53	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121720	0.16208	58.65	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121720	0.17527	58.72	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121720	0.1894	58.69	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121720	0.34304	60.13	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121720	0.35401	60.03	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121720	0.36491	59.65	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121720	0.37421	59.45	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121740	0.02477	55.82	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121740	0.025	55.8	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121740	0.02526	56.02	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121740	0.02551	56.29	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121740	0.02577	56.37	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121740	0.02603	56.18	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121740	0.0263	56.24	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121740	0.02658	56.48	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121740	0.02685	56.28	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121740	0.02742	56.19	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121740	0.02773	56.57	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121740	0.02802	56.47	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121740	0.02831	56.07	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121740	0.02861	56.17	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121740	0.02893	56.62	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121740	0.02924	56.72	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121740	0.02955	56.96	313.5	1.5	ANNUAL	PAREA6	5

605992.2	4121740	0.02986	56.96	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121740	0.03017	56.9	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121740	0.03049	56.98	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121740	0.03082	56.99	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121740	0.03117	57.09	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121740	0.05202	57.93	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121740	0.05852	58.53	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121740	0.06625	58.31	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121740	0.0704	58.55	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121740	0.07509	58.58	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121740	0.08063	58.15	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121740	0.08642	58.38	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121740	0.09274	58.81	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121740	0.10026	58.81	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121740	0.10923	58.35	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121740	0.11845	58.52	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121740	0.12837	58.87	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121740	0.13926	59.18	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121740	0.15231	58.7	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121740	0.16538	58.88	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121740	0.17906	59.26	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121740	0.19408	59.4	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121740	0.21146	58.84	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121740	0.22782	59.09	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121740	0.24436	59.44	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121740	0.26179	59.51	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121740	0.27887	59.7	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121740	0.2963	59.67	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121740	0.31292	59.76	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121740	0.32896	59.82	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121740	0.34425	59.86	313.5	1.5	ANNUAL	PAREA6	5
606952.2	4121740	0.35868	59.88	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121740	0.38524	59.68	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121740	0.3965	59.66	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121740	0.4062	59.72	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121740	0.41497	59.67	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121760	0.02604	55.76	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121760	0.02658	55.75	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121760	0.02686	56.21	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121760	0.02715	56.23	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121760	0.02772	56.08	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121760	0.02804	56.5	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121760	0.02834	56.24	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121760	0.02898	56.2	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121760	0.02932	56.59	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121760	0.02964	56.33	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121760	0.02997	55.9	313.5	1.5	ANNUAL	PAREA6	5

605912.2	4121760	0.0303	55.93	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121760	0.03065	56.21	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121760	0.031	56.29	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121760	0.03137	56.74	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121760	0.03172	56.81	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121760	0.03208	56.76	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121760	0.03244	56.78	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121760	0.03281	56.78	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121760	0.0332	56.83	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121760	0.05179	57.94	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121760	0.0621	58.53	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121760	0.07066	58.37	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121760	0.07525	58.7	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121760	0.08059	58.59	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121760	0.08682	58.16	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121760	0.09333	58.4	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121760	0.10045	58.87	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121760	0.10897	58.9	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121760	0.11917	58.46	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121760	0.12979	58.61	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121760	0.14121	58.96	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121760	0.15384	59.24	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121760	0.16881	58.84	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121760	0.18403	59	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121760	0.1999	59.4	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121760	0.21756	59.45	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121760	0.23776	58.89	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121760	0.25641	59.24	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121760	0.27552	59.57	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121760	0.29579	59.54	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121760	0.31569	59.59	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121760	0.33543	59.56	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121760	0.35444	59.55	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121760	0.3729	59.45	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121760	0.39	59.43	313.5	1.5	ANNUAL	PAREA6	5
606952.2	4121760	0.40572	59.45	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121760	0.43161	59.84	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121760	0.44176	60.17	313.5	1.5	ANNUAL	PAREA6	5
607032.2	4121760	0.45143	60.22	313.5	1.5	ANNUAL	PAREA6	5
607052.2	4121760	0.46015	60.08	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121780	0.0274	55.73	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121780	0.028	55.83	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121780	0.02832	56.23	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121780	0.02863	56.22	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121780	0.02928	56.07	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121780	0.02963	56.42	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121780	0.02997	56.17	313.5	1.5	ANNUAL	PAREA6	5

605832.2	4121780	0.03067	56.23	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121780	0.03105	56.44	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121780	0.03141	56.27	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121780	0.03178	55.8	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121780	0.03216	55.87	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121780	0.03256	56.1	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121780	0.03295	56.16	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121780	0.03377	56.96	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121780	0.03501	56.75	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121780	0.03545	56.91	313.5	1.5	ANNUAL	PAREA6	5
606132.2	4121780	0.0369	57.48	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121780	0.03745	57.4	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121780	0.03807	57.29	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121780	0.03878	57.42	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121780	0.04481	58.1	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121780	0.04677	58.02	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121780	0.05481	58.13	313.5	1.5	ANNUAL	PAREA6	5
606392.2	4121780	0.05824	58.08	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121780	0.06598	58.64	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121780	0.07551	58.48	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121780	0.08072	58.72	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121780	0.0867	58.64	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121780	0.09369	58.28	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121780	0.10104	58.51	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121780	0.10919	58.93	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121780	0.11904	58.88	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121780	0.13065	58.52	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121780	0.14288	58.69	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121780	0.15615	59.02	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121780	0.1709	59.28	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121780	0.18845	58.84	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121780	0.20611	59.07	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121780	0.22488	59.4	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121780	0.24538	59.52	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121780	0.26904	58.94	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121780	0.29187	58.95	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121780	0.31497	59.01	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121780	0.33813	59.06	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121780	0.36088	59.13	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121780	0.38262	59.27	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121780	0.40339	59.4	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121780	0.42253	59.61	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121780	0.44024	59.81	313.5	1.5	ANNUAL	PAREA6	5
606952.2	4121780	0.45637	60	313.5	1.5	ANNUAL	PAREA6	5
606992.2	4121780	0.48449	60.11	313.5	1.5	ANNUAL	PAREA6	5
607012.2	4121780	0.49591	60.11	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121800	0.02886	55.57	313.5	1.5	ANNUAL	PAREA6	5

605672.2	4121800	0.02953	55.68	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121800	0.02989	56.06	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121800	0.03023	55.93	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121800	0.03097	56.02	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121800	0.03135	56.25	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121800	0.03173	56.05	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121800	0.03253	56.14	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121800	0.03294	56.47	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121800	0.03335	56.29	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121800	0.03376	55.74	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121800	0.03421	56.17	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121800	0.03466	56.58	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121800	0.03511	56.73	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121800	0.03604	57.08	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121800	0.03745	56.84	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121800	0.03796	57.22	313.5	1.5	ANNUAL	PAREA6	5
606152.2	4121800	0.04018	57.69	313.5	1.5	ANNUAL	PAREA6	5
606172.2	4121800	0.04083	57.51	313.5	1.5	ANNUAL	PAREA6	5
606192.2	4121800	0.04158	57.58	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4121800	0.04774	58.16	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4121800	0.04973	58.27	313.5	1.5	ANNUAL	PAREA6	5
606372.2	4121800	0.05819	58.12	313.5	1.5	ANNUAL	PAREA6	5
606432.2	4121800	0.07034	58.67	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121800	0.08098	58.48	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121800	0.08686	58.7	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121800	0.09354	58.72	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121800	0.10106	58.73	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121800	0.10953	58.84	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121800	0.11915	59	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121800	0.13048	58.95	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121800	0.14331	58.95	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121800	0.15762	59.03	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121800	0.1734	59.2	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121800	0.19095	59.33	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121800	0.21048	59.34	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121800	0.23165	59.41	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121800	0.25432	59.54	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121800	0.27875	59.57	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121800	0.30653	59	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121800	0.33178	59.39	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121800	0.35833	59.5	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121800	0.3846	59.63	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121800	0.41043	59.71	313.5	1.5	ANNUAL	PAREA6	5
606872.2	4121800	0.43492	59.85	313.5	1.5	ANNUAL	PAREA6	5
606892.2	4121800	0.45807	59.97	313.5	1.5	ANNUAL	PAREA6	5
606912.2	4121800	0.47945	60.1	313.5	1.5	ANNUAL	PAREA6	5
606932.2	4121800	0.49993	60.03	313.5	1.5	ANNUAL	PAREA6	5

605632.2	4121860	0.03382	55.39	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121860	0.03427	54.86	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121860	0.03477	55.28	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121860	0.0353	55.7	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121860	0.03581	55.67	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121860	0.0363	55.24	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121860	0.03686	55.53	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121860	0.03741	55.85	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121860	0.03797	56.02	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121860	0.03853	55.58	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121860	0.03912	55.82	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121860	0.03973	56.15	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121860	0.04035	56.21	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121860	0.04094	55.73	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121860	0.0416	56.03	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121860	0.04227	56.36	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121860	0.04295	56.55	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121860	0.04365	56.72	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121860	0.04435	56.84	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121860	0.04507	57.02	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121860	0.04581	57.18	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121860	0.04656	57.25	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121860	0.04732	57.16	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121860	0.19858	58.8	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121860	0.22107	59.3	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121860	0.24697	59.65	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121860	0.27734	59.6	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121860	0.31097	59.59	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121860	0.34746	59.68	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121860	0.38765	59.59	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121860	0.42993	59.56	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121860	0.47576	59.2	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121860	0.51833	59.44	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121860	0.56081	59.57	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121860	0.60172	59.67	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121860	0.63981	59.79	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121880	0.03567	55.56	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121880	0.03619	54.97	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121880	0.03676	55.5	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121880	0.03734	55.91	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121880	0.03793	55.81	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121880	0.03849	55.32	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121880	0.03912	55.72	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121880	0.03976	56.18	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121880	0.0404	56.15	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121880	0.04103	55.63	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121880	0.04171	55.9	313.5	1.5	ANNUAL	PAREA6	5

605852.2	4121880	0.04241	56.41	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121880	0.04312	56.49	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121880	0.04381	55.84	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121880	0.04456	56.09	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121880	0.04532	56.23	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121880	0.04611	56.53	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121880	0.04692	56.7	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121880	0.04774	56.92	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121880	0.04858	57.09	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121880	0.04944	57.3	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121880	0.05032	57.42	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121880	0.05122	57.53	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121880	0.10164	58.72	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121880	0.11018	58.93	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121880	0.12011	58.94	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121880	0.13145	58.94	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121880	0.14441	58.99	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121880	0.15965	58.98	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121880	0.17851	58.58	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121880	0.19991	58.55	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121880	0.22385	58.89	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121880	0.25078	59.44	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121880	0.28199	59.84	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121880	0.3196	59.63	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121880	0.36049	59.68	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121880	0.40523	59.76	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121880	0.45401	59.73	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121880	0.50548	59.69	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121880	0.56073	59.33	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121880	0.61128	59.59	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121880	0.6608	59.76	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121880	0.7074	59.92	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121880	0.75028	60.04	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121900	0.03761	55.74	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121900	0.03819	54.98	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121900	0.03884	55.45	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121900	0.0395	55.88	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121900	0.04016	55.94	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121900	0.04081	55.35	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121900	0.04152	55.74	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121900	0.04226	56.28	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121900	0.04299	56.2	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121900	0.04371	55.66	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121900	0.0445	56.01	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121900	0.04531	56.52	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121900	0.04612	56.6	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121900	0.04692	55.87	313.5	1.5	ANNUAL	PAREA6	5

605912.2	4121900	0.04777	55.86	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121900	0.04865	55.96	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121900	0.04956	56.1	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121900	0.0505	56.34	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121900	0.05146	56.46	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121900	0.05244	56.6	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121900	0.05345	56.73	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121900	0.0545	57.12	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121900	0.05557	57.56	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121900	0.11067	58.71	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121900	0.12033	58.9	313.5	1.5	ANNUAL	PAREA6	5
606492.2	4121900	0.13164	58.94	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121900	0.14471	58.95	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121900	0.15989	58.95	313.5	1.5	ANNUAL	PAREA6	5
606552.2	4121900	0.17769	58.98	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121900	0.19979	58.66	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121900	0.22524	58.66	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121900	0.25427	58.96	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121900	0.28718	59.49	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121900	0.32573	59.84	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121900	0.37257	59.56	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121900	0.42221	59.8	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121900	0.4779	59.84	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121900	0.53827	59.8	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121900	0.60179	59.72	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121900	0.66689	59.58	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121900	0.72916	59.64	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121900	0.78846	59.69	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121900	0.84313	59.73	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121900	0.89148	59.79	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121920	0.03963	55.77	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121920	0.04029	55.08	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121920	0.04103	55.52	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121920	0.04178	55.96	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121920	0.04253	56.03	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121920	0.04327	55.4	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121920	0.04408	55.84	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121920	0.04491	56.25	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121920	0.04575	56.17	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121920	0.04658	55.71	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121920	0.04749	56.11	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121920	0.04843	56.61	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121920	0.04936	56.54	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121920	0.05029	55.89	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121920	0.0513	56.24	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121920	0.05234	56.6	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121920	0.0534	56.78	313.5	1.5	ANNUAL	PAREA6	5

605972.2	4121920	0.0545	56.94	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121920	0.05561	57.03	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121920	0.05677	57.22	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121920	0.05796	57.35	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121920	0.05919	57.53	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121920	0.06044	57.65	313.5	1.5	ANNUAL	PAREA6	5
606452.2	4121920	0.121	58.81	313.5	1.5	ANNUAL	PAREA6	5
606472.2	4121920	0.13204	58.89	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121920	0.17782	58.98	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121920	0.22414	59.02	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121920	0.25493	58.95	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121920	0.2911	59.06	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121920	0.33181	59.57	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121920	0.37979	59.92	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121920	0.43789	59.72	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121920	0.49844	60.21	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121920	0.56713	60.37	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121920	0.64205	60.34	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121920	0.7195	60.33	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121920	0.79782	60.24	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121920	0.87262	60.23	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121920	0.94166	60.26	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121920	1.00288	60.32	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121920	1.05739	60.2	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121940	0.04174	55.83	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121940	0.04251	55.73	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121940	0.04332	55.87	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121940	0.04416	56.07	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121940	0.04501	56.17	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121940	0.04589	56.07	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121940	0.04679	56.15	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121940	0.04773	56.32	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121940	0.04869	56.19	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121940	0.04964	55.69	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121940	0.05069	56.23	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121940	0.05176	56.6	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121940	0.05285	56.63	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121940	0.05392	55.91	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121940	0.05511	56.41	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121940	0.05632	56.79	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121940	0.05757	57.02	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121940	0.05884	57.1	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121940	0.06016	57.15	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121940	0.06152	57.41	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121940	0.06293	57.53	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121940	0.06438	57.57	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121940	0.06586	57.6	313.5	1.5	ANNUAL	PAREA6	5

606532.2	4121940	0.19859	59.13	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121940	0.25346	59.3	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121940	0.29157	59.07	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121940	0.33627	59.18	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121940	0.38731	59.68	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121940	0.44868	59.92	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121940	0.52268	59.72	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121940	0.59968	60.26	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121940	0.68612	60.53	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121940	0.7817	60.42	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121940	0.87793	60.44	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121940	0.97126	60.53	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121940	1.05918	60.59	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121940	1.13586	60.79	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121940	1.2034	60.82	313.5	1.5	ANNUAL	PAREA6	5
606852.2	4121940	1.26385	60.44	313.5	1.5	ANNUAL	PAREA6	5
605632.2	4121960	0.04392	55.85	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121960	0.04479	55.89	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121960	0.0457	56.01	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121960	0.04664	56.04	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121960	0.0476	56.12	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121960	0.04861	56.23	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121960	0.04964	56.25	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121960	0.0507	56.37	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121960	0.05177	56.12	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121960	0.05289	55.81	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121960	0.0541	56.44	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121960	0.05533	56.7	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121960	0.05658	56.59	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121960	0.05783	55.98	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121960	0.0592	56.44	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121960	0.06061	56.62	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121960	0.06206	56.88	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121960	0.06355	56.82	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121960	0.0651	56.93	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121960	0.06671	57.06	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121960	0.06838	57.27	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121960	0.0701	57.27	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121960	0.07188	57.32	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121960	0.28971	59.37	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121960	0.3373	59.04	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121960	0.39252	59.3	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121960	0.45768	59.78	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121960	0.53814	59.85	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121960	0.63398	59.68	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121960	0.73371	60.27	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121960	0.84624	60.5	313.5	1.5	ANNUAL	PAREA6	5

606732.2	4121960	0.97481	59.99	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121960	1.09306	60.21	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121960	1.20759	60.29	313.5	1.5	ANNUAL	PAREA6	5
606792.2	4121960	1.31233	60.3	313.5	1.5	ANNUAL	PAREA6	5
606812.2	4121960	1.38945	60.95	313.5	1.5	ANNUAL	PAREA6	5
606832.2	4121960	1.45844	61.06	313.49	1.5	ANNUAL	PAREA6	5
606852.2	4121960	1.51725	60.64	313.49	1.5	ANNUAL	PAREA6	5
605632.2	4121980	0.04615	55.56	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4121980	0.04713	55.59	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4121980	0.04814	55.6	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4121980	0.0492	55.62	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4121980	0.05029	55.76	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4121980	0.05141	55.91	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4121980	0.05259	56.03	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4121980	0.0538	56.13	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4121980	0.05503	56.02	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4121980	0.05633	56.01	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4121980	0.05771	56.54	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4121980	0.05911	56.74	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4121980	0.06053	56.39	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4121980	0.062	56.1	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4121980	0.06358	56.29	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4121980	0.0652	56.33	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4121980	0.06687	56.28	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4121980	0.06863	56.31	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4121980	0.07045	56.46	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4121980	0.07235	56.53	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4121980	0.07432	56.51	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4121980	0.07637	56.55	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4121980	0.07851	56.68	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4121980	0.2236	59.33	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4121980	0.25341	59.19	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4121980	0.33436	59.39	313.5	1.5	ANNUAL	PAREA6	5
606592.2	4121980	0.39325	59.17	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4121980	0.46402	59.39	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4121980	0.54934	59.8	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4121980	0.656	59.8	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4121980	0.78327	59.63	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4121980	0.91571	60.23	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4121980	1.06669	60.31	313.5	1.5	ANNUAL	PAREA6	5
606732.2	4121980	1.23152	59.92	313.5	1.5	ANNUAL	PAREA6	5
606752.2	4121980	1.36991	60.62	313.5	1.5	ANNUAL	PAREA6	5
606772.2	4121980	1.50682	60.75	313.49	1.5	ANNUAL	PAREA6	5
606792.2	4121980	1.63469	60.42	313.49	1.5	ANNUAL	PAREA6	5
606812.2	4121980	1.71534	61.02	312.87	1.5	ANNUAL	PAREA6	5
606832.2	4121980	1.77708	61.24	61.24	1.5	ANNUAL	PAREA6	5
606852.2	4121980	1.82286	60.87	60.87	1.5	ANNUAL	PAREA6	5

605632.2	4122000	0.04844	55.03	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4122000	0.04953	55.11	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4122000	0.05066	55.17	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4122000	0.05184	55.28	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4122000	0.05307	55.34	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4122000	0.05432	55.33	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4122000	0.05563	55.43	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4122000	0.057	55.47	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4122000	0.05843	55.61	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4122000	0.05992	56.01	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4122000	0.06149	56.55	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4122000	0.06311	56.76	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4122000	0.06473	56.29	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4122000	0.06646	56.27	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4122000	0.0683	56.8	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4122000	0.07019	56.92	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4122000	0.07211	56.5	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4122000	0.07416	56.47	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4122000	0.07634	56.97	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4122000	0.07859	57.12	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4122000	0.08089	56.72	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4122000	0.08332	56.73	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4122000	0.08593	57.25	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4122000	0.12317	58.13	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4122000	0.12777	58.23	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4122000	0.13281	58.26	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4122000	0.13853	58.24	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4122000	0.25356	59.49	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4122000	0.28907	59.37	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4122000	0.55645	59.48	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4122000	0.66951	59.92	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4122000	0.81319	59.92	313.5	1.5	ANNUAL	PAREA6	5
606672.2	4122000	0.98557	59.77	313.5	1.5	ANNUAL	PAREA6	5
606692.2	4122000	1.16797	60.24	313.5	1.5	ANNUAL	PAREA6	5
606712.2	4122000	1.37171	60.26	313.49	1.5	ANNUAL	PAREA6	5
606732.2	4122000	1.58823	59.84	313.49	1.5	ANNUAL	PAREA6	5
606752.2	4122000	1.7618	60.49	313.48	1.5	ANNUAL	PAREA6	5
606772.2	4122000	1.91682	60.84	60.84	1.5	ANNUAL	PAREA6	5
606792.2	4122000	2.05763	60.49	60.49	1.5	ANNUAL	PAREA6	5
606812.2	4122000	2.12906	61.1	61.1	1.5	ANNUAL	PAREA6	5
606832.2	4122000	2.17314	61.23	61.23	1.5	ANNUAL	PAREA6	5
606852.2	4122000	2.18966	60.87	60.87	1.5	ANNUAL	PAREA6	5
605632.2	4122020	0.05086	55.56	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4122020	0.05208	55.7	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4122020	0.05333	55.68	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4122020	0.05464	55.87	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4122020	0.05601	55.92	313.5	1.5	ANNUAL	PAREA6	5

605732.2	4122020	0.05742	55.87	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4122020	0.05888	55.86	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4122020	0.06042	55.89	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4122020	0.06204	56.08	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4122020	0.06371	56.26	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4122020	0.06547	56.52	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4122020	0.06731	56.81	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4122020	0.0692	56.61	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4122020	0.07119	56.61	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4122020	0.07329	56.85	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4122020	0.07547	56.95	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4122020	0.07773	56.8	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4122020	0.08012	56.79	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4122020	0.08266	57.07	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4122020	0.0853	57.25	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4122020	0.08803	56.99	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4122020	0.09093	56.95	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4122020	0.09401	57.25	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4122020	0.13459	58.35	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4122020	0.13906	59.31	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4122020	0.1447	59.32	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4122020	0.15082	59.3	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4122020	0.15772	59.14	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4122020	0.29134	59.43	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4122020	0.33343	59.46	313.5	1.5	ANNUAL	PAREA6	5
606612.2	4122020	0.67815	59.61	313.5	1.5	ANNUAL	PAREA6	5
606632.2	4122020	0.83392	59.97	313.5	1.5	ANNUAL	PAREA6	5
606652.2	4122020	1.03408	59.95	313.49	1.5	ANNUAL	PAREA6	5
606672.2	4122020	1.27438	59.85	313.49	1.5	ANNUAL	PAREA6	5
606692.2	4122020	1.53024	60.25	313.48	1.5	ANNUAL	PAREA6	5
606712.2	4122020	1.80855	60.24	60.24	1.5	ANNUAL	PAREA6	5
606732.2	4122020	2.09413	59.77	59.77	1.5	ANNUAL	PAREA6	5
606752.2	4122020	2.30426	60.42	60.42	1.5	ANNUAL	PAREA6	5
606772.2	4122020	2.47181	60.85	60.85	1.5	ANNUAL	PAREA6	5
606792.2	4122020	2.61031	60.48	60.48	1.5	ANNUAL	PAREA6	5
606812.2	4122020	2.64954	61.07	61.07	1.5	ANNUAL	PAREA6	5
606832.2	4122020	2.65266	61.04	61.04	1.5	ANNUAL	PAREA6	5
606852.2	4122020	2.61479	60.63	60.63	1.5	ANNUAL	PAREA6	5
605632.2	4122040	0.05332	55.8	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4122040	0.05466	55.84	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4122040	0.05605	55.92	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4122040	0.05751	56	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4122040	0.05902	56.09	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4122040	0.0606	56.09	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4122040	0.06224	56.15	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4122040	0.06397	56.21	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4122040	0.06577	56.3	313.5	1.5	ANNUAL	PAREA6	5

605812.2	4122040	0.06767	56.49	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4122040	0.06965	56.6	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4122040	0.07172	56.73	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4122040	0.07389	56.74	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4122040	0.07616	56.83	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4122040	0.07856	56.95	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4122040	0.08108	57.07	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4122040	0.08372	57.05	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4122040	0.0865	57.14	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4122040	0.08943	57.23	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4122040	0.09253	57.25	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4122040	0.09578	57.24	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4122040	0.09921	57.27	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4122040	0.10285	57.36	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4122040	0.15302	58.46	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4122040	0.15897	59.32	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4122040	0.16615	59.36	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4122040	0.17388	59.37	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4122040	0.18248	59.25	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4122040	0.33879	59.41	313.5	1.5	ANNUAL	PAREA6	5
606532.2	4122040	0.38933	59.52	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4122040	0.54798	59.64	313.49	1.5	ANNUAL	PAREA6	5
606592.2	4122040	0.67681	59.39	313.49	1.5	ANNUAL	PAREA6	5
606612.2	4122040	0.84416	59.7	313.48	1.5	ANNUAL	PAREA6	5
606632.2	4122040	1.06723	59.94	313.48	1.5	ANNUAL	PAREA6	5
606652.2	4122040	1.35806	59.87	312.87	1.5	ANNUAL	PAREA6	5
606672.2	4122040	1.70593	59.82	59.82	1.5	ANNUAL	PAREA6	5
606692.2	4122040	2.07076	60.25	60.25	1.5	ANNUAL	PAREA6	5
606712.2	4122040	2.45389	60.23	60.23	1.5	ANNUAL	PAREA6	5
606732.2	4122040	2.82604	59.7	59.7	1.5	ANNUAL	PAREA6	5
606752.2	4122040	3.06277	60.35	60.35	1.5	ANNUAL	PAREA6	5
606772.2	4122040	3.21981	60.76	60.76	1.5	ANNUAL	PAREA6	5
606792.2	4122040	3.32224	60.31	60.31	1.5	ANNUAL	PAREA6	5
606812.2	4122040	3.28603	60.87	60.87	1.5	ANNUAL	PAREA6	5
606832.2	4122040	3.20283	60.81	60.81	1.5	ANNUAL	PAREA6	5
606852.2	4122040	3.07187	60.43	60.43	1.5	ANNUAL	PAREA6	5
605632.2	4122060	0.05582	55.67	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4122060	0.0573	55.84	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4122060	0.05884	55.99	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4122060	0.06043	55.85	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4122060	0.0621	55.86	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4122060	0.06385	55.96	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4122060	0.06569	56.03	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4122060	0.06762	56.12	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4122060	0.06963	56.17	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4122060	0.07175	56.29	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4122060	0.07398	56.42	313.5	1.5	ANNUAL	PAREA6	5

605852.2	4122060	0.07632	56.51	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4122060	0.07879	56.61	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4122060	0.08138	56.64	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4122060	0.08412	56.94	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4122060	0.08701	57.06	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4122060	0.09005	56.99	313.5	1.5	ANNUAL	PAREA6	5
605972.2	4122060	0.09329	57.33	313.5	1.5	ANNUAL	PAREA6	5
605992.2	4122060	0.0967	57.38	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4122060	0.10029	57.39	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4122060	0.10412	57.52	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4122060	0.10816	57.38	313.5	1.5	ANNUAL	PAREA6	5
606072.2	4122060	0.11247	57.42	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4122060	0.17415	58.86	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4122060	0.1824	59.32	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4122060	0.19165	59.41	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4122060	0.2019	59.3	313.5	1.5	ANNUAL	PAREA6	5
606352.2	4122060	0.21283	59.31	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4122060	0.6623	59.95	59.95	1.5	ANNUAL	PAREA6	5
606592.2	4122060	0.83994	59.48	59.48	1.5	ANNUAL	PAREA6	5
606612.2	4122060	1.0786	59.76	59.76	1.5	ANNUAL	PAREA6	5
606632.2	4122060	1.4122	59.88	59.88	1.5	ANNUAL	PAREA6	5
606652.2	4122060	1.85279	59.82	59.82	1.5	ANNUAL	PAREA6	5
606672.2	4122060	2.38062	59.76	59.76	1.5	ANNUAL	PAREA6	5
606692.2	4122060	2.91897	60.13	60.13	1.5	ANNUAL	PAREA6	5
606712.2	4122060	3.43987	60.16	60.16	1.5	ANNUAL	PAREA6	5
606732.2	4122060	3.8909	59.71	59.71	1.5	ANNUAL	PAREA6	5
606752.2	4122060	4.11187	60.34	60.34	1.5	ANNUAL	PAREA6	5
606772.2	4122060	4.207	60.53	60.53	1.5	ANNUAL	PAREA6	5
606792.2	4122060	4.19523	60.11	60.11	1.5	ANNUAL	PAREA6	5
606812.2	4122060	4.00961	60.76	60.76	1.5	ANNUAL	PAREA6	5
606832.2	4122060	3.78439	60.69	60.69	1.5	ANNUAL	PAREA6	5
606852.2	4122060	3.51973	60.34	60.34	1.5	ANNUAL	PAREA6	5
607052.2	4122060	1.15744	60.26	60.26	1.5	ANNUAL	PAREA6	5
605632.2	4122080	0.05837	55.28	313.5	1.5	ANNUAL	PAREA6	5
605652.2	4122080	0.06	55.67	313.5	1.5	ANNUAL	PAREA6	5
605672.2	4122080	0.06169	55.87	313.5	1.5	ANNUAL	PAREA6	5
605692.2	4122080	0.06342	55.44	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4122080	0.06528	55.65	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4122080	0.06722	55.76	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4122080	0.06924	55.69	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4122080	0.07137	55.78	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4122080	0.07363	55.93	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4122080	0.07599	55.93	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4122080	0.07847	55.94	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4122080	0.08111	56.12	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4122080	0.08389	56.24	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4122080	0.08681	56.21	313.5	1.5	ANNUAL	PAREA6	5

605912.2	4122080	0.08993	56.4	313.5	1.5	ANNUAL	PAREA6	5
605932.2	4122080	0.09323	56.54	313.5	1.5	ANNUAL	PAREA6	5
605952.2	4122080	0.09669	56.52	313.5	1.5	ANNUAL	PAREA6	5
606272.2	4122080	0.1991	58.81	313.5	1.5	ANNUAL	PAREA6	5
606292.2	4122080	0.20984	59.28	313.5	1.5	ANNUAL	PAREA6	5
606312.2	4122080	0.22203	59.33	313.5	1.5	ANNUAL	PAREA6	5
606332.2	4122080	0.23539	59.3	313.49	1.5	ANNUAL	PAREA6	5
606352.2	4122080	0.24956	59.48	313.49	1.5	ANNUAL	PAREA6	5
606572.2	4122080	0.82148	59.94	59.94	1.5	ANNUAL	PAREA6	5
606592.2	4122080	1.07105	59.46	59.46	1.5	ANNUAL	PAREA6	5
606612.2	4122080	1.43815	59.42	59.42	1.5	ANNUAL	PAREA6	5
606632.2	4122080	1.96413	59.57	59.57	1.5	ANNUAL	PAREA6	5
606652.2	4122080	2.67117	59.61	59.61	1.5	ANNUAL	PAREA6	5
606672.2	4122080	3.50938	59.58	59.58	1.5	ANNUAL	PAREA6	5
606692.2	4122080	4.32894	59.74	59.74	1.5	ANNUAL	PAREA6	5
606712.2	4122080	4.99986	59.84	59.84	1.5	ANNUAL	PAREA6	5
606732.2	4122080	5.42266	59.86	59.86	1.5	ANNUAL	PAREA6	5
606752.2	4122080	5.52277	60.33	60.33	1.5	ANNUAL	PAREA6	5
606772.2	4122080	5.42506	60.39	60.39	1.5	ANNUAL	PAREA6	5
606792.2	4122080	5.18707	59.93	59.93	1.5	ANNUAL	PAREA6	5
606812.2	4122080	4.7747	60.46	60.46	1.5	ANNUAL	PAREA6	5
606892.2	4122080	3.0601	60.42	60.42	1.5	ANNUAL	PAREA6	5
606912.2	4122080	2.68923	60.49	60.49	1.5	ANNUAL	PAREA6	5
606932.2	4122080	2.36405	60.24	60.24	1.5	ANNUAL	PAREA6	5
605632.2	4122100	0.06101	55.21	313.49	1.5	ANNUAL	PAREA6	5
605652.2	4122100	0.06279	55.57	313.49	1.5	ANNUAL	PAREA6	5
605672.2	4122100	0.06464	55.76	313.49	1.5	ANNUAL	PAREA6	5
605692.2	4122100	0.06652	55.3	313.5	1.5	ANNUAL	PAREA6	5
605712.2	4122100	0.0686	55.89	313.5	1.5	ANNUAL	PAREA6	5
605732.2	4122100	0.07075	56.15	313.5	1.5	ANNUAL	PAREA6	5
605752.2	4122100	0.07295	55.79	313.5	1.5	ANNUAL	PAREA6	5
605772.2	4122100	0.07531	55.89	313.5	1.5	ANNUAL	PAREA6	5
605792.2	4122100	0.07784	56.3	313.5	1.5	ANNUAL	PAREA6	5
605812.2	4122100	0.08045	56.22	313.5	1.5	ANNUAL	PAREA6	5
605832.2	4122100	0.08319	55.9	313.5	1.5	ANNUAL	PAREA6	5
605852.2	4122100	0.08621	56.57	313.5	1.5	ANNUAL	PAREA6	5
605872.2	4122100	0.08938	57.11	313.5	1.5	ANNUAL	PAREA6	5
605892.2	4122100	0.09261	56.55	313.5	1.5	ANNUAL	PAREA6	5
605912.2	4122100	0.09615	56.81	313.5	1.5	ANNUAL	PAREA6	5
606572.2	4122100	1.04688	59.9	59.9	1.5	ANNUAL	PAREA6	5
606592.2	4122100	1.40493	59.6	59.6	1.5	ANNUAL	PAREA6	5
606612.2	4122100	1.9715	59.76	59.76	1.5	ANNUAL	PAREA6	5
606632.2	4122100	2.85858	59.84	59.84	1.5	ANNUAL	PAREA6	5
606652.2	4122100	4.06947	59.93	59.93	1.5	ANNUAL	PAREA6	5
606672.2	4122100	5.42629	60.02	60.02	1.5	ANNUAL	PAREA6	5
606692.2	4122100	6.61555	60.02	60.02	1.5	ANNUAL	PAREA6	5
606712.2	4122100	7.37398	59.86	59.86	1.5	ANNUAL	PAREA6	5

606852.2	4122100	4.16749	60.08	60.08	1.5	ANNUAL	PAREA6	5
606872.2	4122100	3.60353	60.09	60.09	1.5	ANNUAL	PAREA6	5
606892.2	4122100	3.09701	60.5	60.5	1.5	ANNUAL	PAREA6	5
606912.2	4122100	2.67253	60.39	60.39	1.5	ANNUAL	PAREA6	5
606932.2	4122100	2.31281	60.04	60.04	1.5	ANNUAL	PAREA6	5
605632.2	4122120	0.06372	55.07	313.48	1.5	ANNUAL	PAREA6	5
605652.2	4122120	0.06566	55.54	313.48	1.5	ANNUAL	PAREA6	5
605672.2	4122120	0.06766	55.64	313.48	1.5	ANNUAL	PAREA6	5
605692.2	4122120	0.06972	55.21	313.48	1.5	ANNUAL	PAREA6	5
605712.2	4122120	0.07199	55.84	313.48	1.5	ANNUAL	PAREA6	5
605732.2	4122120	0.07437	56.25	313.48	1.5	ANNUAL	PAREA6	5
605752.2	4122120	0.07678	55.78	313.49	1.5	ANNUAL	PAREA6	5
605772.2	4122120	0.0794	56.01	313.49	1.5	ANNUAL	PAREA6	5
605792.2	4122120	0.08219	56.41	313.48	1.5	ANNUAL	PAREA6	5
605812.2	4122120	0.08508	56.21	313.49	1.5	ANNUAL	PAREA6	5
605832.2	4122120	0.08813	56.07	313.49	1.5	ANNUAL	PAREA6	5
605852.2	4122120	0.09148	56.68	313.49	1.5	ANNUAL	PAREA6	5
605872.2	4122120	0.09501	57.19	313.48	1.5	ANNUAL	PAREA6	5
605992.2	4122120	0.12121	56.39	313.5	1.5	ANNUAL	PAREA6	5
606012.2	4122120	0.12677	56.49	313.5	1.5	ANNUAL	PAREA6	5
606032.2	4122120	0.13272	56.49	313.5	1.5	ANNUAL	PAREA6	5
606052.2	4122120	0.13915	56.56	313.5	1.5	ANNUAL	PAREA6	5
606512.2	4122120	0.76709	59.65	59.65	1.5	ANNUAL	PAREA6	5
606532.2	4122120	0.8941	59.75	59.75	1.5	ANNUAL	PAREA6	5
606552.2	4122120	1.08243	59.79	59.79	1.5	ANNUAL	PAREA6	5
606572.2	4122120	1.38853	59.76	59.76	1.5	ANNUAL	PAREA6	5
606592.2	4122120	1.93024	59.62	59.62	1.5	ANNUAL	PAREA6	5
606772.2	4122120	8.11843	59.99	59.99	1.5	ANNUAL	PAREA6	5
606792.2	4122120	6.98536	59.97	59.97	1.5	ANNUAL	PAREA6	5
606812.2	4122120	5.95152	59.86	59.86	1.5	ANNUAL	PAREA6	5
606852.2	4122120	4.24097	60.05	60.05	1.5	ANNUAL	PAREA6	5
606872.2	4122120	3.57937	60.04	60.04	1.5	ANNUAL	PAREA6	5
606892.2	4122120	3.01935	60.26	60.26	1.5	ANNUAL	PAREA6	5
606912.2	4122120	2.56247	60.16	60.16	1.5	ANNUAL	PAREA6	5
605632.2	4122140	0.06651	55.08	312.88	1.5	ANNUAL	PAREA6	5
605652.2	4122140	0.06861	55.55	312.88	1.5	ANNUAL	PAREA6	5
605672.2	4122140	0.07076	55.41	313.48	1.5	ANNUAL	PAREA6	5
605692.2	4122140	0.07302	55.22	313.48	1.5	ANNUAL	PAREA6	5
605712.2	4122140	0.07549	55.78	313.48	1.5	ANNUAL	PAREA6	5
605732.2	4122140	0.07809	56.21	312.88	1.5	ANNUAL	PAREA6	5
605752.2	4122140	0.08072	55.7	313.48	1.5	ANNUAL	PAREA6	5
605772.2	4122140	0.08363	56.11	313.48	1.5	ANNUAL	PAREA6	5
605792.2	4122140	0.0867	56.46	313.48	1.5	ANNUAL	PAREA6	5
605812.2	4122140	0.08987	56.13	313.48	1.5	ANNUAL	PAREA6	5
605832.2	4122140	0.0933	56.24	313.48	1.5	ANNUAL	PAREA6	5
605852.2	4122140	0.097	56.73	313.48	1.5	ANNUAL	PAREA6	5
605932.2	4122140	0.11408	56.22	313.48	1.5	ANNUAL	PAREA6	5

605952.2	4122140	0.11913	56.11	313.48	1.5	ANNUAL	PAREA6	5
605972.2	4122140	0.12462	56.35	313.48	1.5	ANNUAL	PAREA6	5
605992.2	4122140	0.13048	56.34	313.48	1.5	ANNUAL	PAREA6	5
606012.2	4122140	0.1368	56.31	313.48	1.5	ANNUAL	PAREA6	5
606032.2	4122140	0.14364	56.32	313.48	1.5	ANNUAL	PAREA6	5
606052.2	4122140	0.15105	56.32	313.48	1.5	ANNUAL	PAREA6	5
606072.2	4122140	0.15915	56.51	313.48	1.5	ANNUAL	PAREA6	5
606132.2	4122140	0.18828	58.06	58.06	1.5	ANNUAL	PAREA6	5
606152.2	4122140	0.19979	58.04	58.04	1.5	ANNUAL	PAREA6	5
606172.2	4122140	0.21245	58.19	58.19	1.5	ANNUAL	PAREA6	5
606652.2	4122140	13.09088	59.84	59.84	1.5	ANNUAL	PAREA6	5
606672.2	4122140	16.23264	59.96	59.96	1.5	ANNUAL	PAREA6	5
606712.2	4122140	15.14944	60.03	60.03	1.5	ANNUAL	PAREA6	5
606732.2	4122140	13.05361	60.04	60.04	1.5	ANNUAL	PAREA6	5
606752.2	4122140	10.94584	59.97	59.97	1.5	ANNUAL	PAREA6	5
606772.2	4122140	9.03473	60.02	60.02	1.5	ANNUAL	PAREA6	5
606792.2	4122140	7.41497	60.03	60.03	1.5	ANNUAL	PAREA6	5
606812.2	4122140	6.1	59.68	59.68	1.5	ANNUAL	PAREA6	5
606832.2	4122140	4.98325	60.06	60.06	1.5	ANNUAL	PAREA6	5
606852.2	4122140	4.10828	59.93	59.93	1.5	ANNUAL	PAREA6	5
605632.2	4122160	0.0694	55.27	292.97	1.5	ANNUAL	PAREA6	5
605652.2	4122160	0.07166	55.59	292.97	1.5	ANNUAL	PAREA6	5
605672.2	4122160	0.074	55.4	292.97	1.5	ANNUAL	PAREA6	5
605692.2	4122160	0.07648	55.38	292.97	1.5	ANNUAL	PAREA6	5
605712.2	4122160	0.07916	55.91	292.97	1.5	ANNUAL	PAREA6	5
605732.2	4122160	0.08194	56.02	292.97	1.5	ANNUAL	PAREA6	5
605752.2	4122160	0.08483	55.6	292.97	1.5	ANNUAL	PAREA6	5
605772.2	4122160	0.08803	56.19	292.97	1.5	ANNUAL	PAREA6	5
605792.2	4122160	0.09138	56.42	292.97	1.5	ANNUAL	PAREA6	5
605812.2	4122160	0.09485	55.93	292.97	1.5	ANNUAL	PAREA6	5
605832.2	4122160	0.09866	56.28	292.97	1.5	ANNUAL	PAREA6	5
605912.2	4122160	0.11653	56.36	292.97	1.5	ANNUAL	PAREA6	5
605932.2	4122160	0.12182	56.3	292.97	1.5	ANNUAL	PAREA6	5
605952.2	4122160	0.12749	56.12	292.97	1.5	ANNUAL	PAREA6	5
605972.2	4122160	0.13365	56.11	292.97	1.5	ANNUAL	PAREA6	5
605992.2	4122160	0.14033	56.22	292.97	1.5	ANNUAL	PAREA6	5
606012.2	4122160	0.14752	56.15	56.15	1.5	ANNUAL	PAREA6	5
606032.2	4122160	0.15534	56.14	56.14	1.5	ANNUAL	PAREA6	5
606052.2	4122160	0.16387	56.19	56.19	1.5	ANNUAL	PAREA6	5
606072.2	4122160	0.17326	56.49	56.49	1.5	ANNUAL	PAREA6	5
606132.2	4122160	0.20737	58.03	58.03	1.5	ANNUAL	PAREA6	5
606152.2	4122160	0.22102	58.1	58.1	1.5	ANNUAL	PAREA6	5
606172.2	4122160	0.23611	58.22	58.22	1.5	ANNUAL	PAREA6	5
606512.2	4122160	1.43287	59.43	59.43	1.5	ANNUAL	PAREA6	5
606532.2	4122160	1.74699	59.61	59.61	1.5	ANNUAL	PAREA6	5
606552.2	4122160	2.22049	59.57	59.57	1.5	ANNUAL	PAREA6	5
606652.2	4122160	27.29765	59.85	59.85	1.5	ANNUAL	PAREA6	5

606672.2	4122160	27.97064	59.88	59.88	1.5	ANNUAL	PAREA6	5
606712.2	4122160	19.10986	60	60	1.5	ANNUAL	PAREA6	5
606732.2	4122160	15.06684	60	60	1.5	ANNUAL	PAREA6	5
606752.2	4122160	11.83387	59.96	59.96	1.5	ANNUAL	PAREA6	5
606772.2	4122160	9.3037	59.93	59.93	1.5	ANNUAL	PAREA6	5
606792.2	4122160	7.34832	59.88	59.88	1.5	ANNUAL	PAREA6	5
606872.2	4122160	3.08618	59.74	59.74	1.5	ANNUAL	PAREA6	5
606892.2	4122160	2.54014	59.78	59.78	1.5	ANNUAL	PAREA6	5
606912.2	4122160	2.10814	59.92	59.92	1.5	ANNUAL	PAREA6	5
605632.2	4122180	0.07237	55.2	292.97	1.5	ANNUAL	PAREA6	5
605652.2	4122180	0.0748	55.38	292.97	1.5	ANNUAL	PAREA6	5
605672.2	4122180	0.07732	55.24	292.97	1.5	ANNUAL	PAREA6	5
605692.2	4122180	0.08003	55.35	292.97	1.5	ANNUAL	PAREA6	5
605712.2	4122180	0.08292	55.68	292.97	1.5	ANNUAL	PAREA6	5
605732.2	4122180	0.08595	55.8	292.97	1.5	ANNUAL	PAREA6	5
605752.2	4122180	0.08913	55.52	292.97	1.5	ANNUAL	PAREA6	5
605772.2	4122180	0.09262	56.14	292.97	1.5	ANNUAL	PAREA6	5
605792.2	4122180	0.09626	56.17	292.97	1.5	ANNUAL	PAREA6	5
605812.2	4122180	0.10008	55.81	292.97	1.5	ANNUAL	PAREA6	5
605832.2	4122180	0.10431	56.34	292.97	1.5	ANNUAL	PAREA6	5
605892.2	4122180	0.11863	56.39	292.97	1.5	ANNUAL	PAREA6	5
605912.2	4122180	0.12413	56.41	292.97	1.5	ANNUAL	PAREA6	5
605932.2	4122180	0.13001	56.21	292.97	1.5	ANNUAL	PAREA6	5
605952.2	4122180	0.13643	56.29	292.97	1.5	ANNUAL	PAREA6	5
605972.2	4122180	0.14339	56.37	56.37	1.5	ANNUAL	PAREA6	5
605992.2	4122180	0.1509	56.33	56.33	1.5	ANNUAL	PAREA6	5
606012.2	4122180	0.15905	56.21	56.21	1.5	ANNUAL	PAREA6	5
606032.2	4122180	0.16798	56.22	56.22	1.5	ANNUAL	PAREA6	5
606052.2	4122180	0.17774	56.22	56.22	1.5	ANNUAL	PAREA6	5
606132.2	4122180	0.22831	58.08	58.08	1.5	ANNUAL	PAREA6	5
606152.2	4122180	0.24442	58.13	58.13	1.5	ANNUAL	PAREA6	5
606172.2	4122180	0.26238	58.22	58.22	1.5	ANNUAL	PAREA6	5
606332.2	4122180	0.5286	58.8	58.8	1.5	ANNUAL	PAREA6	5
606352.2	4122180	0.59419	57.63	59.63	1.5	ANNUAL	PAREA6	5
606672.2	4122180	39.13026	59.68	59.68	1.5	ANNUAL	PAREA6	5
606712.2	4122180	21.01805	59.93	59.93	1.5	ANNUAL	PAREA6	5
606812.2	4122180	5.26173	59.66	59.66	1.5	ANNUAL	PAREA6	5
606832.2	4122180	4.14339	59.71	59.71	1.5	ANNUAL	PAREA6	5
606852.2	4122180	3.30477	59.84	59.84	1.5	ANNUAL	PAREA6	5
606872.2	4122180	2.67485	59.88	59.88	1.5	ANNUAL	PAREA6	5
606892.2	4122180	2.19328	59.9	59.9	1.5	ANNUAL	PAREA6	5
606912.2	4122180	1.8195	59.94	59.94	1.5	ANNUAL	PAREA6	5
605872.2	4122200	0.12035	56.28	292.97	1.5	ANNUAL	PAREA6	5
605892.2	4122200	0.12605	56.46	292.97	1.5	ANNUAL	PAREA6	5
605912.2	4122200	0.13213	56.3	56.3	1.5	ANNUAL	PAREA6	5
605932.2	4122200	0.13872	56.19	56.19	1.5	ANNUAL	PAREA6	5
605952.2	4122200	0.1459	56.27	56.27	1.5	ANNUAL	PAREA6	5

605972.2	4122200	0.1537	56.31	56.31	1.5	ANNUAL	PAREA6	5
605992.2	4122200	0.16216	56.25	56.25	1.5	ANNUAL	PAREA6	5
606012.2	4122200	0.1714	56.2	56.2	1.5	ANNUAL	PAREA6	5
606032.2	4122200	0.18156	56.22	56.22	1.5	ANNUAL	PAREA6	5
606052.2	4122200	0.19274	56.26	56.26	1.5	ANNUAL	PAREA6	5
606072.2	4122200	0.20514	56.49	56.49	1.5	ANNUAL	PAREA6	5
606132.2	4122200	0.25134	57.98	57.98	1.5	ANNUAL	PAREA6	5
606152.2	4122200	0.27032	58.09	58.09	1.5	ANNUAL	PAREA6	5
606172.2	4122200	0.29166	58.17	58.17	1.5	ANNUAL	PAREA6	5
606332.2	4122200	0.62875	57.98	57.98	1.5	ANNUAL	PAREA6	5
606352.2	4122200	0.71096	57.32	57.32	1.5	ANNUAL	PAREA6	5
606672.2	4122200	42.85189	59.39	59.39	1.5	ANNUAL	PAREA6	5
606752.2	4122200	10.43673	59.75	59.75	1.5	ANNUAL	PAREA6	5
606772.2	4122200	7.68546	59.74	59.74	1.5	ANNUAL	PAREA6	5
606792.2	4122200	5.77117	59.84	59.84	1.5	ANNUAL	PAREA6	5
606812.2	4122200	4.43207	59.84	59.84	1.5	ANNUAL	PAREA6	5
606832.2	4122200	3.47052	59.84	59.84	1.5	ANNUAL	PAREA6	5
606852.2	4122200	2.76459	59.89	59.89	1.5	ANNUAL	PAREA6	5
606872.2	4122200	2.23864	59.94	59.94	1.5	ANNUAL	PAREA6	5
606892.2	4122200	1.84403	59.84	59.84	1.5	ANNUAL	PAREA6	5
605872.2	4122220	0.12767	56.62	56.62	1.5	ANNUAL	PAREA6	5
605892.2	4122220	0.13389	56.43	56.43	1.5	ANNUAL	PAREA6	5
605912.2	4122220	0.14064	56.32	56.32	1.5	ANNUAL	PAREA6	5
605932.2	4122220	0.148	56.33	56.33	1.5	ANNUAL	PAREA6	5
605952.2	4122220	0.15599	56.25	56.25	1.5	ANNUAL	PAREA6	5
605972.2	4122220	0.16475	56.31	56.31	1.5	ANNUAL	PAREA6	5
605992.2	4122220	0.17428	56.27	56.27	1.5	ANNUAL	PAREA6	5
606012.2	4122220	0.18473	56.21	56.21	1.5	ANNUAL	PAREA6	5
606032.2	4122220	0.19626	56.24	56.24	1.5	ANNUAL	PAREA6	5
606052.2	4122220	0.20902	56.33	56.33	1.5	ANNUAL	PAREA6	5
606132.2	4122220	0.27674	58.08	58.08	1.5	ANNUAL	PAREA6	5
606152.2	4122220	0.29901	58.18	58.18	1.5	ANNUAL	PAREA6	5
606172.2	4122220	0.32416	58.24	58.24	1.5	ANNUAL	PAREA6	5
606292.2	4122220	0.58234	58.14	58.14	1.5	ANNUAL	PAREA6	5
606712.2	4122220	17.76258	59.83	59.83	1.5	ANNUAL	PAREA6	5
606732.2	4122220	12.0794	59.87	59.87	1.5	ANNUAL	PAREA6	5
606752.2	4122220	8.48031	59.94	59.94	1.5	ANNUAL	PAREA6	5
606772.2	4122220	6.1669	59.88	59.88	1.5	ANNUAL	PAREA6	5
606792.2	4122220	4.61803	59.85	59.85	1.5	ANNUAL	PAREA6	5
606812.2	4122220	3.54813	59.87	59.87	1.5	ANNUAL	PAREA6	5
605872.2	4122240	0.1354	56.67	56.67	1.5	ANNUAL	PAREA6	5
605892.2	4122240	0.14229	56.56	56.56	1.5	ANNUAL	PAREA6	5
605912.2	4122240	0.14978	56.42	56.42	1.5	ANNUAL	PAREA6	5
605932.2	4122240	0.15798	56.53	56.53	1.5	ANNUAL	PAREA6	5
605952.2	4122240	0.16691	56.55	56.55	1.5	ANNUAL	PAREA6	5
605972.2	4122240	0.17669	56.56	56.56	1.5	ANNUAL	PAREA6	5
605992.2	4122240	0.18742	56.53	56.53	1.5	ANNUAL	PAREA6	5

606012.2	4122240	0.19924	56.52	56.52	1.5	ANNUAL	PAREA6	5
606032.2	4122240	0.21229	56.51	56.51	1.5	ANNUAL	PAREA6	5
606052.2	4122240	0.2268	56.55	56.55	1.5	ANNUAL	PAREA6	5
606132.2	4122240	0.30482	58.09	58.09	1.5	ANNUAL	PAREA6	5
606152.2	4122240	0.33079	58.24	58.24	1.5	ANNUAL	PAREA6	5
606192.2	4122240	0.39489	58.15	58.15	1.5	ANNUAL	PAREA6	5
606292.2	4122240	0.67551	58.3	58.3	1.5	ANNUAL	PAREA6	5
606312.2	4122240	0.76817	58.39	58.39	1.5	ANNUAL	PAREA6	5
606332.2	4122240	0.88192	58.48	58.48	1.5	ANNUAL	PAREA6	5
606352.2	4122240	1.02436	58.51	58.51	1.5	ANNUAL	PAREA6	5
606392.2	4122240	1.43055	59.07	59.07	1.5	ANNUAL	PAREA6	5
606412.2	4122240	1.73897	59.06	59.06	1.5	ANNUAL	PAREA6	5
606452.2	4122240	2.74569	59.25	59.25	1.5	ANNUAL	PAREA6	5
606472.2	4122240	3.60553	59.43	59.43	1.5	ANNUAL	PAREA6	5
606712.2	4122240	13.5833	59.9	59.9	1.5	ANNUAL	PAREA6	5
606732.2	4122240	9.04729	59.92	59.92	1.5	ANNUAL	PAREA6	5
606752.2	4122240	6.34414	59.88	59.88	1.5	ANNUAL	PAREA6	5
605852.2	4122260	0.13665	57.05	57.05	1.5	ANNUAL	PAREA6	5
605872.2	4122260	0.1437	57.21	57.21	1.5	ANNUAL	PAREA6	5
605892.2	4122260	0.15136	57.32	57.32	1.5	ANNUAL	PAREA6	5
605912.2	4122260	0.15971	57.38	57.38	1.5	ANNUAL	PAREA6	5
605932.2	4122260	0.16884	57.5	57.5	1.5	ANNUAL	PAREA6	5
605952.2	4122260	0.17882	57.52	57.52	1.5	ANNUAL	PAREA6	5
605972.2	4122260	0.1898	57.67	57.67	1.5	ANNUAL	PAREA6	5
605992.2	4122260	0.20188	57.72	57.72	1.5	ANNUAL	PAREA6	5
606012.2	4122260	0.21523	57.69	57.69	1.5	ANNUAL	PAREA6	5
606032.2	4122260	0.23005	57.73	57.73	1.5	ANNUAL	PAREA6	5
606052.2	4122260	0.24656	57.78	57.78	1.5	ANNUAL	PAREA6	5
606132.2	4122260	0.33587	57.6	57.6	1.5	ANNUAL	PAREA6	5
606152.2	4122260	0.36636	58.06	58.06	1.5	ANNUAL	PAREA6	5
606172.2	4122260	0.4013	58.21	58.21	1.5	ANNUAL	PAREA6	5
606192.2	4122260	0.44186	58.18	58.18	1.5	ANNUAL	PAREA6	5
606212.2	4122260	0.48911	58.08	58.08	1.5	ANNUAL	PAREA6	5
606292.2	4122260	0.78463	58.24	58.24	1.5	ANNUAL	PAREA6	5
606312.2	4122260	0.9001	58.44	58.44	1.5	ANNUAL	PAREA6	5
606332.2	4122260	1.04374	58.62	58.62	1.5	ANNUAL	PAREA6	5
606352.2	4122260	1.22535	58.77	58.77	1.5	ANNUAL	PAREA6	5
606392.2	4122260	1.75901	59.36	59.36	1.5	ANNUAL	PAREA6	5
606412.2	4122260	2.169	59.46	59.46	1.5	ANNUAL	PAREA6	5
606452.2	4122260	3.53282	59.75	59.75	1.5	ANNUAL	PAREA6	5
606472.2	4122260	4.71182	59.81	59.81	1.5	ANNUAL	PAREA6	5
606712.2	4122260	9.10118	59.71	59.71	1.5	ANNUAL	PAREA6	5
605852.2	4122280	0.14474	57.17	57.17	1.5	ANNUAL	PAREA6	5
605872.2	4122280	0.15239	58.52	58.52	1.5	ANNUAL	PAREA6	5
605892.2	4122280	0.16058	58.94	58.94	1.5	ANNUAL	PAREA6	5
605912.2	4122280	0.17014	58.28	59.19	1.5	ANNUAL	PAREA6	5
605932.2	4122280	0.18028	57.6	57.6	1.5	ANNUAL	PAREA6	5

605952.2	4122280	0.19137	57.58	57.58	1.5	ANNUAL	PAREA6	5
605972.2	4122280	0.20363	57.77	57.77	1.5	ANNUAL	PAREA6	5
605992.2	4122280	0.21716	57.82	57.82	1.5	ANNUAL	PAREA6	5
606012.2	4122280	0.23218	57.78	57.78	1.5	ANNUAL	PAREA6	5
606032.2	4122280	0.24891	57.81	57.81	1.5	ANNUAL	PAREA6	5
606052.2	4122280	0.26763	58.08	58.08	1.5	ANNUAL	PAREA6	5
606172.2	4122280	0.4467	58.06	58.06	1.5	ANNUAL	PAREA6	5
606192.2	4122280	0.4944	58.2	58.2	1.5	ANNUAL	PAREA6	5
606212.2	4122280	0.5505	58.15	58.15	1.5	ANNUAL	PAREA6	5
606232.2	4122280	0.61684	58.18	58.18	1.5	ANNUAL	PAREA6	5
606292.2	4122280	0.90801	58.3	58.3	1.5	ANNUAL	PAREA6	5
606312.2	4122280	1.05083	58.48	58.48	1.5	ANNUAL	PAREA6	5
606332.2	4122280	1.22973	58.66	58.66	1.5	ANNUAL	PAREA6	5
606352.2	4122280	1.45737	58.83	58.83	1.5	ANNUAL	PAREA6	5
606372.2	4122280	1.74973	59.12	59.12	1.5	ANNUAL	PAREA6	5
606392.2	4122280	2.13458	59.4	59.4	1.5	ANNUAL	PAREA6	5
606412.2	4122280	2.65726	59.45	59.45	1.5	ANNUAL	PAREA6	5
606432.2	4122280	3.37412	59.54	59.54	1.5	ANNUAL	PAREA6	5
606452.2	4122280	4.37541	59.75	59.75	1.5	ANNUAL	PAREA6	5
606472.2	4122280	5.82391	59.79	59.79	1.5	ANNUAL	PAREA6	5
606492.2	4122280	7.96086	59.75	59.75	1.5	ANNUAL	PAREA6	5
606512.2	4122280	11.17324	59.69	59.69	1.5	ANNUAL	PAREA6	5
606532.2	4122280	16.1271	59.51	59.51	1.5	ANNUAL	PAREA6	5
606552.2	4122280	23.98017	59.15	59.15	1.5	ANNUAL	PAREA6	5
606572.2	4122280	36.06316	59.16	59.16	1.5	ANNUAL	PAREA6	5
606892.2	4122280	0.86588	59.51	59.51	1.5	ANNUAL	PAREA6	5
606912.2	4122280	0.75571	59.68	59.68	1.5	ANNUAL	PAREA6	5
605632.2	4122300	0.0931	55.35	55.35	1.5	ANNUAL	PAREA6	5
605652.2	4122300	0.09683	55.4	55.4	1.5	ANNUAL	PAREA6	5
605672.2	4122300	0.10089	55.97	55.97	1.5	ANNUAL	PAREA6	5
605692.2	4122300	0.10515	56.08	56.08	1.5	ANNUAL	PAREA6	5
605852.2	4122300	0.15333	56.96	56.96	1.5	ANNUAL	PAREA6	5
605872.2	4122300	0.16168	58.66	58.66	1.5	ANNUAL	PAREA6	5
605892.2	4122300	0.17024	59.9	59.9	1.5	ANNUAL	PAREA6	5
605912.2	4122300	0.18081	59.11	59.11	1.5	ANNUAL	PAREA6	5
605932.2	4122300	0.19263	57.78	57.78	1.5	ANNUAL	PAREA6	5
605952.2	4122300	0.20494	57.67	57.67	1.5	ANNUAL	PAREA6	5
605972.2	4122300	0.21858	57.77	57.77	1.5	ANNUAL	PAREA6	5
605992.2	4122300	0.23372	57.81	57.81	1.5	ANNUAL	PAREA6	5
606012.2	4122300	0.25059	57.78	57.78	1.5	ANNUAL	PAREA6	5
606032.2	4122300	0.26946	57.79	57.79	1.5	ANNUAL	PAREA6	5
606052.2	4122300	0.29065	57.96	57.96	1.5	ANNUAL	PAREA6	5
606292.2	4122300	1.04452	58.39	58.39	1.5	ANNUAL	PAREA6	5
606312.2	4122300	1.21594	58.65	58.65	1.5	ANNUAL	PAREA6	5
606332.2	4122300	1.4318	58.85	58.85	1.5	ANNUAL	PAREA6	5
606352.2	4122300	1.7087	58.89	58.89	1.5	ANNUAL	PAREA6	5
606392.2	4122300	2.52441	59.48	59.48	1.5	ANNUAL	PAREA6	5

606412.2	4122300	3.14634	59.49	59.49	1.5	ANNUAL	PAREA6	5
606432.2	4122300	3.98	59.68	59.68	1.5	ANNUAL	PAREA6	5
606452.2	4122300	5.12333	59.81	59.81	1.5	ANNUAL	PAREA6	5
606472.2	4122300	6.71893	59.79	59.79	1.5	ANNUAL	PAREA6	5
606492.2	4122300	8.952	59.85	59.85	1.5	ANNUAL	PAREA6	5
606512.2	4122300	12.13311	59.83	59.83	1.5	ANNUAL	PAREA6	5
606832.2	4122300	1.12352	59.44	59.44	1.5	ANNUAL	PAREA6	5
606852.2	4122300	0.96367	59.77	59.77	1.5	ANNUAL	PAREA6	5
606872.2	4122300	0.84023	59.64	59.64	1.5	ANNUAL	PAREA6	5
606892.2	4122300	0.7367	59.72	59.72	1.5	ANNUAL	PAREA6	5
606912.2	4122300	0.65158	59.72	59.72	1.5	ANNUAL	PAREA6	5
605632.2	4122320	0.09723	55.6	55.6	1.5	ANNUAL	PAREA6	5
605652.2	4122320	0.10127	55.89	55.89	1.5	ANNUAL	PAREA6	5
605672.2	4122320	0.1056	56.38	56.38	1.5	ANNUAL	PAREA6	5
605692.2	4122320	0.11017	56.37	56.37	1.5	ANNUAL	PAREA6	5
605772.2	4122320	0.13231	56.92	56.92	1.5	ANNUAL	PAREA6	5
605792.2	4122320	0.13898	56.99	56.99	1.5	ANNUAL	PAREA6	5
605852.2	4122320	0.16265	57.46	59.49	1.5	ANNUAL	PAREA6	5
605872.2	4122320	0.17136	59.31	59.31	1.5	ANNUAL	PAREA6	5
605892.2	4122320	0.18134	59.62	59.62	1.5	ANNUAL	PAREA6	5
605912.2	4122320	0.19256	59.48	59.48	1.5	ANNUAL	PAREA6	5
605932.2	4122320	0.20587	57.87	57.87	1.5	ANNUAL	PAREA6	5
605952.2	4122320	0.21948	57.34	57.34	1.5	ANNUAL	PAREA6	5
605972.2	4122320	0.23476	57.74	57.74	1.5	ANNUAL	PAREA6	5
605992.2	4122320	0.25166	57.8	57.8	1.5	ANNUAL	PAREA6	5
606012.2	4122320	0.27056	57.84	57.84	1.5	ANNUAL	PAREA6	5
606032.2	4122320	0.29177	57.86	57.86	1.5	ANNUAL	PAREA6	5
606392.2	4122320	2.89064	59.48	59.48	1.5	ANNUAL	PAREA6	5
606412.2	4122320	3.57648	59.52	59.52	1.5	ANNUAL	PAREA6	5
606432.2	4122320	4.47744	59.54	59.54	1.5	ANNUAL	PAREA6	5
606452.2	4122320	5.64871	59.91	59.91	1.5	ANNUAL	PAREA6	5
606472.2	4122320	7.2259	59.8	59.8	1.5	ANNUAL	PAREA6	5
606752.2	4122320	1.80732	59.61	59.61	1.5	ANNUAL	PAREA6	5
606772.2	4122320	1.49758	59.89	59.89	1.5	ANNUAL	PAREA6	5
606792.2	4122320	1.26635	59.89	59.89	1.5	ANNUAL	PAREA6	5
606812.2	4122320	1.08614	59.77	59.77	1.5	ANNUAL	PAREA6	5
606832.2	4122320	0.94025	59.72	59.72	1.5	ANNUAL	PAREA6	5
606852.2	4122320	0.81895	59.89	59.89	1.5	ANNUAL	PAREA6	5
606872.2	4122320	0.72241	59.69	59.69	1.5	ANNUAL	PAREA6	5
606892.2	4122320	0.64026	59.69	59.69	1.5	ANNUAL	PAREA6	5
606912.2	4122320	0.57126	59.68	59.68	1.5	ANNUAL	PAREA6	5
605632.2	4122340	0.1016	56.01	56.01	1.5	ANNUAL	PAREA6	5
605652.2	4122340	0.10588	55.94	55.94	1.5	ANNUAL	PAREA6	5
605672.2	4122340	0.11051	56.2	56.2	1.5	ANNUAL	PAREA6	5
605692.2	4122340	0.11545	56.23	56.23	1.5	ANNUAL	PAREA6	5
605712.2	4122340	0.12079	56.38	56.38	1.5	ANNUAL	PAREA6	5
605732.2	4122340	0.12664	57.25	57.25	1.5	ANNUAL	PAREA6	5

605752.2	4122340	0.13278	58.37	58.37	1.5	ANNUAL	PAREA6	5
605772.2	4122340	0.13947	58.35	58.8	1.5	ANNUAL	PAREA6	5
605792.2	4122340	0.14661	58.55	58.55	1.5	ANNUAL	PAREA6	5
605812.2	4122340	0.15462	58.25	59.98	1.5	ANNUAL	PAREA6	5
605832.2	4122340	0.16323	58.07	59.98	1.5	ANNUAL	PAREA6	5
605852.2	4122340	0.17238	58.53	58.53	1.5	ANNUAL	PAREA6	5
605872.2	4122340	0.18196	59.58	59.58	1.5	ANNUAL	PAREA6	5
605892.2	4122340	0.19312	59.57	59.57	1.5	ANNUAL	PAREA6	5
605912.2	4122340	0.20537	59.66	59.66	1.5	ANNUAL	PAREA6	5
605932.2	4122340	0.22	58.34	59	1.5	ANNUAL	PAREA6	5
605952.2	4122340	0.2353	57.77	57.77	1.5	ANNUAL	PAREA6	5
605972.2	4122340	0.2522	57.8	57.8	1.5	ANNUAL	PAREA6	5
606692.2	4122340	2.81884	59.65	59.65	1.5	ANNUAL	PAREA6	5
606712.2	4122340	2.19407	59.94	59.94	1.5	ANNUAL	PAREA6	5
606732.2	4122340	1.77066	60.06	60.06	1.5	ANNUAL	PAREA6	5
606752.2	4122340	1.47286	59.81	59.81	1.5	ANNUAL	PAREA6	5
606772.2	4122340	1.24259	59.86	59.86	1.5	ANNUAL	PAREA6	5
606792.2	4122340	1.06666	59.69	59.69	1.5	ANNUAL	PAREA6	5
606812.2	4122340	0.92399	59.69	59.69	1.5	ANNUAL	PAREA6	5
606832.2	4122340	0.80904	59.57	59.57	1.5	ANNUAL	PAREA6	5
606852.2	4122340	0.71212	59.67	59.67	1.5	ANNUAL	PAREA6	5
606872.2	4122340	0.63112	59.8	59.8	1.5	ANNUAL	PAREA6	5
606892.2	4122340	0.56477	59.63	59.63	1.5	ANNUAL	PAREA6	5
606912.2	4122340	0.50725	59.66	59.66	1.5	ANNUAL	PAREA6	5
605632.2	4122360	0.10615	55.97	55.97	1.5	ANNUAL	PAREA6	5
605652.2	4122360	0.11075	55.94	55.94	1.5	ANNUAL	PAREA6	5
605672.2	4122360	0.11576	56.31	56.31	1.5	ANNUAL	PAREA6	5
605692.2	4122360	0.1211	56.4	56.4	1.5	ANNUAL	PAREA6	5
605712.2	4122360	0.12686	56.57	56.57	1.5	ANNUAL	PAREA6	5
605732.2	4122360	0.13314	57.31	57.31	1.5	ANNUAL	PAREA6	5
605752.2	4122360	0.13961	58.82	58.82	1.5	ANNUAL	PAREA6	5
605772.2	4122360	0.14644	59.8	59.8	1.5	ANNUAL	PAREA6	5
605792.2	4122360	0.15432	59.68	59.68	1.5	ANNUAL	PAREA6	5
605812.2	4122360	0.16264	60.07	60.07	1.5	ANNUAL	PAREA6	5
605832.2	4122360	0.17205	59.81	59.81	1.5	ANNUAL	PAREA6	5
605852.2	4122360	0.18239	59.43	59.43	1.5	ANNUAL	PAREA6	5
605872.2	4122360	0.19346	59.58	59.58	1.5	ANNUAL	PAREA6	5
605892.2	4122360	0.20572	59.6	59.6	1.5	ANNUAL	PAREA6	5
605912.2	4122360	0.21906	59.85	59.85	1.5	ANNUAL	PAREA6	5
605952.2	4122360	0.25221	57.6	57.6	1.5	ANNUAL	PAREA6	5
606632.2	4122360	5.5299	59.49	59.49	1.5	ANNUAL	PAREA6	5
606652.2	4122360	4.00273	59.85	59.85	1.5	ANNUAL	PAREA6	5
606672.2	4122360	2.96767	59.95	59.95	1.5	ANNUAL	PAREA6	5
606692.2	4122360	2.27632	60.03	60.03	1.5	ANNUAL	PAREA6	5
606712.2	4122360	1.81558	59.74	59.74	1.5	ANNUAL	PAREA6	5
606732.2	4122360	1.48092	59.9	59.9	1.5	ANNUAL	PAREA6	5
606772.2	4122360	1.05922	59.67	59.67	1.5	ANNUAL	PAREA6	5

606792.2	4122360	0.91656	59.56	59.56	1.5	ANNUAL	PAREA6	5
606812.2	4122360	0.80122	59.52	59.52	1.5	ANNUAL	PAREA6	5
606832.2	4122360	0.7051	59.67	59.67	1.5	ANNUAL	PAREA6	5
606852.2	4122360	0.62751	59.47	59.47	1.5	ANNUAL	PAREA6	5
606872.2	4122360	0.559	59.8	59.8	1.5	ANNUAL	PAREA6	5
606892.2	4122360	0.50372	59.57	59.57	1.5	ANNUAL	PAREA6	5
606912.2	4122360	0.45574	59.46	59.46	1.5	ANNUAL	PAREA6	5
605632.2	4122380	0.11101	56.18	56.18	1.5	ANNUAL	PAREA6	5
605652.2	4122380	0.11596	56.08	56.08	1.5	ANNUAL	PAREA6	5
605672.2	4122380	0.12134	56.46	56.46	1.5	ANNUAL	PAREA6	5
605692.2	4122380	0.1271	56.65	56.65	1.5	ANNUAL	PAREA6	5
605712.2	4122380	0.13327	56.74	56.74	1.5	ANNUAL	PAREA6	5
605732.2	4122380	0.14006	57.49	57.49	1.5	ANNUAL	PAREA6	5
605752.2	4122380	0.14698	59.04	59.04	1.5	ANNUAL	PAREA6	5
605772.2	4122380	0.15458	59.6	59.6	1.5	ANNUAL	PAREA6	5
605792.2	4122380	0.16299	59.77	59.77	1.5	ANNUAL	PAREA6	5
605812.2	4122380	0.17212	60.03	60.03	1.5	ANNUAL	PAREA6	5
605832.2	4122380	0.18243	59.64	59.64	1.5	ANNUAL	PAREA6	5
605852.2	4122380	0.19357	59.58	59.58	1.5	ANNUAL	PAREA6	5
605872.2	4122380	0.20576	59.63	59.63	1.5	ANNUAL	PAREA6	5
605892.2	4122380	0.2192	59.6	59.6	1.5	ANNUAL	PAREA6	5
605912.2	4122380	0.23405	59.63	59.63	1.5	ANNUAL	PAREA6	5
606572.2	4122380	7.06043	59.59	59.59	1.5	ANNUAL	PAREA6	5
606592.2	4122380	6.28665	59.66	59.66	1.5	ANNUAL	PAREA6	5
606612.2	4122380	5.25133	59.72	59.72	1.5	ANNUAL	PAREA6	5
606632.2	4122380	4.12861	59.71	59.71	1.5	ANNUAL	PAREA6	5
606652.2	4122380	3.15118	59.87	59.87	1.5	ANNUAL	PAREA6	5
606752.2	4122380	1.07257	59.59	59.59	1.5	ANNUAL	PAREA6	5
606772.2	4122380	0.91675	59.83	59.83	1.5	ANNUAL	PAREA6	5
606792.2	4122380	0.79675	59.87	59.87	1.5	ANNUAL	PAREA6	5
606812.2	4122380	0.70245	59.63	59.63	1.5	ANNUAL	PAREA6	5
606832.2	4122380	0.6236	59.56	59.56	1.5	ANNUAL	PAREA6	5
606852.2	4122380	0.55806	59.41	59.41	1.5	ANNUAL	PAREA6	5
606872.2	4122380	0.50131	59.5	59.5	1.5	ANNUAL	PAREA6	5
606892.2	4122380	0.45273	59.62	59.62	1.5	ANNUAL	PAREA6	5
605632.2	4122400	0.11614	56.24	56.24	1.5	ANNUAL	PAREA6	5
605652.2	4122400	0.12143	56.1	56.1	1.5	ANNUAL	PAREA6	5
605672.2	4122400	0.12722	56.5	56.5	1.5	ANNUAL	PAREA6	5
605692.2	4122400	0.1334	56.64	56.64	1.5	ANNUAL	PAREA6	5
605712.2	4122400	0.14007	56.76	56.76	1.5	ANNUAL	PAREA6	5
605732.2	4122400	0.14744	57.59	57.59	1.5	ANNUAL	PAREA6	5
605752.2	4122400	0.15482	59.26	59.26	1.5	ANNUAL	PAREA6	5
605772.2	4122400	0.16313	59.6	59.6	1.5	ANNUAL	PAREA6	5
605792.2	4122400	0.17235	59.59	59.59	1.5	ANNUAL	PAREA6	5
605812.2	4122400	0.18244	59.6	59.6	1.5	ANNUAL	PAREA6	5
605832.2	4122400	0.19347	59.57	59.57	1.5	ANNUAL	PAREA6	5
605852.2	4122400	0.20558	59.56	59.56	1.5	ANNUAL	PAREA6	5

605872.2	4122400	0.21865	59.88	59.88	1.5	ANNUAL	PAREA6	5
605892.2	4122400	0.23362	59.55	59.55	1.5	ANNUAL	PAREA6	5
605912.2	4122400	0.25052	58.79	59.2	1.5	ANNUAL	PAREA6	5
605932.2	4122400	0.26915	57.36	57.36	1.5	ANNUAL	PAREA6	5
606512.2	4122400	5.84308	59.59	59.59	1.5	ANNUAL	PAREA6	5
606532.2	4122400	5.82055	59.68	59.68	1.5	ANNUAL	PAREA6	5
606552.2	4122400	5.59483	59.7	59.7	1.5	ANNUAL	PAREA6	5
606572.2	4122400	5.19678	59.71	59.71	1.5	ANNUAL	PAREA6	5
606592.2	4122400	4.64719	59.71	59.71	1.5	ANNUAL	PAREA6	5
606692.2	4122400	1.63233	59.69	59.69	1.5	ANNUAL	PAREA6	5
606712.2	4122400	1.33178	59.86	59.86	1.5	ANNUAL	PAREA6	5
606732.2	4122400	1.10821	59.87	59.87	1.5	ANNUAL	PAREA6	5
606752.2	4122400	0.94004	59.74	59.74	1.5	ANNUAL	PAREA6	5
606772.2	4122400	0.80837	59.83	59.83	1.5	ANNUAL	PAREA6	5
606792.2	4122400	0.70478	59.95	59.95	1.5	ANNUAL	PAREA6	5
606812.2	4122400	0.62408	59.68	59.68	1.5	ANNUAL	PAREA6	5
606832.2	4122400	0.55642	59.63	59.63	1.5	ANNUAL	PAREA6	5
605632.2	4122420	0.12155	56.36	56.36	1.5	ANNUAL	PAREA6	5
605652.2	4122420	0.12727	56.42	56.42	1.5	ANNUAL	PAREA6	5
605672.2	4122420	0.13346	56.71	56.71	1.5	ANNUAL	PAREA6	5
605692.2	4122420	0.1401	56.78	56.78	1.5	ANNUAL	PAREA6	5
605712.2	4122420	0.14732	56.82	56.82	1.5	ANNUAL	PAREA6	5
605732.2	4122420	0.15521	57.47	57.47	1.5	ANNUAL	PAREA6	5
605752.2	4122420	0.1632	59.24	59.24	1.5	ANNUAL	PAREA6	5
605772.2	4122420	0.1722	59.59	59.59	1.5	ANNUAL	PAREA6	5
605792.2	4122420	0.18222	59.56	59.56	1.5	ANNUAL	PAREA6	5
605812.2	4122420	0.19315	59.53	59.53	1.5	ANNUAL	PAREA6	5
605832.2	4122420	0.20522	59.36	59.36	1.5	ANNUAL	PAREA6	5
605852.2	4122420	0.2185	59.19	59.19	1.5	ANNUAL	PAREA6	5
605872.2	4122420	0.23351	58.56	59.97	1.5	ANNUAL	PAREA6	5
605892.2	4122420	0.24987	58.02	59.56	1.5	ANNUAL	PAREA6	5
605912.2	4122420	0.26762	57.26	57.26	1.5	ANNUAL	PAREA6	5
606452.2	4122420	4.25886	59.4	59.4	1.5	ANNUAL	PAREA6	5
606472.2	4122420	4.49844	59.54	59.54	1.5	ANNUAL	PAREA6	5
606492.2	4122420	4.63533	59.67	59.67	1.5	ANNUAL	PAREA6	5
606512.2	4122420	4.64963	59.69	59.69	1.5	ANNUAL	PAREA6	5
606532.2	4122420	4.55171	59.29	59.29	1.5	ANNUAL	PAREA6	5
606552.2	4122420	4.31129	59.59	59.59	1.5	ANNUAL	PAREA6	5
606632.2	4122420	2.59089	59.59	59.59	1.5	ANNUAL	PAREA6	5
606652.2	4122420	2.10986	59.81	59.81	1.5	ANNUAL	PAREA6	5
606672.2	4122420	1.72203	59.57	59.57	1.5	ANNUAL	PAREA6	5
606692.2	4122420	1.40762	59.86	59.86	1.5	ANNUAL	PAREA6	5
606712.2	4122420	1.16882	59.77	59.77	1.5	ANNUAL	PAREA6	5
606732.2	4122420	0.98146	59.84	59.84	1.5	ANNUAL	PAREA6	5
606752.2	4122420	0.8359	59.89	59.89	1.5	ANNUAL	PAREA6	5
606772.2	4122420	0.72225	59.9	59.9	1.5	ANNUAL	PAREA6	5
606852.2	4122420	0.45298	59.41	59.41	1.5	ANNUAL	PAREA6	5

606872.2	4122420	0.41037	59.51	59.51	1.5	ANNUAL	PAREA6	5
606892.2	4122420	0.37417	59.5	59.5	1.5	ANNUAL	PAREA6	5
606912.2	4122420	0.34369	59.15	59.15	1.5	ANNUAL	PAREA6	5
605632.2	4122440	0.12727	56.46	56.46	1.5	ANNUAL	PAREA6	5
605652.2	4122440	0.13343	56.76	56.76	1.5	ANNUAL	PAREA6	5
605672.2	4122440	0.14006	56.96	56.96	1.5	ANNUAL	PAREA6	5
605692.2	4122440	0.14722	56.98	56.98	1.5	ANNUAL	PAREA6	5
605712.2	4122440	0.15495	56.95	56.95	1.5	ANNUAL	PAREA6	5
605732.2	4122440	0.1634	57.48	57.48	1.5	ANNUAL	PAREA6	5
605752.2	4122440	0.17237	58.5	58.96	1.5	ANNUAL	PAREA6	5
605772.2	4122440	0.18226	58.64	59.06	1.5	ANNUAL	PAREA6	5
605792.2	4122440	0.19314	58.54	58.54	1.5	ANNUAL	PAREA6	5
605812.2	4122440	0.20515	58.29	58.29	1.5	ANNUAL	PAREA6	5
605832.2	4122440	0.21825	58.03	58.03	1.5	ANNUAL	PAREA6	5
605852.2	4122440	0.23258	57.63	57.63	1.5	ANNUAL	PAREA6	5
605872.2	4122440	0.24817	57.03	57.03	1.5	ANNUAL	PAREA6	5
605892.2	4122440	0.26566	57.01	57.01	1.5	ANNUAL	PAREA6	5
606452.2	4122440	3.66847	59.7	59.7	1.5	ANNUAL	PAREA6	5
606472.2	4122440	3.77995	59.64	59.64	1.5	ANNUAL	PAREA6	5
606492.2	4122440	3.8116	59.5	59.5	1.5	ANNUAL	PAREA6	5
606552.2	4122440	3.4175	59.47	59.47	1.5	ANNUAL	PAREA6	5
606612.2	4122440	2.49869	59.88	59.88	1.5	ANNUAL	PAREA6	5
606632.2	4122440	2.12642	59.79	59.79	1.5	ANNUAL	PAREA6	5
606652.2	4122440	1.77563	59.74	59.74	1.5	ANNUAL	PAREA6	5
606672.2	4122440	1.47941	59.45	59.45	1.5	ANNUAL	PAREA6	5
606692.2	4122440	1.22916	59.83	59.83	1.5	ANNUAL	PAREA6	5
606712.2	4122440	1.03285	59.9	59.9	1.5	ANNUAL	PAREA6	5
606732.2	4122440	0.87724	59.85	59.85	1.5	ANNUAL	PAREA6	5
606812.2	4122440	0.5104	59.55	59.55	1.5	ANNUAL	PAREA6	5
606832.2	4122440	0.45719	59.55	59.55	1.5	ANNUAL	PAREA6	5
606852.2	4122440	0.41296	59.51	59.51	1.5	ANNUAL	PAREA6	5
606872.2	4122440	0.37575	59.4	59.4	1.5	ANNUAL	PAREA6	5
606892.2	4122440	0.34345	59.43	59.43	1.5	ANNUAL	PAREA6	5
606912.2	4122440	0.31632	59.09	59.09	1.5	ANNUAL	PAREA6	5
605632.2	4122460	0.13327	56.44	56.44	1.5	ANNUAL	PAREA6	5
605652.2	4122460	0.13986	56.68	56.68	1.5	ANNUAL	PAREA6	5
605672.2	4122460	0.14695	56.74	56.74	1.5	ANNUAL	PAREA6	5
605692.2	4122460	0.15461	56.75	56.75	1.5	ANNUAL	PAREA6	5
605712.2	4122460	0.16294	56.95	56.95	1.5	ANNUAL	PAREA6	5
605732.2	4122460	0.17197	57.23	57.23	1.5	ANNUAL	PAREA6	5
605752.2	4122460	0.18182	57.28	57.28	1.5	ANNUAL	PAREA6	5
605772.2	4122460	0.1925	57.22	57.22	1.5	ANNUAL	PAREA6	5
605792.2	4122460	0.20415	57.15	57.15	1.5	ANNUAL	PAREA6	5
605812.2	4122460	0.21694	57.11	57.11	1.5	ANNUAL	PAREA6	5
605832.2	4122460	0.23093	56.95	56.95	1.5	ANNUAL	PAREA6	5
606392.2	4122460	2.76916	58.98	58.98	1.5	ANNUAL	PAREA6	5
606412.2	4122460	2.93564	59.13	59.13	1.5	ANNUAL	PAREA6	5

606432.2	4122460	3.06631	59.33	59.33	1.5	ANNUAL	PAREA6	5
606552.2	4122460	2.76182	59.88	59.88	1.5	ANNUAL	PAREA6	5
606572.2	4122460	2.56449	59.86	59.86	1.5	ANNUAL	PAREA6	5
606592.2	4122460	2.32592	60.06	60.06	1.5	ANNUAL	PAREA6	5
606612.2	4122460	2.05725	60.12	60.12	1.5	ANNUAL	PAREA6	5
606632.2	4122460	1.78021	59.88	59.88	1.5	ANNUAL	PAREA6	5
606652.2	4122460	1.51546	59.67	59.67	1.5	ANNUAL	PAREA6	5
606672.2	4122460	1.2819	59.54	59.54	1.5	ANNUAL	PAREA6	5
606752.2	4122460	0.68452	59.55	59.55	1.5	ANNUAL	PAREA6	5
606772.2	4122460	0.59626	59.72	59.72	1.5	ANNUAL	PAREA6	5
606792.2	4122460	0.52584	59.59	59.59	1.5	ANNUAL	PAREA6	5
606812.2	4122460	0.46695	59.77	59.77	1.5	ANNUAL	PAREA6	5
606832.2	4122460	0.41974	59.56	59.56	1.5	ANNUAL	PAREA6	5
606852.2	4122460	0.37948	59.61	59.61	1.5	ANNUAL	PAREA6	5
606872.2	4122460	0.34614	59.41	59.41	1.5	ANNUAL	PAREA6	5
606892.2	4122460	0.31673	59.56	59.56	1.5	ANNUAL	PAREA6	5
606912.2	4122460	0.29248	59.15	59.15	1.5	ANNUAL	PAREA6	5
606332.2	4122480	2.07324	58.58	58.58	1.5	ANNUAL	PAREA6	5
606352.2	4122480	2.22423	59.06	59.06	1.5	ANNUAL	PAREA6	5
606372.2	4122480	2.36973	59.11	59.11	1.5	ANNUAL	PAREA6	5
606392.2	4122480	2.49904	59.11	59.11	1.5	ANNUAL	PAREA6	5
606412.2	4122480	2.60374	59.08	59.08	1.5	ANNUAL	PAREA6	5
606432.2	4122480	2.67401	59.12	59.12	1.5	ANNUAL	PAREA6	5
606452.2	4122480	2.69709	59.55	59.55	1.5	ANNUAL	PAREA6	5
606472.2	4122480	2.67522	60.03	60.03	1.5	ANNUAL	PAREA6	5
606512.2	4122480	2.52897	60.22	60.22	1.5	ANNUAL	PAREA6	5
606532.2	4122480	2.41533	60.18	60.18	1.5	ANNUAL	PAREA6	5
606552.2	4122480	2.28186	60.04	60.04	1.5	ANNUAL	PAREA6	5
606572.2	4122480	2.12347	59.99	59.99	1.5	ANNUAL	PAREA6	5
606592.2	4122480	1.93666	60.09	60.09	1.5	ANNUAL	PAREA6	5
606612.2	4122480	1.73244	59.83	59.83	1.5	ANNUAL	PAREA6	5
606672.2	4122480	1.12288	59.49	59.49	1.5	ANNUAL	PAREA6	5
606692.2	4122480	0.9611	59.68	59.68	1.5	ANNUAL	PAREA6	5
606712.2	4122480	0.82824	59.55	59.55	1.5	ANNUAL	PAREA6	5
606732.2	4122480	0.71467	59.91	59.91	1.5	ANNUAL	PAREA6	5
606752.2	4122480	0.62297	59.82	59.82	1.5	ANNUAL	PAREA6	5
606772.2	4122480	0.5458	60	60	1.5	ANNUAL	PAREA6	5
606792.2	4122480	0.48285	59.96	59.96	1.5	ANNUAL	PAREA6	5
606812.2	4122480	0.43066	59.93	59.93	1.5	ANNUAL	PAREA6	5
606832.2	4122480	0.38813	59.6	59.6	1.5	ANNUAL	PAREA6	5
606852.2	4122480	0.35138	59.66	59.66	1.5	ANNUAL	PAREA6	5
606872.2	4122480	0.32085	59.48	59.48	1.5	ANNUAL	PAREA6	5
606892.2	4122480	0.29423	59.53	59.53	1.5	ANNUAL	PAREA6	5
606912.2	4122480	0.27184	59.25	59.25	1.5	ANNUAL	PAREA6	5
606332.2	4122500	1.94088	59.04	59.04	1.5	ANNUAL	PAREA6	5
606372.2	4122500	2.15471	59.23	59.23	1.5	ANNUAL	PAREA6	5
606392.2	4122500	2.23907	59.06	59.06	1.5	ANNUAL	PAREA6	5

606412.2	4122500	2.29712	59.06	59.06	1.5	ANNUAL	PAREA6	5
606432.2	4122500	2.32672	59.01	59.01	1.5	ANNUAL	PAREA6	5
606472.2	4122500	2.27543	59.97	59.97	1.5	ANNUAL	PAREA6	5
606492.2	4122500	2.21173	60.12	60.12	1.5	ANNUAL	PAREA6	5
606512.2	4122500	2.13258	59.9	59.9	1.5	ANNUAL	PAREA6	5
606532.2	4122500	2.03792	59.62	59.62	1.5	ANNUAL	PAREA6	5
606632.2	4122500	1.30789	59.6	59.6	1.5	ANNUAL	PAREA6	5
606652.2	4122500	1.14072	59.7	59.7	1.5	ANNUAL	PAREA6	5
606672.2	4122500	0.98866	59.82	59.82	1.5	ANNUAL	PAREA6	5
606692.2	4122500	0.85714	59.83	59.83	1.5	ANNUAL	PAREA6	5
606712.2	4122500	0.74494	59.87	59.87	1.5	ANNUAL	PAREA6	5
606732.2	4122500	0.6506	59.83	59.83	1.5	ANNUAL	PAREA6	5
606752.2	4122500	0.56999	60.04	60.04	1.5	ANNUAL	PAREA6	5
606772.2	4122500	0.50339	59.95	59.95	1.5	ANNUAL	PAREA6	5
606792.2	4122500	0.44804	59.68	59.68	1.5	ANNUAL	PAREA6	5
606812.2	4122500	0.40034	59.82	59.82	1.5	ANNUAL	PAREA6	5
606832.2	4122500	0.36099	59.68	59.68	1.5	ANNUAL	PAREA6	5
606852.2	4122500	0.32799	59.45	59.45	1.5	ANNUAL	PAREA6	5
606872.2	4122500	0.29928	59.53	59.53	1.5	ANNUAL	PAREA6	5
606892.2	4122500	0.27468	59.62	59.62	1.5	ANNUAL	PAREA6	5
606912.2	4122500	0.25405	59.34	59.34	1.5	ANNUAL	PAREA6	5
606272.2	4122520	1.51285	58.54	58.54	1.5	ANNUAL	PAREA6	5
606292.2	4122520	1.61169	59.05	59.05	1.5	ANNUAL	PAREA6	5
606392.2	4122520	1.99543	59.17	59.17	1.5	ANNUAL	PAREA6	5
606412.2	4122520	2.0224	59.11	59.11	1.5	ANNUAL	PAREA6	5
606432.2	4122520	2.025	59.11	59.11	1.5	ANNUAL	PAREA6	5
606472.2	4122520	1.95419	59.65	59.65	1.5	ANNUAL	PAREA6	5
606552.2	4122520	1.64222	59.47	59.47	1.5	ANNUAL	PAREA6	5
606572.2	4122520	1.5336	59.52	59.52	1.5	ANNUAL	PAREA6	5
606592.2	4122520	1.41123	59.55	59.55	1.5	ANNUAL	PAREA6	5
606612.2	4122520	1.27778	59.55	59.55	1.5	ANNUAL	PAREA6	5
606632.2	4122520	1.13973	59.55	59.55	1.5	ANNUAL	PAREA6	5
606652.2	4122520	1.0052	59.56	59.56	1.5	ANNUAL	PAREA6	5
606672.2	4122520	0.87867	59.96	59.96	1.5	ANNUAL	PAREA6	5
606692.2	4122520	0.7685	60.11	60.11	1.5	ANNUAL	PAREA6	5
606712.2	4122520	0.67489	59.95	59.95	1.5	ANNUAL	PAREA6	5
606732.2	4122520	0.59541	59.61	59.61	1.5	ANNUAL	PAREA6	5
606752.2	4122520	0.52507	59.88	59.88	1.5	ANNUAL	PAREA6	5
606772.2	4122520	0.46693	59.63	59.63	1.5	ANNUAL	PAREA6	5
606792.2	4122520	0.41713	59.47	59.47	1.5	ANNUAL	PAREA6	5
606812.2	4122520	0.37459	59.39	59.39	1.5	ANNUAL	PAREA6	5
606832.2	4122520	0.33782	59.59	59.59	1.5	ANNUAL	PAREA6	5
606852.2	4122520	0.30721	59.47	59.47	1.5	ANNUAL	PAREA6	5
606872.2	4122520	0.28052	59.64	59.64	1.5	ANNUAL	PAREA6	5
606892.2	4122520	0.2577	59.76	59.76	1.5	ANNUAL	PAREA6	5
606272.2	4122540	1.43959	59	59	1.5	ANNUAL	PAREA6	5
606292.2	4122540	1.51886	59.09	59.09	1.5	ANNUAL	PAREA6	5

606312.2	4122540	1.59364	58.98	58.98	1.5	ANNUAL	PAREA6	5
606332.2	4122540	1.66047	58.82	58.82	1.5	ANNUAL	PAREA6	5
606352.2	4122540	1.71224	59.17	59.17	1.5	ANNUAL	PAREA6	5
606372.2	4122540	1.75231	59.19	59.19	1.5	ANNUAL	PAREA6	5
606392.2	4122540	1.77647	59.14	59.14	1.5	ANNUAL	PAREA6	5
606412.2	4122540	1.7825	59.1	59.1	1.5	ANNUAL	PAREA6	5
606432.2	4122540	1.76916	59.15	59.15	1.5	ANNUAL	PAREA6	5
606492.2	4122540	1.63635	59.26	59.26	1.5	ANNUAL	PAREA6	5
606512.2	4122540	1.56928	59.5	59.5	1.5	ANNUAL	PAREA6	5
606532.2	4122540	1.49728	59.48	59.48	1.5	ANNUAL	PAREA6	5
606552.2	4122540	1.41567	59.61	59.61	1.5	ANNUAL	PAREA6	5
606572.2	4122540	1.32601	59.5	59.5	1.5	ANNUAL	PAREA6	5
606592.2	4122540	1.22445	59.56	59.56	1.5	ANNUAL	PAREA6	5
606612.2	4122540	1.11288	59.87	59.87	1.5	ANNUAL	PAREA6	5
606632.2	4122540	1.00292	59.47	59.47	1.5	ANNUAL	PAREA6	5
606652.2	4122540	0.89144	59.65	59.65	1.5	ANNUAL	PAREA6	5
606672.2	4122540	0.78867	59.68	59.68	1.5	ANNUAL	PAREA6	5
606692.2	4122540	0.69599	59.81	59.81	1.5	ANNUAL	PAREA6	5
606712.2	4122540	0.61535	59.8	59.8	1.5	ANNUAL	PAREA6	5
606732.2	4122540	0.54676	59.44	59.44	1.5	ANNUAL	PAREA6	5
606752.2	4122540	0.48611	59.47	59.47	1.5	ANNUAL	PAREA6	5
606772.2	4122540	0.43379	59.52	59.52	1.5	ANNUAL	PAREA6	5
606792.2	4122540	0.3887	59.6	59.6	1.5	ANNUAL	PAREA6	5
606812.2	4122540	0.35048	59.46	59.46	1.5	ANNUAL	PAREA6	5
606832.2	4122540	0.31698	59.67	59.67	1.5	ANNUAL	PAREA6	5
606852.2	4122540	0.28868	59.64	59.64	1.5	ANNUAL	PAREA6	5
606872.2	4122540	0.26443	59.56	59.56	1.5	ANNUAL	PAREA6	5
606892.2	4122540	0.24331	59.59	59.59	1.5	ANNUAL	PAREA6	5
605632.2	4122560	0.16749	56.47	56.47	1.5	ANNUAL	PAREA6	5
605652.2	4122560	0.17642	56.51	56.51	1.5	ANNUAL	PAREA6	5
605672.2	4122560	0.18611	56.69	56.69	1.5	ANNUAL	PAREA6	5
605692.2	4122560	0.19656	56.62	56.62	1.5	ANNUAL	PAREA6	5
605712.2	4122560	0.20786	56.64	56.64	1.5	ANNUAL	PAREA6	5
605732.2	4122560	0.22014	56.66	56.66	1.5	ANNUAL	PAREA6	5
605752.2	4122560	0.23348	56.66	56.66	1.5	ANNUAL	PAREA6	5
605772.2	4122560	0.24797	56.76	56.76	1.5	ANNUAL	PAREA6	5
605792.2	4122560	0.26375	56.72	56.72	1.5	ANNUAL	PAREA6	5
605812.2	4122560	0.28094	56.79	56.79	1.5	ANNUAL	PAREA6	5
605832.2	4122560	0.29969	56.82	56.82	1.5	ANNUAL	PAREA6	5
605852.2	4122560	0.32009	56.81	56.81	1.5	ANNUAL	PAREA6	5
606292.2	4122560	1.42137	58.91	58.91	1.5	ANNUAL	PAREA6	5
606312.2	4122560	1.47517	58.96	58.96	1.5	ANNUAL	PAREA6	5
606332.2	4122560	1.52053	58.92	58.92	1.5	ANNUAL	PAREA6	5
606352.2	4122560	1.55428	58.98	58.98	1.5	ANNUAL	PAREA6	5
606492.2	4122560	1.42338	59.36	59.36	1.5	ANNUAL	PAREA6	5
606512.2	4122560	1.36544	59.54	59.54	1.5	ANNUAL	PAREA6	5
606532.2	4122560	1.30428	59.41	59.41	1.5	ANNUAL	PAREA6	5

606552.2	4122560	1.23375	59.67	59.67	1.5	ANNUAL	PAREA6	5
606572.2	4122560	1.15643	59.79	59.79	1.5	ANNUAL	PAREA6	5
606592.2	4122560	1.07186	59.77	59.77	1.5	ANNUAL	PAREA6	5
606612.2	4122560	0.98051	59.87	59.87	1.5	ANNUAL	PAREA6	5
606632.2	4122560	0.88958	59.45	59.45	1.5	ANNUAL	PAREA6	5
606652.2	4122560	0.79696	59.63	59.63	1.5	ANNUAL	PAREA6	5
606672.2	4122560	0.71119	59.58	59.58	1.5	ANNUAL	PAREA6	5
606692.2	4122560	0.63287	59.63	59.63	1.5	ANNUAL	PAREA6	5
606712.2	4122560	0.56371	59.58	59.58	1.5	ANNUAL	PAREA6	5
606732.2	4122560	0.50247	59.7	59.7	1.5	ANNUAL	PAREA6	5
606752.2	4122560	0.44947	59.71	59.71	1.5	ANNUAL	PAREA6	5
606772.2	4122560	0.40351	59.65	59.65	1.5	ANNUAL	PAREA6	5
606792.2	4122560	0.3631	59.8	59.8	1.5	ANNUAL	PAREA6	5
606812.2	4122560	0.32858	59.69	59.69	1.5	ANNUAL	PAREA6	5
606832.2	4122560	0.29864	59.59	59.59	1.5	ANNUAL	PAREA6	5
606852.2	4122560	0.27245	59.66	59.66	1.5	ANNUAL	PAREA6	5
606872.2	4122560	0.24999	59.58	59.58	1.5	ANNUAL	PAREA6	5
605632.2	4122580	0.17496	56.22	56.22	1.5	ANNUAL	PAREA6	5
605652.2	4122580	0.18436	56.26	56.26	1.5	ANNUAL	PAREA6	5
605672.2	4122580	0.19455	56.39	56.39	1.5	ANNUAL	PAREA6	5
605692.2	4122580	0.20551	56.29	56.29	1.5	ANNUAL	PAREA6	5
605712.2	4122580	0.21738	56.36	56.36	1.5	ANNUAL	PAREA6	5
605732.2	4122580	0.23026	56.33	56.33	1.5	ANNUAL	PAREA6	5
605752.2	4122580	0.24419	56.33	56.33	1.5	ANNUAL	PAREA6	5
605772.2	4122580	0.25935	56.48	56.48	1.5	ANNUAL	PAREA6	5
605792.2	4122580	0.2758	56.51	56.51	1.5	ANNUAL	PAREA6	5
605812.2	4122580	0.29363	56.51	56.51	1.5	ANNUAL	PAREA6	5
605832.2	4122580	0.31304	56.56	56.56	1.5	ANNUAL	PAREA6	5
605852.2	4122580	0.33411	56.58	56.58	1.5	ANNUAL	PAREA6	5
605872.2	4122580	0.357	56.62	56.62	1.5	ANNUAL	PAREA6	5
605892.2	4122580	0.38189	56.62	56.62	1.5	ANNUAL	PAREA6	5
605912.2	4122580	0.40882	56.61	56.61	1.5	ANNUAL	PAREA6	5
605932.2	4122580	0.43813	56.61	56.61	1.5	ANNUAL	PAREA6	5
606252.2	4122580	1.22566	58.94	58.94	1.5	ANNUAL	PAREA6	5
606272.2	4122580	1.27585	59.03	59.03	1.5	ANNUAL	PAREA6	5
606292.2	4122580	1.32087	59.03	59.03	1.5	ANNUAL	PAREA6	5
606312.2	4122580	1.3583	59.1	59.1	1.5	ANNUAL	PAREA6	5
606472.2	4122580	1.29496	59.36	59.36	1.5	ANNUAL	PAREA6	5
606492.2	4122580	1.24871	59.5	59.5	1.5	ANNUAL	PAREA6	5
606512.2	4122580	1.19787	59.74	59.74	1.5	ANNUAL	PAREA6	5
606532.2	4122580	1.14635	59.36	59.36	1.5	ANNUAL	PAREA6	5
606552.2	4122580	1.0844	59.85	59.85	1.5	ANNUAL	PAREA6	5
606572.2	4122580	1.01887	59.88	59.88	1.5	ANNUAL	PAREA6	5
606592.2	4122580	0.94714	59.89	59.89	1.5	ANNUAL	PAREA6	5
606612.2	4122580	0.87273	59.51	59.51	1.5	ANNUAL	PAREA6	5
606632.2	4122580	0.79449	59.52	59.52	1.5	ANNUAL	PAREA6	5
606652.2	4122580	0.71743	59.54	59.54	1.5	ANNUAL	PAREA6	5

606672.2	4122580	0.64452	59.56	59.56	1.5	ANNUAL	PAREA6	5
606692.2	4122580	0.57674	59.83	59.83	1.5	ANNUAL	PAREA6	5
606712.2	4122580	0.51714	59.75	59.75	1.5	ANNUAL	PAREA6	5
606732.2	4122580	0.46435	59.65	59.65	1.5	ANNUAL	PAREA6	5
606752.2	4122580	0.41783	59.58	59.58	1.5	ANNUAL	PAREA6	5
606772.2	4122580	0.37706	59.47	59.47	1.5	ANNUAL	PAREA6	5
606792.2	4122580	0.34106	59.48	59.48	1.5	ANNUAL	PAREA6	5
606812.2	4122580	0.30942	59.58	59.58	1.5	ANNUAL	PAREA6	5
606832.2	4122580	0.28203	59.53	59.53	1.5	ANNUAL	PAREA6	5
606852.2	4122580	0.25795	59.6	59.6	1.5	ANNUAL	PAREA6	5
606992.2	4122580	0.15543	59.46	59.46	1.5	ANNUAL	PAREA6	5
607012.2	4122580	0.1466	59.39	59.39	1.5	ANNUAL	PAREA6	5
607032.2	4122580	0.13855	59.45	59.45	1.5	ANNUAL	PAREA6	5
607052.2	4122580	0.13163	58.85	58.85	1.5	ANNUAL	PAREA6	5
605932.2	4122600	0.45191	56.42	56.42	1.5	ANNUAL	PAREA6	5
606252.2	4122600	1.15336	58.95	58.95	1.5	ANNUAL	PAREA6	5
606272.2	4122600	1.1898	59.29	59.29	1.5	ANNUAL	PAREA6	5
606292.2	4122600	1.22205	59.23	59.23	1.5	ANNUAL	PAREA6	5
606312.2	4122600	1.24773	59.11	59.11	1.5	ANNUAL	PAREA6	5
606412.2	4122600	1.24341	59.03	59.03	1.5	ANNUAL	PAREA6	5
606432.2	4122600	1.21702	59.02	59.02	1.5	ANNUAL	PAREA6	5
606452.2	4122600	1.18435	59.07	59.07	1.5	ANNUAL	PAREA6	5
606472.2	4122600	1.14757	59.05	59.05	1.5	ANNUAL	PAREA6	5
606492.2	4122600	1.10518	59.45	59.45	1.5	ANNUAL	PAREA6	5
606512.2	4122600	1.06193	59.44	59.44	1.5	ANNUAL	PAREA6	5
606532.2	4122600	1.0147	59.5	59.5	1.5	ANNUAL	PAREA6	5
606552.2	4122600	0.96362	59.43	59.43	1.5	ANNUAL	PAREA6	5
606572.2	4122600	0.90774	59.31	59.31	1.5	ANNUAL	PAREA6	5
606592.2	4122600	0.84566	59.49	59.49	1.5	ANNUAL	PAREA6	5
606612.2	4122600	0.78086	59.5	59.5	1.5	ANNUAL	PAREA6	5
606632.2	4122600	0.71447	59.55	59.55	1.5	ANNUAL	PAREA6	5
606652.2	4122600	0.64946	59.48	59.48	1.5	ANNUAL	PAREA6	5
606672.2	4122600	0.58687	59.59	59.59	1.5	ANNUAL	PAREA6	5
606692.2	4122600	0.52856	59.84	59.84	1.5	ANNUAL	PAREA6	5
606712.2	4122600	0.47787	59.35	59.35	1.5	ANNUAL	PAREA6	5
606992.2	4122600	0.14857	59.59	59.59	1.5	ANNUAL	PAREA6	5
607012.2	4122600	0.14012	59.66	59.66	1.5	ANNUAL	PAREA6	5
607032.2	4122600	0.13253	59.69	59.69	1.5	ANNUAL	PAREA6	5
607052.2	4122600	0.12614	58.78	58.78	1.5	ANNUAL	PAREA6	5
605632.2	4122620	0.19033	56.39	56.39	1.5	ANNUAL	PAREA6	5
605652.2	4122620	0.2006	56.39	56.39	1.5	ANNUAL	PAREA6	5
605672.2	4122620	0.21174	56.48	56.48	1.5	ANNUAL	PAREA6	5
605692.2	4122620	0.22365	56.45	56.45	1.5	ANNUAL	PAREA6	5
605712.2	4122620	0.2365	56.35	56.35	1.5	ANNUAL	PAREA6	5
605752.2	4122620	0.2652	56.02	56.02	1.5	ANNUAL	PAREA6	5
605772.2	4122620	0.28143	56.24	56.24	1.5	ANNUAL	PAREA6	5
605792.2	4122620	0.29883	56.3	56.3	1.5	ANNUAL	PAREA6	5

605812.2	4122620	0.31762	56.37	56.37	1.5	ANNUAL	PAREA6	5
605832.2	4122620	0.33781	56.42	56.42	1.5	ANNUAL	PAREA6	5
605852.2	4122620	0.35954	56.4	56.4	1.5	ANNUAL	PAREA6	5
605872.2	4122620	0.38288	56.37	56.37	1.5	ANNUAL	PAREA6	5
605892.2	4122620	0.40791	56.32	56.32	1.5	ANNUAL	PAREA6	5
605932.2	4122620	0.46355	56.38	56.38	1.5	ANNUAL	PAREA6	5
606232.2	4122620	1.04832	58.93	58.93	1.5	ANNUAL	PAREA6	5
606252.2	4122620	1.0802	59.02	59.02	1.5	ANNUAL	PAREA6	5
606272.2	4122620	1.10726	59.11	59.11	1.5	ANNUAL	PAREA6	5
606292.2	4122620	1.12879	59.18	59.18	1.5	ANNUAL	PAREA6	5
606312.2	4122620	1.14468	59.06	59.06	1.5	ANNUAL	PAREA6	5
606352.2	4122620	1.15375	59.04	59.04	1.5	ANNUAL	PAREA6	5
606372.2	4122620	1.14698	59.01	59.01	1.5	ANNUAL	PAREA6	5
606412.2	4122620	1.11245	58.93	58.93	1.5	ANNUAL	PAREA6	5
606432.2	4122620	1.08689	58.82	58.82	1.5	ANNUAL	PAREA6	5
606452.2	4122620	1.05766	58.61	58.61	1.5	ANNUAL	PAREA6	5
606472.2	4122620	1.02408	58.66	58.66	1.5	ANNUAL	PAREA6	5
606492.2	4122620	0.98501	59.41	59.41	1.5	ANNUAL	PAREA6	5
606512.2	4122620	0.94601	59.61	59.61	1.5	ANNUAL	PAREA6	5
606532.2	4122620	0.90493	59.58	59.58	1.5	ANNUAL	PAREA6	5
606552.2	4122620	0.86071	59.4	59.4	1.5	ANNUAL	PAREA6	5
606572.2	4122620	0.81151	59.47	59.47	1.5	ANNUAL	PAREA6	5
606592.2	4122620	0.75898	59.4	59.4	1.5	ANNUAL	PAREA6	5
606612.2	4122620	0.70371	59.34	59.34	1.5	ANNUAL	PAREA6	5
606632.2	4122620	0.64698	59.39	59.39	1.5	ANNUAL	PAREA6	5
606652.2	4122620	0.59124	59.34	59.34	1.5	ANNUAL	PAREA6	5
606672.2	4122620	0.53653	59.73	59.73	1.5	ANNUAL	PAREA6	5
606692.2	4122620	0.48856	59.04	59.04	1.5	ANNUAL	PAREA6	5
606992.2	4122620	0.14248	59.57	59.57	1.5	ANNUAL	PAREA6	5
607012.2	4122620	0.13443	59.71	59.71	1.5	ANNUAL	PAREA6	5
607032.2	4122620	0.1272	59.74	59.74	1.5	ANNUAL	PAREA6	5
607052.2	4122620	0.12079	59.48	59.48	1.5	ANNUAL	PAREA6	5
605632.2	4122640	0.19798	56.2	56.2	1.5	ANNUAL	PAREA6	5
605652.2	4122640	0.20867	56.31	56.31	1.5	ANNUAL	PAREA6	5
605672.2	4122640	0.22021	56.4	56.4	1.5	ANNUAL	PAREA6	5
605692.2	4122640	0.23251	56.35	56.35	1.5	ANNUAL	PAREA6	5
605712.2	4122640	0.2458	56.35	56.35	1.5	ANNUAL	PAREA6	5
605752.2	4122640	0.27525	56.05	56.05	1.5	ANNUAL	PAREA6	5
605772.2	4122640	0.29178	56.3	56.3	1.5	ANNUAL	PAREA6	5
605792.2	4122640	0.30948	56.39	56.39	1.5	ANNUAL	PAREA6	5
605812.2	4122640	0.3285	56.55	56.55	1.5	ANNUAL	PAREA6	5
605832.2	4122640	0.34882	56.54	56.54	1.5	ANNUAL	PAREA6	5
605852.2	4122640	0.37054	56.52	56.52	1.5	ANNUAL	PAREA6	5
605872.2	4122640	0.39384	56.68	56.68	1.5	ANNUAL	PAREA6	5
605892.2	4122640	0.41849	56.51	56.51	1.5	ANNUAL	PAREA6	5
605932.2	4122640	0.47256	56.32	56.32	1.5	ANNUAL	PAREA6	5
606232.2	4122640	0.98494	59.03	59.03	1.5	ANNUAL	PAREA6	5

606252.2	4122640	1.00851	59.05	59.05	1.5	ANNUAL	PAREA6	5
606272.2	4122640	1.0275	59.07	59.07	1.5	ANNUAL	PAREA6	5
606292.2	4122640	1.04111	59.11	59.11	1.5	ANNUAL	PAREA6	5
606312.2	4122640	1.0494	59.03	59.03	1.5	ANNUAL	PAREA6	5
606352.2	4122640	1.04703	58.98	58.98	1.5	ANNUAL	PAREA6	5
606412.2	4122640	0.99967	58.87	58.87	1.5	ANNUAL	PAREA6	5
606432.2	4122640	0.97535	58.74	58.74	1.5	ANNUAL	PAREA6	5
606452.2	4122640	0.94786	58.67	58.67	1.5	ANNUAL	PAREA6	5
606472.2	4122640	0.91761	58.75	58.75	1.5	ANNUAL	PAREA6	5
606492.2	4122640	0.88441	59.12	59.12	1.5	ANNUAL	PAREA6	5
606512.2	4122640	0.84956	59.4	59.4	1.5	ANNUAL	PAREA6	5
606532.2	4122640	0.81242	59.61	59.61	1.5	ANNUAL	PAREA6	5
606552.2	4122640	0.77398	59.29	59.29	1.5	ANNUAL	PAREA6	5
606572.2	4122640	0.73065	59.46	59.46	1.5	ANNUAL	PAREA6	5
606592.2	4122640	0.68528	59.33	59.33	1.5	ANNUAL	PAREA6	5
606612.2	4122640	0.63693	59.48	59.48	1.5	ANNUAL	PAREA6	5
606632.2	4122640	0.58889	59.24	59.24	1.5	ANNUAL	PAREA6	5
606652.2	4122640	0.54037	59.35	59.35	1.5	ANNUAL	PAREA6	5
606672.2	4122640	0.49534	58.82	58.82	1.5	ANNUAL	PAREA6	5
606732.2	4122640	0.37494	58.7	58.7	1.5	ANNUAL	PAREA6	5
606752.2	4122640	0.34187	58.71	58.71	1.5	ANNUAL	PAREA6	5
606772.2	4122640	0.31224	58.71	58.71	1.5	ANNUAL	PAREA6	5
606852.2	4122640	0.22223	58.74	58.74	1.5	ANNUAL	PAREA6	5
606872.2	4122640	0.2056	58.68	58.68	1.5	ANNUAL	PAREA6	5
606992.2	4122640	0.13691	59.6	59.6	1.5	ANNUAL	PAREA6	5
607012.2	4122640	0.12927	59.74	59.74	1.5	ANNUAL	PAREA6	5
607032.2	4122640	0.1224	59.77	59.77	1.5	ANNUAL	PAREA6	5
607052.2	4122640	0.11615	59.79	59.79	1.5	ANNUAL	PAREA6	5
605632.2	4122660	0.20551	55.89	55.89	1.5	ANNUAL	PAREA6	5
605652.2	4122660	0.21656	56.02	56.02	1.5	ANNUAL	PAREA6	5
605672.2	4122660	0.22841	56.08	56.08	1.5	ANNUAL	PAREA6	5
605692.2	4122660	0.24105	56.11	56.11	1.5	ANNUAL	PAREA6	5
605712.2	4122660	0.25463	56.06	56.06	1.5	ANNUAL	PAREA6	5
605752.2	4122660	0.2846	55.86	55.86	1.5	ANNUAL	PAREA6	5
605772.2	4122660	0.3013	56.09	56.09	1.5	ANNUAL	PAREA6	5
605792.2	4122660	0.31913	56.18	56.18	1.5	ANNUAL	PAREA6	5
605812.2	4122660	0.33816	56.38	56.38	1.5	ANNUAL	PAREA6	5
605832.2	4122660	0.35833	56.3	56.3	1.5	ANNUAL	PAREA6	5
605852.2	4122660	0.37986	56.39	56.39	1.5	ANNUAL	PAREA6	5
605872.2	4122660	0.40279	56.58	56.58	1.5	ANNUAL	PAREA6	5
605892.2	4122660	0.4269	56.56	56.56	1.5	ANNUAL	PAREA6	5
605932.2	4122660	0.47894	56.27	56.27	1.5	ANNUAL	PAREA6	5
606252.2	4122660	0.93965	59.04	59.04	1.5	ANNUAL	PAREA6	5
606272.2	4122660	0.95184	59.11	59.11	1.5	ANNUAL	PAREA6	5
606292.2	4122660	0.95951	59.09	59.09	1.5	ANNUAL	PAREA6	5
606312.2	4122660	0.96239	59.01	59.01	1.5	ANNUAL	PAREA6	5
606352.2	4122660	0.95211	58.96	58.96	1.5	ANNUAL	PAREA6	5

606412.2	4122660	0.9022	58.88	58.88	1.5	ANNUAL	PAREA6	5
606432.2	4122660	0.87917	58.82	58.82	1.5	ANNUAL	PAREA6	5
606452.2	4122660	0.85348	58.94	58.94	1.5	ANNUAL	PAREA6	5
606472.2	4122660	0.8269	58.85	58.85	1.5	ANNUAL	PAREA6	5
606492.2	4122660	0.79879	58.76	58.76	1.5	ANNUAL	PAREA6	5
606512.2	4122660	0.76635	59.5	59.5	1.5	ANNUAL	PAREA6	5
606532.2	4122660	0.73399	59.5	59.5	1.5	ANNUAL	PAREA6	5
606552.2	4122660	0.69914	59.47	59.47	1.5	ANNUAL	PAREA6	5
606572.2	4122660	0.66245	59.13	59.13	1.5	ANNUAL	PAREA6	5
606592.2	4122660	0.62206	59.29	59.29	1.5	ANNUAL	PAREA6	5
606612.2	4122660	0.5805	59.25	59.25	1.5	ANNUAL	PAREA6	5
606632.2	4122660	0.53822	59.24	59.24	1.5	ANNUAL	PAREA6	5
606652.2	4122660	0.49584	59.44	59.44	1.5	ANNUAL	PAREA6	5
606672.2	4122660	0.45684	58.79	58.79	1.5	ANNUAL	PAREA6	5
606712.2	4122660	0.38342	58.53	58.53	1.5	ANNUAL	PAREA6	5
606732.2	4122660	0.35038	58.72	58.72	1.5	ANNUAL	PAREA6	5
606752.2	4122660	0.32068	58.77	58.77	1.5	ANNUAL	PAREA6	5
606772.2	4122660	0.29396	58.77	58.77	1.5	ANNUAL	PAREA6	5
606792.2	4122660	0.26994	58.77	58.77	1.5	ANNUAL	PAREA6	5
606832.2	4122660	0.22906	58.78	58.78	1.5	ANNUAL	PAREA6	5
606852.2	4122660	0.21177	58.78	58.78	1.5	ANNUAL	PAREA6	5
606872.2	4122660	0.19618	58.92	58.92	1.5	ANNUAL	PAREA6	5
606892.2	4122660	0.18233	58.96	58.96	1.5	ANNUAL	PAREA6	5
606992.2	4122660	0.13181	59.64	59.64	1.5	ANNUAL	PAREA6	5
607012.2	4122660	0.12454	59.77	59.77	1.5	ANNUAL	PAREA6	5
607032.2	4122660	0.11801	59.77	59.77	1.5	ANNUAL	PAREA6	5
605632.2	4122680	0.21289	55.67	55.67	1.5	ANNUAL	PAREA6	5
605652.2	4122680	0.2242	55.72	55.72	1.5	ANNUAL	PAREA6	5
605672.2	4122680	0.23631	55.77	55.77	1.5	ANNUAL	PAREA6	5
605852.2	4122680	0.38737	56.07	56.07	1.5	ANNUAL	PAREA6	5
605872.2	4122680	0.4099	56.62	56.62	1.5	ANNUAL	PAREA6	5
605892.2	4122680	0.43323	56.71	56.71	1.5	ANNUAL	PAREA6	5
605932.2	4122680	0.48259	56.25	56.25	1.5	ANNUAL	PAREA6	5
605952.2	4122680	0.50939	56.78	56.78	1.5	ANNUAL	PAREA6	5
605972.2	4122680	0.53687	57.09	57.09	1.5	ANNUAL	PAREA6	5
606252.2	4122680	0.87416	59.09	59.09	1.5	ANNUAL	PAREA6	5
606272.2	4122680	0.88138	59.09	59.09	1.5	ANNUAL	PAREA6	5
606312.2	4122680	0.8833	59.01	59.01	1.5	ANNUAL	PAREA6	5
606352.2	4122680	0.86767	59.01	59.01	1.5	ANNUAL	PAREA6	5
606372.2	4122680	0.85412	58.95	58.95	1.5	ANNUAL	PAREA6	5
606392.2	4122680	0.8378	58.75	58.75	1.5	ANNUAL	PAREA6	5
606412.2	4122680	0.81755	58.99	58.99	1.5	ANNUAL	PAREA6	5
606432.2	4122680	0.79632	58.91	58.91	1.5	ANNUAL	PAREA6	5
606452.2	4122680	0.77336	58.92	58.92	1.5	ANNUAL	PAREA6	5
606472.2	4122680	0.74934	58.86	58.86	1.5	ANNUAL	PAREA6	5
606492.2	4122680	0.72421	58.74	58.74	1.5	ANNUAL	PAREA6	5
606512.2	4122680	0.69533	59.44	59.44	1.5	ANNUAL	PAREA6	5

606532.2	4122680	0.66672	59.32	59.32	1.5	ANNUAL	PAREA6	5
606552.2	4122680	0.63553	59.38	59.38	1.5	ANNUAL	PAREA6	5
606572.2	4122680	0.60352	58.86	58.86	1.5	ANNUAL	PAREA6	5
606592.2	4122680	0.56797	59.04	59.04	1.5	ANNUAL	PAREA6	5
606612.2	4122680	0.53116	59.19	59.19	1.5	ANNUAL	PAREA6	5
606632.2	4122680	0.49367	59.44	59.44	1.5	ANNUAL	PAREA6	5
606652.2	4122680	0.45718	59.36	59.36	1.5	ANNUAL	PAREA6	5
606732.2	4122680	0.32838	58.66	58.66	1.5	ANNUAL	PAREA6	5
606752.2	4122680	0.30158	58.75	58.75	1.5	ANNUAL	PAREA6	5
606772.2	4122680	0.27741	58.75	58.75	1.5	ANNUAL	PAREA6	5
606792.2	4122680	0.25558	58.73	58.73	1.5	ANNUAL	PAREA6	5
606812.2	4122680	0.23584	58.76	58.76	1.5	ANNUAL	PAREA6	5
606832.2	4122680	0.21793	58.92	58.92	1.5	ANNUAL	PAREA6	5
606852.2	4122680	0.20188	59.04	59.04	1.5	ANNUAL	PAREA6	5
606872.2	4122680	0.18754	59.05	59.05	1.5	ANNUAL	PAREA6	5
606892.2	4122680	0.17476	58.94	58.94	1.5	ANNUAL	PAREA6	5
606992.2	4122680	0.12716	59.57	59.57	1.5	ANNUAL	PAREA6	5
607012.2	4122680	0.12028	59.61	59.61	1.5	ANNUAL	PAREA6	5
607032.2	4122680	0.11401	59.7	59.7	1.5	ANNUAL	PAREA6	5
605632.2	4122700	0.22022	56.12	56.12	1.5	ANNUAL	PAREA6	5
605652.2	4122700	0.23175	56.16	56.16	1.5	ANNUAL	PAREA6	5
605672.2	4122700	0.24404	56.22	56.22	1.5	ANNUAL	PAREA6	5
605692.2	4122700	0.25706	56.22	56.22	1.5	ANNUAL	PAREA6	5
605712.2	4122700	0.27096	56.25	56.25	1.5	ANNUAL	PAREA6	5
605752.2	4122700	0.3012	56.02	56.02	1.5	ANNUAL	PAREA6	5
605772.2	4122700	0.31772	56.04	56.04	1.5	ANNUAL	PAREA6	5
605792.2	4122700	0.33522	56.11	56.11	1.5	ANNUAL	PAREA6	5
605812.2	4122700	0.35364	56.14	56.14	1.5	ANNUAL	PAREA6	5
605852.2	4122700	0.39331	56.07	56.07	1.5	ANNUAL	PAREA6	5
605872.2	4122700	0.41496	56.63	56.63	1.5	ANNUAL	PAREA6	5
605892.2	4122700	0.43726	56.78	56.78	1.5	ANNUAL	PAREA6	5
605932.2	4122700	0.48353	56.22	56.22	1.5	ANNUAL	PAREA6	5
605952.2	4122700	0.50848	56.78	56.78	1.5	ANNUAL	PAREA6	5
605972.2	4122700	0.53393	57.33	57.33	1.5	ANNUAL	PAREA6	5
605992.2	4122700	0.55936	57.38	57.38	1.5	ANNUAL	PAREA6	5
606012.2	4122700	0.58496	57.36	57.36	1.5	ANNUAL	PAREA6	5
606032.2	4122700	0.61078	57.56	57.56	1.5	ANNUAL	PAREA6	5
606112.2	4122700	0.70827	58.46	58.46	1.5	ANNUAL	PAREA6	5
606132.2	4122700	0.7292	58.93	58.93	1.5	ANNUAL	PAREA6	5
606412.2	4122700	0.74431	59	59	1.5	ANNUAL	PAREA6	5
606432.2	4122700	0.72481	58.92	58.92	1.5	ANNUAL	PAREA6	5
606452.2	4122700	0.70401	58.91	58.91	1.5	ANNUAL	PAREA6	5
606472.2	4122700	0.68217	58.92	58.92	1.5	ANNUAL	PAREA6	5
606492.2	4122700	0.65939	58.86	58.86	1.5	ANNUAL	PAREA6	5
606512.2	4122700	0.63466	59.04	59.04	1.5	ANNUAL	PAREA6	5
606532.2	4122700	0.60818	59.29	59.29	1.5	ANNUAL	PAREA6	5
606552.2	4122700	0.58081	59.11	59.11	1.5	ANNUAL	PAREA6	5

606572.2	4122700	0.55187	58.83	58.83	1.5	ANNUAL	PAREA6	5
606592.2	4122700	0.52023	59.12	59.12	1.5	ANNUAL	PAREA6	5
606612.2	4122700	0.48787	59.25	59.25	1.5	ANNUAL	PAREA6	5
606632.2	4122700	0.45539	59.26	59.26	1.5	ANNUAL	PAREA6	5
606652.2	4122700	0.42297	59.33	59.33	1.5	ANNUAL	PAREA6	5
606732.2	4122700	0.30831	58.72	58.72	1.5	ANNUAL	PAREA6	5
606752.2	4122700	0.28425	58.72	58.72	1.5	ANNUAL	PAREA6	5
606772.2	4122700	0.26234	58.69	58.69	1.5	ANNUAL	PAREA6	5
606792.2	4122700	0.24231	58.77	58.77	1.5	ANNUAL	PAREA6	5
606812.2	4122700	0.22411	58.91	58.91	1.5	ANNUAL	PAREA6	5
606832.2	4122700	0.20763	59.08	59.08	1.5	ANNUAL	PAREA6	5
606852.2	4122700	0.19285	59.14	59.14	1.5	ANNUAL	PAREA6	5
606872.2	4122700	0.17967	58.97	58.97	1.5	ANNUAL	PAREA6	5
605632.2	4122720	0.227	55.87	55.87	1.5	ANNUAL	PAREA6	5
605652.2	4122720	0.23867	55.98	55.98	1.5	ANNUAL	PAREA6	5
605672.2	4122720	0.25106	56.08	56.08	1.5	ANNUAL	PAREA6	5
605692.2	4122720	0.26422	56.34	56.34	1.5	ANNUAL	PAREA6	5
605712.2	4122720	0.27806	56.25	56.25	1.5	ANNUAL	PAREA6	5
605752.2	4122720	0.30806	56.1	56.1	1.5	ANNUAL	PAREA6	5
605812.2	4122720	0.35945	56.43	56.43	1.5	ANNUAL	PAREA6	5
605872.2	4122720	0.41797	56.64	56.64	1.5	ANNUAL	PAREA6	5
605892.2	4122720	0.43902	56.83	56.83	1.5	ANNUAL	PAREA6	5
605952.2	4122720	0.50497	56.89	56.89	1.5	ANNUAL	PAREA6	5
605972.2	4122720	0.52805	57.38	57.38	1.5	ANNUAL	PAREA6	5
605992.2	4122720	0.55085	57.37	57.37	1.5	ANNUAL	PAREA6	5
606112.2	4122720	0.67889	58.4	58.4	1.5	ANNUAL	PAREA6	5
606132.2	4122720	0.69548	59.04	59.04	1.5	ANNUAL	PAREA6	5
606152.2	4122720	0.71147	59.01	59.01	1.5	ANNUAL	PAREA6	5
606172.2	4122720	0.72558	58.91	58.91	1.5	ANNUAL	PAREA6	5
606192.2	4122720	0.73781	58.65	58.65	1.5	ANNUAL	PAREA6	5
606212.2	4122720	0.74691	58.68	58.68	1.5	ANNUAL	PAREA6	5
606232.2	4122720	0.75305	58.79	58.79	1.5	ANNUAL	PAREA6	5
606252.2	4122720	0.75599	59	59	1.5	ANNUAL	PAREA6	5
606272.2	4122720	0.75609	59.09	59.09	1.5	ANNUAL	PAREA6	5
606292.2	4122720	0.75341	59.01	59.01	1.5	ANNUAL	PAREA6	5
606312.2	4122720	0.74756	58.95	58.95	1.5	ANNUAL	PAREA6	5
606352.2	4122720	0.7273	58.82	58.82	1.5	ANNUAL	PAREA6	5
606372.2	4122720	0.71363	58.75	58.75	1.5	ANNUAL	PAREA6	5
606412.2	4122720	0.68035	59.02	59.02	1.5	ANNUAL	PAREA6	5
606432.2	4122720	0.66245	58.95	58.95	1.5	ANNUAL	PAREA6	5
606452.2	4122720	0.64364	58.91	58.91	1.5	ANNUAL	PAREA6	5
606472.2	4122720	0.62383	58.94	58.94	1.5	ANNUAL	PAREA6	5
606492.2	4122720	0.60357	58.71	58.71	1.5	ANNUAL	PAREA6	5
606512.2	4122720	0.58118	58.92	58.92	1.5	ANNUAL	PAREA6	5
606532.2	4122720	0.55739	59.14	59.14	1.5	ANNUAL	PAREA6	5
606552.2	4122720	0.53276	59	59	1.5	ANNUAL	PAREA6	5
606572.2	4122720	0.50633	59.05	59.05	1.5	ANNUAL	PAREA6	5

606592.2	4122720	0.47876	59.05	59.05	1.5	ANNUAL	PAREA6	5
606612.2	4122720	0.45024	59.1	59.1	1.5	ANNUAL	PAREA6	5
606632.2	4122720	0.42171	59	59	1.5	ANNUAL	PAREA6	5
606652.2	4122720	0.39332	58.88	58.88	1.5	ANNUAL	PAREA6	5
606732.2	4122720	0.29017	58.73	58.73	1.5	ANNUAL	PAREA6	5
606752.2	4122720	0.26836	58.75	58.75	1.5	ANNUAL	PAREA6	5
606772.2	4122720	0.24842	58.73	58.73	1.5	ANNUAL	PAREA6	5
606792.2	4122720	0.23	58.9	58.9	1.5	ANNUAL	PAREA6	5
606812.2	4122720	0.2133	59.04	59.04	1.5	ANNUAL	PAREA6	5
606832.2	4122720	0.19825	59.03	59.03	1.5	ANNUAL	PAREA6	5
606852.2	4122720	0.18461	59.01	59.01	1.5	ANNUAL	PAREA6	5
607032.2	4122720	0.10704	59.05	59.05	1.5	ANNUAL	PAREA6	5
605632.2	4122740	0.23324	55.37	55.37	1.5	ANNUAL	PAREA6	5
605652.2	4122740	0.24495	55.45	55.45	1.5	ANNUAL	PAREA6	5
605672.2	4122740	0.25741	55.81	55.81	1.5	ANNUAL	PAREA6	5
605692.2	4122740	0.27052	56.06	56.06	1.5	ANNUAL	PAREA6	5
605712.2	4122740	0.2843	56.2	56.2	1.5	ANNUAL	PAREA6	5
605752.2	4122740	0.31376	56.02	56.02	1.5	ANNUAL	PAREA6	5
605812.2	4122740	0.3636	56.51	56.51	1.5	ANNUAL	PAREA6	5
605872.2	4122740	0.41903	56.71	56.71	1.5	ANNUAL	PAREA6	5
605892.2	4122740	0.43862	56.86	56.86	1.5	ANNUAL	PAREA6	5
605952.2	4122740	0.49896	56.87	56.87	1.5	ANNUAL	PAREA6	5
605972.2	4122740	0.51966	57.3	57.3	1.5	ANNUAL	PAREA6	5
605992.2	4122740	0.53994	57.33	57.33	1.5	ANNUAL	PAREA6	5
606112.2	4122740	0.6488	58.38	58.38	1.5	ANNUAL	PAREA6	5
606132.2	4122740	0.66201	58.94	58.94	1.5	ANNUAL	PAREA6	5
606152.2	4122740	0.67419	59.04	59.04	1.5	ANNUAL	PAREA6	5
606172.2	4122740	0.68475	58.99	58.99	1.5	ANNUAL	PAREA6	5
606192.2	4122740	0.69344	58.79	58.79	1.5	ANNUAL	PAREA6	5
606212.2	4122740	0.69928	58.84	58.84	1.5	ANNUAL	PAREA6	5
606232.2	4122740	0.7028	58.8	58.8	1.5	ANNUAL	PAREA6	5
606252.2	4122740	0.70332	58.94	58.94	1.5	ANNUAL	PAREA6	5
606272.2	4122740	0.70149	58.9	58.9	1.5	ANNUAL	PAREA6	5
606292.2	4122740	0.6968	58.94	58.94	1.5	ANNUAL	PAREA6	5
606312.2	4122740	0.68969	58.89	58.89	1.5	ANNUAL	PAREA6	5
606352.2	4122740	0.66866	58.76	58.76	1.5	ANNUAL	PAREA6	5
606392.2	4122740	0.64117	58.47	58.47	1.5	ANNUAL	PAREA6	5
606412.2	4122740	0.62445	58.94	58.94	1.5	ANNUAL	PAREA6	5
606432.2	4122740	0.60815	58.83	58.83	1.5	ANNUAL	PAREA6	5
606452.2	4122740	0.59079	58.91	58.91	1.5	ANNUAL	PAREA6	5
606472.2	4122740	0.57309	58.79	58.79	1.5	ANNUAL	PAREA6	5
606492.2	4122740	0.55437	58.72	58.72	1.5	ANNUAL	PAREA6	5
606512.2	4122740	0.53372	59.14	59.14	1.5	ANNUAL	PAREA6	5
606532.2	4122740	0.51288	58.97	58.97	1.5	ANNUAL	PAREA6	5
606552.2	4122740	0.49042	59	59	1.5	ANNUAL	PAREA6	5
606572.2	4122740	0.46659	59.16	59.16	1.5	ANNUAL	PAREA6	5
606592.2	4122740	0.44265	58.73	58.73	1.5	ANNUAL	PAREA6	5

606612.2	4122740	0.417	58.94	58.94	1.5	ANNUAL	PAREA6	5
606632.2	4122740	0.39146	58.98	58.98	1.5	ANNUAL	PAREA6	5
606732.2	4122740	0.27355	58.86	58.86	1.5	ANNUAL	PAREA6	5
606752.2	4122740	0.25378	58.85	58.85	1.5	ANNUAL	PAREA6	5
606772.2	4122740	0.2356	58.81	58.81	1.5	ANNUAL	PAREA6	5
606792.2	4122740	0.21873	58.97	58.97	1.5	ANNUAL	PAREA6	5
606812.2	4122740	0.20346	58.97	58.97	1.5	ANNUAL	PAREA6	5
606832.2	4122740	0.18961	58.88	58.88	1.5	ANNUAL	PAREA6	5
606952.2	4122740	0.12878	59.01	59.01	1.5	ANNUAL	PAREA6	5
606972.2	4122740	0.1215	59.33	59.33	1.5	ANNUAL	PAREA6	5
606992.2	4122740	0.11514	58.99	58.99	1.5	ANNUAL	PAREA6	5
607012.2	4122740	0.10924	58.9	58.9	1.5	ANNUAL	PAREA6	5
607032.2	4122740	0.10378	59.01	59.01	1.5	ANNUAL	PAREA6	5
607052.2	4122740	0.09882	58.96	58.96	1.5	ANNUAL	PAREA6	5
605632.2	4122760	0.23911	55.34	55.34	1.5	ANNUAL	PAREA6	5
605652.2	4122760	0.2507	55.21	55.21	1.5	ANNUAL	PAREA6	5
605672.2	4122760	0.26308	55.59	55.59	1.5	ANNUAL	PAREA6	5
605692.2	4122760	0.27605	55.89	55.89	1.5	ANNUAL	PAREA6	5
605712.2	4122760	0.28968	56.3	56.3	1.5	ANNUAL	PAREA6	5
605752.2	4122760	0.3183	55.94	55.94	1.5	ANNUAL	PAREA6	5
605772.2	4122760	0.3337	56.19	56.19	1.5	ANNUAL	PAREA6	5
605812.2	4122760	0.36609	56.43	56.43	1.5	ANNUAL	PAREA6	5
605832.2	4122760	0.38296	56.44	56.44	1.5	ANNUAL	PAREA6	5
605872.2	4122760	0.41811	56.66	56.66	1.5	ANNUAL	PAREA6	5
605892.2	4122760	0.4362	56.85	56.85	1.5	ANNUAL	PAREA6	5
605912.2	4122760	0.45428	56.7	56.7	1.5	ANNUAL	PAREA6	5
605952.2	4122760	0.49086	56.83	56.83	1.5	ANNUAL	PAREA6	5
605972.2	4122760	0.5093	57.28	57.28	1.5	ANNUAL	PAREA6	5
605992.2	4122760	0.52716	57.37	57.37	1.5	ANNUAL	PAREA6	5
606112.2	4122760	0.61856	58.4	58.4	1.5	ANNUAL	PAREA6	5
606132.2	4122760	0.62872	58.99	58.99	1.5	ANNUAL	PAREA6	5
606152.2	4122760	0.63816	58.96	58.96	1.5	ANNUAL	PAREA6	5
606172.2	4122760	0.64574	58.96	58.96	1.5	ANNUAL	PAREA6	5
606192.2	4122760	0.65133	58.93	58.93	1.5	ANNUAL	PAREA6	5
606212.2	4122760	0.65468	58.95	58.95	1.5	ANNUAL	PAREA6	5
606232.2	4122760	0.65582	58.97	58.97	1.5	ANNUAL	PAREA6	5
606252.2	4122760	0.65454	59.02	59.02	1.5	ANNUAL	PAREA6	5
606272.2	4122760	0.65116	58.94	58.94	1.5	ANNUAL	PAREA6	5
606292.2	4122760	0.64522	59.02	59.02	1.5	ANNUAL	PAREA6	5
606312.2	4122760	0.63769	58.8	58.8	1.5	ANNUAL	PAREA6	5
606352.2	4122760	0.61656	58.68	58.68	1.5	ANNUAL	PAREA6	5
606392.2	4122760	0.59028	58.55	58.55	1.5	ANNUAL	PAREA6	5
606412.2	4122760	0.57514	58.89	58.89	1.5	ANNUAL	PAREA6	5
606432.2	4122760	0.56022	58.77	58.77	1.5	ANNUAL	PAREA6	5
606452.2	4122760	0.54458	58.74	58.74	1.5	ANNUAL	PAREA6	5
606472.2	4122760	0.52809	58.81	58.81	1.5	ANNUAL	PAREA6	5
606492.2	4122760	0.51095	58.79	58.79	1.5	ANNUAL	PAREA6	5

606512.2	4122760	0.49233	59.13	59.13	1.5	ANNUAL	PAREA6	5
606532.2	4122760	0.47335	59	59	1.5	ANNUAL	PAREA6	5
606552.2	4122760	0.45297	59.09	59.09	1.5	ANNUAL	PAREA6	5
606572.2	4122760	0.43203	58.9	58.9	1.5	ANNUAL	PAREA6	5
606592.2	4122760	0.41032	58.64	58.64	1.5	ANNUAL	PAREA6	5
606612.2	4122760	0.38741	58.84	58.84	1.5	ANNUAL	PAREA6	5
606732.2	4122760	0.25854	58.85	58.85	1.5	ANNUAL	PAREA6	5
606752.2	4122760	0.24055	58.81	58.81	1.5	ANNUAL	PAREA6	5
606772.2	4122760	0.22388	58.81	58.81	1.5	ANNUAL	PAREA6	5
606792.2	4122760	0.20842	58.91	58.91	1.5	ANNUAL	PAREA6	5
606812.2	4122760	0.19437	58.85	58.85	1.5	ANNUAL	PAREA6	5
606952.2	4122760	0.12447	59.04	59.04	1.5	ANNUAL	PAREA6	5
606972.2	4122760	0.11766	59.14	59.14	1.5	ANNUAL	PAREA6	5
606992.2	4122760	0.11151	59.04	59.04	1.5	ANNUAL	PAREA6	5
607012.2	4122760	0.10585	59.07	59.07	1.5	ANNUAL	PAREA6	5
607032.2	4122760	0.10065	59.14	59.14	1.5	ANNUAL	PAREA6	5
607052.2	4122760	0.09582	59.43	59.43	1.5	ANNUAL	PAREA6	5
605632.2	4122780	0.24459	55.85	55.85	1.5	ANNUAL	PAREA6	5
605652.2	4122780	0.25596	55.45	55.45	1.5	ANNUAL	PAREA6	5
605672.2	4122780	0.26802	55.53	55.53	1.5	ANNUAL	PAREA6	5
605692.2	4122780	0.28078	55.97	55.97	1.5	ANNUAL	PAREA6	5
605712.2	4122780	0.29407	56.36	56.36	1.5	ANNUAL	PAREA6	5
605752.2	4122780	0.32161	55.83	55.83	1.5	ANNUAL	PAREA6	5
605772.2	4122780	0.33645	56.24	56.24	1.5	ANNUAL	PAREA6	5
605792.2	4122780	0.35154	56.32	56.32	1.5	ANNUAL	PAREA6	5
605812.2	4122780	0.36703	56.32	56.32	1.5	ANNUAL	PAREA6	5
605872.2	4122780	0.41535	56.54	56.54	1.5	ANNUAL	PAREA6	5
605892.2	4122780	0.43198	56.87	56.87	1.5	ANNUAL	PAREA6	5
605912.2	4122780	0.44841	56.82	56.82	1.5	ANNUAL	PAREA6	5
605952.2	4122780	0.48104	56.84	56.84	1.5	ANNUAL	PAREA6	5
605992.2	4122780	0.51284	57.42	57.42	1.5	ANNUAL	PAREA6	5
606112.2	4122780	0.58855	58.54	58.54	1.5	ANNUAL	PAREA6	5
606132.2	4122780	0.59649	58.92	58.92	1.5	ANNUAL	PAREA6	5
606152.2	4122780	0.6035	58.85	58.85	1.5	ANNUAL	PAREA6	5
606172.2	4122780	0.60872	58.83	58.83	1.5	ANNUAL	PAREA6	5
606192.2	4122780	0.61183	58.96	58.96	1.5	ANNUAL	PAREA6	5
606212.2	4122780	0.61329	58.93	58.93	1.5	ANNUAL	PAREA6	5
606232.2	4122780	0.61263	58.96	58.96	1.5	ANNUAL	PAREA6	5
606252.2	4122780	0.6099	59.01	59.01	1.5	ANNUAL	PAREA6	5
606272.2	4122780	0.6054	58.92	58.92	1.5	ANNUAL	PAREA6	5
606292.2	4122780	0.59899	58.83	58.83	1.5	ANNUAL	PAREA6	5
606312.2	4122780	0.59072	58.8	58.8	1.5	ANNUAL	PAREA6	5
606352.2	4122780	0.56988	58.75	58.75	1.5	ANNUAL	PAREA6	5
606372.2	4122780	0.55806	58.61	58.61	1.5	ANNUAL	PAREA6	5
606392.2	4122780	0.54519	58.65	58.65	1.5	ANNUAL	PAREA6	5
606412.2	4122780	0.53176	58.67	58.67	1.5	ANNUAL	PAREA6	5
606432.2	4122780	0.51785	58.69	58.69	1.5	ANNUAL	PAREA6	5

606452.2	4122780	0.50344	58.72	58.72	1.5	ANNUAL	PAREA6	5
606472.2	4122780	0.48834	58.8	58.8	1.5	ANNUAL	PAREA6	5
606492.2	4122780	0.47266	58.78	58.78	1.5	ANNUAL	PAREA6	5
606512.2	4122780	0.45585	58.99	58.99	1.5	ANNUAL	PAREA6	5
606532.2	4122780	0.43856	58.87	58.87	1.5	ANNUAL	PAREA6	5
606552.2	4122780	0.42023	58.84	58.84	1.5	ANNUAL	PAREA6	5
606572.2	4122780	0.40099	58.9	58.9	1.5	ANNUAL	PAREA6	5
606592.2	4122780	0.38119	58.86	58.86	1.5	ANNUAL	PAREA6	5
606852.2	4122780	0.16254	59.42	59.42	1.5	ANNUAL	PAREA6	5
606872.2	4122780	0.15233	59.78	59.78	1.5	ANNUAL	PAREA6	5
606892.2	4122780	0.14312	59.88	59.88	1.5	ANNUAL	PAREA6	5
606912.2	4122780	0.13495	59.41	59.41	1.5	ANNUAL	PAREA6	5
606932.2	4122780	0.12738	59.16	59.16	1.5	ANNUAL	PAREA6	5
606952.2	4122780	0.12037	59.13	59.13	1.5	ANNUAL	PAREA6	5
606972.2	4122780	0.11391	59.24	59.24	1.5	ANNUAL	PAREA6	5
606992.2	4122780	0.108	59.35	59.35	1.5	ANNUAL	PAREA6	5
607012.2	4122780	0.10259	59.45	59.45	1.5	ANNUAL	PAREA6	5
607032.2	4122780	0.09763	59.54	59.54	1.5	ANNUAL	PAREA6	5
607052.2	4122780	0.09308	59.6	59.6	1.5	ANNUAL	PAREA6	5
605632.2	4122800	0.24926	55.94	55.94	1.5	ANNUAL	PAREA6	5
605652.2	4122800	0.26047	55.72	55.72	1.5	ANNUAL	PAREA6	5
605672.2	4122800	0.27212	55.44	55.44	1.5	ANNUAL	PAREA6	5
605692.2	4122800	0.28456	55.95	55.95	1.5	ANNUAL	PAREA6	5
605712.2	4122800	0.29736	56.24	56.24	1.5	ANNUAL	PAREA6	5
605732.2	4122800	0.31043	56.16	56.16	1.5	ANNUAL	PAREA6	5
605772.2	4122800	0.33781	56.15	56.15	1.5	ANNUAL	PAREA6	5
605872.2	4122800	0.41105	56.54	56.54	1.5	ANNUAL	PAREA6	5
605892.2	4122800	0.42609	56.82	56.82	1.5	ANNUAL	PAREA6	5
605912.2	4122800	0.44092	56.89	56.89	1.5	ANNUAL	PAREA6	5
605952.2	4122800	0.46978	56.89	56.89	1.5	ANNUAL	PAREA6	5
605992.2	4122800	0.49733	57.38	57.38	1.5	ANNUAL	PAREA6	5
606032.2	4122800	0.52205	57.49	57.49	1.5	ANNUAL	PAREA6	5
606112.2	4122800	0.55951	58.52	58.52	1.5	ANNUAL	PAREA6	5
606352.2	4122800	0.52856	58.58	58.58	1.5	ANNUAL	PAREA6	5
606372.2	4122800	0.51754	58.38	58.38	1.5	ANNUAL	PAREA6	5
606392.2	4122800	0.50532	58.59	58.59	1.5	ANNUAL	PAREA6	5
606412.2	4122800	0.49286	58.67	58.67	1.5	ANNUAL	PAREA6	5
606432.2	4122800	0.48011	58.67	58.67	1.5	ANNUAL	PAREA6	5
606452.2	4122800	0.46689	58.68	58.68	1.5	ANNUAL	PAREA6	5
606472.2	4122800	0.45301	58.77	58.77	1.5	ANNUAL	PAREA6	5
606492.2	4122800	0.43872	58.69	58.69	1.5	ANNUAL	PAREA6	5
606512.2	4122800	0.42327	58.94	58.94	1.5	ANNUAL	PAREA6	5
606532.2	4122800	0.40753	58.78	58.78	1.5	ANNUAL	PAREA6	5
606552.2	4122800	0.39086	58.77	58.77	1.5	ANNUAL	PAREA6	5
606572.2	4122800	0.37347	58.78	58.78	1.5	ANNUAL	PAREA6	5
606672.2	4122800	0.28178	59.6	59.6	1.5	ANNUAL	PAREA6	5
606692.2	4122800	0.26421	59.7	59.7	1.5	ANNUAL	PAREA6	5

606712.2	4122800	0.24749	59.64	59.64	1.5	ANNUAL	PAREA6	5
606732.2	4122800	0.2316	59.58	59.58	1.5	ANNUAL	PAREA6	5
606752.2	4122800	0.21672	59.35	59.35	1.5	ANNUAL	PAREA6	5
606852.2	4122800	0.15598	59.84	59.84	1.5	ANNUAL	PAREA6	5
606872.2	4122800	0.14659	59.89	59.89	1.5	ANNUAL	PAREA6	5
606892.2	4122800	0.13804	59.8	59.8	1.5	ANNUAL	PAREA6	5
606912.2	4122800	0.13034	59.35	59.35	1.5	ANNUAL	PAREA6	5
606932.2	4122800	0.12313	59.26	59.26	1.5	ANNUAL	PAREA6	5
606952.2	4122800	0.11645	59.35	59.35	1.5	ANNUAL	PAREA6	5
606972.2	4122800	0.11036	59.35	59.35	1.5	ANNUAL	PAREA6	5
606992.2	4122800	0.10474	59.48	59.48	1.5	ANNUAL	PAREA6	5
607012.2	4122800	0.09958	59.6	59.6	1.5	ANNUAL	PAREA6	5
607032.2	4122800	0.09484	59.72	59.72	1.5	ANNUAL	PAREA6	5
607052.2	4122800	0.09047	59.83	59.83	1.5	ANNUAL	PAREA6	5
605632.2	4122820	0.2532	56.01	56.01	1.5	ANNUAL	PAREA6	5
605652.2	4122820	0.26418	55.93	55.93	1.5	ANNUAL	PAREA6	5
605672.2	4122820	0.2754	55.46	55.46	1.5	ANNUAL	PAREA6	5
605692.2	4122820	0.28735	55.87	55.87	1.5	ANNUAL	PAREA6	5
605712.2	4122820	0.29962	56.12	56.12	1.5	ANNUAL	PAREA6	5
605732.2	4122820	0.31216	56.28	56.28	1.5	ANNUAL	PAREA6	5
605832.2	4122820	0.37808	56.19	56.19	1.5	ANNUAL	PAREA6	5
605852.2	4122820	0.39175	56.45	56.45	1.5	ANNUAL	PAREA6	5
605872.2	4122820	0.40539	56.68	56.68	1.5	ANNUAL	PAREA6	5
605892.2	4122820	0.41887	56.85	56.85	1.5	ANNUAL	PAREA6	5
605912.2	4122820	0.43197	56.78	56.78	1.5	ANNUAL	PAREA6	5
605952.2	4122820	0.45726	56.78	56.78	1.5	ANNUAL	PAREA6	5
606672.2	4122820	0.26539	60.05	60.05	1.5	ANNUAL	PAREA6	5
606692.2	4122820	0.24953	60.05	60.05	1.5	ANNUAL	PAREA6	5
606712.2	4122820	0.23427	60.05	60.05	1.5	ANNUAL	PAREA6	5
606732.2	4122820	0.21973	60.04	60.04	1.5	ANNUAL	PAREA6	5
606752.2	4122820	0.20612	59.76	59.76	1.5	ANNUAL	PAREA6	5
606852.2	4122820	0.15006	59.81	59.81	1.5	ANNUAL	PAREA6	5
606872.2	4122820	0.14135	59.66	59.66	1.5	ANNUAL	PAREA6	5
606892.2	4122820	0.13333	59.52	59.52	1.5	ANNUAL	PAREA6	5
606912.2	4122820	0.126	59.24	59.24	1.5	ANNUAL	PAREA6	5
606932.2	4122820	0.11918	59.17	59.17	1.5	ANNUAL	PAREA6	5
606952.2	4122820	0.11274	59.58	59.58	1.5	ANNUAL	PAREA6	5
606972.2	4122820	0.10699	59.5	59.5	1.5	ANNUAL	PAREA6	5
606992.2	4122820	0.10165	59.61	59.61	1.5	ANNUAL	PAREA6	5
607012.2	4122820	0.09673	59.73	59.73	1.5	ANNUAL	PAREA6	5
607032.2	4122820	0.09221	59.84	59.84	1.5	ANNUAL	PAREA6	5
607052.2	4122820	0.08803	59.95	59.95	1.5	ANNUAL	PAREA6	5
605632.2	4122840	0.25639	56.04	56.04	1.5	ANNUAL	PAREA6	5
605652.2	4122840	0.26703	56.02	56.02	1.5	ANNUAL	PAREA6	5
605672.2	4122840	0.27784	55.61	55.61	1.5	ANNUAL	PAREA6	5
605692.2	4122840	0.28906	55.54	55.54	1.5	ANNUAL	PAREA6	5
605712.2	4122840	0.30084	56.03	56.03	1.5	ANNUAL	PAREA6	5

605792.2	4122840	0.349	55.98	55.98	1.5	ANNUAL	PAREA6	5
605812.2	4122840	0.36155	56.36	56.36	1.5	ANNUAL	PAREA6	5
605832.2	4122840	0.37392	56.44	56.44	1.5	ANNUAL	PAREA6	5
605852.2	4122840	0.38626	56.61	56.61	1.5	ANNUAL	PAREA6	5
605872.2	4122840	0.39842	56.67	56.67	1.5	ANNUAL	PAREA6	5
605892.2	4122840	0.41029	56.62	56.62	1.5	ANNUAL	PAREA6	5
605912.2	4122840	0.4219	56.64	56.64	1.5	ANNUAL	PAREA6	5
606092.2	4122840	0.50065	57.96	57.96	1.5	ANNUAL	PAREA6	5
606112.2	4122840	0.50482	57.62	57.62	1.5	ANNUAL	PAREA6	5
606192.2	4122840	0.50912	57.89	57.89	1.5	ANNUAL	PAREA6	5
606212.2	4122840	0.50681	58.17	58.17	1.5	ANNUAL	PAREA6	5
606252.2	4122840	0.49798	58.37	58.37	1.5	ANNUAL	PAREA6	5
606272.2	4122840	0.49173	58.44	58.44	1.5	ANNUAL	PAREA6	5
606292.2	4122840	0.4845	58.42	58.42	1.5	ANNUAL	PAREA6	5
606312.2	4122840	0.47635	58.42	58.42	1.5	ANNUAL	PAREA6	5
606332.2	4122840	0.46764	58.29	58.29	1.5	ANNUAL	PAREA6	5
606352.2	4122840	0.45811	58.35	58.35	1.5	ANNUAL	PAREA6	5
606372.2	4122840	0.44837	58.21	58.21	1.5	ANNUAL	PAREA6	5
606392.2	4122840	0.43807	58.27	58.27	1.5	ANNUAL	PAREA6	5
606412.2	4122840	0.42738	58.38	58.38	1.5	ANNUAL	PAREA6	5
606432.2	4122840	0.41641	58.49	58.49	1.5	ANNUAL	PAREA6	5
606452.2	4122840	0.40516	58.48	58.48	1.5	ANNUAL	PAREA6	5
606672.2	4122840	0.25084	60.04	60.04	1.5	ANNUAL	PAREA6	5
606692.2	4122840	0.23641	60.04	60.04	1.5	ANNUAL	PAREA6	5
606712.2	4122840	0.22247	60.04	60.04	1.5	ANNUAL	PAREA6	5
606732.2	4122840	0.20914	60.04	60.04	1.5	ANNUAL	PAREA6	5
606752.2	4122840	0.19671	59.62	59.62	1.5	ANNUAL	PAREA6	5
606852.2	4122840	0.14453	59.73	59.73	1.5	ANNUAL	PAREA6	5
606872.2	4122840	0.13642	59.38	59.38	1.5	ANNUAL	PAREA6	5
606892.2	4122840	0.12887	59.24	59.24	1.5	ANNUAL	PAREA6	5
606912.2	4122840	0.1219	59.1	59.1	1.5	ANNUAL	PAREA6	5
606932.2	4122840	0.11544	59.07	59.07	1.5	ANNUAL	PAREA6	5
606952.2	4122840	0.10926	59.74	59.74	1.5	ANNUAL	PAREA6	5
606972.2	4122840	0.10379	59.69	59.69	1.5	ANNUAL	PAREA6	5
606992.2	4122840	0.09872	59.74	59.74	1.5	ANNUAL	PAREA6	5
607012.2	4122840	0.09403	59.86	59.86	1.5	ANNUAL	PAREA6	5
607032.2	4122840	0.08971	59.97	59.97	1.5	ANNUAL	PAREA6	5
607052.2	4122840	0.08573	60	60	1.5	ANNUAL	PAREA6	5
606158.5	4121900	0.06057	57.39	313.5	1.5	ANNUAL	PAREA6	5
606169	4121883	0.05668	57.41	313.5	1.5	ANNUAL	PAREA6	5
606132.1	4121801	0.03974	57.52	313.5	1.5	ANNUAL	PAREA6	5
606385	4122113	0.36819	61.43	61.43	1.5	ANNUAL	PAREA6	5
606405	4122113	0.398	61.72	61.72	1.5	ANNUAL	PAREA6	5
606425	4122113	0.43379	61.52	61.52	1.5	ANNUAL	PAREA6	5
606445	4122113	0.47977	60.48	60.48	1.5	ANNUAL	PAREA6	5
606465	4122113	0.53793	59.09	59.09	1.5	ANNUAL	PAREA6	5
606385	4122133	0.44322	61.8	61.8	1.5	ANNUAL	PAREA6	5

606405	4122133	0.48874	61.32	61.32	1.5	ANNUAL	PAREA6	5
606425	4122133	0.54172	60.86	60.86	1.5	ANNUAL	PAREA6	5
606445	4122133	0.60507	60.28	60.28	1.5	ANNUAL	PAREA6	5
606465	4122133	0.68621	59.15	59.15	1.5	ANNUAL	PAREA6	5
606385	4122153	0.54309	60.69	61.52	1.5	ANNUAL	PAREA6	5
606405	4122153	0.60622	60.54	60.54	1.5	ANNUAL	PAREA6	5
606425	4122153	0.68252	60.21	60.21	1.5	ANNUAL	PAREA6	5
606445	4122153	0.77536	59.8	59.8	1.5	ANNUAL	PAREA6	5
606465	4122153	0.89115	59.25	59.25	1.5	ANNUAL	PAREA6	5
606385	4122173	0.67855	57.94	61.91	1.5	ANNUAL	PAREA6	5
606405	4122173	0.76645	58.59	60.32	1.5	ANNUAL	PAREA6	5
606425	4122173	0.87704	58.64	58.64	1.5	ANNUAL	PAREA6	5
606445	4122173	1.02145	57.99	59.8	1.5	ANNUAL	PAREA6	5
606465	4122173	1.19803	58.06	59.47	1.5	ANNUAL	PAREA6	5
606385	4122193	0.83053	57.29	57.29	1.5	ANNUAL	PAREA6	5
606405	4122193	0.9597	57.3	57.3	1.5	ANNUAL	PAREA6	5
606425	4122193	1.12302	57.36	57.36	1.5	ANNUAL	PAREA6	5
606445	4122193	1.33048	57.02	57.02	1.5	ANNUAL	PAREA6	5
606465	4122193	1.61379	57.48	58.37	1.5	ANNUAL	PAREA6	5

CONCUNIT /m^3

DEPUNIT g ^2

* AERMOD (23132): C:\Lakes\AERMOD View\Kaiser - Additional Staging Area\Kaiser - Addit 12/18/23
* AERMET (19191): 18:46:25
* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: PAREA7
* FOR A TOTAL OF 2925 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
605632.2	4121420	0.01329	56.12	313.5	1.5	ANNUAL	PAREA7	5	
605652.2	4121420	0.0132	56.27	313.5	1.5	ANNUAL	PAREA7	5	
605672.2	4121420	0.01311	55.57	313.5	1.5	ANNUAL	PAREA7	5	
605692.2	4121420	0.01303	55.91	313.5	1.5	ANNUAL	PAREA7	5	
605712.2	4121420	0.01296	56.29	313.5	1.5	ANNUAL	PAREA7	5	
605732.2	4121420	0.0129	56.54	313.5	1.5	ANNUAL	PAREA7	5	
605752.2	4121420	0.01286	56.56	313.5	1.5	ANNUAL	PAREA7	5	
605772.2	4121420	0.01284	56.68	313.5	1.5	ANNUAL	PAREA7	5	
605792.2	4121420	0.01284	56.74	313.5	1.5	ANNUAL	PAREA7	5	
605812.2	4121420	0.01285	56.85	313.5	1.5	ANNUAL	PAREA7	5	
605832.2	4121420	0.01288	56.94	313.5	1.5	ANNUAL	PAREA7	5	
605852.2	4121420	0.0129	56.97	313.5	1.5	ANNUAL	PAREA7	5	
605872.2	4121420	0.01292	56.99	313.5	1.5	ANNUAL	PAREA7	5	
605892.2	4121420	0.01293	57.31	313.5	1.5	ANNUAL	PAREA7	5	
605912.2	4121420	0.01292	57.25	313.5	1.5	ANNUAL	PAREA7	5	
605932.2	4121420	0.01289	57.32	313.5	1.5	ANNUAL	PAREA7	5	
605952.2	4121420	0.01285	57.39	313.5	1.5	ANNUAL	PAREA7	5	
605972.2	4121420	0.0128	57.4	313.5	1.5	ANNUAL	PAREA7	5	
605992.2	4121420	0.01274	57.54	313.5	1.5	ANNUAL	PAREA7	5	
606012.2	4121420	0.01269	57.65	313.5	1.5	ANNUAL	PAREA7	5	
606032.2	4121420	0.01266	57.64	313.5	1.5	ANNUAL	PAREA7	5	
606052.2	4121420	0.01268	57.67	313.5	1.5	ANNUAL	PAREA7	5	
606072.2	4121420	0.01278	57.7	313.5	1.5	ANNUAL	PAREA7	5	
606092.2	4121420	0.01297	57.58	313.5	1.5	ANNUAL	PAREA7	5	
606112.2	4121420	0.01329	57.29	313.5	1.5	ANNUAL	PAREA7	5	
606132.2	4121420	0.01378	57.65	313.5	1.5	ANNUAL	PAREA7	5	
606152.2	4121420	0.01447	57.77	313.5	1.5	ANNUAL	PAREA7	5	
606172.2	4121420	0.01538	57.87	313.5	1.5	ANNUAL	PAREA7	5	
606192.2	4121420	0.01651	57.9	313.5	1.5	ANNUAL	PAREA7	5	
606212.2	4121420	0.01787	57.87	313.5	1.5	ANNUAL	PAREA7	5	
606232.2	4121420	0.01942	57.92	313.5	1.5	ANNUAL	PAREA7	5	
606252.2	4121420	0.0211	57.96	313.5	1.5	ANNUAL	PAREA7	5	
606272.2	4121420	0.02284	58.02	313.5	1.5	ANNUAL	PAREA7	5	
606292.2	4121420	0.02453	58.1	313.5	1.5	ANNUAL	PAREA7	5	
606312.2	4121420	0.02608	58.18	313.5	1.5	ANNUAL	PAREA7	5	
606332.2	4121420	0.02738	58.12	313.5	1.5	ANNUAL	PAREA7	5	
606352.2	4121420	0.02838	58.13	313.5	1.5	ANNUAL	PAREA7	5	
606372.2	4121420	0.02904	58.21	313.5	1.5	ANNUAL	PAREA7	5	
606392.2	4121420	0.02937	58.18	313.5	1.5	ANNUAL	PAREA7	5	
606412.2	4121420	0.02938	58.25	313.5	1.5	ANNUAL	PAREA7	5	
606432.2	4121420	0.02916	58.51	313.5	1.5	ANNUAL	PAREA7	5	
606452.2	4121420	0.02887	58.21	313.5	1.5	ANNUAL	PAREA7	5	
606472.2	4121420	0.02859	57.94	313.5	1.5	ANNUAL	PAREA7	5	
606492.2	4121420	0.02852	58.01	313.5	1.5	ANNUAL	PAREA7	5	
606512.2	4121420	0.02881	58.38	313.5	1.5	ANNUAL	PAREA7	5	
606532.2	4121420	0.02967	58.56	313.5	1.5	ANNUAL	PAREA7	5	
606552.2	4121420	0.03124	58.28	313.5	1.5	ANNUAL	PAREA7	5	
606572.2	4121420	0.03343	58.14	313.5	1.5	ANNUAL	PAREA7	5	
606592.2	4121420	0.03602	58.6	313.5	1.5	ANNUAL	PAREA7	5	
606612.2	4121420	0.03891	58.68	313.5	1.5	ANNUAL	PAREA7	5	
606632.2	4121420	0.04173	58.71	313.5	1.5	ANNUAL	PAREA7	5	
606652.2	4121420	0.04417	58.72	313.5	1.5	ANNUAL	PAREA7	5	
606672.2	4121420	0.04604	58.81	313.5	1.5	ANNUAL	PAREA7	5	
606692.2	4121420	0.04733	58.86	313.5	1.5	ANNUAL	PAREA7	5	
606712.2	4121420	0.04816	58.92	313.5	1.5	ANNUAL	PAREA7	5	

606732.2	4121420	0.04883	58.96	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121420	0.04967	59.07	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121420	0.05101	59.16	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121420	0.05311	59.26	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121420	0.05603	59.44	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121420	0.05978	59.46	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121420	0.06407	59.58	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121420	0.06872	59.53	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121420	0.07332	59.61	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121420	0.07766	59.72	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121420	0.08167	59.66	313.5	1.5	ANNUAL	PAREA7	5
606952.2	4121420	0.08543	59.18	313.5	1.5	ANNUAL	PAREA7	5
606972.2	4121420	0.08843	59.62	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121420	0.09123	59.87	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121420	0.09398	59.87	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121420	0.09693	59.37	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121420	0.09965	59.49	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121440	0.0139	56.05	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121440	0.01383	56.13	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121440	0.01374	55.38	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121440	0.01365	56.09	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121440	0.01357	56.42	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121440	0.01349	56.49	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121440	0.01342	56.49	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121440	0.01338	56.63	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121440	0.01336	56.78	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121440	0.01336	56.87	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121440	0.01336	56.94	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121440	0.01339	56.97	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121440	0.01341	57.02	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121440	0.01343	57.15	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121440	0.01343	57.22	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121440	0.01342	57.31	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121440	0.01339	57.34	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121440	0.01335	57.37	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121440	0.01329	57.49	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121440	0.01324	57.6	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121440	0.01319	57.63	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121440	0.01319	57.68	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121440	0.01323	57.76	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121440	0.01337	57.5	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121440	0.01362	57.25	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121440	0.01403	57.57	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121440	0.01464	57.76	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121440	0.01548	57.79	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121440	0.01656	57.82	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121440	0.01789	57.9	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121440	0.01944	57.84	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121440	0.02117	57.95	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121440	0.02301	58.09	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121440	0.02484	58.08	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121440	0.02656	58.11	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121440	0.02805	58.26	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4121440	0.02923	58.36	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121440	0.03005	58.47	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121440	0.03051	58.51	313.5	1.5	ANNUAL	PAREA7	5
606412.2	4121440	0.03063	58.5	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121440	0.03049	58.44	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121440	0.03021	57.94	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121440	0.02992	58.07	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121440	0.02981	58.23	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121440	0.03012	58	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121440	0.03101	57.91	313.5	1.5	ANNUAL	PAREA7	5

606552.2	4121440	0.0326	57.95	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121440	0.03487	58.26	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121440	0.03766	58.41	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121440	0.04072	58.52	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121440	0.04371	58.64	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121440	0.04629	58.76	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121440	0.04827	58.83	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121440	0.04962	58.94	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121440	0.05053	58.98	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121440	0.05132	59	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121440	0.05234	59.07	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121440	0.05399	59.09	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121440	0.05647	59.11	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121440	0.05987	59.15	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121440	0.06405	59.23	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121440	0.0688	59.28	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121440	0.07376	59.35	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121440	0.07865	59.39	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121440	0.08319	59.46	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121440	0.08729	59.56	313.5	1.5	ANNUAL	PAREA7	5
606952.2	4121440	0.09117	59.12	313.5	1.5	ANNUAL	PAREA7	5
606972.2	4121440	0.09422	59.72	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121440	0.09725	59.82	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121440	0.10021	59.83	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121440	0.10331	59.6	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121440	0.10655	59.27	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121460	0.01452	56.11	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121460	0.01447	55.9	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121460	0.0144	55.4	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121460	0.01432	56.15	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121460	0.01423	56.46	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121460	0.01414	56.39	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121460	0.01405	55.88	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121460	0.01399	55.96	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121460	0.01394	56.13	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121460	0.01391	56.2	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121460	0.01391	56.31	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121460	0.01391	56.41	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121460	0.01393	56.5	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121460	0.01395	56.58	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121460	0.01397	56.68	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121460	0.01397	56.82	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121460	0.01396	56.86	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121460	0.01393	57.01	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121460	0.01388	57.03	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121460	0.01382	57.17	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121460	0.01377	57.29	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121460	0.01374	57.35	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121460	0.01375	57.25	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121460	0.01384	57.14	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121460	0.01403	57.2	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121460	0.01436	57.18	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121460	0.01489	57.21	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121460	0.01564	57.28	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121460	0.01665	57.35	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121460	0.01792	57.35	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121460	0.01947	57.38	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121460	0.02123	57.46	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121460	0.02314	57.55	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121460	0.02511	57.62	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121460	0.02701	57.7	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121460	0.02871	57.89	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4121460	0.0301	58	313.5	1.5	ANNUAL	PAREA7	5

606372.2	4121460	0.03113	58.15	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121460	0.03175	58.16	313.5	1.5	ANNUAL	PAREA7	5
606412.2	4121460	0.03199	58.19	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121460	0.03192	58.11	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121460	0.03165	57.85	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121460	0.03133	58.35	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121460	0.03119	58.47	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121460	0.03148	58.37	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121460	0.03241	58.19	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121460	0.03405	57.99	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121460	0.03644	57.88	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121460	0.03944	57.93	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121460	0.04272	58.06	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121460	0.04592	58.23	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121460	0.04866	58.38	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121460	0.05076	58.53	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121460	0.0522	58.63	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121460	0.05321	58.67	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121460	0.05414	58.68	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121460	0.05541	58.68	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121460	0.05739	58.68	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121460	0.06031	58.7	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121460	0.1039	59.77	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121460	0.10716	59.72	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121460	0.1105	59.63	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121460	0.11417	59.14	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121480	0.01513	56.28	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121480	0.01512	55.6	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121480	0.01508	55.65	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121480	0.01502	56.22	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121480	0.01494	56.48	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121480	0.01485	56.14	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121480	0.01475	55.72	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121480	0.01467	56.08	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121480	0.0146	56.15	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121480	0.01454	56.2	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121480	0.01451	56.2	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121480	0.0145	56.24	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121480	0.01451	56.32	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121480	0.01452	56.38	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121480	0.01454	56.43	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121480	0.01455	56.51	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121480	0.01455	56.52	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121480	0.01454	56.66	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121480	0.0145	56.66	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121480	0.01445	56.69	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121480	0.0144	56.84	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121480	0.01436	57.06	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121480	0.01434	57.31	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121480	0.01438	57.3	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121480	0.01451	57.23	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121480	0.01477	57.37	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121480	0.01521	57.37	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121480	0.01587	57.39	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121480	0.01679	57.42	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121480	0.018	57.35	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121480	0.01951	57.39	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121480	0.02128	57.44	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121480	0.02326	57.52	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121480	0.02535	57.55	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121480	0.02742	57.64	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121480	0.02933	57.76	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4121480	0.03096	57.87	313.5	1.5	ANNUAL	PAREA7	5

606372.2	4121480	0.0322	58.06	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121480	0.03301	58.09	313.5	1.5	ANNUAL	PAREA7	5
606412.2	4121480	0.0334	57.89	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121480	0.03342	57.73	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121480	0.0332	57.9	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121480	0.0329	58.14	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121480	0.03273	58.4	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121480	0.03297	58.5	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121480	0.03387	58.49	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121480	0.03558	58.37	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121480	0.03811	58.34	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121480	0.04129	58.37	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121480	0.0448	58.32	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121480	0.04824	58.27	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121480	0.0512	58.25	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121480	0.05347	58.27	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121480	0.05503	58.31	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121480	0.05615	58.36	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121480	0.05723	58.46	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121480	0.05872	58.59	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121480	0.06107	58.68	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121480	0.06445	58.76	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121480	0.11122	59.83	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121480	0.11503	59.41	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121480	0.11879	59.21	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121480	0.12254	59.13	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121500	0.01572	56.09	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121500	0.01576	55.49	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121500	0.01577	56.02	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121500	0.01574	56.36	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121500	0.01569	56.42	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121500	0.0156	55.68	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121500	0.01552	56.2	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121500	0.01542	56.64	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121500	0.01534	56.7	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121500	0.01526	56.83	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121500	0.0152	56.85	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121500	0.01516	56.86	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121500	0.01515	56.96	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121500	0.01515	57.08	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121500	0.01516	57.09	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121500	0.01518	57.18	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121500	0.01519	57.13	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121500	0.01519	57.23	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121500	0.01517	57.21	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121500	0.01513	56.92	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121500	0.01508	56.99	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121500	0.01504	57.64	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121500	0.015	57.83	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121500	0.015	57.47	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121500	0.01508	57.27	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121500	0.01527	57.55	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121500	0.01562	57.84	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121500	0.01618	57.68	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121500	0.01701	57.78	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121500	0.01813	57.77	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121500	0.01958	57.79	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121500	0.02134	57.91	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121500	0.02336	58.01	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121500	0.02555	58.03	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121500	0.02779	58.18	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121500	0.02992	58.21	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4121500	0.03178	58.29	313.5	1.5	ANNUAL	PAREA7	5

606372.2	4121500	0.03326	58.44	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121500	0.03429	58.43	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121500	0.03502	57.81	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121500	0.03486	57.65	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121500	0.03458	57.7	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121500	0.03442	58.02	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121500	0.03465	58.22	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121500	0.03551	58.47	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121500	0.03725	58.54	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121500	0.03989	58.58	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121500	0.04328	58.59	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121500	0.04701	58.65	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121500	0.05067	58.67	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121500	0.05382	58.7	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121500	0.05624	58.7	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121500	0.0579	58.8	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121500	0.05914	58.84	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121500	0.06042	58.91	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121500	0.06224	59.01	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121500	0.06502	59.09	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121500	0.069	59.04	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121500	0.11941	59.84	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121500	0.12338	59.76	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121500	0.12746	59.62	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121500	0.13178	59.17	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121520	0.01626	55.62	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121520	0.01636	55.67	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121520	0.01643	56.12	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121520	0.01646	56.37	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121520	0.01644	56.17	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121520	0.01639	55.47	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121520	0.01633	56.33	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121520	0.01624	56.64	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121520	0.01615	56.78	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121520	0.01605	56.82	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121520	0.01597	56.78	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121520	0.01591	56.81	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121520	0.01587	56.81	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121520	0.01585	56.98	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121520	0.01584	56.97	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121520	0.01585	57.01	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121520	0.01587	57.12	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121520	0.01588	57.2	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121520	0.01587	57.22	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121520	0.01585	56.77	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121520	0.01582	56.91	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121520	0.01577	57.54	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121520	0.01573	57.84	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121520	0.01571	57.53	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121520	0.01574	57.29	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121520	0.01586	57.16	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121520	0.01613	57.17	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121520	0.01659	57.15	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121520	0.01731	57.3	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121520	0.01833	57.26	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121520	0.01969	57.38	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121520	0.02141	57.35	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121520	0.02345	57.9	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121520	0.02572	57.98	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121520	0.02812	57.89	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121520	0.03047	57.91	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4121520	0.03261	57.92	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121520	0.03437	57.95	313.5	1.5	ANNUAL	PAREA7	5

606432.2	4121520	0.03672	58.1	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121520	0.03665	58.17	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121520	0.0364	58.06	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121520	0.03623	57.85	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121520	0.03644	57.81	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121520	0.03735	57.98	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121520	0.03916	58.24	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121520	0.04192	58.44	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121520	0.04551	58.54	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121520	0.04951	58.63	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121520	0.0534	58.78	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121520	0.05679	58.76	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121520	0.05933	58.92	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121520	0.06114	58.98	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121520	0.06254	59.01	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121520	0.06405	59.1	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121520	0.06626	59.16	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121520	0.06959	59.16	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121520	0.07419	59.15	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121520	0.09287	59.44	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121520	0.09938	59.43	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121520	0.10559	59.12	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121520	0.11097	59.23	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121520	0.11583	59.3	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121520	0.12848	59.98	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121520	0.13279	59.99	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121520	0.13718	59.92	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121520	0.14197	59.26	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121540	0.01675	55.39	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121540	0.01693	56.05	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121540	0.01706	56.25	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121540	0.01715	56.34	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121540	0.0172	56.37	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121540	0.01719	55.37	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121540	0.01717	56.42	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121540	0.0171	56.5	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121540	0.01702	56.43	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121540	0.01692	56.71	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121540	0.01683	56.62	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121540	0.01674	56.35	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121540	0.01667	56.66	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121540	0.01663	56.85	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121540	0.0166	56.84	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121540	0.0166	56.58	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121540	0.01661	56.81	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121540	0.01662	57	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121540	0.01663	57.14	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121540	0.01662	56.64	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121540	0.0166	56.86	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121540	0.01656	57.44	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121540	0.01652	57.82	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121540	0.01648	57.45	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121540	0.01648	57.25	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121540	0.01655	57.42	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121540	0.01674	57.36	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121540	0.0171	57.36	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121540	0.01771	57.45	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121540	0.01862	57.54	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121540	0.01988	57.46	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121540	0.02153	57.58	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121540	0.02355	57.88	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121540	0.02588	57.92	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121540	0.02842	58.05	313.5	1.5	ANNUAL	PAREA7	5

606332.2	4121540	0.03098	58.01	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4121540	0.03339	58.04	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121540	0.03835	58.32	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121540	0.03818	58.3	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121540	0.03837	58.26	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121540	0.0393	58.2	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121540	0.0412	58.04	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121540	0.04416	58.01	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121540	0.04803	58.12	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121540	0.05234	58.24	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121540	0.05653	58.39	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121540	0.06014	58.48	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121540	0.06288	58.61	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121540	0.06485	58.69	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121540	0.06644	58.75	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121540	0.06825	58.85	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121540	0.07094	58.89	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121540	0.07489	58.91	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121540	0.08015	59.01	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121540	0.10068	59.44	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121540	0.10769	59.28	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121540	0.1141	59.2	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121540	0.11977	59.28	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121540	0.13864	60.12	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121540	0.14345	60.04	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121540	0.14827	59.88	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121540	0.15324	59.32	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121560	0.01717	55.31	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121560	0.01742	55.47	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121560	0.01763	55.85	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121560	0.0178	55.96	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121560	0.01792	56.05	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121560	0.01798	55.3	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121560	0.01801	56.21	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121560	0.01799	56.27	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121560	0.01794	56.2	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121560	0.01786	56.51	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121560	0.01777	56.46	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121560	0.01767	56.05	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121560	0.01758	56.53	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121560	0.01751	56.71	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121560	0.01745	56.66	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121560	0.01742	56.08	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121560	0.01742	56.53	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121560	0.01743	56.94	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121560	0.01744	57.09	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121560	0.01744	56.53	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121560	0.01743	56.8	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121560	0.01741	57.31	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121560	0.01738	57.84	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121560	0.01734	57.36	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121560	0.01732	57.19	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121560	0.01735	57.47	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121560	0.01747	57.45	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121560	0.01774	57.53	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121560	0.01823	57.44	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121560	0.01901	57.55	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121560	0.02015	57.56	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121560	0.02171	57.43	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121560	0.02368	57.55	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121560	0.02604	57.71	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121560	0.02868	57.88	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121560	0.03145	57.72	313.5	1.5	ANNUAL	PAREA7	5

606412.2	4121560	0.03973	57.97	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121560	0.04034	58.25	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121560	0.04044	58.57	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121560	0.04136	58.57	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121560	0.04332	58.54	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121560	0.04646	58.5	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121560	0.05062	58.44	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121560	0.05528	58.38	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121560	0.05985	58.37	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121560	0.06379	58.37	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121560	0.06677	58.41	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121560	0.06894	58.45	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121560	0.07079	58.49	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121560	0.07299	58.57	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121560	0.07622	58.63	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121560	0.08088	58.68	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121560	0.11684	59.31	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121560	0.1235	59.35	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121560	0.12948	59.45	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121560	0.15017	60.12	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121560	0.15586	59.57	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121560	0.16105	59.38	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121560	0.16576	59.31	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121580	0.01755	55.87	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121580	0.01786	55.87	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121580	0.01814	55.58	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121580	0.01838	55.57	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121580	0.01858	55.5	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121580	0.01873	55.45	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121580	0.01883	55.54	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121580	0.01888	55.62	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121580	0.01888	55.68	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121580	0.01884	55.8	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121580	0.01877	55.9	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121580	0.01868	55.91	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121580	0.01858	55.89	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121580	0.01849	55.82	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121580	0.01841	55.87	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121580	0.01835	55.87	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121580	0.01832	56.04	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121580	0.01831	56.16	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121580	0.01832	56.29	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121580	0.01833	56.29	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121580	0.01833	56.77	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121580	0.01833	57.28	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121580	0.01831	57.7	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121580	0.01827	57.23	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121580	0.01824	57.13	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121580	0.01824	57.37	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121580	0.01831	57.44	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121580	0.0185	57.47	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121580	0.01888	57.23	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121580	0.01953	57.51	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121580	0.02054	57.53	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121580	0.02197	57.42	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121580	0.02386	57.57	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121580	0.02621	57.71	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121580	0.02893	57.89	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121580	0.03187	57.73	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121580	0.03983	57.88	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121580	0.04285	58.27	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121580	0.04371	58.53	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121580	0.04571	58.67	313.5	1.5	ANNUAL	PAREA7	5

606572.2	4121580	0.049	58.74	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121580	0.05343	58.75	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121580	0.05844	58.75	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121580	0.06336	58.81	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121580	0.06758	58.86	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121580	0.07078	58.93	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121580	0.07313	59.06	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121580	0.07533	58.93	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121580	0.07797	59	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121580	0.08185	59.05	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121580	0.08734	59.07	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121580	0.11075	59.51	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121580	0.11908	59.57	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121580	0.12687	59.57	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121580	0.1339	59.63	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121580	0.14034	59.62	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121580	0.16314	60.13	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121580	0.16903	59.82	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121580	0.17443	59.67	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121580	0.17945	59.39	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121600	0.01786	56.15	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121600	0.01824	56.23	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121600	0.01859	56.12	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121600	0.01891	56.1	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121600	0.0192	56.19	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121600	0.01943	56.26	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121600	0.01962	56.33	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121600	0.01975	56.39	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121600	0.01983	56.43	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121600	0.01986	56.51	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121600	0.01983	56.53	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121600	0.01977	56.53	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121600	0.01969	56.5	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121600	0.01959	56.5	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121600	0.01949	56.58	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121600	0.01941	56.55	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121600	0.01935	56.57	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121600	0.01932	56.64	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121600	0.0193	56.73	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121600	0.0193	56.86	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121600	0.01931	57	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121600	0.01931	57.21	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121600	0.01931	57.62	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121600	0.01929	57.16	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121600	0.01926	57.07	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121600	0.01925	57.31	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121600	0.01928	57.34	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121600	0.0194	57.31	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121600	0.01968	57.34	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121600	0.0202	57.26	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121600	0.02106	57.41	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121600	0.02234	57.49	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121600	0.02412	57.68	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121600	0.02641	57.77	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121600	0.02917	57.76	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4121600	0.03226	57.72	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121600	0.05193	58.54	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121600	0.05665	58.66	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121600	0.06202	58.87	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121600	0.06733	58.95	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121600	0.0719	59.03	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121600	0.07535	59.14	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121600	0.07799	59.18	313.5	1.5	ANNUAL	PAREA7	5

606712.2	4121600	0.08047	59.22	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121600	0.08364	59.32	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121600	0.08827	59.41	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121600	0.0947	59.43	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121600	0.13827	59.63	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121600	0.14583	59.59	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121600	0.15285	59.48	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121600	0.15945	59.44	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121600	0.17769	60.16	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121600	0.18372	60.07	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121600	0.1892	59.99	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121600	0.19466	59.41	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121620	0.01812	53.92	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121620	0.01853	53.91	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121620	0.01895	54.22	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121620	0.01934	54.4	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121620	0.01971	54.57	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121620	0.02004	54.82	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121620	0.02033	55.04	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121620	0.02056	55.14	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121620	0.02073	55.3	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121620	0.02084	55.41	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121620	0.0209	55.5	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121620	0.0209	55.63	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121620	0.02085	55.79	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121620	0.02078	55.97	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121620	0.02068	56.08	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121620	0.02059	56.15	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121620	0.0205	56.24	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121620	0.02044	56.34	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121620	0.0204	56.56	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121620	0.02038	56.66	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121620	0.02038	56.77	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121620	0.02039	56.98	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121620	0.0204	57.27	313.5	1.5	ANNUAL	PAREA7	5
606092.2	4121620	0.02039	57.06	313.5	1.5	ANNUAL	PAREA7	5
606112.2	4121620	0.02037	56.99	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121620	0.02036	57.02	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121620	0.02036	57.04	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121620	0.02044	57	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121620	0.02063	57.08	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121620	0.02103	57.1	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121620	0.02174	57.52	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121620	0.02286	57.59	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121620	0.02449	57.52	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121620	0.02669	57.57	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121620	0.02943	57.57	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121620	0.0426	58.45	313.5	1.5	ANNUAL	PAREA7	5
606412.2	4121620	0.04507	58.63	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121620	0.0468	58.54	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121620	0.04811	58.13	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121620	0.0483	58.08	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121620	0.15118	59.61	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121620	0.15927	59.59	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121620	0.16688	59.49	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121620	0.17414	59.46	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121620	0.19456	59.81	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121620	0.20076	59.81	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121620	0.20645	59.67	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121620	0.2116	59.39	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121640	0.0184	55.44	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121640	0.01884	55.43	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121640	0.01929	55.4	313.5	1.5	ANNUAL	PAREA7	5

605692.2	4121640	0.01974	55.37	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121640	0.02018	55.36	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121640	0.02059	55.34	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121640	0.02097	55.36	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121640	0.0213	55.33	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121640	0.02158	55.23	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121640	0.02179	55.16	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121640	0.02194	55	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121640	0.02203	54.94	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121640	0.02205	54.81	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121640	0.02203	54.74	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121640	0.02196	54.71	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121640	0.02187	54.67	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121640	0.02177	54.17	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121640	0.02168	53.9	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121640	0.02162	54.41	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121640	0.02158	54.59	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121640	0.02156	54.6	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121640	0.02156	54.56	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121640	0.02157	54.45	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121640	0.02175	57.43	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121640	0.02204	57.75	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121640	0.0226	58.28	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121640	0.02354	58.28	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121640	0.02501	57.87	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121640	0.02706	57.71	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121640	0.02975	57.94	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121640	0.05117	58.39	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121640	0.05136	58.5	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121640	0.05234	58.45	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121640	0.05462	58.52	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121640	0.05862	58.48	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121640	0.06417	58.5	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121640	0.07065	58.43	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121640	0.07699	58.48	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121640	0.1828	59.56	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121640	0.19075	59.6	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121640	0.2129	59.93	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121640	0.2192	59.99	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121640	0.22532	59.63	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121640	0.23073	59.29	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121660	0.01868	55.82	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121660	0.01914	55.88	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121660	0.01961	55.98	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121660	0.0201	56.04	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121660	0.02059	56.08	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121660	0.02107	56.16	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121660	0.02154	56.3	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121660	0.02197	56.31	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121660	0.02236	56.41	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121660	0.02269	56.49	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121660	0.02296	56.53	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121660	0.02316	56.62	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121660	0.02329	56.48	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121660	0.02335	56.48	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121660	0.02334	56.43	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121660	0.0233	56.5	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121660	0.02322	56.62	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121660	0.02313	56.69	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121660	0.02304	56.7	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121660	0.02297	56.82	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121660	0.02292	56.93	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121660	0.0229	57	313.5	1.5	ANNUAL	PAREA7	5

606072.2	4121660	0.0229	57.11	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121660	0.02292	57.5	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121660	0.02292	57.54	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121660	0.02295	57.43	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121660	0.02303	57.53	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121660	0.02324	57.77	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121660	0.02367	58.2	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121660	0.02443	58.32	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121660	0.0257	58.3	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121660	0.02759	58.19	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121660	0.03014	58.25	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121660	0.04133	57.91	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121660	0.05345	57.82	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121660	0.05463	58.24	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121660	0.05488	58.37	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121660	0.05581	58.56	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121660	0.05818	58.67	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121660	0.0624	58.76	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121660	0.06838	58.81	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121660	0.07542	58.79	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121660	0.08237	58.82	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121660	0.08828	58.95	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121660	0.09289	59.01	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121660	0.09669	59.12	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121660	0.10085	59.16	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121660	0.10651	59.27	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121660	0.11454	59.27	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121660	0.12507	59.04	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121660	0.23362	59.98	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121660	0.24012	60	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121660	0.24649	59.61	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121660	0.2523	59.27	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121680	0.02388	56.38	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121680	0.02421	56.63	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121680	0.02447	56.5	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121680	0.02464	56.13	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121680	0.02474	56.06	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121680	0.02477	56.13	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121680	0.02475	56.27	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121680	0.02469	56.39	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121680	0.0246	56.44	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121680	0.02452	56.56	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121680	0.02445	56.65	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121680	0.0244	56.75	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121680	0.02437	56.9	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121680	0.02496	57.61	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121680	0.02558	57.79	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121680	0.02664	57.57	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121680	0.0283	57.42	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121680	0.04218	58	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121680	0.04668	57.92	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121680	0.05419	58.24	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121680	0.06685	58.51	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121680	0.07337	58.53	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121680	0.08105	58.6	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121680	0.08867	58.7	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121680	0.0952	58.79	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121680	0.10031	58.91	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121680	0.10472	58.99	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121680	0.10965	59.15	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121680	0.11657	59.22	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121680	0.12616	59.22	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121680	0.13848	58.93	313.5	1.5	ANNUAL	PAREA7	5

606992.2	4121680	0.25706	59.99	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121680	0.26371	60.02	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121680	0.27045	59.66	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121680	0.27699	59.33	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121700	0.01944	56.02	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121700	0.01986	56.16	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121700	0.02032	56.13	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121700	0.02081	56.17	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121700	0.02134	56.18	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121700	0.0219	56.34	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121700	0.02248	56.27	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121700	0.02306	56.35	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121700	0.02364	56.31	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121700	0.02471	56.3	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121700	0.02518	56.64	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121700	0.02557	56.58	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121700	0.02589	56.1	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121700	0.02612	55.98	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121700	0.02628	56.12	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121700	0.02635	56.15	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121700	0.02635	56.24	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121700	0.02631	56.3	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121700	0.02624	56.33	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121700	0.02616	56.43	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121700	0.02609	56.47	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121700	0.02604	56.55	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121700	0.02606	57.05	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121700	0.0261	57.03	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121700	0.02615	57.26	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121700	0.02625	57.51	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121700	0.02649	57.64	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121700	0.02696	57.79	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121700	0.02783	57.66	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121700	0.02927	57.48	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121700	0.043	58.1	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121700	0.04794	58.07	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121700	0.05677	58.3	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121700	0.06165	58.11	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121700	0.06255	58.18	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121700	0.06312	58.17	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121700	0.06426	57.97	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121700	0.11404	58.7	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121700	0.12011	58.8	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121700	0.12861	58.83	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121700	0.13999	58.92	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121700	0.15409	58.82	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121700	0.28352	60.06	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121700	0.29039	60.15	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121700	0.29779	59.85	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121700	0.30593	59.36	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121720	0.02	56.06	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121720	0.02038	56.11	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121720	0.0208	56.2	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121720	0.02127	56.37	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121720	0.02178	56.42	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121720	0.02234	56.44	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121720	0.02293	56.5	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121720	0.02355	56.56	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121720	0.02419	56.32	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121720	0.02544	56.21	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121720	0.02604	56.58	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121720	0.02658	56.54	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121720	0.02705	56.11	313.5	1.5	ANNUAL	PAREA7	5

605912.2	4121720	0.02745	56.25	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121720	0.02776	56.64	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121720	0.02797	56.7	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121720	0.0281	56.8	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121720	0.02814	56.89	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121720	0.02812	56.89	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121720	0.02807	56.93	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121720	0.028	57.1	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121720	0.02793	57.13	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121720	0.02788	56.84	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121720	0.0279	56.98	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121720	0.02794	56.97	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121720	0.028	57.19	313.5	1.5	ANNUAL	PAREA7	5
606212.2	4121720	0.02809	57.44	313.5	1.5	ANNUAL	PAREA7	5
606232.2	4121720	0.02827	57.64	313.5	1.5	ANNUAL	PAREA7	5
606252.2	4121720	0.02863	57.74	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4121720	0.02932	57.76	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121720	0.03053	57.52	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121720	0.04385	58.17	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121720	0.04917	57.99	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121720	0.05939	58.42	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121720	0.06575	58.2	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121720	0.06705	58.35	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121720	0.06779	58.5	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121720	0.06918	58.11	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121720	0.07197	58.3	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121720	0.07707	58.63	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121720	0.08493	58.56	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121720	0.09457	58.23	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121720	0.10397	58.28	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121720	0.11198	58.44	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121720	0.11853	58.51	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121720	0.1248	58.43	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121720	0.13223	58.53	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121720	0.1425	58.65	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121720	0.15611	58.72	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121720	0.17237	58.69	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121720	0.31382	60.13	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121720	0.32188	60.03	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121720	0.33082	59.65	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121720	0.34005	59.45	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121740	0.02073	55.82	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121740	0.02105	55.8	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121740	0.02143	56.02	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121740	0.02185	56.29	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121740	0.02233	56.37	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121740	0.02286	56.18	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121740	0.02344	56.24	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121740	0.02406	56.48	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121740	0.02472	56.28	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121740	0.02612	56.19	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121740	0.02682	56.57	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121740	0.02749	56.47	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121740	0.02811	56.07	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121740	0.02868	56.17	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121740	0.02917	56.62	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121740	0.02956	56.72	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121740	0.02985	56.96	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121740	0.03003	56.96	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121740	0.03013	56.9	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121740	0.03015	56.98	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121740	0.03012	56.99	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121740	0.03006	57.09	313.5	1.5	ANNUAL	PAREA7	5

606392.2	4121740	0.0504	57.93	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121740	0.06202	58.53	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121740	0.07013	58.31	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121740	0.07198	58.55	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121740	0.07309	58.58	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121740	0.07471	58.15	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121740	0.07765	58.38	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121740	0.08308	58.81	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121740	0.09165	58.81	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121740	0.10246	58.35	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121740	0.11284	58.52	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121740	0.12163	58.87	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121740	0.12884	59.18	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121740	0.13666	58.7	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121740	0.14566	58.88	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121740	0.15778	59.26	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121740	0.17379	59.4	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121740	0.19337	58.84	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121740	0.21239	59.09	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121740	0.23048	59.44	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121740	0.24772	59.51	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121740	0.26347	59.7	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121740	0.27878	59.67	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121740	0.29315	59.76	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121740	0.30682	59.82	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121740	0.31941	59.86	313.5	1.5	ANNUAL	PAREA7	5
606952.2	4121740	0.33068	59.88	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121740	0.3505	59.68	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121740	0.35973	59.66	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121740	0.36936	59.72	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121740	0.3804	59.67	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121760	0.02167	55.76	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121760	0.02225	55.75	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121760	0.02262	56.21	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121760	0.02304	56.23	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121760	0.02406	56.08	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121760	0.02466	56.5	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121760	0.02532	56.24	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121760	0.02677	56.2	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121760	0.02754	56.59	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121760	0.02831	56.33	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121760	0.02907	55.9	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121760	0.0298	55.93	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121760	0.03047	56.21	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121760	0.03105	56.29	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121760	0.03155	56.74	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121760	0.03192	56.81	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121760	0.03219	56.76	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121760	0.03235	56.78	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121760	0.03242	56.78	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121760	0.03242	56.83	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121760	0.04583	57.94	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121760	0.06471	58.53	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121760	0.07484	58.37	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121760	0.07741	58.7	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121760	0.07906	58.59	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121760	0.08096	58.16	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121760	0.08411	58.4	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121760	0.08997	58.87	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121760	0.09941	58.9	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121760	0.11145	58.46	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121760	0.12312	58.61	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121760	0.13303	58.96	313.5	1.5	ANNUAL	PAREA7	5

606672.2	4121760	0.14137	59.24	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121760	0.15065	58.84	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121760	0.16176	59	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121760	0.17654	59.4	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121760	0.1957	59.45	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121760	0.2183	58.89	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121760	0.23951	59.24	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121760	0.25962	59.57	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121760	0.279	59.54	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121760	0.29694	59.59	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121760	0.31416	59.56	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121760	0.33046	59.55	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121760	0.34588	59.45	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121760	0.35957	59.43	313.5	1.5	ANNUAL	PAREA7	5
606952.2	4121760	0.3716	59.45	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121760	0.39196	59.84	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121760	0.40204	60.17	313.5	1.5	ANNUAL	PAREA7	5
607032.2	4121760	0.41413	60.22	313.5	1.5	ANNUAL	PAREA7	5
607052.2	4121760	0.42804	60.08	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121780	0.02284	55.73	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121780	0.02331	55.83	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121780	0.02361	56.23	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121780	0.02397	56.22	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121780	0.02487	56.07	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121780	0.02543	56.42	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121780	0.02604	56.17	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121780	0.02747	56.23	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121780	0.02827	56.44	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121780	0.02911	56.27	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121780	0.02996	55.8	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121780	0.03082	55.87	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121780	0.03166	56.1	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121780	0.03244	56.16	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121780	0.03375	56.96	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121780	0.03484	56.75	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121780	0.03498	56.91	313.5	1.5	ANNUAL	PAREA7	5
606132.2	4121780	0.03502	57.48	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121780	0.03502	57.4	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121780	0.03504	57.29	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121780	0.03509	57.42	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121780	0.03654	58.1	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121780	0.03768	58.02	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121780	0.04715	58.13	313.5	1.5	ANNUAL	PAREA7	5
606392.2	4121780	0.05305	58.08	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121780	0.06735	58.64	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121780	0.07984	58.48	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121780	0.08343	58.72	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121780	0.08572	58.64	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121780	0.08797	58.28	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121780	0.0914	58.51	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121780	0.09782	58.93	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121780	0.10836	58.88	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121780	0.12181	58.52	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121780	0.13495	58.69	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121780	0.14624	59.02	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121780	0.15599	59.28	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121780	0.16731	58.84	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121780	0.18097	59.07	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121780	0.19915	59.4	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121780	0.22174	59.52	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121780	0.24786	58.94	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121780	0.2726	58.95	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121780	0.29578	59.01	313.5	1.5	ANNUAL	PAREA7	5

606832.2	4121780	0.31738	59.06	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121780	0.33764	59.13	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121780	0.35656	59.27	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121780	0.37421	59.4	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121780	0.38989	59.61	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121780	0.40375	59.81	313.5	1.5	ANNUAL	PAREA7	5
606952.2	4121780	0.41617	60	313.5	1.5	ANNUAL	PAREA7	5
606992.2	4121780	0.4412	60.11	313.5	1.5	ANNUAL	PAREA7	5
607012.2	4121780	0.45519	60.11	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121800	0.02428	55.57	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121800	0.02464	55.68	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121800	0.02489	56.06	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121800	0.02518	55.93	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121800	0.02594	56.02	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121800	0.02643	56.25	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121800	0.02698	56.05	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121800	0.02832	56.14	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121800	0.02911	56.47	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121800	0.02996	56.29	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121800	0.03086	55.74	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121800	0.03181	56.17	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121800	0.03277	56.58	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121800	0.03372	56.73	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121800	0.03548	57.08	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121800	0.03732	56.84	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121800	0.03766	57.22	313.5	1.5	ANNUAL	PAREA7	5
606152.2	4121800	0.03808	57.69	313.5	1.5	ANNUAL	PAREA7	5
606172.2	4121800	0.0381	57.51	313.5	1.5	ANNUAL	PAREA7	5
606192.2	4121800	0.03815	57.58	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4121800	0.03944	58.16	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4121800	0.04035	58.27	313.5	1.5	ANNUAL	PAREA7	5
606372.2	4121800	0.04885	58.12	313.5	1.5	ANNUAL	PAREA7	5
606432.2	4121800	0.07004	58.67	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121800	0.08519	58.48	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121800	0.09004	58.7	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121800	0.09317	58.72	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121800	0.09569	58.73	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121800	0.09954	58.84	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121800	0.1068	59	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121800	0.11854	58.95	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121800	0.1333	58.95	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121800	0.14833	59.03	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121800	0.16146	59.2	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121800	0.17314	59.33	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121800	0.18622	59.34	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121800	0.20346	59.41	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121800	0.22604	59.54	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121800	0.25301	59.57	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121800	0.28313	59	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121800	0.31004	59.39	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121800	0.33593	59.5	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121800	0.36001	59.63	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121800	0.38279	59.71	313.5	1.5	ANNUAL	PAREA7	5
606872.2	4121800	0.40386	59.85	313.5	1.5	ANNUAL	PAREA7	5
606892.2	4121800	0.42314	59.97	313.5	1.5	ANNUAL	PAREA7	5
606912.2	4121800	0.44026	60.1	313.5	1.5	ANNUAL	PAREA7	5
606932.2	4121800	0.45636	60.03	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121860	0.03032	55.39	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121860	0.03042	54.86	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121860	0.03055	55.28	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121860	0.0307	55.7	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121860	0.03086	55.67	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121860	0.03104	55.24	313.5	1.5	ANNUAL	PAREA7	5

605752.2	4121860	0.03127	55.53	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121860	0.03154	55.85	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121860	0.03187	56.02	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121860	0.03225	55.58	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121860	0.03272	55.82	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121860	0.03327	56.15	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121860	0.03392	56.21	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121860	0.03468	55.73	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121860	0.03556	56.03	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121860	0.03656	56.36	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121860	0.03768	56.55	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121860	0.03889	56.72	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121860	0.0402	56.84	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121860	0.04156	57.02	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121860	0.04295	57.18	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121860	0.04432	57.25	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121860	0.04562	57.16	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121860	0.18294	58.8	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121860	0.20528	59.3	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121860	0.22587	59.65	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121860	0.24703	59.6	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121860	0.27286	59.59	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121860	0.30676	59.68	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121860	0.34876	59.59	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121860	0.39398	59.56	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121860	0.44013	59.2	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121860	0.4812	59.44	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121860	0.51993	59.57	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121860	0.55585	59.67	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121860	0.58832	59.79	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121880	0.03293	55.56	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121880	0.03306	54.97	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121880	0.03321	55.5	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121880	0.03337	55.91	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121880	0.03353	55.81	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121880	0.0337	55.32	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121880	0.0339	55.72	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121880	0.03414	56.18	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121880	0.03441	56.15	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121880	0.03473	55.63	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121880	0.03511	55.9	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121880	0.03558	56.41	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121880	0.03613	56.49	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121880	0.03678	55.84	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121880	0.03756	56.09	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121880	0.03846	56.23	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121880	0.03951	56.53	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121880	0.04068	56.7	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121880	0.04199	56.92	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121880	0.04342	57.09	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121880	0.04494	57.3	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121880	0.04652	57.42	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121880	0.04811	57.53	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121880	0.09524	58.72	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121880	0.10912	58.93	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121880	0.12247	58.94	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121880	0.13313	58.94	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121880	0.14087	58.99	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121880	0.14842	58.98	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121880	0.16091	58.58	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121880	0.18045	58.55	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121880	0.20562	58.89	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121880	0.2318	59.44	313.5	1.5	ANNUAL	PAREA7	5

606652.2	4121880	0.25636	59.84	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121880	0.28318	59.63	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121880	0.31606	59.68	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121880	0.35894	59.76	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121880	0.41012	59.73	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121880	0.46398	59.69	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121880	0.51811	59.33	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121880	0.56579	59.59	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121880	0.6103	59.76	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121880	0.6508	59.92	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121880	0.68725	60.04	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121900	0.03583	55.74	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121900	0.03601	54.98	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121900	0.03621	55.45	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121900	0.03641	55.88	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121900	0.0366	55.94	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121900	0.03679	55.35	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121900	0.037	55.74	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121900	0.03724	56.28	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121900	0.03749	56.2	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121900	0.03777	55.66	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121900	0.03811	56.01	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121900	0.0385	56.52	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121900	0.03897	56.6	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121900	0.03952	55.87	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121900	0.04018	55.86	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121900	0.04097	55.96	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121900	0.0419	56.1	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121900	0.04297	56.34	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121900	0.04421	56.46	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121900	0.04562	56.6	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121900	0.04717	56.73	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121900	0.04886	57.12	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121900	0.05064	57.56	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121900	0.10042	58.71	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121900	0.11602	58.9	313.5	1.5	ANNUAL	PAREA7	5
606492.2	4121900	0.13222	58.94	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121900	0.1462	58.95	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121900	0.15679	58.95	313.5	1.5	ANNUAL	PAREA7	5
606552.2	4121900	0.16624	58.98	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121900	0.1806	58.66	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121900	0.20316	58.66	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121900	0.23288	58.96	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121900	0.26414	59.49	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121900	0.29423	59.84	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121900	0.32852	59.56	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121900	0.37029	59.8	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121900	0.42488	59.84	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121900	0.48784	59.8	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121900	0.55259	59.72	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121900	0.61521	59.58	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121900	0.67245	59.64	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121900	0.72494	59.69	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121900	0.77224	59.73	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121900	0.81452	59.79	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121920	0.03899	55.77	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121920	0.03925	55.08	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121920	0.03953	55.52	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121920	0.0398	55.96	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121920	0.04006	56.03	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121920	0.0403	55.4	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121920	0.04057	55.84	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121920	0.04084	56.25	313.5	1.5	ANNUAL	PAREA7	5

605792.2	4121920	0.04111	56.17	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121920	0.0414	55.71	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121920	0.04173	56.11	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121920	0.0421	56.61	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121920	0.04251	56.54	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121920	0.04299	55.89	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121920	0.04357	56.24	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121920	0.04425	56.6	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121920	0.04506	56.78	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121920	0.04601	56.94	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121920	0.04713	57.03	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121920	0.04842	57.22	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121920	0.04992	57.35	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121920	0.0516	57.53	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121920	0.05346	57.65	313.5	1.5	ANNUAL	PAREA7	5
606452.2	4121920	0.10642	58.81	313.5	1.5	ANNUAL	PAREA7	5
606472.2	4121920	0.12349	58.89	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121920	0.17498	58.98	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121920	0.20341	59.02	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121920	0.22991	58.95	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121920	0.26583	59.06	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121920	0.30365	59.57	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121920	0.34098	59.92	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121920	0.38481	59.72	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121920	0.43806	60.21	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121920	0.50675	60.37	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121920	0.58408	60.34	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121920	0.66139	60.33	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121920	0.73529	60.24	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121920	0.80293	60.23	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121920	0.8637	60.26	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121920	0.91777	60.32	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121920	0.96918	60.2	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121940	0.04236	55.83	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121940	0.04275	55.73	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121940	0.04313	55.87	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121940	0.0435	56.07	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121940	0.04387	56.17	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121940	0.04422	56.07	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121940	0.04458	56.15	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121940	0.04493	56.32	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121940	0.04528	56.19	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121940	0.04562	55.69	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121940	0.046	56.23	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121940	0.04639	56.6	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121940	0.04682	56.63	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121940	0.04727	55.91	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121940	0.04781	56.41	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121940	0.04843	56.79	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121940	0.04914	57.02	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121940	0.04998	57.1	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121940	0.05097	57.15	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121940	0.05213	57.41	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121940	0.0535	57.53	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121940	0.05509	57.57	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121940	0.0569	57.6	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121940	0.19566	59.13	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121940	0.23099	59.3	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121940	0.26284	59.07	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121940	0.30616	59.18	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121940	0.35262	59.68	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121940	0.40037	59.92	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121940	0.45805	59.72	313.5	1.5	ANNUAL	PAREA7	5

606692.2	4121940	0.52825	60.26	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121940	0.61562	60.53	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121940	0.71237	60.42	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121940	0.80623	60.44	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121940	0.89315	60.53	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121940	0.9722	60.59	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121940	1.04105	60.79	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121940	1.10507	60.82	313.5	1.5	ANNUAL	PAREA7	5
606852.2	4121940	1.17091	60.44	313.5	1.5	ANNUAL	PAREA7	5
605632.2	4121960	0.04586	55.85	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121960	0.0464	55.89	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121960	0.04693	56.01	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121960	0.04745	56.04	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121960	0.04796	56.12	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121960	0.04847	56.23	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121960	0.04897	56.25	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121960	0.04946	56.37	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121960	0.04993	56.12	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121960	0.0504	55.81	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121960	0.0509	56.44	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121960	0.05139	56.7	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121960	0.05189	56.59	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121960	0.0524	55.98	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121960	0.05297	56.44	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121960	0.05358	56.62	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4121960	0.05427	56.88	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121960	0.05505	56.82	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121960	0.05595	56.93	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121960	0.057	57.06	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121960	0.05823	57.27	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121960	0.05969	57.27	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121960	0.06138	57.32	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121960	0.26514	59.37	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121960	0.30393	59.04	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121960	0.35633	59.3	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121960	0.41453	59.78	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121960	0.47736	59.85	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121960	0.55462	59.68	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121960	0.64828	60.27	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121960	0.76181	60.5	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121960	0.88775	59.99	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121960	1.00134	60.21	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121960	1.10685	60.29	313.5	1.5	ANNUAL	PAREA7	5
606792.2	4121960	1.20216	60.3	313.5	1.5	ANNUAL	PAREA7	5
606812.2	4121960	1.27762	60.95	313.5	1.5	ANNUAL	PAREA7	5
606832.2	4121960	1.35436	61.06	313.49	1.5	ANNUAL	PAREA7	5
606852.2	4121960	1.4361	60.64	313.49	1.5	ANNUAL	PAREA7	5
605632.2	4121980	0.04939	55.56	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4121980	0.05011	55.59	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4121980	0.05083	55.6	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4121980	0.05153	55.62	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4121980	0.05225	55.76	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4121980	0.05294	55.91	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4121980	0.05364	56.03	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4121980	0.05433	56.13	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4121980	0.055	56.02	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4121980	0.05567	56.01	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4121980	0.05634	56.54	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4121980	0.05701	56.74	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4121980	0.05767	56.39	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4121980	0.05833	56.1	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4121980	0.05902	56.29	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4121980	0.05974	56.33	313.5	1.5	ANNUAL	PAREA7	5

605952.2	4121980	0.06049	56.28	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4121980	0.06131	56.31	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4121980	0.06222	56.46	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4121980	0.06323	56.53	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4121980	0.06439	56.51	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4121980	0.06574	56.55	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4121980	0.06732	56.68	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4121980	0.21333	59.33	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4121980	0.24717	59.19	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4121980	0.30734	59.39	313.5	1.5	ANNUAL	PAREA7	5
606592.2	4121980	0.35447	59.17	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4121980	0.42001	59.39	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4121980	0.49487	59.8	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4121980	0.57895	59.8	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4121980	0.68498	59.63	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4121980	0.81207	60.23	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4121980	0.96259	60.31	313.5	1.5	ANNUAL	PAREA7	5
606732.2	4121980	1.12146	59.92	313.5	1.5	ANNUAL	PAREA7	5
606752.2	4121980	1.25482	60.62	313.5	1.5	ANNUAL	PAREA7	5
606772.2	4121980	1.38185	60.75	313.49	1.5	ANNUAL	PAREA7	5
606792.2	4121980	1.5034	60.42	313.49	1.5	ANNUAL	PAREA7	5
606812.2	4121980	1.59613	61.02	312.87	1.5	ANNUAL	PAREA7	5
606832.2	4121980	1.68826	61.24	61.24	1.5	ANNUAL	PAREA7	5
606852.2	4121980	1.78423	60.87	60.87	1.5	ANNUAL	PAREA7	5
605632.2	4122000	0.05283	55.03	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4122000	0.05375	55.11	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4122000	0.05469	55.17	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4122000	0.05563	55.28	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4122000	0.05657	55.34	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4122000	0.05751	55.33	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4122000	0.05845	55.43	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4122000	0.05939	55.47	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4122000	0.06033	55.61	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4122000	0.06127	56.01	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4122000	0.06221	56.55	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4122000	0.06314	56.76	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4122000	0.06405	56.29	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4122000	0.06497	56.27	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4122000	0.06591	56.8	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4122000	0.06685	56.92	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4122000	0.0678	56.5	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4122000	0.06879	56.47	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4122000	0.06984	56.97	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4122000	0.07095	57.12	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4122000	0.07216	56.72	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4122000	0.07351	56.73	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4122000	0.07505	57.25	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4122000	0.11387	58.13	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4122000	0.11854	58.23	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4122000	0.12292	58.26	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4122000	0.12704	58.24	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4122000	0.23544	59.49	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4122000	0.27848	59.37	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4122000	0.50228	59.48	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4122000	0.60023	59.92	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4122000	0.7152	59.92	313.5	1.5	ANNUAL	PAREA7	5
606672.2	4122000	0.86354	59.77	313.5	1.5	ANNUAL	PAREA7	5
606692.2	4122000	1.04036	60.24	313.5	1.5	ANNUAL	PAREA7	5
606712.2	4122000	1.24105	60.26	313.49	1.5	ANNUAL	PAREA7	5
606732.2	4122000	1.44657	59.84	313.49	1.5	ANNUAL	PAREA7	5
606752.2	4122000	1.614	60.49	313.48	1.5	ANNUAL	PAREA7	5
606772.2	4122000	1.76597	60.84	60.84	1.5	ANNUAL	PAREA7	5
606792.2	4122000	1.9177	60.49	60.49	1.5	ANNUAL	PAREA7	5

606812.2	4122000	2.03057	61.1	61.1	1.5	ANNUAL	PAREA7	5
606832.2	4122000	2.14022	61.23	61.23	1.5	ANNUAL	PAREA7	5
606852.2	4122000	2.24094	60.87	60.87	1.5	ANNUAL	PAREA7	5
605632.2	4122020	0.05609	55.56	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4122020	0.05725	55.7	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4122020	0.05842	55.68	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4122020	0.05962	55.87	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4122020	0.06083	55.92	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4122020	0.06204	55.87	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4122020	0.06327	55.86	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4122020	0.06451	55.89	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4122020	0.06577	56.08	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4122020	0.06704	56.26	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4122020	0.06831	56.52	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4122020	0.06959	56.81	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4122020	0.07086	56.61	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4122020	0.07214	56.61	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4122020	0.07343	56.85	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4122020	0.07473	56.95	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4122020	0.07603	56.8	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4122020	0.07736	56.79	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4122020	0.07871	57.07	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4122020	0.08011	57.25	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4122020	0.08157	56.99	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4122020	0.08312	56.95	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4122020	0.0848	57.25	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4122020	0.12088	58.35	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4122020	0.12627	59.31	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4122020	0.13253	59.32	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4122020	0.13882	59.3	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4122020	0.14507	59.14	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4122020	0.26252	59.43	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4122020	0.31519	59.46	313.5	1.5	ANNUAL	PAREA7	5
606612.2	4122020	0.61072	59.61	313.5	1.5	ANNUAL	PAREA7	5
606632.2	4122020	0.74425	59.97	313.5	1.5	ANNUAL	PAREA7	5
606652.2	4122020	0.90756	59.95	313.49	1.5	ANNUAL	PAREA7	5
606672.2	4122020	1.12057	59.85	313.49	1.5	ANNUAL	PAREA7	5
606692.2	4122020	1.37002	60.25	313.48	1.5	ANNUAL	PAREA7	5
606712.2	4122020	1.64129	60.24	60.24	1.5	ANNUAL	PAREA7	5
606732.2	4122020	1.91154	59.77	59.77	1.5	ANNUAL	PAREA7	5
606752.2	4122020	2.12293	60.42	60.42	1.5	ANNUAL	PAREA7	5
606772.2	4122020	2.31082	60.85	60.85	1.5	ANNUAL	PAREA7	5
606792.2	4122020	2.50027	60.48	60.48	1.5	ANNUAL	PAREA7	5
606812.2	4122020	2.62812	61.07	61.07	1.5	ANNUAL	PAREA7	5
606832.2	4122020	2.74018	61.04	61.04	1.5	ANNUAL	PAREA7	5
606852.2	4122020	2.81685	60.63	60.63	1.5	ANNUAL	PAREA7	5
605632.2	4122040	0.05904	55.8	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4122040	0.06043	55.84	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4122040	0.06186	55.92	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4122040	0.06331	56	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4122040	0.0648	56.09	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4122040	0.06633	56.09	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4122040	0.06788	56.15	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4122040	0.06946	56.21	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4122040	0.07108	56.3	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4122040	0.07273	56.49	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4122040	0.0744	56.6	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4122040	0.07609	56.73	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4122040	0.07781	56.74	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4122040	0.07956	56.83	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4122040	0.08132	56.95	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4122040	0.08311	57.07	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4122040	0.08491	57.05	313.5	1.5	ANNUAL	PAREA7	5

605972.2	4122040	0.08675	57.14	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4122040	0.0886	57.23	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4122040	0.0905	57.25	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4122040	0.09244	57.24	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4122040	0.09445	57.27	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4122040	0.09655	57.36	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4122040	0.13538	58.46	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4122040	0.14186	59.32	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4122040	0.1496	59.36	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4122040	0.15784	59.37	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4122040	0.16653	59.25	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4122040	0.29683	59.41	313.5	1.5	ANNUAL	PAREA7	5
606532.2	4122040	0.35921	59.52	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4122040	0.50949	59.64	313.49	1.5	ANNUAL	PAREA7	5
606592.2	4122040	0.6121	59.39	313.49	1.5	ANNUAL	PAREA7	5
606612.2	4122040	0.75878	59.7	313.48	1.5	ANNUAL	PAREA7	5
606632.2	4122040	0.94877	59.94	313.48	1.5	ANNUAL	PAREA7	5
606652.2	4122040	1.19155	59.87	312.87	1.5	ANNUAL	PAREA7	5
606672.2	4122040	1.50787	59.82	59.82	1.5	ANNUAL	PAREA7	5
606692.2	4122040	1.86542	60.25	60.25	1.5	ANNUAL	PAREA7	5
606712.2	4122040	2.23842	60.23	60.23	1.5	ANNUAL	PAREA7	5
606732.2	4122040	2.60039	59.7	59.7	1.5	ANNUAL	PAREA7	5
606752.2	4122040	2.87014	60.35	60.35	1.5	ANNUAL	PAREA7	5
606772.2	4122040	3.10271	60.76	60.76	1.5	ANNUAL	PAREA7	5
606792.2	4122040	3.32319	60.31	60.31	1.5	ANNUAL	PAREA7	5
606812.2	4122040	3.43088	60.87	60.87	1.5	ANNUAL	PAREA7	5
606832.2	4122040	3.48985	60.81	60.81	1.5	ANNUAL	PAREA7	5
606852.2	4122040	3.47907	60.43	60.43	1.5	ANNUAL	PAREA7	5
605632.2	4122060	0.06161	55.67	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4122060	0.06322	55.84	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4122060	0.06489	55.99	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4122060	0.06661	55.85	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4122060	0.06838	55.86	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4122060	0.07021	55.96	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4122060	0.0721	56.03	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4122060	0.07404	56.12	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4122060	0.07604	56.17	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4122060	0.0781	56.29	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4122060	0.08021	56.42	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4122060	0.08238	56.51	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4122060	0.08461	56.61	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4122060	0.08689	56.64	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4122060	0.08923	56.94	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4122060	0.09162	57.06	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4122060	0.09406	56.99	313.5	1.5	ANNUAL	PAREA7	5
605972.2	4122060	0.09656	57.33	313.5	1.5	ANNUAL	PAREA7	5
605992.2	4122060	0.09912	57.38	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4122060	0.10173	57.39	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4122060	0.1044	57.52	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4122060	0.10715	57.38	313.5	1.5	ANNUAL	PAREA7	5
606072.2	4122060	0.10998	57.42	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4122060	0.15406	58.86	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4122060	0.16171	59.32	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4122060	0.1707	59.41	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4122060	0.18092	59.3	313.5	1.5	ANNUAL	PAREA7	5
606352.2	4122060	0.19191	59.31	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4122060	0.61663	59.95	59.95	1.5	ANNUAL	PAREA7	5
606592.2	4122060	0.7613	59.48	59.48	1.5	ANNUAL	PAREA7	5
606612.2	4122060	0.96862	59.76	59.76	1.5	ANNUAL	PAREA7	5
606632.2	4122060	1.25286	59.88	59.88	1.5	ANNUAL	PAREA7	5
606652.2	4122060	1.63079	59.82	59.82	1.5	ANNUAL	PAREA7	5
606672.2	4122060	2.12122	59.76	59.76	1.5	ANNUAL	PAREA7	5
606692.2	4122060	2.6523	60.13	60.13	1.5	ANNUAL	PAREA7	5

606712.2	4122060	3.17311	60.16	60.16	1.5	ANNUAL	PAREA7	5
606732.2	4122060	3.65652	59.71	59.71	1.5	ANNUAL	PAREA7	5
606752.2	4122060	3.9904	60.34	60.34	1.5	ANNUAL	PAREA7	5
606772.2	4122060	4.25249	60.53	60.53	1.5	ANNUAL	PAREA7	5
606792.2	4122060	4.43388	60.11	60.11	1.5	ANNUAL	PAREA7	5
606812.2	4122060	4.42179	60.76	60.76	1.5	ANNUAL	PAREA7	5
606832.2	4122060	4.32956	60.69	60.69	1.5	ANNUAL	PAREA7	5
606852.2	4122060	4.14507	60.34	60.34	1.5	ANNUAL	PAREA7	5
607052.2	4122060	1.26683	60.26	60.26	1.5	ANNUAL	PAREA7	5
605632.2	4122080	0.06379	55.28	313.5	1.5	ANNUAL	PAREA7	5
605652.2	4122080	0.06562	55.67	313.5	1.5	ANNUAL	PAREA7	5
605672.2	4122080	0.06752	55.87	313.5	1.5	ANNUAL	PAREA7	5
605692.2	4122080	0.06946	55.44	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4122080	0.07151	55.65	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4122080	0.07363	55.76	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4122080	0.07583	55.69	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4122080	0.07812	55.78	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4122080	0.08051	55.93	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4122080	0.08297	55.93	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4122080	0.08553	55.94	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4122080	0.0882	56.12	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4122080	0.09096	56.24	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4122080	0.09381	56.21	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4122080	0.09678	56.4	313.5	1.5	ANNUAL	PAREA7	5
605932.2	4122080	0.09986	56.54	313.5	1.5	ANNUAL	PAREA7	5
605952.2	4122080	0.10303	56.52	313.5	1.5	ANNUAL	PAREA7	5
606272.2	4122080	0.17936	58.81	313.5	1.5	ANNUAL	PAREA7	5
606292.2	4122080	0.18813	59.28	313.5	1.5	ANNUAL	PAREA7	5
606312.2	4122080	0.19859	59.33	313.5	1.5	ANNUAL	PAREA7	5
606332.2	4122080	0.21059	59.3	313.49	1.5	ANNUAL	PAREA7	5
606352.2	4122080	0.22379	59.48	313.49	1.5	ANNUAL	PAREA7	5
606572.2	4122080	0.76226	59.94	59.94	1.5	ANNUAL	PAREA7	5
606592.2	4122080	0.97333	59.46	59.46	1.5	ANNUAL	PAREA7	5
606612.2	4122080	1.29026	59.42	59.42	1.5	ANNUAL	PAREA7	5
606632.2	4122080	1.74298	59.57	59.57	1.5	ANNUAL	PAREA7	5
606652.2	4122080	2.36977	59.61	59.61	1.5	ANNUAL	PAREA7	5
606672.2	4122080	3.16796	59.58	59.58	1.5	ANNUAL	PAREA7	5
606692.2	4122080	3.99408	59.74	59.74	1.5	ANNUAL	PAREA7	5
606712.2	4122080	4.72967	59.84	59.84	1.5	ANNUAL	PAREA7	5
606732.2	4122080	5.31316	59.86	59.86	1.5	ANNUAL	PAREA7	5
606752.2	4122080	5.65591	60.33	60.33	1.5	ANNUAL	PAREA7	5
606772.2	4122080	5.81288	60.39	60.39	1.5	ANNUAL	PAREA7	5
606792.2	4122080	5.78984	59.93	59.93	1.5	ANNUAL	PAREA7	5
606812.2	4122080	5.50977	60.46	60.46	1.5	ANNUAL	PAREA7	5
606892.2	4122080	3.70048	60.42	60.42	1.5	ANNUAL	PAREA7	5
606912.2	4122080	3.22901	60.49	60.49	1.5	ANNUAL	PAREA7	5
606932.2	4122080	2.80273	60.24	60.24	1.5	ANNUAL	PAREA7	5
605632.2	4122100	0.06569	55.21	313.49	1.5	ANNUAL	PAREA7	5
605652.2	4122100	0.06769	55.57	313.49	1.5	ANNUAL	PAREA7	5
605672.2	4122100	0.06978	55.76	313.49	1.5	ANNUAL	PAREA7	5
605692.2	4122100	0.07194	55.3	313.5	1.5	ANNUAL	PAREA7	5
605712.2	4122100	0.07423	55.89	313.5	1.5	ANNUAL	PAREA7	5
605732.2	4122100	0.07662	56.15	313.5	1.5	ANNUAL	PAREA7	5
605752.2	4122100	0.0791	55.79	313.5	1.5	ANNUAL	PAREA7	5
605772.2	4122100	0.08171	55.89	313.5	1.5	ANNUAL	PAREA7	5
605792.2	4122100	0.08446	56.3	313.5	1.5	ANNUAL	PAREA7	5
605812.2	4122100	0.08731	56.22	313.5	1.5	ANNUAL	PAREA7	5
605832.2	4122100	0.09028	55.9	313.5	1.5	ANNUAL	PAREA7	5
605852.2	4122100	0.09344	56.57	313.5	1.5	ANNUAL	PAREA7	5
605872.2	4122100	0.09674	57.11	313.5	1.5	ANNUAL	PAREA7	5
605892.2	4122100	0.10016	56.55	313.5	1.5	ANNUAL	PAREA7	5
605912.2	4122100	0.10377	56.81	313.5	1.5	ANNUAL	PAREA7	5
606572.2	4122100	0.96468	59.9	59.9	1.5	ANNUAL	PAREA7	5

606592.2	4122100	1.28475	59.6	59.6	1.5	ANNUAL	PAREA7	5
606612.2	4122100	1.78568	59.76	59.76	1.5	ANNUAL	PAREA7	5
606632.2	4122100	2.57057	59.84	59.84	1.5	ANNUAL	PAREA7	5
606652.2	4122100	3.69412	59.93	59.93	1.5	ANNUAL	PAREA7	5
606672.2	4122100	5.04666	60.02	60.02	1.5	ANNUAL	PAREA7	5
606692.2	4122100	6.33541	60.02	60.02	1.5	ANNUAL	PAREA7	5
606712.2	4122100	7.33735	59.86	59.86	1.5	ANNUAL	PAREA7	5
606852.2	4122100	4.98559	60.08	60.08	1.5	ANNUAL	PAREA7	5
606872.2	4122100	4.28797	60.09	60.09	1.5	ANNUAL	PAREA7	5
606892.2	4122100	3.64174	60.5	60.5	1.5	ANNUAL	PAREA7	5
606912.2	4122100	3.08904	60.39	60.39	1.5	ANNUAL	PAREA7	5
606932.2	4122100	2.61659	60.04	60.04	1.5	ANNUAL	PAREA7	5
605632.2	4122120	0.06742	55.07	313.48	1.5	ANNUAL	PAREA7	5
605652.2	4122120	0.06958	55.54	313.48	1.5	ANNUAL	PAREA7	5
605672.2	4122120	0.07181	55.64	313.48	1.5	ANNUAL	PAREA7	5
605692.2	4122120	0.07414	55.21	313.48	1.5	ANNUAL	PAREA7	5
605712.2	4122120	0.07665	55.84	313.48	1.5	ANNUAL	PAREA7	5
605732.2	4122120	0.07927	56.25	313.48	1.5	ANNUAL	PAREA7	5
605752.2	4122120	0.08199	55.78	313.49	1.5	ANNUAL	PAREA7	5
605772.2	4122120	0.08488	56.01	313.49	1.5	ANNUAL	PAREA7	5
605792.2	4122120	0.08794	56.41	313.48	1.5	ANNUAL	PAREA7	5
605812.2	4122120	0.09113	56.21	313.49	1.5	ANNUAL	PAREA7	5
605832.2	4122120	0.0945	56.07	313.49	1.5	ANNUAL	PAREA7	5
605852.2	4122120	0.09808	56.68	313.49	1.5	ANNUAL	PAREA7	5
605872.2	4122120	0.10186	57.19	313.48	1.5	ANNUAL	PAREA7	5
605992.2	4122120	0.12941	56.39	313.5	1.5	ANNUAL	PAREA7	5
606012.2	4122120	0.135	56.49	313.5	1.5	ANNUAL	PAREA7	5
606032.2	4122120	0.14091	56.49	313.5	1.5	ANNUAL	PAREA7	5
606052.2	4122120	0.14719	56.56	313.5	1.5	ANNUAL	PAREA7	5
606512.2	4122120	0.66878	59.65	59.65	1.5	ANNUAL	PAREA7	5
606532.2	4122120	0.77766	59.75	59.75	1.5	ANNUAL	PAREA7	5
606552.2	4122120	0.95978	59.79	59.79	1.5	ANNUAL	PAREA7	5
606572.2	4122120	1.27044	59.76	59.76	1.5	ANNUAL	PAREA7	5
606592.2	4122120	1.78641	59.62	59.62	1.5	ANNUAL	PAREA7	5
606772.2	4122120	9.4208	59.99	59.99	1.5	ANNUAL	PAREA7	5
606792.2	4122120	8.20142	59.97	59.97	1.5	ANNUAL	PAREA7	5
606812.2	4122120	7.01698	59.86	59.86	1.5	ANNUAL	PAREA7	5
606852.2	4122120	4.93414	60.05	60.05	1.5	ANNUAL	PAREA7	5
606872.2	4122120	4.09717	60.04	60.04	1.5	ANNUAL	PAREA7	5
606892.2	4122120	3.38319	60.26	60.26	1.5	ANNUAL	PAREA7	5
606912.2	4122120	2.80019	60.16	60.16	1.5	ANNUAL	PAREA7	5
605632.2	4122140	0.06913	55.08	312.88	1.5	ANNUAL	PAREA7	5
605652.2	4122140	0.07141	55.55	312.88	1.5	ANNUAL	PAREA7	5
605672.2	4122140	0.07379	55.41	313.48	1.5	ANNUAL	PAREA7	5
605692.2	4122140	0.07628	55.22	313.48	1.5	ANNUAL	PAREA7	5
605712.2	4122140	0.07894	55.78	313.48	1.5	ANNUAL	PAREA7	5
605732.2	4122140	0.08175	56.21	312.88	1.5	ANNUAL	PAREA7	5
605752.2	4122140	0.08468	55.7	313.48	1.5	ANNUAL	PAREA7	5
605772.2	4122140	0.08782	56.11	313.48	1.5	ANNUAL	PAREA7	5
605792.2	4122140	0.09114	56.46	313.48	1.5	ANNUAL	PAREA7	5
605812.2	4122140	0.09462	56.13	313.48	1.5	ANNUAL	PAREA7	5
605832.2	4122140	0.09834	56.24	313.48	1.5	ANNUAL	PAREA7	5
605852.2	4122140	0.1023	56.73	313.48	1.5	ANNUAL	PAREA7	5
605932.2	4122140	0.12074	56.22	313.48	1.5	ANNUAL	PAREA7	5
605952.2	4122140	0.12613	56.11	313.48	1.5	ANNUAL	PAREA7	5
605972.2	4122140	0.13191	56.35	313.48	1.5	ANNUAL	PAREA7	5
605992.2	4122140	0.13807	56.34	313.48	1.5	ANNUAL	PAREA7	5
606012.2	4122140	0.14466	56.31	313.48	1.5	ANNUAL	PAREA7	5
606032.2	4122140	0.15173	56.32	313.48	1.5	ANNUAL	PAREA7	5
606052.2	4122140	0.15931	56.32	313.48	1.5	ANNUAL	PAREA7	5
606072.2	4122140	0.16747	56.51	313.48	1.5	ANNUAL	PAREA7	5
606132.2	4122140	0.1959	58.06	58.06	1.5	ANNUAL	PAREA7	5
606152.2	4122140	0.20692	58.04	58.04	1.5	ANNUAL	PAREA7	5

606172.2	4122140	0.21886	58.19	58.19	1.5	ANNUAL	PAREA7	5
606652.2	4122140	13.80611	59.84	59.84	1.5	ANNUAL	PAREA7	5
606672.2	4122140	17.6301	59.96	59.96	1.5	ANNUAL	PAREA7	5
606712.2	4122140	17.1232	60.03	60.03	1.5	ANNUAL	PAREA7	5
606732.2	4122140	14.93038	60.04	60.04	1.5	ANNUAL	PAREA7	5
606752.2	4122140	12.62176	59.97	59.97	1.5	ANNUAL	PAREA7	5
606772.2	4122140	10.46329	60.02	60.02	1.5	ANNUAL	PAREA7	5
606792.2	4122140	8.57712	60.03	60.03	1.5	ANNUAL	PAREA7	5
606812.2	4122140	7.0009	59.68	59.68	1.5	ANNUAL	PAREA7	5
606832.2	4122140	5.63783	60.06	60.06	1.5	ANNUAL	PAREA7	5
606852.2	4122140	4.55385	59.93	59.93	1.5	ANNUAL	PAREA7	5
605632.2	4122160	0.071	55.27	292.97	1.5	ANNUAL	PAREA7	5
605652.2	4122160	0.07338	55.59	292.97	1.5	ANNUAL	PAREA7	5
605672.2	4122160	0.07586	55.4	292.97	1.5	ANNUAL	PAREA7	5
605692.2	4122160	0.0785	55.38	292.97	1.5	ANNUAL	PAREA7	5
605712.2	4122160	0.08132	55.91	292.97	1.5	ANNUAL	PAREA7	5
605732.2	4122160	0.08428	56.02	292.97	1.5	ANNUAL	PAREA7	5
605752.2	4122160	0.08739	55.6	292.97	1.5	ANNUAL	PAREA7	5
605772.2	4122160	0.09075	56.19	292.97	1.5	ANNUAL	PAREA7	5
605792.2	4122160	0.09429	56.42	292.97	1.5	ANNUAL	PAREA7	5
605812.2	4122160	0.09803	55.93	292.97	1.5	ANNUAL	PAREA7	5
605832.2	4122160	0.10205	56.28	292.97	1.5	ANNUAL	PAREA7	5
605912.2	4122160	0.12102	56.36	292.97	1.5	ANNUAL	PAREA7	5
605932.2	4122160	0.12663	56.3	292.97	1.5	ANNUAL	PAREA7	5
605952.2	4122160	0.13264	56.12	292.97	1.5	ANNUAL	PAREA7	5
605972.2	4122160	0.13913	56.11	292.97	1.5	ANNUAL	PAREA7	5
605992.2	4122160	0.14612	56.22	292.97	1.5	ANNUAL	PAREA7	5
606012.2	4122160	0.15364	56.15	56.15	1.5	ANNUAL	PAREA7	5
606032.2	4122160	0.16178	56.14	56.14	1.5	ANNUAL	PAREA7	5
606052.2	4122160	0.17061	56.19	56.19	1.5	ANNUAL	PAREA7	5
606072.2	4122160	0.18021	56.49	56.49	1.5	ANNUAL	PAREA7	5
606132.2	4122160	0.21441	58.03	58.03	1.5	ANNUAL	PAREA7	5
606152.2	4122160	0.22799	58.1	58.1	1.5	ANNUAL	PAREA7	5
606172.2	4122160	0.24286	58.22	58.22	1.5	ANNUAL	PAREA7	5
606512.2	4122160	1.32888	59.43	59.43	1.5	ANNUAL	PAREA7	5
606532.2	4122160	1.61433	59.61	59.61	1.5	ANNUAL	PAREA7	5
606552.2	4122160	2.06655	59.57	59.57	1.5	ANNUAL	PAREA7	5
606652.2	4122160	34.80087	59.85	59.85	1.5	ANNUAL	PAREA7	5
606672.2	4122160	33.78457	59.88	59.88	1.5	ANNUAL	PAREA7	5
606712.2	4122160	21.91779	60	60	1.5	ANNUAL	PAREA7	5
606732.2	4122160	17.17922	60	60	1.5	ANNUAL	PAREA7	5
606752.2	4122160	13.4537	59.96	59.96	1.5	ANNUAL	PAREA7	5
606772.2	4122160	10.51667	59.93	59.93	1.5	ANNUAL	PAREA7	5
606792.2	4122160	8.20858	59.88	59.88	1.5	ANNUAL	PAREA7	5
606872.2	4122160	3.11506	59.74	59.74	1.5	ANNUAL	PAREA7	5
606892.2	4122160	2.4877	59.78	59.78	1.5	ANNUAL	PAREA7	5
606912.2	4122160	2.00597	59.92	59.92	1.5	ANNUAL	PAREA7	5
605632.2	4122180	0.07308	55.2	292.97	1.5	ANNUAL	PAREA7	5
605652.2	4122180	0.07556	55.38	292.97	1.5	ANNUAL	PAREA7	5
605672.2	4122180	0.07816	55.24	292.97	1.5	ANNUAL	PAREA7	5
605692.2	4122180	0.08094	55.35	292.97	1.5	ANNUAL	PAREA7	5
605712.2	4122180	0.08389	55.68	292.97	1.5	ANNUAL	PAREA7	5
605732.2	4122180	0.08701	55.8	292.97	1.5	ANNUAL	PAREA7	5
605752.2	4122180	0.09031	55.52	292.97	1.5	ANNUAL	PAREA7	5
605772.2	4122180	0.09386	56.14	292.97	1.5	ANNUAL	PAREA7	5
605792.2	4122180	0.09762	56.17	292.97	1.5	ANNUAL	PAREA7	5
605812.2	4122180	0.1016	55.81	292.97	1.5	ANNUAL	PAREA7	5
605832.2	4122180	0.10591	56.34	292.97	1.5	ANNUAL	PAREA7	5
605892.2	4122180	0.12069	56.39	292.97	1.5	ANNUAL	PAREA7	5
605912.2	4122180	0.12637	56.41	292.97	1.5	ANNUAL	PAREA7	5
605932.2	4122180	0.13247	56.21	292.97	1.5	ANNUAL	PAREA7	5
605952.2	4122180	0.13908	56.29	292.97	1.5	ANNUAL	PAREA7	5
605972.2	4122180	0.14623	56.37	56.37	1.5	ANNUAL	PAREA7	5

605992.2	4122180	0.15397	56.33	56.33	1.5	ANNUAL	PAREA7	5
606012.2	4122180	0.16236	56.21	56.21	1.5	ANNUAL	PAREA7	5
606032.2	4122180	0.1715	56.22	56.22	1.5	ANNUAL	PAREA7	5
606052.2	4122180	0.18148	56.22	56.22	1.5	ANNUAL	PAREA7	5
606132.2	4122180	0.23221	58.08	58.08	1.5	ANNUAL	PAREA7	5
606152.2	4122180	0.24833	58.13	58.13	1.5	ANNUAL	PAREA7	5
606172.2	4122180	0.2662	58.22	58.22	1.5	ANNUAL	PAREA7	5
606332.2	4122180	0.5209	58.8	58.8	1.5	ANNUAL	PAREA7	5
606352.2	4122180	0.58079	57.63	59.63	1.5	ANNUAL	PAREA7	5
606672.2	4122180	49.26831	59.68	59.68	1.5	ANNUAL	PAREA7	5
606712.2	4122180	23.83991	59.93	59.93	1.5	ANNUAL	PAREA7	5
606812.2	4122180	5.43341	59.66	59.66	1.5	ANNUAL	PAREA7	5
606832.2	4122180	4.14677	59.71	59.71	1.5	ANNUAL	PAREA7	5
606852.2	4122180	3.20529	59.84	59.84	1.5	ANNUAL	PAREA7	5
606872.2	4122180	2.51859	59.88	59.88	1.5	ANNUAL	PAREA7	5
606892.2	4122180	2.01104	59.9	59.9	1.5	ANNUAL	PAREA7	5
606912.2	4122180	1.63063	59.94	59.94	1.5	ANNUAL	PAREA7	5
605872.2	4122200	0.12022	56.28	292.97	1.5	ANNUAL	PAREA7	5
605892.2	4122200	0.12589	56.46	292.97	1.5	ANNUAL	PAREA7	5
605912.2	4122200	0.13199	56.3	56.3	1.5	ANNUAL	PAREA7	5
605932.2	4122200	0.13859	56.19	56.19	1.5	ANNUAL	PAREA7	5
605952.2	4122200	0.14575	56.27	56.27	1.5	ANNUAL	PAREA7	5
605972.2	4122200	0.15353	56.31	56.31	1.5	ANNUAL	PAREA7	5
605992.2	4122200	0.16199	56.25	56.25	1.5	ANNUAL	PAREA7	5
606012.2	4122200	0.17123	56.2	56.2	1.5	ANNUAL	PAREA7	5
606032.2	4122200	0.18134	56.22	56.22	1.5	ANNUAL	PAREA7	5
606052.2	4122200	0.19245	56.26	56.26	1.5	ANNUAL	PAREA7	5
606072.2	4122200	0.2047	56.49	56.49	1.5	ANNUAL	PAREA7	5
606132.2	4122200	0.24988	57.98	57.98	1.5	ANNUAL	PAREA7	5
606152.2	4122200	0.26851	58.09	58.09	1.5	ANNUAL	PAREA7	5
606172.2	4122200	0.2894	58.17	58.17	1.5	ANNUAL	PAREA7	5
606332.2	4122200	0.61107	57.98	57.98	1.5	ANNUAL	PAREA7	5
606352.2	4122200	0.68882	57.32	57.32	1.5	ANNUAL	PAREA7	5
606672.2	4122200	53.92966	59.39	59.39	1.5	ANNUAL	PAREA7	5
606752.2	4122200	11.13917	59.75	59.75	1.5	ANNUAL	PAREA7	5
606772.2	4122200	7.9421	59.74	59.74	1.5	ANNUAL	PAREA7	5
606792.2	4122200	5.76024	59.84	59.84	1.5	ANNUAL	PAREA7	5
606812.2	4122200	4.2741	59.84	59.84	1.5	ANNUAL	PAREA7	5
606832.2	4122200	3.24327	59.84	59.84	1.5	ANNUAL	PAREA7	5
606852.2	4122200	2.51438	59.89	59.89	1.5	ANNUAL	PAREA7	5
606872.2	4122200	1.99103	59.94	59.94	1.5	ANNUAL	PAREA7	5
606892.2	4122200	1.61127	59.84	59.84	1.5	ANNUAL	PAREA7	5
605872.2	4122220	0.12542	56.62	56.62	1.5	ANNUAL	PAREA7	5
605892.2	4122220	0.13147	56.43	56.43	1.5	ANNUAL	PAREA7	5
605912.2	4122220	0.13802	56.32	56.32	1.5	ANNUAL	PAREA7	5
605932.2	4122220	0.14513	56.33	56.33	1.5	ANNUAL	PAREA7	5
605952.2	4122220	0.15286	56.25	56.25	1.5	ANNUAL	PAREA7	5
605972.2	4122220	0.16129	56.31	56.31	1.5	ANNUAL	PAREA7	5
605992.2	4122220	0.1705	56.27	56.27	1.5	ANNUAL	PAREA7	5
606012.2	4122220	0.18058	56.21	56.21	1.5	ANNUAL	PAREA7	5
606032.2	4122220	0.19168	56.24	56.24	1.5	ANNUAL	PAREA7	5
606052.2	4122220	0.20392	56.33	56.33	1.5	ANNUAL	PAREA7	5
606132.2	4122220	0.26817	58.08	58.08	1.5	ANNUAL	PAREA7	5
606152.2	4122220	0.28936	58.18	58.18	1.5	ANNUAL	PAREA7	5
606172.2	4122220	0.31327	58.24	58.24	1.5	ANNUAL	PAREA7	5
606292.2	4122220	0.55597	58.14	58.14	1.5	ANNUAL	PAREA7	5
606712.2	4122220	19.62822	59.83	59.83	1.5	ANNUAL	PAREA7	5
606732.2	4122220	12.74747	59.87	59.87	1.5	ANNUAL	PAREA7	5
606752.2	4122220	8.55567	59.94	59.94	1.5	ANNUAL	PAREA7	5
606772.2	4122220	5.96443	59.88	59.88	1.5	ANNUAL	PAREA7	5
606792.2	4122220	4.30744	59.85	59.85	1.5	ANNUAL	PAREA7	5
606812.2	4122220	3.21452	59.87	59.87	1.5	ANNUAL	PAREA7	5
605872.2	4122240	0.13092	56.67	56.67	1.5	ANNUAL	PAREA7	5

605892.2	4122240	0.13741	56.56	56.56	1.5	ANNUAL	PAREA7	5
605912.2	4122240	0.14444	56.42	56.42	1.5	ANNUAL	PAREA7	5
605932.2	4122240	0.15212	56.53	56.53	1.5	ANNUAL	PAREA7	5
605952.2	4122240	0.16047	56.55	56.55	1.5	ANNUAL	PAREA7	5
605972.2	4122240	0.16961	56.56	56.56	1.5	ANNUAL	PAREA7	5
605992.2	4122240	0.17962	56.53	56.53	1.5	ANNUAL	PAREA7	5
606012.2	4122240	0.19063	56.52	56.52	1.5	ANNUAL	PAREA7	5
606032.2	4122240	0.20278	56.51	56.51	1.5	ANNUAL	PAREA7	5
606052.2	4122240	0.21625	56.55	56.55	1.5	ANNUAL	PAREA7	5
606132.2	4122240	0.28793	58.09	58.09	1.5	ANNUAL	PAREA7	5
606152.2	4122240	0.31187	58.24	58.24	1.5	ANNUAL	PAREA7	5
606192.2	4122240	0.37071	58.15	58.15	1.5	ANNUAL	PAREA7	5
606292.2	4122240	0.62788	58.3	58.3	1.5	ANNUAL	PAREA7	5
606312.2	4122240	0.71303	58.39	58.39	1.5	ANNUAL	PAREA7	5
606332.2	4122240	0.81778	58.48	58.48	1.5	ANNUAL	PAREA7	5
606352.2	4122240	0.94926	58.51	58.51	1.5	ANNUAL	PAREA7	5
606392.2	4122240	1.32943	59.07	59.07	1.5	ANNUAL	PAREA7	5
606412.2	4122240	1.62152	59.06	59.06	1.5	ANNUAL	PAREA7	5
606452.2	4122240	2.60448	59.25	59.25	1.5	ANNUAL	PAREA7	5
606472.2	4122240	3.48277	59.43	59.43	1.5	ANNUAL	PAREA7	5
606712.2	4122240	14.29983	59.9	59.9	1.5	ANNUAL	PAREA7	5
606732.2	4122240	8.94642	59.92	59.92	1.5	ANNUAL	PAREA7	5
606752.2	4122240	5.98374	59.88	59.88	1.5	ANNUAL	PAREA7	5
605852.2	4122260	0.13024	57.05	57.05	1.5	ANNUAL	PAREA7	5
605872.2	4122260	0.13668	57.21	57.21	1.5	ANNUAL	PAREA7	5
605892.2	4122260	0.14365	57.32	57.32	1.5	ANNUAL	PAREA7	5
605912.2	4122260	0.15124	57.38	57.38	1.5	ANNUAL	PAREA7	5
605932.2	4122260	0.15952	57.5	57.5	1.5	ANNUAL	PAREA7	5
605952.2	4122260	0.16857	57.52	57.52	1.5	ANNUAL	PAREA7	5
605972.2	4122260	0.1785	57.67	57.67	1.5	ANNUAL	PAREA7	5
605992.2	4122260	0.18942	57.72	57.72	1.5	ANNUAL	PAREA7	5
606012.2	4122260	0.20148	57.69	57.69	1.5	ANNUAL	PAREA7	5
606032.2	4122260	0.21485	57.73	57.73	1.5	ANNUAL	PAREA7	5
606052.2	4122260	0.22973	57.78	57.78	1.5	ANNUAL	PAREA7	5
606132.2	4122260	0.31011	57.6	57.6	1.5	ANNUAL	PAREA7	5
606152.2	4122260	0.33743	58.06	58.06	1.5	ANNUAL	PAREA7	5
606172.2	4122260	0.36882	58.21	58.21	1.5	ANNUAL	PAREA7	5
606192.2	4122260	0.40523	58.18	58.18	1.5	ANNUAL	PAREA7	5
606212.2	4122260	0.44769	58.08	58.08	1.5	ANNUAL	PAREA7	5
606292.2	4122260	0.71487	58.24	58.24	1.5	ANNUAL	PAREA7	5
606312.2	4122260	0.82057	58.44	58.44	1.5	ANNUAL	PAREA7	5
606332.2	4122260	0.95296	58.62	58.62	1.5	ANNUAL	PAREA7	5
606352.2	4122260	1.12189	58.77	58.77	1.5	ANNUAL	PAREA7	5
606392.2	4122260	1.63028	59.36	59.36	1.5	ANNUAL	PAREA7	5
606412.2	4122260	2.03197	59.46	59.46	1.5	ANNUAL	PAREA7	5
606452.2	4122260	3.44015	59.75	59.75	1.5	ANNUAL	PAREA7	5
606472.2	4122260	4.73865	59.81	59.81	1.5	ANNUAL	PAREA7	5
606712.2	4122260	8.91126	59.71	59.71	1.5	ANNUAL	PAREA7	5
605852.2	4122280	0.13573	57.17	57.17	1.5	ANNUAL	PAREA7	5
605872.2	4122280	0.14254	58.52	58.52	1.5	ANNUAL	PAREA7	5
605892.2	4122280	0.14989	58.94	58.94	1.5	ANNUAL	PAREA7	5
605912.2	4122280	0.15834	58.28	59.19	1.5	ANNUAL	PAREA7	5
605932.2	4122280	0.16736	57.6	57.6	1.5	ANNUAL	PAREA7	5
605952.2	4122280	0.17722	57.58	57.58	1.5	ANNUAL	PAREA7	5
605972.2	4122280	0.18807	57.77	57.77	1.5	ANNUAL	PAREA7	5
605992.2	4122280	0.20007	57.82	57.82	1.5	ANNUAL	PAREA7	5
606012.2	4122280	0.21337	57.78	57.78	1.5	ANNUAL	PAREA7	5
606032.2	4122280	0.22818	57.81	57.81	1.5	ANNUAL	PAREA7	5
606052.2	4122280	0.24475	58.08	58.08	1.5	ANNUAL	PAREA7	5
606172.2	4122280	0.4037	58.06	58.06	1.5	ANNUAL	PAREA7	5
606192.2	4122280	0.44627	58.2	58.2	1.5	ANNUAL	PAREA7	5
606212.2	4122280	0.49648	58.15	58.15	1.5	ANNUAL	PAREA7	5
606232.2	4122280	0.55617	58.18	58.18	1.5	ANNUAL	PAREA7	5

606292.2	4122280	0.82179	58.3	58.3	1.5	ANNUAL	PAREA7	5
606312.2	4122280	0.95447	58.48	58.48	1.5	ANNUAL	PAREA7	5
606332.2	4122280	1.12279	58.66	58.66	1.5	ANNUAL	PAREA7	5
606352.2	4122280	1.3404	58.83	58.83	1.5	ANNUAL	PAREA7	5
606372.2	4122280	1.62595	59.12	59.12	1.5	ANNUAL	PAREA7	5
606392.2	4122280	2.01186	59.4	59.4	1.5	ANNUAL	PAREA7	5
606412.2	4122280	2.55237	59.45	59.45	1.5	ANNUAL	PAREA7	5
606432.2	4122280	3.32399	59.54	59.54	1.5	ANNUAL	PAREA7	5
606452.2	4122280	4.45268	59.75	59.75	1.5	ANNUAL	PAREA7	5
606472.2	4122280	6.16067	59.79	59.79	1.5	ANNUAL	PAREA7	5
606492.2	4122280	8.78737	59.75	59.75	1.5	ANNUAL	PAREA7	5
606512.2	4122280	12.8806	59.69	59.69	1.5	ANNUAL	PAREA7	5
606532.2	4122280	19.45972	59.51	59.51	1.5	ANNUAL	PAREA7	5
606552.2	4122280	30.82531	59.15	59.15	1.5	ANNUAL	PAREA7	5
606572.2	4122280	53.33274	59.16	59.16	1.5	ANNUAL	PAREA7	5
606892.2	4122280	0.79197	59.51	59.51	1.5	ANNUAL	PAREA7	5
606912.2	4122280	0.6923	59.68	59.68	1.5	ANNUAL	PAREA7	5
605632.2	4122300	0.08829	55.35	55.35	1.5	ANNUAL	PAREA7	5
605652.2	4122300	0.09163	55.4	55.4	1.5	ANNUAL	PAREA7	5
605672.2	4122300	0.09521	55.97	55.97	1.5	ANNUAL	PAREA7	5
605692.2	4122300	0.099	56.08	56.08	1.5	ANNUAL	PAREA7	5
605852.2	4122300	0.14152	56.96	56.96	1.5	ANNUAL	PAREA7	5
605872.2	4122300	0.14883	58.66	58.66	1.5	ANNUAL	PAREA7	5
605892.2	4122300	0.15648	59.9	59.9	1.5	ANNUAL	PAREA7	5
605912.2	4122300	0.16569	59.11	59.11	1.5	ANNUAL	PAREA7	5
605932.2	4122300	0.17591	57.78	57.78	1.5	ANNUAL	PAREA7	5
605952.2	4122300	0.18674	57.67	57.67	1.5	ANNUAL	PAREA7	5
605972.2	4122300	0.1987	57.77	57.77	1.5	ANNUAL	PAREA7	5
605992.2	4122300	0.21198	57.81	57.81	1.5	ANNUAL	PAREA7	5
606012.2	4122300	0.22679	57.78	57.78	1.5	ANNUAL	PAREA7	5
606032.2	4122300	0.24336	57.79	57.79	1.5	ANNUAL	PAREA7	5
606052.2	4122300	0.262	57.96	57.96	1.5	ANNUAL	PAREA7	5
606292.2	4122300	0.95269	58.39	58.39	1.5	ANNUAL	PAREA7	5
606312.2	4122300	1.11759	58.65	58.65	1.5	ANNUAL	PAREA7	5
606332.2	4122300	1.32918	58.85	58.85	1.5	ANNUAL	PAREA7	5
606352.2	4122300	1.60676	58.89	58.89	1.5	ANNUAL	PAREA7	5
606392.2	4122300	2.46618	59.48	59.48	1.5	ANNUAL	PAREA7	5
606412.2	4122300	3.15568	59.49	59.49	1.5	ANNUAL	PAREA7	5
606432.2	4122300	4.11809	59.68	59.68	1.5	ANNUAL	PAREA7	5
606452.2	4122300	5.48493	59.81	59.81	1.5	ANNUAL	PAREA7	5
606472.2	4122300	7.44455	59.79	59.79	1.5	ANNUAL	PAREA7	5
606492.2	4122300	10.24535	59.85	59.85	1.5	ANNUAL	PAREA7	5
606512.2	4122300	14.31841	59.83	59.83	1.5	ANNUAL	PAREA7	5
606832.2	4122300	1.04957	59.44	59.44	1.5	ANNUAL	PAREA7	5
606852.2	4122300	0.90328	59.77	59.77	1.5	ANNUAL	PAREA7	5
606872.2	4122300	0.78845	59.64	59.64	1.5	ANNUAL	PAREA7	5
606892.2	4122300	0.69225	59.72	59.72	1.5	ANNUAL	PAREA7	5
606912.2	4122300	0.6126	59.72	59.72	1.5	ANNUAL	PAREA7	5
605632.2	4122320	0.09084	55.6	55.6	1.5	ANNUAL	PAREA7	5
605652.2	4122320	0.09437	55.89	55.89	1.5	ANNUAL	PAREA7	5
605672.2	4122320	0.09815	56.38	56.38	1.5	ANNUAL	PAREA7	5
605692.2	4122320	0.10217	56.37	56.37	1.5	ANNUAL	PAREA7	5
605772.2	4122320	0.12149	56.92	56.92	1.5	ANNUAL	PAREA7	5
605792.2	4122320	0.1273	56.99	56.99	1.5	ANNUAL	PAREA7	5
605852.2	4122320	0.1479	57.46	59.49	1.5	ANNUAL	PAREA7	5
605872.2	4122320	0.15559	59.31	59.31	1.5	ANNUAL	PAREA7	5
605892.2	4122320	0.16433	59.62	59.62	1.5	ANNUAL	PAREA7	5
605912.2	4122320	0.17414	59.48	59.48	1.5	ANNUAL	PAREA7	5
605932.2	4122320	0.18561	57.87	57.87	1.5	ANNUAL	PAREA7	5
605952.2	4122320	0.1976	57.34	57.34	1.5	ANNUAL	PAREA7	5
605972.2	4122320	0.2109	57.74	57.74	1.5	ANNUAL	PAREA7	5
605992.2	4122320	0.22575	57.8	57.8	1.5	ANNUAL	PAREA7	5
606012.2	4122320	0.24239	57.84	57.84	1.5	ANNUAL	PAREA7	5

606032.2	4122320	0.26111	57.86	57.86	1.5	ANNUAL	PAREA7	5
606392.2	4122320	2.96273	59.48	59.48	1.5	ANNUAL	PAREA7	5
606412.2	4122320	3.77434	59.52	59.52	1.5	ANNUAL	PAREA7	5
606432.2	4122320	4.87035	59.54	59.54	1.5	ANNUAL	PAREA7	5
606452.2	4122320	6.32582	59.91	59.91	1.5	ANNUAL	PAREA7	5
606472.2	4122320	8.30365	59.8	59.8	1.5	ANNUAL	PAREA7	5
606752.2	4122320	1.72621	59.61	59.61	1.5	ANNUAL	PAREA7	5
606772.2	4122320	1.4251	59.89	59.89	1.5	ANNUAL	PAREA7	5
606792.2	4122320	1.20181	59.89	59.89	1.5	ANNUAL	PAREA7	5
606812.2	4122320	1.02996	59.77	59.77	1.5	ANNUAL	PAREA7	5
606832.2	4122320	0.89281	59.72	59.72	1.5	ANNUAL	PAREA7	5
606852.2	4122320	0.77996	59.89	59.89	1.5	ANNUAL	PAREA7	5
606872.2	4122320	0.68942	59.69	59.69	1.5	ANNUAL	PAREA7	5
606892.2	4122320	0.61245	59.69	59.69	1.5	ANNUAL	PAREA7	5
606912.2	4122320	0.54739	59.68	59.68	1.5	ANNUAL	PAREA7	5
605632.2	4122340	0.09356	56.01	56.01	1.5	ANNUAL	PAREA7	5
605652.2	4122340	0.09729	55.94	55.94	1.5	ANNUAL	PAREA7	5
605672.2	4122340	0.10131	56.2	56.2	1.5	ANNUAL	PAREA7	5
605692.2	4122340	0.10561	56.23	56.23	1.5	ANNUAL	PAREA7	5
605712.2	4122340	0.11023	56.38	56.38	1.5	ANNUAL	PAREA7	5
605732.2	4122340	0.11524	57.25	57.25	1.5	ANNUAL	PAREA7	5
605752.2	4122340	0.12055	58.37	58.37	1.5	ANNUAL	PAREA7	5
605772.2	4122340	0.12636	58.35	58.8	1.5	ANNUAL	PAREA7	5
605792.2	4122340	0.13259	58.55	58.55	1.5	ANNUAL	PAREA7	5
605812.2	4122340	0.13954	58.25	59.98	1.5	ANNUAL	PAREA7	5
605832.2	4122340	0.14704	58.07	59.98	1.5	ANNUAL	PAREA7	5
605852.2	4122340	0.15505	58.53	58.53	1.5	ANNUAL	PAREA7	5
605872.2	4122340	0.16353	59.58	59.58	1.5	ANNUAL	PAREA7	5
605892.2	4122340	0.17332	59.57	59.57	1.5	ANNUAL	PAREA7	5
605912.2	4122340	0.18407	59.66	59.66	1.5	ANNUAL	PAREA7	5
605932.2	4122340	0.19683	58.34	59	1.5	ANNUAL	PAREA7	5
605952.2	4122340	0.21032	57.77	57.77	1.5	ANNUAL	PAREA7	5
605972.2	4122340	0.22527	57.8	57.8	1.5	ANNUAL	PAREA7	5
606692.2	4122340	2.74676	59.65	59.65	1.5	ANNUAL	PAREA7	5
606712.2	4122340	2.12692	59.94	59.94	1.5	ANNUAL	PAREA7	5
606732.2	4122340	1.70942	60.06	60.06	1.5	ANNUAL	PAREA7	5
606752.2	4122340	1.41526	59.81	59.81	1.5	ANNUAL	PAREA7	5
606772.2	4122340	1.18995	59.86	59.86	1.5	ANNUAL	PAREA7	5
606792.2	4122340	1.01836	59.69	59.69	1.5	ANNUAL	PAREA7	5
606812.2	4122340	0.88138	59.69	59.69	1.5	ANNUAL	PAREA7	5
606832.2	4122340	0.77231	59.57	59.57	1.5	ANNUAL	PAREA7	5
606852.2	4122340	0.68178	59.67	59.67	1.5	ANNUAL	PAREA7	5
606872.2	4122340	0.6066	59.8	59.8	1.5	ANNUAL	PAREA7	5
606892.2	4122340	0.54474	59.63	59.63	1.5	ANNUAL	PAREA7	5
606912.2	4122340	0.49115	59.66	59.66	1.5	ANNUAL	PAREA7	5
605632.2	4122360	0.09659	55.97	55.97	1.5	ANNUAL	PAREA7	5
605652.2	4122360	0.10059	55.94	55.94	1.5	ANNUAL	PAREA7	5
605672.2	4122360	0.10492	56.31	56.31	1.5	ANNUAL	PAREA7	5
605692.2	4122360	0.10955	56.4	56.4	1.5	ANNUAL	PAREA7	5
605712.2	4122360	0.11455	56.57	56.57	1.5	ANNUAL	PAREA7	5
605732.2	4122360	0.11996	57.31	57.31	1.5	ANNUAL	PAREA7	5
605752.2	4122360	0.12561	58.82	58.82	1.5	ANNUAL	PAREA7	5
605772.2	4122360	0.13163	59.8	59.8	1.5	ANNUAL	PAREA7	5
605792.2	4122360	0.13852	59.68	59.68	1.5	ANNUAL	PAREA7	5
605812.2	4122360	0.14584	60.07	60.07	1.5	ANNUAL	PAREA7	5
605832.2	4122360	0.1541	59.81	59.81	1.5	ANNUAL	PAREA7	5
605852.2	4122360	0.16322	59.43	59.43	1.5	ANNUAL	PAREA7	5
605872.2	4122360	0.17301	59.58	59.58	1.5	ANNUAL	PAREA7	5
605892.2	4122360	0.18389	59.6	59.6	1.5	ANNUAL	PAREA7	5
605912.2	4122360	0.19579	59.85	59.85	1.5	ANNUAL	PAREA7	5
605952.2	4122360	0.22535	57.6	57.6	1.5	ANNUAL	PAREA7	5
606632.2	4122360	5.67949	59.49	59.49	1.5	ANNUAL	PAREA7	5
606652.2	4122360	3.97655	59.85	59.85	1.5	ANNUAL	PAREA7	5

606672.2	4122360	2.89241	59.95	59.95	1.5	ANNUAL	PAREA7	5
606692.2	4122360	2.20735	60.03	60.03	1.5	ANNUAL	PAREA7	5
606712.2	4122360	1.75773	59.74	59.74	1.5	ANNUAL	PAREA7	5
606732.2	4122360	1.43179	59.9	59.9	1.5	ANNUAL	PAREA7	5
606772.2	4122360	1.016	59.67	59.67	1.5	ANNUAL	PAREA7	5
606792.2	4122360	0.87578	59.56	59.56	1.5	ANNUAL	PAREA7	5
606812.2	4122360	0.76373	59.52	59.52	1.5	ANNUAL	PAREA7	5
606832.2	4122360	0.67209	59.67	59.67	1.5	ANNUAL	PAREA7	5
606852.2	4122360	0.59897	59.47	59.47	1.5	ANNUAL	PAREA7	5
606872.2	4122360	0.53576	59.8	59.8	1.5	ANNUAL	PAREA7	5
606892.2	4122360	0.48487	59.57	59.57	1.5	ANNUAL	PAREA7	5
606912.2	4122360	0.44097	59.46	59.46	1.5	ANNUAL	PAREA7	5
605632.2	4122380	0.10014	56.18	56.18	1.5	ANNUAL	PAREA7	5
605652.2	4122380	0.10447	56.08	56.08	1.5	ANNUAL	PAREA7	5
605672.2	4122380	0.10915	56.46	56.46	1.5	ANNUAL	PAREA7	5
605692.2	4122380	0.11419	56.65	56.65	1.5	ANNUAL	PAREA7	5
605712.2	4122380	0.11963	56.74	56.74	1.5	ANNUAL	PAREA7	5
605732.2	4122380	0.12552	57.49	57.49	1.5	ANNUAL	PAREA7	5
605752.2	4122380	0.13164	59.04	59.04	1.5	ANNUAL	PAREA7	5
605772.2	4122380	0.13838	59.6	59.6	1.5	ANNUAL	PAREA7	5
605792.2	4122380	0.14586	59.77	59.77	1.5	ANNUAL	PAREA7	5
605812.2	4122380	0.15401	60.03	60.03	1.5	ANNUAL	PAREA7	5
605832.2	4122380	0.16321	59.64	59.64	1.5	ANNUAL	PAREA7	5
605852.2	4122380	0.17318	59.58	59.58	1.5	ANNUAL	PAREA7	5
605872.2	4122380	0.18415	59.63	59.63	1.5	ANNUAL	PAREA7	5
605892.2	4122380	0.19633	59.6	59.6	1.5	ANNUAL	PAREA7	5
605912.2	4122380	0.20981	59.63	59.63	1.5	ANNUAL	PAREA7	5
606572.2	4122380	7.57567	59.59	59.59	1.5	ANNUAL	PAREA7	5
606592.2	4122380	6.64225	59.66	59.66	1.5	ANNUAL	PAREA7	5
606612.2	4122380	5.4414	59.72	59.72	1.5	ANNUAL	PAREA7	5
606632.2	4122380	4.1756	59.71	59.71	1.5	ANNUAL	PAREA7	5
606652.2	4122380	3.10162	59.87	59.87	1.5	ANNUAL	PAREA7	5
606752.2	4122380	1.03912	59.59	59.59	1.5	ANNUAL	PAREA7	5
606772.2	4122380	0.88496	59.83	59.83	1.5	ANNUAL	PAREA7	5
606792.2	4122380	0.76486	59.87	59.87	1.5	ANNUAL	PAREA7	5
606812.2	4122380	0.67039	59.63	59.63	1.5	ANNUAL	PAREA7	5
606832.2	4122380	0.59284	59.56	59.56	1.5	ANNUAL	PAREA7	5
606852.2	4122380	0.52966	59.41	59.41	1.5	ANNUAL	PAREA7	5
606872.2	4122380	0.47641	59.5	59.5	1.5	ANNUAL	PAREA7	5
606892.2	4122380	0.43177	59.62	59.62	1.5	ANNUAL	PAREA7	5
605632.2	4122400	0.10432	56.24	56.24	1.5	ANNUAL	PAREA7	5
605652.2	4122400	0.10902	56.1	56.1	1.5	ANNUAL	PAREA7	5
605672.2	4122400	0.11412	56.5	56.5	1.5	ANNUAL	PAREA7	5
605692.2	4122400	0.11962	56.64	56.64	1.5	ANNUAL	PAREA7	5
605712.2	4122400	0.12557	56.76	56.76	1.5	ANNUAL	PAREA7	5
605732.2	4122400	0.13204	57.59	57.59	1.5	ANNUAL	PAREA7	5
605752.2	4122400	0.13871	59.26	59.26	1.5	ANNUAL	PAREA7	5
605772.2	4122400	0.14622	59.6	59.6	1.5	ANNUAL	PAREA7	5
605792.2	4122400	0.15455	59.59	59.59	1.5	ANNUAL	PAREA7	5
605812.2	4122400	0.16369	59.6	59.6	1.5	ANNUAL	PAREA7	5
605832.2	4122400	0.17374	59.57	59.57	1.5	ANNUAL	PAREA7	5
605852.2	4122400	0.18483	59.56	59.56	1.5	ANNUAL	PAREA7	5
605872.2	4122400	0.1969	59.88	59.88	1.5	ANNUAL	PAREA7	5
605892.2	4122400	0.2107	59.55	59.55	1.5	ANNUAL	PAREA7	5
605912.2	4122400	0.22638	58.79	59.2	1.5	ANNUAL	PAREA7	5
605932.2	4122400	0.24386	57.36	57.36	1.5	ANNUAL	PAREA7	5
606512.2	4122400	6.46942	59.59	59.59	1.5	ANNUAL	PAREA7	5
606532.2	4122400	6.31343	59.68	59.68	1.5	ANNUAL	PAREA7	5
606552.2	4122400	5.95904	59.7	59.7	1.5	ANNUAL	PAREA7	5
606572.2	4122400	5.46476	59.71	59.71	1.5	ANNUAL	PAREA7	5
606592.2	4122400	4.81995	59.71	59.71	1.5	ANNUAL	PAREA7	5
606692.2	4122400	1.56364	59.69	59.69	1.5	ANNUAL	PAREA7	5
606712.2	4122400	1.28325	59.86	59.86	1.5	ANNUAL	PAREA7	5

606732.2	4122400	1.07595	59.87	59.87	1.5	ANNUAL	PAREA7	5
606752.2	4122400	0.91618	59.74	59.74	1.5	ANNUAL	PAREA7	5
606772.2	4122400	0.78736	59.83	59.83	1.5	ANNUAL	PAREA7	5
606792.2	4122400	0.68318	59.95	59.95	1.5	ANNUAL	PAREA7	5
606812.2	4122400	0.60027	59.68	59.68	1.5	ANNUAL	PAREA7	5
606832.2	4122400	0.53118	59.63	59.63	1.5	ANNUAL	PAREA7	5
605632.2	4122420	0.10919	56.36	56.36	1.5	ANNUAL	PAREA7	5
605652.2	4122420	0.11434	56.42	56.42	1.5	ANNUAL	PAREA7	5
605672.2	4122420	0.11991	56.71	56.71	1.5	ANNUAL	PAREA7	5
605692.2	4122420	0.12592	56.78	56.78	1.5	ANNUAL	PAREA7	5
605712.2	4122420	0.13246	56.82	56.82	1.5	ANNUAL	PAREA7	5
605732.2	4122420	0.13956	57.47	57.47	1.5	ANNUAL	PAREA7	5
605752.2	4122420	0.14691	59.24	59.24	1.5	ANNUAL	PAREA7	5
605772.2	4122420	0.1552	59.59	59.59	1.5	ANNUAL	PAREA7	5
605792.2	4122420	0.16442	59.56	59.56	1.5	ANNUAL	PAREA7	5
605812.2	4122420	0.17456	59.53	59.53	1.5	ANNUAL	PAREA7	5
605832.2	4122420	0.18579	59.36	59.36	1.5	ANNUAL	PAREA7	5
605852.2	4122420	0.19821	59.19	59.19	1.5	ANNUAL	PAREA7	5
605872.2	4122420	0.21227	58.56	59.97	1.5	ANNUAL	PAREA7	5
605892.2	4122420	0.22777	58.02	59.56	1.5	ANNUAL	PAREA7	5
605912.2	4122420	0.24481	57.26	57.26	1.5	ANNUAL	PAREA7	5
606452.2	4122420	4.84813	59.4	59.4	1.5	ANNUAL	PAREA7	5
606472.2	4122420	5.02588	59.54	59.54	1.5	ANNUAL	PAREA7	5
606492.2	4122420	5.08615	59.67	59.67	1.5	ANNUAL	PAREA7	5
606512.2	4122420	5.01655	59.69	59.69	1.5	ANNUAL	PAREA7	5
606532.2	4122420	4.83042	59.29	59.29	1.5	ANNUAL	PAREA7	5
606552.2	4122420	4.521	59.59	59.59	1.5	ANNUAL	PAREA7	5
606632.2	4122420	2.59041	59.59	59.59	1.5	ANNUAL	PAREA7	5
606652.2	4122420	2.07031	59.81	59.81	1.5	ANNUAL	PAREA7	5
606672.2	4122420	1.65556	59.57	59.57	1.5	ANNUAL	PAREA7	5
606692.2	4122420	1.34328	59.86	59.86	1.5	ANNUAL	PAREA7	5
606712.2	4122420	1.1199	59.77	59.77	1.5	ANNUAL	PAREA7	5
606732.2	4122420	0.94956	59.84	59.84	1.5	ANNUAL	PAREA7	5
606752.2	4122420	0.81586	59.89	59.89	1.5	ANNUAL	PAREA7	5
606772.2	4122420	0.70798	59.9	59.9	1.5	ANNUAL	PAREA7	5
606852.2	4122420	0.4332	59.41	59.41	1.5	ANNUAL	PAREA7	5
606872.2	4122420	0.38926	59.51	59.51	1.5	ANNUAL	PAREA7	5
606892.2	4122420	0.35276	59.5	59.5	1.5	ANNUAL	PAREA7	5
606912.2	4122420	0.32291	59.15	59.15	1.5	ANNUAL	PAREA7	5
605632.2	4122440	0.11477	56.46	56.46	1.5	ANNUAL	PAREA7	5
605652.2	4122440	0.1204	56.76	56.76	1.5	ANNUAL	PAREA7	5
605672.2	4122440	0.12647	56.96	56.96	1.5	ANNUAL	PAREA7	5
605692.2	4122440	0.13306	56.98	56.98	1.5	ANNUAL	PAREA7	5
605712.2	4122440	0.14022	56.95	56.95	1.5	ANNUAL	PAREA7	5
605732.2	4122440	0.14802	57.48	57.48	1.5	ANNUAL	PAREA7	5
605752.2	4122440	0.1564	58.5	58.96	1.5	ANNUAL	PAREA7	5
605772.2	4122440	0.16564	58.64	59.06	1.5	ANNUAL	PAREA7	5
605792.2	4122440	0.17588	58.54	58.54	1.5	ANNUAL	PAREA7	5
605812.2	4122440	0.18723	58.29	58.29	1.5	ANNUAL	PAREA7	5
605832.2	4122440	0.19968	58.03	58.03	1.5	ANNUAL	PAREA7	5
605852.2	4122440	0.2134	57.63	57.63	1.5	ANNUAL	PAREA7	5
605872.2	4122440	0.22862	57.03	57.03	1.5	ANNUAL	PAREA7	5
605892.2	4122440	0.24555	57.01	57.01	1.5	ANNUAL	PAREA7	5
606452.2	4122440	4.05978	59.7	59.7	1.5	ANNUAL	PAREA7	5
606472.2	4122440	4.11787	59.64	59.64	1.5	ANNUAL	PAREA7	5
606492.2	4122440	4.09612	59.5	59.5	1.5	ANNUAL	PAREA7	5
606552.2	4122440	3.55228	59.47	59.47	1.5	ANNUAL	PAREA7	5
606612.2	4122440	2.51284	59.88	59.88	1.5	ANNUAL	PAREA7	5
606632.2	4122440	2.12411	59.79	59.79	1.5	ANNUAL	PAREA7	5
606652.2	4122440	1.74644	59.74	59.74	1.5	ANNUAL	PAREA7	5
606672.2	4122440	1.42461	59.45	59.45	1.5	ANNUAL	PAREA7	5
606692.2	4122440	1.17008	59.83	59.83	1.5	ANNUAL	PAREA7	5
606712.2	4122440	0.98438	59.9	59.9	1.5	ANNUAL	PAREA7	5

606732.2	4122440	0.84396	59.85	59.85	1.5	ANNUAL	PAREA7	5
606812.2	4122440	0.50221	59.55	59.55	1.5	ANNUAL	PAREA7	5
606832.2	4122440	0.44742	59.55	59.55	1.5	ANNUAL	PAREA7	5
606852.2	4122440	0.40056	59.51	59.51	1.5	ANNUAL	PAREA7	5
606872.2	4122440	0.36061	59.4	59.4	1.5	ANNUAL	PAREA7	5
606892.2	4122440	0.32629	59.43	59.43	1.5	ANNUAL	PAREA7	5
606912.2	4122440	0.29793	59.09	59.09	1.5	ANNUAL	PAREA7	5
605632.2	4122460	0.12099	56.44	56.44	1.5	ANNUAL	PAREA7	5
605652.2	4122460	0.12712	56.68	56.68	1.5	ANNUAL	PAREA7	5
605672.2	4122460	0.13375	56.74	56.74	1.5	ANNUAL	PAREA7	5
605692.2	4122460	0.14095	56.75	56.75	1.5	ANNUAL	PAREA7	5
605712.2	4122460	0.14878	56.95	56.95	1.5	ANNUAL	PAREA7	5
605732.2	4122460	0.15732	57.23	57.23	1.5	ANNUAL	PAREA7	5
605752.2	4122460	0.16665	57.28	57.28	1.5	ANNUAL	PAREA7	5
605772.2	4122460	0.17686	57.22	57.22	1.5	ANNUAL	PAREA7	5
605792.2	4122460	0.18809	57.15	57.15	1.5	ANNUAL	PAREA7	5
605812.2	4122460	0.20044	57.11	57.11	1.5	ANNUAL	PAREA7	5
605832.2	4122460	0.21408	56.95	56.95	1.5	ANNUAL	PAREA7	5
606392.2	4122460	3.15114	58.98	58.98	1.5	ANNUAL	PAREA7	5
606412.2	4122460	3.27964	59.13	59.13	1.5	ANNUAL	PAREA7	5
606432.2	4122460	3.36635	59.33	59.33	1.5	ANNUAL	PAREA7	5
606552.2	4122460	2.85676	59.88	59.88	1.5	ANNUAL	PAREA7	5
606572.2	4122460	2.62534	59.86	59.86	1.5	ANNUAL	PAREA7	5
606592.2	4122460	2.34746	60.06	60.06	1.5	ANNUAL	PAREA7	5
606612.2	4122460	2.06156	60.12	60.12	1.5	ANNUAL	PAREA7	5
606632.2	4122460	1.77842	59.88	59.88	1.5	ANNUAL	PAREA7	5
606652.2	4122460	1.49553	59.67	59.67	1.5	ANNUAL	PAREA7	5
606672.2	4122460	1.2393	59.54	59.54	1.5	ANNUAL	PAREA7	5
606752.2	4122460	0.66202	59.55	59.55	1.5	ANNUAL	PAREA7	5
606772.2	4122460	0.58336	59.72	59.72	1.5	ANNUAL	PAREA7	5
606792.2	4122460	0.51851	59.59	59.59	1.5	ANNUAL	PAREA7	5
606812.2	4122460	0.46238	59.77	59.77	1.5	ANNUAL	PAREA7	5
606832.2	4122460	0.4152	59.56	59.56	1.5	ANNUAL	PAREA7	5
606852.2	4122460	0.3734	59.61	59.61	1.5	ANNUAL	PAREA7	5
606872.2	4122460	0.33743	59.41	59.41	1.5	ANNUAL	PAREA7	5
606892.2	4122460	0.30542	59.56	59.56	1.5	ANNUAL	PAREA7	5
606912.2	4122460	0.27872	59.15	59.15	1.5	ANNUAL	PAREA7	5
606332.2	4122480	2.41276	58.58	58.58	1.5	ANNUAL	PAREA7	5
606352.2	4122480	2.55532	59.06	59.06	1.5	ANNUAL	PAREA7	5
606372.2	4122480	2.67721	59.11	59.11	1.5	ANNUAL	PAREA7	5
606392.2	4122480	2.77185	59.11	59.11	1.5	ANNUAL	PAREA7	5
606412.2	4122480	2.83933	59.08	59.08	1.5	ANNUAL	PAREA7	5
606432.2	4122480	2.87839	59.12	59.12	1.5	ANNUAL	PAREA7	5
606452.2	4122480	2.87836	59.55	59.55	1.5	ANNUAL	PAREA7	5
606472.2	4122480	2.83465	60.03	60.03	1.5	ANNUAL	PAREA7	5
606512.2	4122480	2.6326	60.22	60.22	1.5	ANNUAL	PAREA7	5
606532.2	4122480	2.50136	60.18	60.18	1.5	ANNUAL	PAREA7	5
606552.2	4122480	2.35059	60.04	60.04	1.5	ANNUAL	PAREA7	5
606572.2	4122480	2.1611	59.99	59.99	1.5	ANNUAL	PAREA7	5
606592.2	4122480	1.94427	60.09	60.09	1.5	ANNUAL	PAREA7	5
606612.2	4122480	1.73106	59.83	59.83	1.5	ANNUAL	PAREA7	5
606672.2	4122480	1.09087	59.49	59.49	1.5	ANNUAL	PAREA7	5
606692.2	4122480	0.91627	59.68	59.68	1.5	ANNUAL	PAREA7	5
606712.2	4122480	0.78285	59.55	59.55	1.5	ANNUAL	PAREA7	5
606732.2	4122480	0.67871	59.91	59.91	1.5	ANNUAL	PAREA7	5
606752.2	4122480	0.59862	59.82	59.82	1.5	ANNUAL	PAREA7	5
606772.2	4122480	0.53138	60	60	1.5	ANNUAL	PAREA7	5
606792.2	4122480	0.47516	59.96	59.96	1.5	ANNUAL	PAREA7	5
606812.2	4122480	0.42702	59.93	59.93	1.5	ANNUAL	PAREA7	5
606832.2	4122480	0.38614	59.6	59.6	1.5	ANNUAL	PAREA7	5
606852.2	4122480	0.34937	59.66	59.66	1.5	ANNUAL	PAREA7	5
606872.2	4122480	0.31728	59.48	59.48	1.5	ANNUAL	PAREA7	5
606892.2	4122480	0.2884	59.53	59.53	1.5	ANNUAL	PAREA7	5

606912.2	4122480	0.26338	59.25	59.25	1.5	ANNUAL	PAREA7	5
606332.2	4122500	2.21621	59.04	59.04	1.5	ANNUAL	PAREA7	5
606372.2	4122500	2.37522	59.23	59.23	1.5	ANNUAL	PAREA7	5
606392.2	4122500	2.4277	59.06	59.06	1.5	ANNUAL	PAREA7	5
606412.2	4122500	2.46025	59.06	59.06	1.5	ANNUAL	PAREA7	5
606432.2	4122500	2.47339	59.01	59.01	1.5	ANNUAL	PAREA7	5
606472.2	4122500	2.39239	59.97	59.97	1.5	ANNUAL	PAREA7	5
606492.2	4122500	2.30602	60.12	60.12	1.5	ANNUAL	PAREA7	5
606512.2	4122500	2.20888	59.9	59.9	1.5	ANNUAL	PAREA7	5
606532.2	4122500	2.10371	59.62	59.62	1.5	ANNUAL	PAREA7	5
606632.2	4122500	1.30743	59.6	59.6	1.5	ANNUAL	PAREA7	5
606652.2	4122500	1.1339	59.7	59.7	1.5	ANNUAL	PAREA7	5
606672.2	4122500	0.96612	59.82	59.82	1.5	ANNUAL	PAREA7	5
606692.2	4122500	0.82044	59.83	59.83	1.5	ANNUAL	PAREA7	5
606712.2	4122500	0.70364	59.87	59.87	1.5	ANNUAL	PAREA7	5
606732.2	4122500	0.61437	59.83	59.83	1.5	ANNUAL	PAREA7	5
606752.2	4122500	0.54383	60.04	60.04	1.5	ANNUAL	PAREA7	5
606772.2	4122500	0.48687	59.95	59.95	1.5	ANNUAL	PAREA7	5
606792.2	4122500	0.43872	59.68	59.68	1.5	ANNUAL	PAREA7	5
606812.2	4122500	0.39603	59.82	59.82	1.5	ANNUAL	PAREA7	5
606832.2	4122500	0.35961	59.68	59.68	1.5	ANNUAL	PAREA7	5
606852.2	4122500	0.32779	59.45	59.45	1.5	ANNUAL	PAREA7	5
606872.2	4122500	0.29892	59.53	59.53	1.5	ANNUAL	PAREA7	5
606892.2	4122500	0.27302	59.62	59.62	1.5	ANNUAL	PAREA7	5
606912.2	4122500	0.25025	59.34	59.34	1.5	ANNUAL	PAREA7	5
606272.2	4122520	1.75939	58.54	58.54	1.5	ANNUAL	PAREA7	5
606292.2	4122520	1.85569	59.05	59.05	1.5	ANNUAL	PAREA7	5
606392.2	4122520	2.12738	59.17	59.17	1.5	ANNUAL	PAREA7	5
606412.2	4122520	2.14192	59.11	59.11	1.5	ANNUAL	PAREA7	5
606432.2	4122520	2.13773	59.11	59.11	1.5	ANNUAL	PAREA7	5
606472.2	4122520	2.04143	59.65	59.65	1.5	ANNUAL	PAREA7	5
606552.2	4122520	1.67795	59.47	59.47	1.5	ANNUAL	PAREA7	5
606572.2	4122520	1.54437	59.52	59.52	1.5	ANNUAL	PAREA7	5
606592.2	4122520	1.40524	59.55	59.55	1.5	ANNUAL	PAREA7	5
606612.2	4122520	1.27231	59.55	59.55	1.5	ANNUAL	PAREA7	5
606632.2	4122520	1.14	59.55	59.55	1.5	ANNUAL	PAREA7	5
606652.2	4122520	1.00223	59.56	59.56	1.5	ANNUAL	PAREA7	5
606672.2	4122520	0.86349	59.96	59.96	1.5	ANNUAL	PAREA7	5
606692.2	4122520	0.73968	60.11	60.11	1.5	ANNUAL	PAREA7	5
606712.2	4122520	0.63839	59.95	59.95	1.5	ANNUAL	PAREA7	5
606732.2	4122520	0.55995	59.61	59.61	1.5	ANNUAL	PAREA7	5
606752.2	4122520	0.49734	59.88	59.88	1.5	ANNUAL	PAREA7	5
606772.2	4122520	0.4482	59.63	59.63	1.5	ANNUAL	PAREA7	5
606792.2	4122520	0.40597	59.47	59.47	1.5	ANNUAL	PAREA7	5
606812.2	4122520	0.36886	59.39	59.39	1.5	ANNUAL	PAREA7	5
606832.2	4122520	0.33584	59.59	59.59	1.5	ANNUAL	PAREA7	5
606852.2	4122520	0.30739	59.47	59.47	1.5	ANNUAL	PAREA7	5
606872.2	4122520	0.28167	59.64	59.64	1.5	ANNUAL	PAREA7	5
606892.2	4122520	0.25859	59.76	59.76	1.5	ANNUAL	PAREA7	5
606272.2	4122540	1.64928	59	59	1.5	ANNUAL	PAREA7	5
606292.2	4122540	1.71568	59.09	59.09	1.5	ANNUAL	PAREA7	5
606312.2	4122540	1.77024	58.98	58.98	1.5	ANNUAL	PAREA7	5
606332.2	4122540	1.81233	58.82	58.82	1.5	ANNUAL	PAREA7	5
606352.2	4122540	1.83934	59.17	59.17	1.5	ANNUAL	PAREA7	5
606372.2	4122540	1.86044	59.19	59.19	1.5	ANNUAL	PAREA7	5
606392.2	4122540	1.87442	59.14	59.14	1.5	ANNUAL	PAREA7	5
606412.2	4122540	1.87694	59.1	59.1	1.5	ANNUAL	PAREA7	5
606432.2	4122540	1.86002	59.15	59.15	1.5	ANNUAL	PAREA7	5
606492.2	4122540	1.69044	59.26	59.26	1.5	ANNUAL	PAREA7	5
606512.2	4122540	1.61831	59.5	59.5	1.5	ANNUAL	PAREA7	5
606532.2	4122540	1.5393	59.48	59.48	1.5	ANNUAL	PAREA7	5
606552.2	4122540	1.44088	59.61	59.61	1.5	ANNUAL	PAREA7	5
606572.2	4122540	1.32935	59.5	59.5	1.5	ANNUAL	PAREA7	5

606592.2	4122540	1.21569	59.56	59.56	1.5	ANNUAL	PAREA7	5
606612.2	4122540	1.10719	59.87	59.87	1.5	ANNUAL	PAREA7	5
606632.2	4122540	1.00371	59.47	59.47	1.5	ANNUAL	PAREA7	5
606652.2	4122540	0.89146	59.65	59.65	1.5	ANNUAL	PAREA7	5
606672.2	4122540	0.77888	59.68	59.68	1.5	ANNUAL	PAREA7	5
606692.2	4122540	0.67375	59.81	59.81	1.5	ANNUAL	PAREA7	5
606712.2	4122540	0.58406	59.8	59.8	1.5	ANNUAL	PAREA7	5
606732.2	4122540	0.51326	59.44	59.44	1.5	ANNUAL	PAREA7	5
606752.2	4122540	0.45744	59.47	59.47	1.5	ANNUAL	PAREA7	5
606772.2	4122540	0.41318	59.52	59.52	1.5	ANNUAL	PAREA7	5
606792.2	4122540	0.3758	59.6	59.6	1.5	ANNUAL	PAREA7	5
606812.2	4122540	0.34336	59.46	59.46	1.5	ANNUAL	PAREA7	5
606832.2	4122540	0.31399	59.67	59.67	1.5	ANNUAL	PAREA7	5
606852.2	4122540	0.28841	59.64	59.64	1.5	ANNUAL	PAREA7	5
606872.2	4122540	0.2658	59.56	59.56	1.5	ANNUAL	PAREA7	5
606892.2	4122540	0.24531	59.59	59.59	1.5	ANNUAL	PAREA7	5
605632.2	4122560	0.15926	56.47	56.47	1.5	ANNUAL	PAREA7	5
605652.2	4122560	0.16827	56.51	56.51	1.5	ANNUAL	PAREA7	5
605672.2	4122560	0.17806	56.69	56.69	1.5	ANNUAL	PAREA7	5
605692.2	4122560	0.18872	56.62	56.62	1.5	ANNUAL	PAREA7	5
605712.2	4122560	0.20035	56.64	56.64	1.5	ANNUAL	PAREA7	5
605732.2	4122560	0.21305	56.66	56.66	1.5	ANNUAL	PAREA7	5
605752.2	4122560	0.22697	56.66	56.66	1.5	ANNUAL	PAREA7	5
605772.2	4122560	0.24226	56.76	56.76	1.5	ANNUAL	PAREA7	5
605792.2	4122560	0.25905	56.72	56.72	1.5	ANNUAL	PAREA7	5
605812.2	4122560	0.27753	56.79	56.79	1.5	ANNUAL	PAREA7	5
605832.2	4122560	0.29792	56.82	56.82	1.5	ANNUAL	PAREA7	5
605852.2	4122560	0.32047	56.81	56.81	1.5	ANNUAL	PAREA7	5
606292.2	4122560	1.57196	58.91	58.91	1.5	ANNUAL	PAREA7	5
606312.2	4122560	1.6037	58.96	58.96	1.5	ANNUAL	PAREA7	5
606332.2	4122560	1.62727	58.92	58.92	1.5	ANNUAL	PAREA7	5
606352.2	4122560	1.64398	58.98	58.98	1.5	ANNUAL	PAREA7	5
606492.2	4122560	1.46772	59.36	59.36	1.5	ANNUAL	PAREA7	5
606512.2	4122560	1.40692	59.54	59.54	1.5	ANNUAL	PAREA7	5
606532.2	4122560	1.33779	59.41	59.41	1.5	ANNUAL	PAREA7	5
606552.2	4122560	1.25064	59.67	59.67	1.5	ANNUAL	PAREA7	5
606572.2	4122560	1.1547	59.79	59.79	1.5	ANNUAL	PAREA7	5
606592.2	4122560	1.06167	59.77	59.77	1.5	ANNUAL	PAREA7	5
606612.2	4122560	0.97472	59.87	59.87	1.5	ANNUAL	PAREA7	5
606632.2	4122560	0.89081	59.45	59.45	1.5	ANNUAL	PAREA7	5
606652.2	4122560	0.79896	59.63	59.63	1.5	ANNUAL	PAREA7	5
606672.2	4122560	0.70569	59.58	59.58	1.5	ANNUAL	PAREA7	5
606692.2	4122560	0.61643	59.63	59.63	1.5	ANNUAL	PAREA7	5
606712.2	4122560	0.53769	59.58	59.58	1.5	ANNUAL	PAREA7	5
606732.2	4122560	0.47212	59.7	59.7	1.5	ANNUAL	PAREA7	5
606752.2	4122560	0.4211	59.71	59.71	1.5	ANNUAL	PAREA7	5
606772.2	4122560	0.3815	59.65	59.65	1.5	ANNUAL	PAREA7	5
606792.2	4122560	0.34848	59.8	59.8	1.5	ANNUAL	PAREA7	5
606812.2	4122560	0.32	59.69	59.69	1.5	ANNUAL	PAREA7	5
606832.2	4122560	0.29439	59.59	59.59	1.5	ANNUAL	PAREA7	5
606852.2	4122560	0.27127	59.66	59.66	1.5	ANNUAL	PAREA7	5
606872.2	4122560	0.2509	59.58	59.58	1.5	ANNUAL	PAREA7	5
605632.2	4122580	0.16801	56.22	56.22	1.5	ANNUAL	PAREA7	5
605652.2	4122580	0.17765	56.26	56.26	1.5	ANNUAL	PAREA7	5
605672.2	4122580	0.18815	56.39	56.39	1.5	ANNUAL	PAREA7	5
605692.2	4122580	0.19956	56.29	56.29	1.5	ANNUAL	PAREA7	5
605712.2	4122580	0.21202	56.36	56.36	1.5	ANNUAL	PAREA7	5
605732.2	4122580	0.22563	56.33	56.33	1.5	ANNUAL	PAREA7	5
605752.2	4122580	0.24052	56.33	56.33	1.5	ANNUAL	PAREA7	5
605772.2	4122580	0.25686	56.48	56.48	1.5	ANNUAL	PAREA7	5
605792.2	4122580	0.27481	56.51	56.51	1.5	ANNUAL	PAREA7	5
605812.2	4122580	0.29453	56.51	56.51	1.5	ANNUAL	PAREA7	5
605832.2	4122580	0.31626	56.56	56.56	1.5	ANNUAL	PAREA7	5

605852.2	4122580	0.34019	56.58	56.58	1.5	ANNUAL	PAREA7	5
605872.2	4122580	0.36662	56.62	56.62	1.5	ANNUAL	PAREA7	5
605892.2	4122580	0.39575	56.62	56.62	1.5	ANNUAL	PAREA7	5
605912.2	4122580	0.42789	56.61	56.61	1.5	ANNUAL	PAREA7	5
605932.2	4122580	0.46332	56.61	56.61	1.5	ANNUAL	PAREA7	5
606252.2	4122580	1.3722	58.94	58.94	1.5	ANNUAL	PAREA7	5
606272.2	4122580	1.40565	59.03	59.03	1.5	ANNUAL	PAREA7	5
606292.2	4122580	1.43101	59.03	59.03	1.5	ANNUAL	PAREA7	5
606312.2	4122580	1.44907	59.1	59.1	1.5	ANNUAL	PAREA7	5
606472.2	4122580	1.336	59.36	59.36	1.5	ANNUAL	PAREA7	5
606492.2	4122580	1.28664	59.5	59.5	1.5	ANNUAL	PAREA7	5
606512.2	4122580	1.23331	59.74	59.74	1.5	ANNUAL	PAREA7	5
606532.2	4122580	1.17265	59.36	59.36	1.5	ANNUAL	PAREA7	5
606552.2	4122580	1.09479	59.85	59.85	1.5	ANNUAL	PAREA7	5
606572.2	4122580	1.01354	59.88	59.88	1.5	ANNUAL	PAREA7	5
606592.2	4122580	0.93621	59.89	59.89	1.5	ANNUAL	PAREA7	5
606612.2	4122580	0.86692	59.51	59.51	1.5	ANNUAL	PAREA7	5
606632.2	4122580	0.79616	59.52	59.52	1.5	ANNUAL	PAREA7	5
606652.2	4122580	0.72076	59.54	59.54	1.5	ANNUAL	PAREA7	5
606672.2	4122580	0.64233	59.56	59.56	1.5	ANNUAL	PAREA7	5
606692.2	4122580	0.56538	59.83	59.83	1.5	ANNUAL	PAREA7	5
606712.2	4122580	0.49641	59.75	59.75	1.5	ANNUAL	PAREA7	5
606732.2	4122580	0.43758	59.65	59.65	1.5	ANNUAL	PAREA7	5
606752.2	4122580	0.39046	59.58	59.58	1.5	ANNUAL	PAREA7	5
606772.2	4122580	0.35403	59.47	59.47	1.5	ANNUAL	PAREA7	5
606792.2	4122580	0.32466	59.48	59.48	1.5	ANNUAL	PAREA7	5
606812.2	4122580	0.29923	59.58	59.58	1.5	ANNUAL	PAREA7	5
606832.2	4122580	0.27648	59.53	59.53	1.5	ANNUAL	PAREA7	5
606852.2	4122580	0.25569	59.6	59.6	1.5	ANNUAL	PAREA7	5
606992.2	4122580	0.1559	59.46	59.46	1.5	ANNUAL	PAREA7	5
607012.2	4122580	0.1457	59.39	59.39	1.5	ANNUAL	PAREA7	5
607032.2	4122580	0.13627	59.45	59.45	1.5	ANNUAL	PAREA7	5
607052.2	4122580	0.12797	58.85	58.85	1.5	ANNUAL	PAREA7	5
605932.2	4122600	0.48722	56.42	56.42	1.5	ANNUAL	PAREA7	5
606252.2	4122600	1.26633	58.95	58.95	1.5	ANNUAL	PAREA7	5
606272.2	4122600	1.28523	59.29	59.29	1.5	ANNUAL	PAREA7	5
606292.2	4122600	1.30022	59.23	59.23	1.5	ANNUAL	PAREA7	5
606312.2	4122600	1.31172	59.11	59.11	1.5	ANNUAL	PAREA7	5
606412.2	4122600	1.30082	59.03	59.03	1.5	ANNUAL	PAREA7	5
606432.2	4122600	1.26576	59.02	59.02	1.5	ANNUAL	PAREA7	5
606452.2	4122600	1.22371	59.07	59.07	1.5	ANNUAL	PAREA7	5
606472.2	4122600	1.18183	59.05	59.05	1.5	ANNUAL	PAREA7	5
606492.2	4122600	1.13835	59.45	59.45	1.5	ANNUAL	PAREA7	5
606512.2	4122600	1.0919	59.44	59.44	1.5	ANNUAL	PAREA7	5
606532.2	4122600	1.03493	59.5	59.5	1.5	ANNUAL	PAREA7	5
606552.2	4122600	0.96877	59.43	59.43	1.5	ANNUAL	PAREA7	5
606572.2	4122600	0.89981	59.31	59.31	1.5	ANNUAL	PAREA7	5
606592.2	4122600	0.83432	59.49	59.49	1.5	ANNUAL	PAREA7	5
606612.2	4122600	0.77532	59.5	59.5	1.5	ANNUAL	PAREA7	5
606632.2	4122600	0.71646	59.55	59.55	1.5	ANNUAL	PAREA7	5
606652.2	4122600	0.65373	59.48	59.48	1.5	ANNUAL	PAREA7	5
606672.2	4122600	0.58719	59.59	59.59	1.5	ANNUAL	PAREA7	5
606692.2	4122600	0.52121	59.84	59.84	1.5	ANNUAL	PAREA7	5
606712.2	4122600	0.46164	59.35	59.35	1.5	ANNUAL	PAREA7	5
606992.2	4122600	0.1506	59.59	59.59	1.5	ANNUAL	PAREA7	5
607012.2	4122600	0.14109	59.66	59.66	1.5	ANNUAL	PAREA7	5
607032.2	4122600	0.13229	59.69	59.69	1.5	ANNUAL	PAREA7	5
607052.2	4122600	0.12459	58.78	58.78	1.5	ANNUAL	PAREA7	5
605632.2	4122620	0.18651	56.39	56.39	1.5	ANNUAL	PAREA7	5
605652.2	4122620	0.19747	56.39	56.39	1.5	ANNUAL	PAREA7	5
605672.2	4122620	0.2094	56.48	56.48	1.5	ANNUAL	PAREA7	5
605692.2	4122620	0.22235	56.45	56.45	1.5	ANNUAL	PAREA7	5
605712.2	4122620	0.23646	56.35	56.35	1.5	ANNUAL	PAREA7	5

605752.2	4122620	0.26861	56.02	56.02	1.5	ANNUAL	PAREA7	5
605772.2	4122620	0.28698	56.24	56.24	1.5	ANNUAL	PAREA7	5
605792.2	4122620	0.30704	56.3	56.3	1.5	ANNUAL	PAREA7	5
605812.2	4122620	0.32897	56.37	56.37	1.5	ANNUAL	PAREA7	5
605832.2	4122620	0.35292	56.42	56.42	1.5	ANNUAL	PAREA7	5
605852.2	4122620	0.37907	56.4	56.4	1.5	ANNUAL	PAREA7	5
605872.2	4122620	0.40756	56.37	56.37	1.5	ANNUAL	PAREA7	5
605892.2	4122620	0.43856	56.32	56.32	1.5	ANNUAL	PAREA7	5
605932.2	4122620	0.50855	56.38	56.38	1.5	ANNUAL	PAREA7	5
606232.2	4122620	1.14743	58.93	58.93	1.5	ANNUAL	PAREA7	5
606252.2	4122620	1.16378	59.02	59.02	1.5	ANNUAL	PAREA7	5
606272.2	4122620	1.17529	59.11	59.11	1.5	ANNUAL	PAREA7	5
606292.2	4122620	1.1838	59.18	59.18	1.5	ANNUAL	PAREA7	5
606312.2	4122620	1.19179	59.06	59.06	1.5	ANNUAL	PAREA7	5
606352.2	4122620	1.20263	59.04	59.04	1.5	ANNUAL	PAREA7	5
606372.2	4122620	1.20016	59.01	59.01	1.5	ANNUAL	PAREA7	5
606412.2	4122620	1.16031	58.93	58.93	1.5	ANNUAL	PAREA7	5
606432.2	4122620	1.12589	58.82	58.82	1.5	ANNUAL	PAREA7	5
606452.2	4122620	1.0897	58.61	58.61	1.5	ANNUAL	PAREA7	5
606472.2	4122620	1.05376	58.66	58.66	1.5	ANNUAL	PAREA7	5
606492.2	4122620	1.01433	59.41	59.41	1.5	ANNUAL	PAREA7	5
606512.2	4122620	0.97125	59.61	59.61	1.5	ANNUAL	PAREA7	5
606532.2	4122620	0.91996	59.58	59.58	1.5	ANNUAL	PAREA7	5
606552.2	4122620	0.86189	59.4	59.4	1.5	ANNUAL	PAREA7	5
606572.2	4122620	0.80198	59.47	59.47	1.5	ANNUAL	PAREA7	5
606592.2	4122620	0.74765	59.4	59.4	1.5	ANNUAL	PAREA7	5
606612.2	4122620	0.69848	59.34	59.34	1.5	ANNUAL	PAREA7	5
606632.2	4122620	0.6491	59.39	59.39	1.5	ANNUAL	PAREA7	5
606652.2	4122620	0.59613	59.34	59.34	1.5	ANNUAL	PAREA7	5
606672.2	4122620	0.53877	59.73	59.73	1.5	ANNUAL	PAREA7	5
606692.2	4122620	0.48401	59.04	59.04	1.5	ANNUAL	PAREA7	5
606992.2	4122620	0.14549	59.57	59.57	1.5	ANNUAL	PAREA7	5
607012.2	4122620	0.1367	59.71	59.71	1.5	ANNUAL	PAREA7	5
607032.2	4122620	0.12852	59.74	59.74	1.5	ANNUAL	PAREA7	5
607052.2	4122620	0.12102	59.48	59.48	1.5	ANNUAL	PAREA7	5
605632.2	4122640	0.19619	56.2	56.2	1.5	ANNUAL	PAREA7	5
605652.2	4122640	0.20782	56.31	56.31	1.5	ANNUAL	PAREA7	5
605672.2	4122640	0.22045	56.4	56.4	1.5	ANNUAL	PAREA7	5
605692.2	4122640	0.23415	56.35	56.35	1.5	ANNUAL	PAREA7	5
605712.2	4122640	0.24906	56.35	56.35	1.5	ANNUAL	PAREA7	5
605752.2	4122640	0.2829	56.05	56.05	1.5	ANNUAL	PAREA7	5
605772.2	4122640	0.30213	56.3	56.3	1.5	ANNUAL	PAREA7	5
605792.2	4122640	0.32305	56.39	56.39	1.5	ANNUAL	PAREA7	5
605812.2	4122640	0.3458	56.55	56.55	1.5	ANNUAL	PAREA7	5
605832.2	4122640	0.37049	56.54	56.54	1.5	ANNUAL	PAREA7	5
605852.2	4122640	0.39724	56.52	56.52	1.5	ANNUAL	PAREA7	5
605872.2	4122640	0.42617	56.68	56.68	1.5	ANNUAL	PAREA7	5
605892.2	4122640	0.4573	56.51	56.51	1.5	ANNUAL	PAREA7	5
605932.2	4122640	0.52638	56.32	56.32	1.5	ANNUAL	PAREA7	5
606232.2	4122640	1.05869	59.03	59.03	1.5	ANNUAL	PAREA7	5
606252.2	4122640	1.06831	59.05	59.05	1.5	ANNUAL	PAREA7	5
606272.2	4122640	1.07528	59.07	59.07	1.5	ANNUAL	PAREA7	5
606292.2	4122640	1.08121	59.11	59.11	1.5	ANNUAL	PAREA7	5
606312.2	4122640	1.08747	59.03	59.03	1.5	ANNUAL	PAREA7	5
606352.2	4122640	1.0933	58.98	58.98	1.5	ANNUAL	PAREA7	5
606412.2	4122640	1.03894	58.87	58.87	1.5	ANNUAL	PAREA7	5
606432.2	4122640	1.00689	58.74	58.74	1.5	ANNUAL	PAREA7	5
606452.2	4122640	0.97515	58.67	58.67	1.5	ANNUAL	PAREA7	5
606472.2	4122640	0.9442	58.75	58.75	1.5	ANNUAL	PAREA7	5
606492.2	4122640	0.91026	59.12	59.12	1.5	ANNUAL	PAREA7	5
606512.2	4122640	0.87042	59.4	59.4	1.5	ANNUAL	PAREA7	5
606532.2	4122640	0.82302	59.61	59.61	1.5	ANNUAL	PAREA7	5
606552.2	4122640	0.77206	59.29	59.29	1.5	ANNUAL	PAREA7	5

606572.2	4122640	0.72007	59.46	59.46	1.5	ANNUAL	PAREA7	5
606592.2	4122640	0.67417	59.33	59.33	1.5	ANNUAL	PAREA7	5
606612.2	4122640	0.63214	59.48	59.48	1.5	ANNUAL	PAREA7	5
606632.2	4122640	0.59115	59.24	59.24	1.5	ANNUAL	PAREA7	5
606652.2	4122640	0.54572	59.35	59.35	1.5	ANNUAL	PAREA7	5
606672.2	4122640	0.49849	58.82	58.82	1.5	ANNUAL	PAREA7	5
606732.2	4122640	0.35935	58.7	58.7	1.5	ANNUAL	PAREA7	5
606752.2	4122640	0.32133	58.71	58.71	1.5	ANNUAL	PAREA7	5
606772.2	4122640	0.29028	58.71	58.71	1.5	ANNUAL	PAREA7	5
606852.2	4122640	0.21652	58.74	58.74	1.5	ANNUAL	PAREA7	5
606872.2	4122640	0.20278	58.68	58.68	1.5	ANNUAL	PAREA7	5
606992.2	4122640	0.14044	59.6	59.6	1.5	ANNUAL	PAREA7	5
607012.2	4122640	0.13239	59.74	59.74	1.5	ANNUAL	PAREA7	5
607032.2	4122640	0.12482	59.77	59.77	1.5	ANNUAL	PAREA7	5
607052.2	4122640	0.11772	59.79	59.79	1.5	ANNUAL	PAREA7	5
605632.2	4122660	0.2061	55.89	55.89	1.5	ANNUAL	PAREA7	5
605652.2	4122660	0.21837	56.02	56.02	1.5	ANNUAL	PAREA7	5
605672.2	4122660	0.23168	56.08	56.08	1.5	ANNUAL	PAREA7	5
605692.2	4122660	0.24609	56.11	56.11	1.5	ANNUAL	PAREA7	5
605712.2	4122660	0.26173	56.06	56.06	1.5	ANNUAL	PAREA7	5
605752.2	4122660	0.29701	55.86	55.86	1.5	ANNUAL	PAREA7	5
605772.2	4122660	0.31694	56.09	56.09	1.5	ANNUAL	PAREA7	5
605792.2	4122660	0.33848	56.18	56.18	1.5	ANNUAL	PAREA7	5
605812.2	4122660	0.36176	56.38	56.38	1.5	ANNUAL	PAREA7	5
605832.2	4122660	0.38679	56.3	56.3	1.5	ANNUAL	PAREA7	5
605852.2	4122660	0.41372	56.39	56.39	1.5	ANNUAL	PAREA7	5
605872.2	4122660	0.44256	56.58	56.58	1.5	ANNUAL	PAREA7	5
605892.2	4122660	0.47326	56.56	56.56	1.5	ANNUAL	PAREA7	5
605932.2	4122660	0.54006	56.27	56.27	1.5	ANNUAL	PAREA7	5
606252.2	4122660	0.98155	59.04	59.04	1.5	ANNUAL	PAREA7	5
606272.2	4122660	0.98621	59.11	59.11	1.5	ANNUAL	PAREA7	5
606292.2	4122660	0.99143	59.09	59.09	1.5	ANNUAL	PAREA7	5
606312.2	4122660	0.99675	59.01	59.01	1.5	ANNUAL	PAREA7	5
606352.2	4122660	0.99636	58.96	58.96	1.5	ANNUAL	PAREA7	5
606412.2	4122660	0.9342	58.88	58.88	1.5	ANNUAL	PAREA7	5
606432.2	4122660	0.90541	58.82	58.82	1.5	ANNUAL	PAREA7	5
606452.2	4122660	0.87767	58.94	58.94	1.5	ANNUAL	PAREA7	5
606472.2	4122660	0.85108	58.85	58.85	1.5	ANNUAL	PAREA7	5
606492.2	4122660	0.82143	58.76	58.76	1.5	ANNUAL	PAREA7	5
606512.2	4122660	0.78334	59.5	59.5	1.5	ANNUAL	PAREA7	5
606532.2	4122660	0.74089	59.5	59.5	1.5	ANNUAL	PAREA7	5
606552.2	4122660	0.6949	59.47	59.47	1.5	ANNUAL	PAREA7	5
606572.2	4122660	0.65121	59.13	59.13	1.5	ANNUAL	PAREA7	5
606592.2	4122660	0.61131	59.29	59.29	1.5	ANNUAL	PAREA7	5
606612.2	4122660	0.57606	59.25	59.25	1.5	ANNUAL	PAREA7	5
606632.2	4122660	0.54064	59.24	59.24	1.5	ANNUAL	PAREA7	5
606652.2	4122660	0.50153	59.44	59.44	1.5	ANNUAL	PAREA7	5
606672.2	4122660	0.46102	58.79	58.79	1.5	ANNUAL	PAREA7	5
606712.2	4122660	0.37742	58.53	58.53	1.5	ANNUAL	PAREA7	5
606732.2	4122660	0.33822	58.72	58.72	1.5	ANNUAL	PAREA7	5
606752.2	4122660	0.30314	58.77	58.77	1.5	ANNUAL	PAREA7	5
606772.2	4122660	0.27368	58.77	58.77	1.5	ANNUAL	PAREA7	5
606792.2	4122660	0.25043	58.77	58.77	1.5	ANNUAL	PAREA7	5
606832.2	4122660	0.2179	58.78	58.78	1.5	ANNUAL	PAREA7	5
606852.2	4122660	0.20488	58.78	58.78	1.5	ANNUAL	PAREA7	5
606872.2	4122660	0.1925	58.92	58.92	1.5	ANNUAL	PAREA7	5
606892.2	4122660	0.18086	58.96	58.96	1.5	ANNUAL	PAREA7	5
606992.2	4122660	0.13547	59.64	59.64	1.5	ANNUAL	PAREA7	5
607012.2	4122660	0.12813	59.77	59.77	1.5	ANNUAL	PAREA7	5
607032.2	4122660	0.12118	59.77	59.77	1.5	ANNUAL	PAREA7	5
605632.2	4122680	0.21618	55.67	55.67	1.5	ANNUAL	PAREA7	5
605652.2	4122680	0.22906	55.72	55.72	1.5	ANNUAL	PAREA7	5
605672.2	4122680	0.24298	55.77	55.77	1.5	ANNUAL	PAREA7	5

605852.2	4122680	0.42792	56.07	56.07	1.5	ANNUAL	PAREA7	5
605872.2	4122680	0.45622	56.62	56.62	1.5	ANNUAL	PAREA7	5
605892.2	4122680	0.48593	56.71	56.71	1.5	ANNUAL	PAREA7	5
605932.2	4122680	0.54919	56.25	56.25	1.5	ANNUAL	PAREA7	5
605952.2	4122680	0.5826	56.78	56.78	1.5	ANNUAL	PAREA7	5
605972.2	4122680	0.61657	57.09	57.09	1.5	ANNUAL	PAREA7	5
606252.2	4122680	0.9039	59.09	59.09	1.5	ANNUAL	PAREA7	5
606272.2	4122680	0.90817	59.09	59.09	1.5	ANNUAL	PAREA7	5
606312.2	4122680	0.9171	59.01	59.01	1.5	ANNUAL	PAREA7	5
606352.2	4122680	0.90934	59.01	59.01	1.5	ANNUAL	PAREA7	5
606372.2	4122680	0.89322	58.95	58.95	1.5	ANNUAL	PAREA7	5
606392.2	4122680	0.87058	58.75	58.75	1.5	ANNUAL	PAREA7	5
606412.2	4122680	0.84388	58.99	58.99	1.5	ANNUAL	PAREA7	5
606432.2	4122680	0.81892	58.91	58.91	1.5	ANNUAL	PAREA7	5
606452.2	4122680	0.79533	58.92	58.92	1.5	ANNUAL	PAREA7	5
606472.2	4122680	0.77139	58.86	58.86	1.5	ANNUAL	PAREA7	5
606492.2	4122680	0.74394	58.74	58.74	1.5	ANNUAL	PAREA7	5
606512.2	4122680	0.70888	59.44	59.44	1.5	ANNUAL	PAREA7	5
606532.2	4122680	0.67056	59.32	59.32	1.5	ANNUAL	PAREA7	5
606552.2	4122680	0.62951	59.38	59.38	1.5	ANNUAL	PAREA7	5
606572.2	4122680	0.59192	58.86	58.86	1.5	ANNUAL	PAREA7	5
606592.2	4122680	0.55763	59.04	59.04	1.5	ANNUAL	PAREA7	5
606612.2	4122680	0.5271	59.19	59.19	1.5	ANNUAL	PAREA7	5
606632.2	4122680	0.49624	59.44	59.44	1.5	ANNUAL	PAREA7	5
606652.2	4122680	0.46302	59.36	59.36	1.5	ANNUAL	PAREA7	5
606732.2	4122680	0.31923	58.66	58.66	1.5	ANNUAL	PAREA7	5
606752.2	4122680	0.28704	58.75	58.75	1.5	ANNUAL	PAREA7	5
606772.2	4122680	0.25918	58.75	58.75	1.5	ANNUAL	PAREA7	5
606792.2	4122680	0.23669	58.73	58.73	1.5	ANNUAL	PAREA7	5
606812.2	4122680	0.21932	58.76	58.76	1.5	ANNUAL	PAREA7	5
606832.2	4122680	0.20556	58.92	58.92	1.5	ANNUAL	PAREA7	5
606852.2	4122680	0.19381	59.04	59.04	1.5	ANNUAL	PAREA7	5
606872.2	4122680	0.18292	59.05	59.05	1.5	ANNUAL	PAREA7	5
606892.2	4122680	0.17254	58.94	58.94	1.5	ANNUAL	PAREA7	5
606992.2	4122680	0.13063	59.57	59.57	1.5	ANNUAL	PAREA7	5
607012.2	4122680	0.12399	59.61	59.61	1.5	ANNUAL	PAREA7	5
607032.2	4122680	0.1176	59.7	59.7	1.5	ANNUAL	PAREA7	5
605632.2	4122700	0.2264	56.12	56.12	1.5	ANNUAL	PAREA7	5
605652.2	4122700	0.23981	56.16	56.16	1.5	ANNUAL	PAREA7	5
605672.2	4122700	0.25426	56.22	56.22	1.5	ANNUAL	PAREA7	5
605692.2	4122700	0.26979	56.22	56.22	1.5	ANNUAL	PAREA7	5
605712.2	4122700	0.28649	56.25	56.25	1.5	ANNUAL	PAREA7	5
605752.2	4122700	0.32358	56.02	56.02	1.5	ANNUAL	PAREA7	5
605772.2	4122700	0.34408	56.04	56.04	1.5	ANNUAL	PAREA7	5
605792.2	4122700	0.36595	56.11	56.11	1.5	ANNUAL	PAREA7	5
605812.2	4122700	0.38915	56.14	56.14	1.5	ANNUAL	PAREA7	5
605852.2	4122700	0.43953	56.07	56.07	1.5	ANNUAL	PAREA7	5
605872.2	4122700	0.46671	56.63	56.63	1.5	ANNUAL	PAREA7	5
605892.2	4122700	0.49492	56.78	56.78	1.5	ANNUAL	PAREA7	5
605932.2	4122700	0.55367	56.22	56.22	1.5	ANNUAL	PAREA7	5
605952.2	4122700	0.584	56.78	56.78	1.5	ANNUAL	PAREA7	5
605972.2	4122700	0.61427	57.33	57.33	1.5	ANNUAL	PAREA7	5
605992.2	4122700	0.64408	57.38	57.38	1.5	ANNUAL	PAREA7	5
606012.2	4122700	0.673	57.36	57.36	1.5	ANNUAL	PAREA7	5
606032.2	4122700	0.70055	57.56	57.56	1.5	ANNUAL	PAREA7	5
606112.2	4122700	0.78756	58.46	58.46	1.5	ANNUAL	PAREA7	5
606132.2	4122700	0.80112	58.93	58.93	1.5	ANNUAL	PAREA7	5
606412.2	4122700	0.76643	59	59	1.5	ANNUAL	PAREA7	5
606432.2	4122700	0.74497	58.92	58.92	1.5	ANNUAL	PAREA7	5
606452.2	4122700	0.72433	58.91	58.91	1.5	ANNUAL	PAREA7	5
606472.2	4122700	0.70225	58.92	58.92	1.5	ANNUAL	PAREA7	5
606492.2	4122700	0.67644	58.86	58.86	1.5	ANNUAL	PAREA7	5
606512.2	4122700	0.64513	59.04	59.04	1.5	ANNUAL	PAREA7	5

606532.2	4122700	0.60946	59.29	59.29	1.5	ANNUAL	PAREA7	5
606552.2	4122700	0.57346	59.11	59.11	1.5	ANNUAL	PAREA7	5
606572.2	4122700	0.54018	58.83	58.83	1.5	ANNUAL	PAREA7	5
606592.2	4122700	0.51039	59.12	59.12	1.5	ANNUAL	PAREA7	5
606612.2	4122700	0.48419	59.25	59.25	1.5	ANNUAL	PAREA7	5
606632.2	4122700	0.45796	59.26	59.26	1.5	ANNUAL	PAREA7	5
606652.2	4122700	0.42891	59.33	59.33	1.5	ANNUAL	PAREA7	5
606732.2	4122700	0.30178	58.72	58.72	1.5	ANNUAL	PAREA7	5
606752.2	4122700	0.27252	58.72	58.72	1.5	ANNUAL	PAREA7	5
606772.2	4122700	0.24639	58.69	58.69	1.5	ANNUAL	PAREA7	5
606792.2	4122700	0.22454	58.77	58.77	1.5	ANNUAL	PAREA7	5
606812.2	4122700	0.20744	58.91	58.91	1.5	ANNUAL	PAREA7	5
606832.2	4122700	0.19426	59.08	59.08	1.5	ANNUAL	PAREA7	5
606852.2	4122700	0.18356	59.14	59.14	1.5	ANNUAL	PAREA7	5
606872.2	4122700	0.17401	58.97	58.97	1.5	ANNUAL	PAREA7	5
605632.2	4122720	0.23646	55.87	55.87	1.5	ANNUAL	PAREA7	5
605652.2	4122720	0.25031	55.98	55.98	1.5	ANNUAL	PAREA7	5
605672.2	4122720	0.26515	56.08	56.08	1.5	ANNUAL	PAREA7	5
605692.2	4122720	0.28106	56.34	56.34	1.5	ANNUAL	PAREA7	5
605712.2	4122720	0.29801	56.25	56.25	1.5	ANNUAL	PAREA7	5
605752.2	4122720	0.33527	56.1	56.1	1.5	ANNUAL	PAREA7	5
605812.2	4122720	0.39985	56.43	56.43	1.5	ANNUAL	PAREA7	5
605872.2	4122720	0.47385	56.64	56.64	1.5	ANNUAL	PAREA7	5
605892.2	4122720	0.50014	56.83	56.83	1.5	ANNUAL	PAREA7	5
605952.2	4122720	0.5806	56.89	56.89	1.5	ANNUAL	PAREA7	5
605972.2	4122720	0.60692	57.38	57.38	1.5	ANNUAL	PAREA7	5
605992.2	4122720	0.63229	57.37	57.37	1.5	ANNUAL	PAREA7	5
606112.2	4122720	0.7441	58.4	58.4	1.5	ANNUAL	PAREA7	5
606132.2	4122720	0.75251	59.04	59.04	1.5	ANNUAL	PAREA7	5
606152.2	4122720	0.75944	59.01	59.01	1.5	ANNUAL	PAREA7	5
606172.2	4122720	0.76413	58.91	58.91	1.5	ANNUAL	PAREA7	5
606192.2	4122720	0.76754	58.65	58.65	1.5	ANNUAL	PAREA7	5
606212.2	4122720	0.76977	58.68	58.68	1.5	ANNUAL	PAREA7	5
606232.2	4122720	0.77227	58.79	58.79	1.5	ANNUAL	PAREA7	5
606252.2	4122720	0.77557	59	59	1.5	ANNUAL	PAREA7	5
606272.2	4122720	0.7797	59.09	59.09	1.5	ANNUAL	PAREA7	5
606292.2	4122720	0.78295	59.01	59.01	1.5	ANNUAL	PAREA7	5
606312.2	4122720	0.7822	58.95	58.95	1.5	ANNUAL	PAREA7	5
606352.2	4122720	0.76099	58.82	58.82	1.5	ANNUAL	PAREA7	5
606372.2	4122720	0.74173	58.75	58.75	1.5	ANNUAL	PAREA7	5
606412.2	4122720	0.69956	59.02	59.02	1.5	ANNUAL	PAREA7	5
606432.2	4122720	0.68098	58.95	58.95	1.5	ANNUAL	PAREA7	5
606452.2	4122720	0.66256	58.91	58.91	1.5	ANNUAL	PAREA7	5
606472.2	4122720	0.642	58.94	58.94	1.5	ANNUAL	PAREA7	5
606492.2	4122720	0.61809	58.71	58.71	1.5	ANNUAL	PAREA7	5
606512.2	4122720	0.589	58.92	58.92	1.5	ANNUAL	PAREA7	5
606532.2	4122720	0.5566	59.14	59.14	1.5	ANNUAL	PAREA7	5
606552.2	4122720	0.52444	59	59	1.5	ANNUAL	PAREA7	5
606572.2	4122720	0.49474	59.05	59.05	1.5	ANNUAL	PAREA7	5
606592.2	4122720	0.46944	59.05	59.05	1.5	ANNUAL	PAREA7	5
606612.2	4122720	0.44689	59.1	59.1	1.5	ANNUAL	PAREA7	5
606632.2	4122720	0.42428	59	59	1.5	ANNUAL	PAREA7	5
606652.2	4122720	0.39919	58.88	58.88	1.5	ANNUAL	PAREA7	5
606732.2	4122720	0.28586	58.73	58.73	1.5	ANNUAL	PAREA7	5
606752.2	4122720	0.25923	58.75	58.75	1.5	ANNUAL	PAREA7	5
606772.2	4122720	0.23485	58.73	58.73	1.5	ANNUAL	PAREA7	5
606792.2	4122720	0.21375	58.9	58.9	1.5	ANNUAL	PAREA7	5
606812.2	4122720	0.19693	59.04	59.04	1.5	ANNUAL	PAREA7	5
606832.2	4122720	0.18419	59.03	59.03	1.5	ANNUAL	PAREA7	5
606852.2	4122720	0.17417	59.01	59.01	1.5	ANNUAL	PAREA7	5
607032.2	4122720	0.11065	59.05	59.05	1.5	ANNUAL	PAREA7	5
605632.2	4122740	0.24621	55.37	55.37	1.5	ANNUAL	PAREA7	5
605652.2	4122740	0.26035	55.45	55.45	1.5	ANNUAL	PAREA7	5

605672.2	4122740	0.27546	55.81	55.81	1.5	ANNUAL	PAREA7	5
605692.2	4122740	0.29151	56.06	56.06	1.5	ANNUAL	PAREA7	5
605712.2	4122740	0.30852	56.2	56.2	1.5	ANNUAL	PAREA7	5
605752.2	4122740	0.34543	56.02	56.02	1.5	ANNUAL	PAREA7	5
605812.2	4122740	0.40807	56.51	56.51	1.5	ANNUAL	PAREA7	5
605872.2	4122740	0.4776	56.71	56.71	1.5	ANNUAL	PAREA7	5
605892.2	4122740	0.50165	56.86	56.86	1.5	ANNUAL	PAREA7	5
605952.2	4122740	0.57283	56.87	56.87	1.5	ANNUAL	PAREA7	5
605972.2	4122740	0.5952	57.3	57.3	1.5	ANNUAL	PAREA7	5
605992.2	4122740	0.61627	57.33	57.33	1.5	ANNUAL	PAREA7	5
606112.2	4122740	0.70079	58.38	58.38	1.5	ANNUAL	PAREA7	5
606132.2	4122740	0.70575	58.94	58.94	1.5	ANNUAL	PAREA7	5
606152.2	4122740	0.70935	59.04	59.04	1.5	ANNUAL	PAREA7	5
606172.2	4122740	0.71174	58.99	58.99	1.5	ANNUAL	PAREA7	5
606192.2	4122740	0.7138	58.79	58.79	1.5	ANNUAL	PAREA7	5
606212.2	4122740	0.71577	58.84	58.84	1.5	ANNUAL	PAREA7	5
606232.2	4122740	0.71895	58.8	58.8	1.5	ANNUAL	PAREA7	5
606252.2	4122740	0.72275	58.94	58.94	1.5	ANNUAL	PAREA7	5
606272.2	4122740	0.72653	58.9	58.9	1.5	ANNUAL	PAREA7	5
606292.2	4122740	0.72757	58.94	58.94	1.5	ANNUAL	PAREA7	5
606312.2	4122740	0.72367	58.89	58.89	1.5	ANNUAL	PAREA7	5
606352.2	4122740	0.69769	58.76	58.76	1.5	ANNUAL	PAREA7	5
606392.2	4122740	0.66016	58.47	58.47	1.5	ANNUAL	PAREA7	5
606412.2	4122740	0.64169	58.94	58.94	1.5	ANNUAL	PAREA7	5
606432.2	4122740	0.62546	58.83	58.83	1.5	ANNUAL	PAREA7	5
606452.2	4122740	0.60843	58.91	58.91	1.5	ANNUAL	PAREA7	5
606472.2	4122740	0.58935	58.79	58.79	1.5	ANNUAL	PAREA7	5
606492.2	4122740	0.56659	58.72	58.72	1.5	ANNUAL	PAREA7	5
606512.2	4122740	0.53926	59.14	59.14	1.5	ANNUAL	PAREA7	5
606532.2	4122740	0.51042	58.97	58.97	1.5	ANNUAL	PAREA7	5
606552.2	4122740	0.48144	59	59	1.5	ANNUAL	PAREA7	5
606572.2	4122740	0.45518	59.16	59.16	1.5	ANNUAL	PAREA7	5
606592.2	4122740	0.43383	58.73	58.73	1.5	ANNUAL	PAREA7	5
606612.2	4122740	0.41397	58.94	58.94	1.5	ANNUAL	PAREA7	5
606632.2	4122740	0.39407	58.98	58.98	1.5	ANNUAL	PAREA7	5
606732.2	4122740	0.27108	58.86	58.86	1.5	ANNUAL	PAREA7	5
606752.2	4122740	0.24697	58.85	58.85	1.5	ANNUAL	PAREA7	5
606772.2	4122740	0.22438	58.81	58.81	1.5	ANNUAL	PAREA7	5
606792.2	4122740	0.20423	58.97	58.97	1.5	ANNUAL	PAREA7	5
606812.2	4122740	0.18781	58.97	58.97	1.5	ANNUAL	PAREA7	5
606832.2	4122740	0.1752	58.88	58.88	1.5	ANNUAL	PAREA7	5
606952.2	4122740	0.12902	59.01	59.01	1.5	ANNUAL	PAREA7	5
606972.2	4122740	0.12268	59.33	59.33	1.5	ANNUAL	PAREA7	5
606992.2	4122740	0.11714	58.99	58.99	1.5	ANNUAL	PAREA7	5
607012.2	4122740	0.11199	58.9	58.9	1.5	ANNUAL	PAREA7	5
607032.2	4122740	0.10711	59.01	59.01	1.5	ANNUAL	PAREA7	5
607052.2	4122740	0.10246	58.96	58.96	1.5	ANNUAL	PAREA7	5
605632.2	4122760	0.25553	55.34	55.34	1.5	ANNUAL	PAREA7	5
605652.2	4122760	0.26976	55.21	55.21	1.5	ANNUAL	PAREA7	5
605672.2	4122760	0.28493	55.59	55.59	1.5	ANNUAL	PAREA7	5
605692.2	4122760	0.30093	55.89	55.89	1.5	ANNUAL	PAREA7	5
605712.2	4122760	0.31779	56.3	56.3	1.5	ANNUAL	PAREA7	5
605752.2	4122760	0.35384	55.94	55.94	1.5	ANNUAL	PAREA7	5
605772.2	4122760	0.37313	56.19	56.19	1.5	ANNUAL	PAREA7	5
605812.2	4122760	0.41374	56.43	56.43	1.5	ANNUAL	PAREA7	5
605832.2	4122760	0.43486	56.44	56.44	1.5	ANNUAL	PAREA7	5
605872.2	4122760	0.47804	56.66	56.66	1.5	ANNUAL	PAREA7	5
605892.2	4122760	0.49965	56.85	56.85	1.5	ANNUAL	PAREA7	5
605912.2	4122760	0.52088	56.7	56.7	1.5	ANNUAL	PAREA7	5
605952.2	4122760	0.56128	56.83	56.83	1.5	ANNUAL	PAREA7	5
605972.2	4122760	0.57986	57.28	57.28	1.5	ANNUAL	PAREA7	5
605992.2	4122760	0.59694	57.37	57.37	1.5	ANNUAL	PAREA7	5
606112.2	4122760	0.65866	58.4	58.4	1.5	ANNUAL	PAREA7	5

606132.2	4122760	0.66096	58.99	58.99	1.5	ANNUAL	PAREA7	5
606152.2	4122760	0.66284	58.96	58.96	1.5	ANNUAL	PAREA7	5
606172.2	4122760	0.66407	58.96	58.96	1.5	ANNUAL	PAREA7	5
606192.2	4122760	0.6656	58.93	58.93	1.5	ANNUAL	PAREA7	5
606212.2	4122760	0.66806	58.95	58.95	1.5	ANNUAL	PAREA7	5
606232.2	4122760	0.67166	58.97	58.97	1.5	ANNUAL	PAREA7	5
606252.2	4122760	0.67551	59.02	59.02	1.5	ANNUAL	PAREA7	5
606272.2	4122760	0.67805	58.94	58.94	1.5	ANNUAL	PAREA7	5
606292.2	4122760	0.67646	59.02	59.02	1.5	ANNUAL	PAREA7	5
606312.2	4122760	0.6699	58.8	58.8	1.5	ANNUAL	PAREA7	5
606352.2	4122760	0.64111	58.68	58.68	1.5	ANNUAL	PAREA7	5
606392.2	4122760	0.60687	58.55	58.55	1.5	ANNUAL	PAREA7	5
606412.2	4122760	0.59106	58.89	58.89	1.5	ANNUAL	PAREA7	5
606432.2	4122760	0.57657	58.77	58.77	1.5	ANNUAL	PAREA7	5
606452.2	4122760	0.56092	58.74	58.74	1.5	ANNUAL	PAREA7	5
606472.2	4122760	0.54258	58.81	58.81	1.5	ANNUAL	PAREA7	5
606492.2	4122760	0.5211	58.79	58.79	1.5	ANNUAL	PAREA7	5
606512.2	4122760	0.49588	59.13	59.13	1.5	ANNUAL	PAREA7	5
606532.2	4122760	0.46955	59	59	1.5	ANNUAL	PAREA7	5
606552.2	4122760	0.44354	59.09	59.09	1.5	ANNUAL	PAREA7	5
606572.2	4122760	0.42087	58.9	58.9	1.5	ANNUAL	PAREA7	5
606592.2	4122760	0.40201	58.64	58.64	1.5	ANNUAL	PAREA7	5
606612.2	4122760	0.38469	58.84	58.84	1.5	ANNUAL	PAREA7	5
606732.2	4122760	0.25756	58.85	58.85	1.5	ANNUAL	PAREA7	5
606752.2	4122760	0.23575	58.81	58.81	1.5	ANNUAL	PAREA7	5
606772.2	4122760	0.21487	58.81	58.81	1.5	ANNUAL	PAREA7	5
606792.2	4122760	0.19579	58.91	58.91	1.5	ANNUAL	PAREA7	5
606812.2	4122760	0.17976	58.85	58.85	1.5	ANNUAL	PAREA7	5
606952.2	4122760	0.12427	59.04	59.04	1.5	ANNUAL	PAREA7	5
606972.2	4122760	0.11835	59.14	59.14	1.5	ANNUAL	PAREA7	5
606992.2	4122760	0.113	59.04	59.04	1.5	ANNUAL	PAREA7	5
607012.2	4122760	0.1081	59.07	59.07	1.5	ANNUAL	PAREA7	5
607032.2	4122760	0.10359	59.14	59.14	1.5	ANNUAL	PAREA7	5
607052.2	4122760	0.09925	59.43	59.43	1.5	ANNUAL	PAREA7	5
605632.2	4122780	0.26423	55.85	55.85	1.5	ANNUAL	PAREA7	5
605652.2	4122780	0.27838	55.45	55.45	1.5	ANNUAL	PAREA7	5
605672.2	4122780	0.29335	55.53	55.53	1.5	ANNUAL	PAREA7	5
605692.2	4122780	0.30912	55.97	55.97	1.5	ANNUAL	PAREA7	5
605712.2	4122780	0.32559	56.36	56.36	1.5	ANNUAL	PAREA7	5
605752.2	4122780	0.36036	55.83	55.83	1.5	ANNUAL	PAREA7	5
605772.2	4122780	0.37877	56.24	56.24	1.5	ANNUAL	PAREA7	5
605792.2	4122780	0.39764	56.32	56.32	1.5	ANNUAL	PAREA7	5
605812.2	4122780	0.41688	56.32	56.32	1.5	ANNUAL	PAREA7	5
605872.2	4122780	0.47535	56.54	56.54	1.5	ANNUAL	PAREA7	5
605892.2	4122780	0.49442	56.87	56.87	1.5	ANNUAL	PAREA7	5
605912.2	4122780	0.51279	56.82	56.82	1.5	ANNUAL	PAREA7	5
605952.2	4122780	0.54665	56.84	56.84	1.5	ANNUAL	PAREA7	5
605992.2	4122780	0.57524	57.42	57.42	1.5	ANNUAL	PAREA7	5
606112.2	4122780	0.61828	58.54	58.54	1.5	ANNUAL	PAREA7	5
606132.2	4122780	0.61921	58.92	58.92	1.5	ANNUAL	PAREA7	5
606152.2	4122780	0.62016	58.85	58.85	1.5	ANNUAL	PAREA7	5
606172.2	4122780	0.6212	58.83	58.83	1.5	ANNUAL	PAREA7	5
606192.2	4122780	0.62293	58.96	58.96	1.5	ANNUAL	PAREA7	5
606212.2	4122780	0.62613	58.93	58.93	1.5	ANNUAL	PAREA7	5
606232.2	4122780	0.62995	58.96	58.96	1.5	ANNUAL	PAREA7	5
606252.2	4122780	0.63304	59.01	59.01	1.5	ANNUAL	PAREA7	5
606272.2	4122780	0.63361	58.92	58.92	1.5	ANNUAL	PAREA7	5
606292.2	4122780	0.62959	58.83	58.83	1.5	ANNUAL	PAREA7	5
606312.2	4122780	0.62021	58.8	58.8	1.5	ANNUAL	PAREA7	5
606352.2	4122780	0.59051	58.75	58.75	1.5	ANNUAL	PAREA7	5
606372.2	4122780	0.57477	58.61	58.61	1.5	ANNUAL	PAREA7	5
606392.2	4122780	0.56015	58.65	58.65	1.5	ANNUAL	PAREA7	5
606412.2	4122780	0.54672	58.67	58.67	1.5	ANNUAL	PAREA7	5

606432.2	4122780	0.53333	58.69	58.69	1.5	ANNUAL	PAREA7	5
606452.2	4122780	0.5185	58.72	58.72	1.5	ANNUAL	PAREA7	5
606472.2	4122780	0.50111	58.8	58.8	1.5	ANNUAL	PAREA7	5
606492.2	4122780	0.4809	58.78	58.78	1.5	ANNUAL	PAREA7	5
606512.2	4122780	0.45771	58.99	58.99	1.5	ANNUAL	PAREA7	5
606532.2	4122780	0.43369	58.87	58.87	1.5	ANNUAL	PAREA7	5
606552.2	4122780	0.41052	58.84	58.84	1.5	ANNUAL	PAREA7	5
606572.2	4122780	0.39017	58.9	58.9	1.5	ANNUAL	PAREA7	5
606592.2	4122780	0.37339	58.86	58.86	1.5	ANNUAL	PAREA7	5
606852.2	4122780	0.15002	59.42	59.42	1.5	ANNUAL	PAREA7	5
606872.2	4122780	0.14256	59.78	59.78	1.5	ANNUAL	PAREA7	5
606892.2	4122780	0.13649	59.88	59.88	1.5	ANNUAL	PAREA7	5
606912.2	4122780	0.13103	59.41	59.41	1.5	ANNUAL	PAREA7	5
606932.2	4122780	0.12546	59.16	59.16	1.5	ANNUAL	PAREA7	5
606952.2	4122780	0.11976	59.13	59.13	1.5	ANNUAL	PAREA7	5
606972.2	4122780	0.11421	59.24	59.24	1.5	ANNUAL	PAREA7	5
606992.2	4122780	0.10905	59.35	59.35	1.5	ANNUAL	PAREA7	5
607012.2	4122780	0.10437	59.45	59.45	1.5	ANNUAL	PAREA7	5
607032.2	4122780	0.1001	59.54	59.54	1.5	ANNUAL	PAREA7	5
607052.2	4122780	0.09615	59.6	59.6	1.5	ANNUAL	PAREA7	5
605632.2	4122800	0.27195	55.94	55.94	1.5	ANNUAL	PAREA7	5
605652.2	4122800	0.28594	55.72	55.72	1.5	ANNUAL	PAREA7	5
605672.2	4122800	0.30053	55.44	55.44	1.5	ANNUAL	PAREA7	5
605692.2	4122800	0.31588	55.95	55.95	1.5	ANNUAL	PAREA7	5
605712.2	4122800	0.33179	56.24	56.24	1.5	ANNUAL	PAREA7	5
605732.2	4122800	0.34815	56.16	56.16	1.5	ANNUAL	PAREA7	5
605772.2	4122800	0.38229	56.15	56.15	1.5	ANNUAL	PAREA7	5
605872.2	4122800	0.46984	56.54	56.54	1.5	ANNUAL	PAREA7	5
605892.2	4122800	0.4863	56.82	56.82	1.5	ANNUAL	PAREA7	5
605912.2	4122800	0.50186	56.89	56.89	1.5	ANNUAL	PAREA7	5
605952.2	4122800	0.52964	56.89	56.89	1.5	ANNUAL	PAREA7	5
605992.2	4122800	0.55203	57.38	57.38	1.5	ANNUAL	PAREA7	5
606032.2	4122800	0.56808	57.49	57.49	1.5	ANNUAL	PAREA7	5
606112.2	4122800	0.58055	58.52	58.52	1.5	ANNUAL	PAREA7	5
606352.2	4122800	0.54592	58.58	58.58	1.5	ANNUAL	PAREA7	5
606372.2	4122800	0.53213	58.38	58.38	1.5	ANNUAL	PAREA7	5
606392.2	4122800	0.51918	58.59	58.59	1.5	ANNUAL	PAREA7	5
606412.2	4122800	0.50712	58.67	58.67	1.5	ANNUAL	PAREA7	5
606432.2	4122800	0.49473	58.67	58.67	1.5	ANNUAL	PAREA7	5
606452.2	4122800	0.4807	58.68	58.68	1.5	ANNUAL	PAREA7	5
606472.2	4122800	0.46419	58.77	58.77	1.5	ANNUAL	PAREA7	5
606492.2	4122800	0.44524	58.69	58.69	1.5	ANNUAL	PAREA7	5
606512.2	4122800	0.42369	58.94	58.94	1.5	ANNUAL	PAREA7	5
606532.2	4122800	0.40182	58.78	58.78	1.5	ANNUAL	PAREA7	5
606552.2	4122800	0.38099	58.77	58.77	1.5	ANNUAL	PAREA7	5
606572.2	4122800	0.36303	58.78	58.78	1.5	ANNUAL	PAREA7	5
606672.2	4122800	0.2882	59.6	59.6	1.5	ANNUAL	PAREA7	5
606692.2	4122800	0.26967	59.7	59.7	1.5	ANNUAL	PAREA7	5
606712.2	4122800	0.25109	59.64	59.64	1.5	ANNUAL	PAREA7	5
606732.2	4122800	0.23286	59.58	59.58	1.5	ANNUAL	PAREA7	5
606752.2	4122800	0.21511	59.35	59.35	1.5	ANNUAL	PAREA7	5
606852.2	4122800	0.14338	59.84	59.84	1.5	ANNUAL	PAREA7	5
606872.2	4122800	0.13609	59.89	59.89	1.5	ANNUAL	PAREA7	5
606892.2	4122800	0.13041	59.8	59.8	1.5	ANNUAL	PAREA7	5
606912.2	4122800	0.12552	59.35	59.35	1.5	ANNUAL	PAREA7	5
606932.2	4122800	0.12055	59.26	59.26	1.5	ANNUAL	PAREA7	5
606952.2	4122800	0.11542	59.35	59.35	1.5	ANNUAL	PAREA7	5
606972.2	4122800	0.11032	59.35	59.35	1.5	ANNUAL	PAREA7	5
606992.2	4122800	0.10542	59.48	59.48	1.5	ANNUAL	PAREA7	5
607012.2	4122800	0.10091	59.6	59.6	1.5	ANNUAL	PAREA7	5
607032.2	4122800	0.09684	59.72	59.72	1.5	ANNUAL	PAREA7	5
607052.2	4122800	0.09311	59.83	59.83	1.5	ANNUAL	PAREA7	5
605632.2	4122820	0.27862	56.01	56.01	1.5	ANNUAL	PAREA7	5

605652.2	4122820	0.29228	55.93	55.93	1.5	ANNUAL	PAREA7	5
605672.2	4122820	0.3064	55.46	55.46	1.5	ANNUAL	PAREA7	5
605692.2	4122820	0.32116	55.87	55.87	1.5	ANNUAL	PAREA7	5
605712.2	4122820	0.33635	56.12	56.12	1.5	ANNUAL	PAREA7	5
605732.2	4122820	0.3519	56.28	56.28	1.5	ANNUAL	PAREA7	5
605832.2	4122820	0.4317	56.19	56.19	1.5	ANNUAL	PAREA7	5
605852.2	4122820	0.44709	56.45	56.45	1.5	ANNUAL	PAREA7	5
605872.2	4122820	0.46183	56.68	56.68	1.5	ANNUAL	PAREA7	5
605892.2	4122820	0.47574	56.85	56.85	1.5	ANNUAL	PAREA7	5
605912.2	4122820	0.48862	56.78	56.78	1.5	ANNUAL	PAREA7	5
605952.2	4122820	0.51093	56.78	56.78	1.5	ANNUAL	PAREA7	5
606672.2	4122820	0.2718	60.05	60.05	1.5	ANNUAL	PAREA7	5
606692.2	4122820	0.25518	60.05	60.05	1.5	ANNUAL	PAREA7	5
606712.2	4122820	0.23833	60.05	60.05	1.5	ANNUAL	PAREA7	5
606732.2	4122820	0.22177	60.04	60.04	1.5	ANNUAL	PAREA7	5
606752.2	4122820	0.20571	59.76	59.76	1.5	ANNUAL	PAREA7	5
606852.2	4122820	0.13766	59.81	59.81	1.5	ANNUAL	PAREA7	5
606872.2	4122820	0.13035	59.66	59.66	1.5	ANNUAL	PAREA7	5
606892.2	4122820	0.12481	59.52	59.52	1.5	ANNUAL	PAREA7	5
606912.2	4122820	0.12025	59.24	59.24	1.5	ANNUAL	PAREA7	5
606932.2	4122820	0.11585	59.17	59.17	1.5	ANNUAL	PAREA7	5
606952.2	4122820	0.11121	59.58	59.58	1.5	ANNUAL	PAREA7	5
606972.2	4122820	0.1066	59.5	59.5	1.5	ANNUAL	PAREA7	5
606992.2	4122820	0.10202	59.61	59.61	1.5	ANNUAL	PAREA7	5
607012.2	4122820	0.0977	59.73	59.73	1.5	ANNUAL	PAREA7	5
607032.2	4122820	0.09377	59.84	59.84	1.5	ANNUAL	PAREA7	5
607052.2	4122820	0.09021	59.95	59.95	1.5	ANNUAL	PAREA7	5
605632.2	4122840	0.28414	56.04	56.04	1.5	ANNUAL	PAREA7	5
605652.2	4122840	0.29736	56.02	56.02	1.5	ANNUAL	PAREA7	5
605672.2	4122840	0.31091	55.61	55.61	1.5	ANNUAL	PAREA7	5
605692.2	4122840	0.32489	55.54	55.54	1.5	ANNUAL	PAREA7	5
605712.2	4122840	0.33932	56.03	56.03	1.5	ANNUAL	PAREA7	5
605792.2	4122840	0.3978	55.98	55.98	1.5	ANNUAL	PAREA7	5
605812.2	4122840	0.41216	56.36	56.36	1.5	ANNUAL	PAREA7	5
605832.2	4122840	0.426	56.44	56.44	1.5	ANNUAL	PAREA7	5
605852.2	4122840	0.43922	56.61	56.61	1.5	ANNUAL	PAREA7	5
605872.2	4122840	0.45165	56.67	56.67	1.5	ANNUAL	PAREA7	5
605892.2	4122840	0.46315	56.62	56.62	1.5	ANNUAL	PAREA7	5
605912.2	4122840	0.47362	56.64	56.64	1.5	ANNUAL	PAREA7	5
606092.2	4122840	0.5138	57.96	57.96	1.5	ANNUAL	PAREA7	5
606112.2	4122840	0.51386	57.62	57.62	1.5	ANNUAL	PAREA7	5
606192.2	4122840	0.52252	57.89	57.89	1.5	ANNUAL	PAREA7	5
606212.2	4122840	0.52562	58.17	58.17	1.5	ANNUAL	PAREA7	5
606252.2	4122840	0.52433	58.37	58.37	1.5	ANNUAL	PAREA7	5
606272.2	4122840	0.51793	58.44	58.44	1.5	ANNUAL	PAREA7	5
606292.2	4122840	0.508	58.42	58.42	1.5	ANNUAL	PAREA7	5
606312.2	4122840	0.4958	58.42	58.42	1.5	ANNUAL	PAREA7	5
606332.2	4122840	0.48317	58.29	58.29	1.5	ANNUAL	PAREA7	5
606352.2	4122840	0.47114	58.35	58.35	1.5	ANNUAL	PAREA7	5
606372.2	4122840	0.46058	58.21	58.21	1.5	ANNUAL	PAREA7	5
606392.2	4122840	0.45058	58.27	58.27	1.5	ANNUAL	PAREA7	5
606412.2	4122840	0.44042	58.38	58.38	1.5	ANNUAL	PAREA7	5
606432.2	4122840	0.42924	58.49	58.49	1.5	ANNUAL	PAREA7	5
606452.2	4122840	0.4165	58.48	58.48	1.5	ANNUAL	PAREA7	5
606672.2	4122840	0.25718	60.04	60.04	1.5	ANNUAL	PAREA7	5
606692.2	4122840	0.24212	60.04	60.04	1.5	ANNUAL	PAREA7	5
606712.2	4122840	0.22681	60.04	60.04	1.5	ANNUAL	PAREA7	5
606732.2	4122840	0.21174	60.04	60.04	1.5	ANNUAL	PAREA7	5
606752.2	4122840	0.1972	59.62	59.62	1.5	ANNUAL	PAREA7	5
606852.2	4122840	0.1326	59.73	59.73	1.5	ANNUAL	PAREA7	5
606872.2	4122840	0.12519	59.38	59.38	1.5	ANNUAL	PAREA7	5
606892.2	4122840	0.11962	59.24	59.24	1.5	ANNUAL	PAREA7	5
606912.2	4122840	0.11524	59.1	59.1	1.5	ANNUAL	PAREA7	5

606932.2	4122840	0.11129	59.07	59.07	1.5	ANNUAL	PAREA7	5
606952.2	4122840	0.10714	59.74	59.74	1.5	ANNUAL	PAREA7	5
606972.2	4122840	0.10302	59.69	59.69	1.5	ANNUAL	PAREA7	5
606992.2	4122840	0.0988	59.74	59.74	1.5	ANNUAL	PAREA7	5
607012.2	4122840	0.0947	59.86	59.86	1.5	ANNUAL	PAREA7	5
607032.2	4122840	0.0909	59.97	59.97	1.5	ANNUAL	PAREA7	5
607052.2	4122840	0.08747	60	60	1.5	ANNUAL	PAREA7	5
606158.5	4121900	0.0583	57.39	313.5	1.5	ANNUAL	PAREA7	5
606169	4121883	0.05504	57.41	313.5	1.5	ANNUAL	PAREA7	5
606132.1	4121801	0.03826	57.52	313.5	1.5	ANNUAL	PAREA7	5
606385	4122113	0.33652	61.43	61.43	1.5	ANNUAL	PAREA7	5
606405	4122113	0.3626	61.72	61.72	1.5	ANNUAL	PAREA7	5
606425	4122113	0.39368	61.52	61.52	1.5	ANNUAL	PAREA7	5
606445	4122113	0.43268	60.48	60.48	1.5	ANNUAL	PAREA7	5
606465	4122113	0.47998	59.09	59.09	1.5	ANNUAL	PAREA7	5
606385	4122133	0.41562	61.8	61.8	1.5	ANNUAL	PAREA7	5
606405	4122133	0.4553	61.32	61.32	1.5	ANNUAL	PAREA7	5
606425	4122133	0.50146	60.86	60.86	1.5	ANNUAL	PAREA7	5
606445	4122133	0.55597	60.28	60.28	1.5	ANNUAL	PAREA7	5
606465	4122133	0.62381	59.15	59.15	1.5	ANNUAL	PAREA7	5
606385	4122153	0.52133	60.69	61.52	1.5	ANNUAL	PAREA7	5
606405	4122153	0.57805	60.54	60.54	1.5	ANNUAL	PAREA7	5
606425	4122153	0.64681	60.21	60.21	1.5	ANNUAL	PAREA7	5
606445	4122153	0.7302	59.8	59.8	1.5	ANNUAL	PAREA7	5
606465	4122153	0.83276	59.25	59.25	1.5	ANNUAL	PAREA7	5
606385	4122173	0.65546	57.94	61.91	1.5	ANNUAL	PAREA7	5
606405	4122173	0.73693	58.59	60.32	1.5	ANNUAL	PAREA7	5
606425	4122173	0.8391	58.64	58.64	1.5	ANNUAL	PAREA7	5
606445	4122173	0.97114	57.99	59.8	1.5	ANNUAL	PAREA7	5
606465	4122173	1.1352	58.06	59.47	1.5	ANNUAL	PAREA7	5
606385	4122193	0.80144	57.29	57.29	1.5	ANNUAL	PAREA7	5
606405	4122193	0.92112	57.3	57.3	1.5	ANNUAL	PAREA7	5
606425	4122193	1.07247	57.36	57.36	1.5	ANNUAL	PAREA7	5
606445	4122193	1.26907	57.02	57.02	1.5	ANNUAL	PAREA7	5
606465	4122193	1.53193	57.48	58.37	1.5	ANNUAL	PAREA7	5

CONCUNIT /m^3

DEPUNIT g ^2

Appendix C

Plant and Wildlife Species Lists for the Project Area

ESA

Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Santa Teresa Hills (3712127) OR San Jose East (3712137))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Adela oplerella Opler's longhorn moth	IILEE0G040	None	None	G2	S2	
Agelaius tricolor tricolored blackbird	ABPBXB0020	None	Threatened	G1G2	S2	SSC
Ambystoma californiense pop. 1 California tiger salamander - central California DPS	AAAAA01181	Threatened	Threatened	G2G3T3	S3	WL
Aneides niger Santa Cruz black salamander	AAAAD01070	None	None	G3	S3	SSC
Anniella pulchra Northern California legless lizard	ARACC01020	None	None	G3	S2S3	SSC
Anodonta californiensis California floater	IMBIV04220	None	None	G3Q	S2?	
Antrozous pallidus pallid bat	AMACC10010	None	None	G4	S3	SSC
Aquila chrysaetos golden eagle	ABNKC22010	None	None	G5	S3	FP
Ardea alba great egret	ABNGA04040	None	None	G5	S4	
Ardea herodias great blue heron	ABNGA04010	None	None	G5	S4	
Athene cunicularia burrowing owl	ABNSB10010	None	None	G4	S2	SSC
Balsamorhiza macrolepis big-scale balsamroot	PDAST11061	None	None	G2	S2	1B.2
Bombus caliginosus obscure bumble bee	IIHYM24380	None	None	G2G3	S1S2	
Bombus crotchii Crotch bumble bee	IIHYM24480	None	Candidate Endangered	G2	S2	
Bombus occidentalis western bumble bee	IIHYM24252	None	Candidate Endangered	G3	S1	
Calyptridium parryi var. hesseae Santa Cruz Mountains pussypaws	PDPOR09052	None	None	G3G4T2	S2	1B.1
Centromadia parryi ssp. congdonii Congdon's tarplant	PDAST4R0P1	None	None	G3T2	S2	1B.1
Chlorogalum pomeridianum var. minus dwarf soaproot	PMLIL0G042	None	None	G5T3	S3	1B.2
Chorizanthe robusta var. robusta robust spineflower	PDPGN040Q2	Endangered	None	G2T1	S1	1B.1
Cirsium fontinale var. campylon Mt. Hamilton thistle	PDAST2E163	None	None	G2T2	S2	1B.2

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Clarkia concinna ssp. automixa Santa Clara red ribbons	PDONA050A1	None	None	G5?T3	S3	4.3
Collinsia multicolor San Francisco collinsia	PDSCR0H0B0	None	None	G2	S2	1B.2
Corynorhinus townsendii Townsend's big-eared bat	AMACC08010	None	None	G4	S2	SSC
Coturnicops noveboracensis yellow rail	ABNME01010	None	None	G4	S2	SSC
Cypseloides niger black swift	ABNUA01010	None	None	G4	S3	SSC
Dicamptodon ensatus California giant salamander	AAAAH01020	None	None	G2G3	S2S3	SSC
Dudleya abramsii ssp. setchellii Santa Clara Valley dudleya	PDCRA040Z0	Endangered	None	G4T2	S2	1B.1
Egretta thula snowy egret	ABNGA06030	None	None	G5	S4	
Emys marmorata western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
Euphydryas editha bayensis Bay checkerspot butterfly	IILEPK4055	Threatened	None	G5T1	S3	
Fritillaria liliacea fragrant fritillary	PMLIL0V0C0	None	None	G2	S2	1B.2
Gonidea angulata western ridged mussel	IMBIV19010	None	None	G3	S2	
Hoita strobilina Loma Prieta hoita	PDFAB5Z030	None	None	G2?	S2?	1B.1
Lasiurus cinereus hoary bat	AMACC05032	None	None	G3G4	S4	
Lasthenia conjugens Contra Costa goldfields	PDAST5L040	Endangered	None	G1	S1	1B.1
Lessingia micradenia var. glabrata smooth lessingia	PDAST5S062	None	None	G2T2	S2	1B.2
Malacothamnus arcuatus arcuate bush-mallow	PDMAL0Q0E0	None	None	G2Q	S2	1B.2
Malacothamnus hallii Hall's bush-mallow	PDMAL0Q0F0	None	None	G2	S2	1B.2
Microcina homi Hom's micro-blind harvestman	ILARA47020	None	None	G1	S2	
Monolopia gracilens woodland woollythreads	PDAST6G010	None	None	G3	S3	1B.2
Myotis evotis long-eared myotis	AMACC01070	None	None	G5	S3	

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Myotis yumanensis Yuma myotis	AMACC01020	None	None	G5	S4	
Neotoma fuscipes annectens San Francisco dusky-footed woodrat	AMAFF08082	None	None	G5T2T3	S2S3	SSC
Nycticorax nycticorax black-crowned night heron	ABNGA11010	None	None	G5	S4	
Oncorhynchus mykiss irideus pop. 8 steelhead - central California coast DPS	AFCHA0209G	Threatened	None	G5T3Q	S3	
Penstemon rattanii var. kleei Santa Cruz Mountains beardtongue	PDSCR1L5B1	None	None	G4T2	S2	1B.2
Phrynosoma blainvillii coast horned lizard	ARACF12100	None	None	G4	S4	SSC
Plagiobothrys glaber hairless popcornflower	PDBOR0V0B0	None	None	GX	SX	1A
Rana boylii pop. 4 foothill yellow-legged frog - central coast DPS	AAABH01054	Proposed Threatened	Endangered	G3T2	S2	
Rana draytonii California red-legged frog	AAABH01022	Threatened	None	G2G3	S2S3	SSC
Senecio aphanactis chaparral ragwort	PDAST8H060	None	None	G3	S2	2B.2
Serpentine Bunchgrass Serpentine Bunchgrass	CTT42130CA	None	None	G2	S2.2	
Streptanthus albidus ssp. albidus Metcalf Canyon jewelflower	PDBRA2G011	Endangered	None	G2T1	S1	1B.1
Streptanthus albidus ssp. peramoenus most beautiful jewelflower	PDBRA2G012	None	None	G2T2	S2	1B.2
Taxidea taxus American badger	AMAJF04010	None	None	G5	S3	SSC

Record Count: 55

CNPS Rare Plant Inventory

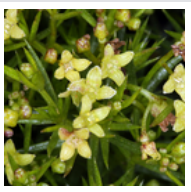
California Native Plant Society

Search Results

32 matches found. Click on scientific name for details

Search Criteria: Quad is one of [3712127:3712137]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	CA ENDEMIC	DATE ADDED	PHOTO
Androsace elongata ssp. *acuta*	California androsace	Primulaceae	annual herb	Mar-Jun	None	None	G5? T3T4	S3S4	4.2		1994-01-01	© 2008 Aaron Schusteff
Balsamorhiza macrolepis	big-scale balsamroot	Asteraceae	perennial herb	Mar-Jun	None	None	G2	S2	1B.2	Yes	1974-01-01	©1998 Dean Wm. Taylor
Calandrinia breweri	Brewer's calandrinia	Montiaceae	annual herb	(Jan)Mar-Jun	None	None	G4	S4	4.2		1994-01-01	No Photo Available
Calyptridium parryi var. *hesseae*	Santa Cruz Mountains pussypaws	Montiaceae	annual herb	May-Aug	None	None	G3G4T2	S2	1B.1	Yes	1984-01-01	No Photo Available
Calystegia collina ssp. *venusta*	South Coast Range morning-glory	Convolvulaceae	perennial rhizomatous herb	Apr-Jun	None	None	G4T4	S4	4.3	Yes	1984-01-01	No Photo Available
Centromadia parryi ssp. *congdonii*	Congdon's tarplant	Asteraceae	annual herb	May-Oct(Nov)	None	None	G3T2	S2	1B.1	Yes	1994-01-01	No Photo Available
Chlorogalum pomeridianum var. *minus*	dwarf soaproot	Agavaceae	perennial bulbiferous herb	May-Aug	None	None	G5T3	S3	1B.2	Yes	1994-01-01	© 1997 Dean Wm Taylor
Chorizanthe robusta var. *robusta*	robust spineflower	Polygonaceae	annual herb	Apr-Sep	FE	None	G2T1	S1	1B.1	Yes	1980-01-01	No Photo Available
Cirsium fontinale var. *campylon*	Mt. Hamilton thistle	Asteraceae	perennial herb	(Feb)Apr-Oct	None	None	G2T2	S2	1B.2	Yes	1974-01-01	No Photo Available

Clarkia concinna ssp. *automixa*	Santa Clara red ribbons	Onagraceae	annual herb	(Apr)May-Jun(Jul)	None	None	G5?T3	S3	4.3	Yes	1994-01-01	No Photo Available
Collinsia multicolor	San Francisco collinsia	Plantaginaceae	annual herb	(Feb)Mar-May	None	None	G2	S2	1B.2	Yes	1974-01-01	No Photo Available
Convolvulus simulans	small-flowered morning-glory	Convolvulaceae	annual herb	Mar-Jul	None	None	G4	S4	4.2		1994-01-01	No Photo Available
Dudleya abramsii ssp. *setchellii*	Santa Clara Valley dudleya	Crassulaceae	perennial herb	Apr-Oct	FE	None	G4T2	S2	1B.1	Yes	1988-01-01	No Photo Available
Eriogonum argillosum	clay buckwheat	Polygonaceae	annual herb	Mar-Jun	None	None	G3G4	S3S4	4.3	Yes	1974-01-01	No Photo Available
Fritillaria liliacea	fragrant fritillary	Liliaceae	perennial bulbiferous herb	Feb-Apr	None	None	G2	S2	1B.2	Yes	1974-01-01	© 2004 Carol W. Witham
Galium andrewsii ssp. *gatense*	phlox-leaf serpentine bedstraw	Rubiaceae	perennial herb	Apr-Jul	None	None	G5T3	S3	4.2	Yes	1994-01-01	 © 2021 Steve Matson
Hoita strobilina	Loma Prieta hoita	Fabaceae	perennial herb	May-Jul(Aug-Oct)	None	None	G2?	S2?	1B.1	Yes	2001-01-01	© 2004 Janell Hillman
Iris longipetala	coast iris	Iridaceae	perennial rhizomatous herb	Mar-May(Jun)	None	None	G3	S3	4.2	Yes	2006-10-12	© 2014 Aaron Schusteff
Lasthenia conjugens	Contra Costa goldfields	Asteraceae	annual herb	Mar-Jun	FE	None	G1	S1	1B.1	Yes	1974-01-01	© 2013 Neal Kramer
Leptosiphon ambiguus	serpentine leptosiphon	Polemoniaceae	annual herb	Mar-Jun	None	None	G4	S4	4.2	Yes	1994-01-01	© 2010 Aaron Schusteff

Leptosiphon aureus	bristly leptosiphon	Polemoniaceae	annual herb	Apr-Jul	None	None	G4?	S4?	4.2	Yes	1994-01-01	© 2007 Len Blumin
Leptosiphon grandiflorus	large-flowered leptosiphon	Polemoniaceae	annual herb	Apr-Aug	None	None	G3G4	S3S4	4.2	Yes	1994-01-01	© 2003 Doreen L. Smith
Lessingia micradenia var. *glabrata*	smooth lessingia	Asteraceae	annual herb	(Apr-Jun)Jul-Nov	None	None	G2T2	S2	1B.2	Yes	1994-01-01	© 2015 Aaron Schusteff
Lomatium parvifolium	small-leaved lomatium	Apiaceae	perennial herb	Jan-Jun	None	None	G3	S3	4.2	Yes	1974-01-01	No Photo Available
Malacothamnus arcuatus	arcuate bush-mallow	Malvaceae	perennial deciduous shrub	Apr-Sep	None	None	G2Q	S2	1B.2	Yes	1974-01-01	© 2017 Keir Morse
Malacothamnus hallii	Hall's bush-mallow	Malvaceae	perennial deciduous shrub	(Apr)May-Sep(Oct)	None	None	G2	S2	1B.2	Yes	1974-01-01	© 2017 Keir Morse
Monolopia gracilens	woodland woollythreads	Asteraceae	annual herb	(Feb)Mar-Jul	None	None	G3	S3	1B.2	Yes	2010-04-06	© 2016 Richard Spellenberg
Penstemon rattanii var. *kleei*	Santa Cruz Mountains beardtongue	Plantaginaceae	perennial herb	May-Jun	None	None	G4T2	S2	1B.2	Yes	1984-01-01	No Photo Available
Plagiobothrys glaber	hairless popcornflower	Boraginaceae	annual herb	Mar-May	None	None	GX	SX	1A	Yes	1974-01-01	No Photo Available
Senecio aphanactis	chaparral ragwort	Asteraceae	annual herb	Jan-Apr(May)	None	None	G3	S2	2B.2		1994-01-01	No Photo Available
Streptanthus albidus ssp. *albidus*	Metcalf Canyon jewelflower	Brassicaceae	annual herb	Apr-Jul	FE	None	G2T1	S1	1B.1	Yes	1974-01-01	Photo of Streptanthus albidus ssp. albidus © 2015 Aaron Schusteff

Streptanthus albidus ssp. *peramoenus*	most beautiful jewelflower	Brassicaceae	annual herb	(Mar)Apr-Sep(Oct)	None	None	G2T2	S2	1B.2	Yes	1988-01-01	© 1994 Robert E. Preston, Ph.D.

Showing 1 to 32 of 32 entries

Suggested Citation:
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IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Santa Clara County, California

Local office

Sacramento Fish And Wildlife Office

(916) 414-6600
(916) 414-6713

Federal Building

2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

NOT FOR CONSULTATION

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
San Joaquin Kit Fox Vulpes macrotis mutica Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2873	Endangered

Birds

NAME	STATUS
California Condor Gymnogyps californianus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/8193	Endangered
California Least Tern Sterna antillarum browni Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8104	Endangered
Marbled Murrelet Brachyramphus marmoratus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/4467	Threatened

Amphibians

NAME	STATUS
California Red-legged Frog Rana draytonii Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/2891	Threatened

NOT FOR CONSULTATION

California Tiger Salamander Ambystoma californiense — Threatened
There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
https://ecos.fws.gov/ecp/species/2076

Foothill Yellow-legged Frog Rana boylii — Proposed Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/5133

Insects

NAME	STATUS

Bay Checkerspot Butterfly Euphydryas editha bayensis — Threatened
Wherever found
There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
https://ecos.fws.gov/ecp/species/2320

Monarch Butterfly Danaus plexippus — Candidate
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/9743

Flowering Plants

NAME	STATUS

Metcalf Canyon Jewelflower Streptanthus albidus ssp. albidus — Endangered
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/4186

Santa Clara Valley Dudleya Dudleya setchellii — Endangered
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/3207

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Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act.

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

Additional information can be found using the following links:

- Eagle Managment https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

There are bald and/or golden eagles in your project area.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list,click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON

NOT FOR CONSULTATION

Bald Eagle Haliaeetus leucocephalus — Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Golden Eagle Aquila chrysaetos — Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1680

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the

NOT FOR CONSULTATION

probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

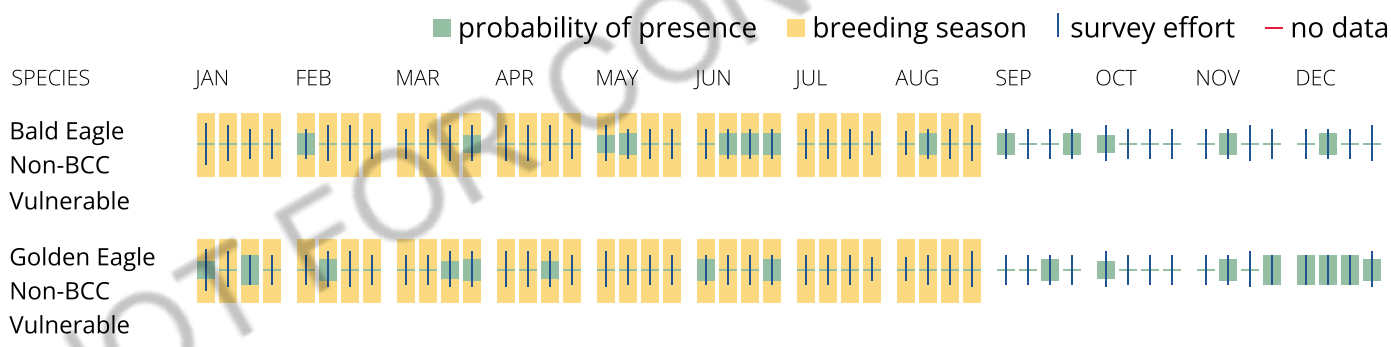
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



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What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply). To see a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

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Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date

range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Allen's Hummingbird Selasphorus sasin This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9637	Breeds Feb 1 to Jul 15
Bald Eagle Haliaeetus leucocephalus This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31
Belding's Savannah Sparrow Passerculus sandwichensis beldingi This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8	Breeds Apr 1 to Aug 15
Bullock's Oriole Icterus bullockii This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 21 to Jul 25
California Gull Larus californicus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 1 to Jul 31
California Thrasher Toxostoma redivivum This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Jul 31

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Clark's Grebe Aechmophorus clarkii — Breeds Jun 1 to Aug 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Common Yellowthroat Geothlypis trichas sinuosa — Breeds May 20 to Jul 31
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/2084

Golden Eagle Aquila chrysaetos — Breeds Jan 1 to Aug 31
This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1680

Lawrence's Goldfinch Carduelis lawrencei — Breeds Mar 20 to Sep 20
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9464

Nuttall's Woodpecker Picoides nuttallii — Breeds Apr 1 to Jul 20
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9410

Oak Titmouse Baeolophus inornatus — Breeds Mar 15 to Jul 15
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9656

Olive-sided Flycatcher Contopus cooperi — Breeds May 20 to Aug 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3914

Tricolored Blackbird Agelaius tricolor — Breeds Mar 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3910

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Western Grebe aechmophorus occidentalis — Breeds Jun 1 to Aug 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/6743

Wrentit Chamaea fasciata — Breeds Mar 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Yellow-billed Magpie Pica nuttalli — Breeds Apr 1 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9726

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

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3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

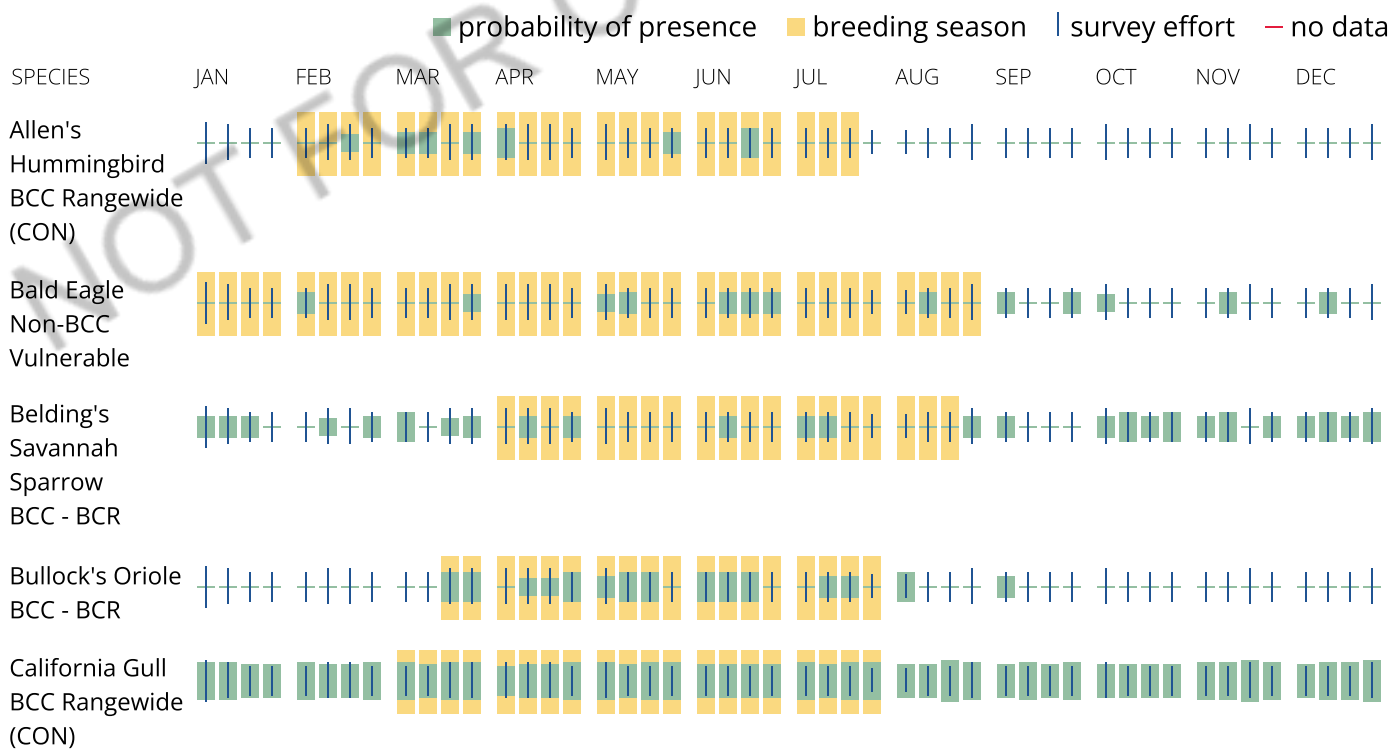
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



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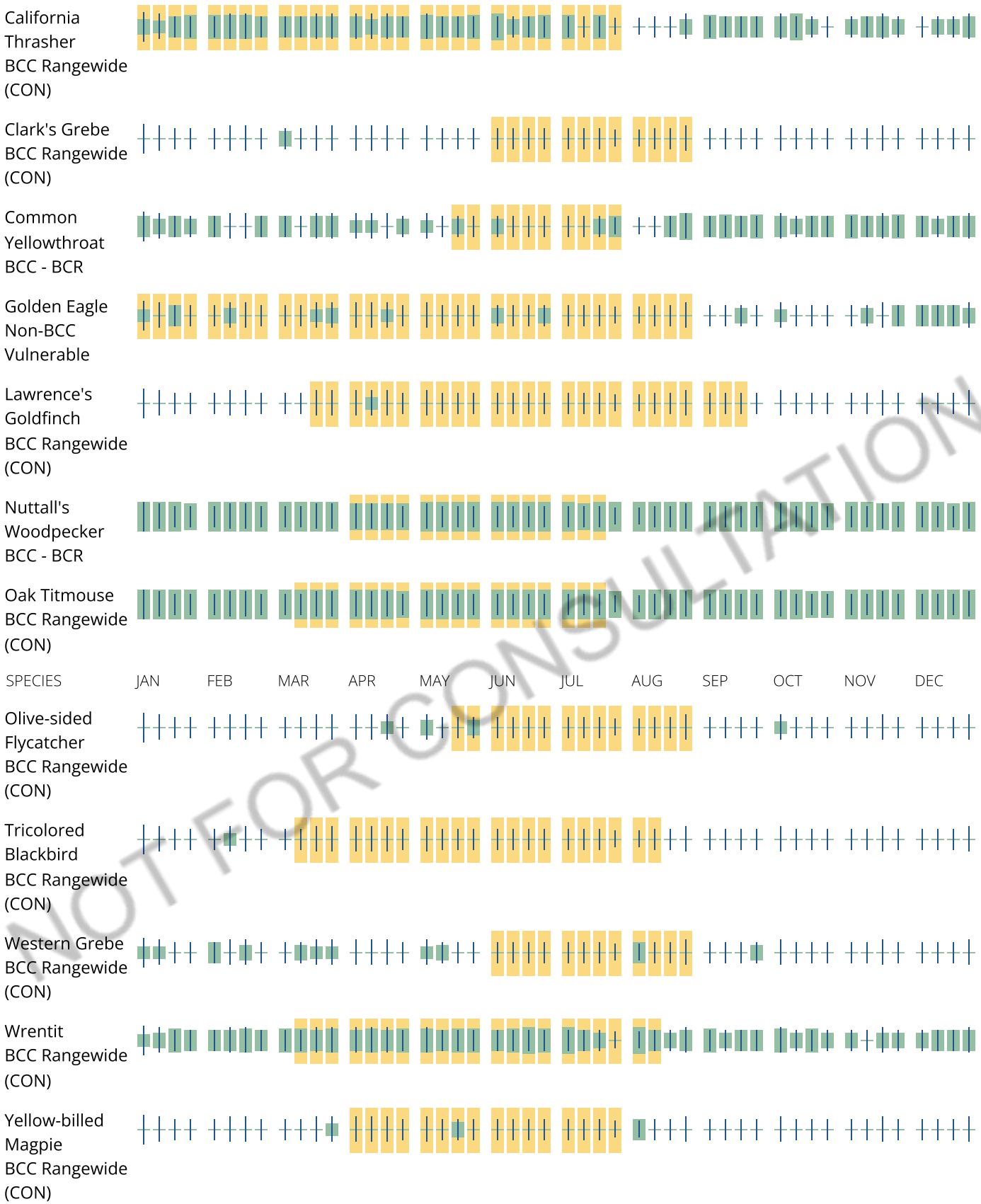

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Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);

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2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

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This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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Appendix D

Historic Resources Evaluation Report

ESA

FINAL

KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER PROJECT

Historic Resources Evaluation Report

Prepared for
Kaiser Foundation Hospitals

July 2023

ESA

FINAL

KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER PROJECT

Historic Resources Evaluation Report

Prepared for
Kaiser Foundation Hospitals

July 2023

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Atlanta	**Palm Beach County**	**San Diego**
Bend	**Pasadena**	**San Francisco**
Irvine	**Pensacola**	**San Jose**
Los Angeles	**Petaluma**	**Sarasota**
Mobile	**Portland**	**Seattle**
Oakland	**Rancho Cucamonga**	**Tampa**
Orlando	**Sacramento**	**Thousand Oaks**

D202201090

SUMMARY OF FINDINGS

Environmental Science Associates (ESA) has prepared this Historic Resources Evaluation Report for the Kaiser Permanente San José Medical Center Project (project). Kaiser Foundation Hospitals (Kaiser Permanente or Kaiser), the project applicant, proposes to demolish the existing approximately 250,000-square-foot (sf) hospital and construct a new 685,000-sf hospital (including basement), a new central utility plant (energy center), and a parking structure at their San José Medical Center campus (SJMC campus or campus). Projected future campus improvements would include demolition of two one-story medical offices (both approximately 10,100 sf), construction of a 250,000-sf outpatient facility, and a parking garage.

The SJMC campus is located on an approximately 40-acre site and bounded by Highway 85 and the Valley Transit Authority (VTA) Cottle Light Rail Station and parking lot to the north; Cottle Road to the west; Santa Teresa Boulevard to the south; and Liska Lane to the east. Hospital Parkway, Camino Verde, and International Boulevard provide access to and through the campus. The proposed project is subject to review under the California Environmental Quality Act (CEQA). The City of San José is serving as the Lead Agency under CEQA for the proposed project.

To determine whether historical resources are in the project site, ESA conducted a cultural resources records search, pedestrian survey, and architectural history review. ESA identified the 1974 hospital (250 Hospital Parkway) and medical office building (275 Hospital Parkway, Building 6), and a 1978 medical office building complex (280 Hospital Parkway, Buildings A-D) as age-eligible historic-era buildings within the project area. As a result of this report, ESA recommends that these resources are not eligible for listing in the National Register of Historic Places, the California Register of Historical Resources, nor the City of San José Historic Resources Inventory as a Candidate City Landmark, and as such are not considered historical resources for the purposes of CEQA.

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KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER PROJECT

Historic Resources Evaluation Report

1. Introduction

Environmental Science Associates (ESA) has prepared this Historic Resources Evaluation Report (HRER) for the Kaiser Permanente San José Medical Center Project (Project). Kaiser Foundation Hospitals (Kaiser Permanente or Kaiser), the project applicant, proposes to demolish the existing approximately 250,000-square-foot (sf) hospital and construct a new 685,000-sf hospital (including basement), a new central utility plant (energy center), and a parking structure at their San José Medical Center campus (SJMC campus or campus). Projected future campus improvements would include demolition of two one-story medical offices (both approximately 10,100 sf), construction of a 250,000-sf outpatient facility, and a parking garage.

The proposed project is subject to review under the California Environmental Quality Act (CEQA). The City of San José is serving as the Lead Agency under CEQA for the proposed project. The purpose of this report, in accordance with CEQA, is to:

- Identify cultural resources,[1] including buildings and structures, within the project site;
- Preliminarily evaluate cultural resources according to the criteria set forth by the California Register of Historical Resources (California Register); and
- Determine whether the project would have an impact on California Register-listed or eligible resources (i.e., historical resources as defined by CEQA).

Kathy Cleveland, MA, completed the architectural history portions of this report. Ms. Cleveland meets the Secretary of the Interior Professional Qualification Standards (SOI PQS) for Architectural History. Becky Urbano, MS, reviewed the report and meets the SOI PQS for History and Architectural History.

1.1 Project Location and Description

The SJMC campus is located on an approximately 40-acre site and bounded by Highway 85 and the Valley Transit Authority (VTA) Cottle Light Rail Station and parking lot to the north; Cottle Road to the west; Santa Teresa Boulevard to the south; and Liska Lane to the east. Hospital Parkway, Camino Verde, and International Boulevard provide access to and through the campus.

[1] Cultural resources are defined as buildings, sites, structures, or objects, each of which may have historic, architectural, archaeological, cultural, or scientific importance, according to CEQA.

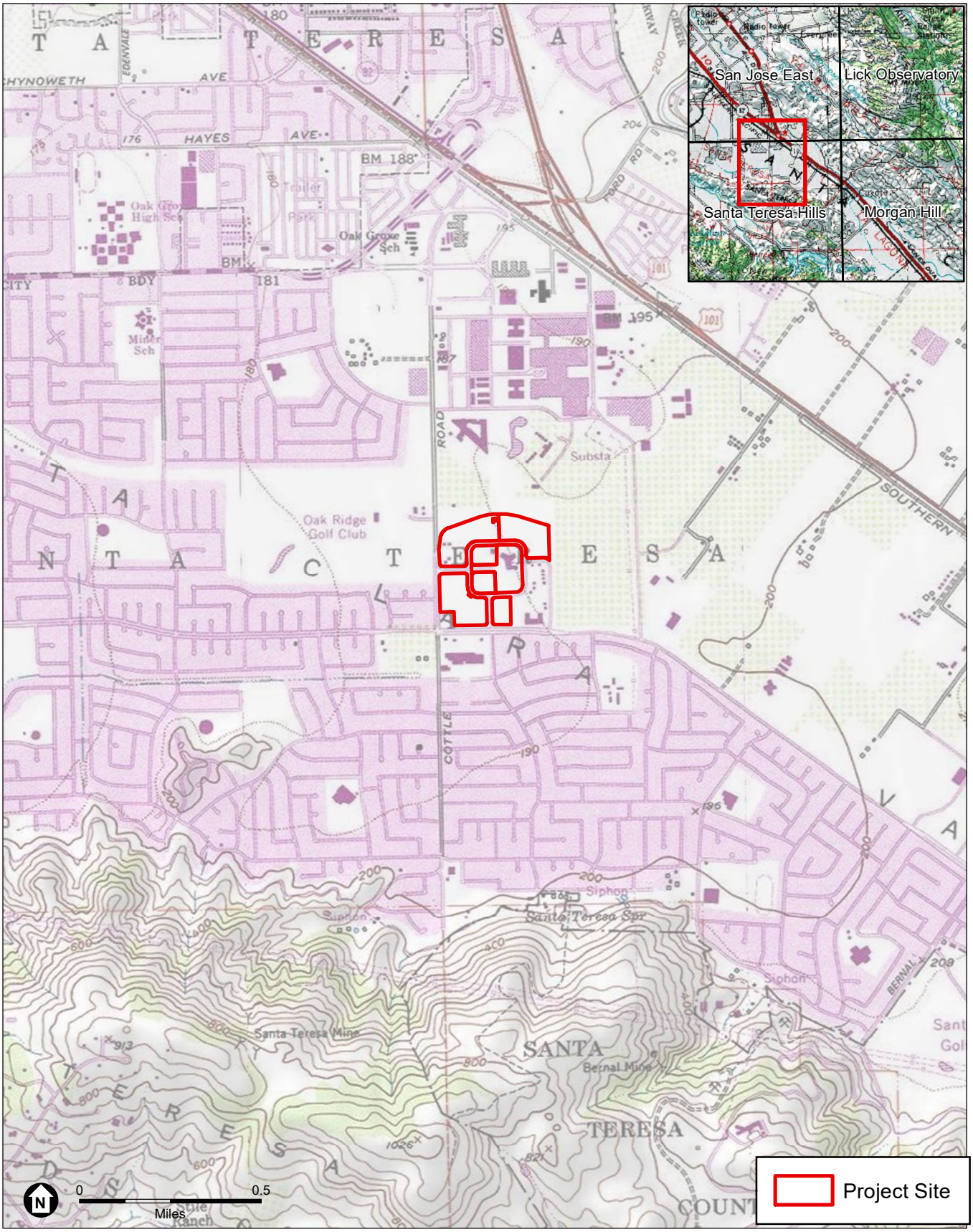
The campus is surrounded by urban uses, including a gas station at the northeast corner of Cottle Road and Santa Teresa Boulevard adjacent to the campus; commercial uses to the south; the Oakridge Palmia residential neighborhood and daycare and pre-school to the west; and the Santa Teresa Branch Library, daycare, and residential uses to the east (**Figures 1 and 2**).

The existing approximately 40-acre SJMC campus contains approximately 675,000 sf of hospital and medical office space. The campus is located at 250 Hospital Parkway and is comprised of multiple structures and APNs (APN 706-05-011; 706-05-025; 706-05-017; 706-05-037; 706-05-020; 706-05-032; and 706-05-035).[2] The majority of the campus is developed and includes the existing hospital and emergency center, medical office buildings, one administrative building, two parking structures, surface parking, and support uses. The campus provides both outpatient and inpatient clinical services. As described in the site-specific history in Section 3.3 below, prior to the construction of the hospital complex, the site was historically used as an orchard.

The core of the campus is encircled by International Circle and contains the approximately 250,000 sf, seven-story hospital and emergency center with 247 patient beds (250 Hospital Parkway), an eight-story medical office building (275 Hospital Parkway), medical office buildings A through D (280 Hospital Parkway), and associated parking lots. The campus north of Hospital Parkway and International Circle is developed with modern buildings, including a one-story outpatient surgery building (274 International Circle), four medical office buildings ranging between two to three stories (256, 270, and 277 International Circle), a five-level parking structure, a one-story administration building (258 International Circle), and a two-story facility engineering building (255 International Circle). The portion of the campus located south of Hospital Way and International Circle is currently developed with surface parking lots, portions of which are currently occupied by temporary portable buildings (284 Hospital Parkway) and tents associated with the COVID-19 center testing and vaccine distribution (at the date of this report). **Figure 3** presents the existing campus buildings.

The proposed project includes demolition of the existing 250,000 sf hospital and construction of a new 685,000 sf hospital, an energy center, and a six-level parking structure. The proposed 110-foot-tall, six-story hospital including basement level would be constructed in the southwest corner of the campus where surface parking is currently located. A 35-foot-tall, 35,000-sf energy center would house the main electrical, mechanical, and plumbing equipment to supply the new hospital and would be located to the south along Santa Teresa Boulevard. A six-level, 419,320-sf parking garage would be constructed at the northeast corner of Camino Verde Drive and Santa Teresa Boulevard, east of the new hospital, on what is currently a surface parking lot. In addition, approximately 200 surface parking spaces would be constructed on the demolished existing hospital site.

[2] Other addresses assigned to the site include 255, 256, 258, 260, 270, 274, 275, 276, and 280 Hospital Parkway and 1275 International Circle.

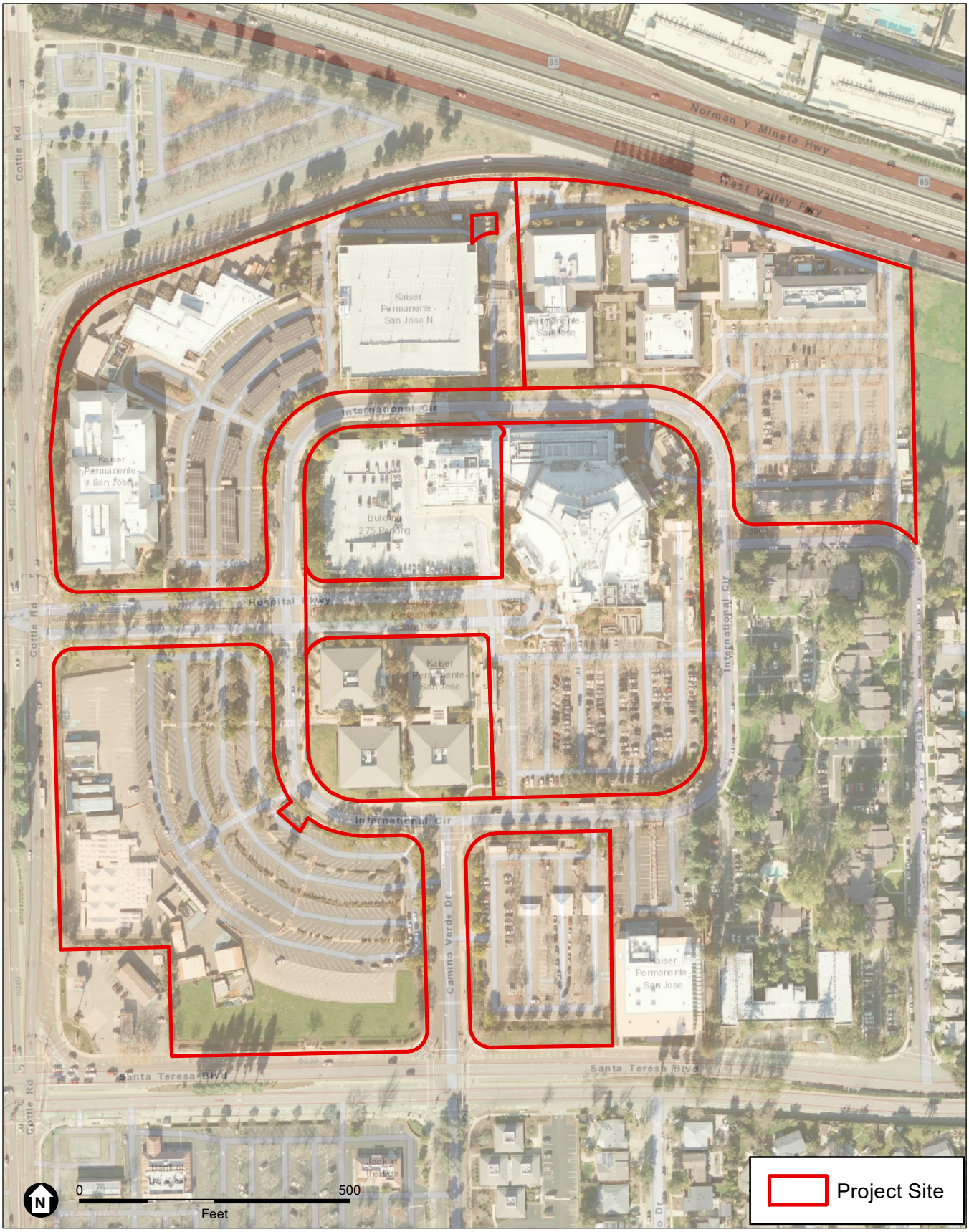


SOURCE: USGS

Kaiser Permanente San José Medical Center

Figure 1
Location Map

ESA

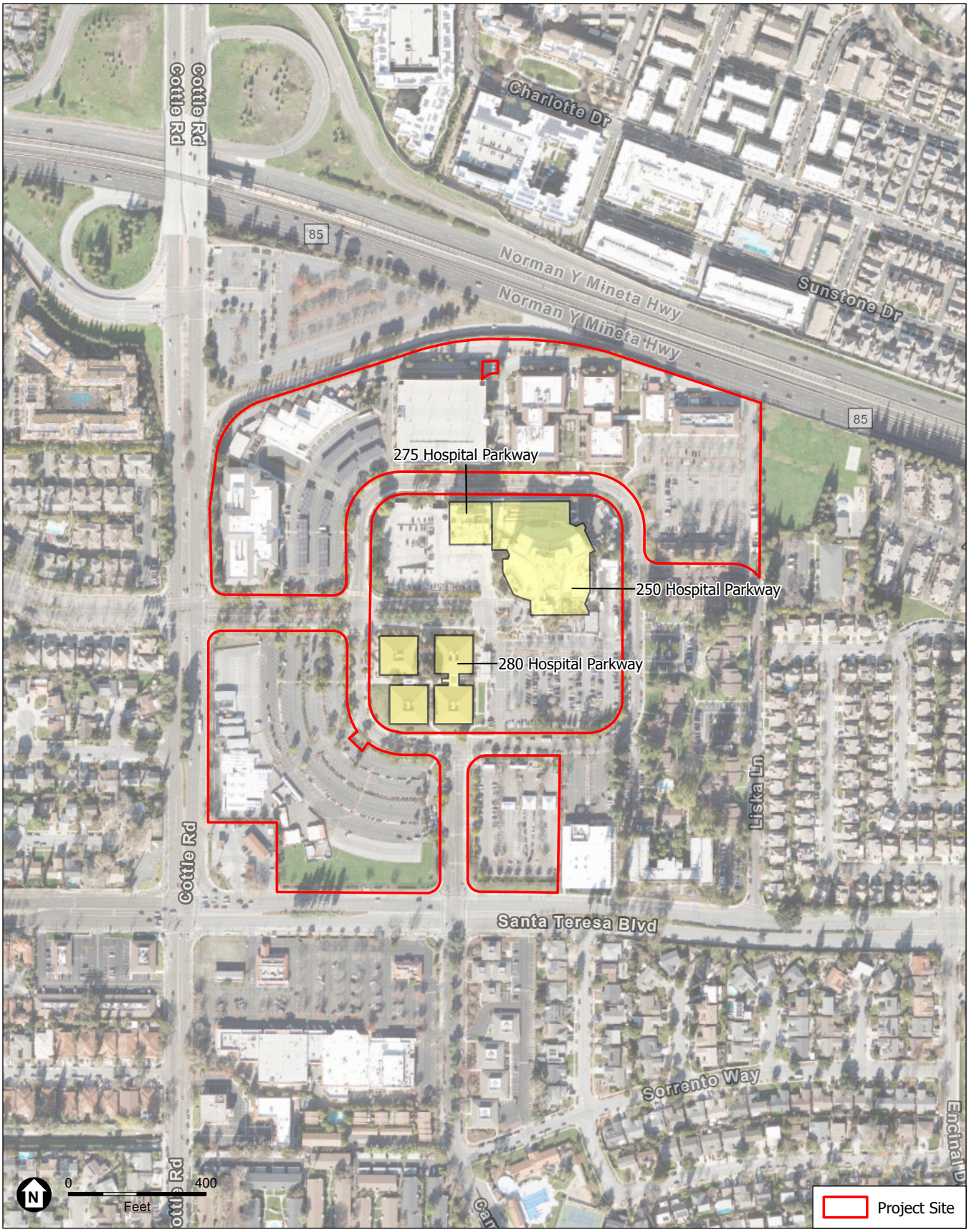


SOURCE: USGS

Kaiser Permanente San José Medical Center

Figure 2
Project Area

ESA



SOURCE: Santa Clara County, 2021; ESA, 2023

Kaiser Permanente San José Medical Center

Figure 3
Age-eligible Resources

ESA

Kaiser Permanente anticipates future campus improvements beyond 2030, which would include the following components:

- Demolition of two one-story medical office buildings totaling 20,200 sf. (280 Hospital Parkway, for the construction of approximately 116 surface parking spaces);
- Demolition of the existing surface parking lot at the northeast corner of the site between the administration building (258 International Circle) and the facility engineering building (255 International Circle), and construction of a six-story parking garage with approximately 930 parking spaces; and
- Construction of a four- to six-story, approximately 250,000-sf medical office building at the southeast corner of the central portion of the campus on the existing surface parking lot.

The sizing, timing, and exact locations of these future improvements will be determined at a future date. These project components are analyzed in the environmental impact report (EIR) for the project based on the available information. When precise details of this later phase are known, further CEQA analysis will be conducted as warranted.

2. Regulatory Context

2.1 California Regulations

The City's decisions on the project are subject to review under CEQA. This report does not identify or evaluate tribal cultural resources (TCRs) as defined under Assembly Bill (AB) 52. If tribal cultural resources are identified during consultation, this information may be documented in the tribal cultural resources section of the CEQA document, with the approval of the consulting tribe(s) providing the tribal cultural resources information.

California Environmental Quality Act

CEQA is the principal statute governing environmental review of projects occurring in the state. CEQA requires lead agencies to determine, in part, whether a project would have a significant effect on historical resources.

The state implements the provisions of CEQA through its statewide comprehensive cultural resources surveys and preservation programs. Typically, a resource must be more than 50 years old to be considered as a potential historical resource. The State Office of Historic Preservation (OHP) advises recordation of any resource 45 years or older, since there is commonly a five-year lag between resource identification and the date that planning decisions are made.

Historical Resources

The CEQA Guidelines recognize that a *historical resource* includes: (1) a resource in the California Register of Historical Resources (California Register); (2) a resource included in a local register of historical resources, as defined in Public Resources Code Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of Public Resources Code Section 5024.1(g); and (3) any object, building, structure, site, area, place, record, or manuscript

which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California by the lead agency, provided the lead agency's determination is supported by substantial evidence in light of the whole record.

California Register of Historical Resources

The California Register is "an authoritative guide in California to be used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties qualify to be protected, to the extent prudent and feasible, from substantial adverse change" (Public Resources Code Section 5024.1[a]). The criteria for eligibility for the California Register are based upon the criteria for listing in the National Register of Historic Places (National Register) (Public Resources Code Section 5024.1[b]), as defined above. Certain resources are determined by the statute to be automatically included in the California Register, including California properties formally determined eligible for, or listed in, the National Register.

To be eligible for the California Register, a cultural resource must be significant at the local, State, and/or federal level under one or more of the following four criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

A resource eligible for the California Register must be of sufficient age and retain enough of its historic character or appearance (integrity) to convey the reason for its significance. Additionally, the California Register consists of resources that are listed automatically and those that must be nominated through an application and public hearing process. The California Register automatically includes the following:

- California properties listed on the National Register and those formally determined eligible for the National Register;
- California Registered Historical Landmarks from No. 770 onward; and
- Those California Points of Historical Interest that have been evaluated by the OHP and have been recommended to the State Historical Commission for inclusion on the California Register.

Other resources that may be nominated to the California Register include:

- Historical resources with a significance rating of Category 3 through 5 (those properties identified as eligible for listing in the National Register, the California Register, and/or a local jurisdiction register);
- Individual historic resources;

- Historic resources contributing to historic districts; and
- Historic resources designated or listed as local landmarks, or designated under any local ordinance, such as an historic preservation overlay zone; and
- Tribal Cultural Resources.

2.2 Local Regulation

Historic Preservation Ordinance

The City of San José Historic Preservation Ordinance (Municipal Code Chapter 13.48) is designed to identify, protect, and encourage the preservation of significant resources as a means to stabilize neighborhoods, enhance property values, carry out the goals of the General Plan, foster civic pride in the city's cultural resources, and celebrate the unique historical identity of San José. The Historic Preservation Ordinance requires the City to do all the following:

- Establish a Historic Landmarks Commission and retain a City historic preservation officer
- Maintain a Historic Resources Inventory
- Preserve historic properties using a landmark designation process
- Protect the community character of historic neighborhoods by regulating Conservation Areas
- Require a Historic Preservation (HP) permit for alterations of any designated City Landmark (excluding candidate landmarks) or property within a City historic district
- Provide financial incentives through a Mills Act Historical Property Contract

Specifically, Municipal Code Section 13.48.210 requires HP permits for the following work performed on a proposed or designated City landmark or in a City historic district:

> *[C]onstruction, reconstruction, alteration, basic color change, repair, rehabilitation, restoration, remodeling, or any other changes to the exterior of any structure or any other similar activity … [including] installation of new or additional pavement or sidewalks or the erection of new or additional structures. Work [subject to the HP permit process] shall also include installation of new or additional pavement or sidewalks or the erection of new or additional structures. Work shall also include demolition, removal, or relocation of any structure or portion thereof.*

In accordance with Municipal Code Chapter 13.48, Part 3, additional reviews, assessments, and submission materials may be required during the HP permit process. This may include development of, and required adherence to, project design standards and guidelines by City staff in consultation with the San José Historic Landmarks Commission and as approved by the City Council.

City Landmarks, candidate City Landmarks, Landmark Historic Districts, and candidate Landmark Historic Districts

As presented in Municipal Code Section 13.48.020(A-C), designated or candidate City Landmarks[3] and City Landmark Historic Districts[4] (and their contributors) are highly significant historic resources. They are designated by the City Council through a formal process as defined in the Historic Preservation Ordinance. These resources are considered historic resources under CEQA.

A designated City Landmark must conform to the General Plan and have special historical, architectural, cultural, aesthetic, or engineering value of a historic nature. In making a recommendation to the City Council on an application for a proposed City Landmark, the Historic Landmarks Commission may consider eight criteria and other relevant factors as outlined in Municipal Code Section 13.48.110(H) such as:

> *[I]ts character, interest or value as part of the local, regional, state or national history, heritage or culture; its location as a site of a significant historic event; its identification with a person or persons who significantly contributed to the local, regional, state or national culture and history; its exemplification of the cultural, economic, social or historic heritage of the City of San José; its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style; its embodiment of distinguishing characteristics of an architectural type or specimen; its identification as the work of an architect or master builder whose individual work has influenced the development of the City of San José; and its embodiment of elements of architectural or engineering design, detail, materials or craftsmanship which represents a significant architectural innovation or which is unique.*

Historic Resources Inventory

The City of San José Historic Resources Inventory (HRI) includes known and potential historic resources of varying significance, including individual properties and districts listed in or eligible for listing in the California and National Registers, City Landmarks, Candidate City Landmarks, City Landmark Districts (and their contributing sites/structures), and Candidate City Landmark Districts (and their contributing sites/structures). In addition, the HRI includes Structures of Merit, Identified Sites/Structures, and Conservation Areas (and their contributing sites/structures). HRI properties are classified into one of 16 categories, depending on how they were evaluated at the time they were added. The HRI serves as a resource for conducting environmental and project review related to demolition permits, as well as for land use and development approvals. It is not a definitive list of all historic resources in the City of San José, and it is continually updated as new information, project-related evaluations, and neighborhood surveys are completed. The purpose of the HRI is to promote awareness of community resources and to further preservation of historic resources and community character.

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3 The term "landmark" shall mean any of the following which have a special historical, architectural, cultural, aesthetic or engineering interest or value of an historical nature: 1.An individual structure or portion thereof; 2.An integrated group of structures on a single lot; 3.A site, or portion thereof; or 4.Any combination thereof.

4 "Historic district" shall mean a geographically definable area of urban or rural character, possessing a significant concentration or continuity of site, building, structures or objects unified by past events or aesthetically by plan or physical development.

3. Historical Background

3.1 Santa Clara Valley

Spanish explorers in the late 1760s and 1770s were the first Europeans to traverse the Santa Clara Valley. José Francisco Ortega, a soldier in the exploring party of Gaspar de Portola and Juan Crespi, made the first recorded crossing of the Guadalupe River in the vicinity of present-day Alviso during November 1769, but no clear record remains of his exact route or his impressions of the area.[5] Juan Bautista de Anza and Pedro Font led the next expedition through the area in early 1776, leaving a substantial record of their travels. The explorers commented on the level land and good pasturage, concluding that the area would be an excellent site for settlement. Anza recorded three native villages in the vicinity of his campsite, each reportedly composed of approximately 70 people. Anza noted some "paths and trails" heading to the south and concluded that the same tribe of Indians dwelled throughout the entire valley.[6]

After an initial period of exploration, the Spanish focused on the founding of presidios, missions, and secular towns with the land held by Spain. Following the favorable reports by Anza and Font, the Spanish moved to occupy the lands in the Santa Clara Valley, founding both Pueblo de San José and Mission Santa Clara de Asis in 1777. The Pueblo of San José de Guadalupe was California's first civilian settlement, and one of three towns founded to administer and coordinate the missions and presidios of Alta California.[7] By the late 18th century, the Embarcadero de Santa Clara, at the mouth of the Guadalupe River into the San Francisco Bay, had developed as a trading port and separate community. Mission Santa Clara provided for the religious needs of the Pueblo, and, as one of seven missions located within Ohlone territory, would have been the mission with the greatest impact on the indigenous population living in the Santa Clara Valley.

After the independence of Mexico and the secularization of the missions in the 1830s, the mission's property was divided into ranchos and distributed to private citizens. The hospital is located within land grant Rancho Posolmi, also known as Rancho Yñigo, and was granted to Lupe Yñigo in 1884.[8] Yñigo was a Ohlone man who worked as an alcalde at Mission Santa Clara until it was secularized.[9] The Ohlone and other Native Californians gradually left the now-secular missions, with many going to work as wage laborers on the ranchos, in mines, and in domestic positions. There was a partial return to indigenous religious practices and subsistence strategies, but for the most part, the Ohlone culture was greatly diminished.[10] Today, descendants of the

5 Beck, Warren A. and Ynez D. Hasse, Historical Atlas of California. Norman, Oklahoma: University of Oklahoma Press, 1974, 16-17.

6 Bolton, H.E., Anza's California Expeditions, Berkeley: University of California Press, Volume I: An Outpost of Empire; Volume II: Opening a Land Route to California; Volume IV: Font's Complete Diary of the Second Anza Expedition, 1930.

7 Hendry, George, and Jacob Bowman, The Spanish and Mexican Adobe and Other Buildings in the Nine San Francisco Counties, 1776 to about 1850; on file, California Historical Resources Information System, Northwest Information Center, Rohnert Park, 1940, 750.

8 Ayers, James J., Report of the Surveyor-General of the State of California from August 1, 1884, to August 1, 1996. Available at: http://www.slc.ca.gov/wp-content/uploads/2018/08/Willey_1884_1886.pdf, 1886.

9 Shew, William J., Portrait of Lupe Yñigo, Santa Clara University Archives and Special Collections. Available at: http://content.scu.edu/cdm/ref/collection/college/id/99, 1903.

10 Levy, Richard, "Costanoan", In California, edited by Robert F. Heizer, pp. 485-495, Handbook of North American Indians, Vol. 8, William C. Sturtevant, general editor, Smithsonian Institution, Washington, D.C., 1978.

Ohlone still live in the area and many are active in restoring their traditions and advocating for Native American issues.

After California became part of the United States in 1848, San José was initially (and temporarily) named the state's capital. In the 1850s, the Gold Rush led to major changes in San José, which then became a supply town for the prospectors who flooded the area. The population of the Santa Clara Valley expanded as a result of the Gold Rush, followed later by the construction of the railroad to San Francisco (1864) and the completion of the transcontinental railroad in 1869.[11]

San José in the 20th Century

In 1992, the City of San José prepared a *Historical Overview and Context for the City of San Jose,* spanning the history of San José from 1777 through 1991.[12] This document provides a historical context for the region to support the evaluation of significance of historic properties within the region. Additionally, the City of San José prepared a context statement regarding its modern 20th century history, *San José Modernism Historic Context Statement*, to establish the chronology of development in San José between the years of 1935 and 1975. The following history is summarized from these documents, focusing on the 20th century development that led to the establishment of Kaiser SJMC.

Between 1870 and 1930, Santa Clara Valley and the City of San José experienced an expansion of the fruit industry as a major economic driver. Fruit trees had been introduced to the area as early as the 1850s, and by the 1860s orchards were being established in East San Jose, Milpitas, and the north valley.[13] Orchard production continued to grow and dominate agricultural production through the 1920s. A regional canning industry developed out of the dominance of orchards, along with other support industries such as box, basket, and can factories. Commercial growth in San José boomed during the 1880s and continued through the end of the century.[14]

Most of the undeveloped land within the city limits was subdivided and filled with homes during the 1880s, with new suburban tracts expanding out through the end of the 19th and beginning of the 20th centuries. The City's first annexations were the Gardiner District and East San José in 1911. During the interwar period, population growth continued to expand out from the urban core, replacing orchards with residential development. World War II had a significant effect on the economy of San José, with the large naval air station at Moffett Field being a center of activity with thousands of military personnel relocating to the region.[15]

Following World War II into 1950, fruit processing remained the main economic driver For San José. Following the war, hundreds of thousands of servicemen and defense workers chose to permanently reside in Santa Clara Valley, resulting in a construction boom to supply the houses and infrastructure needed to support the new population growth. Dutch Hamann was elected City Manager in spring 1950 and became the most active City Manager in San José history, overseeing

11 Ayers, 1886.
12 Archives and Architecture, 1992, Historical Overview and Context for the City of San Jose, March 1992.
13 Archives and Architecture, 1992, 8.
14 Ibid.
15 Ibid.

an unprecedented era of citywide expansion and land acquisition.[16] At the time of his retirement in December 1969, the City had grown from 17 to 137 square miles, with a population that had grown from 92,000 to 450,000.[17] Hamann strongly promoted the outward expansion of residential and commercial development from downtown, including associated infrastructure including roadways, utilities, schools, police and fire stations, and hospitals.[18]

3.2 Regional Hospitals

During the early 1850s, the City of San José was subject to various epidemics, including cholera, smallpox, diphtheria, and typhoid fever, among other diseases. While the California Legislature had mandated as early as 1850 that counties should "perform all other acts necessary to county welfare," and several doctors resided in Santa Clara County, no hospital existed in the county until 1860. That year City supervisors purchased twelve acres from Hiram Cahill near the western city limits, converting existing buildings for use as the first county hospital. In 1876 the County replaced the Cahill facility with a new County Hospital facility on a 114-acre site, in the location that would become the site of the Valley Medical Center on South Bascom Avenue.[19]

Santa Clara County Hospital's brick buildings were severely damaged by the 1906 earthquake. The County built a new hospital building on the site of the original building (South Bascom Avenue) in 1907, an E-shaped wood-frame building with neoclassical portico and pillars that served the community until its demolition in 1968. A seven-story addition was completed in 1960, and the remaining 1906 building was replaced in 1970 by a large rehabilitation wing. At the end of 1966, the supervisors changed the name of the institution from the County Hospital to the Santa Clara Valley Medical Center.[20]

San José Hospital (675 E. Santa Clara St., San José) opened in 1923. It was designed to "accommodate the emerging middle class living the central San José that were excluded from city, county, and state-run hospitals that served the poor and the private hospitals that catered to the more affluent."[21] The facility closed in 2004.

Following the end of World War II and the subsequent population boom experienced by the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and most were constructed within the San José city limits.[22]

16 PAST Consultants, LLC, 2009, San José Modernism Historic Context Statement, June 2009, 26.
17 Ibid.
18 PAST Consultants, LLC, 2009, 28.
19 Archives and Architecture, County of Santa Clara Historic Context Statement, prepared for County of Santa Clara Planning and Development Planning Office, December 2004 (revised February 2012).
20 Archives and Architecture, 2012.
21 Ibid.
22 Ibid.

3.3 Kaiser San José Medical Center

The Kaiser SJMC, originally known as the Santa Teresa Community Medical Center, was constructed in 1974 (January 1974 completion date; **Photo 1**). Prior to that time the site was used for agricultural purposes. The Santa Teresa Ranch consisted of 10,000 acres and was deeded to Joaquin Bernal by Carlos III of Spain in 1769. Bernal had been sent to Mexico and later California as a mining engineer and assayer, and for his services he was provided a land grant. In 1834, Bernal (at 94 years old) petitioned the Mexican government to have his lands confirmed.[23]

SOURCE: San José News, November 20, 1973 Kaiser Permanente San José Medical Center Project

Photo 1
Santa Teresa Community Hospital,
Main Hospital and Building 6, 1973

Historic maps and aerial imagery provide an overview of the historical development of the project site. The earliest (1876) historic map of the area shows the project site as part of a 451.22-acre-parcel owned by Francisco Bernal.[24] Francisco Bernal was the grandson of Jose Joaquin Bernal, the original recipient of the 9,647-acre Santa Teresa land grant. The earliest U.S. Geological Survey topographic map from 1916 shows a building at that same location, with a dirt road leading from Cottle Road. The alignment of Santa Teresa Boulevard is also depicted on the 1916 map.

The earliest aerial image of the project site from 1948 shows it was primarily orchard land with a large farm complex in the southeast. The building and dirt roads on earlier images and maps are no longer depicted. The orchard and farm complex are also on the 1953, 1956, 1960 and 1968 aerial images.

The 1980 aerial image shows that the orchards had been cleared and the hospital complex was under development. A gas station is shown at the corner of Cottle Road and Santa Teresa

[23] *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

[24] Thompson & West, 1876, Map of Santa Clara County, California, Thompson & West, San Francisco.

Boulevard. Additional development is shown on the aerial images through the 1980s and early 1990s. By 2002, the entire SJMC had been constructed in its current configuration.

American Medical International (AMI), Inc., the developer and primary investor in the hospital, began in 1956 as a central medical laboratory in Los Angeles, and by 1966 had transitioned to investor-ownership in the hospital field. By 1974, AMI owned and operated 45 facilities (with 43 in the United States and two in Europe), with Santa Teresa Community Hospital representing the 46th hospital.[25]

As described above, early hospital development was primarily government led, with private citizens hiring private doctors and the poorer citizens relying on government provided care. World War II transformed health care nationwide, with both the Veterans Administration hospital managing a range of care for servicemembers and veterans and the exponential growth of private healthcare during and after the war. During the wage freeze of the war years, U.S. companies began offering private health insurance as a benefit, which provided coverage to millions of people and reshaped the face of health care.[26] Additionally, the introduction of Medicare and Medicaid in 1965 provided money for the care of the aged and the poor, respectively. The newly available funding allowed for expansion of both government and private hospitals to provide treatment for a significantly larger population than earlier generations.[27]AMI hired Ruth and Going, an engineering, planning, and architecture firm in San José, to design the hospital complex. The main building plans were signed off by William H. Bender, a structural engineer for Ruth and Going, with F. Hazen "Skip" MacLaren acting as principal architect for the project.[28] F.A. Rossi Construction Company of Los Angeles began construction of the project in 1971, with the majority of the work completed by E.A. Hathaway Construction Company of San José at a cost $9 million of the $30 million total for the medical complex.[29]

Both the Main Hospital and Building 6 were completed by January 1974, with plans for future growth including emergency facilities, medical and commercial offices, employee housing, as well as a motel, drug store, bank, and other commercial stores.[30] The Y-shape of the tower was designed to provide efficient patient care, replacing the older, long, single corridor model with multiple shorter corridors extending out from the central core. The central core housed nursing stations, supply areas, and reception, allowing for more efficient care.[31]

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25 Ibid.

26 Justin Barr, M.D., Ph.D., and Scott H. Podolsky, M.D., 2020. A National Medical Response to Crisis – the Legacy of World War II. New England Journal of Medicine. Available online https://www.nejm.org/doi/full/10.1056/NEJMp2008512#:~:text=World%20War%20II%20also%20fundamentally,now%20Veterans%20Affairs)%20hospital%20system.

27 "History of Hospitals." University of Pennsylvania. https://www.nursing.upenn.edu/nhhc/nurses-institutions-caring/history-of-hospitals/

28 Ruth & Going, Santa Teresa Community Hospital – As Built Drawings; "Groundbreaking set today for Santa Teresa Hospital," San José Mercury News, June 23, 1971, 17.

29 Ben Hawkins, Business Happenings, San José Mercury News; June 15, 1975, 91; Robert E. Mayfield, Engineers Save Ancient Tree, Engineers News; July 1971, 6. Available at: https://www.oe3.org/wp-content/uploads/2017/04/7-1971-july-engineers-news.pdf; *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

30 "New Hospital to be started next week," San José Mercury News; May 31, 1971, 29; "Hospital Target January '74," San José Mercury News; January 28, 1973.

31 *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital for an undisclosed amount. This was Kaiser's second hospital in Santa Clara County, following the construction of the Kaiser Santa Clara Hospital on Kaiser Drive off Kiely Boulevard in 1964.[32] The purchase of the Santa Teresa Hospital was described as including the eight-story [sic] hospital (Main Hospital), eight story medical office (Building 6),[33] a two-story parking structure, and 61-acre site.[34] By 1979, the four medical office Buildings A-D at 280 International Circle had been constructed, and a review of aerial photographs from 1980 shows full development within International Circle (**Photo 2**).[35]

SOURCE: Western Aerial Photos, 1980 Kaiser Permanente San José Medical Center Project

Photo 2
Santa Teresa Community Hospital, aerial photograph, 1980

[32] "Kaiser Permanente Santa Clara marks 50 years of "Thrive-ing,"" July 8, 2014, Available at: https://patch.com/california/losgatos/kaiser-permanente-santa-clara-marks-50-years-of-thriveing_97f3f4fe

[33] Note that the article incorrectly states that the building heights were eight-stories rather than seven.

[34] "Kaiser Foundation Buys Santa Teresa Hospital," San José Mercury News; October 2, 1976, 16.

[35] City of San José, Draft Environmental Impact Report – Kaiser Santa Teresa Medical Center, June 1994; Western Aerial Photos, 1980.

Over the following twenty years, the area surrounding International Circle developed similarly to the original proposed campus design, with parking lots and structures, as well as medical and commercial offices. In 1979 and 1984, the zoning was changed to allow for greater building density and flexibility for Kaiser's eventual campus build out.[36] Review of historic aerials show development extending counterclockwise from the southeast around International Circle, with medical offices and surface parking slowly filling in the campus by 1998.

In 2003, the Main Hospital building was expanded north and west to include a 17,700-sf emergency room extending westward to Building 6 (275 Hospital Parkway). The one-story expansion consisted of a one-story steel brace framed building with a rectangular footprint, measuring 218 by 60 feet along the northern side of the building, with a triangular addition extending 40 feet on the western side of the building connecting to Building 6.[37]

Ruth & Going

Leo W. Ruth, Jr. was a civil and mechanical engineer who co-founded Ruth & Going engineering firm with Edward Jackson Going, Jr. in 1960. Born in Santa Clara in 1917 (d. 2003), Ruth attended Santa Clara University and earned his civil and mechanical engineering degree in 1938. After being drafted into World War II in 1940, Ruth returned to San José where he was employed as an office engineer for the San José Department of Public Works as well as the firm James Waters & Associates (JWA). He worked at JWA for a decade before becoming a partner in the renamed Waters, Ruth and Going in 1956.[38] Going was born in 1928 in Houston, Texas (d. 2020) before moving to Santa Clara County in 1944 and attending Santa Clara University in 1949.[39] He joined the JWA firm directly after graduating, became partner in 1952, and formed Waters, Ruth and Going in 1956; and then four years later in 1960 established Ruth & Going when James Waters retired. Ruth and Going retired from the firm in 1983 and 1984, respectively.[40] Projects attributed to Ruth & Going include the Santa Teresa General Hospital, the 8,000 seat University of Santa Clara Buck Shaw Stadium, and the Villages Adult Residential Complex in San José.[41]

In 1990, Ruth was part of the inaugural class of the Silicon Valley Engineering Council (SVEC) Hall of Fame. Established in 1989, the SVEC is a "cooperative educational association of local engineering and technical societies" formed to promote engineering throughout the valley and Greater Bay Area. Ruth was nominated in recognition of his professional and personal merit as a member of numerous local organizations.[42] In 1993, the Santa Clara University School of

36 City of San José, 1994.

37 Geomatrix, Engineering Geological and Geotechnic Report Emergency Room Expansion Kaiser Santa Teresa Medical Center, prepared for Kaiser Foundation Health Plan, Inc., May 2001.

38 Journal of the Senate, Legislature of the State of California, 1959, Advisory Committee: Leo W Ruth Jr. Available at: https://www.google.com/books/edition/Journal_of_the_Senate_Legislature_of_the/W5ff--0pzCwC?hl=en&gbpv=0.

39 E. Jackson Going, Jr. Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

40 Engineers Joint Council, 1995, Who's who in Engineering, American Association of Engineering Societies, Engineers Joint Council; University of Michigan. Available at: https://www.google.com/books/edition/Who_s_who_in_Engineering/t4RUAAAAMAAJ?hl=en&gbpv=0

41 Santa Clara to Construct New Stadium, The Californian, April 27, 1962, 14; SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

42 SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

Engineering bestowed its highest honor on Going by presenting him with the Distinguished Engineering Alumni Award in recognition of his accomplishments, both in his profession, his community, and in service to the University.[43]

Archival review uncovered little information outside some biographical and professional information about William Bender. Per newspaper review, he was employed by Ruth & Going as early as 1962 and became a senior vice president of structural engineering at Ruth & Going in 1981.[44] MacLaren was born in New Jersey in 1935, attended Stanford University from 1954 to 1958 before joining the U.S. Navy from 1959 to 1963. From 1969 through 1973 he worked as an architect at Ruth & Going before relocating to Mendocino to start a new career in retail.[45]

E.A. Hathaway Construction Company

E.A. Hathaway Construction is one of the oldest commercial construction firms in Northern California. The company was founded by Ernest A. Hathaway, who moved to Santa Clara County from Oregon in 1923 to establish a construction company. In Oregon, Hathaway had been building docks, railroad facilities, and other industrial structures. During the slow period of the Great Depression, Hathaway worked out of his home, remodeling older structures in downtown San José and building small commercial buildings in Santa Clara Valley.[46] After his son Ron returned home from World War II, Ron joined the family business and eventually took over as president in 1954, two years prior to Ernest's death in 1956.[47] Among the buildings attributed to E.A. Hathaway Construction Company are the Santa Teresa Community Hospital, downtown San José's Wells Fargo Bank and PG&E buildings, the 1.8 million-square-foot Safeway distribution center in San José, and NASA's Ames Flight Center in Mountain View.[48]

3.4 Corporate Architecture Context (1949-1975)

Corporate Architecture, also referred to as Corporate International style or Corporate Modernism, is a derivative of postwar Modernism that primarily applied to large-scale commercial office buildings and government facilities. It was the dominant mode of corporate architecture between the 1950s and 1970s and reflected the postwar economic growth and the increasing importance of American corporations, showcasing how these entities "sought to position themselves as agents of modernity,

43 E Jackson Going Jr Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

44 "Builders at Work," San José Mercury News, November 21, 1962, 11; "People," San José Mercury News, September 4, 1981, 111.

45 "Frank Hazen "Skip" MacLaren Obituary," 2017. Available at: https://stanfordmag.org/contents/obituaries-july-2017.

46 "After a century of good work, Hathaway Dinwiddie keeps that family feeling going," The Northern California Carpenter. Available at: https://docplayer.net/58435393-Carpenter-sisters-support-habitat-in-stockton-hathaway-dinwiddie-it-s-still-a-family-operation-time-to-build-your-401-k-northern-california.html.

47 Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

48 "Dinwiddie Construction Changes Hands," Kenneth Howe, October 9, 1996. Available at: https://www.sfchronicle.com/business/article/Dinwiddie-Construction-Changes-Hands-2963493.php; Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

technology, and progress."[49] The "suburbanization of corporate headquarters" began in the mid-20th century when large corporations such as IBM moved out of the city centers and closer to the senior executives.[50] Typical elements included low-rise buildings surrounded by parking lots and landscaping, with larger complexes often having a parklike setting with large scale public art or, in the case of John Deere, large-scale products on display.[51] The corporate campus or estate model were generally large complexes of buildings within a landscaped, park-like setting, where "the site planning, automobile approaches, visitor entrances, employee parking lots, and service docks all exemplified the functionalism of mid-20th century Modernism."[52] The office park, while including many of the same elements as the corporate campus or estate, was more modest in scale notably with regards to their setting. Office parks still provided the necessary building facilities with ample parking and some amount of landscaping, but not to the scale of a park-like setting. As described by one historian, "created by speculative real estate developers in the 1950s, the office park provided a lower cost, flexible alternative to the corporate campus and estate." [53]

Character-defining features of Corporate Architecture include:[54]

- Large rectangular massing
- Flat or low-pitched roofs
- Steel or concrete structure as primary expression of the building
- Horizontal bands of windows set within the structural module
- Alternate design of large concrete volume with little or no fenestration
- Building tower set back from the street in a landscaped plaza
- Tower frequently set atop a multi-story base framed by plain concrete or steel columns
- Overall absence of applied ornamentation, with the exception of corporate advertisement signs mounted directly to building

3.5 New Formalism Context (1960-1975)

Developed as a reaction to the perceived formulaic and rigid expression of the International Style and the "glass box" of the Corporate Architecture, New Formalism incorporated streamlined and highly stylized classical elements into modernism. New Formalist buildings are defined by their monumental scale and powerful visual presence, with large volumes, rectangular massing, symmetrical facades, and full height colonnades. Buildings were often perched above a podium or articulated base, which reinforced the sense of monumentality. Arches and columns were

49 Survey LA. Los Angeles Citywide Historic Context Statement – Context Architecture and Engineering – Sub-context: LA Modernism, 1919-1980. Available at: https://planning.lacity.org/odocument/4f67bd39-631a-4f26-9a52-cd5809a66655/LA_Modernism_1919-1980.pdf.

50 The Cultural Landscape Foundation, *Corporate Office Park*, no date. Available at: https://www.tclf.org/category/designed-landscape-types/corporate-office-park, accessed February 16, 2022.

51 Ibid.

52 Ibid.

53 Mozingo, Lousie, *Pastoral Capitalism: A History of Suburban Corporate Landscapes*, 2012. Available at: https://frameworks.ced.berkeley.edu/tag/pastoral-capitalism-a-history-of-suburban-corporate-landscapes/, accessed February 16, 2022.

54 Past Consultants, LLC. *San José Modernism: Historic Context Statement*, June 2009, 80.

incorporated in stylized ways, along with modern geometric motifs (such as honeycomb screens, shell forms, or folded plates).[55]

Character-defining features of New Formalism include:[56]

- Symmetrical plan
- Monumental in size and appearance
- Flat roofs with heavy overhanging roof slab
- Full-height columns of steel or concrete connecting the roof slab to the site
- Colonnade of stylized full-height columnar supports
- Repeating arches or rounded openings
- Cast stone or concrete block screens
- Building tower set back from the street in a landscaped plaza
- Building expressed as tower of steel
- Presence of stylized ornamentation
- Smooth wall surfaces

4. Research Methods and Results

4.1 Records Search

ESA received the results of a records search from the Northwest Information Center (NWIC) of the California Historical Resources Information System (CHRIS) on April 20, 2023 (File No. 22-1643). The purposes of the records search were to: (1) determine whether known cultural resources have been recorded within or adjacent to the project site; (2) assess the likelihood for unrecorded cultural resources to be present based on historical references and the distribution of nearby sites; and (3) develop a context for the identification and preliminary evaluation of cultural resources. The records search consisted of an examination of the following documents:

- NWIC digitized base maps (USGS *Santa Teresa Hills, California* 7.5-minute topographic map), to identify recorded archaeological sites and studies within 0.5 mile of the project site.
- NWIC digitized base maps (USGS *Santa Teresa Hills, California* 7.5-minute topographic map), to identify recorded architectural resources (building, structures, and objects) within 0.5 mile of the project site.
- Resource Inventories: *California Inventory of Historical Resources*, *California Historical Landmarks*, *Built Environment Resource Directory* (BERD; OHP 2023) (through March 2020), and *Archaeological Determinations of Eligibility* (ADOE, as of April 2012) for Santa Clara County.

[55] Survey LA. Los Angeles Citywide Historic Context Statement – Context Architecture and Engineering – Sub-context: LA Modernism, 1919-1980, 190. Available at: https://planning.lacity.org/odocument/4f67bd39-631a-4f26-9a52-cd5809a66655/LA_Modernism_1919-1980.pdf.

[56] Past Consultants, LLC, *San José Modernism: Historic Context* Statement, June 2009, 82.

Previous Studies of the Project Site

The NWIC records search results identified five previous cultural or architectural resources studies that are within the vicinity of the project site. The relevant reports to this study are identified in **Table 1**.

TABLE 1
PREVIOUS CULTURAL OR ARCHITECTURAL RESOURCES STUDIES IN THE VICINITY OF THE PROJECT SITE

Study #	Title	Author	Date
S-16869	A Cultural Resources Evaluation of the IBM Parcel, Santa Teresa Boulevard Between Lika Land and Miyuki Land, San José, Santa Clara County	Katherine Flynn	1994
S- 23630	Historic Properties Survey Report, 04-SCL-85, P.M. 0.0/17.9, Construction of West Valley Transportation Corridor from Cupertino to San José, Santa Clara County, EA 04142-485000	Mara Melandry, David B. Gardner, John W. Snyder, Gregory P. King, Robert L. Gross, and Margaret L. Buss	1984
S-15764	Cultural Resources Assessment for Prodigy Child Development Centers, Liska Lane, City of San José, Santa Clara County	Donna M. Garaventa, Stuart A. Guedon, and Darren Moore	1993
S- 43191	Historic Property Survey Report, State Route 85 Express Lanes Project, Santa Clara County, California, EA 4A7900, EFIS 0400001163, US 101 PM 23.1-28.6, SR 85 PM 0.0-24.1, US 101 PM 47.9-52.0	Kathleen Kubal and Jay Rehor	2013
S- 44016	Historic Property Survey Report, proposed improvements to the existing State Route (SR) 85 roadway between Post Miles 0.0 and 5.6 in Santa Clara County, California; E-FIS Project Number 04 0000 2028	Brett Rushing	2010

SOURCE: NWIC, 2023

Previously Recorded Resources

The NWIC records search indicated that no resources have been previously recorded within or immediately adjacent to the project site. The closest California Register resource is the site of the New Almaden Mine (Monterey Highway at Flintwell Way; California Historical Landmark No. 339), approximately 0.85 mile northeast of the project site. The closest National Register-listed resource is the Hayes Mansion (200 Edenvale Avenue, San José; National Register No. 75000481), approximately 1.9 miles northwest of the project site.

5. Pedestrian Survey

5.1 Methods

ESA architectural historian Becky Urbano completed a pedestrian survey on April 14, 2023. The purpose of this survey was to document all exterior and publicly accessible interior spaces of the main hospital and other buildings on the project site constructed prior to 1978. Three resources, comprising six buildings including the Main Hospital and five ancillary buildings, were surveyed and documented as part of the evaluation:

- Main Hospital, 250 Hospital Parkway (1974)

- Building 6, 275 Hospital Parkway (1974)
- Buildings A-D, 280 Hospital Parkway (1978)

Figure 3 shows the locations of cultural resources identified within the project site as a result of the pedestrian survey.

6. Cultural Resources Identified on the Project Site

During the architectural history survey, six buildings including the Main Hospital and five ancillary buildings were recorded: the Main Hospital, 250 Hospital Parkway (1974), Building 6, 275 Hospital Parkway (1974), and Buildings A-D, 280 Hospital Parkway (1978). Previously unevaluated architectural resources are described and evaluated below. Due to their similar design, age, and function, Buildings A-D were evaluated as a single resource. **Appendix A** includes the Department of Parks and Recreation (DPR) 523 site records and evaluation forms for all three resources.

6.1 Main Hospital Building (250 Hospital Parkway)

SOURCE: ESA, 2023 Kaiser Permanente San José Medical Center Project

Photo 3
Main Hospital, facing northeast

The 1974 Main Hospital Building (MHB) at 250 Hospital Parkway (APN 706-05-037) consists of a 7-story, 250,000- sf hospital and emergency center. The MHB takes up the northeastern quadrant of the campus core surrounded by International Circle and is constructed of bi-colored reinforced concrete. The MHB is an irregularly shaped structure designed in the New Formalism style, consisting of a seven-story (approximately 95 feet tall) reinforced concrete tri-wing tower topped with a utility penthouse and surrounded by one- and two-story sections at the base. The building

tower is clad in alternating wide and narrow full height stylized pilasters dividing pairs of curtain wall windows, with the ends of the wings consisting of wide concrete panels with narrow vertical bands of windows extending the height of the concrete building end cap, as well as sets of three-pane picture windows along every story.

The building's irregular concrete base extends out on all sides between tower wings and connects on the northwestern side to Building 6. The base's concrete walls alternate between smooth and textured concrete, with a cubic second story projection extending out from the exterior wall on all three sides.

The primary entrance is located on the southwestern façade, underneath a wide concrete overhang extending out from the southern end of the building. The 2003 addition on the northern facade of the hospital's base consists of concrete panels bisected by ribbon windows running the length of the building's base (**Photo 4**). The northern entrance is a glazed, aluminum-framed sliding door set in a glass curtain wall. The addition connects the MHB and Building 6 on the northwestern side of the MHB.

SOURCE: ESA, 2023 Kaiser Permanente Medical Center Project

Photo 4
Main Hospital northern facade, facing southwest towards Building 6

Evaluation

The MHB at 250 Hospital Parkway is evaluated first within the criteria of the National and California registers. Because the criteria are nearly identical, they are evaluated for both registers simultaneously. A discussion regarding the City of San José Landmark criteria is presented after.

Criterion A/1 (Events)

The MHB at 250 Hospital Parkway was constructed between 1971 and 1973, opening in January 1974.[57] The Santa Teresa Community Hospital was constructed to serve the surrounding community of South San José, with the local homeowners group in favor of the project.[58] AMI developed the hospital facility as a "total concept" multi-service medical center, their third such facility nationwide of AMI's 20 previously constructed hospital facilities.[59] In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital, following the opening of the Kaiser Permanent Santa Clara hospital in 1964.[60] Following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits.[61]

While the MHB provided an important service meeting the medical needs of the population of South San José, it does not appear to have been historically significant for its associations with the development of San José during the later decades of the 20th century. Research about the building did not reveal any particularly significant associations or innovations connecting the facility with the development of San José, but rather it functioned as a typical community hospital. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the building is associated with community medical services, but this association does not appear to rise to the level where it could be considered important within the historic context. It was one of many hospitals constructed throughout the history of San José in the latter half of the 20th century. Because the MHB at 250 Hospital Parkway does not appear to be historically significant within the context of 20th century hospital development in San José, it is recommended not eligible for listing as an individual resource on the National or the California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2 (People)

Archival research did not reveal any significant persons associated with the MHB at 250 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with the MHB. Therefore, the MHB at 250 Hospital Parkway is recommended not eligible for listing as an individual resource on the National or California Registers under Criterion B/2 for its association with historically significant persons.

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57 San Jose Building Permit Database, permit issued June 30, 1971. Available at: https://portal.sanjoseca.gov/deployed/sfjsp.

58 "Hospital to be Started Next Week," San José Mercury News; May 31, 1971, 29.

59 "Hospital Target January '74," San José Mercury News; January 28, 1973, 194; "Hospital to be Started Next Week," San José Mercury News; May 31, 1971 29.

60 "Kaiser Permanente's 70th Anniversary celebrated at Silicon Valley medical centers," Karl Sonkin, July 31, 2015.

61 Archives and Architecture, 2012.

Criterion C/3 (Design)

The MHB at 250 Hospital Parkway is an example of New Formalism within a hospital setting. The building's monument-like arrangement with the 7-story tower on a substantial concrete base, decorative pilasters and glass wall running the height of the building, smooth concrete exterior, and symmetrical appearance are all characteristics of the New Formalism style. The building has also been somewhat modified since its original construction, with the 2003 northwestern addition expanding the massing at the base of the building and connecting it to Building 6 (275 Hospital Parkway). While a recognizable example of New Formalism, the building does not embody the style, nor does it possess high artistic value. Additionally, the building does not appear to represent the work of a master. Neither William H. Bender, a structural engineer, nor F. Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project. Additionally, no individual associated with either the F.A. Rossi Construction Company or the E.A. Hathaway Construction Company appear to have achieved professional acclaim for association with the construction of the Santa Teresa Community Hospital. As such, the MHB at 250 Hospital Parkway is recommended not eligible for listing as individual resource on the National or California registers under Criterion C/3 for its design.

Criterion D/4 (Information Potential)

Criterion D/4 is most typically applied to archaeological sites. As applied to buildings and structures, it is necessary for the building or structure to have been a principal source of information that could not be gathered from other sources nearby or elsewhere. The MHB at 250 Hospital Parkway is constructed of common materials using standard building techniques. The building is unlikely to provide additional information on its construction methods, the history of San José, or hospital design and construction. As such, the MHB at 250 Hospital Parkway is recommended not eligible for listing on the National or California registers under Criterion D/4 for its information potential.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because the MHB at 250 Hospital Parkway is not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory, Municipal Code Section 13.48.110[H])

1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

   The MHB at 250 Hospital Parkway does not represent the character of San José. Its value was as the local hospital in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the hospital. Rather it was one of many hospitals constructed during the postwar period in San José to address the needs of the growing population and does not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

   Research does not suggest that the MHB at 250 Hospital Parkway was the location of a significant historic event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

   Archival research did not reveal any significant persons associated with the MHB at 250 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with the MHB.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

   The MHB at 250 Hospital Parkway does not appear to exemplify a particular aspect of cultural, social, or historic heritage of San José. It served as a community hospital in South San José for many years but does not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

   There is no specific overall style or distinctive character to the MHB at 250 Hospital Parkway that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

   The MHB at 250 Hospital Parkway is an example of New Formalism within a hospital setting. The building's monument-like arrangement with the 7-story tower on a substantial concrete base, decorative pilasters and glass wall running the height of the building, smooth concrete exterior, and symmetrical appearance are all characteristics of the New Formalism style. While a recognizable example of New Formalism, the building does not embody the style, but is rather a typical example of the style within a hospital context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

   Neither William H. Bender, a structural engineer, nor F, Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project.

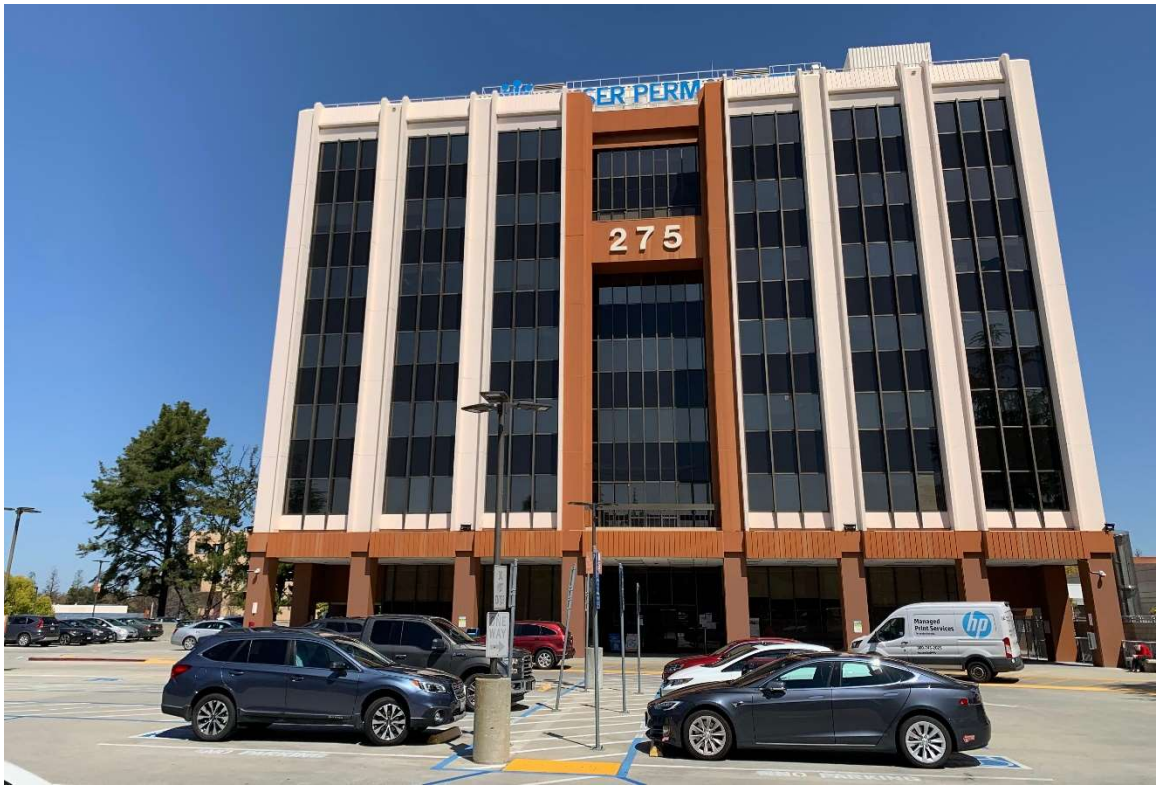
8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

   The architectural design of the MHB at 250 Hospital Parkway does not represent a significant architectural innovation, but rather is a typical example of New Formalism within a hospital setting.

Conclusions

As the MHB at 250 Hospital Parkway does not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends it ineligible for listing under national, state, or local criteria.

6.2 Building 6 (275 Hospital Parkway)



SOURCE: ESA, 2023

Kaiser Permanente San José Medical Center Project

Photo 5
Building 6, facing northwest

The 1974 Building 6 at 275 Hospital Parkway (APN 706-05-020) is a 7-story, reinforced concrete medical office building with a square footprint measuring approximately 125 by 125 feet. Building 6 takes up the northwestern quadrant of the core of International Circle and is constructed of bi-colored reinforced concrete. The building has a flat roof with utility penthouse, and the first floor is recessed from the main (southern) façade, providing the appearance of a building floating on square concrete posts from the primary facade. The main entrance is on the southern façade and consists of a glazed, aluminum-framed sliding door set in a glass curtain wall in the recessed first floor. Textured concrete panels run the length of the first floor and roof line, and signage consists of the building address in the center of the southern façade and "Kaiser Permanente" on the utility penthouse. The design of Building 6 is similar to that of the MHB, with the tall monument-like massing of the bi-colored 7-story building, decorative pilasters and glass wall running the height of the building, and a symmetrical appearance, all of which are characteristics of the New Formalism style.

Evaluation

Building 6 at 275 Hospital Parkway is evaluated first within the criteria of the National and California registers. Because the criteria are nearly identical, they are evaluated for both registers simultaneously. A discussion regarding City of San José Landmark criteria is presented after.

Criterion A/1 (Events)

Building 6 at 275 Hospital Parkway was constructed between 1971 and 1973, opening in January 1974 as a medical office building associated with the Santa Teresa Community Hospital. The Santa Teresa Community Hospital was constructed to serve the surrounding community of South San José, with the local homeowners group in favor of the proposed project.[62] AMI developed the hospital facility as a "total concept" multi-service medical center, their third such facility nationwide of AMI's 20 previously constructed hospital facilities.[63] In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital, following the opening the Kaiser Permanent Santa Clara hospital in 1964.[64] Following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits.[65]

While Building 6 provided an important service meeting the medical needs of the population of South San José, it does not appear to have been historically significant for its associations with the development of San José during the later decades of the 20th century. Research about the building did not reveal any particularly significant associations connecting the facility with the development of San José, but rather it functioned as a typical medical office building. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the building is associated with community medical services, but this association does not appear to rise to the level where it could be considered important within the historic context. It was one of many medical office buildings constructed throughout the history of San José in the latter half of the 20th century. Because Building 6 at 275 Hospital Parkway does not appear to be historically significant within the context of 20th century hospital development in San José, it is recommended not eligible for listing as an individual resource on the National or the California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2 (People)

Archival research did not reveal any significant persons associated with Building 6 at 275 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their

62 "Hospital to be Started Next Week," San José Mercury News; May 31, 1971, 29.

63 "Hospital Target January '74," San José Mercury News; January 28, 1973 194; "Hospital to be Started Next Week," San José Mercury News; May 31, 1971 29.

64 "Kaiser Permanente's 70th Anniversary celebrated at Silicon Valley medical centers," Karl Sonkin, July 31, 2015.

65 Archives and Architecture, 2012.

association with Building 6. Therefore, Building 6 at 275 Hospital Parkway is recommended not eligible for listing as an individual resource on the National or California Registers under Criterion B/2 for its association with historically significant persons.

Criterion C/3 (Design)

Building 6 at 275 Hospital Parkway is an example of New Formalism within a medical office setting. Similar to the MHB, Building 6 has a tall monument-like massing with the bi-colored 7-story building, decorative pilasters and glass wall running the height of the building, and a symmetrical appearance, all of which are characteristics of the New Formalism style. While possessing recognizable characteristics of the New Formalism style, the building does not embody the style, nor does it possess high artistic value. Additionally, the building does not appear to represent the work of a master Neither William H. Bender, a structural engineer, nor F. Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project. Additionally, no individual associated with either the F.A. Rossi Construction Company nor the E.A. Hathaway Construction Company appear to have achieved professional acclaim for association with the construction of Building 6 or the Santa Teresa Community Hospital. As such, Building 6 at 275 Hospital Parkway is recommended not eligible for listing as individual resource on the National or California registers under Criterion C/3 for its design.

Criterion D/4 (Information Potential)

Criterion D/4 is most typically applied to archaeological sites. As applied to buildings and structures, it is necessary for the building or structure to have been a principal source of information that could not be gathered from other sources nearby or elsewhere. Building 6 at 275 Hospital Parkway is constructed of common materials using standard building techniques. The building is unlikely to provide additional information on its construction methods, the history of San José, or hospital design and construction. As such, Building 6 at 275 Hospital Parkway is recommended not eligible for listing on the National or California registers under Criterion D/4 for its information potential.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because Building 6 at 275 Hospital Parkway is not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory, Municipal Code Section 13.48.110[H])

1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

   Building 6 at 275 Hospital Parkway does not represent the character of San José. Its value was as a medical office building associated with a local hospital in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the building. Rather it was one of many medical office buildings constructed during the postwar period in San José to address the needs of the growing population and does not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

   Research does not suggest that Building 6 at 275 Hospital Parkway was the location of a significant historical event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

   Archival research did not reveal any significant persons associated with Building 6 at 275 Hospital Parkway. No specific individual within Santa Teresa Hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Building 6.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

   Building 6 at 275 Hospital Parkway does not appear to exemplify a particular cultural, social, or historic heritage with the City of San José. It served as a medical office building for a community hospital in South San José for many years but does not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

   There is no specific overall style or distinctive character to Building 6 at 275 Hospital Parkway that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

   Building 6 at 275 Hospital Parkway is an example of New Formalism within a medical office setting. The building's monument-like arrangement with the 7-story massing, decorative pilasters and glass wall running the height of the building, and symmetrical appearance are all characteristics of the New Formalism style. While possessing recognizable characteristics of the New Formalism style, the building does not embody the style, but is rather a typical example of the style within a medical office context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

   Neither William H. Bender, a structural engineer, nor F, Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about

Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project.

8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

   The architectural design of Building 6 at 275 Hospital Parkway does not represent a significant architectural innovation, but rather is a typical example of New Formalism within a medical office setting.

Conclusions

As Building 6 at 275 Hospital Parkway does not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends it ineligible for listing under national, state, or local criteria.

6.3 Buildings A-D (280 Hospital Parkway)

SOURCE: ESA, 2023

Kaiser Permanente San José Redevelopment Project

Photo 6
Buildings A and C, facing east

280 Hospital Parkway is a collection of four one-story medical office buildings built in 1978,[66] located on a 2.36-acre parcel (APN 706-05-017) in the southwestern quadrant of the inner core of the hospital campus encircled by International Circle. All four buildings (A-D) are stylistically similar and are surrounded by landscaping as well as surface parking lots that are present to the

66 Building permit issued October 10, 1978. San Jose Building Permit database, https://portal.sanjoseca.gov/deployed/sfjsp

south, east, and west, and a parking garage to the north. Each building measures 100 by 100 feet, with a square footprint and hipped roof with boxed overhangs supported by large concrete pillars concentrated at the building corners and more widely dispersed along the sides of the building. Buildings A-D are constructed of concrete and largely lack architectural distinction. The largely blank facades are clad in smooth stucco and punctuated by aluminum-framed windows.

Evaluation

As described above, due to their similar design, age, and function, Buildings A-D were evaluated as a single resource. Buildings A-D at 280 Hospital Parkway are evaluated first within the criteria of the National and California registers. Because the criteria are nearly identical, they are evaluated for both registers simultaneously. A discussion regarding City of San José Landmark criteria is presented after.

Criterion A/1 (Events)

Buildings A-D at 280 Hospital Parkway were constructed in 1978 as additional medical office buildings associated with the Santa Teresa Community Hospital. The Santa Teresa Community Hospital was constructed to serve the surrounding community of South San José, with the local homeowners group in favor of the proposed project.[67] AMI developed the hospital facility as a "total concept" multi-service medical center, their third such facility nationwide of AMI's 20 previously constructed hospital facilities.[68] In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital, following the opening the Kaiser Permanent Santa Clara hospital in 1964.[69] Following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits.[70]

While Buildings A-D provided an important service meeting the medical needs of the population of South San José, they do not appear to have been historically significant for their associations with the development of San José during the later decades of the 20th century. Research about the buildings did not reveal any particularly significant associations connecting the buildings with the development of San José, but rather they functioned as typical medical office buildings. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the buildings are associated with community medical services, but this association does not appear to rise to the level where it could be considered important within the historic context. They are just some of the many medical office buildings constructed throughout the history of San José in the late 20th century. Because Buildings A-D at 280 Hospital Parkway do not appear to be historically

67 "Hospital to be Started Next Week," San José Mercury News; May 31, 1971, 29.

68 "Hospital Target January '74," San José Mercury News; January 28, 1973, 194; "Hospital to be Started Next Week," San José Mercury News; May 31, 1971, 29.

69 "Kaiser Permanente's 70th Anniversary celebrated at Silicon Valley medical centers," Karl Sonkin, July 31, 2015.

70 Archives and Architecture, 2012.

significant within the context of 20th century medical development in San José, they are recommended not eligible for listing as an individual resource on the National or the California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2 (People)

Archival research did not reveal any significant persons associated with Buildings A-D at 280 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Buildings A-D. Therefore, Buildings A-D at 280 Hospital Parkway are recommended not eligible for listing as an individual resource on the National or California Registers under Criterion B/2 for its association with historically significant persons.

Criterion C/3 (Design)

Buildings A-D at 280 Hospital Parkway is an example of Corporate Architecture within a medical office setting. Buildings A-D have low horizontal massing, low-pitched hipped roofs, large volumes of concrete with little fenestration, are positioned within a landscaped plaza, and lack ornamentation, all of which are characteristics of the Corporate Architecture style. While possessing recognizable characteristics of the Corporate Architecture style, the building does not embody the style, nor do they possess high artistic value. Additionally, the building does not appear to represent the work of a master. Archival research did not reveal any specific architect or builder associated with the buildings at 280 Hospital Parkway. As such, Buildings A-D at 280 Hospital Parkway are recommended not eligible for listing as an individual resource on the National or California registers under Criterion C/3 for its design.

Criterion D/4 (Information Potential)

Criterion D/4 is most typically applied to archaeological sites. As applied to buildings and structures, it is necessary for the building or structure to have been a principal source of information that could not be gathered from other sources nearby or elsewhere. The Buildings A-D at 280 Hospital Parkway are constructed of common materials using standard building techniques. The buildings are unlikely to provide additional information on its construction methods, the history of San José, or hospital design and construction. As such, Buildings A-D at 280 Hospital Parkway are recommended not eligible for listing on the National or California registers under Criterion D/4 for its information potential.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because Buildings A-D at 280 Hospital Parkway are not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory, Municipal Code Section 13.48.110[H])

1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

   Buildings A-D at 280 Hospital Parkway do not represent the character of San José. Their value was as medical office buildings associate with a local hospital in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the buildings. Rather, they were some of many medical office buildings constructed during the postwar period in San José to address the needs of the growing population and do not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

   Research did not suggest that Buildings A-D at 280 Hospital Parkway were the location of a significant historical event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

   Archival research did not reveal any significant persons associated with Buildings A-D at 280 Hospital Parkway. No specific individual within Santa Teresa Hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Buildings A-D.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

   Buildings A-D at 280 Hospital Parkway do not appear to exemplify a particular cultural, social, or historic heritage with the City of San José. They served as medical office buildings for a community hospital in South San José for many years but do not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

   There is no specific overall style or distinctive character to Buildings A-D at 280 Hospital Parkway that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

   Buildings A-D at 280 Hospital Parkway is an example of Corporate Architecture within a medical office setting. The buildings' low horizontal massing, low-pitched hipped roofs, large volumes of concrete with little fenestration, positioning within a landscaped plaza, and general lack of ornamentation are all characteristics of Corporate Architecture. While possessing recognizable characteristics of the style, the building does not embody the style, but is rather a typical example of the style within a medical office context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

   Archival research failed to indicate any significant persons associated with Buildings A-D at 280 Hospital Parkway.

8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

   The architectural design of Buildings A-D at 280 Hospital Parkway do not represent a significant architectural innovation, but rather are a typical example of Corporate Architecture within a medical office setting.

Conclusions

As Buildings A-D at 280 Hospital Parkway do not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends them as ineligible for listing under national, state, or local criteria.

6.4 Potential Kaiser SJMC Historic District

The six buildings in the central core of International Drive at the Kaiser SJMC (MHB, Building 6, and Buildings A-D) are associated with the 1974 Kaiser Santa Teresa Hospital/Santa Teresa Community Hospital. As described above, the hospital was one many established in San José in the late-20th century and underwent multiple expansions and building renovations during its period of use. The following discussion analyzes the National Register and California Register eligibility of the Kaiser SJMC as a potential historic district. An analysis of the Kaiser SJMC as a potential historic district with regard to the City of San José Landmark criteria is presented after.

Criterion A/1

Archival research indicates that the Kaiser SJMC was associated with the development of hospitals in San José during the late postwar period. As mentioned above, following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits. The Santa Teresa Community Hospital, Building 6, and Buildings A-D, all of which are components of the Kaiser SJMC, were constructed in 1974 and 1978, respectively. While the Kaiser SJMC provided important service meeting the medical needs of the population of South San José, collectively they do not appear to have been historically significant for their associations with the development of San José during the later decades of the 20th century. Research about the Kaiser SJMC did not reveal any significant associations with the development of San José, but rather the hospital and associated buildings functioned as typical hospital and medical office buildings. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the Kaiser SJMC is associated with community medical services, but this association does not rise to the level where it could be considered important within the historic context. It is one of many hospital complexes constructed throughout the history of San José in the late 20th century. Because Kaiser SJMC does not appear to be historically significant within the context of 20th century medical development in San José, it is recommended not eligible for listing as a historic district on the National or California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2

Archival research did not reveal any significant persons associated with Kaiser SJMC. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Kaiser SJMC. Therefore, Kaiser SJMC is recommended not eligible for listing as a historic district on the National or California registers under Criterion B/2 for its association with historically significant persons.

Criterion C/3

The Kaiser SJMC is not significant for its design, but rather reflects a variety of styles of buildings accumulated over time, namely New Formalism and Corporate Architecture. To be eligible under Criterion C/3, a resource must embody the distinctive characteristic of a type, period, or method of construction, reflect high artistic value, or represent the work of a master. Within the context as a hospital complex, the Kaiser SJMC does not appear to rise to a level of significance as a property that embodies distinctive characteristics of the style, nor reflect high artistic value. Additionally, as described above, William H. Bender, a structural engineer, nor F. Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project. For these reasons, Kaiser SJMC is recommended not eligible for listing as a historic district on the National or California Registers under Criterion C/3 for its design.

Criterion D/4

Criterion D/4 applies to properties that have the potential to inform important research questions about human history. According to National Register Bulletin 15, to qualify for listing, the property must "have, or have had, information to contribute to our understanding of human history or prehistory and the information must be considered important". Because the buildings associated with the Kaiser SJMC are examples of a common construction type built using readily available materials, and designed in a common style, it has little to no potential to yield information important to the prehistory or history of the local area, California, or the nation. Therefore, the Kaiser SJMC does not appear to be eligible for listing as a historic district under Criterion D/4.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because Kaiser SJMC is not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory, Municipal Code Section 13.48.110[H])

1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

   The Kaiser SJMC does not represent the character of San José. Its value was as a hospital with associated medical office buildings in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the buildings. Rather, it was one of many hospital complexes constructed during the postwar period in San José to address the needs of the growing population and does not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

   Research does not suggest that the Kaiser SJMC was the location of a significant historical event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

   Archival research did not reveal any significant persons associated with Kaiser SJMC. No specific individual within Santa Teresa Hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Kaiser SJMC.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

   Kaiser SJMC does not appear to exemplify a particular cultural, social, or historic heritage with the City of San José. It served as a hospital and medical office complex for a community hospital in South San José for many years but does not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

   There is no specific overall style or distinctive character to Kaiser SJMC that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

   Kaiser SJMC is an example of New Formalism and Corporate Architecture within a medical office setting. The Main Hospital building and Building 6's monument-like arrangement with the 7-story massing, decorative pilasters and glass wall running the height of the building, and symmetrical appearance are all characteristics of the New Formalism style. The associated medical offices' low horizontal massing, low-pitched hipped roofs, large volumes of concrete with little fenestration, positioning within a landscaped plaza, and general lack of ornamentation are all characteristics of Corporate Architecture. While possessing recognizable characteristics of the New Formalism and Corporate Architecture styles, the Kaiser SJMC does not embody either style, but is rather a typical example of these styles within a medical office complex context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

   Neither William H. Bender, a structural engineer, nor F, Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project. Archival research failed to indicate any significant persons associated with Buildings A-D at 280 Hospital Parkway.

8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

   The architectural design of Kaiser SJMC does not represent a significant architectural innovation, but rather is a typical example of New Formalism and Corporate Architecture within a medical complex setting.

Conclusion

As Kaiser SJMC does not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends it as ineligible for listing as a historic district under national, state, or local registers.

7. Conclusions

Based on the results of the records search, background research, pedestrian survey, resource significance evaluations, and assessment of impacts, three potential cultural resources were identified within the project site: the MHB, 250 Hospital Parkway (1974); Building 6, 275 Hospital Parkway (1974); and Buildings A-D, 280 Hospital Parkway (1978). None of these buildings are recommended eligible for listing in the National Register, California Register, or San José Historic Resources Inventory as a City Landmarks as individual historic resources or a collectively as a historic district.

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Appendix A
DPR Forms

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary
HRI #
Trinomial
NRHP Status Code
Other Listings
Review Code Reviewer Date

Page 1 of 10 ***Resource Name or #:** 250 Hospital Parkway
P1. Other Identifier: Main Hospital Building
***P2. Location:** ☐ **Not for Publication** ☐ **Unrestricted**
***a. County** Santa Clara
***b. USGS 7.5' Quad** Santa Teresa Hills **Date** 1980 **T 8S** ; **R 2E** ; ¼ **of** ¼ **of Sec** ; **B.M.**
c. Address 250 Hospital Parkway City San Jose Zip
d. UTM: Zone , mE/ mN; NAD 83
e. Other Locational Data:
APN 706-05-037

***P3a. Description:**

The 1974 Main Hospital Building (MHB) at 250 Hospital Parkway (APN 706-05-037) consists of a 7-story, 250,000- sf hospital and emergency center. The MHB takes up the northeastern quadrant of the campus core surrounded by International Circle and is constructed of bi-colored reinforced concrete. The MHB is an irregularly shaped structure designed in the New Formalism style, consisting of a seven-story (approximately 95 feet tall) reinforced concrete tri-wing tower topped with a utility penthouse and surrounded by one- and two-story sections at the base. The building tower is clad in alternating wide and narrow full height stylized pilasters dividing pairs of curtain wall windows, with the ends of the wings consisting of wide concrete panels with narrow vertical bands of windows extending the height of the concrete building end cap, as well as sets of three-pane picture windows along every story.

The building's irregular concrete base extends out on all sides between tower wings and connects on the northwestern side to Building 6. The base's concrete walls alternate between smooth and textured concrete, with a cubic second story projection extending out from the exterior wall on all three sides.

(See continuation sheet)

***P3b. Resource Attributes:** HP41. Hospital
***P4. Resources Present:** ☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5b. Description of Photo: 250 Hospital Parkway, facing east

***P6. Date Constructed/Age and Source:**
☒ Historic ☐ Prehistoric
☐ Both 1974 (newspaper article)

***P7. Owner and Address:**
Kaiser Foundation Hospitals
One Kaiser Plaza Fl 15
Oakland CA 94612

P8. Recorded by: Becky Urbano, ESA

***P9. Date Recorded:** April 14, 2023

***P10. Survey Type:** intensive

***P11. Report Citation**: ESA, 2023. Kaiser Permanente San José Medical Center Project Historic Resources Evaluation Report. Prepared for Kaiser Foundation Hospitals. June 2023.

***Attachments:** ☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** 250 Hospital Parkway ***NRHP Status Code** 6z

B1. Historic Name: Santa Teresa Community Hospital
B2. Common Name: Kaiser San Jose Main Hospital
B3. Original Use: hospital B4. Present Use: hospital
***B5. Architectural Style:** New Formalism
***B6. Construction History:**
1974 original construction;
2003 emergency room addition on northwest façade

***B7. Moved?** ☒ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:**

B9a. Architect: Ruth & Going b. Builder: F.A. Rossi Construction Company or the E.A. Hathaway Construction Company
***B10. Significance:** **Theme** community health **Area** San Jose
Period of Significance n/a **Property Type** hospital **Applicable Criteria** n/a

The building at 250 Hospital Parkway was constructed in 1974 to serve as the Santa Teresa Community Hospital. It was augmented in 2003 with the construction of an emergency room expansion on the northwestern façade. No historically associations with people, businesses, or events were uncovered during archival research. The building is recommended **not eligible** for listing on either the National Register of Historic Places (National Register) or the California Register of Historical Resources (California Register). Additionally, the building is recommended **not eligible** for consideration as a City of San Jose Landmark.

(See continuation sheet)

B11. Additional Resource Attributes: (List attributes and codes)
***B12. References:** (see continuation sheet)

B13. Remarks:

***B14. Evaluator:** Kathy Cleveland, ESA
***Date of Evaluation:** May 31, 2023.

***P3a. Description:**

The building's irregular concrete base extends out on all sides between tower wings and connects on the northwestern side to Building 6. The base's concrete walls alternate between smooth and textured concrete, with a cubic second story projection extending out from the exterior wall on all three sides.

The primary entrance is located on the southwestern façade, underneath a wide concrete overhang extending out from the southern end of the building. The 2003 addition on the northern facade of the hospital's base consists of concrete panels bisected by ribbon windows running the length of the building's base. The northern entrance is a glazed, aluminum-framed sliding door set in a glass curtain wall. The addition connects the MHB and Building 6 on the northwestern side of the MHB.

***B10.Significance:**

The Kaiser SJMC, originally known as the Santa Teresa Community Medical Center, was constructed in 1974. Prior to that time the site was used for agricultural purposes. The Santa Teresa Ranch consisted of 10,000 acres and was deeded to Joaquin Bernal by Carlos III of Spain in 1769. Bernal had been sent to Mexican and California as a mining engineer and assayer, and for his services was provided a land grant. In 1834, Bernal (at 94 years old) petitioned the Mexican government to have his lands confirmed.[1]

Historic maps and aerial imagery provide an overview of the historical development of the project site. The earliest (1876) historic map of the area shows the project site as part of a 451.22-acre-parcel owned by Francisco Bernal. Francisco Bernal was the grandson of Jose Joaquin Bernal, the original recipient of the 9,647-acre Santa Teresa land grant. One building is shown in the project site near the north side of International Circle. The earliest U.S. Geological Survey topographic map from 1916 shows a building at that same location, with a dirt road leading from Cottle Road. The alignment of Santa Teresa Boulevard is also depicted on the 1916 map.

The earliest aerial image of the project site from 1948 shows it was primarily orchard land with a large farm complex in the southeast. The building and dirt roads on earlier images and maps are no longer depicted. The orchard and farm complex are also on the 1953, 1956, 1960 and 1968 aerial images.

The 1980 aerial image shows that the orchards had been cleared and the hospital complex was under development. A gas station is shown at the corner of Cottle Road and Santa Teresa Boulevard. Additional development is shown on the aerial images through the 1980s and early 1990s. By 2002, the entire SJMC had been constructed in its current configuration. American Medical International (AMI), Inc,, the developer and primary investor in the hospital, began in 1956 as a central medical laboratory in Los Angeles, and by 1966 had transitioned to investor-ownership in the hospital field. By 1974, AMI owned and operated 45 facilities (with 43 in the United States and two in Europe), with Santa Teresa Community Hospital representing the 46th hospital.[2]

Early hospital development was primarily government led, with private citizens primarily hiring private doctors and the poorer citizens relying on government provided care. World War II transformed health care nationwide, with both the Veterans Administration hospital managing a range of care for servicemembers and veterans and the exponential growth of private healthcare during and after the war. During the 4-year wage freeze of the war years, US companies began offering private health insurance as a benefit, which provided coverage to millions of works and reshaped the face of health care. Additionally, the

1 *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

2 Ibid.

introduction of Medicare and Medicaid in 1965 provided money for the care of the aged and the poor, respectively. The newly available funding allowed for expansion of both government and private hospitals to provide treatment for a significantly larger population than earlier generations.

AMI hired Ruth and Going, an engineering, planning, and architecture firm in San José, to design the hospital complex. The main building plans were signed off by William H. Bender, a structural engineer for Ruth and Going, with F Hazen "Skip" MacLaren acting as principal architect for the project.[3] F.A. Rossi Construction Company of Los Angeles began construction of the project in 1971, with the majority of the work completed by E.A. Hathaway Construction Company of San José at a cost $9 million of the $30 million total for the medical complex.[4]

Both the Main Hospital and Building 6 were completed by January 1974, with plans for future growth including emergency facilities, medical and commercial offices, employee housing, as well as a motel, drug store, bank, and other commercial stores.[5] The Y-shape of the tower was designed to provide efficient patient care, replacing the older, long, single corridor model with multiple shorter corridors extending out from the central core. The central core housed nursing stations, supply areas, and reception, allowing for more efficient care.[6]

In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital for an undisclosed amount. This was Kaiser's second hospital in Santa Clara County, following the construction of the Kaiser Santa Clara Hospital on Kaiser Drive off Kiely Boulevard in 1964. [7] The purchase of the Santa Teresa Hospital was described as including the eight-story hospital (Main Hospital), eight story medical office (Building 6), a two-story parking structure, and 61-acre site.[8] By 1979, the four medical office Buildings A-D at 280 International Circle had been constructed, and a review of aerial photographs from 1980 shows full development within International Circle.[9]

Over the following twenty years, the area surrounding International Circle developed similarly to the original proposed campus design, with parking lots and structures, as well as medical and commercial offices. In 1979 and 1984 the zoning was changed to allow for greater building density and flexibility for Kaiser's eventual campus build out.[10] Review of historic aerials show development extending counterclockwise from the southeast around International Circle, with medical offices and surface parking slowly filling in the campus by 1998.

In 2003, the Main Hospital building was expanded north and west to include a 17,700-sf emergency room extending westward to Building 6 (275 Hospital Parkway). The one-story expansion consisted of a one-story steel brace framed building with a rectangular

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3 Ruth & Going, Santa Teresa Community Hospital – As Built Drawings; "Groundbreaking set today for Santa Teresa Hospital," San José Mercury News, June 23, 1971, 17.

4 Ben Hawkins, Business Happenings, San José Mercury News; June 15, 1975, 91; Robert E. Mayfield, Engineers Save Ancient Tree, Engineers News; July 1971, 6. Available at: https://www.oe3.org/wp-content/uploads/2017/04/7-1971-july-engineers-news.pdf; *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

5 "New Hospital to be started next week," San José Mercury News; May 31, 1971, 29; "Hospital Target January '74," San José Mercury News; January 28, 1973.

6 *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

7 "Kaiser Permanente Santa Clara marks 50 years of "Thrive-ing."" July 8, 2014. https://patch.com/california/losgatos/kaiser-permanente-santa-clara-marks-50-years-of-thriveing_97f3f4fe

8 "Kaiser Foundation Buys Santa Teresa Hospital," San José Mercury News; October 2, 1976, 16.

9 City of San José, Draft Environmental Impact Report – Kaiser Santa Teresa Medical Center, June 1994; Western Aerial Photos, 1980.

10 City of San José, 1994.

footprint, measuring 218 by 60 feet along the northern side of the building, with a triangular addition extending 40 feet on the western side of the building connecting to Building 6.[11]

Ruth & Going

Leo W. Ruth, Jr. was a civil and mechanical engineer who co-founded Ruth & Going engineering firm with Edward Jackson Going, Jr. in 1960. Born in Santa Clara in 1917 (d. 2003), Ruth attended Santa Clara University and earned his civil and mechanical engineering degree in 1938. After being drafted into World War II in 1940, Ruth return to San José where he was employed as an office engineer for the San José Department of Public Works as well as the firm James Waters & Associates (JWA). He worked at JWA for a decade before becoming a partner in the renamed Waters, Ruth and Going in 1956.[12] Going was born in 1928 in Houston, Texas (d. 2020) before moving to Santa Clara County in 1944 and attending Santa Clara University in 1949.[13] He joined the JWA firm directly after graduating, became partner in 1952, and formed Waters, Ruth and Going in 1956; and then four years later in 1960 established Ruth & Going when James Waters retired. Ruth and Going retired from the firm in 1983 and 1984, respectively.[14] Projects attributed to Ruth & Going include the Santa Teresa General Hospital, the 8,000 seat University of Santa Clara Buck Shaw Stadium, and the Villages Adult Residential Complex in San José.[15]

In 1990, Ruth was part of the inaugural class of the Silicon Valley Engineering Council (SVEC) Hall of Fame. Established in 1989, the SVEC is a "cooperative educational association of local engineering and technical societies" formed to promote engineering throughout the valley and Greater Bay Area. Ruth was nominated in recognition of his professional and personal merit as a member of numerous local organizations.[16] In 1993, the Santa Clara University School of Engineering bestowed its highest honor on Going by presenting him with the Distinguished Engineering Alumni Award in recognition of his accomplishments, both in his profession, his community, and in service to the University.[17]

Archival review uncovered little information outside some biographical and professional information about William Bender. Per newspaper review, he was employed by Ruth & Going as early as 1962 and became a senior vice president of structural engineering at Ruth & Going in 1981.[18] MacLaren was born in New Jersey in 1935, attended Stanford University from 1954 to 1958 before joining the U.S. Navy from 1959 to 1963. From 1969 through 1973 he worked as an architect at Ruth & Going before relocating to Mendocino to start a new career in retail.[19]

E.A. Hathaway Construction Company

E.A. Hathaway Construction is one of the oldest commercial construction firms in Northern California. The company was founded by Ernest A. Hathaway, who moved to Santa Clara County from Oregon in 1923 to establish a construction company. In Oregon,

[11] Geomatrix, Engineering Geological and Geotechnic Report Emergency Room Expansion Kaiser Santa Teresa Medical Center, prepared for Kaiser Foundation Health Plan, Inc., May 2001.

[12] Journal of the Senate, Legislature of the State of California, 1959, Advisory Committee: Leo W Ruth Jr. Available at: https://www.google.com/books/edition/Journal_of_the_Senate_Legislature_of_the/W5ff--0pzCwC?hl=en&gbpv=0.

[13] E. Jackson Going, Jr. Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

[14] Engineers Joint Council, 1995, Who's who in Engineering, American Association of Engineering Societies, Engineers Joint Council; University of Michigan. Available at: https://www.google.com/books/edition/Who_s_who_in_Engineering/t4RUAAAAMAAJ?hl=en&gbpv=0

[15] Santa Clara to Construct New Stadium, The Californian, April 27, 1962, 14; SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

[16] SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

[17] E Jackson Going Jr Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

[18] "Builders at Work," San José Mercury News, November 21, 1962, 11; "People," San José Mercury News, September 4, 1981, 111.

[19] "Frank Hazen "Skip" MacLaren Obituary," 2017. Available at: https://stanfordmag.org/contents/obituaries-july-2017.

Hathaway had been building docks, railroad facilities, and other industrial structures. During the slow period of the Great Depression, Hathaway worked out of his home, remodeling older structures in downtown San José and building small commercial buildings in Santa Clara Valley.[20] After his son Ron returned home from World War II, Ron joined the family business and eventually took over as president in 1954, two years prior to Ernest's death in 1956.[21] Among the buildings attributed to E.A. Hathaway Construction Company are the Santa Teresa Community Hospital, downtown San José's Wells Fargo Bank and PG&E buildings, the 1.8 million-square-foot Safeway distribution center in San José, and NASA's Ames Flight Center in Mountain View.[22]

New Formalism Context (1960-1975)

Developed as a reaction to the perceived formulaic and rigid expression of the International Style and the "glass box" of the Corporate Architecture, New Formalism incorporated streamlined and highly stylized classical elements into modernism. New Formalist buildings are defined by their monumental scale and powerful visual presence, with large volumes, rectangular massing, symmetrical facades, and full height colonnades. Buildings were often perched above a podium or articulated base, which reinforced the sense of monumentality. Arches and columns were incorporated in stylized ways, along with modern geometric motifs (such as honeycomb screens, shell forms, or folded plates).[23]

Character-defining features of New Formalism include:[24]

- Symmetrical plan
- Monumental in size and appearance
- Flat roofs with heavy overhanging roof slab
- Full-height columns of steel or concrete connecting the roof slab to the site
- Colonnade of stylized full-height columnar supports
- Repeating arches or rounded openings
- Cast stone or concrete block screens
- Building tower set back from the street in a landscaped plaza
- Building expressed as tower of steel
- Presence of stylized ornamentation
- Smooth wall surfaces

Evaluation

20 "After a century of good work, Hathaway Dinwiddie keeps that family feeling going," The Northern California Carpenter. Available at: https://docplayer.net/58435393-Carpenter-sisters-support-habitat-in-stockton-hathaway-dinwiddie-it-s-still-a-family-operation-time-to-build-your-401-k-northern-california.html.

21 Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

22 "Dinwiddie Construction Changes Hands," Kenneth Howe, October 9, 1996. Available at: https://www.sfchronicle.com/business/article/Dinwiddie-Construction-Changes-Hands-2963493.php; Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

23 Survey LA. Los Angeles Citywide Historic Context Statement – ContextArchitecture and Engineering – Sub-context: LA Modernism, 1919-1980, 190. Available at: https://planning.lacity.org/odocument/4f67bd39-631a-4f26-9a52-cd5809a66655/LA_Modernism_1919-1980.pdf.

24 Past Consultants, LLC, *San José Modernism: Historic Context* Statement, June 2009, 82.

The MHB at 250 Hospital Parkway is evaluated first within the criteria of the National and California registers. Because the criteria are nearly identical, they are evaluated for both registers simultaneously. A discussion regarding the City of San José criteria is presented after.

Criterion A/1 (Events)

The MHB at 250 Hospital Parkway was constructed between 1971 and 1973, opening in January 1974. The Santa Teresa Community Hospital was constructed to serve the surrounding community of South San José, with the local homeowners group in favor of the project. AMI developed the hospital facility as a "total concept" multi-service medical center, their third such facility nationwide of AMI's 20 previously constructed hospital facilities. In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital, following the opening of the Kaiser Permanent Santa Clara hospital in 1964. Following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits.

While the MHB provided an important service meeting the medical needs of the population of South San José, it does not appear to have been historically significant for its associations with the development of San José during the later decades of the 20th century. Research about the building did not reveal any particularly significant associations connecting the facility with the development of San José, but rather it functioned as a typical community hospital. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the building is associated with community medical services, but this association does not appear to rise to the level where it could be considered important within the historic context. It was one of many hospitals constructed throughout the history of San José in the latter half of the 20th century. Because the MHB at 250 Hospital Parkway does not appear to be historically significant within the context of 20th century hospital development in San José, it is recommended not eligible for listing as an individual resource on the National or the California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2 (People)

Archival research did not reveal any significant persons associated with the MHB at 250 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with the MHB. Therefore, the MHB at 250 Hospital Parkway is recommended not eligible for listing as an individual resource on the National or California Registers under Criterion B/2 for its association with historically significant persons.

Criterion C/3 (Design)

The MHB at 250 Hospital Parkway is an example of New Formalism within a hospital setting. The buildings monument-like arrangement with the 7-story tower on a substantial concrete base, decorative pilasters and glass wall running the height of the building, smooth concrete exterior, and symmetrical appearance are all characteristics of the New Formalism style. The building has also been somewhat modified since its original construction, with the 2003 northwestern addition expanding the massing at the base of the building and connecting it to Building 6 (275 Hospital Parkway). While a recognizable example of New Formalism, the building does not embody the style, nor does it possess high artistic value. Additionally, the building does not appear to represent the work of a master. Neither William H. Bender, a structural engineer, nor F. Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project. Additionally, no individual associated with either the F.A. Rossi Construction Company or the E.A. Hathaway Construction Company appear to have achieved professional acclaim for association with the construction of the Santa Teresa Community Hospital. As such, the MHB at 250 Hospital Parkway is recommended not eligible for listing as individual resource on the National or California registers under Criterion C/3 for its design.

Criterion D/4 (Information Potential)

Criterion D/4 is most typically applied to archaeological sites. As applied to buildings and structures, it is necessary for the building or structure to have been a principal source of information that could not be gathered from other sources nearby or elsewhere. The MHB at 250 Hospital Parkway is constructed of common materials using standard building techniques. The building is unlikely to provide additional information on its construction methods, the history of San José, or hospital design and construction. As such, the MHB at 250 Hospital Parkway is recommended not eligible for listing on the National or California registers under Criterion D/4 for its information potential.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because the MHB at 250 Hospital Parkway is not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory)

1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

The MHB at 250 Hospital Parkway does not represent the character of San José. Its value was as the local hospital in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the hospital. Rather it was one of many hospitals constructed during the postwar period in San José to address the needs of the growing population and does not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

Research does not suggest that the MHB at 250 Hospital Parkway was the location of a significant historical event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

Archival research did not reveal any significant persons associated with the MHB at 250 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with the MHB.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

The MHB at 250 Hospital Parkway does not appear to exemplify a particular aspect of cultural, social, or historic heritage of San José. It served as a community hospital in South San José for many years but does not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

There is no specific overall style or distinctive character to the MHB at 250 Hospital Parkway that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

The MHB at 250 Hospital Parkway is an example of New Formalism within a hospital setting. The building's monument-like arrangement with the 7-story tower on a substantial concrete base, decorative pilasters and glass wall running the height of the building, smooth concrete exterior, and symmetrical appearance are all characteristics of the New Formalism style. While a recognizable example of New Formalism, the building does not embody the style, but is rather a typical example of the style within a hospital context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

Neither William H. Bender, a structural engineer, nor F, Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project.

8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

The architectural design of the MHB at 250 Hospital Parkway does not represent a significant architectural innovation, but rather is a typical example of New Formalism within a hospital setting.

Conclusions

As the MHB at 250 Hospital Parkway does not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends it ineligible for listing under national, state, or local criteria.

***B12. References:**

City of San José, Draft Environmental Impact Report – Kaiser Santa Teresa Medical Center, June 1994; Western Aerial Photos, 1980.

Engineers Joint Council, 1995, Who's who in Engineering, American Association of Engineering Societies, Engineers Joint Council; University of Michigan. Available at: https://www.google.com/books/edition/Who_s_who_in_Engineering/t4RUAAAAMAAJ?hl=en&gbpv=0

Geomatrix, Engineering Geological and Geotechnic Report Emergency Room Expansion Kaiser Santa Teresa Medical Center, prepared for

Journal of the Senate, Legislature of the State of California, 1959, Advisory Committee: Leo W Ruth Jr. Available at: https://www.google.com/books/edition/Journal_of_the_Senate_Legislature_of_the/W5ff--0pzCwC?hl=en&gbpv=0.

Kaiser Foundation Health Plan, Inc., May 2001.

Past Consultants, LLC, *San José Modernism: Historic Context* Statement, June 2009, 82.

Ruth & Going, 1972. Santa Teresa Community Hospital – As Built Drawings;

Santa Teresa Community Hospital Dedication pamphlet, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

Survey LA. Los Angeles Citywide Historic Context Statement – Context - Architecture and Engineering – Sub-context: LA Modernism, 1919-1980, 190. Available at: https://planning.lacity.org/odocument/4f67bd39-631a-4f26-9a52-cd5809a66655/LA_Modernism_1919-1980.pdf.

SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

Newspaper/Journal Articles

Ben Hawkins, Business Happenings, San José Mercury News; June 15, 1975, 91;

"After a century of good work, Hathaway Dinwiddie keeps that family feeling going," The Northern California Carpenter. Available at: https://docplayer.net/58435393-Carpenter-sisters-support-habitat-in-stockton-hathaway-dinwiddie-it-s-still-a-family-operation-time-to-build-your-401-k-northern-california.html.

"Builders at Work," San José Mercury News, November 21, 1962, 11; "People," San José Mercury News, September 4, 1981, 111.

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"E Jackson Going Jr Obituary", 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

"Frank Hazen "Skip" MacLaren Obituary," 2017. Available at: https://stanfordmag.org/contents/obituaries-july-2017.

"Groundbreaking set today for Santa Teresa Hospital," San José Mercury News, June 23, 1971, 17.

"Kaiser Foundation Buys Santa Teresa Hospital," San José Mercury News; October 2, 1976, 16.

"New Hospital to be started next week," San José Mercury News; May 31, 1971, 29; "Hospital Target January '74," San José Mercury News; January 28, 1973.

Robert E. Mayfield, *Engineers Save Ancient Tree*, Engineers News; July 1971, 6. Available at: https://www.oe3.org/wp-content/uploads/2017/04/7-1971-july-engineers-news.pdf;

"Ron Hathaway Obituary", January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

"Santa Clara to Construct New Stadium", The Californian, April 27, 1962, 14;

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary
HRI #
Trinomial
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

Page 1 of 10 ***Resource Name or #:** 275 Hospital Parkway
P1. Other Identifier: Building 6
***P2. Location:** ☐ **Not for Publication** ☐ **Unrestricted**
***a. County** Santa Clara
***b. USGS 7.5' Quad** Santa Teresa Hills **Date** 1980 **T 8S** ; **R 2E** ; ¼ **of** ¼ **of Sec** ; **B.M.**
c. Address 275 Hospital Parkway City San Jose Zip
d. UTM: Zone , mE/ mN; NAD 83
e. Other Locational Data:
APN 706-05-020

***P3a. Description:**

The 1974 Building 6 at 275 Hospital Parkway (APN 706-05-020) is a 7-story, reinforced concrete medical office building with a square footprint measuring approximately 125 by 125 feet. Building 6 takes up the northwestern quadrant of the core of International Circle and is constructed of bi-colored reinforced concrete. The building has a flat roof with utility penthouse, and the first floor is recessed from the main (southern) façade, providing the appearance of a building floating on square concrete posts from the primary facade. The main entrance is on the southern façade and consists of a glazed, aluminum-framed sliding door set in a glass curtain wall in the recessed first floor. Textured concrete panels run the length of the first floor and roof line, and signage consists of the building address in the center of the southern façade and "Kaiser Permanente" on the utility penthouse. The design of Building 6 is similar to that of the Main Hospital Building, with tall monument-like massing of the bi-colored 7-story building, decorative pilasters and glass wall running the height of the building, and a symmetrical appearance, all of which are characteristics of the New Formalism style.

***P3b. Resource Attributes:** HP41. Medical Office Building
***P4. Resources Present:** ☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5b. Description of Photo: 275 Hospital Parkway, facing southwest

***P6. Date Constructed/Age and Source:**
☒ Historic ☐ Prehistoric
☐ Both 1974 (newspaper article)

***P7. Owner and Address:**
Kaiser Foundation Hospitals
One Kaiser Plaza Fl 15
Oakland CA 94612

P8. Recorded by: Becky Urbano, ESA

***P9. Date Recorded:** April 14, 2023

***P10. Survey Type:** intensive

***P11. Report Citation**: ESA, 2023. Kaiser Permanente San José Medical Center Project Historic Resources Evaluation Report. Prepared for Kaiser Foundation Hospitals. June 2023.

***Attachments:** ☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** 275 Hospital Parkway ***NRHP Status Code** 6z
Page 2 of 10

B1. Historic Name:
B2. Common Name: Building 6
B3. Original Use: medical office B4. Present Use: medical office
***B5. Architectural Style:** New Formalism
***B6. Construction History:**
1974 original construction;

***B7. Moved?** ☒ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:**

B9a. Architect: Ruth & Going b. Builder: F.A. Rossi Construction Company or the E.A. Hathaway Construction Company
***B10. Significance:** **Theme** community health **Area** San Jose
Period of Significance n/a **Property Type** medical office **Applicable Criteria** n/a

The building at 275 Hospital Parkway was constructed in 1974 to serve as a medical office building associated with the Santa Teresa Community Hospital. No historically associations with people, businesses, or events were uncovered during archival research. The building is recommended **not eligible** for listing on either the National Register of Historic Places (National Register) or the California Register of Historical Resources (California Register). Additionally, the building is recommended **not eligible** for consideration as a City of San Jose Landmark.

(See continuation sheet)

B11. Additional Resource Attributes: (List attributes and codes)
***B12. References:** (see continuation sheet)

B13. Remarks:

***B14. Evaluator:** Kathy Cleveland, ESA
***Date of Evaluation:** May 31, 2023.

***B10.Significance:**

The Kaiser SJMC, originally known as the Santa Teresa Community Medical Center, was constructed in 1974. Prior to that time the site was used for agricultural purposes. The Santa Teresa Ranch consisted of 10,000 acres and was deeded to Joaquin Bernal by Carlos III of Spain in 1769. Bernal had been sent to Mexican and California as a mining engineer and assayer, and for his services was provided a land grant. In 1834, Bernal (at 94 years old) petitioned the Mexican government to have his lands confirmed.[1]

Historic maps and aerial imagery provide an overview of the historical development of the project site. The earliest (1876) historic map of the area shows the project site as part of a 451.22-acre-parcel owned by Francisco Bernal. Francisco Bernal was the grandson of Jose Joaquin Bernal, the original recipient of the 9,647-acre Santa Teresa land grant. One building is shown in the project site near the north side of International Circle. The earliest U.S. Geological Survey topographic map from 1916 shows a building at that same location, with a dirt road leading from Cottle Road. The alignment of Santa Teresa Boulevard is also depicted on the 1916 map.

The earliest aerial image of the project site from 1948 shows it was primarily orchard land with a large farm complex in the southeast. The building and dirt roads on earlier images and maps are no longer depicted. The orchard and farm complex are also on the 1953, 1956, 1960 and 1968 aerial images.

The 1980 aerial image shows that the orchards had been cleared and the hospital complex was under development. A gas station is shown at the corner of Cottle Road and Santa Teresa Boulevard. Additional development is shown on the aerial images through the 1980s and early 1990s. By 2002, the entire SJMC had been constructed in its current configuration. American Medical International (AMI), Inc,, the developer and primary investor in the hospital, began in 1956 as a central medical laboratory in Los Angeles, and by 1966 had transitioned to investor-ownership in the hospital field. By 1974, AMI owned and operated 45 facilities (with 43 in the United States and two in Europe), with Santa Teresa Community Hospital representing the 46th hospital.[2]

Early hospital development was primarily government led, with private citizens primarily hiring private doctors and the poorer citizens relying on government provided care. World War II transformed health care nationwide, with both the Veterans Administration hospital managing a range of care for servicemembers and veterans and the exponential growth of private healthcare during and after the war. During the 4-year wage freeze of the war years, US companies began offering private health insurance as a benefit, which provided coverage to millions of works and reshaped the face of health care. Additionally, the introduction of Medicare and Medicaid in 1965 provided money for the care of the aged and the poor, respectively. The newly available funding allowed for expansion of both government and private hospitals to provide treatment for a significantly larger population than earlier generations.

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Ruth & Going

Leo W. Ruth, Jr. was a civil and mechanical engineer who co-founded Ruth & Going engineering firm with Edward Jackson Going, Jr. in 1960. Born in Santa Clara in 1917 (d. 2003), Ruth attended Santa Clara University and earned his civil and mechanical engineering degree in 1938. After being drafted into World War II in 1940, Ruth return to San José where he was employed as an

4 Ben Hawkins, Business Happenings, San José Mercury News; June 15, 1975, 91; Robert E. Mayfield, Engineers Save Ancient Tree, Engineers News; July 1971, 6. Available at: https://www.oe3.org/wp-content/uploads/2017/04/7-1971-july-engineers-news.pdf; *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

5 "New Hospital to be started next week," San José Mercury News; May 31, 1971, 29; "Hospital Target January '74," San José Mercury News; January 28, 1973.

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7 "Kaiser Permanente Santa Clara marks 50 years of "Thrive-ing."" July 8, 2014. https://patch.com/california/losgatos/kaiser-permanente-santa-clara-marks-50-years-of-thriveing_97f3f4fe

8 "Kaiser Foundation Buys Santa Teresa Hospital," San José Mercury News; October 2, 1976, 16.

9 City of San José, Draft Environmental Impact Report – Kaiser Santa Teresa Medical Center, June 1994; Western Aerial Photos, 1980.

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11 Geomatrix, Engineering Geological and Geotechnic Report Emergency Room Expansion Kaiser Santa Teresa Medical Center, prepared for Kaiser Foundation Health Plan, Inc., May 2001.

office engineer for the San José Department of Public Works as well as the firm James Waters & Associates (JWA). He worked at JWA for a decade before becoming a partner in the renamed Waters, Ruth and Going in 1956.[12] Going was born in 1928 in Houston, Texas (d. 2020) before moving to Santa Clara County in 1944 and attending Santa Clara University in 1949.[13] He joined the JWA firm directly after graduating, became partner in 1952, and formed Waters, Ruth and Going in 1956; and then four years later in 1960 established Ruth & Going when James Waters retired. Ruth and Going retired from the firm in 1983 and 1984, respectively.[14] Projects attributed to Ruth & Going include the Santa Teresa General Hospital, the 8,000 seat University of Santa Clara Buck Shaw Stadium, and the Villages Adult Residential Complex in San José.[15]

In 1990, Ruth was part of the inaugural class of the Silicon Valley Engineering Council (SVEC) Hall of Fame. Established in 1989, the SVEC is a "cooperative educational association of local engineering and technical societies" formed to promote engineering throughout the valley and Greater Bay Area. Ruth was nominated in recognition of his professional and personal merit as a member of numerous local organizations.[16] In 1993, the Santa Clara University School of Engineering bestowed its highest honor on Going by presenting him with the Distinguished Engineering Alumni Award in recognition of his accomplishments, both in his profession, his community, and in service to the University.[17]

Archival review uncovered little information outside some biographical and professional information about William Bender. Per newspaper review, he was employed by Ruth & Going as early as 1962 and became a senior vice president of structural engineering at Ruth & Going in 1981.[18] MacLaren was born in New Jersey in 1935, attended Stanford University from 1954 to 1958 before joining the U.S. Navy from 1959 to 1963. From 1969 through 1973 he worked as an architect at Ruth & Going before relocating to Mendocino to start a new career in retail.[19]

E.A. Hathaway Construction Company

E.A. Hathaway Construction is one of the oldest commercial construction firms in Northern California. The company was founded by Ernest A. Hathaway, who moved to Santa Clara County from Oregon in 1923 to establish a construction company. In Oregon, Hathaway had been building docks, railroad facilities, and other industrial structures. During the slow period of the Great Depression, Hathaway worked out of his home, remodeling older structures in downtown San José and building small commercial buildings in Santa Clara Valley.[20] After his son Ron returned home from World War II, Ron joined the family business and eventually took over as president in 1954, two years prior to Ernest's death in 1956.[21] Among the buildings attributed to E.A.

12 Journal of the Senate, Legislature of the State of California, 1959, Advisory Committee: Leo W Ruth Jr. Available at: https://www.google.com/books/edition/Journal_of_the_Senate_Legislature_of_the/W5ff--0pzCwC?hl=en&gbpv=0.

13 E. Jackson Going, Jr. Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

14 Engineers Joint Council, 1995, Who's who in Engineering, American Association of Engineering Societies, Engineers Joint Council; University of Michigan. Available at: https://www.google.com/books/edition/Who_s_who_in_Engineering/t4RUAAAAMAAJ?hl=en&gbpv=0

15 Santa Clara to Construct New Stadium, The Californian, April 27, 1962, 14; SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

16 SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

17 E Jackson Going Jr Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

18 "Builders at Work," San José Mercury News, November 21, 1962, 11; "People," San José Mercury News, September 4, 1981, 111.

19 "Frank Hazen "Skip" MacLaren Obituary," 2017. Available at: https://stanfordmag.org/contents/obituaries-july-2017.

20 "After a century of good work, Hathaway Dinwiddie keeps that family feeling going," The Northern California Carpenter. Available at: https://docplayer.net/58435393-Carpenter-sisters-support-habitat-in-stockton-hathaway-dinwiddie-it-s-still-a-family-operation-time-to-build-your-401-k-northern-california.html.

21 Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

Hathaway Construction Company are the Santa Teresa Community Hospital, downtown San José's Wells Fargo Bank and PG&E buildings, the 1.8 million-square-foot Safeway distribution center in San José, and NASA's Ames Flight Center in Mountain View.[22]

Character-defining features of New Formalism include:[23]

- Symmetrical plan
- Monumental in size and appearance
- Flat roofs with heavy overhanging roof slab
- Full-height columns of steel or concrete connecting the roof slab to the site
- Colonnade of stylized full-height columnar supports
- Repeating arches or rounded openings
- Cast stone or concrete block screens
- Building tower set back from the street in a landscaped plaza
- Building expressed as tower of steel
- Presence of stylized ornamentation
- Smooth wall surfaces

Evaluation

Building 6 at 275 Hospital Parkway is evaluated first within the criteria of the National and California registers. Because the criteria are nearly identical, they are evaluated for both registers simultaneously. A discussion regarding City of San José criteria is presented after.

Criterion A/1 (Events)

Building 6 at 275 Hospital Parkway was constructed between 1971 and 1973, opening in January 1974 as a medical office building associated with the Santa Teresa Community Hospital. The Santa Teresa Community Hospital was constructed to serve the surrounding community of South San José, with the local homeowners group in favor of the proposed project. AMI developed the hospital facility as a "total concept" multi-service medical center, their third such facility nationwide of AMI's 20 previously constructed hospital facilities. In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital, following the opening the Kaiser Permanent Santa Clara hospital in 1964. Following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits.

While Building 6 provided an important service meeting the medical needs of the population of South San José, it does not appear to have been historically significant for its associations with the development of San José during the later decades of the 20th century. Research about the building did not reveal any particularly significant associations connecting the facility with the development of San José, but rather it functioned as a typical medical office building. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the building is associated with community medical services, but this association does not appear to

22 "Dinwiddie Construction Changes Hands," Kenneth Howe, October 9, 1996. Available at: https://www.sfchronicle.com/business/article/Dinwiddie-Construction-Changes-Hands-2963493.php; Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

23 Past Consultants, LLC, *San José Modernism: Historic Context* Statement, June 2009, 82.

rise to the level where it could be considered important within the historic context. It was one of many medical office buildings constructed throughout the history of San José in the latter half of the 20th century. Because Building 6 at 275 Hospital Parkway does not appear to be historically significant within the context of 20th century hospital development in San José, it is recommended not eligible for listing as an individual resource on the National or the California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2 (People)

Archival research did not reveal any significant persons associated with Building 6 at 275 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Building 6. Therefore, Building 6 at 275 Hospital Parkway is recommended not eligible for listing as an individual resource on the National or California Registers under Criterion B/2 for its association with historically significant persons.

Criterion C/3 (Design)

Building 6 at 275 Hospital Parkway is an example of New Formalism within a medical office setting. Similar to the MHB, Building 6 has a tall monument-like massing with the bi-colored 7-story building, decorative pilasters and glass wall running the height of the building, and a symmetrical appearance, all of which are characteristics of the New Formalism style. While possessing recognizable characteristics of the New Formalism style, the building does not embody the style, nor does it possess high artistic value. Additionally, the building does not appear to represent the work of a master Neither William H. Bender, a structural engineer, nor F. Hazen “Skip” MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project. Additionally, no individual associated with either the F.A. Rossi Construction Company nor the E.A. Hathaway Construction Company appear to have achieved professional acclaim for association with the construction of Building 6 or the Santa Teresa Community Hospital. As such, Building 6 at 275 Hospital Parkway is recommended not eligible for listing as individual resource on the National or California registers under Criterion C/3 for its design.

Criterion D/4 (Information Potential)

Criterion D/4 is most typically applied to archaeological sites. As applied to buildings and structures, it is necessary for the building or structure to have been a principal source of information that could not be gathered from other sources nearby or elsewhere. Building 6 at 275 Hospital Parkway is constructed of common materials using standard building techniques. The building is unlikely to provide additional information on its construction methods, the history of San José, or hospital design and construction. As such, Building 6 at 275 Hospital Parkway is recommended not eligible for listing on the National or California registers under Criterion D/4 for its information potential.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because Building 6 at 275 Hospital Parkway is not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory)

1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

Building 6 at 275 Hospital Parkway does not represent the character of San José. Its value was as a medical office building associated with a local hospital in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the building. Rather it was one of many medical office buildings constructed during the postwar period in San José to address the needs of the growing population and does not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

Research does not suggest that Building 6 at 275 Hospital Parkway was the location of a significant historical event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

Archival research did not reveal any significant persons associated with Building 6 at 275 Hospital Parkway. No specific individual within Santa Teresa Hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Building 6.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

Building 6 at 275 Hospital Parkway does not appear to exemplify a particular cultural, social, or historic heritage with the City of San José. It served as a medical office building for a community hospital in South San José for many years but does not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

There is no specific overall style or distinctive character to Building 6 at 275 Hospital Parkway that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

Building 6 at 275 Hospital Parkway is an example of New Formalism within a medical office setting. The building's monument-like arrangement with the 7-story massing, decorative pilasters and glass wall running the height of the building, and symmetrical appearance are all characteristics of the New Formalism style. While possessing recognizable characteristics of the New Formalism style, the building does not embody the style, but is rather a typical example of the style within a medical office context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

Neither William H. Bender, a structural engineer, nor F, Hazen "Skip" MacLaren, a principal architect of Ruth & Going, appear to reflect the professional acclaim that would indicate master status in their craft. Archival research indicated little specific information about Bender, and MacLaren left the architectural field soon after completing the Santa Teresa Community Hospital project.

8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

The architectural design of Building 6 at 275 Hospital Parkway does not represent a significant architectural innovation, but rather is a typical example of New Formalism within a medical office setting.

Conclusions

As Building 6 at 275 Hospital Parkway does not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends it ineligible for listing under national, state, or local criteria.

***B12. References:**

City of San José, Draft Environmental Impact Report – Kaiser Santa Teresa Medical Center, June 1994; Western Aerial Photos, 1980.

Engineers Joint Council, 1995, Who's who in Engineering, American Association of Engineering Societies, Engineers Joint Council; University of Michigan. Available at: https://www.google.com/books/edition/Who_s_who_in_Engineering/t4RUAAAAMAAJ?hl=en&gbpv=0

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Journal of the Senate, Legislature of the State of California, 1959, Advisory Committee: Leo W Ruth Jr. Available at: https://www.google.com/books/edition/Journal_of_the_Senate_Legislature_of_the/W5ff--0pzCwC?hl=en&gbpv=0.

Kaiser Foundation Health Plan, Inc., May 2001.

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Survey LA. Los Angeles Citywide Historic Context Statement – Context - Architecture and Engineering – Sub-context: LA Modernism, 1919-1980, 190. Available at: https://planning.lacity.org/odocument/4f67bd39-631a-4f26-9a52-cd5809a66655/LA_Modernism_1919-1980.pdf.

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Newspaper/Journal Articles

Ben Hawkins, Business Happenings, San José Mercury News; June 15, 1975, 91;

"After a century of good work, Hathaway Dinwiddie keeps that family feeling going," The Northern California Carpenter. Available at: https://docplayer.net/58435393-Carpenter-sisters-support-habitat-in-stockton-hathaway-dinwiddie-it-s-still-a-family-operation-time-to-build-your-401-k-northern-california.html.

"Builders at Work," San José Mercury News, November 21, 1962, 11; "People," San José Mercury News, September 4, 1981, 111.

"Dinwiddie Construction Changes Hands," Kenneth Howe, October 9, 1996. Available at: https://www.sfchronicle.com/business/article/Dinwiddie-Construction-Changes-Hands-2963493.php; Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

"E Jackson Going Jr Obituary", 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

"Frank Hazen "Skip" MacLaren Obituary," 2017. Available at: https://stanfordmag.org/contents/obituaries-july-2017.

"Groundbreaking set today for Santa Teresa Hospital," San José Mercury News, June 23, 1971, 17.

"Kaiser Foundation Buys Santa Teresa Hospital," San José Mercury News; October 2, 1976, 16.

"New Hospital to be started next week," San José Mercury News; May 31, 1971, 29; "Hospital Target January '74," San José Mercury News; January 28, 1973.

Robert E. Mayfield, *Engineers Save Ancient Tree*, Engineers News; July 1971, 6. Available at: https://www.oe3.org/wp-content/uploads/2017/04/7-1971-july-engineers-news.pdf;

"Ron Hathaway Obituary", January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

"Santa Clara to Construct New Stadium", The Californian, April 27, 1962, 14;

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary
HRI #
Trinomial
NRHP Status Code

Other Listings
Review Code Reviewer Date

Page 1 of 10 ***Resource Name or #:** 280 Hospital Parkway
P1. Other Identifier: Medical Office Buildings A-D
***P2. Location:** ☐ **Not for Publication** ☐ **Unrestricted**
***a. County** Santa Clara
***b. USGS 7.5' Quad** Santa Teresa Hills **Date** 1980 **T 8S** ; **R 2E** ; ¼ **of** ¼ **of Sec** ; **B.M.**
c. Address 280 Hospital Parkway City San Jose Zip
d. UTM: Zone , mE/ mN; NAD 83
e. Other Locational Data:
APN 706-05-017

***P3a. Description:**

280 Hospital Parkway is a collection of four one-story medical office buildings built in 1978, located on a 2.36-acre parcel (APN 706-05-017) in the southwestern quadrant of the inner core of the hospital campus encircled by International Circle. All four buildings (A-D) are stylistically similar and are surrounded by landscaping as well as surface parking lots that are present to the south, east, and west, and a parking garage to the north. Each building measures 100 by 100 feet, with a square footprint and hipped roof with boxed overhangs supported by large concrete pillars concentrated at the building corners and more widely dispersed along the sides of the building. Buildings A-D are constructed of concrete and largely lack architectural distinction. The largely blank facades are clad in smooth stucco and punctuated by aluminum-framed windows.

***P3b. Resource Attributes:** HP41. Medical Office Building
***P4. Resources Present:** ☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5b. Description of Photo: 275 Hospital Parkway, facing southwest

***P6. Date Constructed/Age and Source:**
☒ Historic ☐ Prehistoric
☐ Both 1978 (historic City building permit)

***P7. Owner and Address:**
Kaiser Foundation Hospitals
One Kaiser Plaza Fl 15
Oakland CA 94612

P8. Recorded by: Becky Urbano, ESA

***P9. Date Recorded:** April 14, 2023

***P10. Survey Type:** intensive

***P11. Report Citation**: ESA, 2023. Kaiser Permanente San José Medical Center Project Historic Resources Evaluation Report. Prepared for Kaiser Foundation Hospitals. June 2023.

***Attachments:** ☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** 280 Hospital Parkway ***NRHP Status Code** 6z

B1. Historic Name:
B2. Common Name: Buildings A-D
B3. Original Use: medical office B4. Present Use: medical office
***B5. Architectural Style:** Corporate
***B6. Construction History:**
1974 original construction;

***B7. Moved?** ☒ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:**

B9a. Architect: unknown b. Builder: unknown
***B10. Significance:** **Theme** community health **Area** San Jose
Period of Significance n/a **Property Type** medical office **Applicable Criteria** n/a

Buildings A-D at 280 Hospital Parkway were constructed between 1977 and 1979 to serve as a medical office buildings associated with the Santa Teresa Community Hospital. No historically associations with people, businesses, or events were uncovered during archival research. The buildings are recommended **not eligible** for listing on either the National Register of Historic Places (National Register) or the California Register of Historical Resources (California Register). Additionally, the buildings are recommended **not eligible** for consideration as a City of San Jose Landmark.

(See continuation sheet)

B11. Additional Resource Attributes: (List attributes and codes)
***B12. References:** (see continuation sheet)

B13. Remarks:

***B14. Evaluator:** Kathy Cleveland, ESA
***Date of Evaluation:** May 31, 2023.

***B10.Significance:**

The Kaiser SJMC, originally known as the Santa Teresa Community Medical Center, was constructed in 1974. Prior to that time the site was used for agricultural purposes. The Santa Teresa Ranch consisted of 10,000 acres and was deeded to Joaquin Bernal by Carlos III of Spain in 1769. Bernal had been sent to Mexican and California as a mining engineer and assayer, and for his services was provided a land grant. In 1834, Bernal (at 94 years old) petitioned the Mexican government to have his lands confirmed.[1]

Historic maps and aerial imagery provide an overview of the historical development of the project site. The earliest (1876) historic map of the area shows the project site as part of a 451.22-acre-parcel owned by Francisco Bernal. Francisco Bernal was the grandson of Jose Joaquin Bernal, the original recipient of the 9,647-acre Santa Teresa land grant. One building is shown in the project site near the north side of International Circle. The earliest U.S. Geological Survey topographic map from 1916 shows a building at that same location, with a dirt road leading from Cottle Road. The alignment of Santa Teresa Boulevard is also depicted on the 1916 map.

The earliest aerial image of the project site from 1948 shows it was primarily orchard land with a large farm complex in the southeast. The building and dirt roads on earlier images and maps are no longer depicted. The orchard and farm complex are also on the 1953, 1956, 1960 and 1968 aerial images.

The 1980 aerial image shows that the orchards had been cleared and the hospital complex was under development. A gas station is shown at the corner of Cottle Road and Santa Teresa Boulevard. Additional development is shown on the aerial images through the 1980s and early 1990s. By 2002, the entire SJMC had been constructed in its current configuration. American Medical International (AMI), Inc,, the developer and primary investor in the hospital, began in 1956 as a central medical laboratory in Los Angeles, and by 1966 had transitioned to investor-ownership in the hospital field. By 1974, AMI owned and operated 45 facilities (with 43 in the United States and two in Europe), with Santa Teresa Community Hospital representing the 46th hospital.[2]

Early hospital development was primarily government led, with private citizens primarily hiring private doctors and the poorer citizens relying on government provided care. World War II transformed health care nationwide, with both the Veterans Administration hospital managing a range of care for servicemembers and veterans and the exponential growth of private healthcare during and after the war. During the 4-year wage freeze of the war years, US companies began offering private health insurance as a benefit, which provided coverage to millions of works and reshaped the face of health care. Additionally, the introduction of Medicare and Medicaid in 1965 provided money for the care of the aged and the poor, respectively. The newly available funding allowed for expansion of both government and private hospitals to provide treatment for a significantly larger population than earlier generations.

AMI hired Ruth and Going, an engineering, planning, and architecture firm in San José, to design the hospital complex. The main building plans were signed off by William H. Bender, a structural engineer for Ruth and Going, with F Hazen “Skip” MacLaren acting as principal architect for the project.[3] F.A. Rossi Construction Company of Los Angeles began construction of the project in

1 *Santa Teresa Community Hospital Dedication pamphlet*, n.d. Santa Teresa Community Hospital Folder at San José Library California Room.

2 Ibid.

3 Ruth & Going, Santa Teresa Community Hospital – As Built Drawings; “Groundbreaking set today for Santa Teresa Hospital,” San José Mercury News, June 23, 1971, 17.

1971, with the majority of the work completed by E.A. Hathaway Construction Company of San José at a cost $9 million of the $30 million total for the medical complex.[4]

Both the Main Hospital and Building 6 were completed by January 1974, with plans for future growth including emergency facilities, medical and commercial offices, employee housing, as well as a motel, drug store, bank, and other commercial stores.[5] The Y-shape of the tower was designed to provide efficient patient care, replacing the older, long, single corridor model with multiple shorter corridors extending out from the central core. The central core housed nursing stations, supply areas, and reception, allowing for more efficient care.[6]

In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital for an undisclosed amount. This was Kaiser's second hospital in Santa Clara County, following the construction of the Kaiser Santa Clara Hospital on Kaiser Drive off Kiely Boulevard in 1964. [7] The purchase of the Santa Teresa Hospital was described as including the eight-story hospital (Main Hospital), eight story medical office (Building 6), a two-story parking structure, and 61-acre site.[8] By 1979, the four medical office Buildings A-D at 280 International Circle had been constructed, and a review of aerial photographs from 1980 shows full development within International Circle.[9]

Over the following twenty years, the area surrounding International Circle developed similarly to the original proposed campus design, with parking lots and structures, as well as medical and commercial offices. In 1979 and 1984 the zoning was changed to allow for greater building density and flexibility for Kaiser's eventual campus build out.[10] Review of historic aerials show development extending counterclockwise from the southeast around International Circle, with medical offices and surface parking slowly filling in the campus by 1998.

In 2003, the Main Hospital building was expanded north and west to include a 17,700-sf emergency room extending westward to Building 6 (275 Hospital Parkway). The one-story expansion consisted of a one-story steel brace framed building with a rectangular footprint, measuring 218 by 60 feet along the northern side of the building, with a triangular addition extending 40 feet on the western side of the building connecting to Building 6.[11]

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Archival review uncovered little information outside some biographical and professional information about William Bender. Per newspaper review, he was employed by Ruth & Going as early as 1962 and became a senior vice president of structural engineering at Ruth & Going in 1981.[18] MacLaren was born in New Jersey in 1935, attended Stanford University from 1954 to 1958 before joining the U.S. Navy from 1959 to 1963. From 1969 through 1973 he worked as an architect at Ruth & Going before relocating to Mendocino to start a new career in retail.[19]

E.A. Hathaway Construction Company

E.A. Hathaway Construction is one of the oldest commercial construction firms in Northern California. The company was founded by Ernest A. Hathaway, who moved to Santa Clara County from Oregon in 1923 to establish a construction company. In Oregon, Hathaway had been building docks, railroad facilities, and other industrial structures. During the slow period of the Great Depression, Hathaway worked out of his home, remodeling older structures in downtown San José and building small commercial buildings in Santa Clara Valley.[20] After his son Ron returned home from World War II, Ron joined the family business and eventually took over as president in 1954, two years prior to Ernest's death in 1956.[21] Among the buildings attributed to E.A.

12 Journal of the Senate, Legislature of the State of California, 1959, Advisory Committee: Leo W Ruth Jr. Available at: https://www.google.com/books/edition/Journal_of_the_Senate_Legislature_of_the/W5ff--0pzCwC?hl=en&gbpv=0.

13 E. Jackson Going, Jr. Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

14 Engineers Joint Council, 1995, Who's who in Engineering, American Association of Engineering Societies, Engineers Joint Council; University of Michigan. Available at: https://www.google.com/books/edition/Who_s_who_in_Engineering/t4RUAAAAMAAJ?hl=en&gbpv=0

15 Santa Clara to Construct New Stadium, The Californian, April 27, 1962, 14; SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

16 SVEC, n.d. Hall of Fame: Mr. Leo W. Ruth, 1990. Available at: https://www.svec.org/hall-of-fame/.

17 E Jackson Going Jr Obituary, 2020. Available at: https://www.tributearchive.com/obituaries/10442598/E-Jackson-Going-Jr.

18 "Builders at Work," San José Mercury News, November 21, 1962, 11; "People," San José Mercury News, September 4, 1981, 111.

19 "Frank Hazen "Skip" MacLaren Obituary," 2017. Available at: https://stanfordmag.org/contents/obituaries-july-2017.

20 "After a century of good work, Hathaway Dinwiddie keeps that family feeling going," The Northern California Carpenter. Available at: https://docplayer.net/58435393-Carpenter-sisters-support-habitat-in-stockton-hathaway-dinwiddie-it-s-still-a-family-operation-time-to-build-your-401-k-northern-california.html.

21 Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

Hathaway Construction Company are the Santa Teresa Community Hospital, downtown San José's Wells Fargo Bank and PG&E buildings, the 1.8 million-square-foot Safeway distribution center in San José, and NASA's Ames Flight Center in Mountain View.[22]

Corporate Architecture Context (1949-1975)

Corporate Architecture, also referred to as Corporate International style or Corporate Modernism, is a derivative of postwar Modernism that primarily applied to large-scale commercial office buildings and government facilities. It was the dominant mode of corporate architecture between the 1950s and 1970s and reflected the postwar economic growth and the increasing importance of American corporations, showcasing how these entities "sought to position themselves as agents of modernity, technology, and progress."[23] The "suburbanization of corporate headquarters" began in the mid-20th century when large corporations such as IBM moved out of the city centers and closer to the senior executives.[24] Typical elements included low-rise buildings surrounded by parking lots and landscaping, with larger complexes often having a parklike setting with large scale public art or, in the case of John Deere, large-scale products on display.[25] The corporate campus or estate model were generally large complexes of buildings within a landscaped, park-like setting, where "the site planning, automobile approaches, visitor entrances, employee parking lots, and service docks all exemplified the functionalism of mid-20th century Modernism."[26] The office park, while including many of the same elements as the corporate campus or estate, was more modest in scale notably with regards to their setting. Office parks still provided the necessary building facilities with ample parking and some amount of landscaping, but not to the scale of a park-like setting. As described by one historian, "created by speculative real estate developers in the 1950s, the office park provided a lower cost, flexible alternative to the corporate campus and estate." [27]

Character-defining features of Corporate Architecture include:[28]

- Large rectangular massing
- Flat or low-pitched roofs
- Steel or concrete structure as primary expression of the building
- Horizontal bands of windows set within the structural module
- Alternate design of large concrete volume with little or no fenestration
- Building tower set back from the street in a landscaped plaza
- Tower frequently set atop a multi-story base framed by plain concrete or steel columns
- Overall absence of applied ornamentation, with the exception of corporate advertisement signs mounted directly to building

22 "Dinwiddie Construction Changes Hands," Kenneth Howe, October 9, 1996. Available at: https://www.sfchronicle.com/business/article/Dinwiddie-Construction-Changes-Hands-2963493.php; Ron Hathaway Obituary, January 28, 1999. Available at: https://www.sfgate.com/news/article/Ron-Hathaway-2950131.php.

23 Survey LA. Los Angeles Citywide Historic Context Statement – Context Architecture and Engineering – Sub-context: LA Modernism, 1919-1980. Available at: https://planning.lacity.org/odocument/4f67bd39-631a-4f26-9a52-cd5809a66655/LA_Modernism_1919-1980.pdf.

24 The Cultural Landscape Foundation, *Corporate Office Park*, no date. Available at: https://www.tclf.org/category/designed-landscape-types/corporate-office-park, accessed February 16, 2022.

25 Ibid.

26 Ibid.

27 Mozingo, Lousie, *Pastoral Capitalism: A History of Suburban Corporate Landscapes*, 2012. Available at: https://frameworks.ced.berkeley.edu/tag/pastoral-capitalism-a-history-of-suburban-corporate-landscapes/, accessed February 16, 2022.

28 Past Consultants, LLC. *San José Modernism: Historic Context Statement*, June 2009, 80.

Evaluation

As described above, due to their similar design, age, and function, Buildings A-D were evaluated as a single resource. Buildings A-D at 280 Hospital Parkway are evaluated first within the criteria of the National and California registers. Because the criteria are nearly identical, they are evaluated for both registers simultaneously. A discussion regarding City of San José Landmark criteria is presented after.

Criterion A/1 (Events)

Buildings A-D at 280 Hospital Parkway were constructed in 1978[29], as additional medical office buildings associated with the Santa Teresa Community Hospital. The Santa Teresa Community Hospital was constructed to serve the surrounding community of South San José, with the local homeowners group in favor of the proposed project. AMI developed the hospital facility as a "total concept" multi-service medical center, their third such facility nationwide of AMI's 20 previously constructed hospital facilities. In October 1976, the Kaiser Foundation Hospital announced its plans to purchase the Santa Teresa Community Hospital, following the opening the Kaiser Permanent Santa Clara hospital in 1964. Following the end of World War II and the subsequent population boom in the Bay Area, over a dozen hospitals were constructed in Santa Clara County between 1953 and 1991. The majority of these were constructed prior to 1971, and a majority were constructed within the San José city limits.

While Buildings A-D provided an important service meeting the medical needs of the population of South San José, they do not appear to have been historically significant for their associations with the development of San José during the later decades of the 20th century. Research about the buildings did not reveal any particularly significant associations connecting the buildings with the development of San José, but rather they functioned as typical medical office buildings. For an association with historic events and patterns to be historically significant, National Register Bulletin 15 states that "a property must be associated with one or more events important in the defined historic context…the event or trends, however, must clearly be important within the associated context." Within the context of 20th century development in San José, the buildings are associated with community medical services, but this association does not appear to rise to the level where it could be considered important within the historic context. They are just some of the many medical office buildings constructed throughout the history of San José in the late 20th century. Because Buildings A-D at 280 Hospital Parkway do not appear to be historically significant within the context of 20th century medical development in San José, they are recommended not eligible for listing as an individual resource on the National or the California registers under Criterion A/1 for its association with 20th century development in San José.

Criterion B/2 (People)

Archival research did not reveal any significant persons associated with Buildings A-D at 280 Hospital Parkway. No specific individual within Santa Teresa hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Buildings A-D. Therefore, Buildings A-D at 280 Hospital Parkway are recommended not eligible for listing as an individual resource on the National or California Registers under Criterion B/2 for its association with historically significant persons.

Criterion C/3 (Design)

Buildings A-D at 280 Hospital Parkway is an example of Corporate Architecture within a medical office setting. Buildings A-D have low horizontal massing, low-pitched hipped roofs, large volumes of concrete with little fenestration, are positioned within a landscaped plaza, and lack ornamentation, all of which are characteristics of the Corporate Architecture style. While possessing recognizable characteristics of the Corporate Architecture style, the buildings do not embody the style, nor do they possess high artistic value. Additionally, the buildings do not appear to represent the work of a master. Archival research did not reveal any specific architect or builder associated with the buildings at 280 Hospital Parkway. As such, Buildings A-D at 280 Hospital Parkway are recommended not eligible for listing as an individual resource on the National or California registers under Criterion C/3 for its design.

[29] Building permit issued October 10, 1978. San Jose Building Permit database, https://portal.sanjoseca.gov/deployed/sfjsp

Criterion D/4 (Information Potential)

Criterion D/4 is most typically applied to archaeological sites. As applied to buildings and structures, it is necessary for the building or structure to have been a principal source of information that could not be gathered from other sources nearby or elsewhere. The Buildings A-D at 280 Hospital Parkway are constructed of common materials using standard building techniques. The buildings are unlikely to provide additional information on its construction methods, the history of San José, or hospital design and construction. As such, Buildings A-D at 280 Hospital Parkway are recommended not eligible for listing on the National or California registers under Criterion D/4 for its information potential.

Integrity

An assessment of integrity is necessary if the resource is found to be historically significant under one or more criteria for listing on the National or California registers. Because Buildings A-D at 280 Hospital Parkway are not recommended eligible under any criteria, a further assessment of integrity is not required.

City Landmark Criteria (City of San José Historic Resources Inventory)

1. 1. Its character, interest, or value as part of the local, regional, state, or national history, heritage for culture;

Buildings A-D at 280 Hospital Parkway do not represent the character of San José. Their value was as medical office buildings associate with a local hospital in South San José during the late-20th century, but archival review did not reveal any significant heritage or cultural importance of the buildings. Rather, they were some of many medical office buildings constructed during the postwar period in San José to address the needs of the growing population and do not appear to be significant under this criterion.

2. Its location as a site of a significant historic event;

Research did not suggest that Buildings A-D at 280 Hospital Parkway were the location of a significant historical event.

3. Its identification with a person or persons who significantly contributed to the local, regional, state, or national culture and history;

Archival research did not reveal any significant persons associated with Buildings A-D at 280 Hospital Parkway. No specific individual within Santa Teresa Hospital administration, AMI, or Kaiser Foundation Hospitals was determined to have achieved significance for their association with Buildings A-D.

4. Its exemplification of the cultural, economic, social, or historic heritage of the city of San José;

Buildings A-D at 280 Hospital Parkway do not appear to exemplify a particular cultural, social, or historic heritage with the City of San José. They served as medical office buildings for a community hospital in South San José for many years but do not represent a particular group, period, or aspect of life in San José that is historically important.

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

There is no specific overall style or distinctive character to Buildings A-D at 280 Hospital Parkway that is associated with the environment of a group of people.

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

Buildings A-D at 280 Hospital Parkway is an example of Corporate Architecture within a medical office setting. The buildings' low horizontal massing, low-pitched hipped roofs, large volumes of concrete with little fenestration, positioning within a landscaped plaza, and general lack of ornamentation are all characteristics of Corporate Architecture. While possessing recognizable characteristics of the style, the building does not embody the style, but is rather a typical example of the style within a medical office context.

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the city of San José; and

Archival research failed to indicate any significant persons associated with Buildings A-D at 280 Hospital Parkway.

8. Its embodiment of the elements of architectural or engineering design, detail, materials, or craftsmanship which represents a significant architectural innovation, or which is unique.

The architectural design of Buildings A-D at 280 Hospital Parkway do not represent a significant architectural innovation, but rather are a typical example of Corporate Architecture within a medical office setting.

Conclusions

As Buildings A-D at 280 Hospital Parkway do not meet any of the National Register, California Register, or City of San José Landmark criteria, ESA recommends them as ineligible for listing under national, state, or local criteria.

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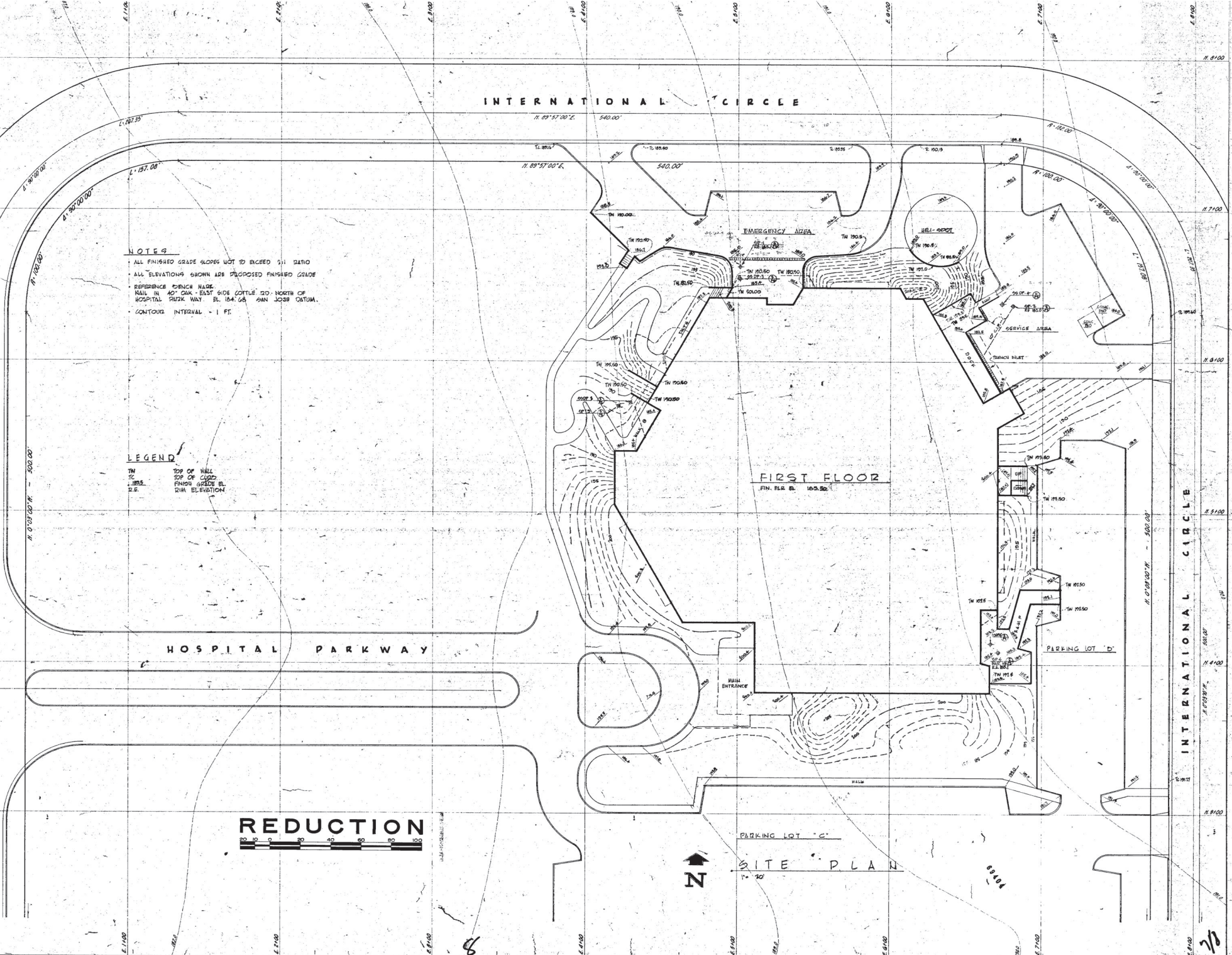
Appendix B

Main Hospital Building (250 Hospital Parkway) Select Original Building Plans



revisions

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ROUGH GRADING PLAN

SANTA TERESA COMMUNITY HOSPITAL
san jose, california

GEORGE A. GREENE CO.
consulting engineers
871 east hamilton avenue
campbell, ca, 95008, (408) 371-0933

ACKERMAN ENGINEERS
professional engineers
318 lytton avenue
pale alto, ca, 94301 (415) 326-7768

leo w. ruth, jr. c.e.-m.e.
e. jackson going, jr. c.e.
william h. bender s.e.
harry n. lalor c.e.
f. hazen maclaren, a.i.a.
architect

RUTH AND GOING
engineering • planning • architecture
INC.
919 the alameda • san jose • california 95126 (408) 297-8273

SANTA TERESA COMMUNITY HOSPITAL
AMERICAN MEDICAL ENTERPRISES, INC.
cottle road and santa teresa blvd. • san jose, california

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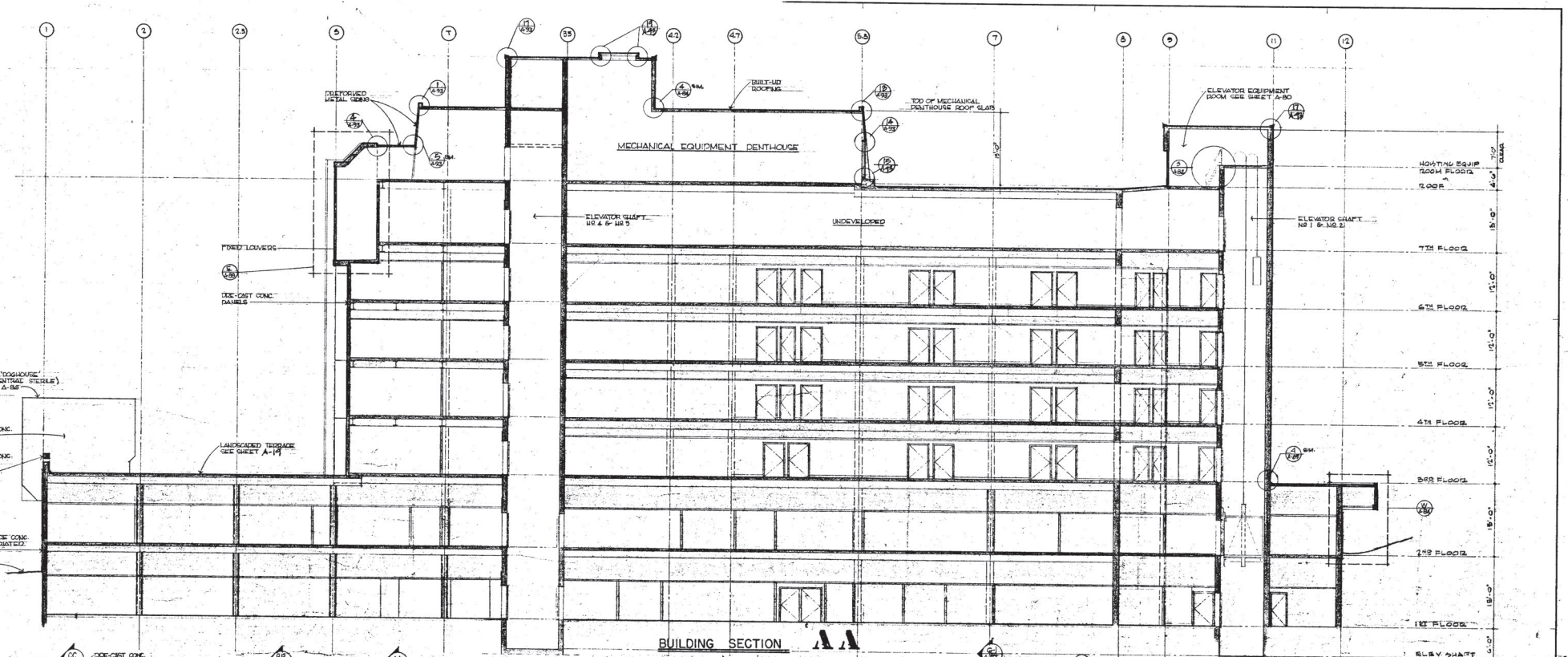

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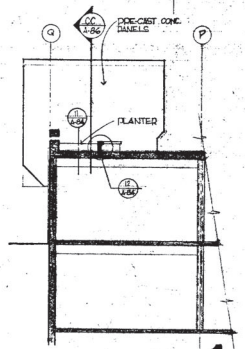

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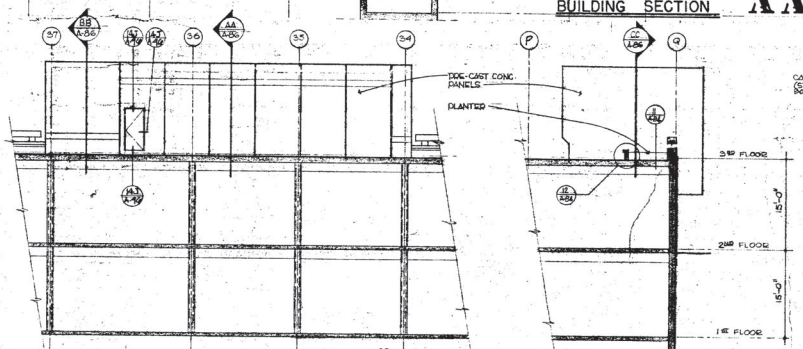
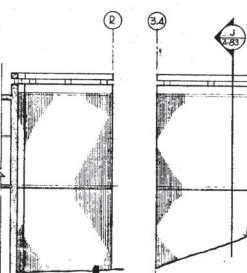


TERRACE LEVEL ELEVATION 2

MECHANICAL 'DOG HOUSE' 3
END WALL ELEV.



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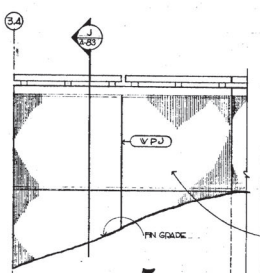

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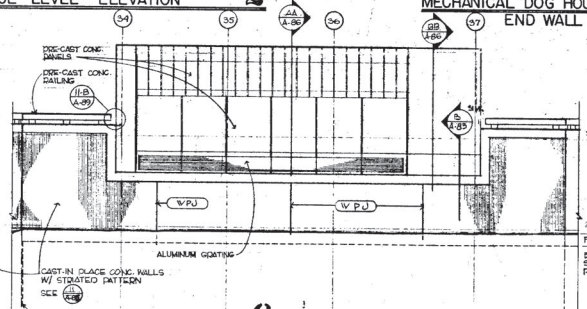

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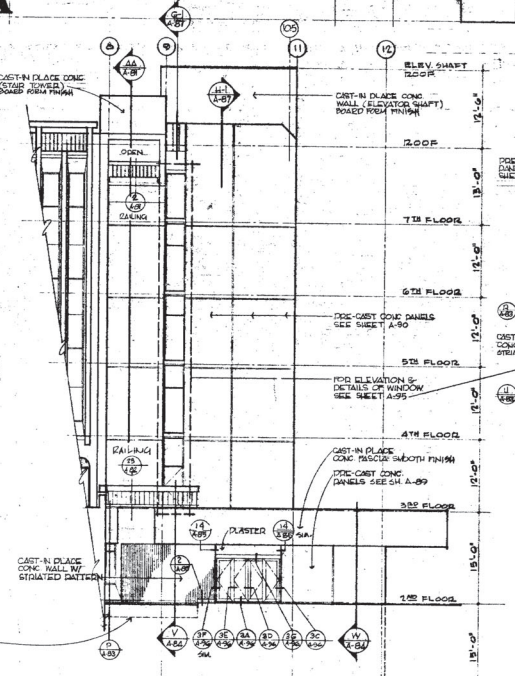

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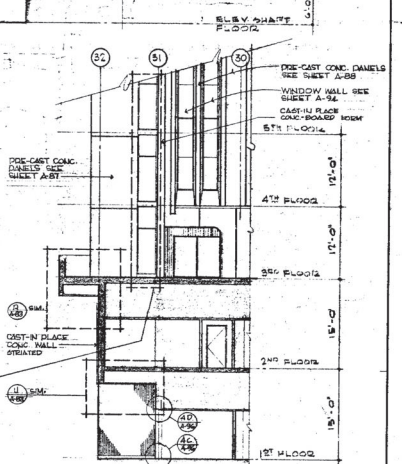

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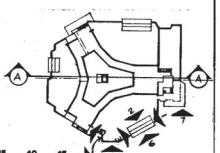

KEY PLAN

EXTERIOR ELEVATIONS & SECTIONS

EXTERIOR BUILDING ELEVATIONS & SECTIONS

SANTA TERESA COMMUNITY HOSPITAL

san jose, california

7/1/72

mark	date	by	description

revisions

GEORGE A. GREENE CO.
consulting engineers
871 east hamilton avenue
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leo w. ruth, jr. c.e.-m.e.
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AMERICAN MEDICAL ENTERPRISES, INC.
cottle road and

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checked: R. ATH

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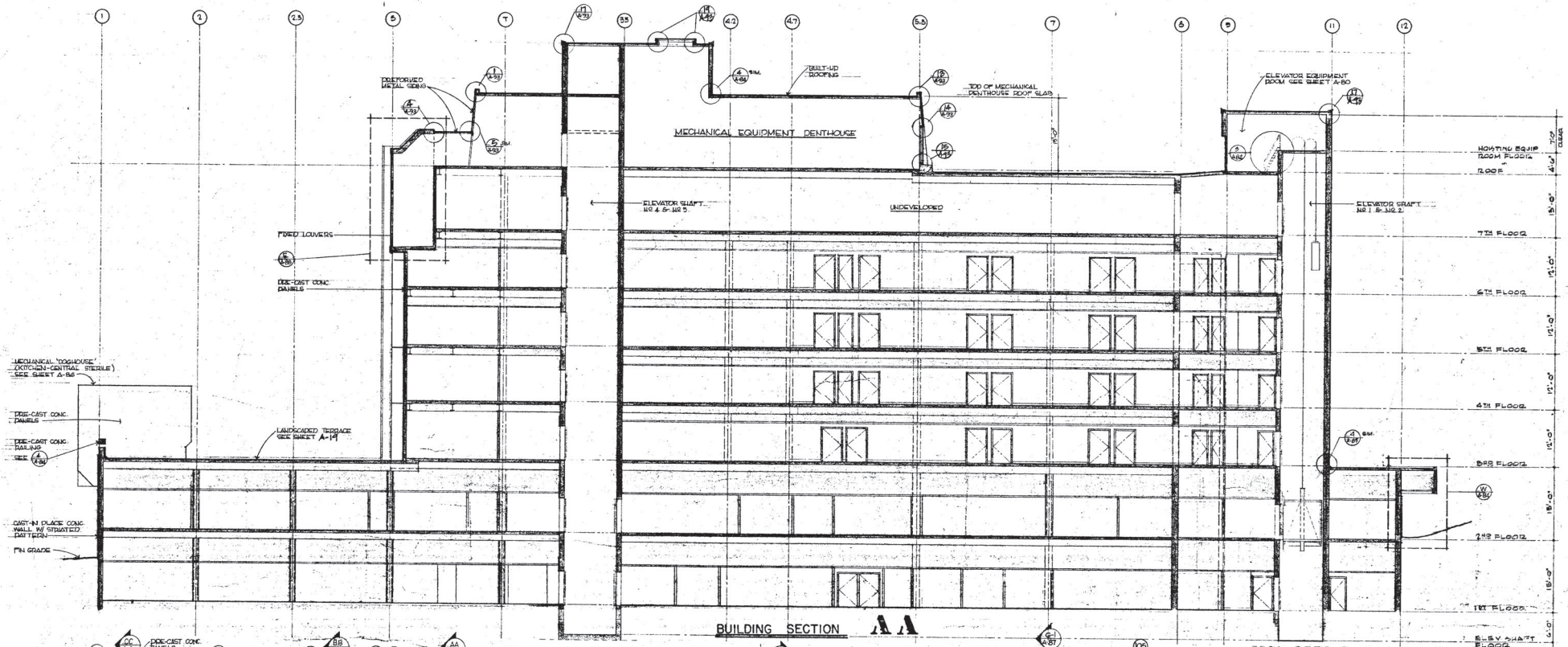

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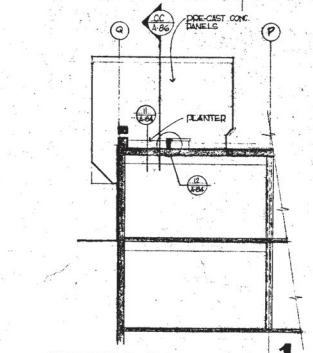

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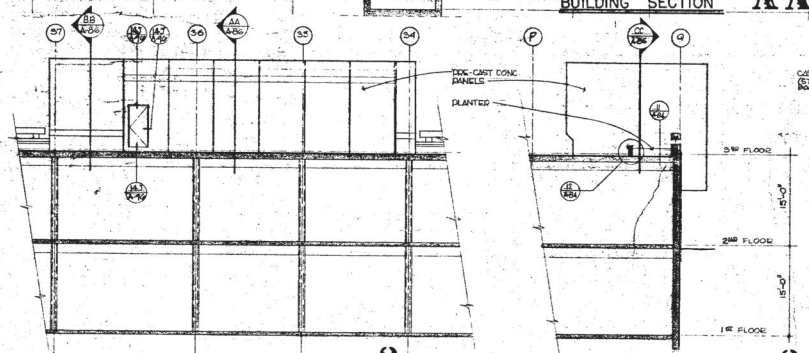

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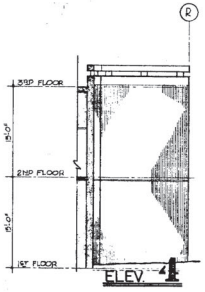

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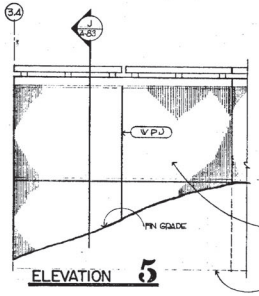

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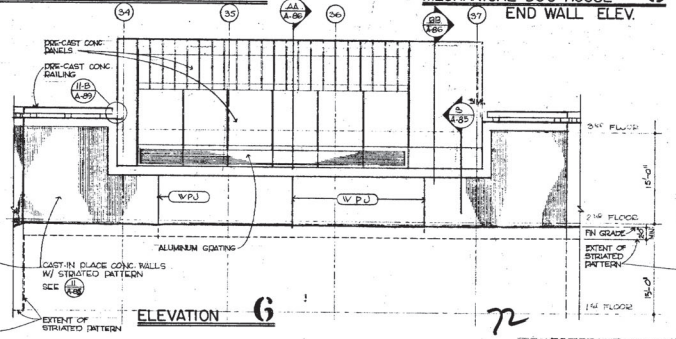

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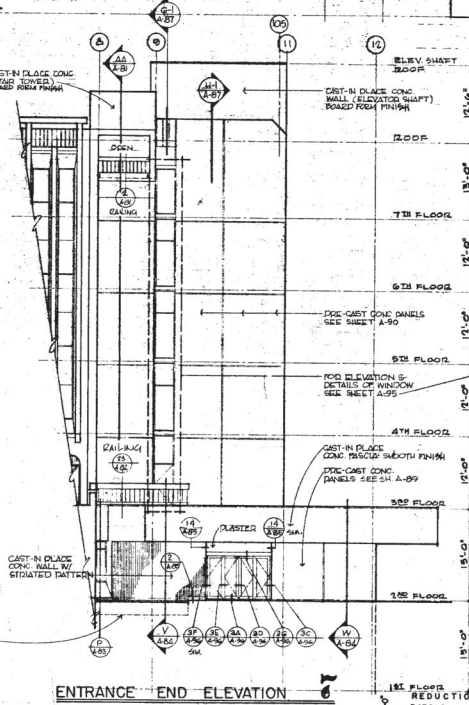

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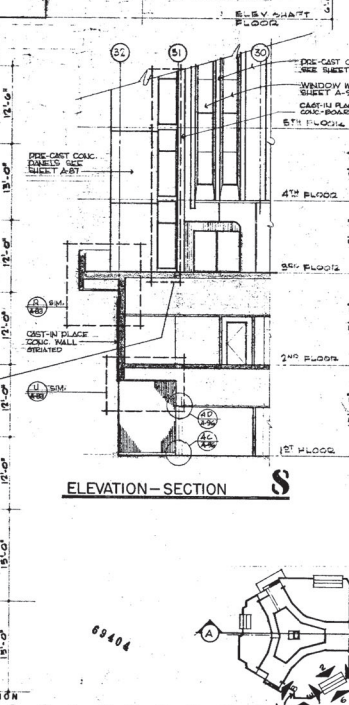

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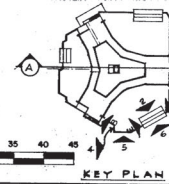

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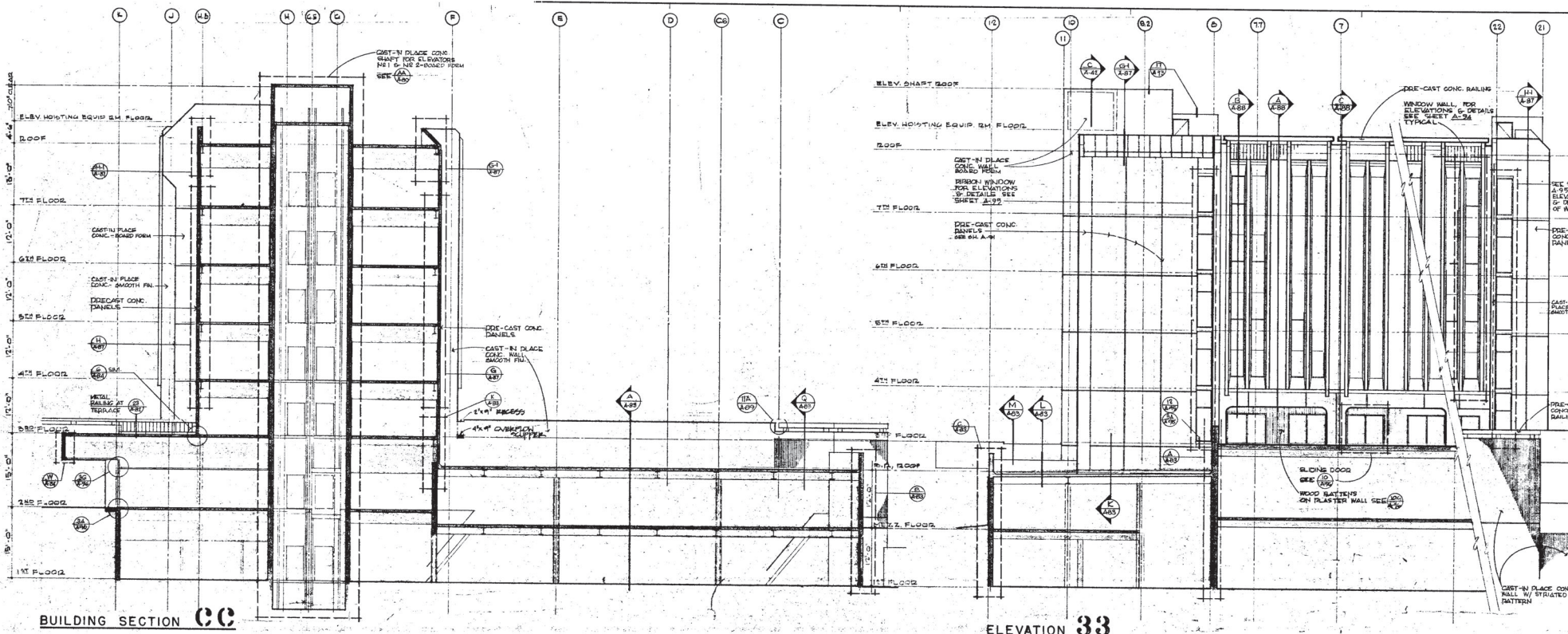

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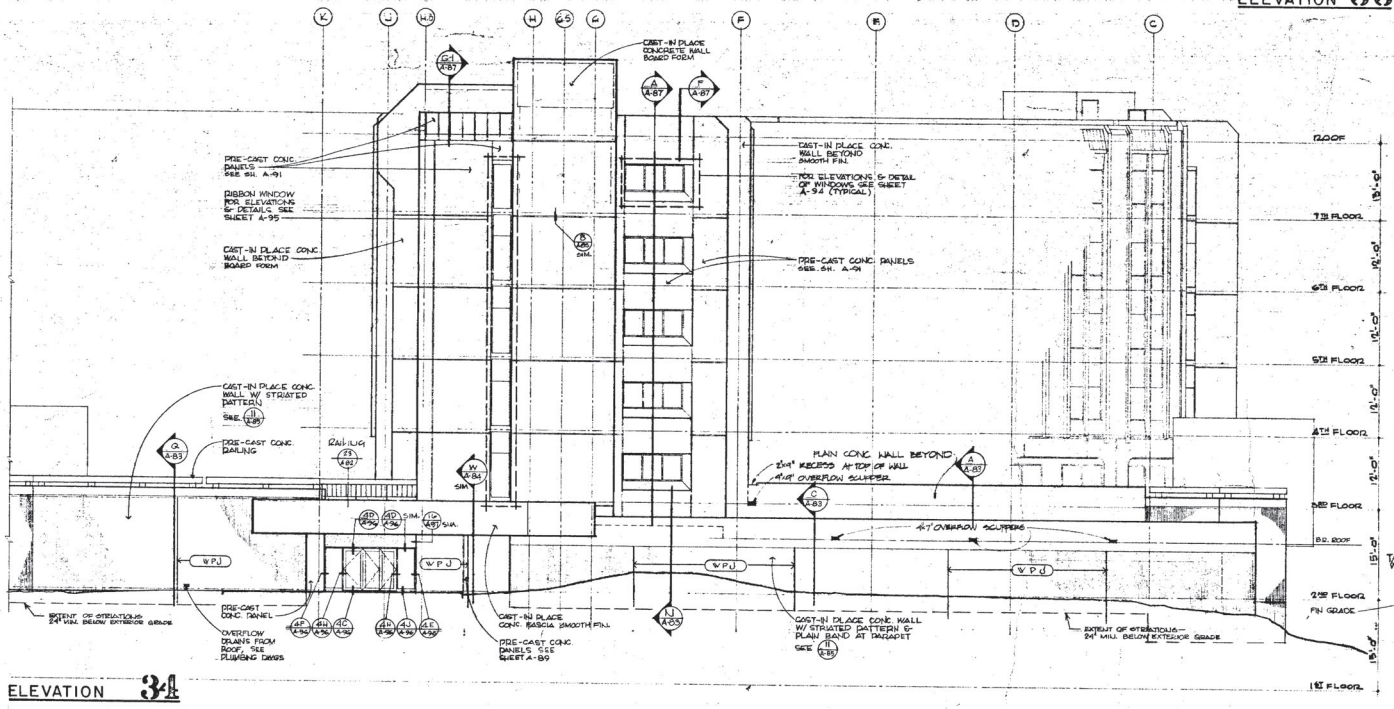

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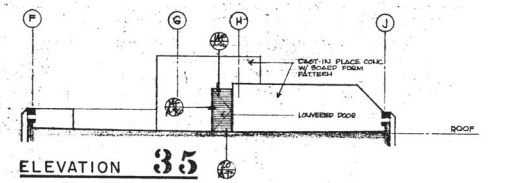

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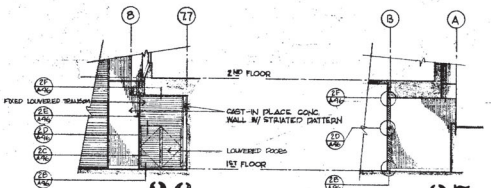

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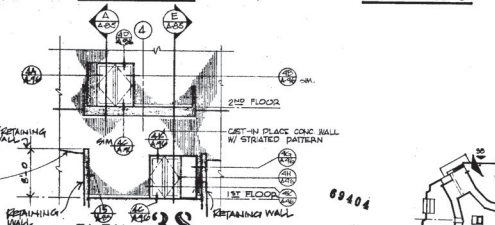

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EXTERIOR RISING ELEVATIONS

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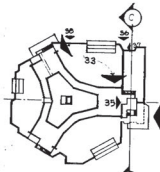

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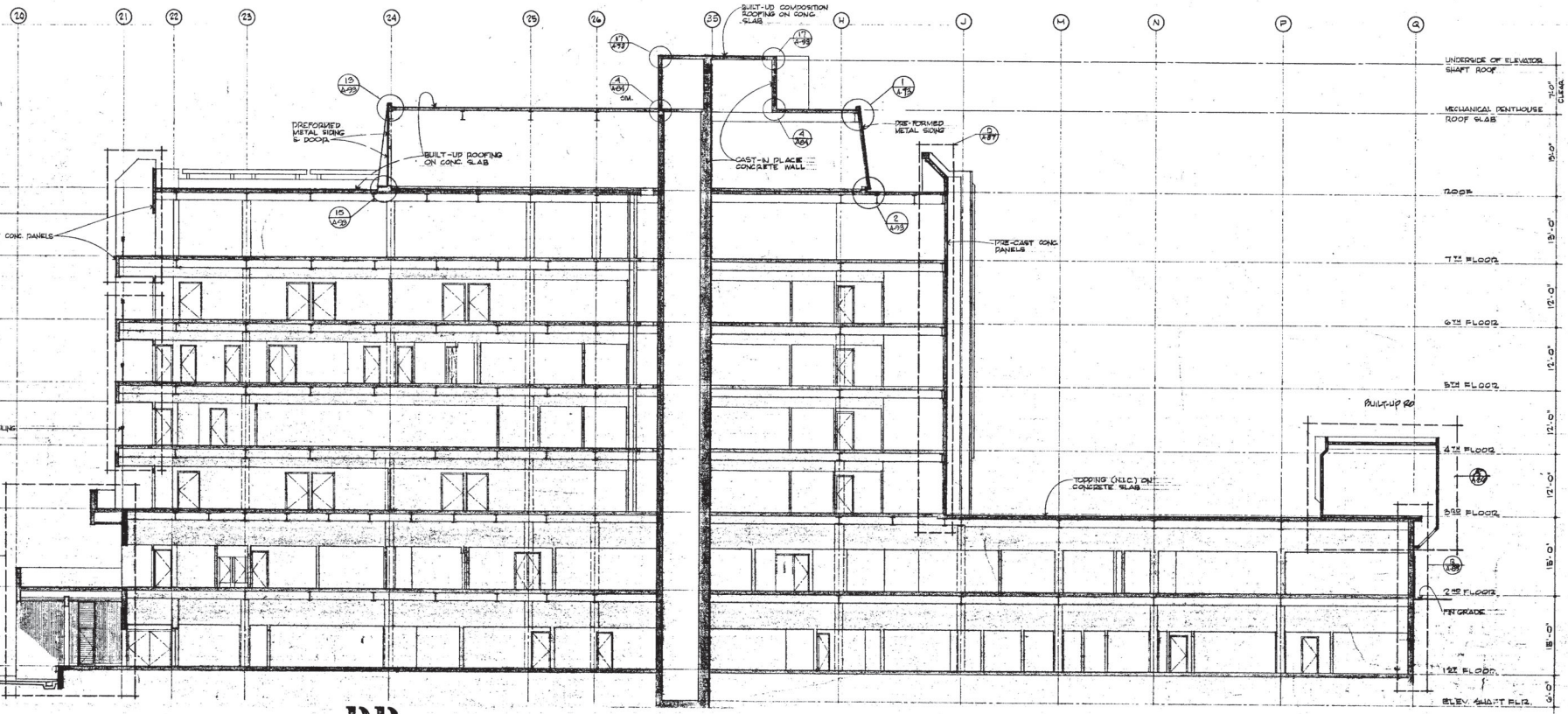

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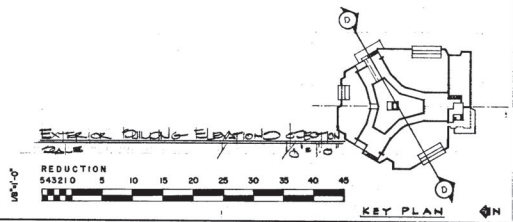

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Appendix E
Geotechnical Report

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GEOLOGIC HAZARD EVALUATION AND GEOTECHNICAL INVESTIGATION KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL

Hospital, Energy Center, and Service Yard San Jose, California

Prepared For:

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GEOLOGIC HAZARD EVALUATION AND GEOTECHNICAL INVESTIGATION
Kaiser Permanente San Jose Replacement Hospital
Hospital, Energy Center, and Service Yard
San Jose, California

1.0 INTRODUCTION

This report presents the results of the geologic hazard evaluation and geotechnical investigation performed by Langan Engineering and Environmental Services, Inc. (Langan) for the new hospital and associated energy center and service yard that are part of the proposed development at Kaiser Permanente Medical Center (Kaiser) in San Jose, California.

The development site coordinates are 37.2394° (latitude) and -121.8006° (longitude). The site is part of the San Jose Kaiser campus, which occupies the majority of the land bounded by Highway 85 on the north, Cottle Road on the west, Santa Teresa Boulevard on the south, and Liska Lane on the east. Figure 1 shows the campus and site location map. The Kaiser campus consists of hospital and medical office buildings, a parking structure, asphalt-paved surface parking lots, concrete walkways, and landscaping.

We understand the proposed development includes a new hospital, energy center, a service yard, a Hub/Ambulatory Surgery Center (ASC), and two parking structures, designated as Parking Structure 1 and 2. The new buildings are to be constructed on four parcels in the southwestern, southern, central, and northeastern portions of the San Jose Kaiser campus (APN 70605011, APN 70605025, APN 70605037, and APN 70605032), that are used as asphalt-paved surface parking lots. This report addresses the proposed hospital and associated energy center and service yard (site). The proposed Parking Structure 1 will be located in the southeastern portion of the Kaiser campus and will be seven stories constructed at grade. The finished floor will be at Elevation 189 feet. The proposed Parking Structure 1 will be addressed in a separate report.

The proposed Hub/ASC building and Parking Structure 2 are future developments and not addressed in this report.

We understand the hospital building, energy center, and service yard will be designed as Level 1 facilities and therefore will be under the jurisdiction of the Department of Health Care Access and Information (HCAI). Stantec Architecture Inc. is the project architect, KPFF is the project structural engineer, Sandis is the project civil engineer, and Rudolph and Sletten, Inc. is the general contractor for the project.

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1.1 Proposed Hospital, Energy Center, and Service Yard

The proposed hospital, energy center, and service yard (site) will be located in the southwestern portion of the Kaiser campus. The project site is bound by Cottle Road on the west, Santa Teresa Boulevard on the south, Camino Verde Drive on the east, Hospital Parkway on the north, and International Circle on the northeast. A gas station is adjacent to the southwest portion of the site, outside the Kaiser property. The site is relatively level, with elevations ranging from about 184 to 188 feet[1]. The existing conditions and the proposed improvements for the project are shown on Figures 2 and 3, respectively.

The hospital will be a six-story L-shaped building constructed over a one-level basement that occupies the entire building footprint. The hospital will have a footprint of 130,000 square feet. The finished floor for the hospital basement level and ground floor level will be at Elevation 172 and 188 feet, respectively, with the basement about 16 feet below existing grade. The hospital site is occupied by a parking lot, driveways, landscaping, and contractor trailers. An existing water utility well is located near the hospital site. We understand the existing improvements within the footprint of the proposed hospital site, with the exception of the water utility well, will be demolished and removed, and the trailers relocated, prior to construction of the new hospital. The existing utility well will remain.

The energy center will be one story with a basement and will be located in the southeast corner of the proposed service yard. The planned lower finished floor level for the energy center will be at Elevation 168.5 feet, about 19½ feet below existing grade. The energy center will have a footprint of 13,000 square feet. The basement floor for the energy center will support heavy equipment. The proposed site for the energy center is occupied by a landscaping area that will be removed prior to construction of the energy center.

The service yard will be constructed south of and immediately adjacent to the new hospital building and will be about 80,500 square feet. The majority of the service yard will be about 20 feet below surrounding grades, corresponding to approximately Elevation 168 feet. The perimeter of the service yard will be supported by retaining walls. A ramp will be constructed at the northeast corner of the service yard. The service yard will include a loading dock for the hospital basement, storage tanks placed on top of the service yard pad and several equipment pads. The proposed site for the service yard is occupied by a parking lot, an equipment storage

[1] All elevations referenced herein are based on "Supplemental Utility and Tree Survey" by SANDIS, dated 28 October 2022 and reference National Geodetic Vertical Datum of 1929 (NGVD29).

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area, and landscaping. The existing improvements will be removed from the site prior to construction of the service yard.

Preliminary unfactored dead plus live loads provided by KPFF for the proposed structures and for the tanks inside the service yard are summarized in Table 1.

TABLE 1
Preliminary Structural Loads

Proposed Improvements	Unfactored Dead plus Live Loads
Hospital	525- to 925-kip column loads
Energy Center	230-kip column typical dead plus live loads and up to 500-kip column dead loads for heavy equipment
Service Yard Tanks	6,300 kips per tank

Additionally, we understand the project will include at-grade improvements consisting of equipment pads, retaining walls and other ancillary structures, and light poles. The planned at-grade improvements consisting of generators and switchgear equipment will weigh approximately 120 kips and 40 to 50 kips, respectively. The at-grade pads for the generators and switchgear equipment will be located directly east of the service yard. Loads are currently not available for the remaining ancillary structures; however, we anticipate they will be light.

2.0 SCOPE OF SERVICES

Our geologic hazard evaluation and geotechnical investigation was completed in accordance with the scope of services outlined in our proposal dated 19 September 2022, and our Budget Increase Request No. 1 dated 8 December 2022. In accordance with California Code of Regulations (CCR) Title 24, California Building Code (CBC) requirements, geologic, earthquake and geotechnical reports for hospitals and essential services buildings are submitted for review and approval to HCAI. The California Geological Survey (CGS) serves under contract to HCAI for engineering geology and seismology review. CGS uses a checklist, CGS Note 48, to evaluate the adequacy of the engineering geology, geotechnical, and seismology reports. Our report is intended to comply with 2019 CCR Title 24 and includes the information listed in CGS Note 48.

Our services were separated into three tasks: 1) Geologic Hazard Evaluation, 2) Geotechnical Investigation, and 3) Site-Specific Response Spectra. The scope of services for each task is discussed in more detail in the following subsections.

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Langan performed a Phase I Environmental Site Assessment and Soil Management Plan for the development and presented the results in reports dated 8 March 2023 and 3 May 2023, respectively.

2.1 Geologic Hazard Evaluation

We performed the geologic hazard evaluation concurrently with our geotechnical investigation. Our scope of services for the geologic hazard evaluation included:

- reviewing available published and unpublished geologic, seismic, groundwater, flooding, and geotechnical literature and maps
- interpreting stereo paired aerial photographs
- performing a geologic reconnaissance for the medical center campus
- preparing a campus engineering geologic map
- reviewing boring logs produced during our geotechnical investigation
- preparing two geologic cross sections through the new building sites using information from our geotechnical investigation.

2.2 Geotechnical Investigation

Our geotechnical investigation consisted of evaluating subsurface conditions at the site and performing engineering analyses to provide recommendations for the proposed development. To evaluate subsurface conditions at the site, we drilled 11 borings and advanced 27 cone penetration tests (CPTs) for the new hospital, energy center, and service yard. Several of the borings and CPTs were performed along the boundaries between the adjacent structures and were used to evaluate subsurface conditions below both structures. Additionally, we drilled four borings and advanced four CPTs in the Parking Structure 1 footprint. Per CBC Section 1803A.3.1, the essential facilities of the project, including the hospital, energy center, and service yard, should include one exploration point for every 5,000 square feet of building/structure footprint, with a minimum of two exploration points per structure. A summary of the field exploration is presented in Table 2.

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TABLE 2
Field Exploration Summary

Proposed Building or Structure	Assumed Footprint Area (square feet)	Required Number of Investigation Points per CBC	Number of CPTs	Number of Borings
Hospital	130,000	26	19	7
Energy Center	13,000	3	2	1
Service Yard	80,000	16	10[1]	6[1]

[1] One or more of these investigation points is shared between adjacent buildings or structures.

We performed laboratory tests on representative soil samples. We used the results of our field investigation and laboratory testing to perform engineering analyses and develop conclusions and recommendations for the new hospital and associated energy center and service yard site, regarding:

- soil and groundwater conditions
- seismic hazards, including fault rupture, liquefaction, and seismic settlements
- appropriate foundation type(s) for the proposed hospital building, energy center, and service yard
- design criteria for the most appropriate foundation type(s), including values for vertical and lateral capacities
- estimated foundation settlements, including total and differential settlements
- lateral earth pressures for design of basement and retaining walls
- floor slabs
- site grading, including soil subgrade preparation and criteria for quality and compaction of fill and backfill
- excavation, temporary slopes, and dewatering
- temporary shoring
- underground utilities
- protection of the existing water utility well near the hospital site
- flexible and rigid pavement

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- concrete flatwork
- 2022 California Building Code (CBC) seismic design criteria, including site classification, mapped values S_S and S_1, modification factors F_A and F_V, and S_{MS} and S_{M1}
- corrosion characteristics
- construction considerations.

The results of our field investigation, engineering analyses and our conclusions and recommendations for Parking Structure 1 will be presented in a separate report.

2.3 Site-Specific Response Spectra

We performed probabilistic seismic hazard analysis (PSHA) and deterministic analysis to develop site-specific respond spectra for the Risk-targeted Maximum Considered Earthquake (MCE_R) and Design Earthquake (DE) per the 2022 CBC and by reference ASCE 7-16.

3.0 REGIONAL GEOLOGY

The site is located within the Coast Ranges geomorphic province (Coast Ranges) of California. The Coast Ranges are characterized by northwest-trending structural and topographic (valleys and ridges) fabrics. The fabrics formed initially by folding and thrust faulting in a subduction zone environment (approximately 120 to 80 million years ago), and later by right-lateral shear within the San Andreas fault system (starting approximately 28 million years ago). The Bay Area lies within the "diffuse" transform plate boundary between the Pacific Plate and North American Plate. It is a seismically active region that encompasses several Holocene - and historically, active faults (U.S. Geological Survey Quaternary fault and fold database).

Topographically, the site lies on a low-relief alluvial surface called the Santa Teresa-San Jose Plain (DWR, 1967), which borders San Francisco Bay on the southeast. Regional geologic maps by the U.S. Geological Survey (Helley et al., 1994; Wentworth et al., 1998) show the medical center and surrounding area are underlain by Holocene basin and levee deposits, geologic units Qhb and Qhl, respectively (Figure 4a). A legend summarizing the deposits shown on the regional geologic map is presented on Figure 4b. The Holocene levee deposits (Qhl) are described by Wentworth et al. (1998) as loose and moderately- to well-sorted sandy and clayey silt and sandy and silty clay that were deposited adjacent to streams where spreading, slowing floodwaters occurred. The Holocene basin deposits (Qhb) are described as organic rich, dark-colored clay and very fine silty clay that were deposited in flood basins beyond the adjacent levees and floodplains.

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Given the regional topographic gradients, both map units were likely sourced from Coyote Creek and/or Santa Teresa Ridge to the east and south, respectively.

4.0 FIELD INVESTIGATION AND LABORATORY TESTING

We began our investigation by reviewing previous geotechnical investigations performed by others at the San Jose Kaiser campus. To investigate subsurface conditions at the project site, we drilled 11 borings and advanced 27 CPTs. In addition, one of the borings was converted to a groundwater level monitoring well (piezometer). We also drilled four borings and advanced four CPTs to investigate subsurface conditions at the parking structure site.

Prior to performing the field investigation, we:

- obtained drilling and well construction permits from Santa Clara Valley Water District (Valley Water)
- notified Underground Service Alert (USA) and followed up with USA utility companies
- checked the boring and CPT locations for underground utilities using a private utility locator.

Details of the field exploration activities and laboratory testing are described in the remainder of this section.

4.1 Borings

Fifteen borings, designated as B-1 through B-15, were drilled at the hospital and parking structure sites at the approximate locations presented on Figures 2 and 3. The borings were drilled between 9 and 20 January 2023 by Exploration Geoservices, Inc. (EGI) of San Jose, California using a truck-mounted drill rig equipped with hollow-stem-auger drilling equipment. The borings were advanced to depths between 31.5 and 101.5 feet below the existing ground surface (bgs). A summary of the ground surface elevations at the Langan boring locations and boring depths is presented in Table 3.

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TABLE 3
Approximate Ground Surface and Depths at Boring Locations

Boring	Approximate Ground Surface Elevation (feet, NGVD29)	Total Depth (feet)
B-1	186.5	101.5
B-2	185.7	51.5
B-3	186.0	31.5
B-4	186.5	101.5
B-5	187.7	51.5
B-6	188.0	51.5
B-7	188.3	51.5
B-8	187.7	51.5
B-9	188.6	101.5
B-10	186.0	51.5
B-11	188.0	51.5
B-12	189.6	76.5
B-13	189.0	51.5
B-14	188.3	51.5
B-15	187.5	75.4

During drilling, our engineer logged the borings and obtained samples of the material encountered for visual classification and laboratory testing. Logs of the borings are presented in Appendix A as Figures A-1 through A-15. The soil encountered in the borings was classified in accordance with the Classification Chart presented on Figure A-16.

Soil samples were obtained using two different types of driven split-barrel samplers. The sampler types are as follows:

- Sprague & Henwood (S&H) split-barrel sampler with a 3.0-inch outside diameter and 2.5-inch inside diameter, lined with steel or brass tubes with an inside diameter of 2.43 inches

- Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and 1.5-inch inside diameter, without liners.

The sampler types were chosen on the basis of soil type being sampled and desired sample quality for laboratory testing. In general, the S&H sampler was used to obtain samples in medium

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stiff to very stiff cohesive soil and the SPT sampler was used to evaluate the penetration resistance of sandy soil.

The SPT and S&H samplers were driven with 140-pound, above-ground, automatic safety hammers falling 30 inches. The samplers were driven up to 18 inches and the hammer blows required to drive the samplers every six inches of penetration were recorded and are presented on the boring logs. A "blow count" is defined as the number of hammer blows per six inches of penetration. The blow counts required to drive the S&H and SPT samplers were converted to approximate SPT N-values using factors of 0.6 and 1.0, respectively, to account for sampler type and hammer energy, and are shown on the boring logs. The blow counts used for this conversion were the last two blow counts. The conversion factors are based on hammer efficiency data provided by EGI for the drill rig.

Upon completion, the boreholes were backfilled with cement grout in accordance with the requirements of Valley Water. The soil cuttings from the borings were collected in 55-gallon drums, which were stored temporarily at the site, tested, and eventually transported off-site for proper disposal.

4.2 Piezometer

Upon completion of boring B-6, per our request, the drillers converted the boring to a piezometer. The piezometer was installed to a depth of about 50 feet bgs. The approximate location of piezometer B-6 is shown on Figures 2 and 3. Details of the piezometer, including screen interval, sand packs and grout zones, are shown on Figure A-6 in Appendix A. The screen interval for piezometer B-6 is from depths of 25 to 50 feet bgs. The piezometer installation was in accordance with the requirements of Valley Water and a well construction summary was submitted to Valley Water at the end of the field investigation.

4.3 Cone Penetration Tests

Thirty-one CPTs, designated as CPT-1 through CPT-31, were performed at the hospital and parking structure sites between 9 and 26 January 2023 by ConeTec Inc. of San Leandro, California, at the locations shown on Figures 2 and 3. The CPTs were advanced to approximately 50.5 to 150.4 feet bgs. A summary of the ground surface elevations at the CPT locations and CPT depths is presented in Table 4.

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TABLE 4
Approximate Ground Surface and Depths at CPT Locations

Boring	Approximate Ground Surface Elevation (feet, NGVD29)	Total Depth (feet)
CPT-1	186	50.5
CPT-2	185.2	150
SCPT-3[1]	186.3	110.6
CPT-4	185.7	50.5
CPT-5	186.5	50.5
CPT-6	186.0	50.5
CPT-7	186.3	50.5
CPT-8	187.8	50.5
CPT-9	187.4	50.5
CPT-10	187.3	50.5
CPT-11	186.0	150.4
CPT-12	188.2	50.5
CPT-13	187.0	50.5
SCPT-14[1]	187.6	110.6
CPT-15	187.6	50.5
CPT-16	187.8	50.5
CPT-17	188.6	149.5
CPT-18	187.6	75.2
CPT-19	188.4	50.5
CPT-20	185.8	50.9
CPT-21	188.6	100.6
CPT-22	188.6	100.6
CPT-23	187.7	50.5
CPT-24	187.7	50.5
CPT-25	186.7	50.7
CPT-26	187.9	75.5
CPT-27	187.6	50.8
CPT-28	188.0	50.5
CPT-29	188.8	150.1
CPT-30	189.5	50.5
SCPT-31[1]	188.5	100.6

1. SCPT = Seismic Cone Penetration Test

The CPTs were performed by hydraulically pushing a 1.7-inch-diameter, cone-tipped probe, with a projected area of 15 square centimeters, into the ground. The cone tip measures tip resistance, and the friction sleeve behind the cone tip measures frictional resistance. Electrical strain gauges

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or load cells within the cone continuously measure the cone tip resistance and frictional resistance during the entire depth of each probing. Accumulated data was processed by computer to provide engineering information, such as the types and approximate strength characteristics of the soil encountered. The CPT logs, showing tip resistance, side friction and friction ratio by depth, as well as interpreted soil classification, are presented in Appendix B. Soil types were estimated using the classification chart shown in Appendix B.

Pore pressure dissipation tests (PPDTs) were performed during the advancement of each CPT at various depths, except at CPT-15. PPDTs were conducted to measure hydrostatic water pressures and to determine the approximate depth to groundwater. The variation of pore pressure with time is measured behind the tip of the cone and recorded. One PPDT was performed in CPT-1, CPT-3 through CPT-6, CPT-8 through CPT-10, CPT-12, CPT-14 through CPT-28, CPT-30, and CPT-31. Two PPDTs were performed in CPT-2, CPT-7, CPT-11, CPT-13, and CPT-29. For this investigation, the duration of the tests ranged from approximately 235 to 2,760 seconds. The results of the thirty-five PPDTs are presented in Appendix B.

Seismic cone penetration testing (SCPT) soundings were performed during the advancement of CPT-3, CPT-14, and CPT-31. The soundings were conducted at five feet intervals to measure shear wave velocities through the soil profile. The shear wave velocity results are included in Appendix B.

After completion, the CPTs were backfilled with cement grout in accordance with Valley Water requirements.

4.4 Laboratory Testing

The soil samples collected from the field exploration program were reexamined in the office for soil classifications and representative samples were selected for laboratory testing. The laboratory testing program was designed to evaluate engineering properties of the soil at the site. Samples were tested to measure moisture content, dry density, plasticity (Atterberg limits), gradation, shear strength, compressibility, and resistance value (R-value), where appropriate. Results of the laboratory testing are included on the boring logs and in Appendix C on Figures C-1 through C-28.

Analytical laboratory testing was performed on selected soil samples collected from the borings; the results are presented in our Soil Management Plan report.

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4.5 Soil Corrosivity Testing

To evaluate the corrosivity of the near-surface soil, we performed corrosivity tests on four samples obtained from the upper five feet. The corrosivity of the soil samples were evaluated by CERCO Analytical using the following ASTM test methods:

- Redox – ASTM D1498
- pH – ASTM D4972
- Resistivity (100% Saturation) – ASTM G57
- Sulfide – ASTM D4658M
- Chloride – ASTM D4327
- Sulfate – ASTM D4327.

The laboratory corrosion test results and a brief corrosivity evaluation by Cerco Analytical Inc. are presented in Appendix D.

4.6 Reconnaissance Engineering Geologic Mapping

On 16 February 2023, our geologist performed reconnaissance engineering geologic mapping of the medical campus. The purpose of the mapping was to identify, characterize, and evaluate overall surface geologic conditions and their potential impact on proposed site improvements. The majority of the campus is covered by buildings and pavements; in the open areas, the geologic units are covered with landscape and therefore not exposed at the ground surface. Based on our review of the available geologic and geotechnical information, we identified the lateral extent of the geologic units at the campus (basin and levee deposits) shown on Figure 5. The project site (proposed hospital and associated service yard and energy center) is underlain by basin deposits.

4.7 Previous Geotechnical Investigations

Prior to performing our geologic hazard evaluation and field investigation, we reviewed the following geotechnical investigation reports for previous developments at the San Jose Kaiser campus:

- Geotechnical Engineering Evaluation, Exterior Fuel Cell Installation for KSR074 – 250 Hospital Parkway, San Jose, California, by Kleinfelder, dated 8 June 2018

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- Geotechnical Engineering Letter Report, Kaiser San Jose Medical Center – MOB 275 Emergency Generator Replacement, 275 Hospital Parkway, San Jose, California, by Geosphere Consultants, Inc., dated 28 July 2017

- Engineering Geologic and Geotechnical Report, Emergency Room Expansion, Kaiser Santa Teresa Medical Center, San Jose, California, by Geomatrix Consultants, Inc., dated 25 May 2001

- Geologic Hazards Evaluation, Kaiser Santa Teresa Medical Center, San Jose, California, by Geomatrix Consultants, Inc., dated 20 July 2000

- Addendum for Geologic Hazards Evaluation, Kaiser Santa Teresa Medical Center, San Jose, California, by Geomatrix Consultants, Inc., dated 20 October 2000

- Geotechnical Consultation, Proposed Seismic Upgrade of Existing Parking Structure, Kaiser Santa Teresa Medical Center, San Jose, California, by Bay Area Geotechnical Group (BAGG), dated 15 November 1991.

The locations of the borings performed during the previous geotechnical investigations are shown on Figure 5 and the available borings logs are included in Appendix E. The logs of borings B-3 and B-4 performed by BAGG were not included in the 1991 report, and therefore are not available.

We also reviewed the results of the laboratory testing performed during the previous geotechnical investigations. Samples were tested to measure moisture content, dry density, Atterberg limits, gradation, shear strength and corrosivity. Results of the laboratory testing are included in Appendix E.

5.0 SITE AND SUBSURFACE CONDITIONS

The aerial photograph review, site conditions, and subsurface conditions are discussed in the following sections.

5.1 Aerial Photograph Review

We reviewed single-frame and stereo-pair, black-and-white aerial photographs of the site and surrounding area that were collected between the years 1958 and 2005. A list of the photographs we reviewed is presented in Table 5. The purpose of the air photo review was to understand the land-use and grading history of the site. We also used the air photos to screen the site for potential geohazards features, discussed in Section 7.1.1.

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TABLE 5
List of Aerial Photographs Reviewed

Date	Photograph Number	Scale	Source
03/07/1958	SF-Area 3-162	1:36,000	Pacific Aerial Surveys
07/12/1960	AV 385-10-03, -04	1:30,000	Pacific Aerial Surveys
10/12/1971	AV 1006-18-23, -24, -25	1:12,000	Pacific Aerial Surveys
05/23/1974	AV 1138-18-22, -23	1:12,000	Pacific Aerial Surveys
07/23/1980	AV 1905-18-31, -32	1:12,000	Pacific Aerial Surveys
07/01/1984	AV 2485-18-26, -28	1: 12,000	Pacific Aerial Surveys
07/23/1990	AV 3845-29-94, -95	1:12,000	Pacific Aerial Surveys
08/20/1999	AV 6100-231-35, -36	1:12,000	Pacific Aerial Surveys
03/25/2005	KAV 9010-125-17, -18	1:10,000	Pacific Aerial Surveys

The available photos show from 1958 through October 1971 the hospital campus was mostly undeveloped agricultural fields. There is very little topographic relief in the area other than Santa Teresa Ridge to the south and levees along Coyote Creek to the north—both well beyond the site limits. A farmhouse or greenhouse occupied the site adjacent to the intersection of Santa Teresa Boulevard and Camino Verde Drive.

Other than farm roads, the earliest signs of grading at the campus were in 1971 when ground was broken for International Circle. By May 1974, International Circle as well as Hospital Parkway were completed, and the Emergency Room, Employee Health Building, and parking lot at the southeast corner of the campus was built. A gas station was constructed at the intersection of Hospital Parkway and Cottle Road. Development took place around and immediately north of Highway 85. The southwest quadrant of the campus where the proposed hospital will be constructed remained undeveloped.

By 1980, the area of the campus bounded by International Circle was developed, and the campus building layout matches the present-day configuration. A parking lot was constructed in the northeast portion of the campus. The area of the proposed hospital remained undeveloped. Beyond the campus, residential construction was occurring south of Santa Teresa Boulevard and east of Camino Verde Drive. In addition, there was minor grading/removal of ground cover for the adjacent public library site to the east, and the Santa Teresa Apartments were built at the northwest corner of Santa Teresa Boulevard and Liska Lane.

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By July 1990, a strip of parking lot was built near the proposed hospital site along International Circle. Development of the hospital campus north and northeast of International Circle was completed. Grading and construction had begun for the Cattle Light Rail Station and Highway 85 to the north of the site; these improvements were completed by 1999. The 1999 photos also show that construction of the parking lot that currently occupies the proposed hospital site was completed. Through 2005, development continued around the site, in particular in the area west of Cottle Road and north of Santa Teresa Boulevard.

5.2 Site Conditions

The site for the proposed hospital, energy center, and service yard is located within the southwestern portion of the San Jose Kaiser campus that consists of two assessor's parcels, 70605011 and 70605025. The site is occupied by a parking lot, driveways, contractor trailers, an equipment storage area, and landscaping areas. The parking lot and landscaping areas are relatively flat with elevations ranging from 184 to 188 feet.

The site is bounded by Cottle Road on the west, Santa Teresa Boulevard on the south, Camino Verde Drive on the east, Hospital Parkway on the north, and International Circle on the northeast. A gas station is adjacent to the southwest portion of the site. The existing hospital and medical office buildings are located to the north and east of the project limits, across Hospital Parkway and International Circle.

An existing water utility well operated by Valley Water is within the project limits, on the northeast side of the proposed hospital, as shown on Figures 2 and 3. We understand the well will be protected during construction of the project.

5.3 Subsurface Conditions

Our understanding of the local geology and soil conditions at the site is based on our site geologic reconnaissance and the results of our geotechnical investigation. Our interpretation of the subsurface geologic conditions at the project site are summarized on two idealized geologic cross sections, designated as A-A' and B-B,' presented on Figures 6 and 7, respectively.

The results of our investigations and laboratory testing indicate the soil conditions are relatively uniform across the site. The description of the geologic units at the site are presented below.

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5.3.1 Existing Pavement

The results of our field exploration indicate the existing pavement, where explored at the site, consists of about 2 to 6 inches of asphalt concrete (AC). Beneath the AC, we encountered about 6 to 10 inches of aggregate base (AB).

5.3.2 Basin Deposits (Holocene)

The existing pavement and landscaping areas at the project site are generally underlain by recent alluvial basin deposits (Holocene) consisting of clay and silt interbedded with sand and gravel layers. The soil encountered in the upper 70 to 75 feet of our borings and CPTs generally consisted of medium stiff to hard clay and silt with varying amounts of sand, silt, and gravel. The upper clay is moderately compressible and is interbedded with medium dense to dense sand and gravel layers with varying amounts of fines. The upper clay is generally slightly overconsolidated[2], with overconsolidation ratio[3] (OCR) greater than 1.1. Where tested, the shear strengths of the silt and clay range from 600 to 2,600 pounds per square foot (psf). Where tested, the plasticity index (PI) of the top five feet of clay ranges between about 16 and 21, indicating it has moderate expansion potential[4].

The upper clay and silt are underlain by about 25 feet of dense to very dense sand and gravel extending to depths of about 95 to 100 feet bgs. Below the sand and gravel are stiff to hard silt and clay (moderately compressible to relatively incompressible) interbedded with layers of dense to very dense sand and gravel to the maximum depth explored of 150 feet bgs. Where tested, the lower clay and silt are overconsolidated with OCRs greater than 1.5, and have undrained shear strengths ranging from about 2,500 to 6,000 psf.

5.3.3 Groundwater

To evaluate the groundwater level at the site we reviewed available historic data, data from monitoring wells at/near the site, groundwater level measurements from previous explorations performed at the hospital campus, and measurements from our recent field investigation at the project site. According to our review of the CGS Seismic Hazard Zone Report for the Santa Teresa Hills Quadrangle (CGS, 2003), historic high groundwater level in the project vicinity is

[2] An underconsolidated clay has not yet achieved equilibrium under the existing load; an overconsolidated clay has experienced a pressure greater than its current load.

[3] The overconsolidation ratio (OCR) for a soil is defined as the ratio between the maximum sustained pressure the soil has experienced and the present effective vertical pressure.

[4] Soil with moderate expansion potential undergoes moderate volume changes with changes in moisture content.

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approximately 20 feet bgs, corresponding to approximately Elevation 168 feet. Additionally, we reviewed data available from monitoring wells at and near the site from Valley Water; the data indicate the groundwater level at the site was as high as 12 feet bgs (Elevation 174 feet) within the past ten years. Considering the site is at least 15 miles from the San Francisco Bay and significantly higher in elevation, sea level rise should not exceed the design groundwater level.

The groundwater levels measured in the borings during previous investigations performed at the San Jose Kaiser campus (from 1971 to 2018) range from about 19 to 35 feet bgs, corresponding to approximately Elevations 155 to 171 feet. Some measurements were recorded during and immediately after exploration and may not represent stabilized levels. The groundwater levels measured in the 2023 Langan borings range from 25 to 31 feet bgs, corresponding to Elevations 156.7 to 162.6 feet, as summarized in Table 6. Seasonal fluctuations in rainfall influence groundwater levels and may cause several feet of variation.

TABLE 6
Summary of Groundwater Measurements at Langan Boring Locations

Boring Location	Manual Reading(s) Before Grouting	
	Depth to Groundwater (feet, bgs)	Groundwater Elevation (feet, NGVD29)
B-1	29	157.5
B-2	29	156.7
B-3	28	158
B-4	27	159.5
B-5	31	156.7
B-6[1]	31	157.0
B-7	27	161.3
B-8	27	160.7
B-9	31	157.6
B-10[2]	25, 29	161.0, 157.0
B-11	31	157.0
B-12	27	162.6
B-13	28	161.0
B-14[2]	28, 27	160.3, 161.3
B-15	28	159.5

1. Boring B-6 was converted to piezometer upon completion of drilling.
2. Two manual readings were taken before grouting.

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The PPDTs conducted in Langan CPT-1 through CPT-14 and CPT-16 though CPT-31 were performed at depths ranging from 24.4 to 150 feet bgs. Groundwater depths interpreted from the PPDTs range from 18.1 to 35.0 feet bgs, corresponding to approximately Elevations 150.2 to 167.6 feet, as summarized in Table 7.

TABLE 7
Summary of Groundwater Measurements at Langan CPT Locations

CPT Location	Depth of PPDT[1] (feet, bgs)	Interpreted Groundwater Depth from PPDT (feet, bgs)	Interpreted Groundwater Elevation from PPDT (feet, NGVD29)
CPT-1	27.6	22.9	163.1
CPT-2	48.6	30.1	155.1
CPT-2	150.0	35.0	150.2
SCPT-3	78.7	32.5	153.8
CPT-4	26.4	18.1	167.6
CPT-5	29.9	24.6	161.9
CPT-6	50.5	29.4	156.6
CPT-7	42.3	26.3	160.0
CPT-7	50.5	31.1	155.2
CPT-8	50.5	31.3	156.5
CPT-9	38.8	25.2	162.2
CPT-10	30.5	24.6	162.7
CPT-11	71.3	31.8	154.2
CPT-11	108.3	33.4	152.6
CPT-12	31.9	27.9	160.3
CPT-13	28.5	25.6	161.4
CPT-13	48.6	30.8	156.2
SCPT-14	48.6	30.0	157.6
CPT-16	29.3	26.4	161.4
CPT-17	50.4	33.1	155.5
CPT-18	51.8	30.9	156.8
CPT-19	29.5	27.6	160.8
CPT-20	24.7	22.4	163.4
CPT-21	75.3	32.1	156.5
CPT-22	51.8	31.8	156.8
CPT-23	37.2	27.2	160.5
CPT-24	37.0	28.5	159.2

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CPT Location	Depth of PPDT[1] (feet, bgs)	Interpreted Groundwater Depth from PPDT (feet, bgs)	Interpreted Groundwater Elevation from PPDT (feet, NGVD29)
CPT-25	24.4	19.9	166.8
CPT-26	52.3	29.9	158.1
CPT-27	25.3	25.0	162.6
CPT-28	50.5	28.4	159.6
CPT-29	50.9	29.1	159.7
CPT-29	70.7	32.2	156.6
CPT-30	30.4	25.4	164.1
SCPT-31	72.6	31.3	157.2

1. PPDT = pore pressure dissipation test.

Additionally, we obtained three groundwater readings from piezometer B-6 in early 2023. A summary of the groundwater level readings from the piezometer is presented in Table 8. The piezometer readings represent stabilized groundwater levels, which appear to be influenced by seasonal rainfall.

TABLE 8
Groundwater Level Readings from Piezometer B-6

Date	Depth to Groundwater (feet, bgs)	Groundwater Elevation (feet, NGVD29)
2/17/2023	26.0	162.0
3/22/2023	25.0	163.0
4/6/2023	24.0	164.0

6.0 REGIONAL SEISMICITY AND FAULTING

The project site is in a seismically active region. Numerous earthquakes have been recorded in the region in the past, and moderate to large earthquakes should be anticipated during the service life of the proposed development. The Hayward-Rodgers Creek, Calaveras, and San Andreas faults are the major faults closest to the site. These and other faults of the region are shown on Figure 8. For each of these faults, as well as other active faults within about 50 kilometers (km)

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of the site, the distance from the site and estimated mean Moment magnitude[5] [2014 Working Group on California Earthquake Probabilities (WGCEP) (2015) and Uniform California Earthquake Rupture Forecast Version 3 (UCERF3) as detailed in the United States Geological Survey Open File Report 2013-1165] are summarized in Table 9. The mean Moment magnitude presented on Table 9 was computed assuming full rupture of the segment using Hanks and Bakun (2008) relationship.

TABLE 9
Regional Faults and Seismicity

Fault Segment	Approx. Distance from Fault (km)	Direction from Site	Mean Moment Magnitude
Monte Vista - Shannon 2011 CFM	4.2	South	7.0
Silver Creek 2011 CFM	6	Northeast	6.7
Hayward (So) extension 2011 CFM	7	East	6.1
Total Hayward-Rodgers Creek Healdsburg	7	East	7.6
Calaveras (Central) 2011 CFM	12	East	6.75
Sargent 2011 CFM	15	Southwest	6.8
San Andreas (Santa Cruz Mts) 2011 CFM	17	Southwest	7.0
San Andreas 1906 event	17	Southwest	8.1
Butano 2011 CFM	17	Southwest	6.7
Hayward (So) 2011 CFM	18	North	6.9
San Andreas (Peninsula) 2011 CFM	19	West	7.2
Zayante-Vergeles 2011 CFM	22	Southwest	7.1
Zayante-Vergeles	23	Southwest	6.9
Calaveras (No) 2011 CFM	24	North	6.8
Mission (connected) 2011 CFM	24	North	6.1
Greenville (So) 2011 CFM	29	East	6.5
Calaveras (So) 2011 CFM	32	Southeast	6.4
Pilarcitos 2011 CFM	33	West	6.7
Greenville (No) 2011 CFM	38	Northeast	6.9
Las Positas	41	North	6.3
Reliz 2011 CFM	44	Southwest	7.3
Ortigalita (North)	45	East	6.6
San Gregorio (North) 2011 CFM	45	West	7.3
Monterey Bay-Tularcitos	45	Southwest	7.2

Note:
1. The table above is a summary and does not include all the fault segmentation, alternate traces and low activity faults included in the UCERF3 model.

[5] Moment magnitude is an energy-based scale and provides a physically meaningful measure of the size of a faulting event. Moment magnitude is directly related to average slip and fault rupture area.

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Figure 8 also shows the earthquake epicenters for events with magnitude greater than 5.0 from January 1800 through August 2014. Since 1800, four major earthquakes have been recorded on the San Andreas fault. In 1836 an earthquake with an estimated maximum intensity of VII on the Modified Mercalli (MM) scale (Figure 9) occurred east of Monterey Bay on the San Andreas fault (Toppozada and Borchardt 1998). The estimated Moment magnitude, M_w, for this earthquake is about 6.25. In 1838, an earthquake occurred with an estimated intensity of about VIII-IX (MM), corresponding to an M_w of about 7.5. The San Francisco Earthquake of 1906 caused the most significant damage in the history of the Bay Area in terms of loss of lives and property damage. This earthquake created a surface rupture along the San Andreas fault from Shelter Cove to San Juan Bautista approximately 470 km in length. It had a maximum intensity of XI (MM), an M_w of about 7.9, and was felt 560 km away in Oregon, Nevada, and Los Angeles. The Loma Prieta Earthquake occurred on 17 October 1989 in the Santa Cruz Mountains with an M_w of 6.9, the epicenter of which is approximately 24 km from the site.

In 1868 an earthquake with an estimated maximum intensity of X on the MM scale occurred on the southern segment (between San Leandro and Fremont) of the Hayward fault. The estimated M_w for the earthquake is 7.0. In 1861, an earthquake of unknown magnitude (probably an M_w of about 6.5) was reported on the Calaveras fault. The most recent significant earthquake on this fault was the 1984 Morgan Hill earthquake (M_w = 6.2).

The most recent earthquake to affect the Bay Area occurred on 24 August 2014 and was located on the West Napa fault, approximately 118 km northeast of the site, with an M_W of 6.0.

The 2016 U.S. Geologic Survey (USGS) predicted a 72 percent chance of a magnitude 6.7 or greater earthquake occurring in the San Francisco Bay Area in 30 years (Aagaard et al. 2016). More specific estimates of the probabilities for different faults in the Bay Area are presented in Table 10.

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TABLE 10
Estimates of 30-Year Probability (2014 to 2043) of a Magnitude 6.7 or Greater Earthquake

Fault	Probability (percent)
Hayward-Rodgers Creek	33
Calaveras	26
N. San Andreas	22
Greenville	16
San Gregorio	6

7.0 SEISMIC AND GEOLOGIC HAZARDS

Seismic hazards and geologic hazards as they pertain to the proposed improvements are discussed in the following sections.

7.1 Fault Rupture

Historically, ground surface fault ruptures closely follow the traces of geologically young faults. The site is not within an Earthquake Fault Zone, as defined by the Alquist-Priolo (AP) Earthquake Fault Zoning Act[6], and no Holocene-active or potentially active faults exist on the site. The San Jose fault is currently mapped to cross the project site; however, it is not zoned by the CGS under the AP Earthquake Fault Zoning Act. The San Jose fault is discussed in further detail in the following section.

In a seismically active area, the remote possibility exists for future faulting in areas where no faults previously existed; however, we conclude the risk of surface faulting and consequent secondary ground failure at the site is low.

7.1.1 San Jose Fault

The U.S. Geological Survey's Quaternary Fault and Fold Database[7] shows the surface projection of the San Jose fault (SJF), crossing the proposed footprints of the new hospital, service yard, and Parking Structure 1. The SJF is classified as an undifferentiated Quaternary structure with a

[6] The Alquist-Priolo Act zones certain faults which are known to be active. The CGS defines active as having recorded movement within Holocene time, or within the last 11,700 years.

[7] https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf

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poorly constrained locational certainty. The projected trace is based on a 1:750,000-scale compilation map by Jennings (1994).

The existence of the SJF was inferred (i.e., it has not been directly observed) based on interpretation of gravity surveys and groundwater well logs by the California Department of Water Resources (CDWR, 1967 and 1975). CDWR interpreted a system of mostly concealed faults to explain elevation changes that occur on the top of buried Franciscan Complex bedrock; the bedrock lays at depths of hundreds of feet below the alluvial cover. CDRW also interpreted a series of buried stream channel deposits that are abruptly truncated; they interpret the truncations as the near-surface manifestation of the same faults. The concealed fault system is shown traversing Santa Clara Valley between Redwood City and South San Jose. The tip-lines of the faults (i.e., the uppermost reaches of the faults), including the SJF, were interpreted at depths of approximately 50 feet below ground surface—terminating in Older Alluvial Fan deposits for which no absolute age is given.

A more recent study by the U.S. Geological Survey (Wentworth et al., 2010) casts considerable doubt on the existence of the SJF. Using independent sequence stratigraphic analyses that incorporate new well data, and reinterpreting the older geophysical data using modern techniques, Wentworth et al. (2010) argue that the interpreted buried channels and resultant fault patterns are unreasonable and inconsistent with their findings. The buried channels are laterally continuous layers that gradually pinch out as opposed to being abruptly truncated. They conclude that "*Any continued dependence on the CDWR mapping (1967; 1975) is without foundation*."

Geomatrix (2000) performed a geologic hazards evaluation for the Kaiser campus for the main hospital, at the center of the campus. The SJF (referenced as the Santa Clara fault) was addressed in the Geomatrix report. Geomatrix concluded that the potential for surface fault rupture at the main hospital building is very low. They also concluded no significant surface fault rupture hazard was identified for the designated hospital building at the site.

We used the historical stereo air photographs described in Section 5.1 to screen the pre-development ground surface for geomorphic features that could indicate potential faulting. The photographs from 1960 were of particular value because they were collected before the site and surrounding properties were developed, and the scale provides broader coverage beyond the site. Although the SJF was interpreted as a concealed feature, displacement on buried faults can still generate surface deformation such as localized uplift and/or down warping (e.g., Dolan et al., 2003). We did not observe any lineaments, topographic or surface gradient changes on the

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1960 stereo air photograph near where the fault was mapped. More broadly, we did not observe any other anomalous landforms that suggest ground deformation. As discussed in Section 5.1, the ground surface within the site and surrounding area is relatively flat.

Based on our review of available studies we concur with Geomatrix (2000) findings and conclude the potential for surface fault rupture at the Kaiser campus is low.

7.2 Liquefaction and Associated Hazards

The site is in a seismically active area and will likely be subjected to strong shaking during a major earthquake on a nearby active fault. Strong shaking during an earthquake can result in ground failures such as those associated with soil liquefaction[8], lateral spreading[9], and seismic densification[10]. We evaluated each of these conditions based on our review of available information, field investigation, and results of our analysis, as discussed in this section.

7.2.1 Liquefaction-Induced Settlement

As shown on Figure 10, the site is within a zone designated with the potential for liquefaction, as identified by the California Geological Survey (formerly the California Division of Mines and Geology), on a map titled, "State of California Seismic Hazard Zones, Santa Teresa Hills Quadrangle" (CGS, 2003). Specifically, the map shows the site is in an area "where historic occurrence of liquefaction, or local geological, geotechnical and groundwater conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693 (c) would be required."

To evaluate the liquefaction potential at the site, we performed liquefaction analysis using the results of the CPTs in accordance with the State of California Special Publication 117A, Guidelines for Evaluation and Mitigation of Seismic Hazards in California (2008). The SPT blow count data from the hollow-stem-auger borings was judged to be unreliable because of the potential for heave and flow into the augers disturbing granular soil below the groundwater level.

[8] Liquefaction is a phenomenon in which saturated (submerged), cohesionless soil experiences a temporary loss of strength because of the buildup of excess pore water pressure, especially during cyclic loading such as those induced by earthquake. Soils most susceptible to liquefaction are loose to medium dense sand and gravel, low plasticity silt, and some low plasticity clay deposits.

[9] Lateral spreading is a phenomenon in which surficial soil displaces along a shear zone that has formed within an underlying liquefied layer. Upon reaching mobilization, the surficial blocks are transported downslope or in the direction of a free face by earthquake and gravitational forces.

[10] Seismic densification (also referred to as cyclic densification or differential compaction) is a phenomenon in which non-saturated, cohesionless soil is densified by earthquake vibrations, causing ground surface settlement.

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We used the procedures presented in Boulanger and Idriss (2014) to evaluate the liquefaction potential at the site. These procedures are updates of the simplified procedures developed by Seed et al. (1971) and Idriss and Boulanger (2008). To estimate volumetric strain and associated liquefaction-induced settlement, we used the procedures developed by Zhang et al. (2002).

These analytical methods calculate a factor of safety against liquefaction triggering by taking the ratio of soil strength (resistance of the soil to cyclic shaking) to the seismic demand that can be expected from a design level seismic event. Specifically, two distinct terms are used in the liquefaction triggering analyses:

- Cyclic Resistance Ratio (CRR), which quantifies the soil's resistance to cyclic shaking, is a function of soil depth, relative density, depth of groundwater, earthquake magnitude, and overall soil behavior
- Cyclic Stress Ratio (CSR), which quantifies the stresses that may develop during cyclic shaking.

The factor of safety (FS) against liquefaction triggering can be expressed as the ratio of CRR over CSR. For our analyses, if the FS for a soil layer is less than 1.3, we judge the soil layer may generate excess pore pressure and liquefy during a large seismic event.

The primary design parameters used in our liquefaction triggering calculations are summarized in Table 11.

TABLE 11
Values Used in Liquefaction Evaluation

Parameter	Value
Depth to groundwater (Historic depth to high groundwater based on monitoring of wells at and near the site)	Approximately 12 feet below ground surface (Elevation 175 feet, NGVD29)
Peak Ground Acceleration (PGA_M)[1]	0.65g
Predominant Earthquake Moment Magnitude (M_w)	7.2
Factor of Safety for Liquefaction Triggering	1.3

1. PGAM is based on site-specific response spectra per Section 21.5 of ASCE 7-16.

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The proposed hospital will include one basement level. The anticipated excavation depth[11] to construct the hospital basement is approximately 24 feet bgs. The energy center and service yard will be constructed about 26 and 22 feet below surrounding grades, respectively. The recommended procedures for implementation of Special Publication 117 (1999) require a minimum depth of 50 feet below lowest proposed bottom of excavation grade for evaluation of liquefaction potential. During our investigation, several of the cone penetration tests CPT-1 to CPT-31 were advanced to depths ranging approximately between 75 and 150 feet bgs to meet the State's guidelines.

In our analyses, soil that has significant amount of plastic fines, I_c greater than 2.6, were considered too cohesive to liquefy. Additionally, soil with a cone tip resistance q_{c1N} greater than 160 tons per square foot (tsf) and/or a corrected shear wave velocity (V_{s1}) greater than 200 meters per second (m/s) was considered too dense to liquefy.

In our assessment, we also considered the approach for soil classification and behavior presented in Robertson (2016). In this approach, CPT data is used to determine dilative and contractive behavior. The soil classification and behavior chart uses the normalized CPT tip resistance and friction ratio to separate material into clayey, sandy, and transitional soil types. The chart further uses another parameter, CD, to divide the dilative and contractive behavior of these soil types. A CD value of 70 or higher separates the soil between contractive and dilative tendencies. To capture transitional and borderline material, we used a CD cut-off value of 80. Soil that was classified as dilative based on the contractive-dilative boundary (Robertson 2016) was considered to have a buildup in pore water pressure and potentially liquefy, however, would not settle significantly.

Layers of medium dense saturated sand, silty sand, and sandy silt varying in thickness from less than approximately ¼- to ½- foot were encountered below the historic high groundwater level of approximately 12 feet bgs. On the basis of the results of our analyses, we conclude several of these layers could potentially liquefy during a major earthquake and may experience liquefaction-induced settlement. However, the layers are 0.1 to 0.5 feet thick, and discontinuous. A summary of our CPT subsurface data, as well as other relevant parameters regarding liquefaction triggering and associated settlement, is presented in Table 12.

[11] The anticipated excavation depths do not account for excavation to construct a working pad.

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TABLE 12

Summary of Liquefaction Potential and Estimated Settlement from CPT Data

CPT Number	Approx. Depth (feet)	Layer Thickness (feet)	I_C	$(q_{c1N})_{CS}$ (tsf)	N_{160}	CSR_{EQ}	$CRR_{7.5}$	Factor of Safety	Volumetric Strain ε_V (%)	Estimated Vertical Settlement (inches)
CPT-1	27.4	0.2	1.9	88	15	0.67	0.12	0.18	1.95	<0.1
									Total Estimated Settlement at CPT-1	**<0.1**
CPT-5	27.2	0.1	2.1	100	12	0.70	0.14	0.20	1.74	<0.1
	28.8	0.3	1.9	84	16	0.71	0.12	0.17	1.95	0.1
									Total Estimated Settlement at CPT-5	**0.1**
CPT-8	25.8	0.1	2.3	99	12	0.70	0.14	0.20	1.83	<0.1
	28.0	0.1	2.0	99	15	0.74	0.14	0.19	1.71	<0.1
									Total Estimated Settlement at CPT-8	**<0.1**
CPT-9	50.3	0.1	2.5	75	6	0.73	0.11	0.15	0.63	<0.1
									Total Estimated Settlement at CPT-9	**<0.1**
CPT-16	37.2	0.1	2.5	94	11	0.72	0.13	0.18	1.27	<0.1
									Total Estimated Settlement at CPT-16	**<0.1**
CPT-21	12.6	0.1	2.5	80	6	0.55	0.12	0.22	3.16	<0.1
									Total Estimated Settlement at CPT-21	**<0.1**
CPT-23	23.2	0.4	2.4	84	8	0.67	0.12	0.18	2.31	0.1
	28.1	0.1	2.2	98	12	0.74	0.14	0.19	1.71	<0.1
									Total Estimated Settlement at CPT-23	**0.1**
CPT-24	28.9	0.1	2.5	85	8	0.71	0.12	0.17	1.94	<0.1
									Total Estimated Settlement at CPT-24	**<0.1**
CPT-27	27.7	0.1	2.3	88	8	0.67	0.12	0.18	1.93	<0.1
									Total Estimated Settlement at CPT-27	**<0.1**
CPT-28	12.3	0.3	2.2	89	8	0.51	0.12	0.24	2.86	0.1
	22.5	0.1	2.5	83	7	0.67	0.12	0.18	2.40	<0.1
									Total Estimated Settlement at CPT-28	**0.1**

The 22- to 26-foot-deep excavation for the basement for the hospital, energy center, and service yard will remove some of the layers with liquefaction potential. We conclude that less than ¼ inch of liquefaction-induced settlement should occur beneath the basement. In the areas of the project site surrounding excavation, we similarly conclude less than ¼ inch of liquefaction-induced-settlement could occur. We conclude up to ¼ inch of differential settlement over a horizontal distance of 30 feet could occur at the site.

The results of our liquefaction analyses are presented in Appendix F.

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7.2.2 Surface Manifestation of Liquefaction

We estimated the potential for surface manifestation (sand boils or ejecta and ground fissures) considering the Ishihara (1985) and Youd and Garris (1995) methods using the non-liquefiable soil cover thickness, liquefiable sand thickness, and maximum acceleration. Layers at the site that may potentially liquefy are thin and have sufficient non-liquefiable soil cover; therefore, we conclude that the potential for sand boils to manifest at the ground surface is low.

7.2.3 Lateral Spreading

Lateral spreading is a phenomenon in which a surficial soil displaces along a shear zone that has formed within an underlying liquefied layer. The surficial blocks are transported downslope or in the direction of a free face, such as a channel, by earthquake and gravitational forces. Lateral spreading is generally the most pervasive and damaging type of liquefaction-induced ground failure generated by earthquakes.

According to Youd et al. (2002), for significant lateral spreading displacements to occur, the liquefied soil should consist of saturated, cohesionless sandy sediments with corrected blow counts $(N_1)_{60}$ less than 15.

The layers encountered at the site that are potentially susceptible to liquefaction are thin, discontinuous, and generally have sufficient plasticity such that they are not cohesionless. Additionally, the site is relatively level and not located near a free face or channel. During the 1906 and Loma Prieta earthquakes, lateral spreading was not observed at the site. We therefore judge the potential for lateral spreading at the site is low.

7.2.4 Seismic Densification

Seismic densification can occur during strong ground shaking in loose, granular deposits above the water level, resulting in ground surface settlement. The degree of susceptibility to seismic densification is directly related to the relative density of the existing granular soils. Seismic densification of non-saturated, cohesionless soil following a major earthquake was analyzed using Tokimatsu and Seed (1984) and Pradel (1998). Some of the borings and CPTs indicate thin layers of loose to medium dense sand with varying amounts of clay and silt are present above the historic high groundwater level (approximately Elevation 175 feet). We estimate seismic densification settlement in these layers of up to approximately ¼ inch during a major earthquake, with differential settlement of approximately ¼ inch over a horizontal distance of 30 feet.

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Within the proposed hospital basement and service yard footprint, the planned excavation will be deep enough to remove the soil susceptible to seismic densification; however, settlement due to seismic densification may occur within the surrounding soils outside of the proposed excavation footprint.

7.3 Slope Stability and Landslides

Considering the relatively flat topography at the site, we consider the hazard from landslides to be nil.

7.4 Flooding

Published maps (Federal Emergency Management Agency 2009) indicate the site is within Zone D, an area in which flood hazards are undetermined, but possible. The project civil engineer should evaluate the potential risk of inundation from flooding.

7.5 Tsunami

Recent maps published by the California Department of Conservation (2021) indicate the project site is not within the tsunami inundation zone; therefore, we conclude the potential risk by inundation from tsunami to be low within the project site. However, these maps may not account for the impact of sea level rise on the potential risk of inundation from a tsunami; the project civil engineer should evaluate the impact of sea level rise on the potential risk of inundation from a tsunami over the service life of the project.

7.6 Asbestos and Other Geologic Hazards

Bedrock is estimated deeper than 1,000 feet below existing site grades. We therefore conclude that potential for naturally occurring asbestos (such as within serpentine bedrock) exposure is negligible. No other geologic hazards such as hydrocollapse of soils, regional subsidence, or Radon-222 gas are documented at the site.

8.0 DISCUSSION AND CONCLUSIONS

From a geotechnical standpoint, we conclude the proposed project is feasible provided the geotechnical issues discussed below are properly addressed during the design and construction of the proposed improvements.

The primary geotechnical issues for this project include:

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- presence of moderately expansive soil
- presence of shallow groundwater level
- selection of appropriate foundation systems to support the building loads and accommodate estimated static and seismic settlements
- support for proposed excavations during construction and associated dewatering
- stability of the soil subgrade at the base of the excavation
- corrosivity of onsite soil

On the basis of our findings, we conclude the proposed hospital, energy center, and service yard improvements can be supported on a mat provided the mat is waterproofed and designed for hydrostatic uplift. To limit the ground settlement to one inch, the proposed tanks at the service yard will need to be supported on piles. Lightly loaded equipment pads constructed at grade can be supported on spread footings or mat foundations bearing on firm, native soil. At-grade improvements will need to be designed and constructed per our recommendations to mitigate the effects of expansive soil. A soldier-pile-and-lagging shoring system with tiebacks or internal bracing can be used to support the proposed excavations.

Our discussions and conclusions regarding the geotechnical aspects of the project are presented in detail in the following sections.

8.1 Expansive Soil Considerations

The existing near-surface soil has moderate expansion potential. Moisture fluctuations in near-surface expansive soil could cause the soil to expand or contract, resulting in movement and potential damage to improvements that overlie them. Potential causes of moisture fluctuations include drying during construction, subsequent wetting from rain, capillary rise, landscape irrigation, and type of plant selection.

For at-grade improvements, the volume changes from expansive soil can cause cracking of foundations, floor slabs, and exterior flatwork. Therefore, foundations and slabs of at-grade structures and concrete flatwork will need to be designed and constructed to resist the effects of the expansive soil. These effects can be mitigated by moisture conditioning the expansive soil and providing select, non-expansive ("select") fill below interior and exterior slabs and deepening shallow foundations to gain support below the zone of severe moisture change.

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An alternative to importing select fill includes lime treatment of the near-surface soil. Lime stabilization beneath at-grade equipment pads and the subgrade of exterior flatwork may be a cost-effective means of improving on-site soils and mitigating expansion potential. Lime treatment is further discussed in Section 8.6.

8.2 Groundwater Considerations

Groundwater was encountered at the site at depths of 18 to 35 feet bgs, corresponding to approximately Elevations 150 to 168 feet. Additionally, data from wells at and near the site indicate the groundwater level has been as high as 12 feet bgs (Elevation 174 feet) within the past ten years. The groundwater level is likely influenced by wet and dry seasons. On the basis of our knowledge of groundwater conditions at the site and in the vicinity, we conclude a high groundwater elevation of Elevation 175 feet is appropriate for design of permanent structures. For design and construction of the temporary shoring system, a lower groundwater level may be used depending on the time of year the shoring is installed.

Because the hospital building will be constructed with one basement level and the energy center and service yard will be constructed about 20 feet below grade, the basement and below-grade walls and foundations will need to be designed to resist hydrostatic pressures (lateral and uplift, respectively,) using a design groundwater level at Elevation 175 feet. If the weight of a structure is not sufficient to resist uplift and/or span between columns, tiedowns can be used to resist the anticipated uplift pressures. The basement/below-grade walls and foundations will need to be waterproofed and waterstops provided across all below-grade construction joints.

8.3 Foundations and Settlement

The primary considerations related to the selection of appropriate foundation systems for the proposed structures are the final excavation depths, final building loads, and the anticipated building settlements resulting from consolidation of moderately compressible soil. Settlements and potential foundation types for the proposed hospital, energy center, service yard and tanks, and at-grade improvements are discussed in the following subsections.

The estimated static settlements presented in the following subsections assume the groundwater level will be lowered about three feet below bottom of the excavations for 14 months during construction. Additional dewatering depth and/or duration can cause an increase in the settlements. If the groundwater level will be lowered more than three feet below

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the bottom of the excavations or for a longer duration, we will need to evaluate the increase of the estimated static settlements.

8.3.1 Hospital

Currently, plans show the finished floor elevation of the basement will extend approximately 16 feet bgs, corresponding to Elevation 172 feet. Additionally, we understand an interstitial space that will extend about four feet from bottom of basement floor slab to top of foundation will be utilized for installation of utilities. Based on a preliminary mat foundation thickness of four feet, the anticipated depth of the excavation is approximately 24 feet bgs, corresponding to approximately Elevation 164 feet. The soil at the bottom of the proposed excavation will consist predominantly of stiff to very stiff clay and medium dense to dense sand. Therefore, we conclude the hospital basement can be supported on a mat foundation provided the estimated static settlements discussed below are acceptable. Design recommendations for a mat foundation are presented in Section 9.2.

The proposed excavation and removal of about 24 feet of soil for the hospital basement will provide a stress reduction in the underlying soils of about 2,300 psf. Laboratory test results and CPT data indicate the clay below the proposed excavation is overconsolidated, with OCRs of 1.1 to 2.0. The estimated building foundation pressure (including the weight of mat foundation and the weight of fill placed within the interstitial space) is about 2,200 psf, similar to the weight of soil removed during excavation; therefore, we anticipate static settlement will be limited to recompression of the stiff to very stiff clay under the new building loads.

Initially, as the proposed excavation is made, the removal of soil will result in pressure relief and the base of the excavation will rebound (rise), especially near the center of the excavation. Our calculations estimate rebound of up to three inches near the center of the excavation, which will occur as the excavation proceeds (and therefore will not be noticed during construction). As the foundation is constructed and building loads are applied, the underlying clay will partially recompress. We calculate the settlement associated with this recompression will be on the order of ¾ inch near the edge of the mat and about 1½ inches near the center of the mat. We estimate post-construction differential settlement between the edge and center of the mat (over a horizontal distance of about 120 feet) will be on the order of ¾ inch; this estimate does not include the rigidity of the foundation system, which would tend to reduce the differential settlement. In addition, as previously discussed, we estimate liquefaction-induced total settlement of up to ¼ inch, with about ¼ inch of differential settlement over a horizontal distance of 30 feet, could occur during a major earthquake beneath the basement.

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8.3.2 Energy Center

The finished floor elevation for the lower level of the energy center will extend approximately 19½ feet bgs, corresponding to Elevation 168.5 feet. Additionally, we understand an interstitial space that will extend about four feet from bottom of basement floor slab to top of foundation will be utilized for installation of utilities. Based on a preliminary mat foundation thickness of two feet, the anticipated depth of the excavation is approximately 25½ feet bgs, corresponding to approximately Elevation 162.5 feet. The soil at the bottom of the proposed excavation will consist predominantly of stiff to very stiff clay and medium dense to dense sand. Therefore, we conclude the energy center can be supported on a mat foundation provided the estimated settlements discussed below are acceptable. Design recommendations for a mat foundation are presented in Section 9.2.

The proposed excavation and removal of about 25½ feet of soil will provide a stress reduction in the underlying soils of about 2,400 psf. As discussed in Section 8.3.1, laboratory test results and CPT data indicate the clay below the proposed excavation is overconsolidated, with OCRs of 1.1 to 2.0. We estimate the foundation pressure will be about 1,350 psf (including weight of mat foundation and weight of fill placed within interstitial space). Because the stress reduction from the soil removal exceeds the building foundation pressure, we anticipate static settlement will be limited to recompression of the upper clay.

The estimated rebound during excavation for the energy center and service yard will be similar to the estimates provided in Section 8.3.1 for the hospital excavation. As the foundation is constructed and building loads are applied, the clay will partially recompress. We calculate the recompression settlement will be on the order of ¾ inch near the edges and 1¼ inches near the center of the mat, respectively. We estimate post-construction differential settlement between the edge and center of the mat (over a horizontal distance of about 30 feet) will be on the order of ½ inch; this estimate does not include the rigidity of the foundation system, which would tend to reduce the differential settlement. As previously discussed, we estimate liquefaction-induced total settlement of up to ¼ inch and differential settlement of about ¼ inch over a horizontal distance of 30 feet could occur during a major earthquake beneath the building.

8.3.3 Service Yard and Tanks

The finished floor elevation for the service yard will extend approximately 20 feet bgs, corresponding to Elevation 168 feet. Additionally, two proposed at-grade storage tanks will be

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placed in the northeast corner of the service yard. Settlements and feasible foundations for the service yard and tanks are discussed in the following subsections.

8.3.3.1 Service Yard

The service yard slab will be below the design groundwater level (Elevation 175 feet); therefore, the slab will need to be designed as a mat or structural slab and be waterproofed and designed to resist hydrostatic uplift loads. We anticipate that equipment pads within the service yard will be relatively lightly loaded and will be integrated into the service yard mat. Design recommendations for a mat foundation are presented in Section 9.2. Tiedown anchors can be used to resist uplift loads where the weight of the mat is not sufficient for resist hydrostatic uplift; recommendations for design of tiedowns are provided in Section 9.8.

Based on a preliminary mat thickness of two feet, the anticipated depth of the excavation for the service yard is approximately 22 feet bgs, corresponding to approximately Elevation 166 feet. We anticipate the soil at the bottom of the excavation will consist predominantly of stiff to very stiff clay and medium dense to dense sand.

The stress reduction and estimated rebound in underlying soils during excavation for the service yard will be similar to the estimates provided in Section 8.3.2 for the energy center. After the construction of the mat, the clay will partially recompress under the weight of the mat. The settlement associated with this recompression will be up to ½ inch in the center of mat and up to ¼ inch at the edges of the mat. We estimate post-construction differential settlement will be on the order of ¼ inch over a horizontal distance of about 125 feet between the center and edges of the mat; this estimate does not include the rigidity of the foundation system. As previously discussed, we estimate liquefaction-induced total settlement of up to ¼ inch and differential settlement of ¼ inch over a horizontal distance of 30 feet could occur during a major earthquake beneath the service yard.

8.3.3.2 Service Yard Tanks

Based on the preliminary tank loads provided by KPFF, we conclude there will be a significant increase in overburden pressure from the at-grade tanks within the service yard (Elevation 168 feet). Assuming the tanks are supported on a mat foundation with an average foundation pressure for dead plus live loads of 3,250 psf, we estimate the resulting static settlement would be on the order of three inches. To reduce settlement to one inch or less, pile foundations gaining support in skin friction in the underlying stiff clay and dense sands will be needed to support the tanks. Design recommendations for piles are presented in Section 9.3.

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On the basis of our past experience at sites in the vicinity, we conclude a drilled pile system, such as augered cast-in-place (ACIP) piles or similar pile system is the most practical for the tanks within the service yard. ACIP piles are a low-vibration, low-noise, deep foundation option. ACIP piles are installed by drilling to the required depth with a hollow-stem, continuous-flight auger. When the auger tip reaches the required depth or refusal, as indicated by predetermined depth or refusal criteria, grout is injected through the ports in the hollow stem auger. Grout is injected under pressure as the auger is slowly withdrawn, replacing the soil removed by the drilling operation. While the grout is still fluid, a steel reinforcing cage and center bar is inserted into the shaft. ACIP piles can range in diameter; 16-inch-, 18-inch, and 24-inch-diameter piles are typical.

We evaluated the static settlement of a deep foundation system consisting of groups of ACIP piles using the preliminary dead plus live tank loads provided by KPFF. Based on our discussions with the design team, we considered 60-foot-long ACIP piles. The loads were modeled as equivalent footings at a depth of about two-thirds of the pile length. We calculate that the proposed tanks will settle about one inch at the center of the pile-supported tank pads and up to ½ inch at the edges of the pads. We estimate post-construction differential settlement will be on the order of ½ inch between the center and edge of the tank pads. Because the piles will extend through potentially liquefiable soil layers, we anticipate that seismically induced settlements will not impact the tanks. Additional differential seismically induced settlement on the order of ¼ inch could occur between the pile-supported tanks and the adjacent service yard mat. Because the thickness of the potentially liquefiable soil layers is less than ½ foot, we conclude the downdrag load resulting from liquefaction-induced settling soil is negligent.

Piles will need to be load tested to confirm the design values. ACIP piles can also be integrity tested by methods such as thermal integrity profiling (TIP) and crosshole sonic logging (CSL). TIP is performed by embedding thermal wires within the pile concrete that read the concrete temperature during curing. The temperature sensors are typically spaced every foot along the length of the wire. The wires are typically attached to a center bar or reinforcing cage. During curing of the concrete, the hydrating cement generates heat, increasing the temperature in the shaft. The temperature readings during curing can be correlated to evaluate pile shape and integrity, concrete quality, and location of reinforcing cage. TIP is standardized by ASTM D7949 – Standard Test Methods for Thermal Integrity Profiling of Concrete Deep Foundations.

Piles are prepared for integrity testing by CSL during their construction by installation of at least four 2-inch-inside-diameter tubes. These tubes are usually attached to the reinforcing cage along

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the full length of the elements. After concrete has been poured, the tubes are filled with water. During testing, a transmitter emits an ultrasonic signal in one tube, and the signal is sensed sometime later by the receiver in another tube. Poor concrete or soil inclusions between the tubes will delay or disrupt the signal. CSL integrity testing is standardized by ASTM D6760 – Standard Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Crosshole Testing.

Installation of ACIP piles will generate some spoils. Spoils generated during drilling may be used as fill, provided the material meets the recommendations in Section 9.1.

8.3.4 At-Grade Improvements

Settlements and potential foundation types for at-grade equipment pads and other lightly loaded ancillary structures constructed at grade are discussed in the following subsections. Equipment pads and shallow foundations for at-grade structures will need to be designed to mitigate the effects of expansive soil, as discussed in Section 8.1.

8.3.4.1 At-Grade Equipment Pads

Current plans show four generator enclosures, and an electrical equipment yard will be constructed at grade to the east of the service yard, between the service yard retaining wall and Camino Verde Drive. We conclude the lightly loaded equipment pads constructed at grade can be supported on spread footings or mat foundations bearing on firm, native soil. A deepened continuous footing or downturned edge will be needed at the perimeter of the equipment pads to mitigate the effects of expansive soil. Design recommendations for shallow foundations for equipment pads are presented in Section 9.4.1.

For the relatively lightly loaded at-grade equipment pads, assuming average foundation pressures between 100 and 250 psf, we estimate static settlements of approximately ¼ inch will occur. Static differential settlement over a horizontal distance of about 30 feet is anticipated to be about ¼ inch. We estimate total seismically induced (liquefaction plus seismic densification) settlement of up to ½ inch, and about ½ inch of differential settlement over a horizontal distance of 30 feet could occur during a major earthquake.

At-grade equipment pads will be underlain by moderately expansive soil. In addition to constructing the pads with a continuous perimeter footing or downturned edge, the pads will need to be underlain by non-expansive soil to mitigate the potential for movement of the slabs where expansive soil is present. The non-expansive soil can consist of select (non-expansive) fill

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or lime treated on-site soil. The purpose of the lime treatment is to reduce the expansion potential of the surface soil and provide a firm surface for construction of the pad. Lime treatment is discussed in Section 8.6.

8.3.4.2 Ancillary Structures

We understand other ancillary structures, including site retaining walls, are planned. Structural loads are currently unavailable for these structures; however, we anticipate that the loads will be relatively low. Lightly loaded ancillary structures can be supported on deepened spread footings bearing in stiff clay or engineered fill that was prepared in accordance with our recommendations. Design recommendations for shallow foundations supporting ancillary structures are presented in Section 9.4.2.

For the relatively lightly loaded structures, assuming an allowable dead plus live load bearing pressure of approximately 500 to 750 psf and 5-foot-square footings, we estimate static settlements of approximately ½ to 1 inch could occur, respectively. Static differential settlement over a distance of about 30 feet is anticipated to be less than ½ inch. In addition, we estimate total seismically induced (liquefaction plus seismic densification) settlement of up to ½ inch and about ½ inch of differential settlement over a horizontal distance of 30 feet could occur during a major earthquake.

8.3.4.3 Light Poles

Light poles can be supported on drilled piers embedded in stiff clay. Although structural loads for light poles were not available at the time this report was prepared, we anticipate they will be relatively light. We anticipate drilled piers supporting light poles could settle up to approximately ½ inch under anticipated loads. Recommendations for design of light pole foundations are provided in Section 9.4.3.

8.4 Dewatering

Excavations that extend below groundwater will need to be dewatered. Variables that influence the performance of a dewatering system and the quantity of water produced include the number of wells, the depth and positioning of the wells, the interval over which each well is screened, and the rate at which each well is pumped. Different combinations of these variables can be used to successfully dewater the site.

During excavation, the groundwater table within the site will need to be drawn down to at least three feet below the bottom of the excavation and maintained at that depth until sufficient

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building weight is available to resist the hydrostatic uplift pressure of the design groundwater level.

Because of the size of the site, a system of perimeter wells (within the excavation) may not sufficiently dewater it. Interior wells may also be needed to adequately dewater the site and reduce disturbance to the subgrade. In addition to the wells, a working pad, if needed (see Section 9.7), can be used as a temporary drainage blanket to assist with the dewatering of the site.

Widespread dewatering can result in subsidence of the area around the site due to increases in effective stress in the soil. We anticipate up to ½ inch of settlement could occur as a result of lowering the groundwater level outside the excavation. The estimated settlement assumes the groundwater level will be lowered 3 feet below the bottom of the planned excavations for a period of 14 months.

8.5 Shoring Considerations

Construction of the hospital, energy center, and service yard will require excavations of about 22 to 26 feet below the existing site grades. Temporary shoring will be required to laterally restrain the sides of the excavation and limit the movement of adjacent improvements. There are several key considerations in selecting a suitable shoring system. Those we consider to be primary concerns are:

- protection of surrounding improvements, including roadways, utilities, and adjacent structures
- penetration of shoring supports into the clay and sand below the bottom of the excavation
- proper construction of the shoring system to reduce the potential for ground movement
- cost.

Based on the anticipated excavation depths, we conclude that soldier piles with wood lagging are a feasible shoring system for the project. A soldier-pile-and-lagging system consists of concrete encased steel H-beams placed in predrilled holes extending below the bottom of the excavation. Wood lagging is placed between the piles as the excavation proceeds.

During excavation, the shoring system is expected to move and deform, which could cause surrounding improvements to settle and move. The magnitude of shoring movements and resulting settlements of the ground surface behind shoring walls are difficult to estimate because

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they depend on many factors, including the method of installation and the contractor's skill in the shoring installation. Clough and O'Rourke (1990) summarized the measured settlements adjacent to excavations in sand and concluded that the settlements varied from 0.1 to 0.3 percent of the excavation depth. The data also show the settlements at some sites where the excavations were shored with a soldier-pile-and-lagging system were higher than these values. Therefore, for an excavation depth of 22 to 26 feet, we estimate settlement immediately behind the shoring wall could be on the order of ¼ to 1 inch. These settlements assume the quality of construction will meet or exceed that considered standard in the construction industry. The settlement will decrease with distance from the wall and will be small at a distance twice the excavation depth.

The shoring system for the basement level will require either grouted tiebacks or internal bracing, depending on whether encroachment permits can be obtained to drill beneath the adjacent properties. Internal braces will be required if there are below-grade obstructions precluding the use of tiebacks or if extending them beyond property lines is not permitted. We understand that tiebacks can be used within the public right-of-way and the Kaiser property, and internal cross bracing or raker bracing will be required where the excavation is adjacent to the gas station.

Because of the potential for blowout in the lower sand layers below the bottom of the excavation due to hydrostatic upheave, it may be necessary to depressurize these layers. This may require continuous dewatering until there is sufficient weight of mat foundation and/or building. If continuous dewatering is an issue, then a cutoff wall could be used to reduce the amount of dewatering.

As discussed in Section 8.4, lowering the groundwater table outside of the excavation could cause settlement of surrounding improvements. If the estimated ground movements due to lowering the groundwater table and deformation of the shoring system near the surrounding structures are unacceptable, it may be necessary to use a stiffer, impermeable shoring system such as soil-cement-mix wall for the shoring, which will potentially reduce the amount of dewatering and associated settlements. A monitoring program will need to be established to evaluate the effects of the construction on the adjacent improvements.

8.6 Lime Treatment

Lime treatment can be a cost-effective means of improving on-site materials for use as non-expansive fill below at-grade equipment pads and concrete flatwork. Lime treatment can strengthen the soil and reduce its expansive potential. However, the final result of the lime treatment depends on many factors including the type of on-site material and the lime, and the

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process of applying the lime, mixing, curing, remixing, and compaction. The primary geotechnical concerns for the lime treatment include the following:

- Preparing the site to reduce high and low spots that would adversely affect mix design in the even distribution of lime.
- Determining the thickness of soil to be treated, the type of lime to be used, the amount to be applied and method of application to produce uniformity.
- Mixing the lime and soil with water; water is used to hydrate the lime and achieve activation of the cation exchange, flocculation-agglomeration reactions. Activation of these reactions is required to increase mixture strength and durability.
- Curing the lime treated soil; lime-treated soil must be allowed to cure to allow the lime to completely react with the soil. Temperature and moisture are two important factors that affect curing times.
- Conditioning the areas to receive the lime treated soil with water.
- Compacting the lime treated soil; the moisture-density relation for a lime-treated soil mixture is dependent on the curing time. If the soil-lime mixture is reworked at a later date following initial construction, the maximum dry density[12] and optimum moisture content for the mixture will be different.
- Testing the lime-treated soil to confirm desired strength is achieved.

Quality control of the lime treatment is therefore important if the desired results are to be achieved. Our recommendations for quality control of lime treatment are presented in Section 9.1.5.

8.7 Construction Considerations

We anticipate soil excavated from the site can be removed with conventional earthmoving equipment such as excavators and backhoes. The project site is occupied by pavements and landscaping areas that will be removed. However, if buried foundations or other structures are encountered during excavation, the use of jackhammers or hoe-rams may be required to break apart and remove the obstructions.

Heavy vibratory equipment should not be used during site preparation and grading, especially near excavation subgrade; a vibratory compactor will likely cause a capillary rise of the

[12] The maximum dry density is the maximum density as determined by the ASTM D1557 laboratory compaction procedure. The optimum moisture content is the moisture content at which the soil achieves its maximum dry density.

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groundwater, creating a wet subgrade that may become unstable and unsuitable for support of a mat foundation or construction equipment. If site grading is performed during wet weather, the exposed soil subgrade may become wet and difficult to compact. Wet soil may need to be aerated during dry weather prior to compaction, or the wet soil can be excavated and replaced with drier soil or aggregate base. If needed, the soil can be lime treated to aid in compaction.

8.8 Corrosion Potential

Corrosive soil can adversely affect underground utilities and foundation elements; therefore, laboratory testing was performed as part of this investigation to evaluate the corrosivity of the near-surface soil.

CERCO Analytical performed tests on soil samples to evaluate corrosion potential to buried metals and concrete. The results of the tests are summarized in Table 13 and presented in Appendix D.

TABLE 13
Summary of Corrosivity Test Results

Test Boring	Sample Depth (feet)	pH	Sulfates (mg/kg)	Resistivity (ohms-cm)	Redox (mV)	Chlorides (mg/kg)
B-2	4.0	8.34	17	3,600	240	N.D.
B-9	2.5	8.09	N.D.	3,100	230	N.D.
B-10	3.0	8.21	N.D.	2,400	240	N.D.
B-14	2.5	7.35	15	2,100	240	N.D.

Note:
1. N.D. = None Detected

Based upon resistivity measurements, the soil samples tested are classified as "moderately corrosive" to buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron. All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron will need to be properly protected against corrosion depending upon the critical nature of the structure. For more detailed recommendations regarding the corrosion protection of buried metals and concrete, a licensed corrosion consultant should be retained.

8.9 Stormwater Management

The near-surface soil generally consists of clay which has low permeability. If site improvements will include permeable pavers and bioretention planters, infiltration will be limited, and subdrains

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will need to be provided to direct water to a suitable outlet. Because the clay is moderately expansive, permeable pavers, bioretention planters, and other stormwater management measures (e.g., bio-swales) will need to be lined with an impermeable membrane to reduce the potential for poor pavement performance. Infiltration systems will need to be set back at least 10 feet from the proposed buildings, pavements, and flatwork.

9.0 RECOMMENDATIONS

Recommendations for site preparation, foundation support, shoring design, below-grade walls, seismic design, and other geotechnical aspects of the project are presented in the following sections of this report.

9.1 Earthwork

The following subsections present recommendations for site preparation, subgrade preparation, and fill placement.

9.1.1 Site Preparation

An existing water utility well operated by Valley Water is located within the project limits, on the northeast side of the hospital, as shown on Figures 2 and 3. We understand the well will be protected during construction of the project; the protection method should be determined by the project general contractor. The presence of the well will need to be considered in the temporary shoring design, so that tiebacks are aligned around the well location. Valley Water should be consulted regarding whether they require a minimum distance be maintained for tiebacks near the well.

Demolition in areas to be developed should include the removal of existing pavement and underground obstructions, including foundations of any previous structures at the site. Any vegetation and organic topsoil should be stripped in areas to receive new site improvements. Stripped organic soil can be stockpiled for later use in landscaped areas, if approved by the owner and architect; organic topsoil should not be used as compacted fill.

Demolished asphalt and concrete at the site can be crushed to provide recycled construction materials, including sand, free-draining crushed rock, or Class 2 aggregate base (AB), provided their re-use onsite is acceptable from an environmental standpoint. Where crushed rock will be used in applications where free-draining materials are required, the rock should have no greater than six percent of material passing the 3/8-inch sieve. Where recycled Class 2 AB will be used

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beneath pavements and flatwork, it should meet requirements of the Caltrans Standard Specifications. Where crushed concrete or asphalt are mixed with soil to be used as fill, particles between 1½ and 3 inches in greatest dimension should comprise no more than 30 percent of the fill by weight.

Existing underground utilities beneath areas to receive new improvements should be removed or abandoned in-place by filling them with grout. The procedure for in-place abandonment of utilities should be evaluated on a case-by-case basis and will depend on location of utilities relative to new improvements. However, in general, existing utilities within four feet of final grades should be removed, and the resulting excavation should be properly backfilled based on the recommendations presented in this section. Where utilities to be removed extend off site, they should be capped or plugged with grout at the property line. It may be feasible to abandon utilities in-place, outside the proposed excavation footprint, provided they will not interfere with future utilities or structures. If utilities are abandoned in-place, the pipes should be completely filled with flowable cement grout over their entire length within the site limits.

9.1.2 Subgrade Preparation for Mat Foundation

Because the excavation for the hospital, energy center, and service yard will extend below the design groundwater level, the clayey soil where exposed at the subgrade level will be near saturation even after dewatering. To protect the subgrade, we recommend heavy construction equipment not be allowed within three feet of the subgrade elevation and that the final excavations be made with excavators or backhoes with smooth buckets. Without an extended period for drying, we judge the subgrade may not support even light equipment and foot traffic without experiencing excessive disturbance. To help protect the subgrade if it is susceptible to disturbance, we recommend excavating to below the planned bottom of mat and backfilling the overexcavation with crushed rock. This layer of crushed rock (working pad) can also be used as part of a dewatering system (further discussed in Section 9.7).

For the working pad, we anticipate an excavation of about 12 inches will suffice if used in conjunction with a woven reinforcing fabric (geotextile), such as Mirafi 500x (or equivalent). After placing the reinforcing fabric on the exposed subgrade, the excavation should be backfilled with clean one-inch minus crushed rock or similar material. The shoring system should be designed to accommodate the additional excavation for crushed rock placement.

Because the foundation for hospital, energy center, and service yard will be below the design groundwater level, we recommend waterproofing the base of the foundation and the

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below-grade walls. A 3- to 4-inch-thick mud slab (thin layer of lean concrete) can be placed on the crushed rock and then the waterproofing can be installed, and the mat constructed. The waterproofing should be placed directly on a mud slab and be covered by a second mud slab. The mud slab covering should reduce the potential for damage to the waterproofing and provide a firm, smooth surface on which to place the reinforcing steel for the mat. We recommend the waterproofing be placed in accordance with the manufacturer's specifications. If they differ from our recommendations, the manufacturer's specification should be followed to preserve their warranty.

The soil subgrade should be free of standing water, debris, and disturbed materials prior to placing the reinforcing fabric and crushed rock. If loose, weak, or disturbed material is observed in the excavation, it should be excavated to firm, competent material and replaced with lean concrete. We should check the exposed subgrade after cleaning and prior to placement of the working pad, mud slab or waterproofing.

9.1.3 Subgrade Preparation for At-Grade Improvements

The near-surface soils are moderately expansive. The subgrade exposed after demolition, stripping, and site clearing, as well as any subgrade that will receive new fill or site improvements, should be scarified to a depth of 12 inches, moisture-conditioned to at least three percent above optimum moisture content, and compacted to between 88 and 93 percent relative compaction[13]. In areas where the native subgrade has low expansion potential, the subgrade should be scarified to a depth of 8 inches, moisture-conditioned to above optimum moisture content, and compacted to at least 90 percent relative compaction. Within vehicle pavement areas, the upper six inches of the pavement soil subgrade should be compacted to at least 95 percent relative compaction, regardless of expansion potential.

The prepared soil subgrade should be kept moist until it is covered by engineered, non-expansive (select or lime-treated) soil. If site grading occurs in late summer or in fall, the surface soil may be dry to depths exceeding 12 inches. Therefore, prior to grading, we should perform moisture content tests on the upper three feet of soil subgrade within at-grade improvement areas. Surface soil that has a moisture content of less than 20 percent (the approximate plastic limit of the soil) should be excavated, moisture-conditioned to at least three percent above optimum moisture content and compacted to between 88 and 93 percent relative compaction to reduce

[13] Relative compaction refers to the in-place dry density of soil expressed as a percentage of the maximum dry density of the same material, as determined by the ASTM D1557 laboratory compaction procedure.

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its expansion potential. We anticipate the maximum depth of required excavation for moisture conditioning will be two feet.

For improved performance of the hardscape improvements, we recommend concrete flatwork be underlain by at least 12 inches of engineered, non-expansive soil. At least four inches of Class 2 aggregate base material (or the minimum thickness per City of San Jose Standards) compacted to at least 95 percent relative compaction, should be placed over the non-expansive soil. The non-expansive soil should extend at least three feet beyond the slab edges.

If soft or loose soil is encountered at subgrade, the unsuitable material should be removed and be replaced with suitable fill that is properly compacted and moisture conditioned. The subgrade should be kept moist until it is covered with fill or other improvements. If the compacted subgrade is disturbed, it should be re-rolled to provide a smooth, firm surface. Clay exposed at the foundation level may be susceptible to disturbance under construction equipment traffic. Heavy construction equipment should not be allowed directly on the final subgrade. It may be necessary to lime treat or to place a temporary layer of crushed rock to protect the final subgrade.

9.1.4 Fill Placement

We anticipate fill placement at the site will consist primarily of backfill for utility trenches and grading for flatwork and hardscapes. Additionally, fill will be placed at an interstitial space between the mat and basement floor slab within the hospital and energy center footprints.

We anticipate that soil excavated during construction will generally be acceptable for use as general fill and backfill. Any on site soil used as fill and backfill should meet the following criteria:

- be free of organic matter or other deleterious material
- contain no rocks or lumps larger than three inches in greatest dimension
- be non-hazardous and approved by the project corrosion consultant
- be approved by Langan.

Soil excavated near or below the groundwater will require significant drying before it can be used as fill and compacted to the specified relative compaction.

Select fill should consist of either on-site or imported fill that meets the following criteria:

- be free of organic matter or other deleterious material

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- contain no rocks or lumps larger than three inches in greatest dimension
- have a low expansion potential (defined by a liquid limit of less than 40 and plasticity index lower than 12)
- have at least 20 percent fines (particles passing the No. 200 sieve)
- be non-hazardous
- be approved by the project corrosion consultant
- be approved by Langan.

Fill consisting of on-site clay with moderate expansion potential (upper 5 feet of onsite soil) should be placed in horizontal lifts not exceeding eight inches in uncompacted thickness, moisture-conditioned to at least three percent above optimum moisture content and compacted to between 88 and 93 percent relative compaction. On-site soil with low expansion potential and select fill should be placed in horizontal lifts not exceeding eight inches in uncompacted thickness, moisture-conditioned to near optimum moisture content, and compacted to at least 90 percent relative compaction for fill thicknesses equal or less than five feet and 95 percent compaction for fill thicknesses greater than five feet. If imported clean sand or gravel (defined as soil with less than 10 percent fines) is used as backfill, it should be compacted to at least 95 percent relative compaction regardless of fill thickness. Any imported soil will need to be meet any analytical testing requirements established by owner and Langan's environmental personnel.

Fill placed at the interstitial space between the mat and basement floor slab for the hospital and energy center should consist of one or more of the following:

- compacted sand fill meeting the requirements of select fill in this section
- aggregate base compacted to 95 percent relative compaction (recycled aggregate base is acceptable from a geotechnical perspective but should be confirmed by Langan's environmental personnel)
- lean concrete, controlled density fill (CDF), or lightweight cellular concrete.

During construction, we should check that the on-site soil and/or any proposed import material is suitable for use as fill. Samples of all fill should be submitted to Langan for testing at least three business days prior to use at the site. A flowable cement grout, such as lean concrete or CDF, may also be used as backfill under most conditions, but we should be consulted prior to its use.

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9.1.5 Lime Treatment

As an alternative to placement of select fill below the at-grade equipment pads and exterior concrete flatwork, the upper 12 inches of the soil subgrade (measured below Class 2 aggregate base) can be treated in place with dolomitic quicklime. The degree to which lime will react with soil depends on such variables as type of soil, minerals present, quantity of lime, and the length of time the lime-soil mixture is cured. The quantity of lime added generally ranges from 5 to 7 percent by dry weight of the soil and should be determined by laboratory testing. If lime is intended to reduce swelling potential and/or increase the strength of the soil, the contractor should collect a bulk sample of the soil and perform laboratory tests to determine what type of lime will react with the soil and how much lime will be required to reduce the plasticity index to meet the criteria for select fill. We recommend a minimum of six percent lime by weight be used.

The limit of lime treatment should extend at least three feet beyond the slab and flatwork edges. Prior to lime treatment, the site should be graded to a level pad elevation in accordance with our previous recommendations and all below-grade obstructions be removed. The soil treated with lime should be mixed and compacted in one lift. The lime should be thoroughly blended with the soil and allowed to cure for 24 hours prior to compaction. The lime-treated soil should be moisture-conditioned to above optimum moisture content and compacted to at least 90 percent relative compaction. Lime-treated soil should be removed from landscaping areas as it will inhibit growth of vegetation. It should be noted that disposal of lime-treated soil is typically expensive because of the high pH of the treated soil.

A specialty subcontractor typically performs lime treatment, and we recommend this work be performed only by an experienced contractor. Field quality control measures should include checking the depth of lime treatment, degree of pulverization, lime spread rate measurement, lime content measurement, and moisture content and density measurements, and mixing efficiency. Quality control will also include laboratory tests for expansion potential and plasticity index on representative samples. If the lime treatment alternative is selected, we recommend that the specialty contractor prepare a soil treatment specification for our review prior to construction. Lime treated soil should have a low expansion potential (defined by a liquid limit of less than 40 and plasticity index lower than 12, and an Expansion Index of less than 50).

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9.1.6 Utility Trenches

The corrosivity test results provided in Appendix D should be reviewed and corrosion protection measures used to protect below-grade utilities, if needed. A corrosion engineer should be retained if corrosion recommendations are needed.

Utility trenches should be excavated a minimum of four inches below the bottom of pipes or conduits and have clearances of at least four inches on both sides. Where necessary, trench excavations should be shored and braced, in accordance with all safety regulations, to prevent cave-ins. Where sheet piling is used as shoring, and is to be removed after backfilling, it should be placed a minimum of two feet away from the pipes or conduits to prevent disturbance to them as the sheet piles are extracted. It may be difficult to drive sheet piles if coarse grained gravel layers or buried obstructions are encountered.

Backfill for utility trenches should be compacted according to the recommendations presented for the general site fill. Jetting of trench backfill is not permitted. To provide uniform support, pipes or conduits should be bedded on a minimum of four inches of sand or fine gravel. After pipes and conduits are tested, inspected (if required), and approved, they should be covered to a depth of six inches with sand or fine gravel, which should then be mechanically tamped or compacted with a vibratory plate. Backfill should then be placed as recommended for fill. Where utility trenches extend below the design groundwater elevation, any sand or gravel with less than 10 percent fines used as pipe bedding, shading, or cover should be wrapped in a filter fabric such as Mirafi 140N.

Where utility trenches backfilled with sand or gravel enter the at-grade equipment pads, an impermeable plug consisting of native clay or lean concrete, at least five feet in length and the full depth and width of the trench, should be installed at the edge of the pad. Further, where sand- or gravel-backfilled trenches cross planter areas and pass below asphalt or concrete pavements, an impermeable plug consisting of native clay or lean concrete, at least five feet in length and the full depth and width of the trench, should be installed at the edge of the pavement. The purpose of these plugs is to reduce the potential for water to become trapped in trenches beneath the concrete slabs and pavements. Trapped water can cause heaving of soils beneath slabs and softening of subgrade soil beneath pavements.

Special care should be taken in controlling utility backfilling in pavement areas. Poor compaction may cause excessive settlements, resulting in damage to exterior improvements.

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9.2 Mat Foundation

The proposed hospital and energy center can be supported on mat foundations. Additionally, the service yard slab should be constructed as a mat or structural slab. The mats should gain support in undisturbed stiff to very stiff clay and medium dense to dense sand. We expect the average bearing pressure from the mat will be on the order of 2,200 psf for the hospital and about 1,350 psf for the energy center, based on estimated column loads and a column spacing of about 30 feet. Average bearing pressure for the service yard mat/slab is anticipated to be low, about 300 psf. However, concentrated stresses may occur at interior columns, at the edges of the mats, and at the location of equipment pads within the service yard. We recommend mats for the hospital, energy center, and service yard be designed to impose a maximum dead plus live load pressure under columns and walls equivalent to an allowable bearing capacity of 3,000 psf. This value includes a factor of safety of at least 2.0 and can be increased by one-third for total design loads, including wind or seismic forces to account for a factor of safety of at least 1.5. This is equivalent to an ultimate bearing capacity of 6,000 psf. During a seismic event, these pressures could be exceeded under portions of the mat; we should review the predicted stress distributions when available.

For the initial design of the mats/slabs using the modulus of subgrade reaction method, we recommend using the moduli of subgrade reaction for the static condition and the seismic condition presented in Table 14. The moduli are representative of the anticipated settlement under the preliminary building and foundation loads. After the mat analyses are completed, we should review the computed settlement and bearing pressure plots to check that the moduli of subgrade reaction are appropriate and provide updated moduli, if needed. We anticipate an iterative process with the project structural engineer will be needed to converge on a solution.

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TABLE 14
Summary of Recommended Moduli of Subgrade Reaction

Building/Improvement	Modulus of Subgrade Reaction for the Static Condition (kcf[1])	Modulus of Subgrade Reaction for the Seismic Condition[2] (kcf)	Applicable Average Foundation Pressure[3] (psf[4])
Hospital	17	30	2,200
Energy Center	13	30	1,350
Service Yard	7	30	300

Notes:
1. kcf = kips per cubic foot
2. Estimated using method presented in FEMA 356 (Chapter 4, Section 4.4.2.1 Shallow Bearing Foundations) and based on a zone of influence depth of approximately two times the width of the mat foundation
3. The static modulus is applicable for the noted average foundation pressure for dead plus live loads
4. psf = pounds per square foot

The mats/slabs should be designed to resist hydrostatic uplift associated with the design groundwater level of Elevation 175 feet. If additional uplift resistance is needed, tiedown anchors can be used; recommendations for tiedown anchors are provided in Section 9.8. Because the mats will be below the design groundwater level, we recommend that they be waterproofed as recommended in Section 9.1.2. A waterproofing consultant should be retained to provide recommendations for the type of waterproofing and its installation.

Lateral forces on mats can be resisted by a combination of friction along the base of the mat and passive resistance against the vertical faces of the foundation. Where bentonite-based membranes, such as Paraseal and Voltex, are used to waterproof the mat, a friction factor of 0.15 should be used at the base of the mat. Friction factors for other types of waterproofing membranes can be provided upon request. To calculate the passive resistance against the vertical faces of the mat, we recommend a uniform pressure of 1,750 psf. The friction coefficient and passive pressure values include a factor of safety of 1.5.

9.3 Deep Foundations

We recommend the proposed service yard tanks located in the northeast corner of the service yard be supported on ACIP piles. The ACIP piles will gain support in friction in the underlying stiff clay and dense sands. Recommendations for ACIP piles are presented below.

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9.3.1 Axial Capacity

We performed axial pile capacity analyses using methodologies following FHWA Geotechnical Circular 8 (FHWA 2007) and NAVFAC 7.2 considering only skin friction resistance (i.e., no end bearing resistance). Recommended ultimate compressive and uplift pile capacities for 18-inch- and 24-inch-diameter ACIP piles are presented in Figure 11, for up to 80-foot-long piles. A factor of safety of 2.0 should be used to calculate allowable compressive or permanent uplift capacities for dead plus live loads and a factor of safety of 1.5 should be used for allowable total loads (including wind and seismic) and temporary uplift capacities. The load placed on the pile should not exceed the structural capacity of the piles, as determined by the 2022 CBC. The factors of safety recommended in this section should be confirmed with a load test program as recommend in Section 9.3.3.

Deep foundation elements should be spaced at least three pile widths or diameters center-to-center to prevent vertical capacity reductions due to pile interaction effects. The outer auger diameter should be used when determining the pile spacing for piles.

9.3.2 Lateral Capacity

Lateral load resistance can be mobilized by the individual piles in combination with other foundation elements embedded below the ground surface. The allowable lateral capacity of the piles depends on:

- the pile stiffness
- the strength of the surrounding soil
- axial load on the pile
- the allowable deflection at the pile top and the ground surface
- the allowable bending moment capacity of the pile.

We calculated lateral load resistance for ACIP piles with a top deflection of about ¼ inch, ½ inch, ¾ inch, and 1 inch for both fixed- and free-head conditions; the resulting pile deflection and bending moment profiles are presented for 18-inch- and 24-inch-diameter ACIP piles on Figures 12 through 15. We understand the structural engineer will incorporate the pile head movement and, in accordance with 2022 CBC Section 1810A.3.3.2, will show "that the predicted lateral movement shall cause neither harmful distortion of, nor instability in, the structure, nor cause any element to be loaded beyond its capacity." Based on discussions with KPFF, we used

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50 percent of the theoretical section modulus (EI) to account for a cracked section[14]. The lateral capacity of the piles is based on the soil strength and does not take into account a limiting bending moment capacity of the pile. The final pile design should be based on the structural capacities of the pile such that the lateral pile demands in terms of load, deflection, and bending moment do not exceed the capacity of the pile. The results presented on Figures 12 through 15 are for single piles, or pile groups with pile center-to-center pile spacing of at least eight diameters. If the piles are spaced closer than eight pile diameters, center to center, the lateral capacity should be reduced to account for group effects. The final pile design by the design-build contractor should include a moment curvature analysis based on the designed reinforcing and concrete strength.

The lateral capacities presented on Figures 12 through 15 are for single piles only. To account for group effects, the lateral load capacity of a single pile should be multiplied by the appropriate reduction factors shown in Table 15 for pile groups up to 10 piles. However, the maximum bending moment for a single pile with an unfactored load should be used to check the design of individual piles in a group. The reduction factors are based on a minimum center-to-center spacing of three pile diameters.

TABLE 15
Lateral Group Reduction Factors

Number of Piles within Pile Cap	Lateral Group Reduction Factor
2	0.9
3 to 5	0.8
6 to 10	0.7

Additional lateral load resistance can be developed by passive resistance acting against the faces of the pile caps and grade beams. Passive resistance may be calculated using a uniform pressure of 1,750 psf. This value includes a factor of safety of about 1.5, which is equivalent to an ultimate passive resistance of 2,625 psf; the upper 12 inches of soil should be ignored unless confined by a concrete slab or pavement.

[14] We understand provisions of ACI 318-14, Section 6.6.3.1.2 note that for factored lateral load analysis, it shall be permitted to assume that the moment of inertia is equal to 50% of the initial moment of inertia for all members.

9.3.3 Indicator and Load Test Program

An indicator pile program should be performed to develop installation criteria, confirm production pile capacities, and facilitate a load test program. For the service yard tanks, we recommend at least four indicator piles be installed. Once the final number of piles needed to support the tanks is determined, we should evaluate the proposed number of indicator piles and adjust as needed. The indicator piles should be installed with the same equipment that will be used to install the production piles. Changes to the equipment or installation procedure during production should be evaluated by Langan, and additional load tests may be required.

Upon completion of the indicator pile program, at least two of the indicator piles should be statically load tested in compression. Test pile locations should be chosen by Langan in consultation with the project structural engineer. Test piles can be used as production piles if they are installed in the proper location, meet the final installation criteria, and are not damaged during installation or testing.

The static compression load tests should be performed in accordance with the current version of ASTM D1143. Equipment used for the static test (load frame, jacks, and reaction piles) should be capable of applying at least 200 percent the allowable dead plus live design load or 150 percent of the allowable total loads, whichever is greater. The static load tests should be interpreted using accepted criteria per the 2022 CBC to determine the ultimate capacities of the piles. We recommend installing the test/indicator piles with strain gauges that are placed on sister bars in pairs and spaced at 20-foot intervals. If the test/indicator piles are installed at the existing ground surface, we recommend double casing the portion of the pile within the basement depth to eliminate friction contribution from the soil that will be removed during excavation.

Additionally, we recommend integrity testing for test piles and 50 percent of production piles. Acceptable integrity testing techniques include TIP and CSL as discussed in Section 8.3.3.2. Additional pile load tests and/or integrity tests will be required if, during production installation, the equipment or installation procedure deviates from the approved work plan and indicator pile load test program.

9.3.4 Pile Installation Work Plan

The piles should be installed by a qualified contractor with demonstrated experience in this type of foundation. A work plan describing the proposed pile equipment and methodology, including but not limited to pile installation equipment, monitoring equipment, pile diameter, pile length, pile capacity, proposed load test set-up and procedure, and sample automated monitoring report

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should be submitted to Langan for review and approval at least two weeks prior to the indicator pile and load test programs. The automated monitoring report should include drilling depth, drilling/advancement rate, retraction rate, torque, rotations per minute (rpm), crowd or down pressure, pumping rate, grout pressure, total grout volume, and grout factor. The work plan should include a calculation justifying the number of strokes that the contractor plans to pump at the bottom of each ACIP pile to develop 5 feet of pressure head above the auger tip as discussed in Section 9.3.5. The work plan should also include a site plan showing the locations of reaction piles relative to permanent foundation elements and a drawing showing the layout of the load test set up. Following the completion of load tests, we will require at least one week to review and to evaluate the load test results and develop recommendations for production pile installation. The results of the load tests will be submitted to HCAI for review.

9.3.5 Pile Installation

We recommend the piles be installed from a working pad at least three feet above the final subgrade elevation. Depending on the soil conditions exposed at the working pad elevation, a layer of granular material could be required to further stabilize the working pad and help with site access. The final thickness of the working pad and granular layer, if necessary, should be evaluated as the excavation approaches the final subgrade level. If the ACIP piles are installed at the final subgrade elevation and the subgrade is disturbed, the disturbed soil should be overexcavated, removed, and backfilled per Section 9.1.2.

During installation of ACIP piles, the contractor should provide a tablet or alternative option for Langan personnel to safely observe the installation parameters listed in Section 9.3.4 in real time. The contractor should be prepared to confirm the pile depth using an alternative method in addition to the automated system. A functional pressure gauge should be installed to monitor grout pressure head. A minimum pressure head of five feet should be developed at the beginning of grouting by pumping extra strokes at the pile tip and maintained at all times during grouting of the ACIP pile. If at any point this minimum pressure head is lost, or if the grouting of the pile is stopped, the contractor should stop retracting the auger or mandrel and readvance the auger or mandrel five feet below the top of grout before resuming grouting. Grout return should occur at the ground surface when the auger is no less than five feet below grade. If any communication, bleeding, bubbling, or drop or rise in grout level is observed during or after installation of a pile, the pile should be redrilled or replaced.

The grout pump should be calibrated prior to the start of the project, immediately after any pump maintenance is performed, at any indication that the pump is operating differently from the last

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calibration, and regularly throughout production pile installation; at a minimum, the grout pump should be calibrated weekly. The grout factor[15] should be at least 1.15 for the overall pile length as well as at least 1.15 for each five-foot section of pile. During center bar and/or rebar cage placement, the bar and/or cage should be placed without difficulty or resistance. If excessive effort is required to install reinforcement, the pile should be integrity tested. The automated monitoring report for each pile should be sent to Langan for review within 24 hours of pile installation.

We recommend 50 percent of production piles be integrity tested using TIP or CSL. Integrity testing should also be performed on any ACIP pile that does not meet the installation specifications, or the pile should be redrilled or replaced. Langan will evaluate the allowable capacity of any piles that meet early refusal on a case-by-case basis.

9.4 Shallow Foundations for At-Grade Improvements

Recommendations for shallow foundations for at-grade improvements, including equipment pads, ancillary structures, and light poles, are presented below.

9.4.1 Equipment Pads

The proposed at-grade equipment pads outside of the service yard should be designed as mats or slabs-on-grade. The mats/slabs should have a continuous deepened perimeter footing, grade beam, or thickened slab edge extending at least 24 inches below the lowest adjacent soil subgrade. The mats/slabs and footings located adjacent to utility trenches should bear below an imaginary 1.5:1 (horizontal to vertical) plane projected upward from the bottom edge of the adjacent trench.

The at-grade mats and equipment pad slabs will be underlain by moderately expansive soil. Equipment pad mats and slabs should be underlain by at least 12 inches of non-expansive soil to mitigate the potential for movement of the slab due to expansive soil.

Footings and mats supporting the at-grade equipment pads east of the service yard should be designed using an allowable bearing capacity of 750 psf for dead plus live loads to limit static settlements to 1 inch. This value includes a factor of safety of at least 2.0 and can be increased by one-third for total design loads, including wind or seismic forces. This is equivalent to an

[15] Grout factor is calculated as the number of pump strokes multiplied by the calibrated grout volume per stroke, divided by the theoretical volume of the installed pile shaft.

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ultimate bearing capacity of 1,500 psf. To design footings or mats using the modulus of subgrade reaction method, we recommend a modulus of subgrade reaction of 12 kcf; this modulus is representative of the anticipated settlement of ¼ inch under the estimated bearing pressures of 250 psf for dead plus live loads.

Lateral loads can be resisted by a combination of passive pressure acting on the vertical faces of the foundations and friction along the base of the foundations. We recommend passive resistance be calculated using the following values:

- an allowable equivalent fluid weight (triangular distribution) of 350 pounds per cubic foot (pcf) (ultimate equivalent fluid weight of 525 pcf) in select fill
- an allowable uniform pressure of 2,000 psf (ultimate uniform pressure of 3,000 psf) in lime-treated soil
- an allowable uniform pressure of 1,750 psf (ultimate uniform pressure of 2,625 psf) for onsite soil.

The upper foot of soil should be ignored unless it is confined by slabs or pavement. Frictional resistance at the base of the footings and mats/slabs should be computed using a friction coefficient of 0.25 (ultimate friction coefficient of 0.38). The allowable passive resistance and friction values include a factor of safety of about 1.5. Uplift loads may be resisted by the weight of the footing and any overlying soil. Passive resistance should not be used for footings on slopes or excavations unless the face of the footing is at least 7 feet from the slope/excavation face, measured horizontally.

The foundation excavations should be free of standing water, debris, and disturbed materials prior to placing concrete. If loose or soft soil or non-engineered fill is encountered in a footing/mat/slab excavation, the weak soil or fill should be excavated to expose stiff clay or medium dense to dense sand. The excavated material should be replaced with engineered fill or lean concrete. The bottoms and sides of excavations should be wetted following excavation and maintained in a moist condition until concrete is placed. If the foundation soil dries during construction, the foundation will eventually heave, which may result in cracking and distress. We should check foundation excavations prior to placement of reinforcing steel to confirm suitable bearing material is present. We should recheck the condition of the excavations just prior to concrete placement to confirm the excavations are sufficiently moist.

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9.4.2 Ancillary Structures

Lightly loaded ancillary structures constructed at grade can be supported on individual spread or continuous footings. Spread footings should be bottomed at least 24 inches below the lowest adjacent exterior soil subgrade to reduce the potential for movement of the footings due to shrink and swell of the expansive clay. Footings located adjacent to utility trenches should bear below an imaginary 1.5:1 (horizontal to vertical) plane projected upward from the bottom edge of the adjacent trench.

Footings supporting at-grade improvements should be designed using an allowable bearing capacity of 750 psf for dead plus live loads to limit static settlements to 1 inch assuming 5-foot-square footings, as discussed in Section 8.3.4.2. This allowable bearing capacity value includes a factor of safety of at least 2.0 and can be increased by one-third for total design loads, including wind or seismic forces. This is equivalent to an ultimate bearing capacity of 1,500 psf.

Lateral loads can be resisted by a combination of passive pressure acting on the vertical faces of the foundations and friction along the base of the foundations. Passive resistance should be calculated using the recommended values provided in Section 9.4.1.

The foundation excavations should be free of standing water, debris, and disturbed materials prior to placing concrete. If loose or soft soil or non-engineered fill is encountered in a footing excavation, the weak soil or fill should be excavated to expose stiff clay or medium dense to dense sand. The excavated material should be replaced with engineered fill or lean concrete. The bottoms and sides of excavations should be wetted following excavation and maintained in a moist condition until concrete is placed. If the foundation soil dries during construction, the foundation will eventually heave, which may result in cracking and distress. We should check foundation excavations prior to placement of reinforcing steel to confirm suitable bearing material is present. We should recheck the condition of the excavations just prior to concrete placement to confirm the excavations are sufficiently moist.

9.4.3 Light Pole Foundations

We recommend using an allowable skin friction of 350 psf for drilled piers. This value includes a factor of safety of about 2.0 and corresponds to an ultimate skin friction of 700 psf. Alternatively, light pole foundations founded in clay may be designed in accordance with Section 1807A.3 of the 2022 California Building Code, using values provided for Class 5 material in Table 1806A.2.

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9.5 Below-Grade Wall Design

Below-grade walls, including the basement walls for the hospital and energy center and the walls surrounding the service yard, should be designed to resist both static lateral earth pressures, accounting for the presence of moderately expansive soil, and lateral pressures caused by earthquakes. The more critical condition of either the at-rest pressure or the active pressure plus seismic increment should be checked. We used the procedures outlined in Sitar et al. (2012) to compute the seismic increment. At-rest and total equivalent fluid weights (active plus seismic increment) for Design Earthquake (DE) and Risk-Targeted Maximum Considered Earthquake (MCE_R) levels of shaking at the site, assuming level backfill conditions and that backfill will consist of on-site expansive clay, are presented in Table 16.

TABLE 16
Equivalent Fluid Weights for Below-Grade Wall Design

Retained Material	Static Conditions		Seismic Conditions[1]			
			Seismic Increment (pcf)		Total (Active Plus Seismic Increment) (pcf)	
	Active (pcf)	At-Rest (pcf)	DE[2]	MCE_R[3]	DE	MCE_R
Drained Condition[4]	60	85	30	40	90	125
Undrained Condition	85	95	15	20	100	105

Notes:
1. The more critical condition of either at-rest pressure (static condition) or active pressure plus a seismic pressure increment (seismic condition) should be checked for walls 6 feet or higher.
2. DE = Design Earthquake, PGA = 0.42g
3. MCER = Risk-Targeted Maximum Considered Earthquake, PGA = 0.63g
4. Applicable to walls that are backdrained above the design groundwater level to prevent the buildup of hydrostatic pressure. Recommended design groundwater level is Elevation 175 feet.
5. Structural engineer to determine appropriate load combinations for design of below-grade walls.

Where surcharge loads are present above an imaginary line projected up at an inclination of 1½:1 (horizontal to vertical) from the bottom of a wall, a surcharge pressure should be included in the wall design. Where vehicular traffic will pass within 10 feet of the walls, traffic loads should be considered in the design of the walls. Traffic loads may be modeled by a uniform horizontal pressure of 100 psf applied on the upper 10 feet of the walls. Where equipment pads are planned at the top of walls (such as at the east side of the service yard), we recommend a horizontal surcharge pressure of 40 psf be applied to the entire height of the wall, assuming an average bearing pressure of 100 psf on the equipment pad. In addition, the walls should be designed for

surcharge loads where there will be construction equipment, stockpiled soil, or other surcharge loads within a horizontal distance of 1½ times the wall height. If these conditions exist, we can compute the additional pressure increment if provided the loading condition.

To protect against moisture migration, basement walls should be waterproofed, and water stops should be placed across all construction joints. The waterproofing should be placed directly against the backside of the walls. The waterproofing should be designed by a consultant with local experience.

Walls should be properly backdrained if they are designed for the drained condition above the design groundwater level. One acceptable method for back-draining below-grade walls is to place a prefabricated drainage panel against the backside of the walls. If temporary shoring is used, the panel may be placed directly on the shoring prior to casting the wall. We should check the manufacturer's specifications regarding the proposed prefabricated drainage panel material to verify it is appropriate for its intended use.

As an alternative to using prefabricated drainage panel, the wall may be drained using Caltrans Class 2 permeable material (Caltrans Standard Specifications Section 68-1.025) or clean crushed drain rock wrapped in a geotextile filter fabric (Mirafi 140N or equivalent). The gravel drain should be at least 12 inches wide and should extend up the back of the wall to about 2 feet below the ground surface; the upper 2 feet should be covered with a cap of native soil to reduce infiltration of surface water.

The drainage panel or gravel backdrain should extend down to a four-inch-diameter PVC collector pipe or "flat" equivalent pipe (such as AdvanEdge) at the design groundwater level (Elevation 175 feet). The PVC collector pipe should be surrounded on all sides by at least four inches of Caltrans Class 2 permeable material (see Caltrans Standard Specifications Section 68-1.025), or clean crushed rock wrapped in filter fabric (Mirafi 140N or equivalent. If a flat pipe surrounded by a filter fabric is used, it is not necessary to surround it with rock. The pipe should be connected to a suitable discharge point. If water is collected in a sump, a pumping system may be required to carry the water to the storm drain system.

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9.6 Excavation and Temporary Shoring

9.6.1 Temporary Cut Slopes

We judge that temporary cuts in native soil which are less than 12 feet high and inclined no steeper than 1.5:1 (horizontal:vertical) will be stable provided that they are above the groundwater level and are not surcharged by equipment or building material. Temporary shoring will be required where temporary slopes are not possible because of space constraints.

9.6.2 Temporary Shoring

The proposed hospital, energy center, service yard will include 22- to 26-foot-deep excavations for one basement level and mat foundations. Because the excavations will be relatively deep and will extend below the design groundwater level (design groundwater level at Elevation 175 feet), temporary shoring will be required. We judge that a cantilevered and/or tied-back soldier-pile-and-lagging shoring system with active dewatering is appropriate for the project. We assume that the shoring system will be active for no longer than one year. The temporary shoring should be designed to support the planned excavation depths, including any excavations needed to construct a working pad and/or mud slab at the base of the excavation.

For design of a temporary cantilevered shoring system retaining level ground, we recommend using an active earth pressure equivalent to an equivalent fluid weight of 60 pcf, assuming the ground behind the shoring is level and to account for expansive soil.

Because excavation depths will extend 22 to 26 feet below site grades, tiebacks or internal bracing will be required. For a temporary soldier-pile-and-lagging system with tiebacks or internal bracing, the recommended lateral pressures are presented on Figure 16. The values presented on Figure 16 assume level backfill conditions. The soldier piles should extend sufficiently below the excavation to achieve lateral stability and resist the downward loading of the tiebacks. Recommendations for tiebacks are presented in Section 9.6.3. Recommendations for internal bracing consisting of rakers supported at the base of the excavation are provided in Section 9.6.5.

Where traffic is within a distance equal to the excavation depth, a uniform horizontal surcharge load of 100 psf acting on the upper 10 feet of the shoring should be used in the design. In addition, the shoring should be designed for surcharge loads where there will be construction equipment, stockpiled soil, or other surcharge loads within a horizontal distance of 1½ times the excavation depth. If these conditions exist, we can compute the additional pressure increment if provided the loading condition.

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Lateral resistance can be gained by passive pressure acting on the face of the embedded soldier piles. Passive resistance can be computed using a passive pressure diagram presented on Figure 16. These values include a factor of safety of at least 1.5. Passive pressure can be assumed to act over an area of three soldier pile widths assuming the toe of the soldier pile is filled with structural concrete, or the center-to-center pile spacing, whichever is less.

The shoring designer should evaluate the required penetration depth of the soldier piles. The soldier piles should have sufficient axial capacity to support the vertical load acting on the piles, if any. To compute the axial capacity of the soldier piles below the excavation level, we recommend using an allowable skin friction on the perimeter of the piles of 350 psf. This value includes a factor of safety of 2.0. This is equivalent to an ultimate skin friction of 700 psf. Vertical support from end bearing should be neglected.

The anticipated deflections of the shoring system should be estimated to check if they are acceptable. The shoring system should be sufficiently rigid to prevent detrimental movement of the shoring and possible damage to existing improvements, including underground utilities and gas station adjacent to the site. The shoring and tieback system should be designed so that it does not conflict with nor damage existing improvements outside of the excavation boundaries.

The shoring system should be installed by an experienced shoring specialty contractor. The contractor should be familiar with applicable local, state, and federal regulations for temporary shoring, including the current OSHA Excavation and Trench Safety Standards. We should review the shoring plans to check that they are consistent with the recommendations presented in this report. In addition, we recommend a representative from our office observe the installation of the shoring system.

9.6.3 Tiebacks

Tiebacks can be used to restrain the shoring/retaining wall system. The vertical load from the tiebacks should be accounted for in the design of the vertical elements. Design criteria for tiebacks are presented on Figure 16.

Tiebacks should be 6 inches in diameter or greater. Tiebacks should derive their load-carrying capacity from the soil behind an imaginary line sloping upward from a point H/5 feet away from the bottom of the excavation and sloping upwards at 60 degrees from the horizontal, where H is the wall height in feet. Tiebacks with bar and strand tendons should have minimum unbonded lengths of 10 and 15 feet, respectively. The unbonded length should be created by placing an

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oversized rigid smooth plastic casing (i.e., PVC pipe) over the bars or strands; flexible plastic does not provide adequate bond-break for the unbonded zone. All tiebacks should be spaced at least six times the grouted diameter of the bonded zone or four feet, whichever is greater. The bottom of the excavation should not extend more than two feet below a row of unsecured tiebacks. We recommend all tiebacks be post-grouted and a minimum grout pressure of 300 pounds per square inch (psi) be used for installation and post-grouting.

Tieback allowable capacity will depend upon the drilling method, hole diameter, grout pressure, post grouting, and workmanship. To reduce the potential or caving of sandy layers within the clay at the site, we recommend a flight auger or smooth cased tieback installation method (such as a Klemm type rig) be used. We recommend using the allowable skin friction value for grouted tiebacks shown on Figure 16; these values include a factor of safety of at least 1.5.

The contractor should be responsible for determining the actual length of tiebacks required to resist the lateral earth and surcharge pressures imposed on the shoring system. Determination of the tieback length should be based on recommended tieback capacities presented on Figure 16. The computed bond length should be confirmed by a performance- and proof-testing program under our observation, as recommended in Section 9.6.4. Replacement tiebacks should be installed for tiebacks that fail the load tests.

9.6.4 Tieback Testing

Each tieback should be tested. The first two production tiebacks should be performance-tested to at least 2.0 times the design load and two percent of the remaining tiebacks should be performance-tested to at least 2.0 times the design load. All other tiebacks should be proof-tested to at least 1.50 times the design load. The performance and proof tests shall not exceed 80 and 70 percent of the minimum tensile strength of the anchor rod, respectively.

The performance test is used to determine the load carrying capacity and the load-deformation behavior of the tiebacks. It is also used to separate and identify the causes of movement, and to check that the designed unbonded length has been established. In the performance test, the load applied to the tieback and its movement is measured during several cycles of incremental loading and unloading. A proof test is a simple test which is used to measure the total movement of the tiebacks during one cycle of incremental loading.

The maximum test load should be held for a minimum of 10 minutes, with readings taken at 1, 2, 3, 4, 5, 6, and 10 minutes. If the difference between the 1- and 10-minute readings is less than

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0.04 inch during the loading, the test is discontinued. If the difference is more than 0.04 inch, the holding period is extended to 60 minutes, and the movements should be recorded at 15, 20, 25, 30, 45, and 60 minutes. The movement of each tieback should be monitored with a free standing, tripod-mounted dial gauge during performance and proof testing. The tiebacks should be checked 24 hours after initial lock off to confirm stress relaxation has not occurred.

We should evaluate the results of performance and proof tests to check that the tiebacks can resist the design load. For any tiebacks that fail to meet the performance and proof testing requirements, additional tiebacks should be installed to compensate for the deficiency, as required by the shoring or wall designer. A performance- or proof-tested tieback with a ten-minute hold is acceptable if the tieback carries the maximum test load with less than 0.04-inch movement between one and ten minutes, and total movement at the maximum test load exceeds 80 percent of the theoretical elastic elongation of the unbounded length.

A performance- or proof-tested tieback with a 60-minute hold is acceptable if the tieback carries the maximum test load with a creep rate that does not exceed 0.08 inch/log cycle of time, and total movement at the maximum test load exceeds 80 percent of the theoretical elastic elongation of the unbonded length. If the total movement of the tiebacks at the maximum test load does not exceed 80 percent of the theoretical elastic elongation of the unbonded length, the tieback should be replaced by the contractor.

9.6.5 Raker Bracing Support

Where rakers are used to brace the soldier piles in lieu of tiebacks, the rakers can be supported on temporary concrete pads constructed at the base of the excavation, or on the permanent service yard mat foundation. Raker pads should be designed using an allowable bearing capacity of 3,000 psf, which includes a factor of safety of at least 2.0. This is equivalent to an ultimate bearing capacity of 6,000 psf. This allowable bearing capacity is based on a pad at least 18 inches in width and length as well as at least 18 inches deep. The base of the pad should be horizontal. The raker pads should be positioned so that they do not interfere with permanent service yard mat.

Lateral loads can be resisted by a combination of passive pressure acting on the vertical faces of the pads and friction along the base of the pads. We recommend passive resistance be calculated using an allowable uniform pressure of 1,750 psf (ultimate uniform pressure of 2,625 psf). The upper foot of soil should be ignored. Frictional resistance at the base of the pads should be

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computed using a friction coefficient of 0.25 (ultimate friction coefficient of 0.38). The allowable passive resistance and friction values include a factor of safety of about 1.5.

9.7 Dewatering

The excavations for the new hospital, energy center, and service yard will encounter groundwater. Prior to and during excavation, the groundwater should be drawn down so that the groundwater level inside the excavation is at least three feet below the bottom of the excavation. The groundwater should be drawn down sufficiently to allow for a stable working surface for constructability. This level should be maintained until sufficient building weight and/or uplift capacity is available to resist the hydrostatic uplift pressure of the groundwater based on the design groundwater elevation. Elevator and sump pits can be locally dewatered. Adjacent improvements should be monitored for vertical movement caused by the dewatering.

In addition to the wells, a working pad consisting of 12 inches of crushed rock can be used as a temporary drainage blanket to assist with the dewatering of the site. Perforated pipes should be placed in the gravel blanket to collect water and conduct it to a sump during construction. The sump and collector pipes should be decommissioned once they are no longer needed.

The hydrostatic pressure in the sand and gravel layers below the excavation may need to be lowered to prevent basal heave (blow-out of the excavation bottom). The dewatering designer should check that there is sufficient overburden to resist hydrostatic pressures in the granular layers below the bottom of the proposed excavation and mitigation measures should be included in the dewatering plans.

While dewatering is in progress, nearby streets and other improvements should be monitored for vertical movement, and groundwater levels outside the excavation should be monitored through wells. Should excessive settlement or groundwater drawdown be measured, the contractor should be prepared to recharge the groundwater outside the excavation through recharge wells. A recharge program should be submitted as part of the dewatering plan.

The site dewatering system, including the number and depth of dewatering wells or sump pumps, should be designed by an experienced dewatering designer, and implemented by an experienced dewatering contractor, in coordination with the shoring designer and contractor. The design of the dewatering system should be provided to the shoring designer so that the temporary groundwater elevation can be incorporated in the shoring design. We should review

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the dewatering system proposed by the contractor prior to installation. The dewatering designer and contractor are solely responsible for the success of their system.

9.8 Tiedown Anchors

Tiedown anchors can be used to resist uplift loads where the weight of the buildings and foundation elements are not sufficient. Uplift resistance can be developed in skin friction between the anchor shafts and the surrounding soil. Tiedown anchors should be spaced at least four shaft diameters apart, or four feet, whichever is greater. Tiedowns should be of a minimum diameter of 6 inches. The uplift capacity of tiedown anchors will depend on the construction procedure used to install them. For a preliminary estimate of bond lengths, we recommend using an allowable pullout capacity of 1,000 psf for small diameter, post-grouted anchors. This pullout capacity includes a factor of safety of 2.0 (appropriate for sustained uplift loads). If tiedowns are used for temporary loads only, a factor of safety of 1.5 can be used. This corresponds to an ultimate pullout capacity of 2,000 psf. Anchor capacities should be verified in the field by proof and performance test programs as described below. We recommend all tiedowns be post-grouted and a minimum grout pressure of 300 psi be used for installation and post-grouting. Tiedowns should be double corrosion protected because they are permanent.

During drilling of anchor holes, localized granular soil deposits below groundwater may be encountered. Therefore, the contractor should use an augercast system or use a smooth cased installation method (such as a Klemm type rig) to prevent caving. High strength bars or strands may be used as tensile reinforcement in the anchors. For stressing, the steel bar and strand should have at least 10 and 15 feet of free length, respectively. We recommend the first two tiedowns and at least 10 percent of the remaining anchors be performance-loaded to at least 200 percent of the design static load or 160 percent of the seismic load, whichever is greater, under our observation. The test load should not exceed 0.8 times the specified minimum tensile strength of the tendon. The remainder tiedowns should be proof tested to 160 percent of the static design load or 125 percent of the seismic load, whichever is greater. The proof load should be held for at least 10 minutes without significant yielding of the anchor. Replacement anchors should be provided, as directed by the structural engineer, for anchors that fail the test. After testing, all anchors should be loaded to 10 percent of their design load (higher if specified by the structural engineer) and locked off.

In the performance test, the load applied to the anchor and its movement are measured during several cycles of incremental loading and unloading. The maximum test load should be held for a minimum of 10 minutes, with readings taken at 0, 1, 2, 3, 6, and 10 minutes. If the difference

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between the 1- and 10-minute reading is less than 0.04 inch during the loading, the test is discontinued. If the difference is more than 0.04 inch, the holding period is extended to 60 minutes, and the movements should be recorded at 15, 20, 25, 30, 45, and 60 minutes.

A proof test is a simple test used to measure the total movement of the anchor during one cycle of incremental loading. The maximum test load should be held for a minimum of 10 minutes, with readings taken at 0, 1, 2, 3, 6, and 10 minutes. If the difference between the 1- and 10-minute reading is less than 0.04 inch, the test is discontinued. If the difference is more than 0.04 inch, the load should be maintained, and the observation is continued until the creep rate can be determined. We should evaluate the anchor test results and determine whether the anchors are acceptable. A performance- or proof-tested anchor with a ten-minute hold is acceptable if the anchor carries the maximum test load with less than 0.04-inch movement between one and 10 minutes, and total movement at the maximum test load exceeds 80 percent of the theoretical elastic elongation of the unbonded length. A performance- or proof-tested anchor with a 60-minute hold is acceptable if the anchor carries the maximum test load with less than 0.08-inch movement between six and 60 minutes, and total movement at the maximum test load exceeds 80 percent of the theoretical elastic elongation of the unbonded length. If the total movement of the anchor at the maximum test load does not exceed 80 percent of the theoretical elastic elongation of the unbonded length, the anchor should be replaced by the contractor.

9.9 Basement Floor Slabs

The basement floor slabs for the hospital and energy center will be supported on fill placed within the interstitial space above the mat foundation and can be designed to bear on grade. Recommendations for fill placement within the interstitial space are provided in Section 9.1.4.

The floor slabs will be in contact with the backfill within the interstitial space. We understand utilities will be routed within this space beneath the slab and moisture could condense on the underside of the slab if leaks occur. Consequently, a moisture barrier should be considered if movement of water vapor through the slabs would be detrimental to its intended use. A typical moisture barrier consists of a capillary moisture break and a water vapor retarder.

The capillary moisture break should consist of at least four inches of clean, free-draining gravel or crushed rock. The vapor retarder should meet the requirements for Class C vapor retarders stated in ASTM E1745. The vapor retarder should be placed in accordance with the requirements of ASTM E1643. These requirements include overlapping seams by six inches, taping seams,

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and sealing penetrations in the vapor retarder. The particle size of the gravel/crushed rock should meet the gradation requirements presented in Table 17.

TABLE 17
Gradation Requirements for Capillary Moisture Break

Sieve Size	Percentage Passing Sieve
Gravel or Crushed Rock	
1 inch	90 – 100
3/4 inch	30 – 100
1/2 inch	5 – 25
3/8 inch	0 – 6

Concrete mixes with high water/cement (w/c) ratios result in excess water in the concrete, which increases the cure time and results in excessive vapor transmission through the slab. Therefore, concrete for the floor slab should have a low w/c ratio - less than 0.45. The slab should be properly cured. Before the floor covering is placed, the contractor should check that the concrete surface and the moisture emission levels (if emission testing is required) meet the manufacturer's requirements.

9.10 Pavement and Concrete Flatwork Design

Our recommendations for flexible and rigid pavement and concrete flatwork are presented in this section.

9.10.1 Flexible and Rigid Pavement

The State of California flexible pavement design method was used to develop the recommended pavement sections. Because of the presence of moderately expansive near-surface soil, we selected an R-value of 5 for our evaluations. We assumed various Traffic Indices (TIs), from 4.5 to 8.0 for design of areas ranging from automobile parking with occasional buses or trucks through roadways and bus parking areas. These TIs should be confirmed by the project civil engineer. Table 18 presents our recommendations for asphalt pavement sections.

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TABLE 18
Flexible Pavement Sections
Subgrade R-Value = 5

TI	Asphaltic Concrete (inches)	Class 2 Aggregate Base R = 78 (inches)
4.5	2.5	10.0
5.0	3.0	10.0
5.5	3.0	12.0
6.0	3.5	13.0
6.5	4.0	13.5
7.0	4.0	15.5
7.5	4.5	16.5
8.0	5.0	17.5

Where rigid pavement is required, for loading and service areas, we recommend a minimum of six inches of concrete for medium traffic (TI of 5.5 or lower) and a minimum of eight inches of concrete for heavy traffic (TIs of 6 and higher). The concrete should be underlain by at least six inches of Class 2 aggregate base, compacted to at least 95 percent relative compaction.

Pavement components should conform to the current Caltrans Standard Specifications. The subgrade should be prepared following the guidance in Section 9.1.3 to provide a smooth, non-yielding surface. The aggregate base should be moisture conditioned and compacted to a relative compaction of at least 95 percent. Recycled aggregate base is acceptable provided it meets the Caltrans criteria for Class 2 material.

The finished compacted aggregate base should be firm and unyielding and be proof rolled prior to placement of the pavement. If unstable areas are identified during proof rolling, or if the contractor is unable to achieve the recommended degree of compaction, the aggregate base in these areas should be removed in order to repair the underlying soil subgrade. In these areas the upper six inches of the soil subgrade should be moisture-conditioned to at or above optimum and compacted to at least 95 percent relative compaction.

9.10.2 Concrete Flatwork

Exterior concrete flatwork should be underlain by at least four inches of aggregate base compacted to at least 95 percent relative compaction. Prior to placement, the subgrade should be scarified to a depth of at least 12 inches, moisture-conditioned to at least three percent above

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optimum moisture content and compacted to between 88 and 93 percent relative compaction. The near-surface soils are moderately expansive. Hardscape improvements should be underlain by at least 12 inches of engineered, non-expansive (select or lime-treated) soil that extends at least three feet beyond the slab edges.

9.11 Site Drainage

Positive surface drainage should be provided around the hospital building and service yard to direct surface water away from the structure. To reduce the potential for water ponding adjacent to buildings, we recommend the ground surface within a horizontal distance of five feet from the building be designed to slope down and away from the building with a surface gradient of at least two percent in unpaved areas and one percent in paved areas. In addition, roof downspouts should be discharged into controlled drainage facilities to keep the water away from the building.

Drainage control design should include provisions for positive surface gradients so that surface runoff is not permitted to pond, particularly adjacent to structures, or on roadways or pavements. Surface runoff should be directed away from the building to properly designed and installed drop inlets.

To reduce the potential for irrigation water entering the pavement section, vertical curbs adjacent to landscaped areas should extend through any aggregate base and at least six inches into the underlying soil. In heavily watered areas, such as lawns, it may also be necessary to install a subdrain behind the curb to intercept excess irrigation water.

9.12 Bioretention Systems

Bioretention areas are landscaping features used to treat stormwater runoff within a development site. They are commonly located in parking lot islands and landscape areas. Surface runoff is directed into shallow, landscaped depressions, which usually include mulch and a prepared soil mix. Typically, the filtered runoff is collected in a perforated underdrain beneath the bioretention system and returned to the storm drain system. For larger storms, runoff will generally overflow the bioretention areas and is diverted to the storm drain system.

The soil within a bioretention system should typically have an infiltration rate sufficient to draw down any pooled water within 48 hours after a storm event. Bioretention soil should be installed in accordance with the Santa Clara County's C.3 stormwater technical guidelines. Because the soil subgrade beneath bioretention areas will likely be moderately expansive clay, an underdrain

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system with a waterproof liner on the sides and bottom of the bioretention swale should be installed.

Underdrains are typically at the invert of the bioretention system to intercept water that does not infiltrate into the surrounding soils. Underdrains consist of a perforated PVC pipe surrounded by threat least two inches of Class 2 Permeable material (Caltrans Standard Specifications Section 68-2.02F(3)). The perforated PVC pipe cross section area should be determined based on the desired hydraulic conductivity of the underdrain. Underdrains should be installed in accordance with the Santa Clara County's C.3 stormwater technical guidelines.

Because of the presence of near surface expansive soil, bioretention systems should be set back a minimum of five feet from building foundations, slabs, concrete flatwork, or pavements. Overflow from bioretention areas should be directed to the storm drain system away from building foundations and slabs. If bioretention systems are closer than five feet, passive resistance of foundation elements should be neglected.

Typically, the bottom of the bioretention system is recommended to be a minimum of two feet or more above the groundwater table.

9.13 Landscaping

The use of water-intensive landscaping around the perimeter of at grade improvements should be avoided to reduce the amount of water introduced to the subgrade. Irrigation of landscaping around improvements that are at grade should be limited to drip or bubbler-type systems. Trees with large roots or have high water demand should also be avoided since they can dry out the soil beneath foundations and cause settlement. The purpose of these recommendations is to avoid large differential moisture changes adjacent to the foundations, which have been known to cause significant differential movement over short horizontal distances in expansive soil, resulting in cracking of slabs and architectural damage.

To reduce the potential for irrigation water entering the pavement section, vertical curbs adjacent to landscaped areas should extend through any aggregate base and at least six inches into the underlying soil. In heavily watered areas, such as lawns, it may also be necessary to install a subdrain behind the curb to intercept excess irrigation water.

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9.14 Construction Monitoring

A monitoring program should be established to evaluate the effects of the construction on the adjacent improvements. The contractor should install surveying points to monitor the movement of shoring and settlement of the adjacent ground surface during below-grade construction activities. The shoring system and adjacent improvements should be monitored for movements throughout the excavation and at least until the hospital and energy center street-level slab is cast and the service yard below-grade walls are constructed.

To monitor ground movements, groundwater levels, and shoring movements during the excavation activities, we recommend installing the instrumentation listed below:

Slope inclinometers: We recommend installing 4 to 8 slope inclinometers adjacent to the proposed shoring system. If possible two slope inclinometers should be installed behind each of the north, east, south, and west shoring walls for the hospital and energy center/service yard. The slope inclinometers should be installed following the installation of the shoring beams and prior to excavation. We should coordinate with the shoring contractor regarding the number and locations of slope inclinometers. The slope inclinometers should extend to a depth of at least two times the excavation depth.

Piezometers: We recommend two groundwater monitoring wells be installed to monitor the groundwater level outside the excavation. In addition, if blowout is an issue, we recommend a groundwater monitoring well be installed in the center of the hospital footprint and the service yard footprint and extend into the sand layers below the bottom of excavation. The upper portions of the piezometers should be properly sealed with cement-bentonite mix to reduce surface water infiltration.

Survey points: Survey points should be installed on the adjacent streets and improvements that are within 50 feet of the proposed excavation. These points should be used to monitor the vertical and horizontal movements of the shoring and these improvements. These points should be selected with the help of the geotechnical engineer, so they can provide the most value to the project. The survey points should be monitored regularly, and the results should be submitted to us in a timely manner for review. For estimating purposes, assume that the survey points will be read as follows:

- prior to any shoring work at the site
- after installing shoring beams

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- weekly during excavation work
- after the excavation reaches the planned excavation level
- every week until the hospital and energy center street-level floor slab is constructed and the service yard below-grade walls are constructed.

We should obtain inclinometer and piezometer readings regularly. Initially, depending upon the speed of excavation, the instrumentation should be read about every week. The frequency of readings may, in the later stage of construction, be modified as appropriate.

In addition, the conditions the nearby gas station should be photographed and surveyed prior to the start of construction and monitored periodically during construction. A thorough crack survey of the nearby gas station should be performed prior to the start of construction and immediately after its completion.

10.0 SEISMIC DESIGN

We understand the proposed project will be designed under the 2022 CBC and by reference ASCE 7-16.

We expect the site will experience strong ground shaking during a major earthquake on any of the nearby faults. Based on the results of the field investigation, including borings, CPTs, and shear wave velocity testing, we conclude the site can be classified as Site Class D, in accordance with the 2022 CBC and ASCE 7-16.

10.1 Mapped Values

The following mapped seismic coefficients for design in accordance with the provisions of ASCE 7-16 can be used if the structural exceptions in Section 11.4.8 of ASCE 7-16 are met:

- Risk-Targeted Maximum Considered Earthquake (MCE_R) S_S and S_1 of 1.799g and 0.637g, respectively
- Site Coefficients F_a and F_v of 1.0 and 1.7, respectively
- MCE_R spectral response acceleration parameters at short periods, S_{MS}, and at one-second period, S_{M1}, of 1.799g and 1.083g, respectively
- Design Earthquake (DE) spectral response acceleration parameters at short period, S_{DS}, and at one-second period, S_{D1}, of 1.199g and 0.722g, respectively.

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10.2 Site-Specific Response Spectra

We performed probabilistic seismic hazard analysis (PSHA) and deterministic analysis to develop site-specific recommended horizontal spectra at the ground surface for the buildings for the Risk-Targeted Maximum Considered Earthquake (MCE_R) and Design Earthquake (DE) consistent with ASCE 7-16 and 2022 CBC. Details of our analysis for the MCE_R earthquake are presented in Appendix G.

The recommended horizontal spectra are presented on Figure G-8 in Appendix G for 5 percent damping; digitized values of the horizontal MCE_R and DE spectra, respectively, for damping ratio of 5 percent are presented in Table 19.

TABLE 19
Recommended MCE_R, and DE Spectra
Spectral Acceleration (g's)

Period (seconds)	MCE_R (5% damping)	DE (5% damping)
0.01	0.744	0.496
0.10	1.129	0.753
0.20	1.579	1.053
0.30	1.852	1.235
0.40	1.935	1.290
0.50	1.925	1.284
0.75	1.677	1.118
1.00	1.452	0.968
1.50	1.083	0.722
2.00	0.848	0.565
3.00	0.583	0.389
4.00	0.413	0.276

Note:
1. DE and MCER correspond to the Design Earthquake and Risk-Targeted Maximum Considered Earthquake, respectively, per 2022 CBC and ASCE 7-16.

Because site-specific procedure was used to determine the recommended response spectra, the corresponding values of S_{MS}, S_{M1}, S_{DS} and S_{D1} per Section 21.4 of ASCE 7-16 should be used, as shown in Table 20.

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TABLE 20
Design Spectral Acceleration Value

Parameter	Spectral Acceleration Value (g's)
S_{MS}	1.741[13]
S_{M1}	1.750[14]
S_{DS}	1.161[16]
S_{D1}	1.167[17]

11.0 SERVICES DURING DESIGN, CONSTRUCTION DOCUMENTS, AND CONSTRUCTION QUALITY ASSURANCE

During final design and HCAI/CGS review we should be retained to consult with the design team as geotechnical questions arise. Technical specifications and design drawings should incorporate Langan's recommendations. When authorized, Langan will assist the design team in preparing specification sections related to geotechnical issues such as earthwork, shallow and deep foundations, backfill, lime treatment, and excavation support. Langan should also, when authorized, review the project plans, as well as Contractor submittals relating to materials and construction procedures for geotechnical work, to confirm the designs incorporate the intent of our recommendations.

Langan has investigated and interpreted the site subsurface conditions and developed the foundation design recommendations contained herein and is therefore best suited to perform quality assurance observation and testing of geotechnical-related work during construction. The work requiring quality assurance confirmation and/or special inspections per the California Building Code includes, but is not limited to, earthwork, backfill, subgrade preparation, shallow and deep foundations, and excavation support.

Recognizing that construction observation is the final stage of geotechnical design, quality control observation during construction by Langan is necessary to confirm the design assumptions and

[16] S_{DS} is based on the site-specific response spectra and is based on 90 percent of the maximum spectral acceleration within the period range of 0.2 to 5 seconds; it is governed by 90 percent of the spectral acceleration at a period of 0.4 seconds. S_{MS} is 1.5 times the S_{DS}.

[17] S_{D1} is based on the site-specific response spectra and is the maximum of the product of period, T, and spectral acceleration, Sa, for periods from 1.0 to 5.0 seconds; it is governed by the product of the period and spectral acceleration at a period of 3.0 seconds. S_{M1} is 1.5 times the S_{D1}.

design elements, to maintain our continuity of responsibility on this project, and allow us to make changes to our recommendations, as necessary. The foundation system and general geotechnical construction methods recommended herein are predicated upon Langan assisting with the final design and providing construction observation services for the Owner. Should Langan not be retained for these services, we cannot assume the role of geotechnical engineer of record, and the entity providing the final design and construction observation services must serve as the engineer of record.

12.0 OWNER AND CONTRACTOR RESPONSIBILITIES

The Contractor is responsible for construction quality control, which includes satisfactorily constructing the foundation system and any associated temporary works to achieve the design intent while not adversely impacting or causing loss of support to neighboring property, structures, utilities, roadways, etc. Construction activities that can alter the existing ground conditions such as excavation, fill placement, foundation construction, pile drilling, dewatering, etc. can also induce stresses, vibrations, and movements in nearby structures and utilities, and disturb occupants. Contractors are solely responsible to ensure that their activities will not adversely affect the structures and utilities and will not disturb occupants. Contractors must also take all necessary measures to protect the existing structures, utilities, etc. during construction. By using this report, the Owner agrees that Langan will not be held responsible for any damage to adjacent structures, utilities, etc.

13.0 LIMITATIONS

The conclusions and recommendations provided in this report result from our interpretation of the geologic and geotechnical conditions existing at the site inferred from a limited number of borings and CPTs, as well as architectural and structural information provided by Stantec Architecture Inc., the project architect, and KPFF, the project structural engineer. Actual subsurface conditions may vary. Recommendations provided are dependent upon one another and no recommendation should be followed independent of the others.

Any proposed changes in structures or their locations should be brought to Langan's attention as soon as possible so that we can determine whether such changes affect our recommendations. Information on subsurface strata and groundwater levels shown on the logs represent conditions encountered only at the locations indicated and at the time of investigation. If different conditions are encountered during construction, they should immediately be brought to Langan's attention for evaluation, as they may affect our recommendations.

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This report has been prepared to assist the Owner, architect, and structural engineer in the design process and is only applicable to the design of the specific project identified. The information in this report cannot be utilized or depended on by engineers or contractors who are involved in evaluations or designs of facilities on adjacent properties which are beyond the limits of that which is the specific subject of this report.

Environmental services provided by Langan for the project included performing a Phase I Environmental Site Assessment and Soil Management Plan for the development and presenting the results in reports dated 8 March 2023 and 3 May 2023, respectively.

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FIGURES

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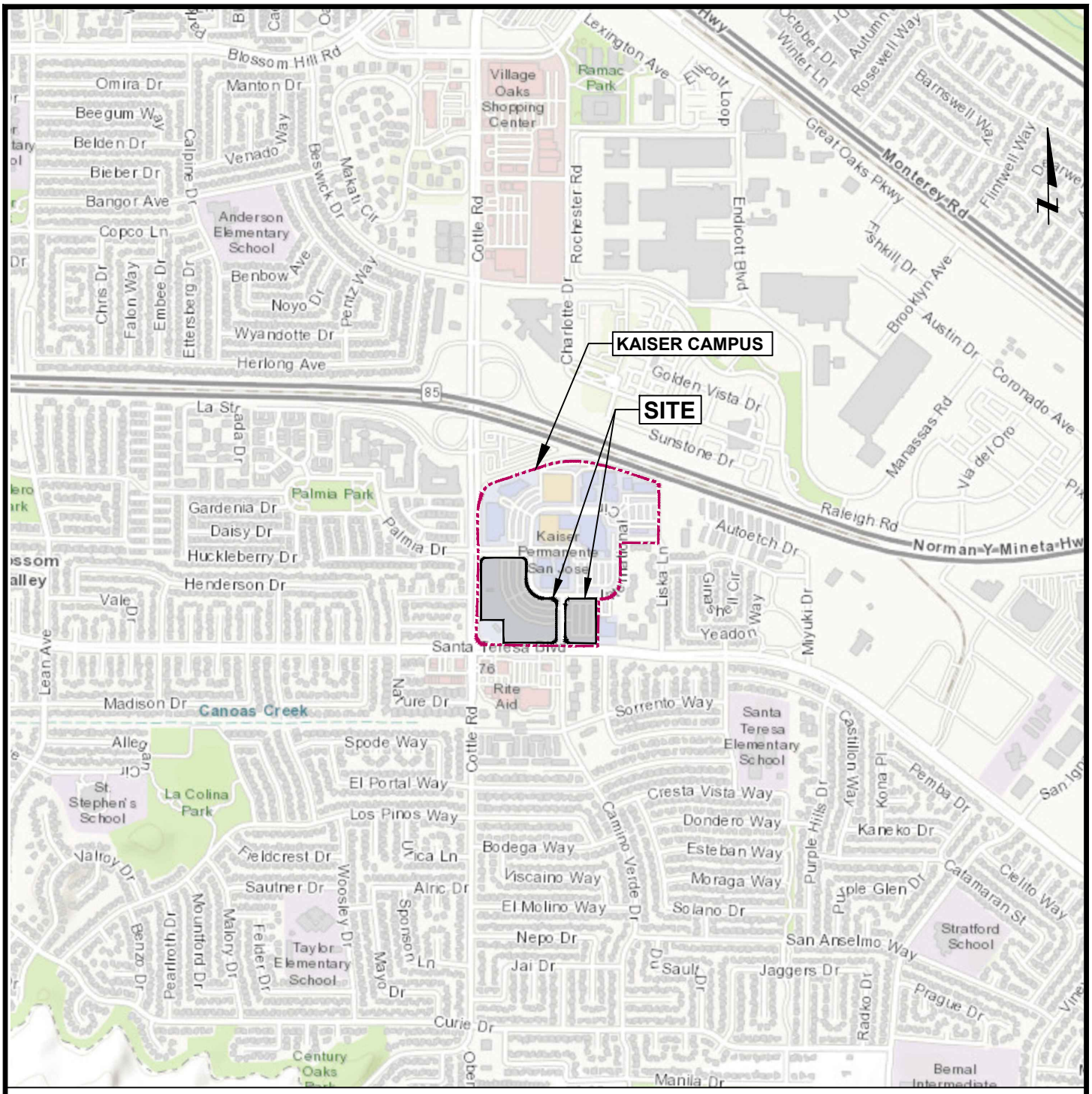

Site Coordinates: Latitude: 37.2394 degrees
Longitude: -121.8006 degrees

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Note:
Topographic base map is provided through Langan's Esri Arc GIS software licensing and Arc GIS online, National Geographic Society, i-cubed.

0 2,000 Feet

Approximate scale

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Project
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

Figure Title
SITE LOCATION MAP

Project No.	750677301
Date	03/22/2023
Drawn By	AG
Checked By	HS

Figure
1

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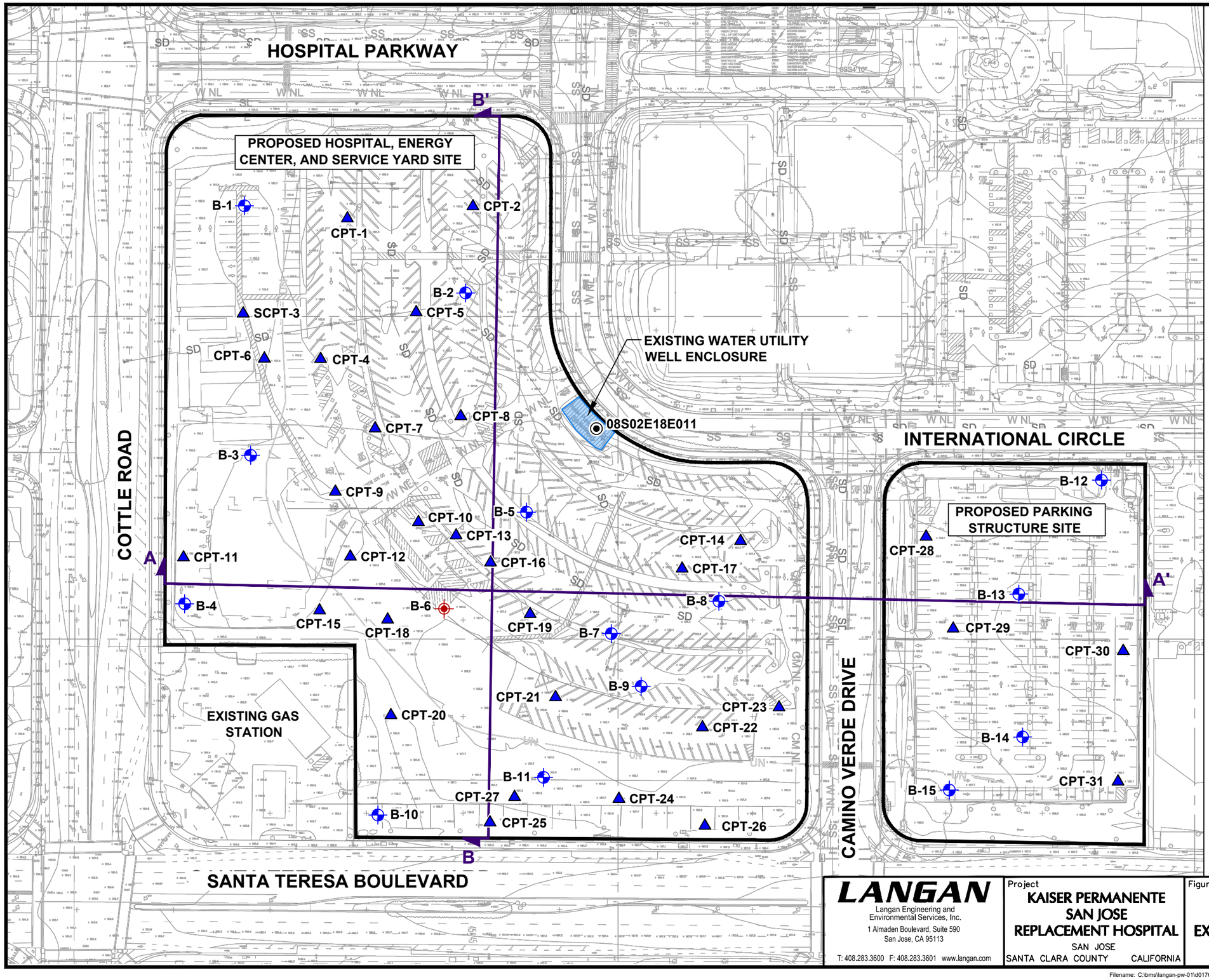
Filename: C:\bms\langan-pw-01\d0176371\FG03-750677301-B-GI0101.dwg Date: 4/28/2023 Time: 15:31 User: agekas Style Table: Langan.stb Layout: Figure 1 Site Loc



EXPLANATION

- **B-1** — Approximate location of boring by Langan, January 2023
- **B-6** — Approximate location of piezometer by Langan, January 2023
- **CPT-1** — Approximate location of cone penetration test by Langan, January 2023
- **08S02E18E011** — Approximate location of groundwater well maintained by the Santa Clara Valley Water District
- Site boundary
- **A** **A'** — Idealized geologic cross section location

Note:
1. Base drawing provided by SANDIS titled "Supplemental Utility and Tree Survey" Sheet No. 1 dated 10/28/22.
2. All elevations are based on National Geodetic Vertical Datum of 1929 (NGVD29).

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N

0 100 Feet

Approximate scale

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Project
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

Figure Title
SITE PLAN WITH EXISTING CONDITIONS

Project No.	750677301
Date	03/22/2023
Drawn By	AG
Checked By	HS
Figure	2

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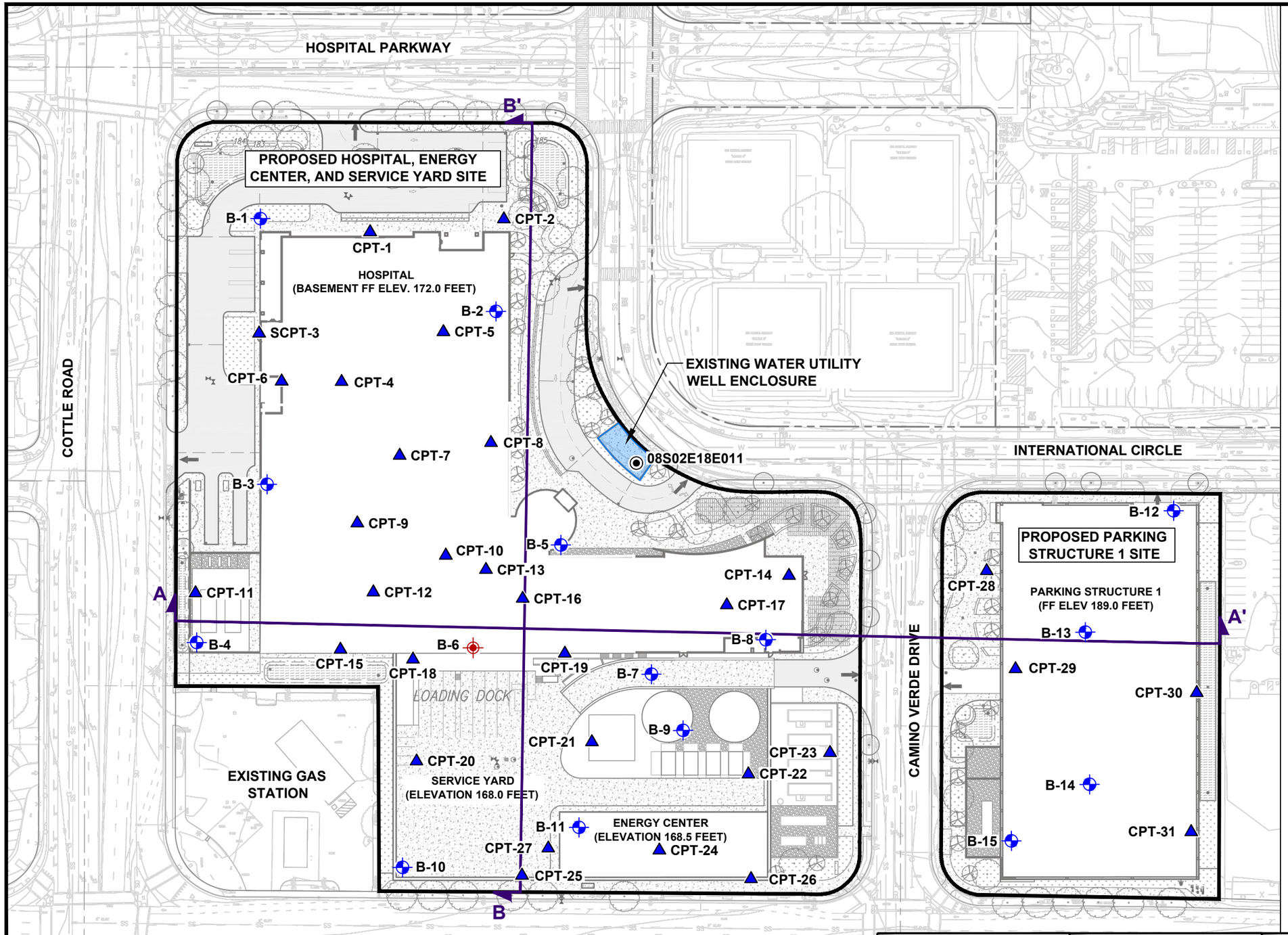
Filename: C:\brms\langan-pw-01\d0176371\FG02-750677301-B-SP0101.dwg Date: 5/5/2023 Time: 16:52 User: agekas Style Table: Langan.stb Layout: Figure 2



EXPLANATION

- B-1 — Approximate location of boring by Langan, January 2023
- B-6 — Approximate location of piezometer by Langan, January 2023
- CPT-1 — Approximate location of cone penetration test by Langan, January 2023
- 08S02E18E011 — Approximate location of groundwater well maintained by the Santa Clara Valley Water District
- Site boundary
- A — A' — Idealized geologic cross section location

Note:
1. Base drawing provided by SANDIS titled "Supplemental Utility and Tree Survey" Sheet No. 1 dated 10/28/22.
2. All elevations are based on National Geodetic Vertical Datum of 1929 (NGVD29).

DRAFT

N

0 100 Feet

Approximate scale

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SANTA CLARA COUNTY CALIFORNIA

Figure Title
SITE PLAN WITH PROPOSED DEVELOPMENT

Project No.	Figure
750677301	3
Date: 03/22/2023	
Drawn By: AG	
Checked By: HS	

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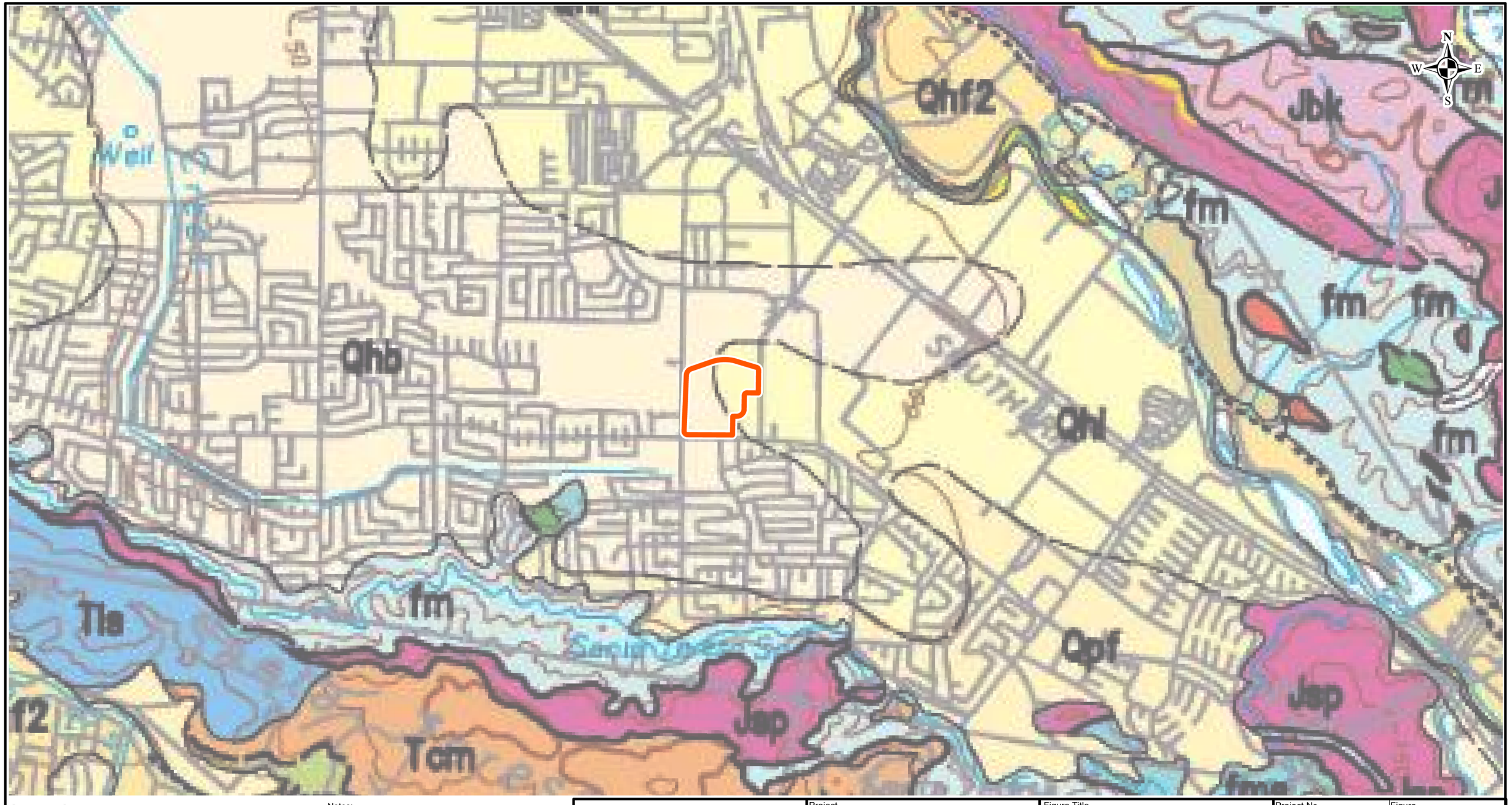

Legend

Kaiser Permanente Medical Center campus boundary

Geologic Units Legend on Figure 8

DRAFT

Notes:
1. Regional geology data provided by "Preliminary Geologic Map of the San Jose 30 x 60-minute quadrangle, California" (Wentworth, Blake, McLaughlin, and Graymer)
2. All locations of geologic contacts are approximate.

2,000 0 2,000
SCALE IN FEET

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Figure Title
REGIONAL GEOLOGIC MAP

Project No.	750677301
Date	5/5/2023
Scale	1" = 2,000'
Drawn By	AC

Figure 4a

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Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\Kaiser Permanente_750677301\Kaiser Permanente_750677301.aprx

Legend

Subject Property

SURFICIAL DEPOSTS

Qhf2 | Older Alluvial fan deposits (Holocene)

Qhb | Basin deposits (Holocene)

Qhl | Levee deposits (Holocene)

NEW ALMADEN BLOCK

Jsp | Serpentinized harzburgite and dunite

CENTRAL BELT, FRANCISCAN COMPLEX

fm | Melange (Lower Tertiary? and Upper Cretaceous)

fmv | Balsatic volcanic rocks (Lower Jurassic)

fms | Graywacke (Lower Jurassic)

KJk | Knoxville Formation (Lower Cretaceous and Upper Jurassic)

SIERRA AZUL BLOCK

Tcm | Mottled mudstone and sandstone of Mount Chual (Lower Eocene)

Tls | Sandstone and shale

Jbk | Basat, andesite, dacite, and quartz keratophyre

Kus | Sandstone and shale (Upper Cretaceous)

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SAN JOSE

SANTA CLARA COUNTY CA

Figure Title

REGIONAL GEOLOGIC MAP LEGEND

Project No.	750677301
Date	5/5/2023
Scale	NOT TO SCALE
Drawn By	AC

Figure 4b

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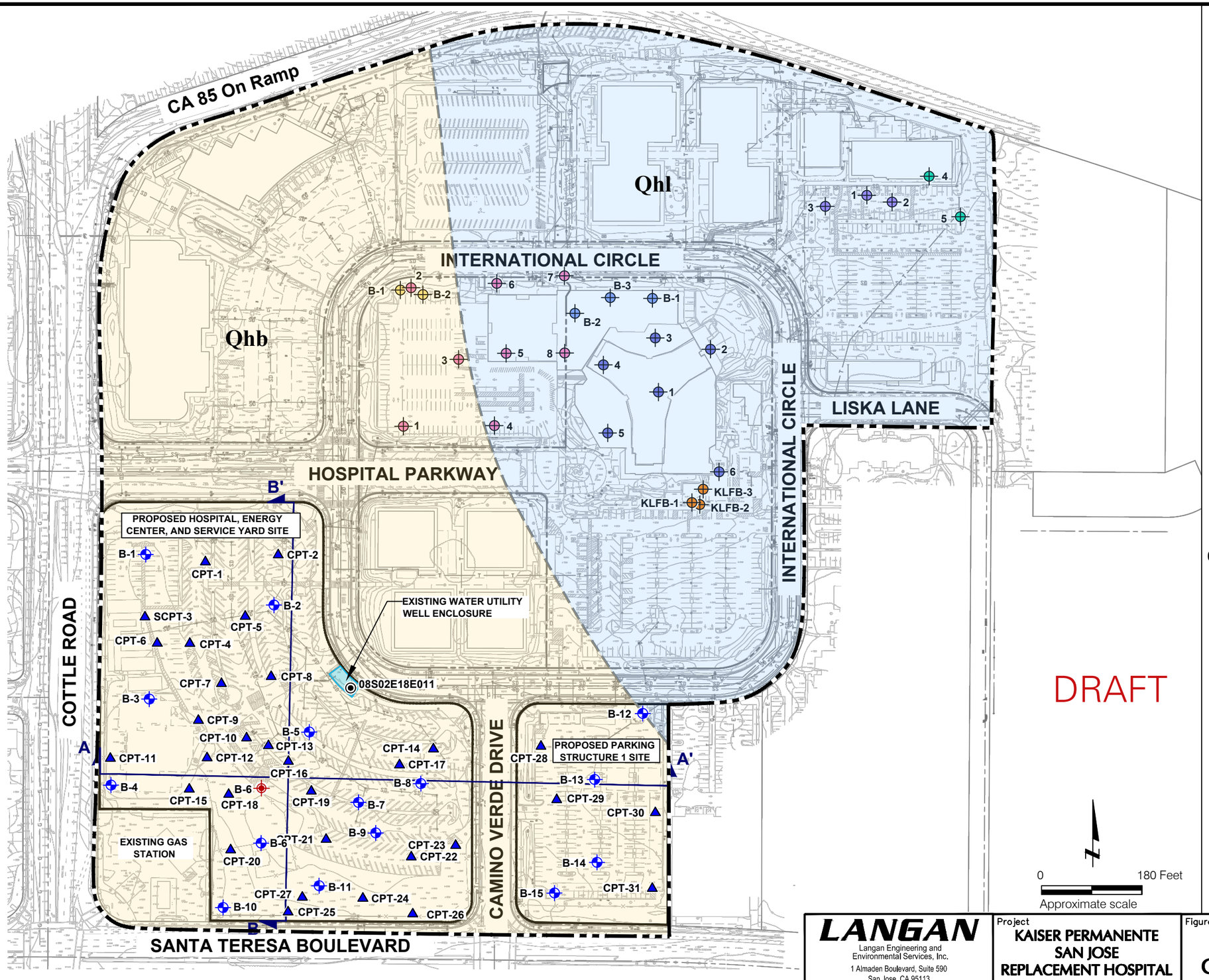
Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\Kaiser Permanente_750677301\Kaiser Permanente_750677301.aprx



EXPLANATION

- B-1 — Approximate location of boring by Langan, January 2023
- B-6 — Approximate location of piezometer by Langan, January 2023
- CPT-1 — Approximate location of cone penetration test by Langan, January 2023
- KLFB-1 — Approximate location of boring by Kleinfelder, 2018
- B-1 — Approximate location of boring by Geosphere, 2017
- B-1 — Approximate location of boring by Geomatrix, 2001
- 4 — Approximate location of boring by Bay Area Geotechnical Group, 1991
- 1 — Approximate location of boring by Bay Area Geotechnical Group, 1990
- 1 — Approximate location of boring by Cooper-Clark and Associates, 1972
- 1 — Approximate location of boring by Cooper-Clark and Associates, 1971
- 08S02E18E011 — Approximate location of groundwater well maintained by the Santa Clara Valley Water District
- Kaiser Permanente Medical Center campus boundary
- Site boundary
- A A' — Idealized geologic cross section location

DRAFT

Geologic Units

- Qhb — Basin deposits (Holocene)
- Qhl — Levee deposits (Holocene)

0 180 Feet
Approximate scale

Note:
1. Base drawing provided by Stantec and SANDIS titled "Conceptual Grading & Drainage Plan" Sheet No. 4.1 dated January 12, 2023.
2. All elevations are based on National Geodetic Vertical Datum of 1929 (NGVD29).

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Figure Title
SITE GEOLOGY MAP

Project No.	Figure
750677301	5
Date: 03/22/2023	
Drawn By: AG	
Checked By: HS	

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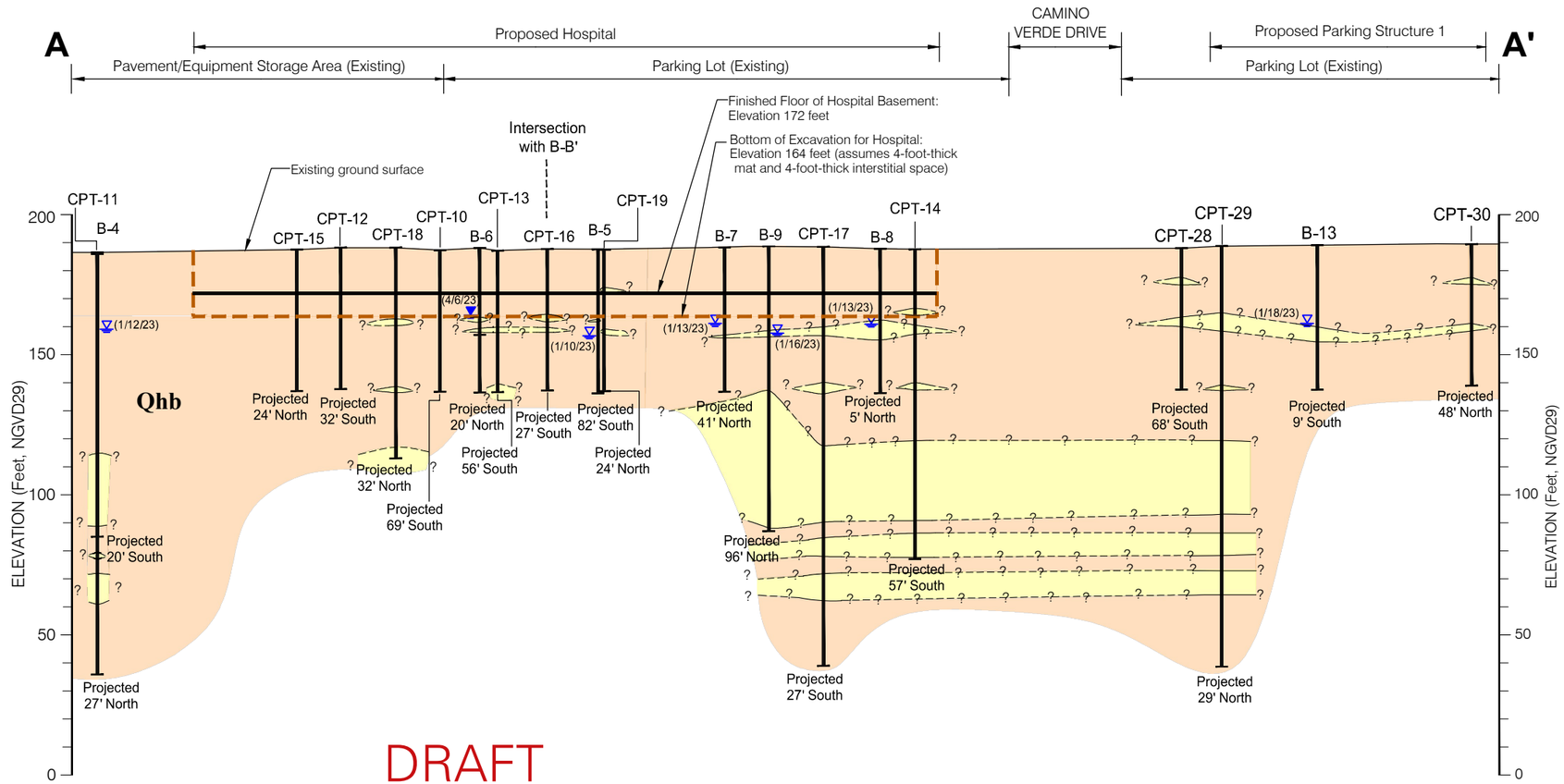

DRAFT

EXPLANATION

Qhb Basin deposits (Holocene) (subunits below)

CLAY (CL) with varying sand and silt content and SANDY SILT (ML), medium stiff to hard

SAND (SP), SAND with GRAVEL (SP), GRAVEL with CLAY (GP-GC), CLAYEY SAND (SC), CLAYEY GRAVEL (GC), CLAYEY GRAVEL with SAND (GC), CLAYEY SAND with GRAVEL (SC), SILTY SAND (SM) medium dense to very dense

? – – – – – Geologic contact, dashed where approximate, queried where uncertain

Approximate finished floor elevation of basement

Approximate extent of excavation

Approximate groundwater level measured during drilling

Approximate groundwater level measured in piezometer

Notes:
1. See Figures 2, 3 and 5 for location of subsurface profile.
2. The above profile represents a generalized geologic cross section interpreted from widely spaced borings and CPTs. Soil deposits may vary in type, strength, and other important properties between points of exploration.
3. All elevations are based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.
4. The ground surface in existing parking lot consists of asphalt pavement with variable thickness of asphalt concrete over variable thickness of aggregate base.
5. Approximate locations of proposed structure and basement finished floor elevations are based on preliminary drawing provided by Stantec and SANDIS titled "Conceptual Grading and Drainage Plan", dated 12 January 2023. Proposed basement finished floor (FF) elevation for hospital is assumed to be at approximately Elevation 172 feet.
6. Potentially liquefiable layers are not shown on idealized geologic cross section because the thickness of the layers is less than 1/2 foot. See Table 12 in our report for location, approximate depth, and estimated liquefaction-induced vertical settlement for potentially liquefiable layers.

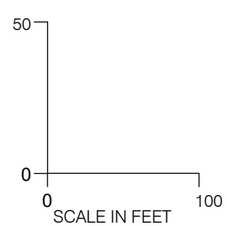

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Figure Title
IDEALIZED GEOLOGIC CROSS SECTION A-A'

Project No.	750677301
Date	03/14/2023
Drawn By	AG
Checked By	HS

Figure No. 6

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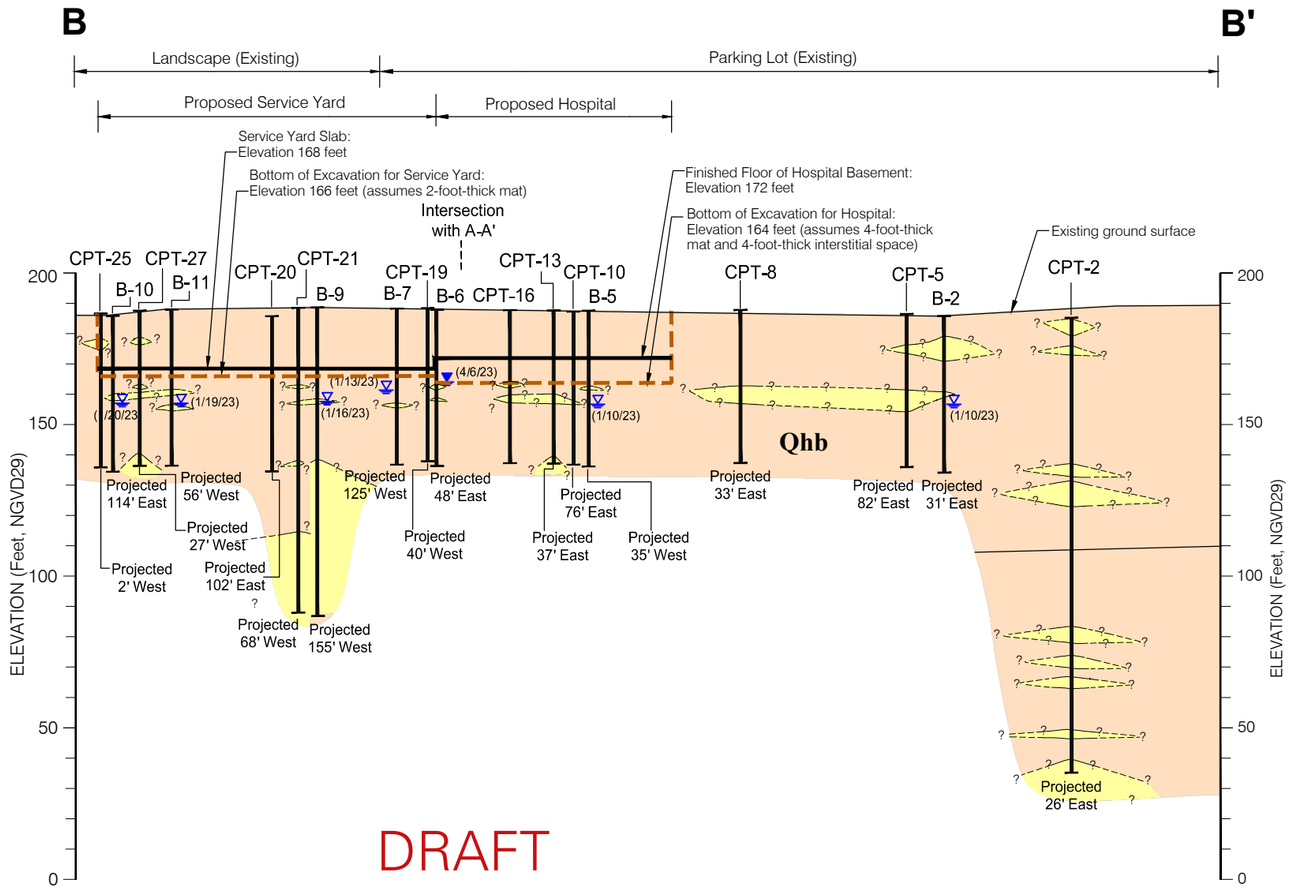
Filename: C:\bms\langan-pw-01\d0176371\FG03-750677301-B-XS0101.dwg Date: 5/5/2023 Time: 16:28 User: agekas Style Table: SECTIONS.ctb Layout: A-A'



DRAFT

EXPLANATION

Qhb	Basin deposits (Holocene) (subunits below)
	CLAY (CL) with varying sand and silt content and SANDY SILT (ML), medium stiff to hard
	SAND (SP), GRAVEL with CLAY (GP-GC), CLAYEY SAND (SC), SILTY SAND (SM), CLAYEY GRAVEL (GC), SILTY SAND (SM), loose to very dense
? — — — — —	Geologic contact, dashed where approximate, queried where uncertain
	Approximate finished floor elevation of basement
	Approximate extent of excavation
	Approximate groundwater level measured during drilling
	Approximate groundwater level measured in piezometer

Notes:
1. See Figures 2, 3 and 5 for location of subsurface profile.
2. The above profile represents a generalized geologic cross section interpreted from widely spaced borings and CPTs. Soil deposits may vary in type, strength, and other important properties between points of exploration.
3. All elevations are based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.
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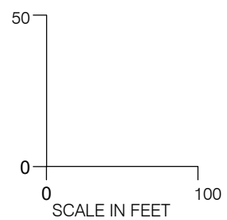

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Figure Title
IDEALIZED GEOLOGIC CROSS SECTION B-B'

Project No.	750677301
Date	03/14/2023
Drawn By	AG
Checked By	HS

Figure No. 7

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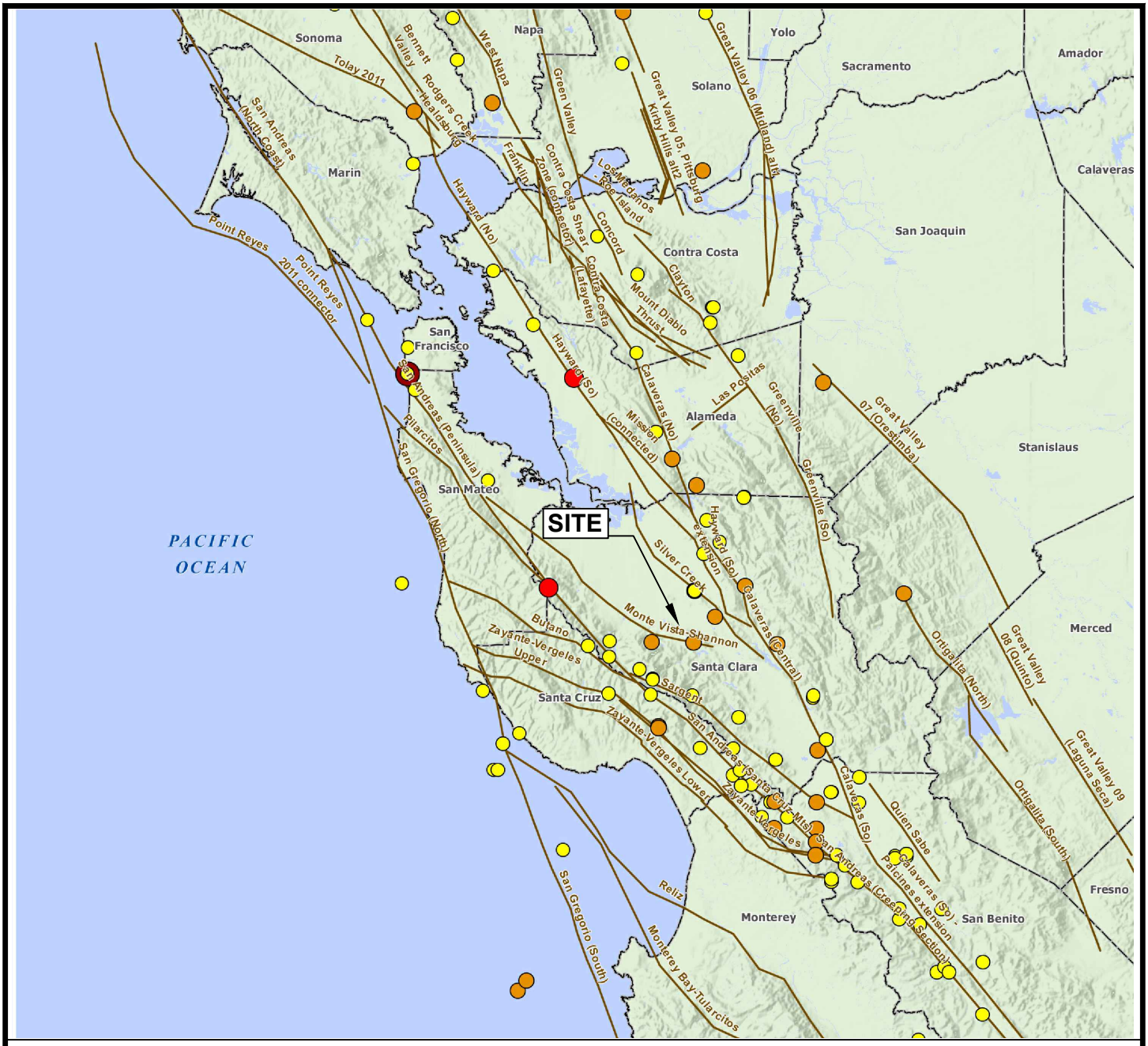

LEGEND

County Boundary

Fault

Earthquake Epicenter Magnitude

Magnitude 5 to 5.9

Magnitude 6 to 6.9

Magnitude 7 to 7.4

Magnitude 7.5 to 8

0 30 km

Approximate scale

DRAFT

Notes:

1. Quaternary fault data displayed are provided by the CGS Map Sheet 48: Fault based seismic sources used in the Uniform California Earthquake Rupture Forecast, Version (UCERF3).
2. The Earthquake Epicenter (Magnitude) data is provided by the U.S Geological Survey (USGS) and is current through 2015.
3. Basemap hillshade and County boundaries provided by USGS and California Department of Transportation.
4. Map displayed in California State Coordinate System, California (Teale) Albers, North American Datum of 1983 (NAD83), Meters.

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Figure Title
MAP OF MAJOR FAULTS AND EARTHQUAKE EPICENTERS IN THE SAN FRANCISCO BAY AREA

Project No.	750677301
Date	03/22/2023
Drawn By	AG
Checked By	HS

Figure 8

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I Not felt by people, except under especially favorable circumstances. However, dizziness or nausea may be experienced.
Sometimes birds and animals are uneasy or disturbed. Trees, structures, liquids, bodies of water may sway gently, and doors may swing very slowly.

II Felt indoors by a few people, especially on upper floors of multi-story buildings, and by sensitive or nervous persons.
As in Grade I, birds and animals are disturbed, and trees, structures, liquids and bodies of water may sway. Hanging objects swing, especially if they are delicately suspended.

III Felt indoors by several people, usually as a rapid vibration that may not be recognized as an earthquake at first. Vibration is similar to that of a light, or lightly loaded trucks, or heavy trucks some distance away. Duration may be estimated in some cases.
Movements may be appreciable on upper levels of tall structures. Standing motor cars may rock slightly.

IV Felt indoors by many, outdoors by a few. Awakens a few individuals, particularly light sleepers, but frightens no one except those apprehensive from previous experience. Vibration like that due to passing of heavy, or heavily loaded trucks. Sensation like a heavy body striking building, or the falling of heavy objects inside.
Dishes, windows and doors rattle; glassware and crockery clink and clash. Walls and house frames creak, especially if intensity is in the upper range of this grade. Hanging objects often swing. Liquids in open vessels are disturbed slightly. Stationary automobiles rock noticeably.

V Felt indoors by practically everyone, outdoors by most people. Direction can often be estimated by those outdoors. Awakens many, or most sleepers. Frightens a few people, with slight excitement; some persons run outdoors.
Buildings tremble throughout. Dishes and glassware break to some extent. Windows crack in some cases, but not generally. Vases and small or unstable objects overturn in many instances, and a few fall. Hanging objects and doors swing generally or considerably. Pictures knock against walls, or swing out of place. Doors and shutters open or close abruptly. Pendulum clocks stop, or run fast or slow. Small objects move, and furnishings may shift to a slight extent. Small amounts of liquids spill from well-filled open containers. Trees and bushes shake slightly.

VI Felt by everyone, indoors and outdoors. Awakens all sleepers. Frightens many people; general excitement, and some persons run outdoors.
Persons move unsteadily. Trees and bushes shake slightly to moderately. Liquids are set in strong motion. Small bells in churches and schools ring. Poorly built buildings may be damaged. Plaster falls in small amounts. Other plaster cracks somewhat. Many dishes and glasses, and a few windows break. Knickknacks, books and pictures fall. Furniture overturns in many instances. Heavy furnishings move.

VII Frightens everyone. General alarm, and everyone runs outdoors.
People find it difficult to stand. Persons driving cars notice shaking. Trees and bushes shake moderately to strongly. Waves form on ponds, lakes and streams. Water is muddied. Gravel or sand stream banks cave in. Large church bells ring. Suspended objects quiver. Damage is negligible in buildings of good design and construction; slight to moderate in well-built ordinary buildings; considerable in poorly built or badly designed buildings, adobe houses, old walls (especially where laid up without mortar), spires, etc. Plaster and some stucco fall. Many windows and some furniture break. Loosened brickwork and tiles shake down. Weak chimneys break at the roofline. Cornices fall from towers and high buildings. Bricks and stones are dislodged. Heavy furniture overturns. Concrete irrigation ditches are considerably damaged.

VIII General fright, and alarm approaches panic.
Persons driving cars are disturbed. Trees shake strongly, and branches and trunks break off (especially palm trees). Sand and mud erupts in small amounts. Flow of springs and wells is temporarily and sometimes permanently changed. Dry wells renew flow. Temperatures of spring and well waters varies. Damage slight in brick structures built especially to withstand earthquakes; considerable in ordinary substantial buildings, with some partial collapse; heavy in some wooden houses, with some tumbling down. Panel walls break away in frame structures. Decayed pilings break off. Walls fall. Solid stone walls crack and break seriously. Wet grounds and steep slopes crack to some extent. Chimneys, columns, monuments and factory stacks and towers twist and fall. Very heavy furniture moves conspicuously or overturns.

IX Panic is general.
Ground cracks conspicuously. Damage is considerable in masonry structures built especially to withstand earthquakes; great in other masonry buildings - some collapse in large part. Some wood frame houses built especially to withstand earthquakes are thrown out of plumb, others are shifted wholly off foundations. Reservoirs are seriously damaged and underground pipes sometimes break.

X Panic is general.
Ground, especially when loose and wet, cracks up to widths of several inches; fissures up to a yard in width run parallel to canal and stream banks. Landsliding is considerable from river banks and steep coasts. Sand and mud shifts horizontally on beaches and flat land. Water level changes in wells. Water is thrown on banks of canals, lakes, rivers, etc. Dams, dikes, embankments are seriously damaged. Well-built wooden structures and bridges are severely damaged, and some collapse. Dangerous cracks develop in excellent brick walls. Most masonry and frame structures, and their foundations are destroyed. Railroad rails bend slightly. Pipe lines buried in earth tear apart or are crushed endwise. Open cracks and broad wavy folds open in cement pavements and asphalt road surfaces.

XI Panic is general.
Disturbances in ground are many and widespread, varying with the ground material. Broad fissures, earth slumps, and land slips develop in soft, wet ground. Water charged with sand and mud is ejected in large amounts. Sea waves of significant magnitude may develop. Damage is severe to wood frame structures, especially near shock centers, great to dams, dikes and embankments, even at long distances. Few if any masonry structures remain standing. Supporting piers or pillars of large, well-built bridges are wrecked. Wooden bridges that "give" are less affected. Railroad rails bend greatly and some thrust endwise. Pipe lines buried in earth are put completely out of service.

XII Panic is general.
Damage is total, and practically all works of construction are damaged greatly or destroyed. Disturbances in the ground are great and varied, and numerous shearing cracks develop. Landslides, rock falls, and slumps in river banks are numerous and extensive. Large rock masses are wrenched loose and torn off. Fault slips develop in firm rock, and horizontal and vertical offset displacements are notable. Water channels, both surface and underground, are disturbed and modified greatly. Lakes are dammed, new waterfalls are produced, rivers are deflected, etc. Surface waves are seen on ground surfaces. Lines of sight and level are distorted. Objects are thrown upward into the air.

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SANTA CLARA COUNTY CALIFORNIA

Figure Title
DRAFT
MODIFIED MERCALLI INTENSITY SCALE

Project No. 750677301
Date 03/22/2023
Drawn By AG
Checked By HS

Figure 9

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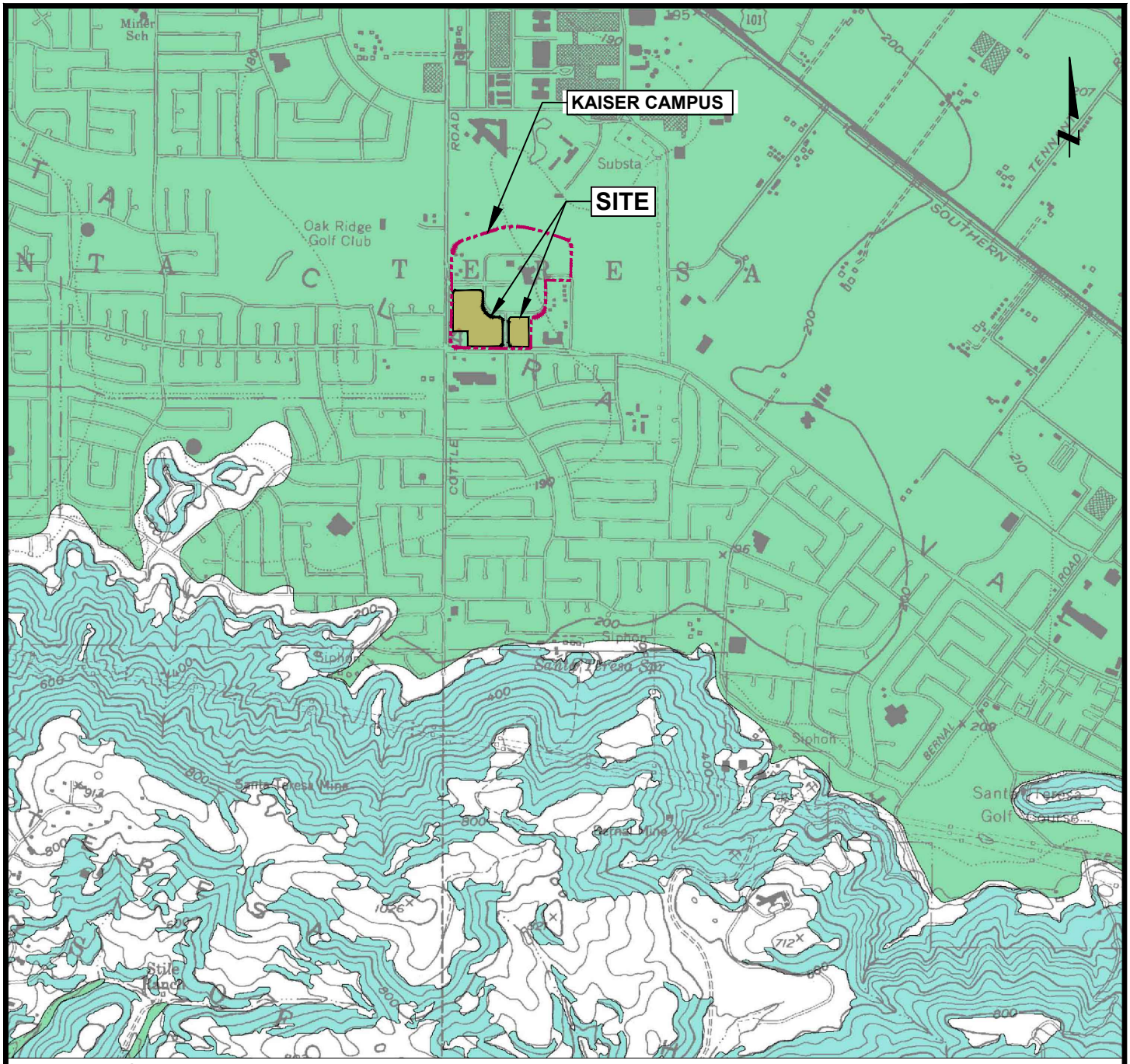

EXPLANATION

Earthquake-Induced Landslides ; Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical, and subsurface water conditions indicate a potential for permanent ground displacements.

Liquefaction ; Areas where historic occurrence of liquefaction, or local topographic, geological, geotechnical, and subsurface water conditions indicate a potential for permanent ground displacements.

Note:
Map is provided by State of California Seismic Hazard Zones titled "Santa Teresa Hills Quadrangle" official map released: August 14, 2003.

DRAFT

0 2,000 Feet
Approximate scale

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Figure Title
REGIONAL SEISMIC HAZARD ZONES MAP

Project No. 750677301
Date 03/22/2023
Drawn By AG
Checked By HS

Figure 10

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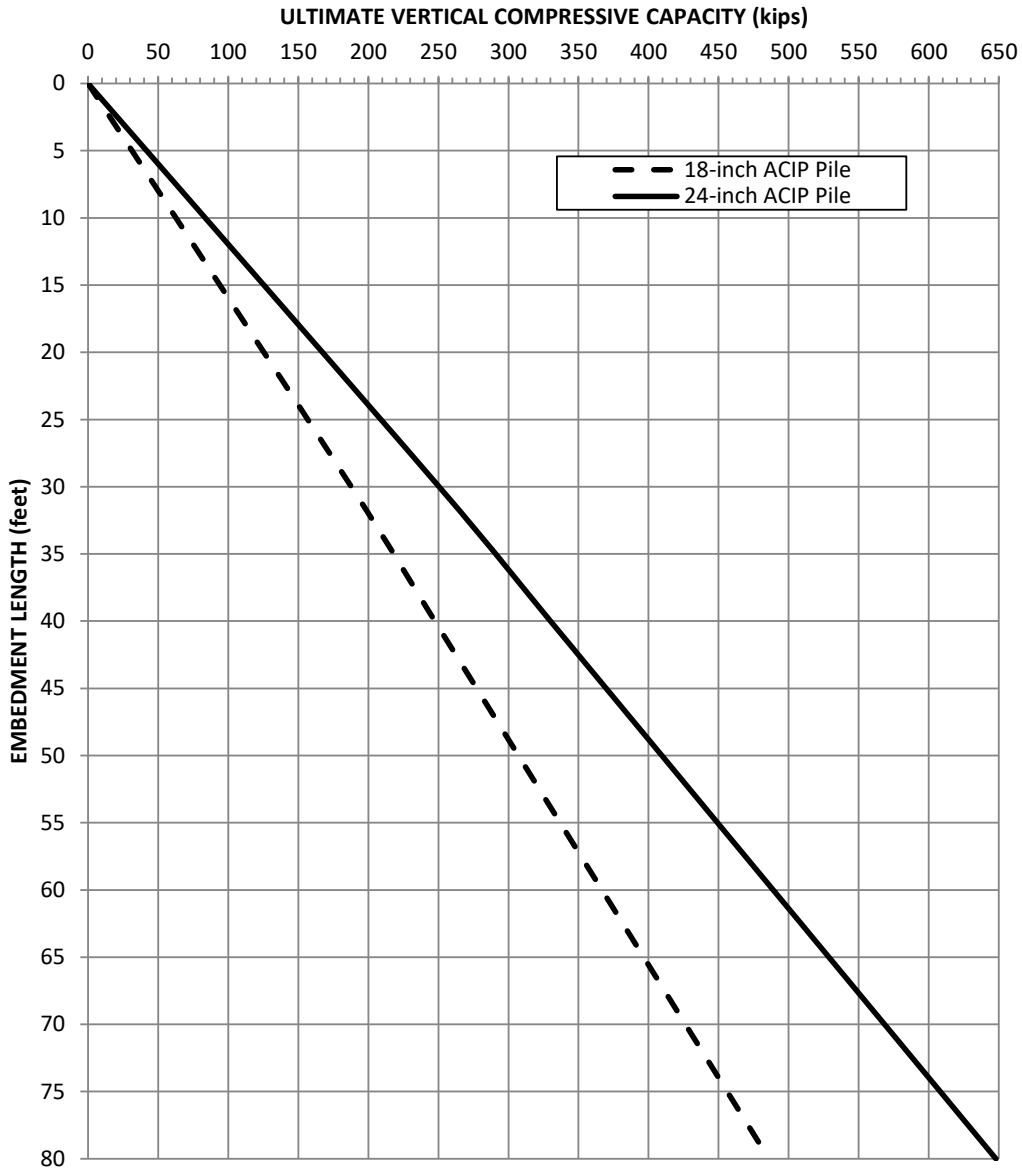
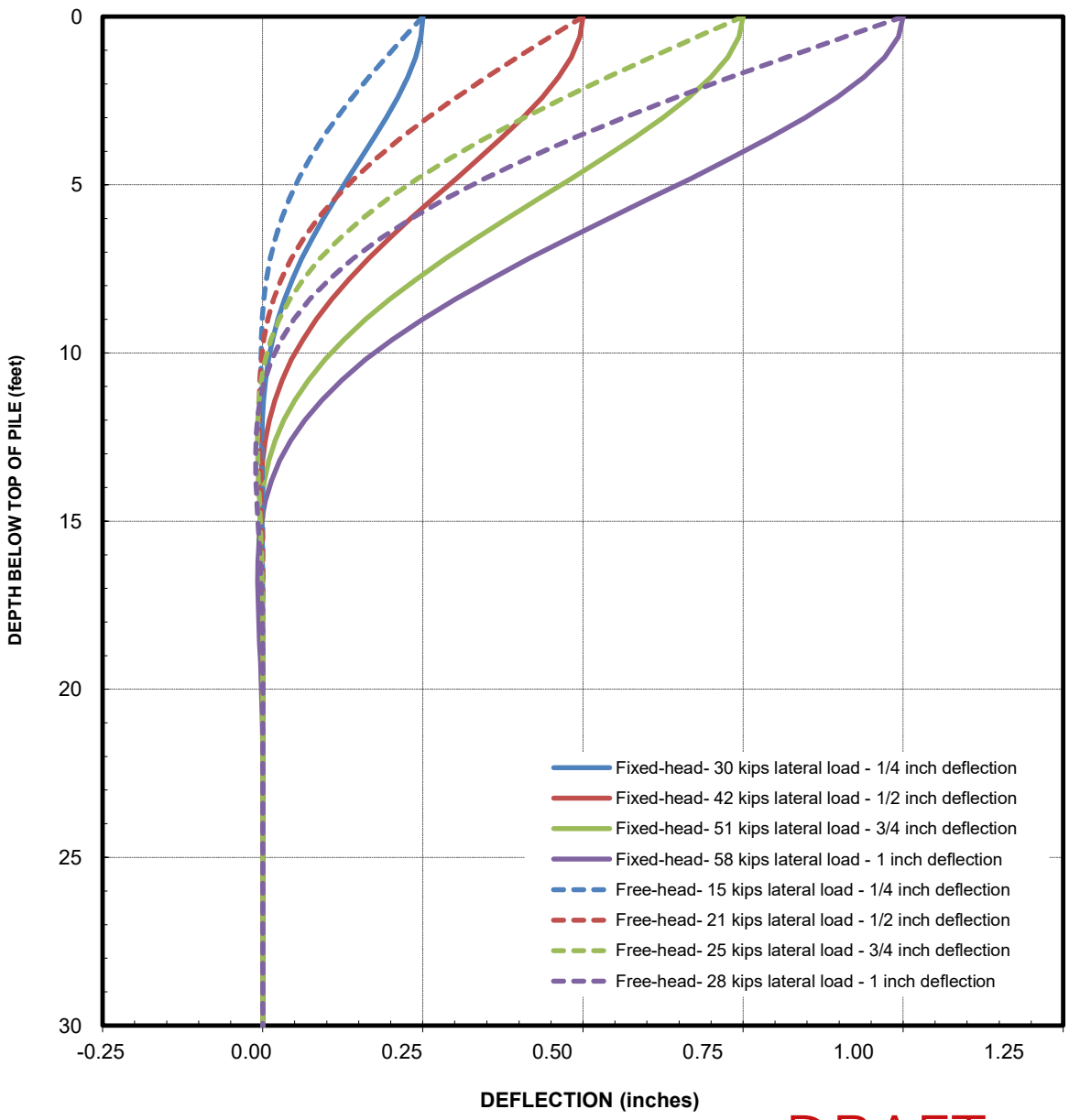


Notes:

1. For a single 18-inch and 24-inch-diameter augered cast-in-place (ACIP) pile.
2. Embedment length of 0 feet correponds to bottom of pile cap, which is assumed to be at a depth of 3 feet below the planned bottom of excavation of the service yard. The planned top of pile is at approximately Elevation 163 feet.
3. To estimate allowable capacities, a factor of safety (FS) of 2.0 should be used for dead plus live loads and 1.5 for temporary loads that include wind and/or seismic. Capacity to be confirmed by load tests in accordance with ASTM D1143.
4. A FS of 2.0 should be applied for permanent uplift and 1.5 for temporary uplift. Capacity to be confirmed by load tests in accordance with ASTM D3689.
5. Capacities are based on the ultimate strength of the supporting soil; the structural capacity of the pile may govern.
6. Piles should be spaced no closer than three diameters center-to-center.
7. Capacities are based on ultimate skin friction and neglect end bearing.

DRAFT

LANGAN Langan Engineering and Environmental Services, Inc. 1 Almaden Boulevard, Suite 590 San Jose, California 95113 T: 408.283.3600 F: 408.283.3601 www.langan.com	Project KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL SAN JOSE SANTA CLARA COUNTY CALIFORNIA	Figure Title ULTIMATE VERTICAL COMPRESSIVE CAPACITY OF AUGERED CAST-IN-PLACE PILE FOR SERVICE YARD TANKS	Project No. 750677301 Date 4/19/2023 Scale AS SHOWN Prepared By: KM	Figure No. 11



DRAFT

Notes:

1. The profiles shown are for a single augered cast-in-place pile, at least 60 feet long, with 185 kip axial load applied to top of pile.
2. If piles are spaced closer than six pile diameters, center to center, the lateral capacity should be reduced (see Table 15).
3. The lateral capacity of the piles is based on the soil strength and does not limit based on capacity of the pile. The actual bending moment capacity of the pile should be checked and should be confirmed by the selected design-build contractor.
4. Assumes concrete has a minimum compressive strength (f'c) of 5,000 psi, modulus of elasticity (E) of 4,000,000 psi, and the moment of inertia (I) of 2,500 in4 (assumes a 50% cracked section).
5. Passive resistance of pile caps has not been included.

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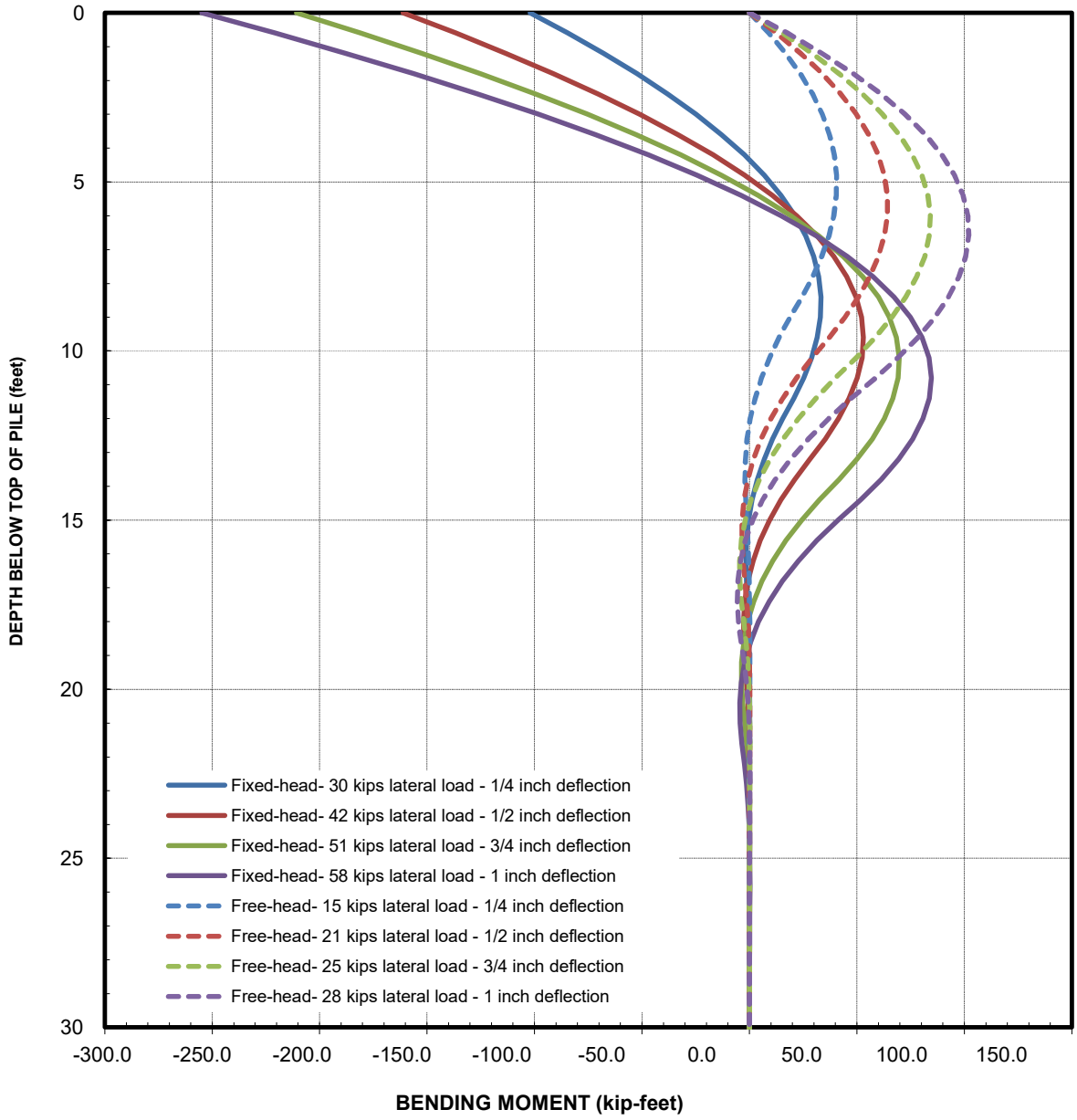
Project	Figure Title	Project No.	Figure No.
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL SAN JOSE SANTA CLARA COUNTY CALIFORNIA	DEFLECTION PROFILES FOR 18-INCH-DIAMETER AUGERED CAST-IN-PLACE PILE FOR SERVICE YARD TANKS	750677301 Date 4/19/2023 Scale AS SHOWN Prepared By: KM	12



DRAFT

Notes:

1. The profiles shown are for a single augered cast-in-place pile, at least 60 feet long, with 185 kip axial load applied to top of pile.
2. If piles are spaced closer than six pile diameters, center to center, the lateral capacity should be reduced (see Table 15).
3. The lateral capacity of the piles is based on the soil strength and does not limit based on capacity of the pile. The actual bending moment capacity of the pile should be checked and should be confirmed by the selected design-build contractor.
4. Assumes concrete has a minimum compressive strength (f'c) of 5,000 psi, modulus of elasticity (E) of 4,000,000 psi, and the moment of inertia (I) of 2,500 in4 (assumes a 50% cracked section).
5. Passive resistance of pile caps has not been included.

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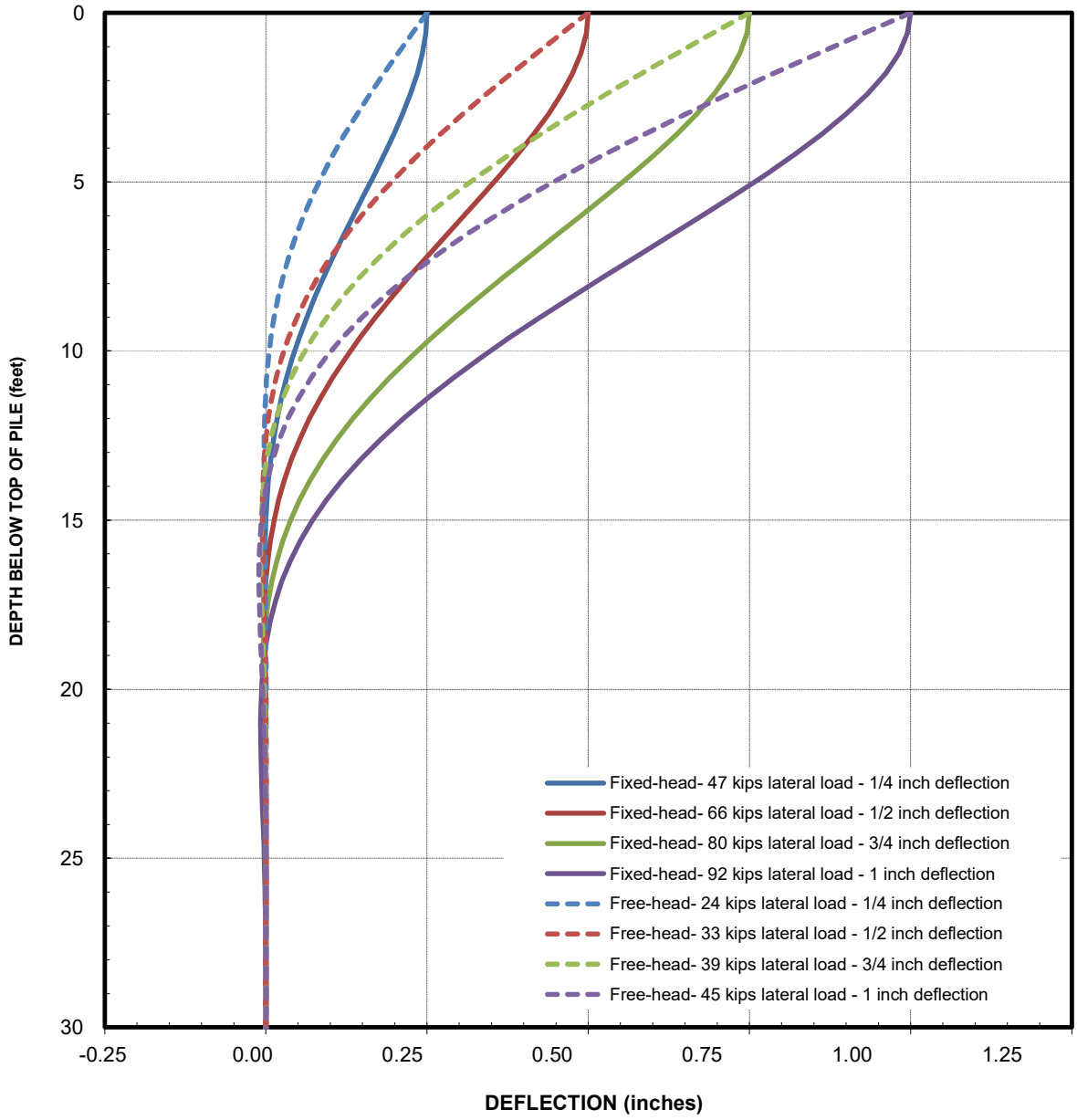
Project	Figure Title	Project No.	Figure No.
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL SAN JOSE SANTA CLARA COUNTY CALIFORNIA	BENDING MOMENT PROFILES FOR 18-INCH-DIAMETER AUGERED CAST-IN-PLACE PILE FOR SERVICE YARD TANKS	750677301	13
		Date 4/19/2023	
		Scale AS SHOWN	
		Prepared By: KM	



DRAFT

Notes:

1. The profiles shown are for a single augered cast-in-place pile, at least 60 feet long, with 185 kip axial load applied to top of pile.
2. If piles are spaced closer than six pile diameters, center to center, the lateral capacity should be reduced (see Table 15).
3. The lateral capacity of the piles is based on the soil strength and does not limit based on capacity of the pile. The actual bending moment capacity of the pile should be checked and should be confirmed by the selected design-build contractor.
4. Assumes concrete has a minimum compressive strength (f'c) of 5,000 psi, modulus of elasticity (E) of 4,000,000 psi, and the moment of inertia (I) of 2,500 in4 (assumes a 50% cracked section).
5. Passive resistance of pile caps has not been included.

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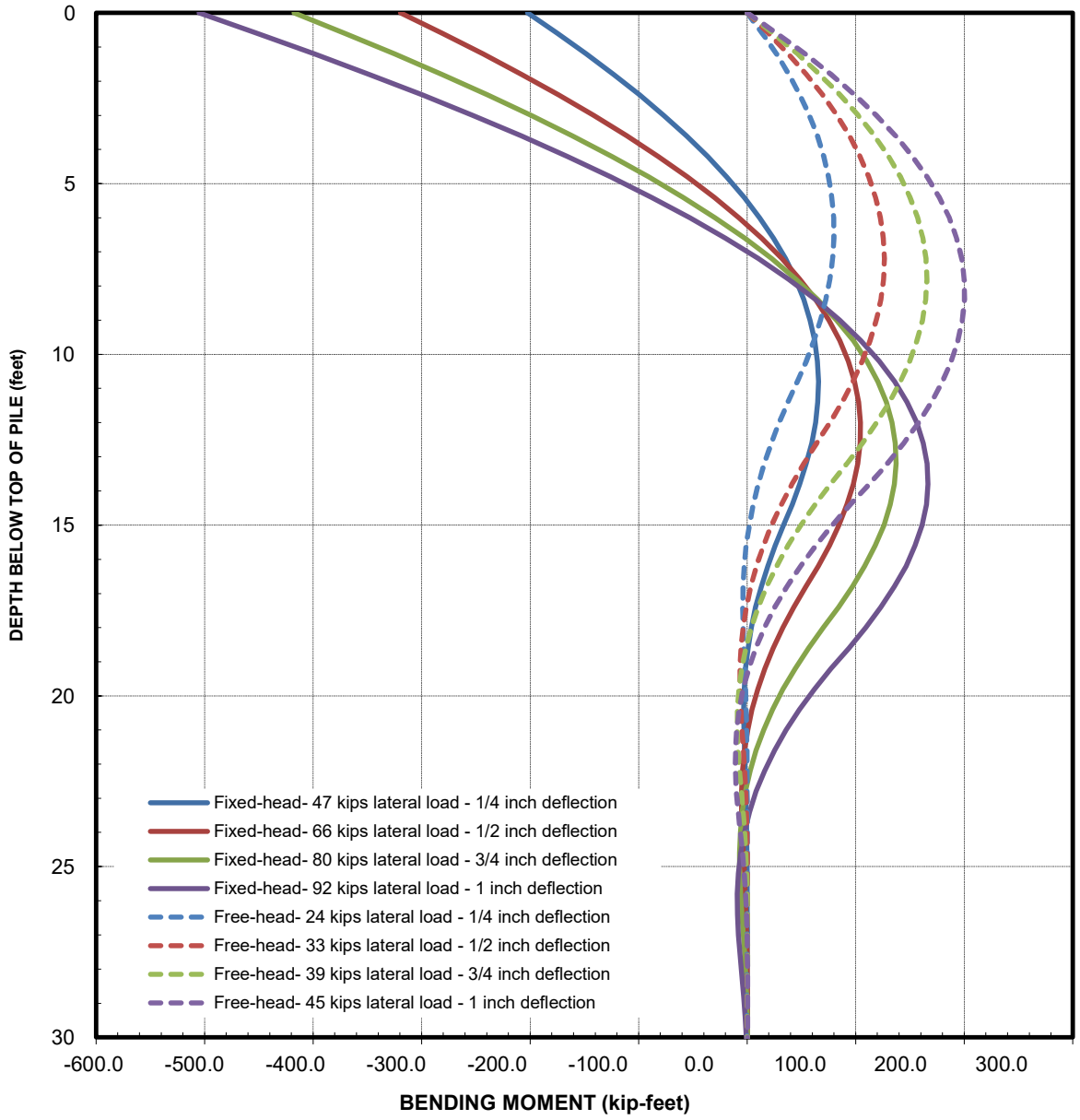
Project	Figure Title	Project No.	Figure No.
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL SAN JOSE SANTA CLARA COUNTY CALIFORNIA	DEFLECTION PROFILES FOR 24-INCH-DIAMETER AUGERED CAST-IN-PLACE PILE FOR SERVICE YARD TANKS	750677301	14
		Date 4/19/2023	
		Scale AS SHOWN	
		Prepared By: KM	



DRAFT

Notes:

1. The profiles shown are for a single augered cast-in-place pile, at least 60 feet long, with 185 kip axial load applied to top of pile.
2. If piles are spaced closer than six pile diameters, center to center, the lateral capacity should be reduced (see Table 15).
3. The lateral capacity of the piles is based on the soil strength and does not limit based on capacity of the pile. The actual bending moment capacity of the pile should be checked and should be confirmed by the selected design-build contractor.
4. Assumes concrete has a minimum compressive strength (f'c) of 5,000 psi, modulus of elasticity (E) of 4,000,000 psi, and the moment of inertia (I) of 2,500 in4 (assumes a 50% cracked section).
5. Passive resistance of pile caps has not been included.

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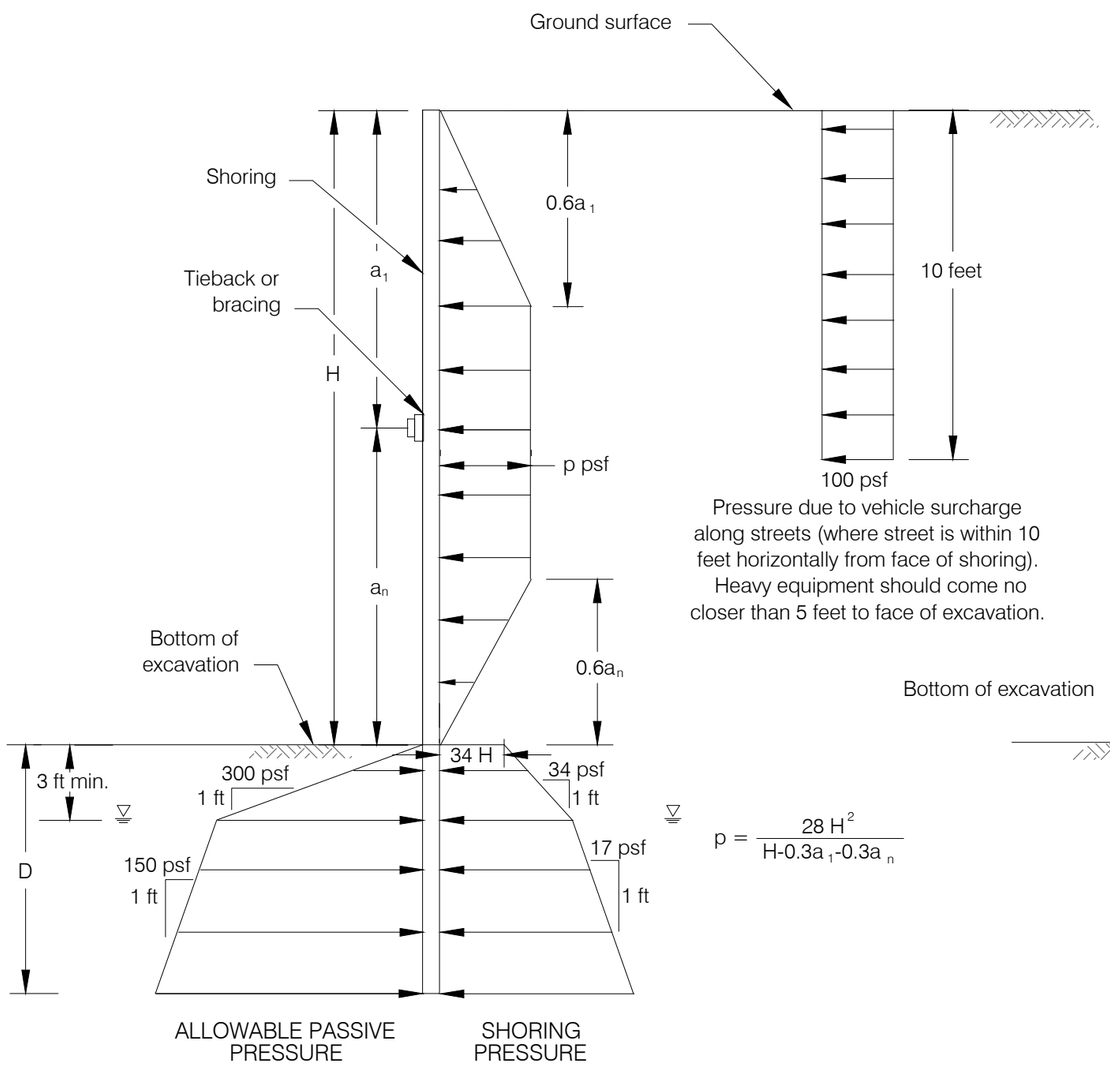
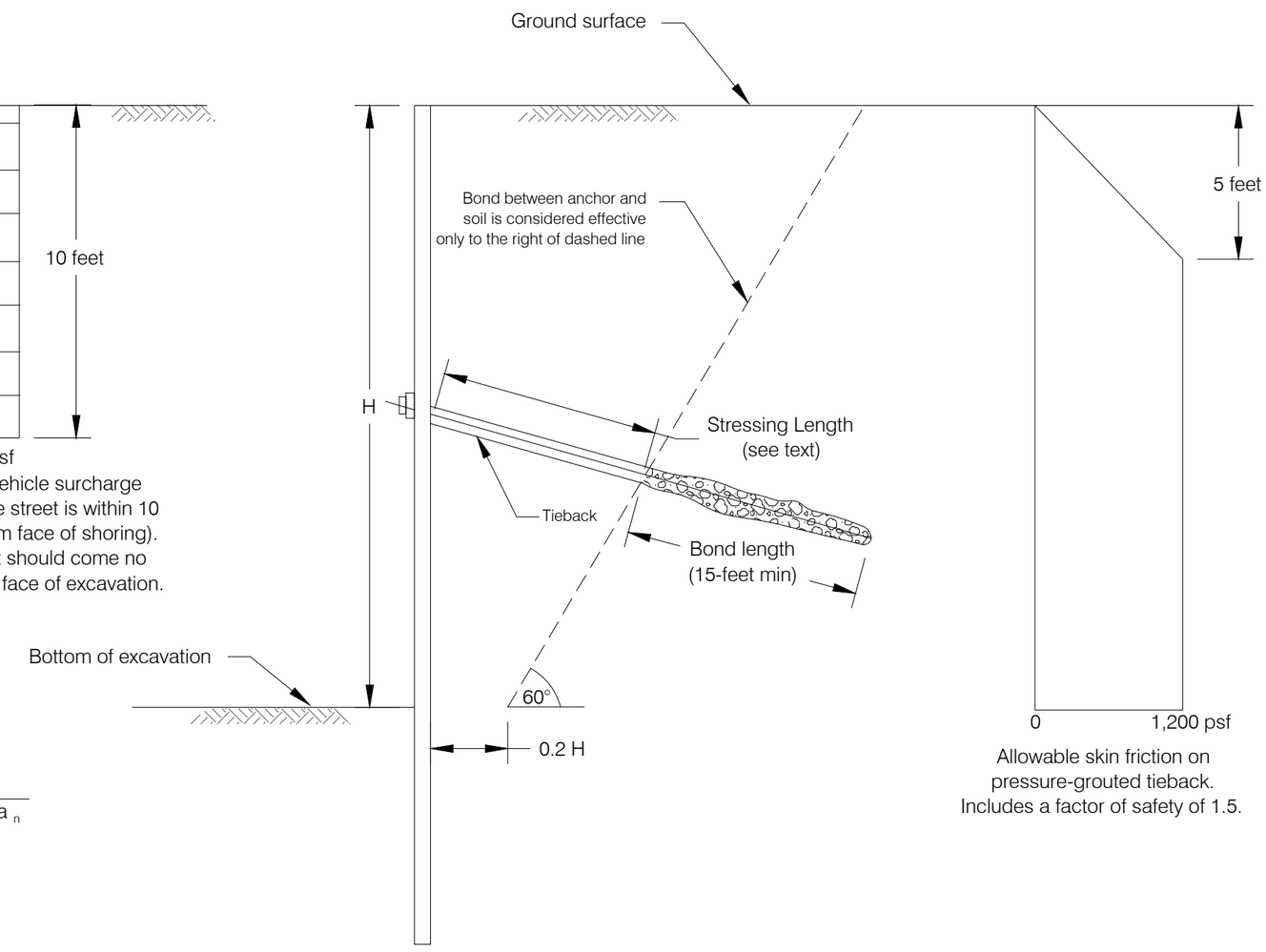
Project	Figure Title	Project No.	Figure No.
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL SAN JOSE SANTA CLARA COUNTY CALIFORNIA	BENDING MOMENT PROFILES FOR 24-INCH-DIAMETER AUGERED CAST-IN-PLACE PILE FOR SERVICE YARD TANKS	750677301 Date 4/19/2023 Scale AS SHOWN Prepared By: KM	15



Pressure due to vehicle surcharge along streets (where street is within 10 feet horizontally from face of shoring). Heavy equipment should come no closer than 5 feet to face of excavation.

$$p = \frac{28\,H^2}{H-0.3a_1-0.3a_n}$$



Allowable skin friction on pressure-grouted tieback. Includes a factor of safety of 1.5.

NOT TO SCALE

Notes and assumptions:

1. The groundwater table is drawn down to at least 3 feet below excavation level.
2. Passive pressure includes a factor of safety of about 1.5.
3. The passive pressure should be assumed to act over three diameters or the spacing of the soldier piles, whichever is less.
4. The embedment, D, of the shoring should be determined by the shoring designer, but not be less than 10 feet.
5. a_1 and a_n and H are in feet; psf = pounds per square foot; pcf = pounds per cubic foot.
6. Surcharge pressure from construction equipment, if any, should be added to the above shoring pressures.
7. The recommended pressures do not include surcharges from adjacent structures. Surcharge pressures from adjacent structures should be added to above shoring pressures, where adjacent structures are within a 1:1 (horizontal:vertical) plane projected up from the bottom of the excavation.

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Project
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

Figure Title
DESIGN PARAMETERS FOR TIED-BACK SOLDIER-PILE-AND-LAGGING TEMPORARY SHORING SYSTEM

Project No. 750677301
Date 02/23/2023
Drawn By AG
Checked By HS

Figure 16

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Filename: C:\bms\langan-pw-01\d0176371\FG04-750677301-B-GI0101.dwg Date: 5/5/2023 Time: 17:02 User: agekas Style Table: Apple LaserWriter 8500-2.ctb Layout: Figure 16

APPENDIX A

LOGS OF BORINGS

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PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-1**

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/09/23	Date finished: 01/09/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 186.5 feet [2]						
0					AC	3 inches asphalt concrete (AC)						
0.5					AB	9 inches aggregate base (AB)						
1	S&H		16 11 13	14	SC	CLAYEY SAND (SC) olive-gray, medium dense, moist, coarse-grained R-Value Test, see Figure C-26						
3	S&H		6 11 13	14	CL	CLAY with SAND (CL) olive-gray to dark brown, stiff, moist, fine to coarse sand LL = 36, PI = 20, see Figure C-22 R-Value Test, see Figure C-26					15.8	117
5	S&H		7 7 10	10		CLAY with SAND (CL) olive-gray, stiff, moist, fine sand, trace subangular to subrounded fine gravel						
7	S&H		7 7 7	8		red-yellow to olive-gray, medium stiff to stiff						
10	S&H		5 6 9	9		red-yellow with orange mottling, stiff, trace subangular fine gravel						
15	S&H		7 8 14	13		olive-gray with orange to dark brown mottling	PP		2,000			
17					CL							
20	S&H		8 10 8	11		stiff	PP		1,000			
25	S&H		7 9 11	12								
30						▽ (1/29/23, 9:46 AM)						

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Project No.:	Figure:
750677301	A-1a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-1

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		8 14 17	19	CL	CLAY with SAND (CL) (continued)						
32						SANDY CLAY (CL) olive-gray, very stiff, wet, fine sand	PP		3,000			
33					CL							
34												
35			7									
36	SPT		12 13	25		CLAY with SAND (CL) gray-brown, very stiff, wet, fine sand						
37												
38					CL							
39												
40			8									
41	S&H		10 10	12			PP PP		2,000 1,500			
42						SANDY CLAY (CL) gray with brown and orange mottling, stiff, wet, fine sand						
43						CLAY (CL) gray with brown mottling, stiff, wet						
44												
45			10			gray-brown						
46	S&H		10 14	14		Consolidation Test, see Figure C-1	PP		1,500		21.7	104
47												
48												
49												
50			11			gray-brown to olive-brown, stiff to very stiff						
51	S&H		13 16	17	CL	Triaxial Test, see Figure C-10	TxUU	4,900	1,460		23.9	102
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

LANGAN

Project No.: 750677301

Figure: A-1b

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-1

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
61	S&H		10 15 17	19	CL	CLAY (CL) (continued) red-yellow to olive-gray	PP		1,500			
69					CL	SANDY CLAY (CL) red-brown, very stiff, wet, fine sand						
70	S&H		12 14 16	18			PP		2,500			
72					CL	CLAY with SAND (CL) red-brown, very stiff, wet, fine sand						
80	S&H		12 14 16	18	CL	very stiff, trace fine angular gravel						
89					SP	SAND (SP)						
90												

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Project No.: 750677301

Figure: A-1c

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-1

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
91	SPT		11 15 27	42	SP	SAND (SP) (continued) dark brown to red-gray, dense, wet, fine- to coarse-grained, trace silt						
92												
93												
94												
95												
96												
97												
98												
99												
100			15		CL	CLAY (CL) yellow-brown and light brown, hard, wet, trace coarse sand						
101	S&H		30 38	41								
102												
103												
104												
105												
106												
107												
108												
109												
110												
111												
112												
113												
114												
115												
116												
117												
118												
119												
120												

DRAFT

Boring terminated at a depth of 101.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 29 feet bgs at 9:46 AM on 1/9/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-1d

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-2**
		PAGE 1 OF 2

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/10/23	Date finished: 01/10/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B53)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 185.7 feet [2]						
0					AC	4 inches asphalt concrete (AC)						
0					AB	9 inches aggregate base (AB)						
1-2	S&H		7 11 15	16	CL	CLAY (CL) red-brown with dark brown mottling, very stiff, moist, trace fine sand LL = 39, PI = 21, see Figure C-22					14.0	101
3-4	S&H		11 11 13	14	CL	CLAY with SAND (CL) red-brown, stiff, moist, fine sand, trace fine gravel, trace organics						
5-6	S&H		9 10 14	14								
7-8	S&H		6 8 11	11		SILTY SAND (SM) red-yellow to red-brown, medium dense, moist, fine-grained, some fine to coarse, subangular to subrounded gravel						
9-10	S&H		7 9 11	12	SM	red-brown Non-plastic, see Figure C-22				41.4		
11-12												
13-14												
15-16	S&H		7 10 11	13		CLAY (CL) brown to red-brown with gray mottling, stiff, moist						
17-18												
19-20	S&H		6 7 9	10	CL	red-brown to gray-brown Triaxial Test, see Figure C-11	TxUU	2,500	1,490		27.7	96
21-22												
23-24												
25-26	S&H		9 13 15	17	SP	SAND (SP) gray, medium dense, moist, medium-grained						
27						SANDY CLAY (CL) gray, very stiff, moist, fine sand						
28					CL							
29						▽ (1/10/23, 9:20 AM)						
30												

DRAFT

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Project No.:	Figure:
750677301	A-2a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-2

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		9 15 15	18	CL	SANDY CLAY (CL) (continued)						
32						SAND (SP) gray, medium dense, wet, medium-grained						
33						CLAY (CL) gray, very stiff, wet						
34												
35			6			gray with olive mottling, stiff						
36	S&H		8 12	12		Consolidation Test, see Figure C-2						
37												
38												
39												
40			5									
41	S&H		6 10	10	CL		PP		1,500			
42												
43												
44												
45			6			gray to olive-gray						
46	S&H		9 13	13			PP		1,500			
47												
48												
49												
50			6			SANDY CLAY (CL) gray with orange mottling, very stiff, wet, trace sand						
51	S&H		16 24	24	CL							
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 29 feet bgs at 9:20 AM on 1/10/23.
PP = Pocket Penetrometer.

[1] S&H blow counts for the last two increments were converted to SPT N-Values using factors of 0.6, to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-2b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	**KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL** San Jose, California	**Log of Boring B-3**	PAGE 1 OF 2

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/11/23	Date finished: 01/11/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B53)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION Ground Surface Elevation: 186 feet [2]	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
1					AB	2.5 inches asphalt concrete (AC) 6 inches aggregate base (AB)						
2	S&H		4 5 5	6	GC	CLAYEY GRAVEL (GC) gray, moist, fine, subangular						
3					CL	CLAY (CL) dark brown, medium stiff, moist, trace fine sand	PP		500			
4	S&H		6 8 10	11		CLAY with SAND (CL) red-brown to brown, stiff, moist, fine sand, trace fine angular to subangular gravel						
5												
6	S&H		6 6 9	9		yellow-brown, fine to medium sand LL = 32, PI = 12, see Figure C-22						
7												
8	S&H		8 12 14	16	CL	yellow-brown to brown, stiff to very stiff, trace coarse subangular to angular gravel Triaxial Test, see Figure C-12	TxUU	1,000	1,430		21.3	104
9												
10	S&H		4 8 9	10		stiff						
11												
12												
13												
14					SC	CLAYEY SAND (SC) gray-brown, medium dense, moist, fine- to medium-grained						
15	S&H		3 8 8	10								
16					CL	CLAY (CL) yellow-brown with olive-gray mottling, stiff, moist	PP		1,000			
17					SP	SAND (SP) yellow-brown with olive-gray mottling, medium dense, moist, fine-grained						
18												
19												
20	S&H		6 10 15	15	CL	CLAY (CL) yellow-brown with orange mottling, stiff to very stiff, moist, trace fine sand						
21												
22						CLAY with SAND (CL) yellow-brown with orange mottling, stiff, moist, fine sand						
23												
24					CL							
25												
26	S&H		4 7 9	10						60.9	25.6	102
27						SANDY CLAY (CL) yellow-brown with orange mottling, medium stiff, moist, fine sand, trace silt						
28					CL	▽ LL= 29, PI = 8, see Figure C-22 (9:00 AM, 1/11/23)						
29												
30												

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Project No.:	Figure:
750677301	A-3a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-3

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		4 6 6	7	CL	SANDY CLAY (CL) (continued) yellow-brown, wet, trace fine angular to subangular gravel						
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47												
48												
49												
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 31.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 28 feet bgs at 9:00 AM on 1/11/23.
PP = Pocket Penetrometer.

[1] S&H blow counts for the last two increments were converted to SPT N-Values using factors of 0.6, to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-3b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-4**
		PAGE 1 OF 4

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/12/23	Date finished: 01/12/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 186.5 feet [2]						
0					AB	2.5 inches asphalt concrete (AC)						
1						6 inches aggregate base (AB)						
2	S&H		11 16	20	CL	CLAY (CL) red-brown to dark brown, very stiff, moist, some organics, trace fine sand LL = 38, PI = 20, see Figure C-22						
3			18								13.7	115
4	S&H		10 10 10	12								
5						CLAY with SAND (CL) yellow-brown to olive-brown, stiff, moist, fine to medium sand, some fine subangular gravel						
6	S&H		7 8 11	11								
7												
8	S&H		11 13 14	16		yellow-brown, very stiff						
9												
10												
11	S&H		8 10 14	14		yellow-brown to olive-brown with orange mottling, stiff, trace coarse subangular gravel and organics	PP		1,750			
12												
13												
14					CL							
15												
16	S&H		7 11 14	15		stiff to very stiff	PP		2,250			
17												
18												
19												
20												
21	S&H		8 10 14	14		stiff, yellow-brown with orange and gray-brown mottling	PP		2,000			
22												
23												
24												
25						SANDY CLAY (CL) red-brown to gray-brown, stiff, moist, fine sand						
26	S&H		6 10 11	13			PP		1,750			
27						▽ (8:50 AM, 1/12/23)						
28					CL							
29												
30												

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Project No.:	Figure:
750677301	A-4a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-4

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	SPT		2 4 6	10	CL	SANDY CLAY (CL) (continued) wet						
35	S&H		8 10 12	13		CLAY (CL) gray-brown with brown mottling, stiff, wet Triaxial Test, see Figure C-13	TxUU	2,600	1,240		32.1	92
40	S&H		8 8 11	11	CL	Consolidation Test, see Figure C-3	PP		1,000		30.3	92
45	S&H		10 11 14	15	CL	CLAY with SAND (CL) gray-brown with brown mottling, stiff to very stiff, wet, fine sand	PP		2,000			
50	S&H		10 15 18	20	CL	very stiff SANDY CLAY (CL) brown to gray-brown, very stiff, wet, fine sand LL = 27, PI = 9, see Figure C-22				53.7	21.4	107
57					CL	CLAY with SAND (CL) yellow-brown to gray-brown, very stiff, wet, fine sand						

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Project No.: 750677301

Figure: A-4b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-4

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
61	S&H		8 10 16	16		CLAY with SAND (CL) (continued) Consolidation Test, see Figure C-4					24.2	101
70	S&H		25 50/ 5"	30/ 5"	CL	gray-brown with orange mottling, hard						
80	SPT		22 50/ 6"	50/ 6"	SP	SAND with GRAVEL (SP) gray-brown to dark brown, very dense, wet, fine- to coarse-grained, with fine to coarse to subangular to subrounded gravel						
82					GC	CLAYEY GRAVEL with SAND (GC) gray-brown to dark brown, very dense, wet, fine to coarse, subrounded to subangular, medium sand						
89					SP	SAND (SP) gray-brown to dark brown, very dense, wet, fine- to coarse-grained						

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Project No.: 750677301

Figure: A-4c

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-4

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
91	SPT		4 28 28	56	SP	SAND (SP) (continued)						
92						CLAYEY SAND with GRAVEL (SC) gray-brown to dark brown, very dense, wet, coarse-grained, fine to coarse subangular to subrounded gravel						
93												
94												
95												
96					SC							
97												
98												
99												
100						fine- to coarse-grained						
101	SPT		30 20 42	62	SP	SAND (SP) gray-brown to dark brown, very dense, wet, fine- to coarse-grained, trace fine to coarse subangular gravel						
102												
103												
104												
105												
106												
107												
108												
109												
110												
111												
112												
113												
114												
115												
116												
117												
118												
119												
120												

DRAFT

Boring terminated at a depth of 101.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 27 feet bgs at 8:50 AM on 1/12/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-4d

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-5**
		PAGE 1 OF 2

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/10/23	Date finished: 01/10/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B53)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 187.7 feet [2]						
0					AC	3 inches asphalt concrete (AC)						
0.5					AB	9 inches aggregate base (AB)						
1						CLAY with SAND (CL)						
2	S&H		9 12 16	17		red-brown to brown, very stiff, moist, fine sand						
3												
4	S&H		6 7 11	11		stiff, trace fine subangular gravel						
5												
6	S&H		7 8 11	11		trace fine angular to subangular gravel						
7												
8	S&H		5 7 9	10		gray-brown with red-brown mottling						
9												
10	S&H		5 10 14	14		decreased gravel content						
11							PP		1,500			
12												
13					CL							
14												
15												
16	S&H		4 8 11	11		Triaxial Test, see Figure C-14	TxUU	1,900	1,270		21.7	101
17												
18												
19												
20						red-brown to olive-gray						
21	S&H		6 7 10	10			PP		750			
22												
23												
24												
25												
26	S&H		6 9 13	13		CLAYEY SAND (SC) dark brown, medium dense, moist, fine-grained						
27						SANDY CLAY (CL) red-brown to olive-gray, stiff, moist, fine sand, trace fine angular to subangular gravel						
28					CL							
29												
30												

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Project No.:	Figure:
750677301	A-5a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-5

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		3 7 9	10	CL	▽ CLAY (CL) red-brown to gray-brown with gray mottling, medium stiff to stiff, wet (12:23 PM, 1/10/23) Triaxial Test, see Figure C-15	TxUU	1,800	720		34.2	91
32												
33												
34												
35												
36	S&H		4 10 12	13		stiff, gray-brown with orange and gray mottling	PP		1,500			
37												
38												
39												
40												
41	S&H		8 7 13	12	CL	CLAY with SAND (CL) gray with olive-gray mottling, stiff, wet	PP		1,750			
42												
43												
44												
45												
46	S&H		9 13 18	19	CL	CLAY (CL) gray with olive-gray mottling, very stiff, wet Consolidation Test, see Figure C-5	PP		2,250		21.2	105
47												
48												
49												
50												
51	S&H		10 9 11	12	CL	SANDY CLAY (CL) gray with olive and orange mottling, stiff, wet						
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 31 feet bgs at 12:23 PM on 1/10/23.
PP = Pocket Penetrometer.

[1] S&H blow counts for the last two increments were converted to SPT N-Values using factors of 0.6, to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-5b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

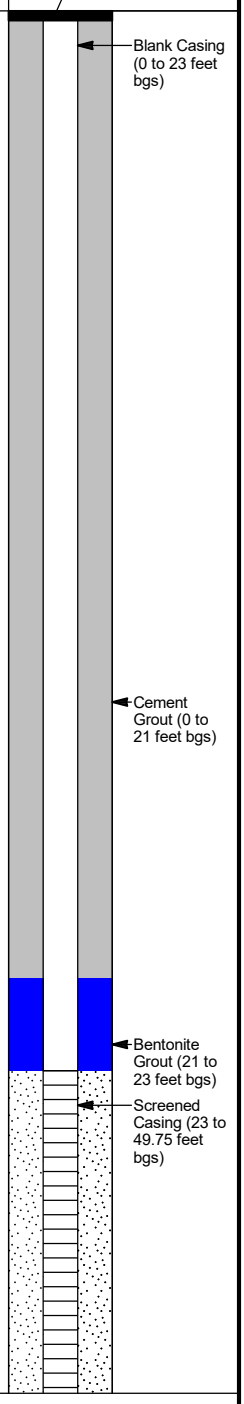
PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Piezometer B-6

Boring location: See Site Plan, Figure 2
Logged by: J. Nepolien
Date started: 01/11/23 Date finished: 01/11/23
Drilled By: Exploration Geoservices Inc.
Drilling method: Hollow Stem Auger (B53)
Hammer weight/drop: 140 lbs./30 inches Hammer type: Safety Downhole
Samplers: Sprague & Henwood (S&H)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 188 feet[2]						
					AB	2.5 inches asphalt concrete (AC)						
1						6 inches aggregate base (AB)						
2	S&H		3 7 12	11	CL	CLAY (CL) dark brown to gray, stiff, moist, trace fine sand						
3												
4	S&H		5 8 10	11								
5						CLAY with SAND (CL) red-brown to brown, stiff, moist, some fine subangular gravel LL= 35, PI = 16, see Figure C-22						
6	S&H		4 7 12	11		yellow-brown, fine to medium sand						
7												
8	S&H		5 7 9	10		yellow-brown with orange and gray mottling, trace fine subangular gravel						
9												
10												
11	S&H		4 7 9	10		increased sand content						
12												
13												
14												
15					CL							
16	S&H		5 8 12	12		yellow-brown to olive-gray with orange mottling, trace fine subangular gravel	PP		1,500			
17												
18												
19												
20												
21	S&H		6 8 10	11		decreased gravel content						
22												
23												
24												
25					SP	SAND (SP) gray-brown, medium dense, moist, fine-grained						
26	S&H		7 11 11	13								
27						CLAY with SAND (CL) gray-brown, stiff, moist, fine sand						
28					CL							
29												
30					SP	SAND (SP)						

PIEZOMETER COMPLETION INFORMATION



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Project No.: 750677301 Figure: A-6a

GEOTECH PIEZOMETER W BLOWS PER 6 INCHES 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/05/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Piezometer B-6

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	LABORATORY TEST DATA: Confining Pressure Lbs/Sq Ft	LABORATORY TEST DATA: Shear Strength Lbs/Sq Ft	LABORATORY TEST DATA: Fines %	LABORATORY TEST DATA: Natural Moisture Content, %	LABORATORY TEST DATA: Dry Density Lbs/Cu Ft	PIEZOMETER COMPLETION INFORMATION
31	S&H		7 11 13	14	SP	SAND (SP) (continued) gray-brown, medium dense, moist, fine-grained (12:15 PM, 1/11/23)							
32													
33					CL	CLAY (CL) red-brown to gray-brown with orange mottling, stiff, wet, trace medium sand							
34													
35						gray with brown mottling							
36	S&H		6 9 11	12									
37					CL	SANDY CLAY (CL) gray with brown mottling, stiff, wet, fine sand LL = 32, PI = 14, see Figure C-23	PP		1,500	68.9			
38													
39													
40						SANDY CLAY (CL) gray, stiff to very stiff, wet, fine sand							
41	S&H		10 11 14	15	CL								
42													
43													
44						CLAY with SAND (CL) olive-gray to gray-brown, stiff, wet, fine sand							
45													
46	S&H		9 10 12	13	CL		PP		1,500				
47													
48													
49						SANDY CLAY (CL) gray-brown with orange and gray mottling, stiff, wet, fine sand							
50					CL								
51	S&H		5 8 9	10									
52													
53													
54													
55													
56													
57													
58													
59													
60													

Sand (21 to 50 feet bgs)

End Cap From 49.75 To 50 Feet

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Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 31 feet bgs at 12:15 PM on 1/11/23.
PP = Pocket Penetrometer.

[1] S&H blow counts for the last two increments were converted to SPT N-Values using factors of 0.6, to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-6b

GEOTECH PIEZOMETER W BLOWS PER 6 INCHES 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/05/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-7

Boring location: See Site Plan, Figure 2
Logged by: K. Pettey
Date started: 01/13/23 Date finished: 01/13/23
Drilled By: Exploration Geoservices Inc.
Drilling method: Hollow Stem Auger (B61)
Hammer weight/drop: 140 lbs./30 inches Hammer type: Safety Downhole
Samplers: Sprague & Henwood (S&H), Standard Penetration Test (SPT)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 188.3 feet [2]						
0					AB	2 inches asphalt concrete (AC)						
0					AB	8 inches aggregate base (AB)						
2	S&H		9 11 14	15	CL	CLAY with SAND (CL) gray to dark brown, stiff to very stiff, moist, fine sand						
4	S&H		5 6 7	8		SANDY CLAY (CL) brown to light brown, medium stiff to stiff, moist, fine sand						
6	S&H		7 8 8	10		light brown with orange mottling to dark brown, stiff						
8	S&H		5 6 12	11		trace fine subangular gravel						
10	S&H		6 10 11	13								
13					CL							
15	S&H		6 7 7	8		medium stiff to stiff, increased sand content						
20	S&H		7 7 7	8		decreased sand content						
24						SANDY SILT (ML) light brown with orange mottling to dark brown, stiff, moist, medium sand increasing sand content						
26	S&H		8 10 11	13		Triaxial Test, see Figure C-16	TxUU	3,100	1,210		22.7	102
27					ML	▽ (10:57 AM, 1/13/23), (11:30 AM. 1/13/23)						
30												

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Project No.: 750677301
Figure: A-7a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-7

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		9 10 11	13	ML	SANDY SILT (ML) (continued) LL = 24, PI = 2, see Figure C-23 brown, wet				51.5	21.7	102
32	SPT		6 6 7	13	SM	SILTY SAND (SM) brown, medium dense, wet, fine-grained				22.6		
33						CLAY with SAND (CL) brown, stiff, wet, fine sand						
34												
35	S&H		7 11 14	15	CL	gray-brown with orange mottling to light brown, stiff to very stiff, decreasing sand content	PP		2,000			
36												
37												
38						CLAY (CL) gray-brown, very stiff, wet, trace fine sand						
39												
40	S&H		11 15 24	23								
41												
42												
43												
44					CL							
45	S&H		6 10 11	13		gray, stiff, wet Consolidation Test, see Figure C-6	PP		1,300		31.9	89
46												
47												
48												
49												
50	S&H		10 12 14	16	CL	SANDY CLAY (CL) gray, very stiff, wet, fine sand						
51							PP		1,800			
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 27 feet bgs at 10:57 AM and 11:30 AM on 1/13/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-7b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-8**
		PAGE 1 OF 2

Boring location:	See Site Plan, Figure 2	Logged by:	K. Pettey
Date started:	01/13/23	Date finished: 01/13/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 187.7 feet [2]						
0					AB	2 inches asphalt concrete (AC) 10 inches aggregate base (AB)						
2	S&H		5 8 12	12	CL	CLAY with SAND (CL) dark brown, stiff, moist, fine sand LL = 38, PI = 20, see Figure C-23					20.0	106
4	S&H		6 7 6	8		SANDY CLAY (CL) light brown, stiff, moist, fine sand light brown with brown mottling to olive-brown						
6	S&H		8 8 8	10								
8	S&H		7 9 11	12		stiff, trace coarse subrounded to angular gravel						
10	S&H		7 10 10	12								
15	S&H		7 10 10	12	CL	increased sand content						
20	S&H		8 8 9	10								
25	S&H		9 16 13	17								
26						SILTY SAND (SM) brown, medium dense, moist, fine-grained (8:50 AM, 1/13/23), (9:20 AM, 1/13/23) Non-plastic, see Figure C-23				30.5	12.2	117
27					SM							
30												

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LANGAN

Project No.:	Figure:
750677301	A-8a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-8

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	SPT		9 10 11	21	SM	SILTY SAND (SM) (continued) dark brown to brown, wet Non-plastic, see Figure C-23				22.6		
32	SPT		7 7 16	23		brown						
33					CL	SANDY CLAY (CL) brown to light brown, very stiff, wet, fine sand						
34												
35	S&H		10 11 12	14		light brown to gray-brown with orange mottling, stiff						
36												
37												
38												
39						CLAY with SAND (CL) gray, stiff, wet, fine sand						
40	S&H		6 7 12	11								
41						Consolidation Test, see Figure C-7					29.0	93
42												
43												
44												
45	S&H		14 18 20	23	CL	gray-brown with orange mottling to light brown, very stiff						
46												
47												
48												
49												
50	S&H		10 14 20	20		gray-brown to light brown, increased sand content						
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 27 feet bgs at 8:50 AM and 9:20 AM on 1/13/23.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-8b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-9**

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/16/23	Date finished: 01/16/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 188.6 feet [2]						
0					AB	2 inches asphalt concrete (AC)						
0					AB	7 inches aggregate base (AB)						
2	S&H		16 18 24	25	CL	CLAY (CL) gray to dark brown, very stiff, moist, trace fine sand						
4	S&H		9 13 15	17	CL	gray to brown						
6	S&H		3 6 8	8	CL	SANDY CLAY (CL) yellow-brown with gray mottling, medium stiff to stiff, moist, fine to medium sand, trace fine subangular gravel						
8	S&H		5 6 10	10	CL	stiff						
11	S&H		5 7 10	10	CL	gray-brown with orange mottling						
16	S&H		5 8 10	11	CL	yellow-brown with orange and gray mottling	PP		1,500			
18					CL	CLAY with SAND (CL) brown, stiff, moist, fine sand						
21	S&H		5 7 9	10	CL	SANDY CLAY (CL) yellow-brown with orange and gray mottling, stiff, moist, fine sand	PP		1,000			
26	S&H		4 4 8	7	CL	medium stiff LL = 32, PI = 11, see Figure C-23				64.6	22.8	103

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Project No.:	Figure:
750677301	A-9a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-9

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	SPT		7 7 7	14	SC	▽ CLAYEY SAND (SC) red-brown to dark brown, medium dense, wet, fine-grained (8:47 AM, 1/16/23)				17.4		
32	SPT		6 8 12	20		SANDY CLAY (CL) yellow-brown with orange mottling, very stiff, wet, fine sand						
34												
35	S&H		9 10 10	12	CL	stiff						
37												
39												
40	S&H		9 10 11	13	CL	CLAY with SAND (CL) yellow-brown, stiff, wet, fine sand LL = 39, PI = 21, see Figure C-23 gray-brown to red with gray mottling				81.4	31.2	95
43												
44						SANDY CLAY (CL) gray to gray-brown, medium stiff to very stiff, wet, fine sand						
45	S&H		12 13 13	16	CL	Triaxial Test, see Figure C-17	TxUU	3,600	810		22.1	108
48												
49												
50	S&H		25 50/ 3"	30/ 3"		yellow-brown to gray-brown, hard						
51						CLAYEY GRAVEL (GC) gray-brown to yellow-brown, very dense, wet, fine to coarse, subangular to subrounded						
54					GC							
58												
59					SP	SAND (SP)						
60												

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Project No.: 750677301

Figure: A-9b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-9

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
61	SPT		50/ 6"	30/ 6"	SP	SAND (SP) (continued) red-brown to brown, very dense, wet, medium- to coarse-grained, trace coarse subangular to subrounded gravel						
62												
63												
64												
65												
66					GP-GC	GRAVEL with CLAY (GP-GC) yellow-brown to gray-brown, very dense, wet, fine, subangular to subrounded						
67												
68												
69												
70	SPT		25 50/ 6"	30/ 6"	SP	SAND (SP) dark brown, very dense, wet, medium-grained						
71												
72												
73												
74												
75												
76												
77												
78												
79												
80	SPT		12 22 50	72		dark brown to gray, medium- to coarse-grained, trace fine angular to subangular gravel red-brown to brown						
81												
82												
83												
84												
85												
86												
87												
88					SC	CLAYEY SAND (SC) yellow-brown to brown with orange and gray mottling, dense, wet, fine-grained						
89												
90												

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Project No.: 750677301

Figure: A-9c

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-9

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
91	S&H		18 22 30	31		CLAYEY SAND (SC) (continued)						
92												
93												
94												
95					SC							
96												
97												
98												
99												
100	SPT		12 17 18	35		SAND (SP) red-brown to gray-brown, dense, wet, fine-grained						
101					CL	SANDY CLAY (CL) gray-brown, hard, wet, fine sand						
102												
103												
104												
105												
106												
107												
108												
109												
110												
111												
112												
113												
114												
115												
116												
117												
118												
119												
120												

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Boring terminated at a depth of 101.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 31 feet bgs at 8:47 AM on 1/16/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-9d

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-10

Boring location: See Site Plan, Figure 2
Logged by: J. Nepolien
Date started: 01/20/23 Date finished: 01/20/23
Drilled By: Exploration Geoservices Inc.
Drilling method: Hollow Stem Auger (B61)
Hammer weight/drop: 140 lbs./30 inches Hammer type: Safety Downhole
Samplers: Sprague & Henwood (S&H), Standard Penetration Test (SPT)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION (Ground Surface Elevation: 186 feet [2])	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
1	GRAB				CL	CLAY (CL) red-brown to dark brown, moist, trace fine sand, some organics R-Value Test, see Figure C-27						
2												
3	GRAB											
4												
5												
6	S&H		5 7 8	9		SANDY CLAY (CL) yellow-brown to brown, stiff, moist, fine sand, trace fine angular to subangular gravel						
7												
8	S&H		6 8 11	11		yellow-brown to brown with orange mottling, stiff						
9						increased sand content						
10												
11	S&H		7 11 12	14		trace fine subangular gravel, trace organics						
12												
13												
14												
15					CL							
16	S&H		7 10 13	14		stiff, decreased sand content						
17												
18												
19												
20												
21	S&H		6 8 11	11			PP		1,250			
22												
23												
24												
25						▽ (8:25 AM, 1/20/23)						
26	S&H		8 9 10	11						44.1	14.8	105
27	SPT		9 9 9	18	SC	CLAYEY SAND (SC) yellow-brown, medium dense, wet, fine-grained, trace fine subangular gravel and clay LL = 27, PI = 9, see Figure C-23 red-brown to brown						
28												
29					CL	▽ CLAY (CL) (9:55 AM, 1/20/23)						
30												

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Project No.: 750677301
Figure: A-10a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-10

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	SPT		8 8 10	18		CLAY (CL) (continued) gray-brown with orange and gray mottling, very stiff, wet						
32												
33												
34												
35			10									
36	S&H		10 16	16	CL	medium stiff to very stiff Triaxial Test, see Figure C-18	TxUU	2,800	740		30.7	94
37												
38												
39												
40			12									
41	S&H		24 30	32		hard						
42						SANDY CLAY (CL) gray to gray-brown, very stiff, wet, fine sand						
43					CL							
44												
45			12			CLAY with SAND (CL) gray to gray-brown with orange mottling, very stiff, wet, fine sand						
46	S&H		18 20	23	CL							
47												
48						SANDY CLAY (CL) yellow-brown to brown with orange and gray mottling, very stiff, wet, fine sand						
49												
50			12		CL							
51	S&H		17 19	22								
52												
53												
54												
55												
56												
57												
58												
59												
60												

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Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 25 feet bgs at 8:25 AM and recorded at approximately 29 feet bgs at 9:55 AM on 1/20/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-10b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	**KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL** San Jose, California	**Log of Boring B-11**
		PAGE 1 OF 2

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/19/23	Date finished: 01/19/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 188 feet [2]						
1						SANDY CLAY (CL) red-brown to dark brown, moist, fine sand, trace organics						
2	GRAB											
3												
4												
5			17									
6	S&H		17	20		yellow-brown to brown, with orange and gray mottling, very stiff, moist, fine sand increased sand content						
7			17									
8	S&H		9	16								
9			11									
10			16									
11	S&H		10	14		stiff, trace fine subangular to angular gravel						
12			10									
13			14		CL							
14												
15			10									
16	S&H		10	15		stiff to very stiff						
17			15									
18												
19												
20			7									
21	S&H		10	14		yellow-brown to brown with orange and gray mottling, stiff, fine sand, trace fine subangular gravel						
22			14									
23												
24												
25			6									
26	S&H		6	11								
27			12		SM	SILTY SAND (SM) red-brown to dark brown, medium dense, moist, fine-grained						
28	SPT		5 6 7	13								
29					CL	SANDY CLAY (CL) gray-brown to brown, stiff, moist, fine sand						
30												

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Project No.:	Figure:
750677301	A-11a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-11

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		5 6 8	8		SANDY CLAY (CL) (continued) (1:00 PM, 1/19/23)						
32					SM	SILTY SAND (SM) red-brown to dark brown, loose, wet, fine-grained						
33						CLAY (CL) gray-brown to brown with orange and gray mottling, stiff, wet, trace fine sand						
34												
35			10									
36	S&H		11 12	14								
37					CL							
38												
39												
40			7									
41	S&H		8 9	10								
42	SPT		12 12 12	24		SILTY SAND (SM) gray-brown, loose to medium dense, wet, fine-grained, trace organics						
43					CL	CLAY (CL) gray-brown, very stiff, wet						
44						SANDY CLAY (CL) gray-brown to brown, medium stiff to very stiff, wet, fine sand						
45			10									
46	S&H		14 16	18	CL	Triaxial Test, see Figure C-19	TxUU	3,600	610		22.1	106
47												
48												
49						CLAY with SAND (CL) gray-brown with olive-gray mottling, very stiff, wet, fine sand, trace organics						
50			15		CL							
51	S&H		20 25	27			PP		2,500			
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 31 feet bgs at 1:00 PM on 1/19/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-11b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	**KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL** San Jose, California	**Log of Boring B-12**
		PAGE 1 OF 3

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/17/23	Date finished: 01/17/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 189.6 feet [2]						
0					AC	6 inches asphalt concrete (AC)						
					AB	6 inches aggregate base (AB)						
2	S&H		14 14 16	18	CL	CLAY with SAND (CL) red-brown to dark brown, very stiff, moist, fine sand, trace subangular gravel LL = 39, PI = 20, see Figure C-24					14.7	108
4	S&H		10 12 12	14		SANDY CLAY (CL) yellow-brown to brown, stiff, moist, fine sand						
6	S&H		6 8 9	10								
10					CL							
11	S&H		10 14 16	18		very stiff, trace coarse subangular to angular gravel						
16	S&H		11 13 16	17								
17						CLAYEY SAND (SC) yellow-brown with orange and gray mottling, medium dense, moist, fine-grained						
18					CL	CLAY with SAND (CL) gray-brown with orange and gray mottling, very stiff, moist, fine sand						
21	S&H		10 11 14	15	CL	SANDY CLAY (CL) yellow-brown to brown with orange and gray mottling, stiff to very stiff, moist, fine sand	PP		1,500			
22	SPT		9 10 11	21	SM	SILTY SAND (SM) red-brown to dark brown, medium dense, moist, fine-grained Non-plastic, see Figure C-24				23.8		
24	SPT		6 7 13	20		brown to red-brown, increasing clay content						
26	SPT		8 8 14	22	SC-SM	CLAYEY SILTY SAND (SC-SM) yellow-brown to brown, medium dense, moist, fine-grained ▽ LL = 24, PI = 6, see Figure C-24 (9:05 AM, 1/17/23)				47.1		
30												

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Project No.:	Figure:
750677301	A-12a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-12

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		5 5 10	9		SAND (SP) red-brown to dark brown, loose, wet, fine- to coarse-grained						
32	SPT		5 8 8	16	CL	CLAYEY SAND (SC) yellow-brown with orange mottling, loose, wet, fine-grained						
34						CLAY with SAND (CL) brown with olive mottling, stiff, wet, fine sand						
35			8		CL	CLAY (CL) gray-brown with olive mottling, very stiff, wet						
36	S&H		9 10	11		SANDY CLAY (CL) gray-brown with olive mottling, stiff, wet, fine to coarse sand	PP PP		1,500 1,250			
38					CL	CLAY (CL) gray-brown to olive-gray, stiff, wet						
40			6			CLAY with SAND (CL) gray-brown to olive-gray, stiff, wet, fine sand						
41	S&H		7 9	10		LL = 33, PI = 12, see Figure C-24				87.6	27.7	102
43					CL							
45			6									
46	S&H		9 11	12								
47						SANDY CLAY (CL) gray-brown to olive-gray, stiff, wet, fine sand						
50			18									
51	S&H		18 18	22		very stiff						
53					CL							
60												

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Project No.: 750677301

Figure: A-12b

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-12

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
61	S&H		10 14 15	17	CL	SANDY CLAY (CL) (continued) yellow-brown with orange and gray mottling, very stiff, trace fine angular to subangular gravel Triaxial Test, see Figure C-20	TxUU	5,600	2,600		22.0	106
70	S&H		12 16 27	26	SM	SILTY SAND (SM) gray to brown, medium dense, wet, fine-grained Non-plastic, see Figure C-24				19.3		
75	SPT		14 17 23	40	CL	CLAY with SAND (CL) brown with orange mottling, hard, wet, fine sand, trace fine to coarse angular to subangular gravel						

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Boring terminated at a depth of 76.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 27 feet bgs at 9:05 AM on 1/17/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-12c

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	**KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL** San Jose, California	**Log of Boring B-13** PAGE 1 OF 2

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/18/23	Date finished: 01/18/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 189 feet [2]						
0					AC	3 inches asphalt concrete (AC)						
0					AB	7 inches aggregate base (AB)						
1												
2	S&H		24 25 30	33	CL	CLAY with SAND (CL) red-brown to brown, hard, moist, fine sand						
3												
4	S&H		15 16 15	19		yellow-brown to brown, very stiff						
5					CL	CLAY with SAND (CL) yellow-brown to red-brown, very stiff, moist, fine sand						
6	S&H		5 15 21	22								
7						SANDY CLAY (CL) yellow-brown to brown, very stiff, moist, fine sand LL = 31, PI = 12, see Figure C-24						
8												
9												
10												
11	S&H		9 11 16	16		yellow-brown to brown, fine to medium sand						
12												
13												
14												
15					CL							
16	S&H		10 12 14	16		yellow-brown to gray-brown with orange mottling, fine sand						
17												
18												
19												
20												
21	S&H		7 10 12	13		yellow-brown to brown with orange and gray mottling, stiff						
22												
23												
24												
25			10			CLAY with SAND (CL)						
26	S&H		11 12	14		yellow-brown to brown, stiff, moist, fine to medium sand LL = 33, PI = 13, see Figure C-24						
27	SPT		6 6	13	CL	red-brown to brown, decreased sand content				81.8		
28			7			▽ (11:45 AM, 1/18/23)						
29												
30					SC	CLAYEY SAND (SC)						

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Project No.:	Figure:
750677301	A-13a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-13

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		14 16 20	22	SC	CLAYEY SAND (SC) (continued red-brown to brown with orange and gray mottling, medium dense, wet, fine-grained, trace fine angular to subangular gravel				30.9	17.1	64
32	SPT		4 5 10	15	SP							
33					SC	SAND (SP) dark brown, medium dense, wet, fine- to medium-grained						
34						CLAYEY SAND (SC) red-brown to yellow-brown with orange mottling, medium dense, wet, fine-grained						
35	S&H		7 9 9	11	CL	CLAY (CL) gray-brown with brown mottling, stiff, wet, trace fine sand Consolidation Test, see Figure C-8	PP		1,750		37.5	82
36												
37												
38												
39						CLAY with SAND (CL) gray-brown with brown mottling, stiff, wet, fine sand						
40	S&H		7 10 14	14	CL		PP		1,400			
41												
42												
43												
44						SANDY CLAY (CL) gray-brown to yellow-brown, medium stiff, wet, fine sand						
45	S&H		7 7 8	9	CL							
46												
47												
48												
49												
50	S&H		7 11 15	16		gray-brown with olive-gray mottling, very stiff						
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

DRAFT

Boring terminated at a depth of 51.5 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at approximately 28 feet bgs at 11:45 AM on 1/18/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

LANGAN

Project No.: 750677301
Figure: A-13b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-14

Boring location: See Site Plan, Figure 2
Logged by: J. Nepolien
Date started: 01/18/23 Date finished: 01/18/23
Drilled By: Exploration Geoservices Inc.
Drilling method: Hollow Stem Auger (B61)
Hammer weight/drop: 140 lbs./30 inches Hammer type: Safety Downhole
Samplers: Sprague & Henwood (S&H), Standard Penetration Test (SPT)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 188.3 feet [2]						
0					AB	2 inches asphalt concrete (AC)						
0.5					AB	7 inches aggregate base (AB)						
1	S&H		16 16 28	26	CL	SANDY CLAY (CL) dark brown to red-brown, very stiff, moist, fine sand						
3	S&H		12 16 20	22	CL	CLAY (CL) dark brown to red-brown, very stiff, moist, trace fine sand LL = 39, PI = 21, see Figure C-24					14.3	118
5	S&H		8 14 20	20	CL	SANDY CLAY (CL) yellow-brown with gray mottling, very stiff, moist, fine sand						
10	S&H		8 8 10	11	CL	stiff to very stiff Triaxial Test, see Figure C-21	TxUU	1,300	2,430		18.8	109
13					SP	SAND (SP) yellow-brown, loose to medium dense, moist, fine-grained						
15	SPT		4 4 6	10	SP							
17	SPT		4 6 7	13	CL	CLAY with SAND (CL) red-brown to yellow-brown with gray mottling, stiff, moist, fine sand, trace fine angular to subangular gravel						
20	S&H		3 5 7	7	CL	SANDY CLAY (CL) yellow-brown to brown with orange and gray mottling, stiff, moist, fine sand						
25	S&H		8 12 13	15	SC	CLAYEY SAND (SC) yellow-brown to brown with orange mottling, medium dense, moist, fine-grained						
27					CL	SAND with CLAY (SP-SC) red-brown to dark brown, medium dense, moist, fine-grained (12:09 PM, 1/18/23) (9:00 AM, 1/18/23) SANDY CLAY (CL)						
30												

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Project No.: 750677301 Figure: A-14a

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-14

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		7 10 12	13	CL	SANDY CLAY (CL) (continued) yellow-brown to gray-brown, stiff, wet, fine sand, trace fine angular to subangular gravel						
32	SPT		6 7 12	19		SAND (SP) red-brown to dark brown, medium dense, wet, fine- to medium-grained, trace fine subangular to angular gravel						
33						CLAYEY SAND (SC) brown, medium dense, wet, fine-grained						
34												
35	S&H		7 9 9	11	CL	CLAY (CL) yellow-brown to gray-brown with orange and gray mottling, stiff, wet, trace fine sand increased sand content LL = 46, PI = 22, see Figure C-25				98.2		
36												
37												
38												
39												
40	S&H		12 16 16	19	CL	SANDY CLAY (CL) gray-brown to brown with olive mottling, very stiff, wet, fine sand						
41												
42												
43												
44						CLAY with SAND (CL) gray-brown with olive mottling, very stiff, wet, fine sand						
45	S&H		10 12 16	17	CL							
46												
47												
48												
49						SANDY CLAY (CL) gray-brown to brown, stiff, wet, fine sand						
50	S&H		7 8 9	10	CL							
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

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Boring terminated at a depth of 51.5 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 28 feet bgs at 9:00 AM and recorded at approximately 27 feet bgs at 12:09 PM on 1/18/23.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-14b

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

PROJECT:	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL San Jose, California	**Log of Boring B-15**
		PAGE 1 OF 3

Boring location:	See Site Plan, Figure 2	Logged by:	J. Nepolien
Date started:	01/19/23	Date finished: 01/19/23	Drilled By: Exploration Geoservices Inc.
Drilling method:	Hollow Stem Auger (B61)		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety Downhole	
Samplers:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value [1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						Ground Surface Elevation: 187.5 feet [2]						
0					AC	3 inches asphalt concrete (AC)						
					AB	6 inches aggregate base (AB)						
2	S&H		12 24 24	29	CL	CLAY (CL) yellow-brown to dark brown, very stiff, moist, trace fine sand R-Value Test, see Figure C-28						
4	S&H		9 13 16	17								
5						SANDY CLAY (CL) yellow-brown to brown, stiff to very stiff, moist, fine sand, trace fine angular gravel					14.4	118
6	S&H		6 9 10	11		LL = 37, PI = 19, see Figure C-25 R-Value Test, see Figure C-28						
8					CL	increased sand content						
10	S&H		6 11 15	16		yellow-brown to red-brown, very stiff				70.8		
12					CL	CLAY with SAND (CL) yellow-brown to red-brown, very stiff, moist, fine sand						
15	S&H		5 10 13	14		SANDY CLAY (CL) brown with orange and gray mottling, stiff, moist, fine sand						
20	S&H		6 12 9	13	CL	red-brown to yellow-brown with orange and gray mottling, stiff, trace fine angular gravel increased sand content						
25	S&H		7 10 14	14		red-brown to brown, stiff				58.1		
28						▽ (8:40 AM, 1/18/23)						

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Project No.:	Figure:
750677301	A-15a

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-15

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31	S&H		7 8 10	11	CL	SANDY CLAY (CL) (continued) brown with orange and gray mottling, wet						
32	SPT		5 6 7	13	SM	SILTY SAND (SM) red-brown to brown, medium dense, wet, fine-grained						
33					CL	SANDY CLAY (CL) red-brown to brown, stiff, wet, fine sand						
34												
35	S&H		7 9 9	11		CLAY (CL) brown to gray-brown with orange and gray mottling, stiff, wet, trace fine sand						
36												
37					CL							
38												
39												
40	S&H		7 7 12	11	SC	CLAYEY SAND (SC) red-brown to dark brown, medium dense, wet, fine-grained						
41					CL	SANDY CLAY (CL) gray-brown with brown mottling, stiff, wet, fine sand						
42	SPT		5 5 8	13	SC	CLAYEY SAND (SC) red-brown to dark brown, medium dense, wet, fine-grained						
43												
44						SANDY CLAY (CL) gray-brown with brown mottling, stiff, wet, fine sand, trace fine angular to subangular gravel						
45	S&H		12 13 16	17		very stiff, trace organics						
46												
47												
48												
49												
50	S&H		10 14 18	19								
51					CL							
52												
53												
54												
55												
56												
57												
58												
59												
60												

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Project No.: 750677301

Figure: A-15b

PROJECT: **KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL**
San Jose, California

Log of Boring B-15

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
61	S&H	■	8 12 12	14	CL	SANDY CLAY (CL) (continued) stiff, trace fine angular to subangular gravel Consolidation Test, see Figure C-9	PP		1,700		22.6	103
70	S&H	■	26 30 44	44	SP	SAND with GRAVEL (SP) dark brown to gray-brown, dense, wet, medium- to coarse-grained, fine to coarse angular to subangular and subrounded gravel						
75	SPT	◪	50/ 5"	30/ 5"		very dense						

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Boring terminated at a depth of 75.4 feet below ground surface (bgs).
Boring backfilled with cement grout.
Groundwater encountered at approximately 28 feet bgs at 8:40 AM on 1/19/23.
PP = Pocket Penetrometer.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on National Geodetic Vertical Datum of 1929 (NGVD29) per "Supplemental Utility and Tree Survey" prepared by SANDIS dated 28 October 2022.

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Project No.: 750677301
Figure: A-15c

TEST GEOTECH LOG 750677301 - KAISER.GPJ TEMPLATE_CA-MODIFIED.GDT 04/13/23

UNIFIED SOIL CLASSIFICATION SYSTEM			
Major Divisions		**Symbols**	**Typical Names**
Coarse-Grained Soils (more than half of soil > no. 200 sieve size	**Gravels** (More than half of coarse fraction > no. 4 sieve size)	**GW**	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction < no. 4 sieve size)	**SW**	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
Fine -Grained Soils (more than half of soil < no. 200 sieve size)	**Silts and Clays** LL = < 50	**ML**	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	**MH**	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		**PT**	Peat and other highly organic soils

GRAIN SIZE CHART		
Classification	**Range of Grain Sizes**	
	U.S. Standard Sieve Size	**Grain Size in Millimeters**
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel	3" to No. 4	76.2 to 4.76
coarse	3" to 3/4"	76.2 to 19.1
fine	3/4" to No. 4	19.1 to 4.76
Sand	No. 4 to No. 200	4.76 to 0.075
coarse	No. 4 to No. 10	4.76 to 2.00
medium	No. 10 to No. 40	2.00 to 0.420
fine	No. 40 to No. 200	0.420 to 0.075
Silt and Clay	Below No. 200	Below 0.075

Unstabilized groundwater level

Stabilized groundwater level

PP = Pocket Penetrometer

TV = Torvane

SAMPLE DESIGNATIONS/SYMBOLS

Sample taken with Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter. Darkened area indicates soil recovered

Classification sample taken with Standard Penetration Test sampler

Undisturbed sample taken with thin-walled tube

Disturbed sample

Sampling attempted with no recovery

Core sample

Analytical laboratory sample

Sample taken with Direct Push or Drive sampler

Sonic

SAMPLER TYPE

C Core barrel

CA California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter

D&M Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube

O Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube

PT Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube

S&H Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter

SPT Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.38- or 1.5-inch inside diameter - see report text

ST Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

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Project
KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

Figure Title
SOIL CLASSIFICATION CHART

Project No. 750677301
Date 02/06/2023
Drawn By AG
Checked By HS

Figure
A-16

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Filename: C:\bms\langan-pw-01\d0176371\FG01-750677301-B-GI0101.dwg Date: 5/1/2023 Time: 14:12 User: agekas Style Table: Langan.stb Layout: SOIL CHART

APPENDIX B

CONE PENETRATION TEST RESULTS

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PRESENTATION OF SITE INVESTIGATION RESULTS

Kaiser San Jose CPT

Prepared for:

Langan Engineering

ConeTec Job No: 22-56-25216

Project Start Date: 2023-Jan-09
Project End Date: 2023-Jan-26
Report Date: 2023-Feb-01

Prepared by:

ConeTec Inc.

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ABOUT THIS REPORT

The enclosed report presents the results of the site investigation program conducted by ConeTec, Inc. The program consisted of Seismic Piezocone Penetration Testing and Pore Pressure Dissipation Testing. Please note that this report, which also includes all accompanying data, are subject to the 3rd Party Disclaimer and Client Disclaimer that follow in the 'Limitations' section of this report.

Project Information	
Client	Langan Engineering
Project	Kaiser San Jose CPT
ConeTec Project Number	22-56-25216
Rig Description	30-ton Truck CPT Rig (C-15) and 20-ton Track CPT Rig (GPT2)

Coordinates	
Collection Method	Consumer Grade GPS
EPSG Number	32610 (WGS 84 / UTM 10S)

Cone Penetration Test (CPTu)	
Depth Reference	Existing ground surface at the time of the investigation
Sleeve data offset	0.1 Meters

Calculated Geotechnical Parameters Tables	
Additional Information	The Normalized Soil Behaviour Type Chart based on Q_{tn} (SBT Q_{tn}) (Robertson, 2009) was used to classify the soil for this project. A detailed set of calculated CPTu parameters have been generated and are provided in Excel format files in the release folder. The CPTu parameter calculations are based on values of corrected tip resistance (q_t) sleeve friction (f_s) and pore pressure (u_2). Effective stresses are calculated based on unit weights that have been assigned to the individual soil behaviour type zones and the assumed equilibrium pore pressure profile. Soils were classified as either drained or undrained based on the Q_{tn} Normalized Soil Behaviour Type Chart (Robertson, 2009). Calculations for both drained and undrained parameters were included for materials that classified as silt mixtures (zone 4).

Please refer to the list of attached documents following the text of this report. A test summary, location map, and plots are included. Thank you for the opportunity to work on this project.

CONETEC

LIMITATIONS

3rd Party Disclaimer

- The “Report” refers to this report titled Kaiser San Jose CPT
- The Report was prepared by ConeTec for Langan Engineering

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Client Disclaimer

- ConeTec was retained by Langan Engineering
- The “Report” refers to this report titled Kaiser San Jose CPT
- ConeTec was retained to collect and provide the raw data (“Data”) which is included in the Report.

ConeTec has collected and reported the Data in accordance with current industry standards. No other warranty, express or implied, with respect to the Data is made by ConeTec. In order to properly understand the Data included in the Report, reference must be made to the documents accompanying and other sources referenced in the Report in their entirety. Other than the Data, the contents of the Report (including any Interpretations) should not be relied upon in any fashion without independent verification and ConeTec is in no way responsible for any loss, damage or expense resulting from the use of, and/or reliance on, such material by any party.

CONTENTS

The following listed below are included in the report:

- **Site Map**
- **Piezocone Penetration Test (CPTu) Sounding Summary**
- **CPTu Standard Plots and Advanced Plots**
- **SBT Zone Scatter Plots**
- **Pore Pressure Dissipation (PPD) Test Summary**
- **PPD Test Plots**
- **Seismic CPTu Results, Plots, and Traces**
- **Methodology Statements**
- **Data File Formats**
- **Description of Methods for Calculated CPT Geotechnical Parameters**

SITE MAP

ConeTec Job Number: 22-56-25216

Client: Langan Engineering

Project: Kaiser San Jose CPT

Report Date: 2023-Feb-01

Sounding Location

All sounding locations are approximate

CONETEC

Cone Penetration Test Summary and Standard Cone Penetration Test Plots

CONETEC

Job No:	22-56-25216
Client:	Langan Engineering
Project:	1231 Comstock
Start Date:	09-Jan-2023
End Date:	26-Jan-2023

CONE PENETRATION TEST SUMMARY

Sounding ID	File Name	Date	Cone	Cone Area (cm^2)	Assumed Phreatic Surface[1] (ft)	Final Depth (ft)	Northing[2]	Easting[2]	Elevation[3] (ft)	Refer to Notation Number
CPT-01	22-56-25216_CP01	09-Jan-2023	EC815:T1500F15U35	15	22.9	50.52	4122050	606172	188	
CPT-02	22-56-25216_CP02	09-Jan-2023	EC815:T1500F15U35	15	30.1	150.01	4122054	606220	188	
CPT-03	22-56-25216_SP03	09-Jan-2023	EC815:T1500F15U35	15	32.5	110.56	4122024	606144	188	
CPT-04	22-56-25216_CP04	09-Jan-2023	EC815:T1500F15U35	15	18.1	50.52	4122010	606169	189	
CPT-05	22-56-25216_CP05	10-Jan-2023	EC815:T1500F15U35	15	24.6	50.52	4122025	606199	189	
CPT-06	22-56-25216_CP06	10-Jan-2023	EC815:T1500F15U35	15	29.4	50.52	4122010	606151	188	
CPT-07	22-56-25216_CP07	10-Jan-2023	EC815:T1500F15U35	15	26.3	50.52	4121988	606186	189	
CPT-08	22-56-25216_CP08	10-Jan-2023	EC815:T1500F15U35	15	31.4	50.52	4121992	606213	191	
CPT-09	22-56-25216_CP09	11-Jan-2023	EC815:T1500F15U35	15	25.2	50.52	4121968	606174	191	
CPT-10	22-56-25216_CP10	10-Jan-2023	EC815:T1500F15U35	15	24.6	50.52	4121959	606200	190	
CPT-11	22-56-25216_CP11	11-Jan-2023	EC815:T1500F15U35	15	31.8	150.42	4121947	606126	188	
CPT-12	22-56-25216_CP12	11-Jan-2023	EC815:T1500F15U35	15	27.9	50.52	4121948	606178	191	
CPT-13	22-56-25216_CP13	12-Jan-2023	EC815:T1500F15U35	15	25.6	50.52	4121955	606212	190	
CPT-14	22-56-25216_SP14	12-Jan-2023	EC815:T1500F15U35	15	30.0	110.64	4121954	606302	191	
CPT-15	22-56-25216_CP15	11-Jan-2023	EC815:T1500F15U35	15	26.0	50.52	4121930	606169	190	4
CPT-16	22-56-25216_CP16	12-Jan-2023	EC815:T1500F15U35	15	26.4	50.52	4121946	606223	190	
CPT-17	22-56-25216_CP17	12-Jan-2023	EC815:T1500F15U35	15	33.0	149.52	4121945	606284	191	
CPT-18	22-56-25216_CP18	16-Jan-2023	EC815:T1500F15U35	15	30.9	75.21	4121928	606191	190	
CPT-19	22-56-25216_CP19	16-Jan-2023	EC815:T1500F15U35	15	27.6	50.52	4121930	606236	191	
CPT-20	22-56-25216_CP20	26-Jan-2023	EC795:T1500F15U35	15	22.3	50.85	4121898	606192	189	
CPT-21	22-56-25216_CP21	16-Jan-2023	EC815:T1500F15U35	15	32.1	100.56	4121902	606244	191	
CPT-22	22-56-25216_CP22	16-Jan-2023	EC815:T1500F15U35	15	31.9	100.56	4121896	606291	191	
CPT-23	22-56-25216_CP23	16-Jan-2023	EC815:T1500F15U35	15	27.2	50.52	4121902	606315	191	
CPT-24	22-56-25216_CP24	18-Jan-2023	EC815:T1500F15U35	15	28.5	50.52	4121872	606265	190	
CPT-25	22-56-25216_CP25	26-Jan-2023	EC795:T1500F15U35	15	19.9	50.69	4121860	606219	189	
CPT-26	22-56-25216_CP26	18-Jan-2023	EC815:T1500F15U35	15	29.8	75.54	4121864	606292	190	
CPT-27	22-56-25216_CP27	26-Jan-2023	EC795:T1500F15U35	15	25.0	50.77	4121873	606232	190	
CPT-28	22-56-25216_CP28	17-Jan-2023	EC815:T1500F15U35	15	28.4	50.52	4121956	606361	192	
CPT-29	22-56-25216_CP29	17-Jan-2023	EC815:T1500F15U35	15	29.2	150.10	4121927	606370	192	
CPT-30	22-56-25216_CP30	17-Jan-2023	EC815:T1500F15U35	15	25.5	50.52	4121921	606424	192	

Job No:	22-56-25216
Client:	Langan Engineering
Project:	1231 Comstock
Start Date:	09-Jan-2023
End Date:	26-Jan-2023

CONE PENETRATION TEST SUMMARY

Sounding ID	File Name	Date	Cone	Cone Area (cm^2)	Assumed Phreatic Surface[1] (ft)	Final Depth (ft)	Northing[2]	Easting[2]	Elevation[3] (ft)	Refer to Notation Number
CPT-31	22-56-25216_SP31	17-Jan-2023	EC815:T1500F15U35	15	31.3	100.56	4121880	606423	192	

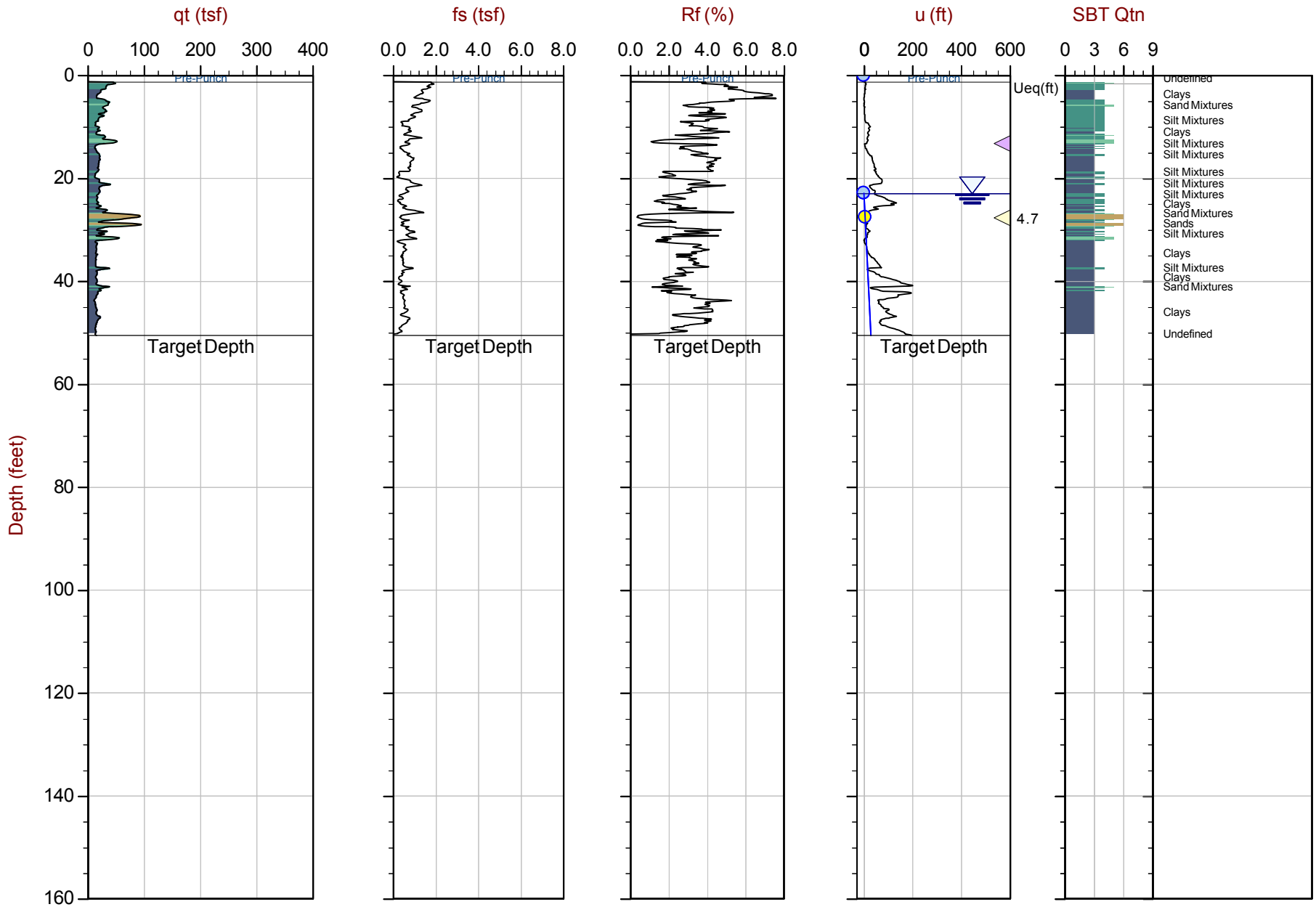
1. The assumed phreatic surface was based off the shallowest pore pressure dissipation tests performed within or nearest the sounding. Hydrostatic conditions were assumed for the calculated parameters.
2. The coordinates were collected using consumer grade GPS equipment. EPSG number: 32610 (WGS84 / UTM Zone 10S).
3. Elevations are referenced to the ground surface and were acquired from the Google Earth Elevation for the recorded coordinates.
4. The assumed phreatic surface is based on the pore pressure dissipation to not reach equilibrium within the sounding, and the pore pressure dissipation tests at nearby soundings.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 07:48
Site: Kaiser San Jose CPT

Sounding: CPT-01
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP01.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122050m E: 606172m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

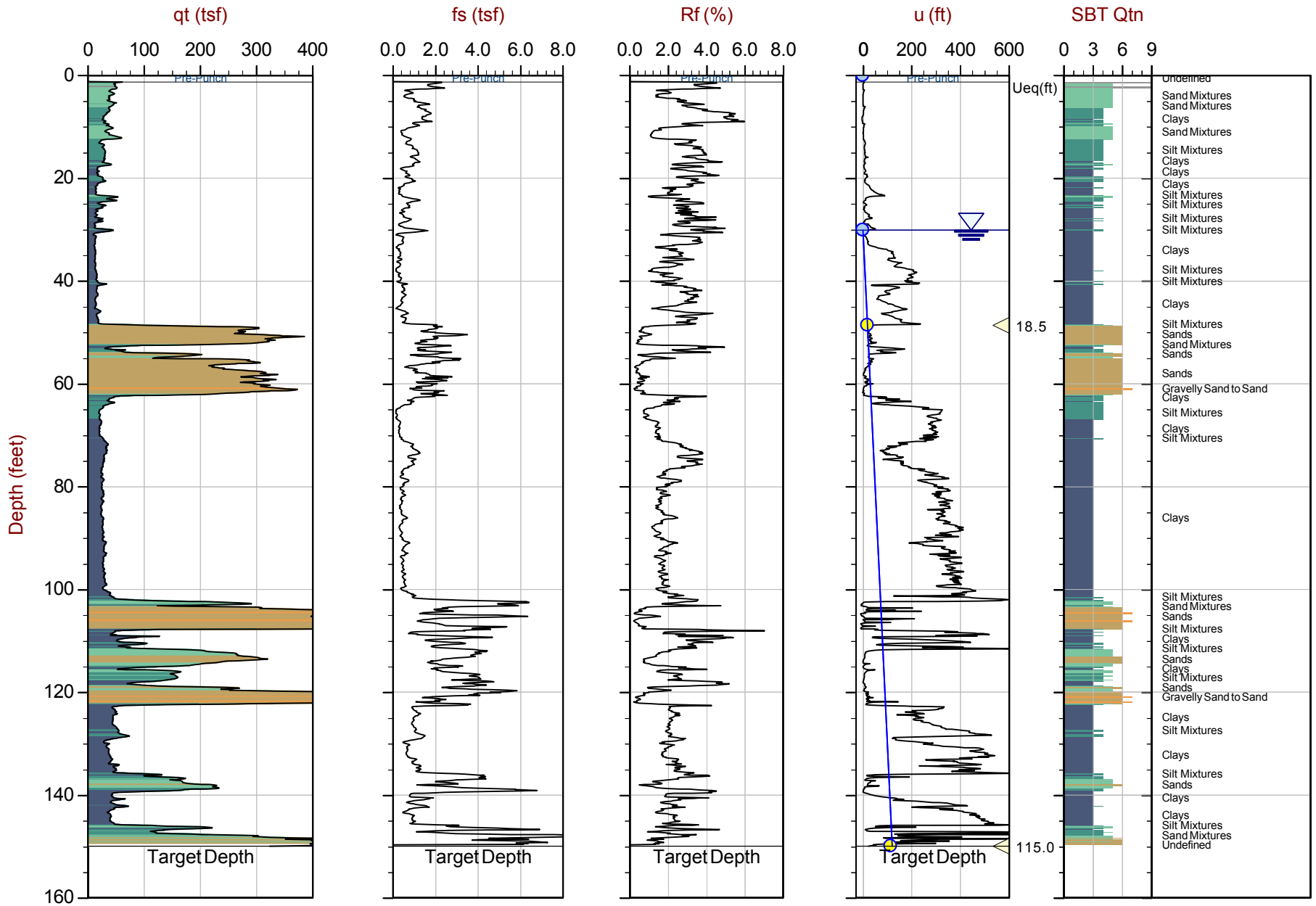
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 09:39
Site: Kaiser San Jose CPT

Sounding: CPT-02
Cone: 815:T1500F15U35



Max Depth: 45.725 m / 150.01 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP02.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122054m E: 606220m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

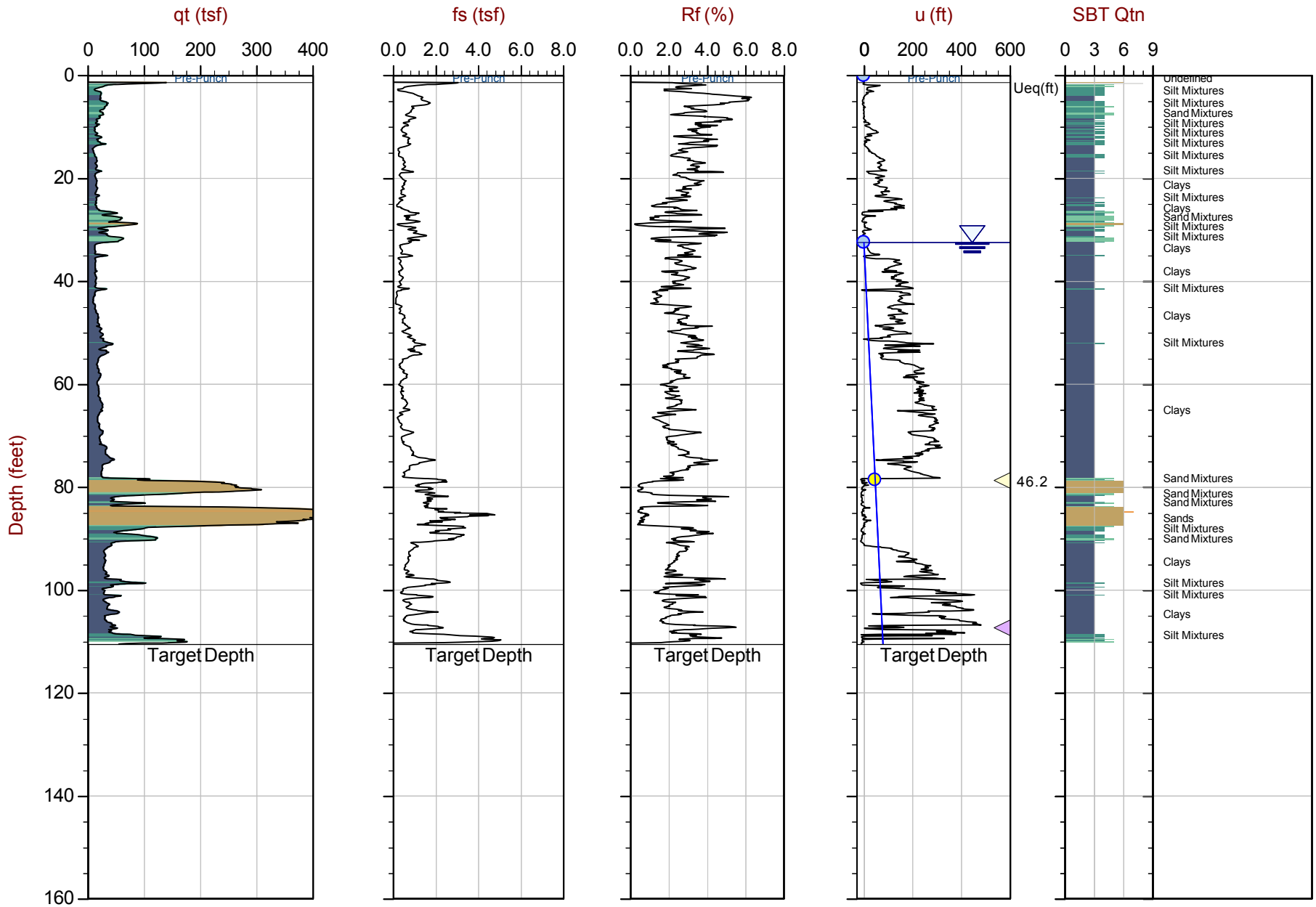
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 13:54
Site: Kaiser San Jose CPT

Sounding: CPT-03
Cone: 815:T1500F15U35



Max Depth: 33.700 m / 110.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP03.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122024m E: 606144m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

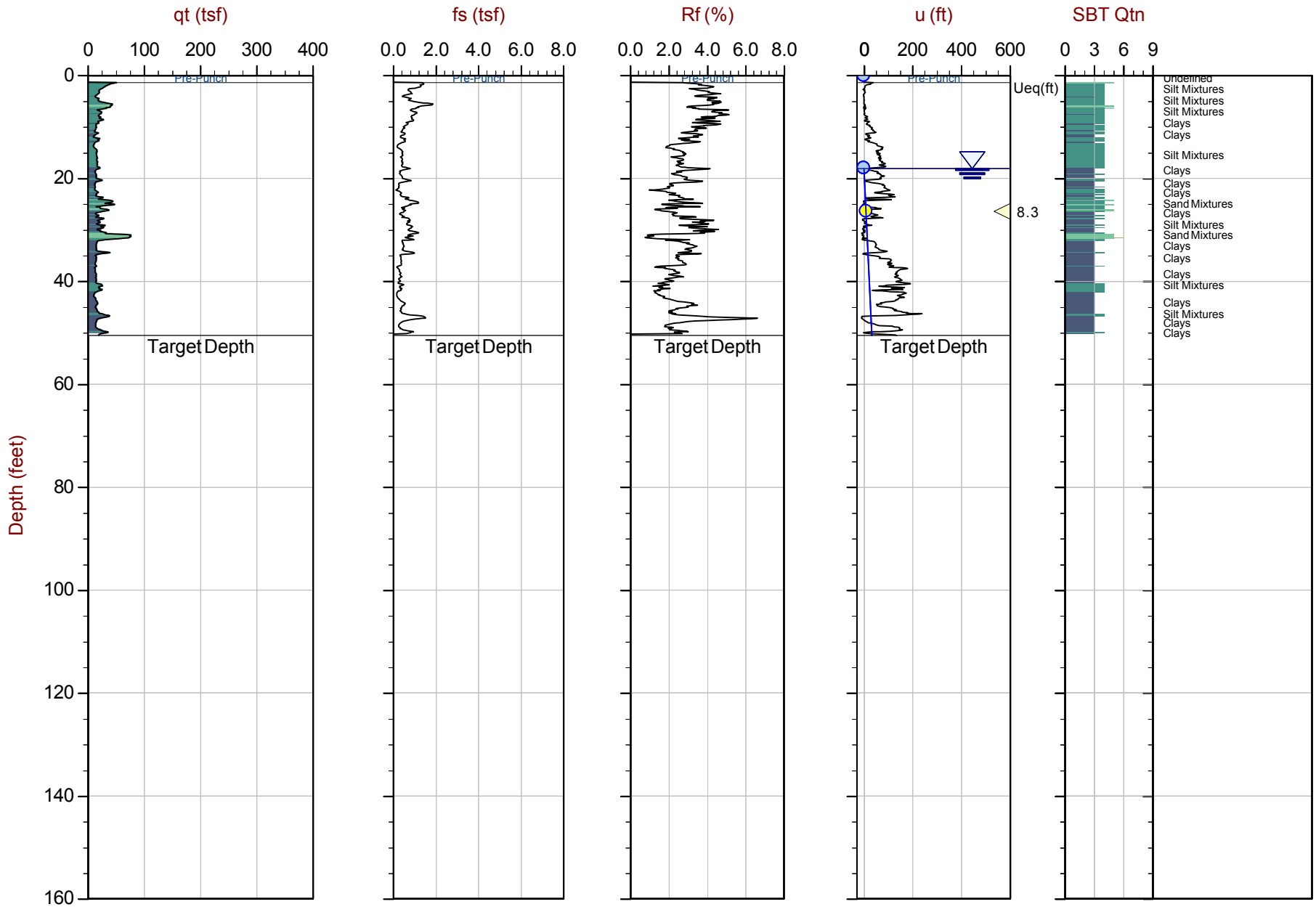
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 12:24
Site: Kaiser San Jose CPT

Sounding: CPT-04
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP04.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122010m E: 606169m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

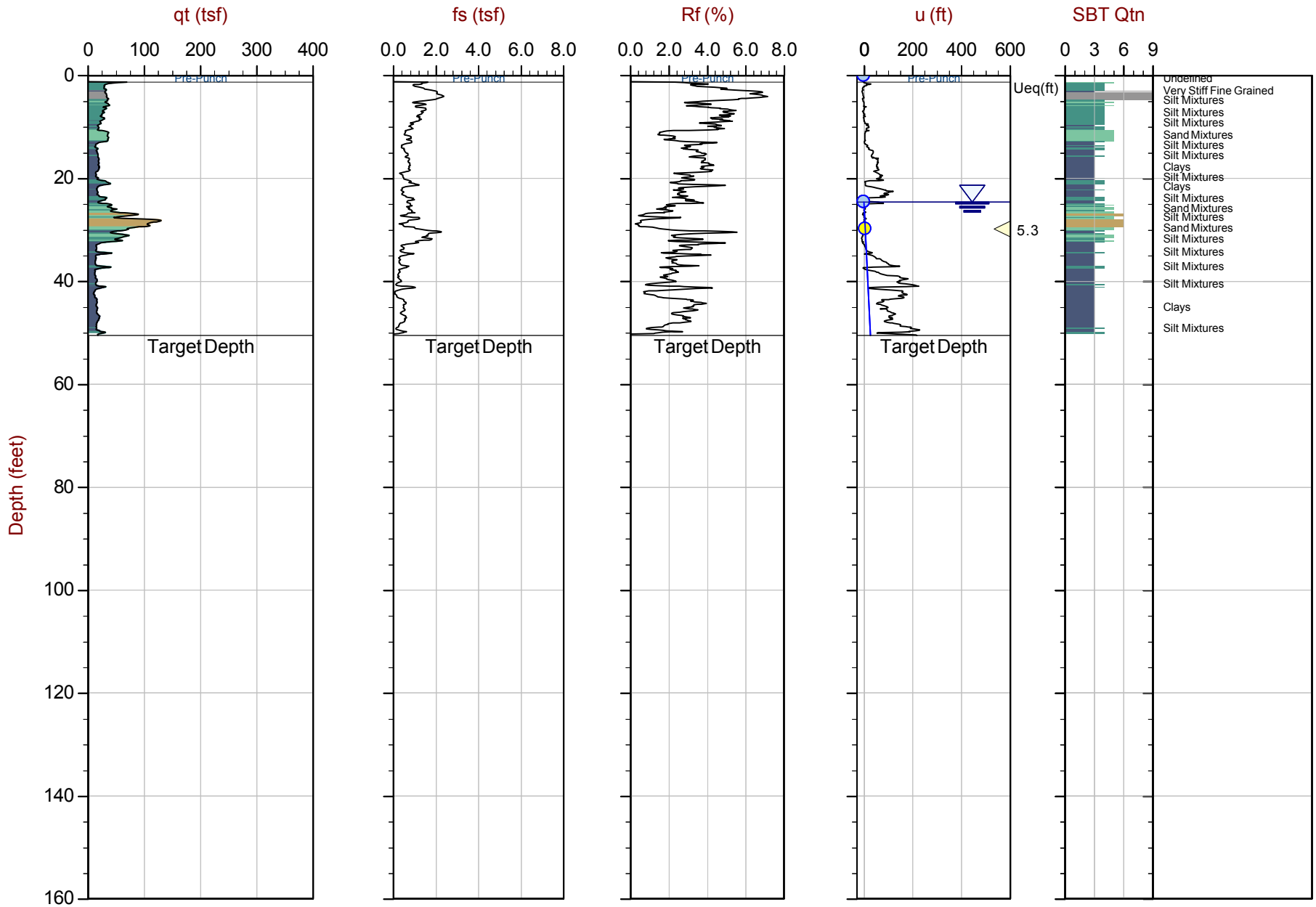
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 09:29
Site: Kaiser San Jose CPT

Sounding: CPT-05
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP05.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122025m E: 606199m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

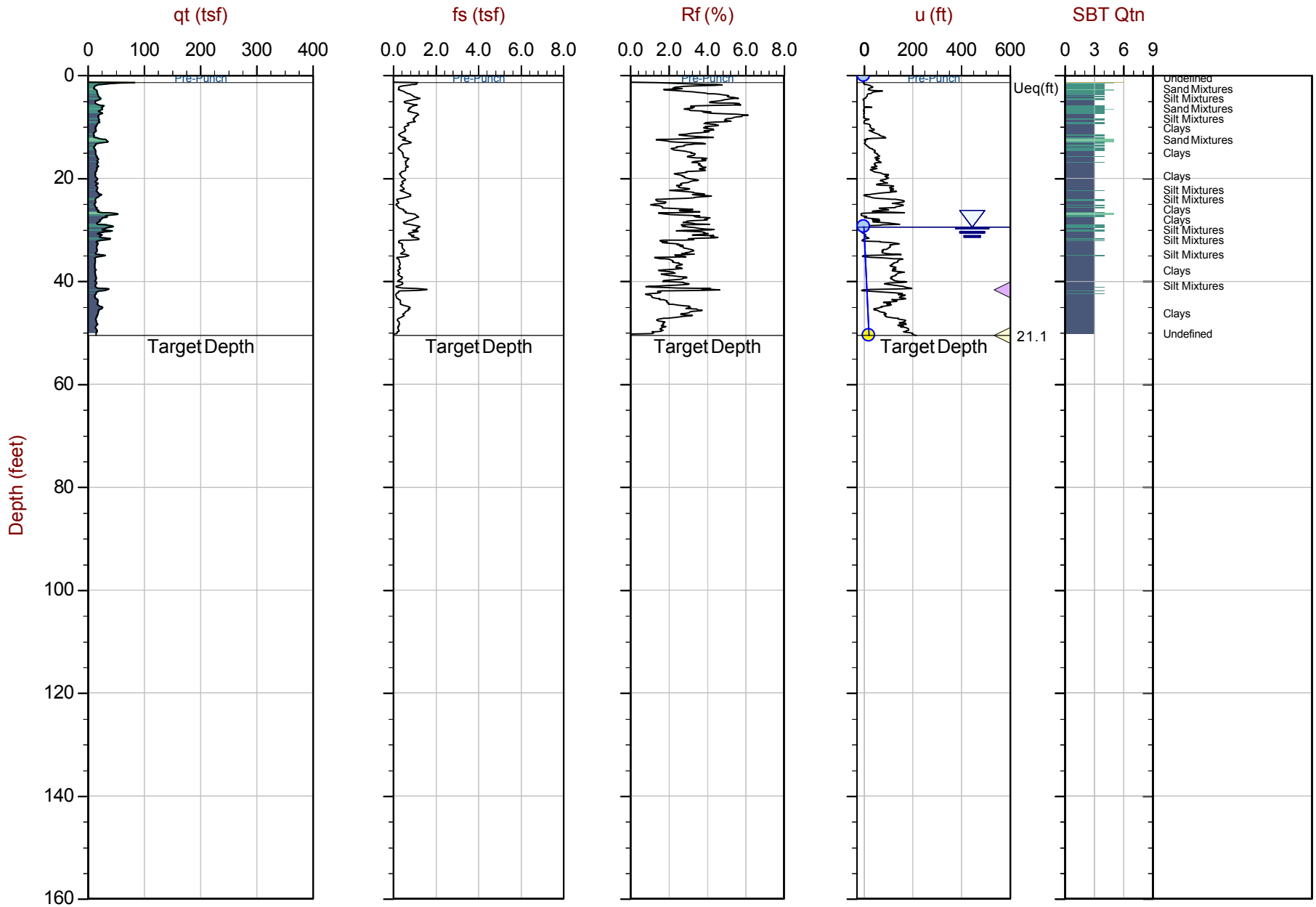
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 13:12
Site: Kaiser San Jose CPT

Sounding: CPT-06
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP06.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122010m E: 606151m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

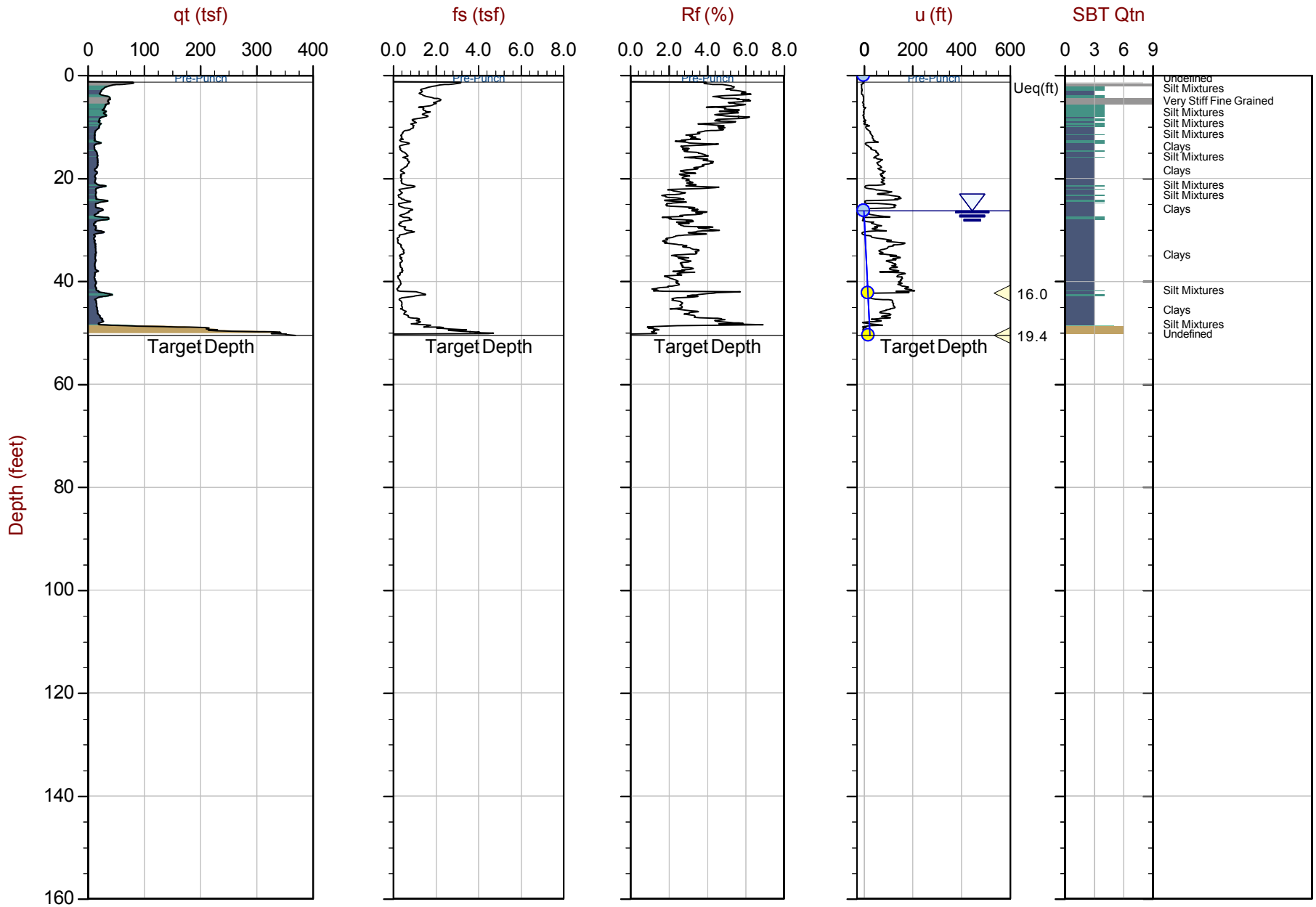
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 11:53
Site: Kaiser San Jose CPT

Sounding: CPT-07
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP07.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121988m E: 606186m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

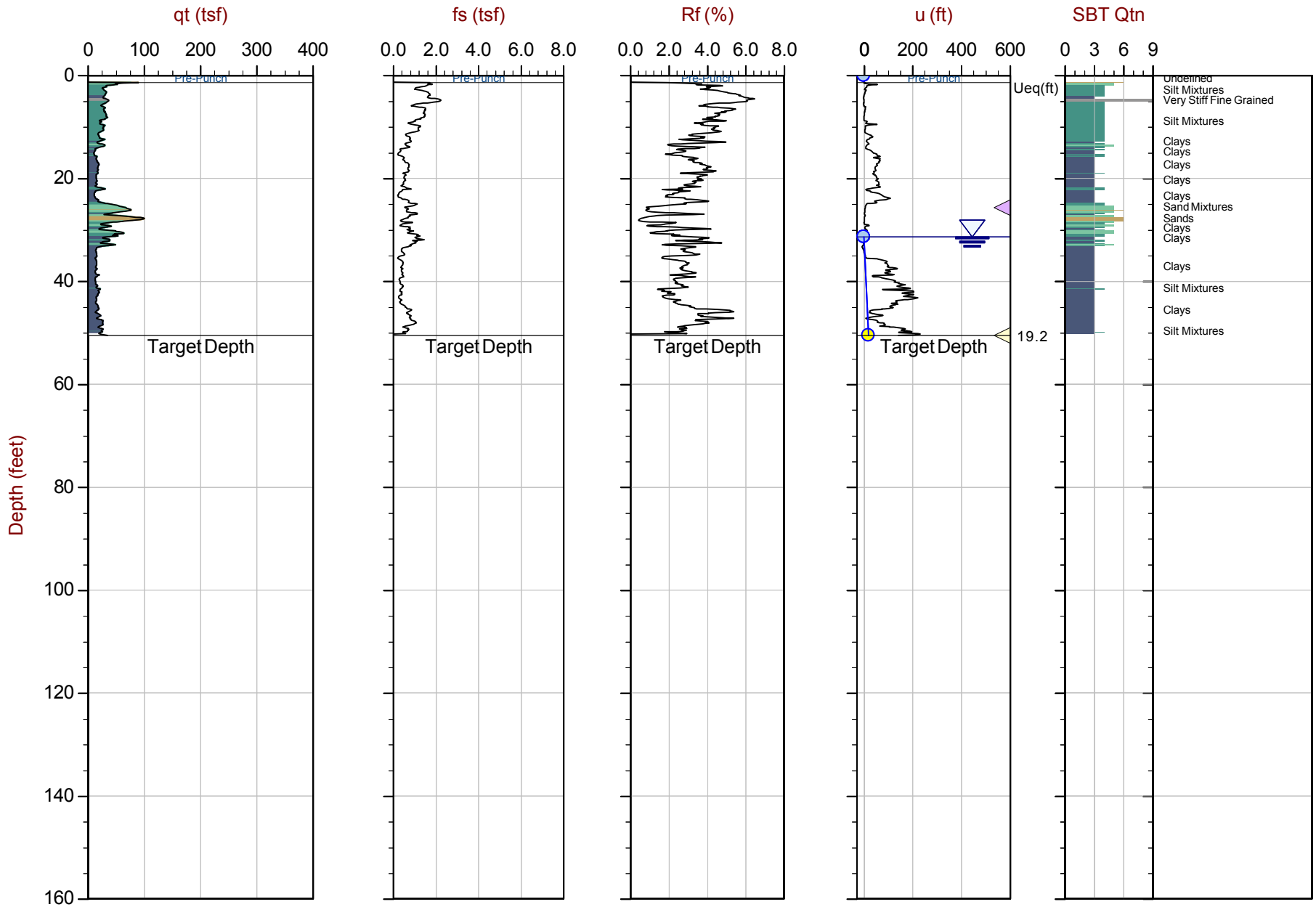
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 07:39
Site: Kaiser San Jose CPT

Sounding: CPT-08
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP08.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121992m E: 606213m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

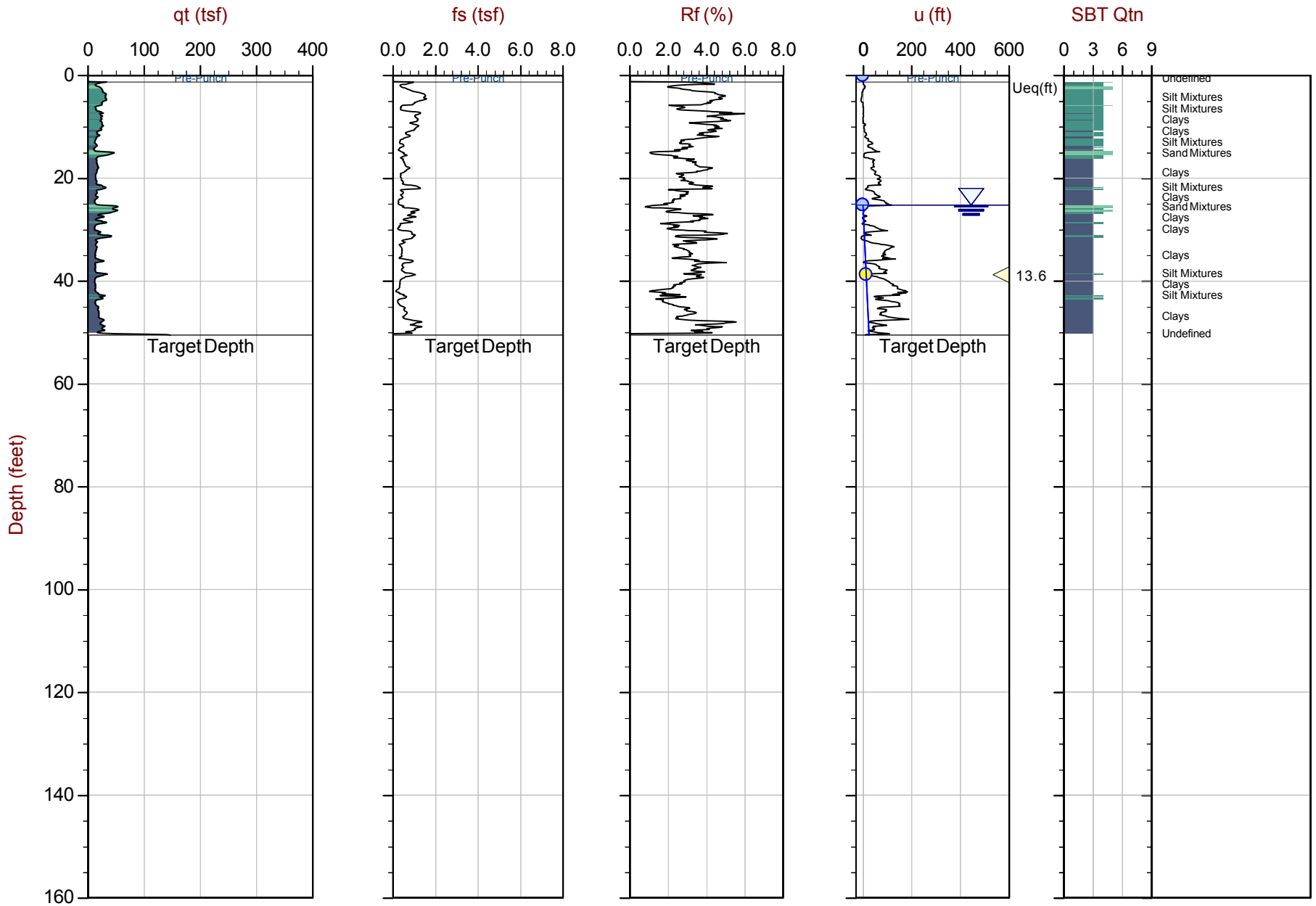
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 07:30
Site: Kaiser San Jose CPT

Sounding: CPT-09
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP09.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121968m E: 606174m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

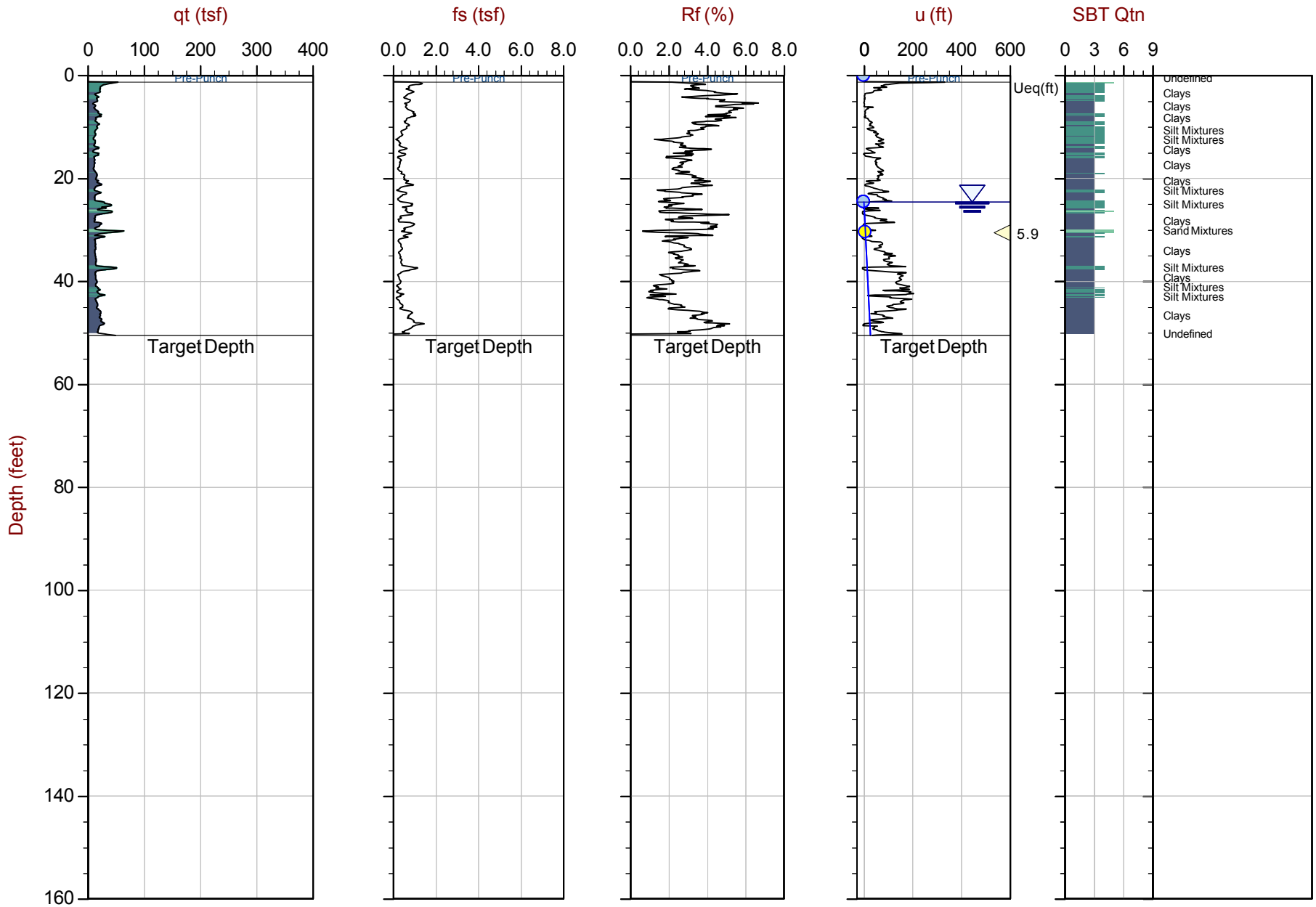
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 10:37
Site: Kaiser San Jose CPT

Sounding: CPT-10
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP10.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121959m E: 606200m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

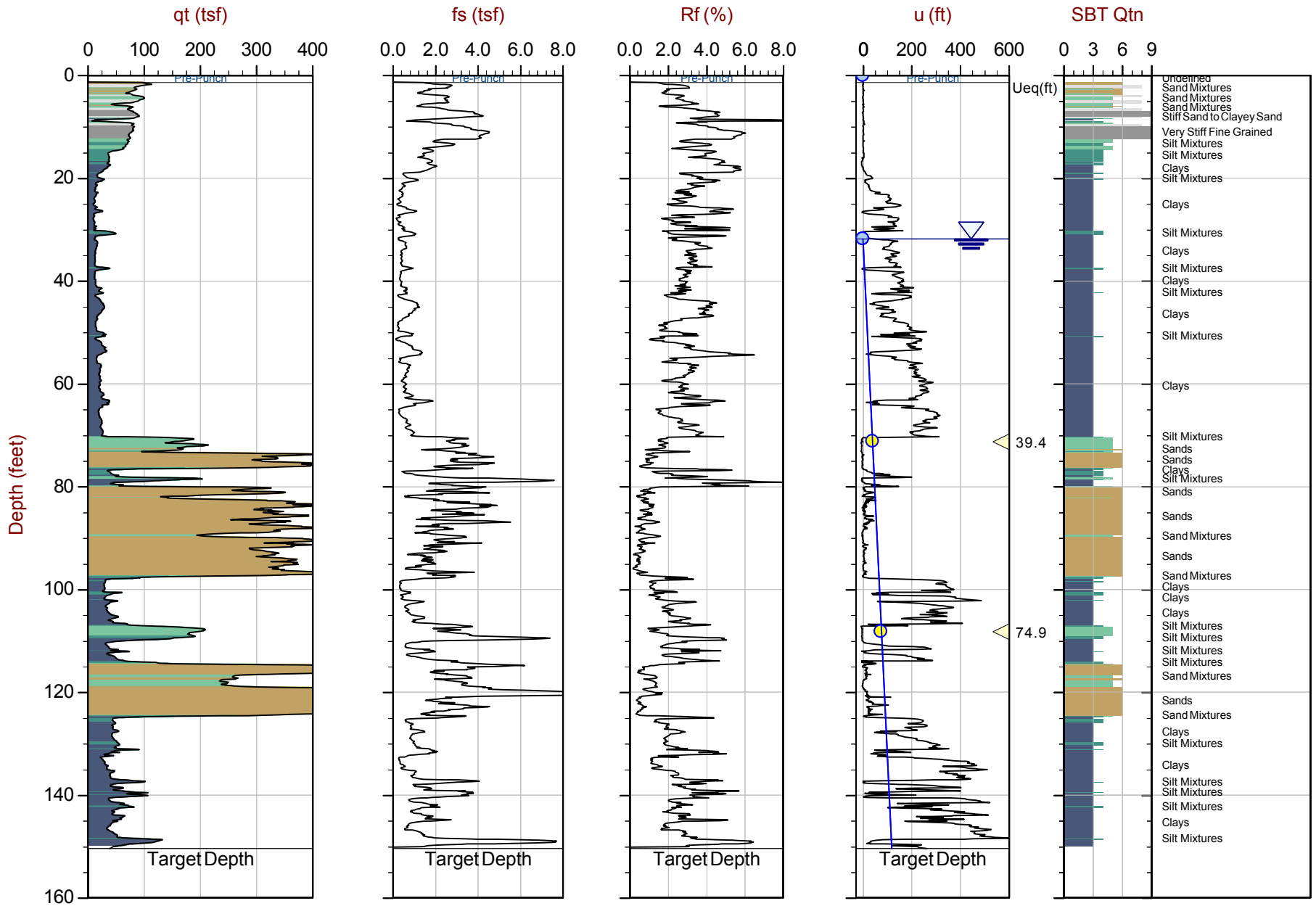
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 10:08
Site: Kaiser San Jose CPT

Sounding: CPT-11
Cone: 815:T1500F15U35



Max Depth: 45.850 m / 150.42 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP11.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121947m E: 606126m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

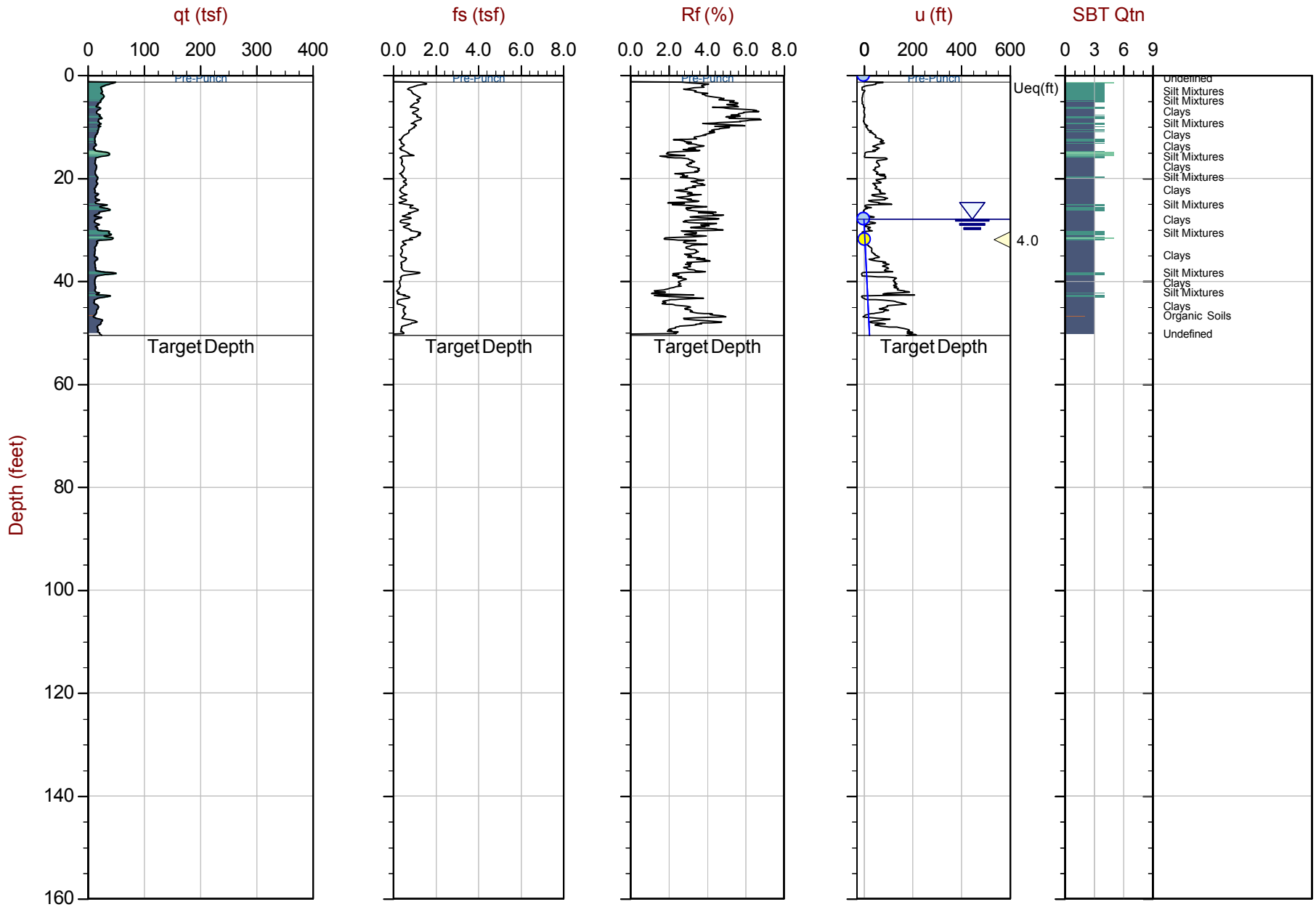
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 13:36
Site: Kaiser San Jose CPT

Sounding: CPT-12
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP12.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121948m E: 606178m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

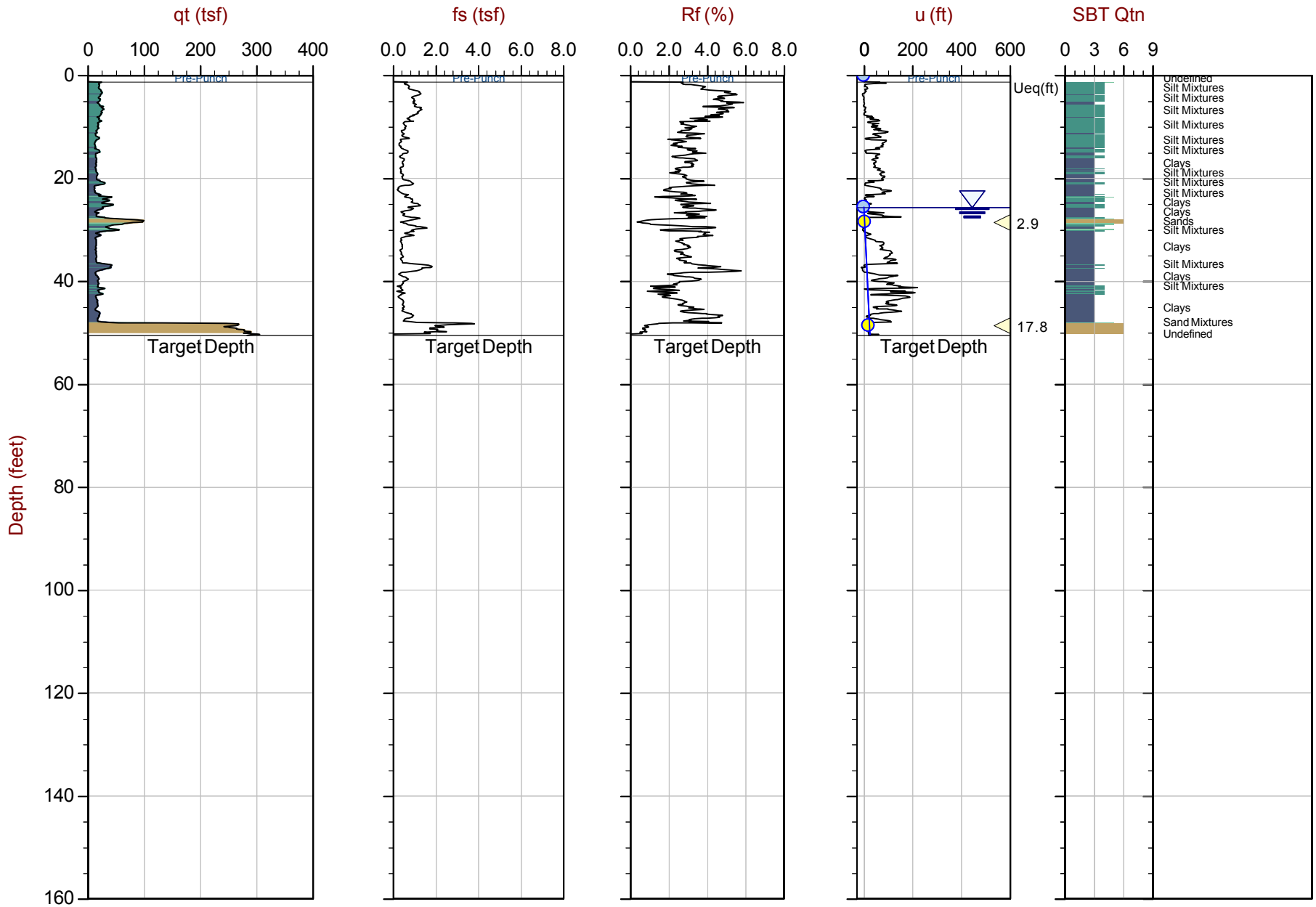
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 07:19
Site: Kaiser San Jose CPT

Sounding: CPT-13
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP13.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121955m E: 606212m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

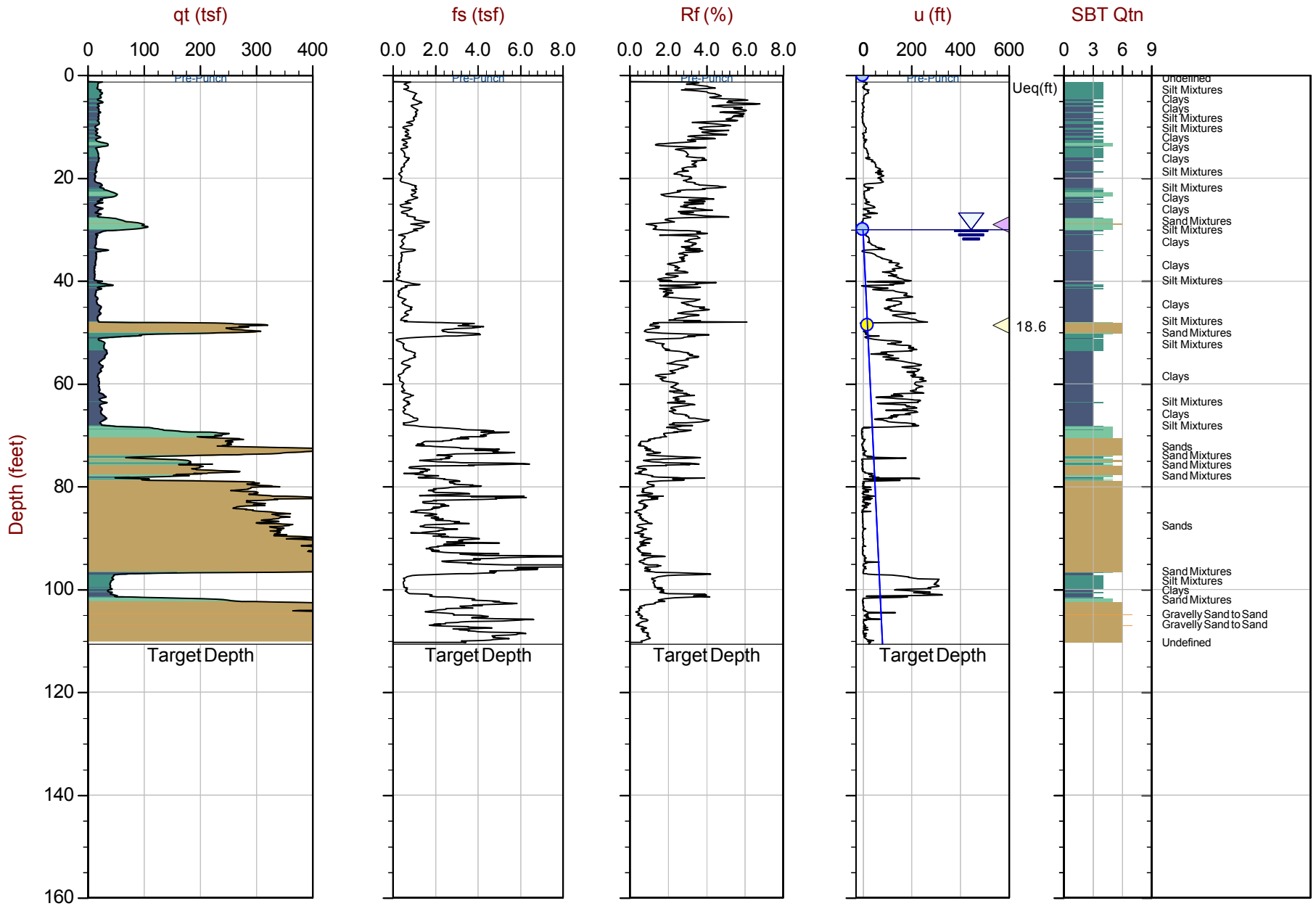
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 10:25
Site: Kaiser San Jose CPT

Sounding: CPT-14
Cone: 815:T1500F15U35



Max Depth: 33.725 m / 110.64 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP14.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121954m E: 606302m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

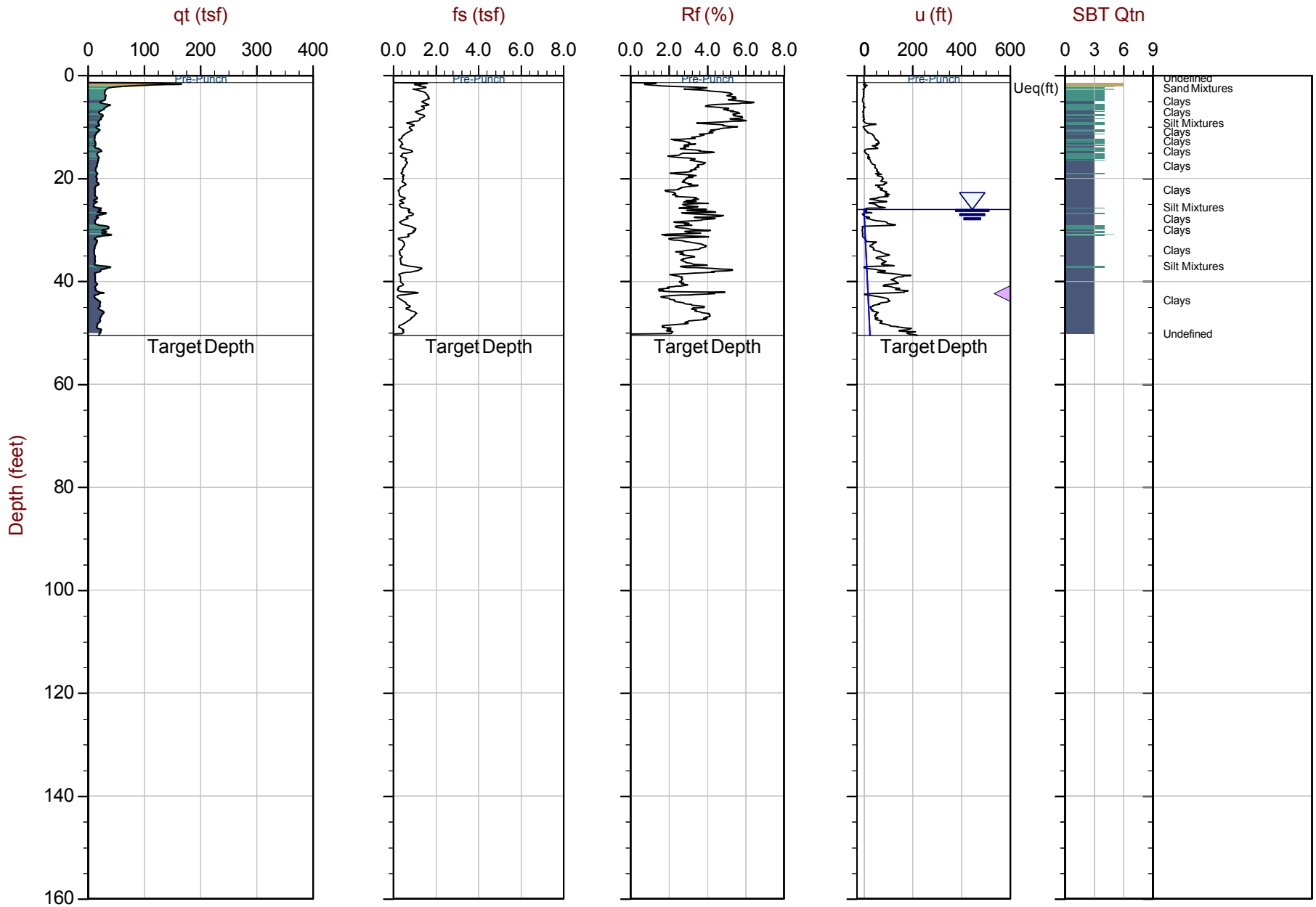
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 12:07
Site: Kaiser San Jose CPT

Sounding: CPT-15
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP15.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121930m E: 606169m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

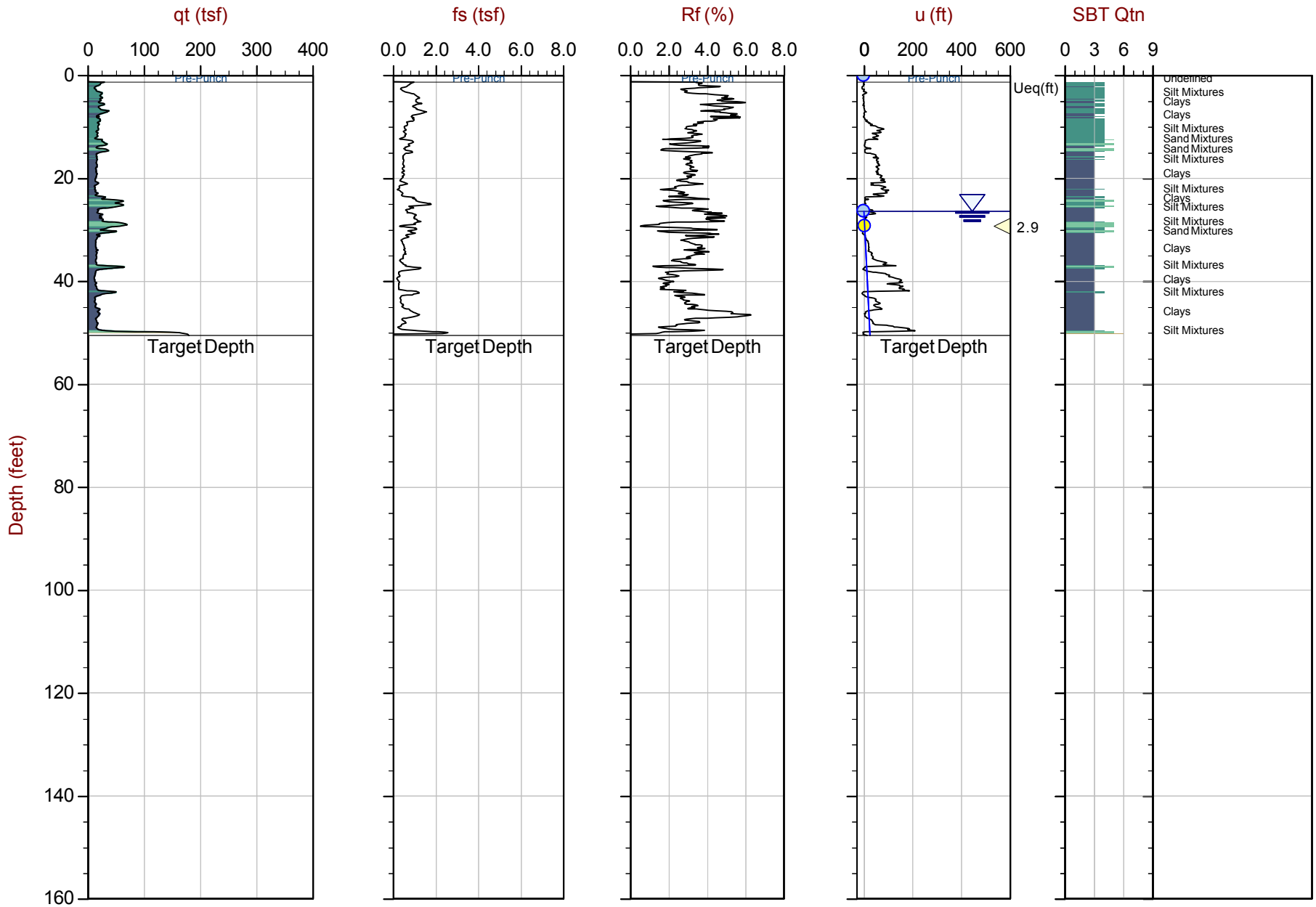
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 09:24
Site: Kaiser San Jose CPT

Sounding: CPT-16
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP16.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121946m E: 606223m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

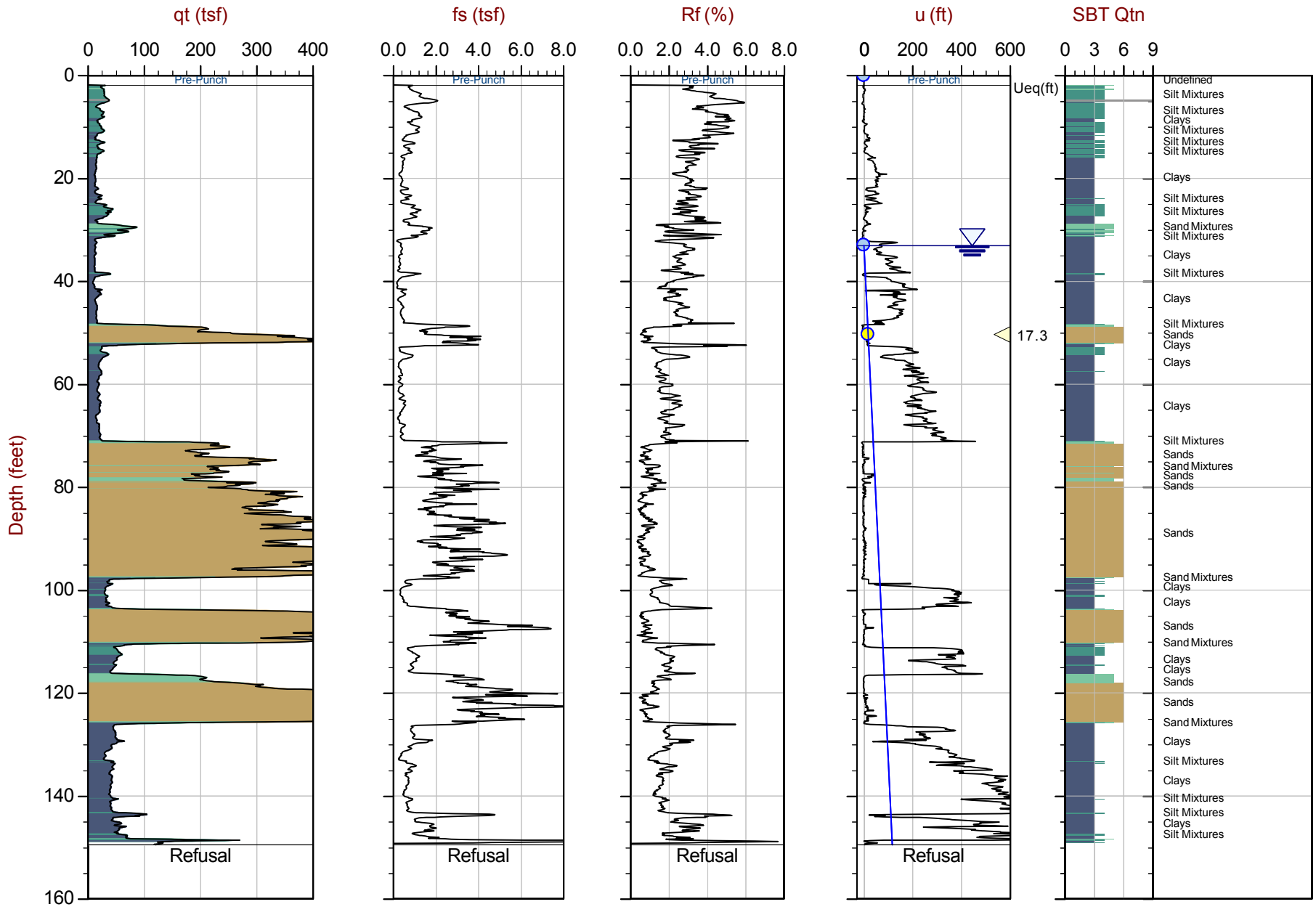
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 13:04
Site: Kaiser San Jose CPT

Sounding: CPT-17
Cone: 815:T1500F15U35



Max Depth: 45.575 m / 149.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP17.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121945m E: 606284m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

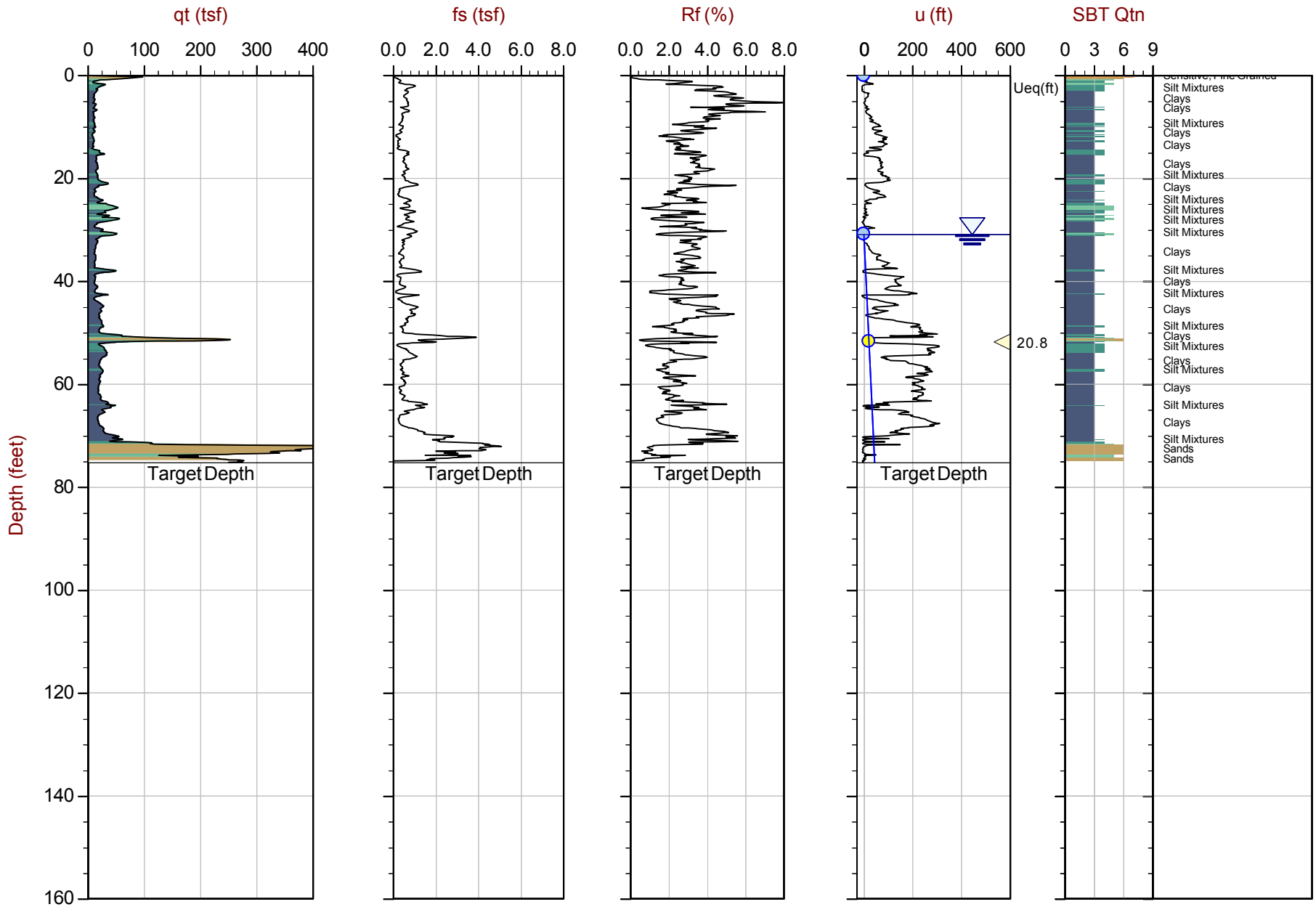
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 13:03
Site: Kaiser San Jose CPT

Sounding: CPT-18
Cone: 815:T1500F15U35



Max Depth: 22.925 m / 75.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP18.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121928m E: 606191m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

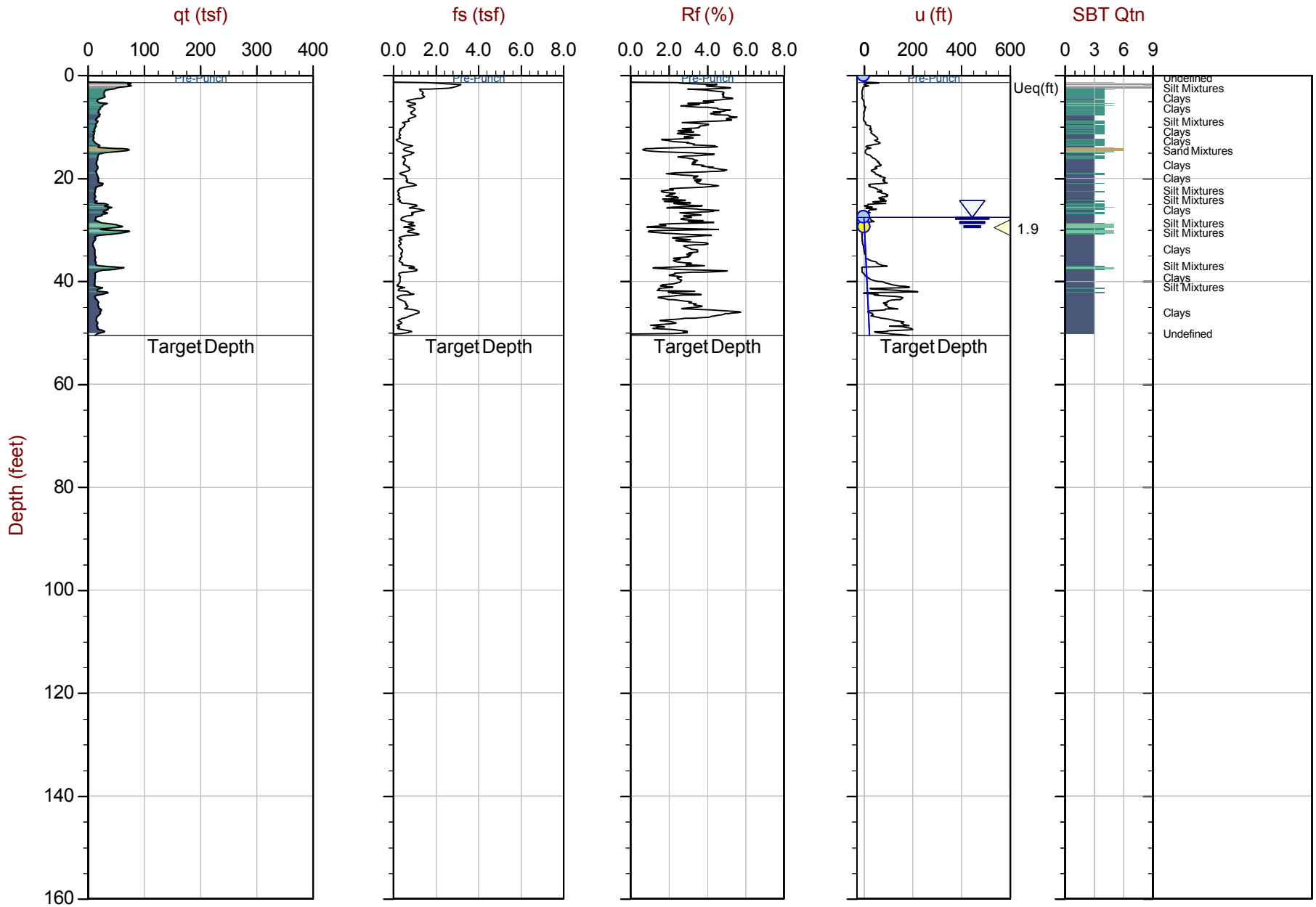
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 11:33
Site: Kaiser San Jose CPT

Sounding: CPT-19
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP19.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121930m E: 606236m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

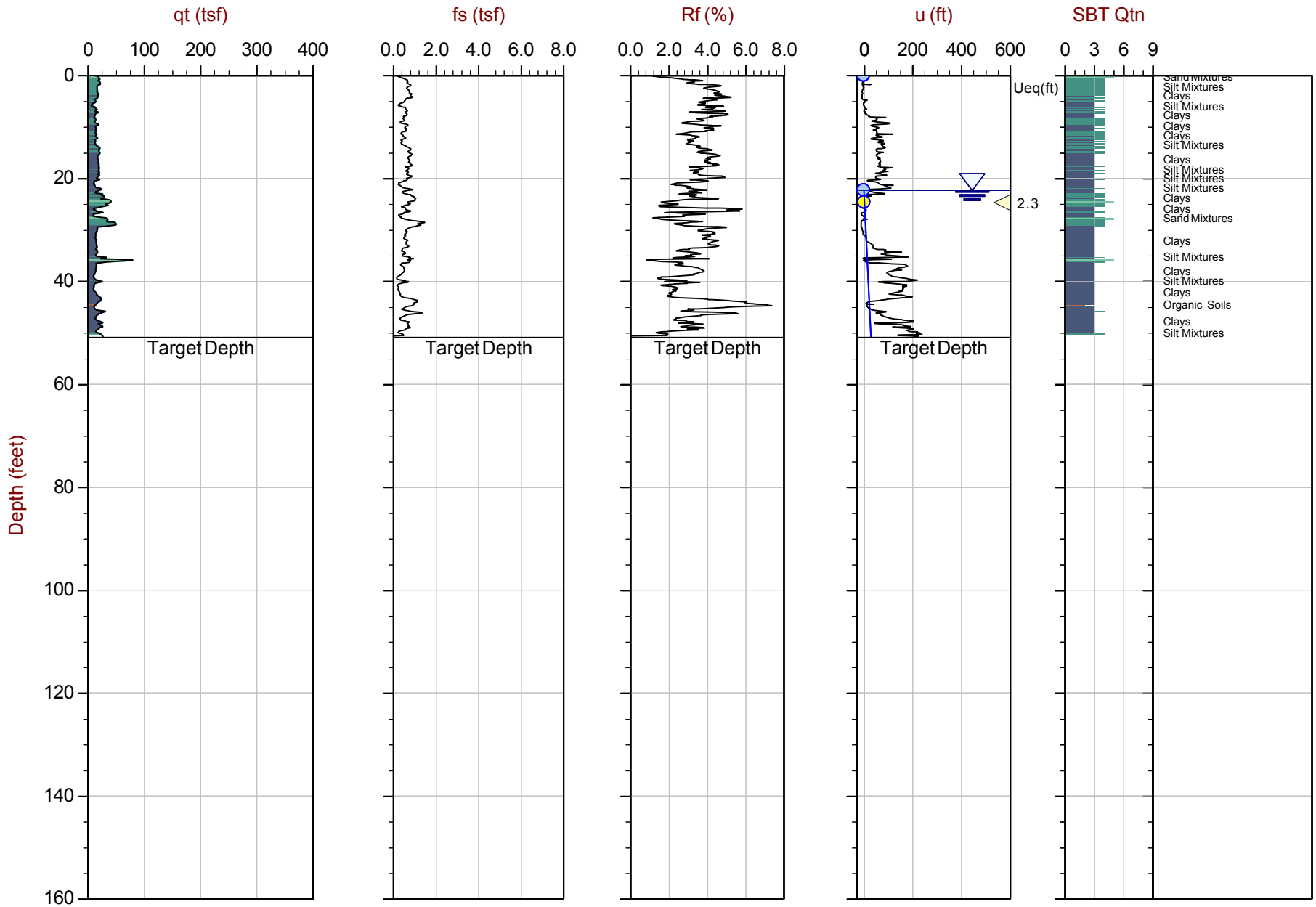
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-26 08:47
Site: Kaiser San Jose CPT

Sounding: CPT-20
Cone: 795:T1500F15U35



Max Depth: 15.500 m / 50.85 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP20.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121898m E: 606192m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

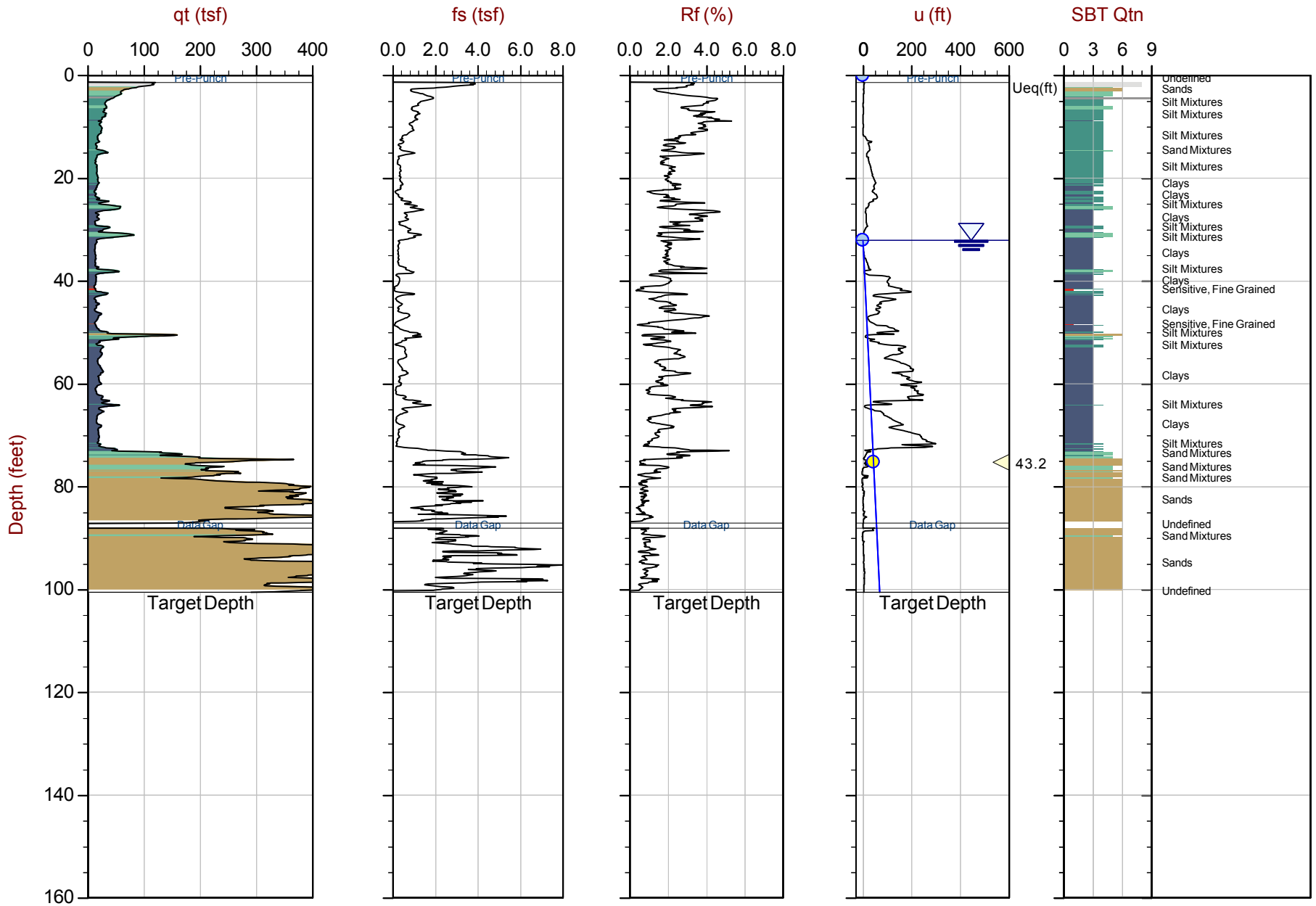
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 07:09
Site: Kaiser San Jose CPT

Sounding: CPT-21
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP21.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121902m E: 606244m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

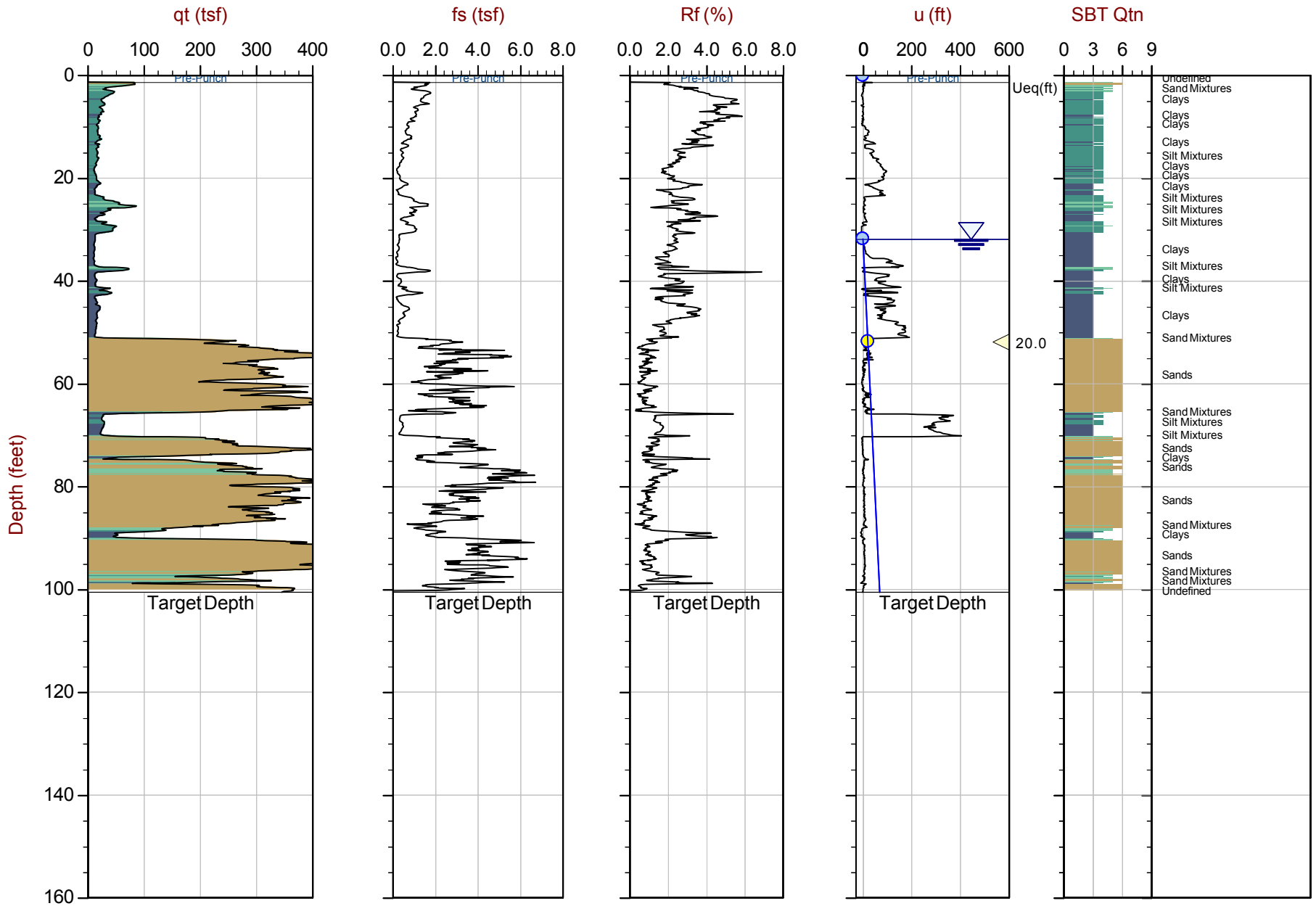
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 08:33
Site: Kaiser San Jose CPT

Sounding: CPT-22
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP22.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121896m E: 606291m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

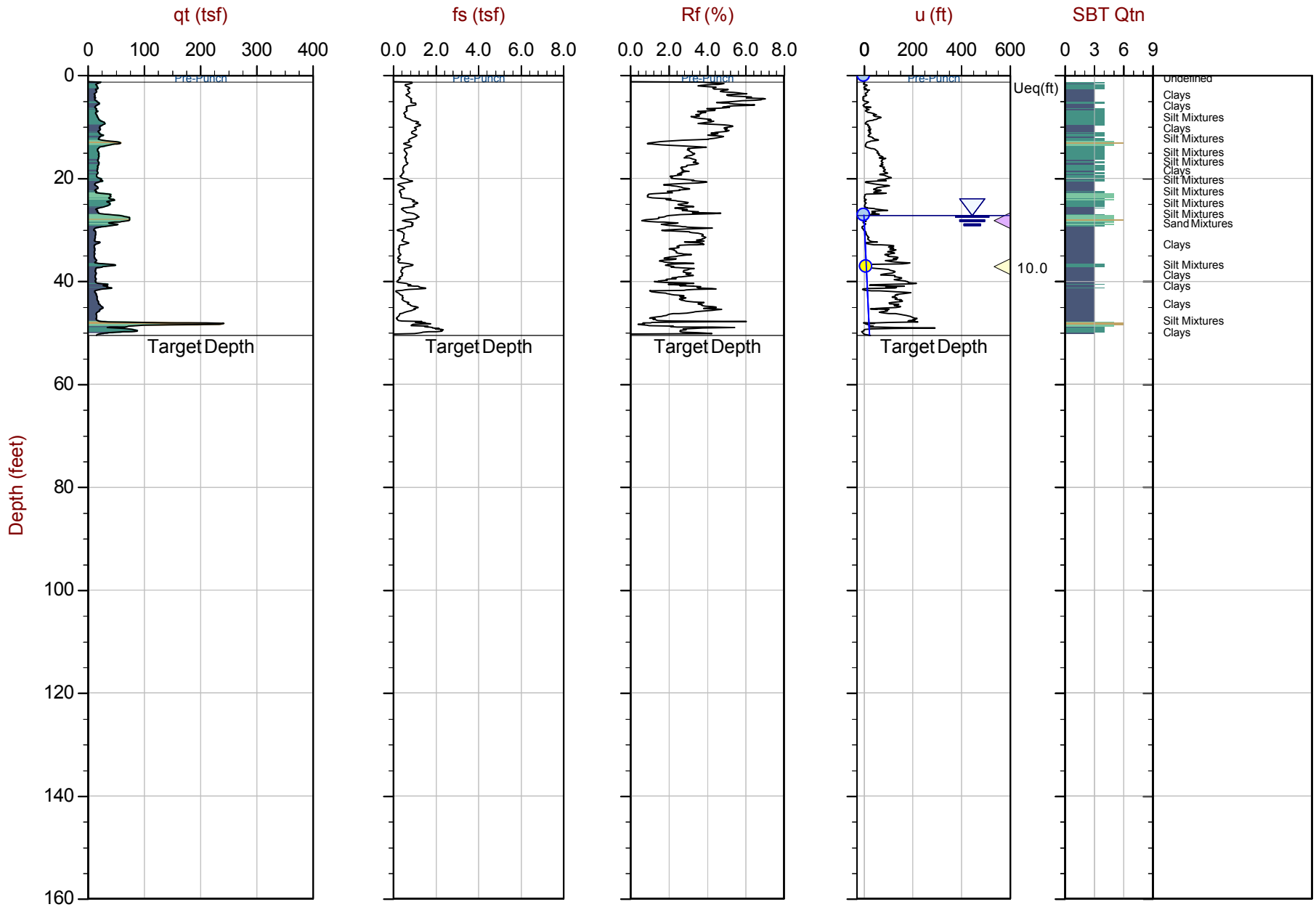
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 09:55
Site: Kaiser San Jose CPT

Sounding: CPT-23
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP23.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121902m E: 606315m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

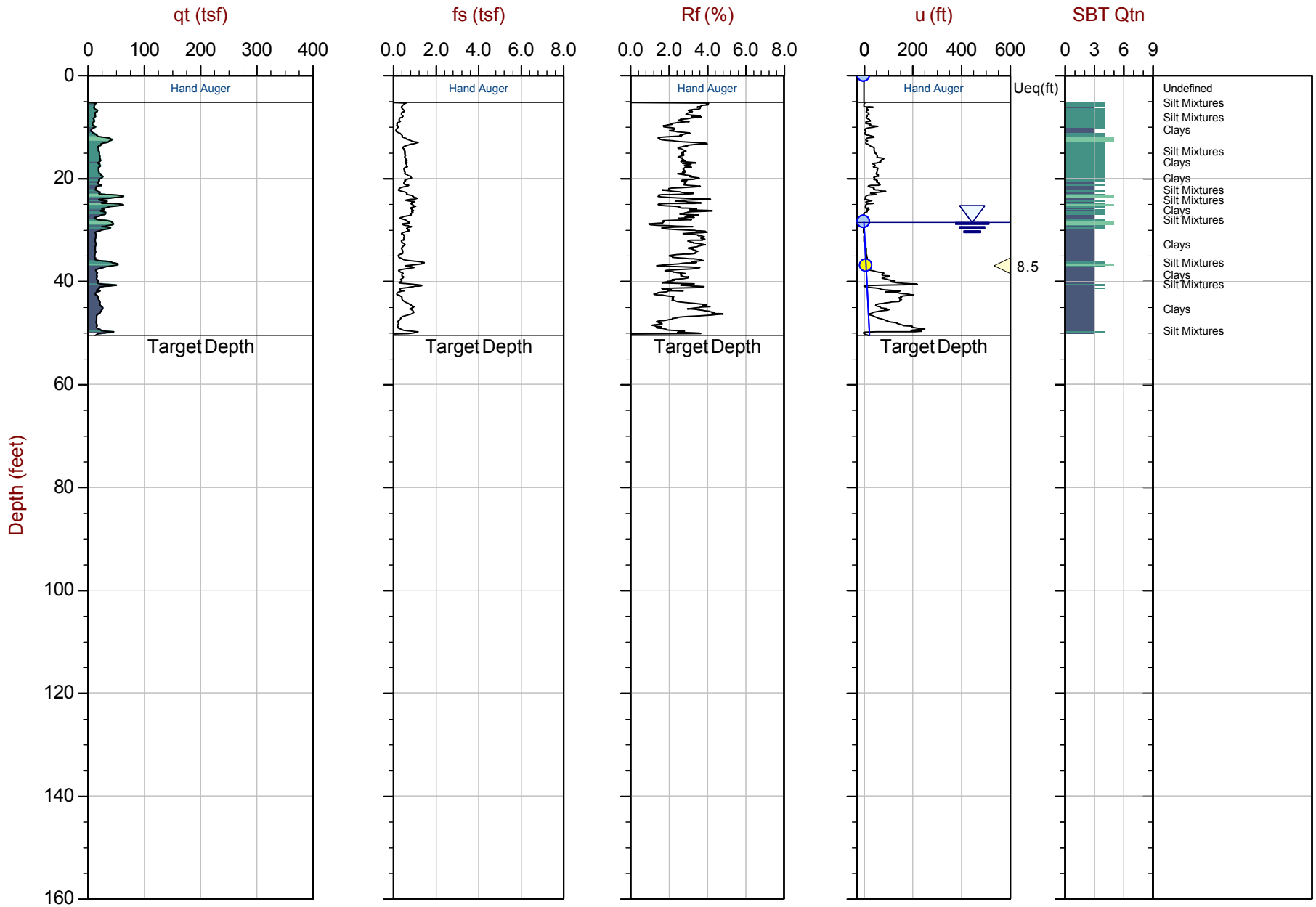
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-18 07:59
Site: Kaiser San Jose CPT

Sounding: CPT-24
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP24.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121872m E: 606265m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

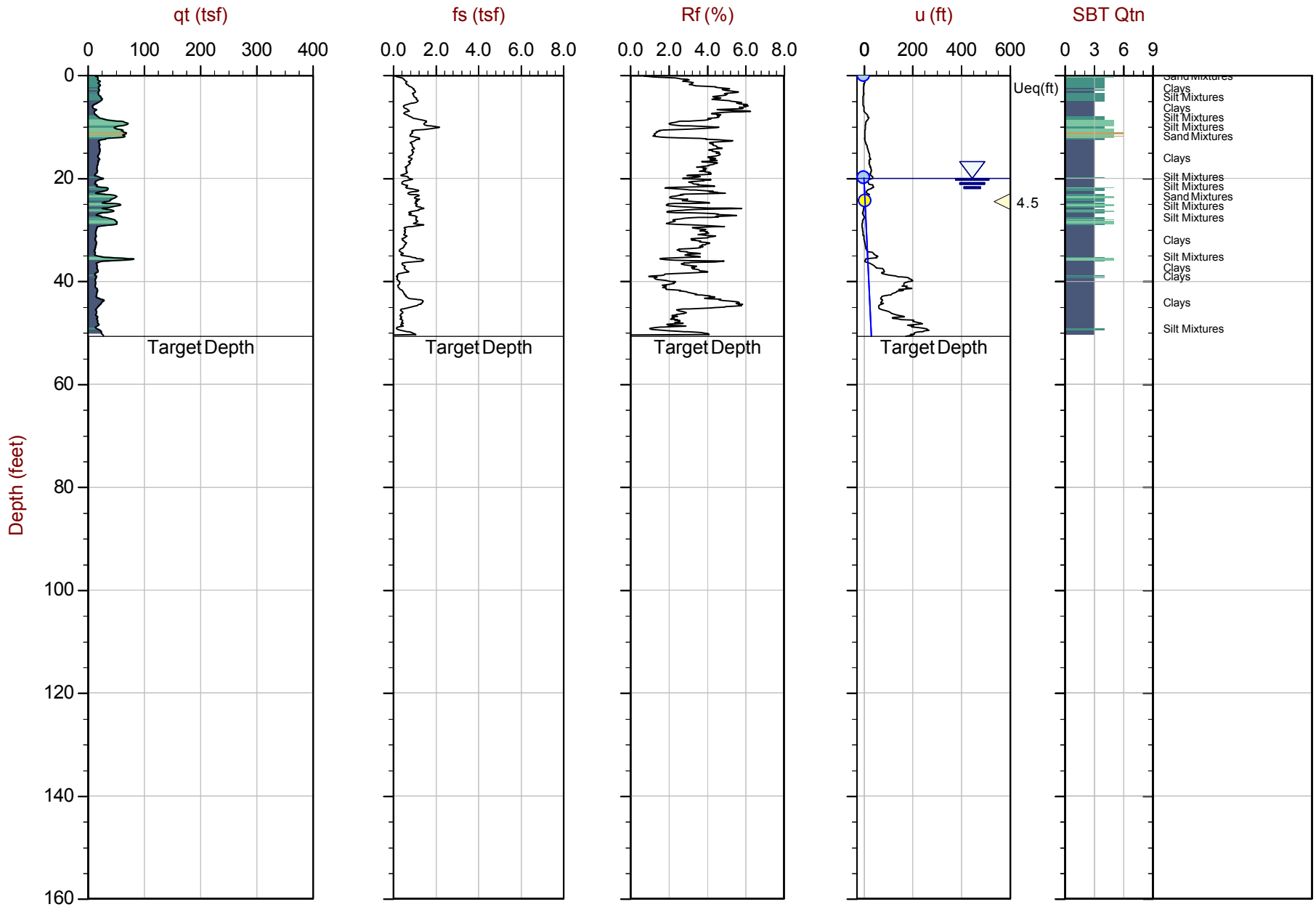
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-26 10:32
Site: Kaiser San Jose CPT

Sounding: CPT-25
Cone: 795:T1500F15U35



Max Depth: 15.450 m / 50.69 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP25.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121860m E: 606219m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

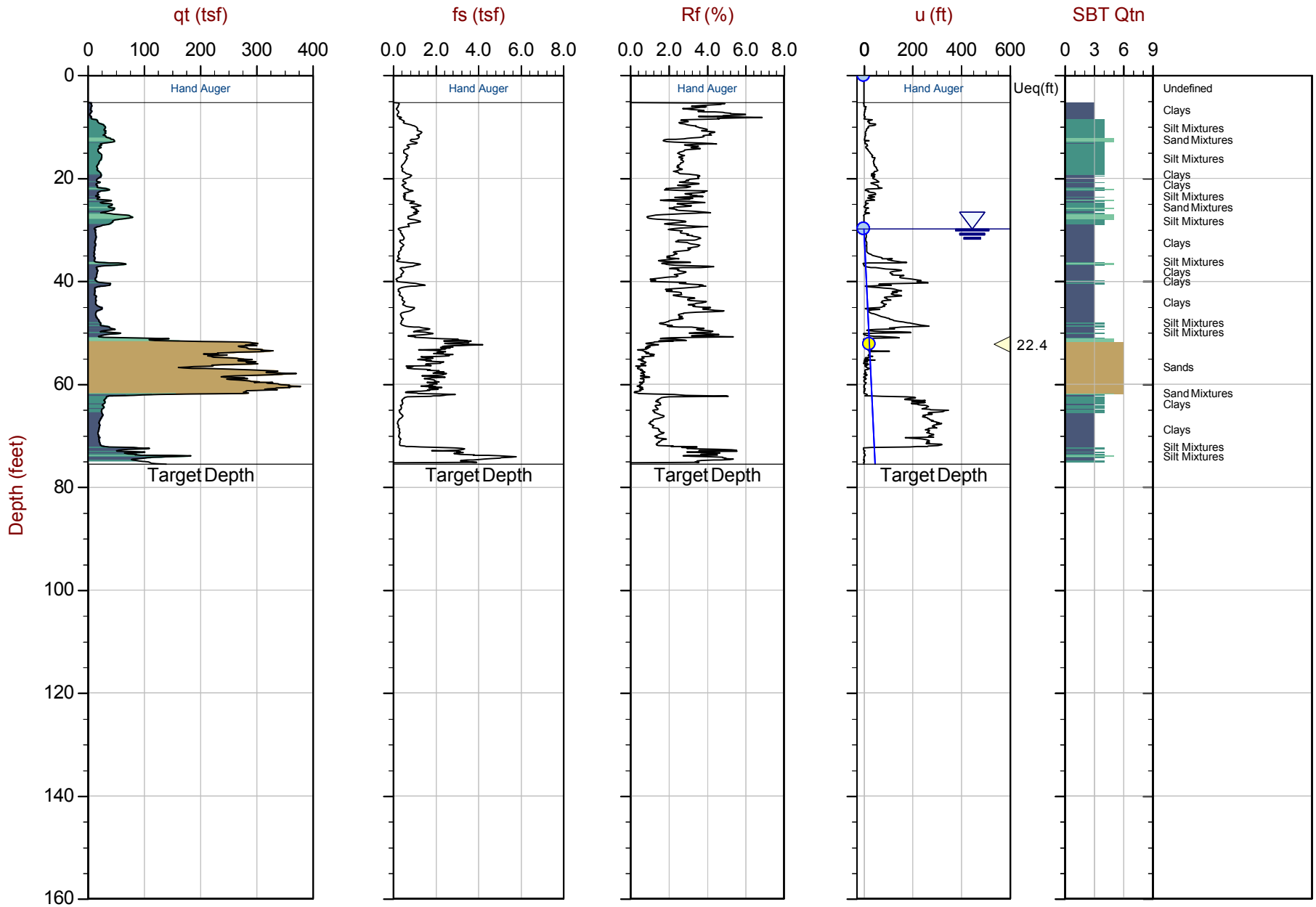
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-18 09:28
Site: Kaiser San Jose CPT

Sounding: CPT-26
Cone: 815:T1500F15U35



Max Depth: 23.025 m / 75.54 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP26.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121864m E: 606292m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

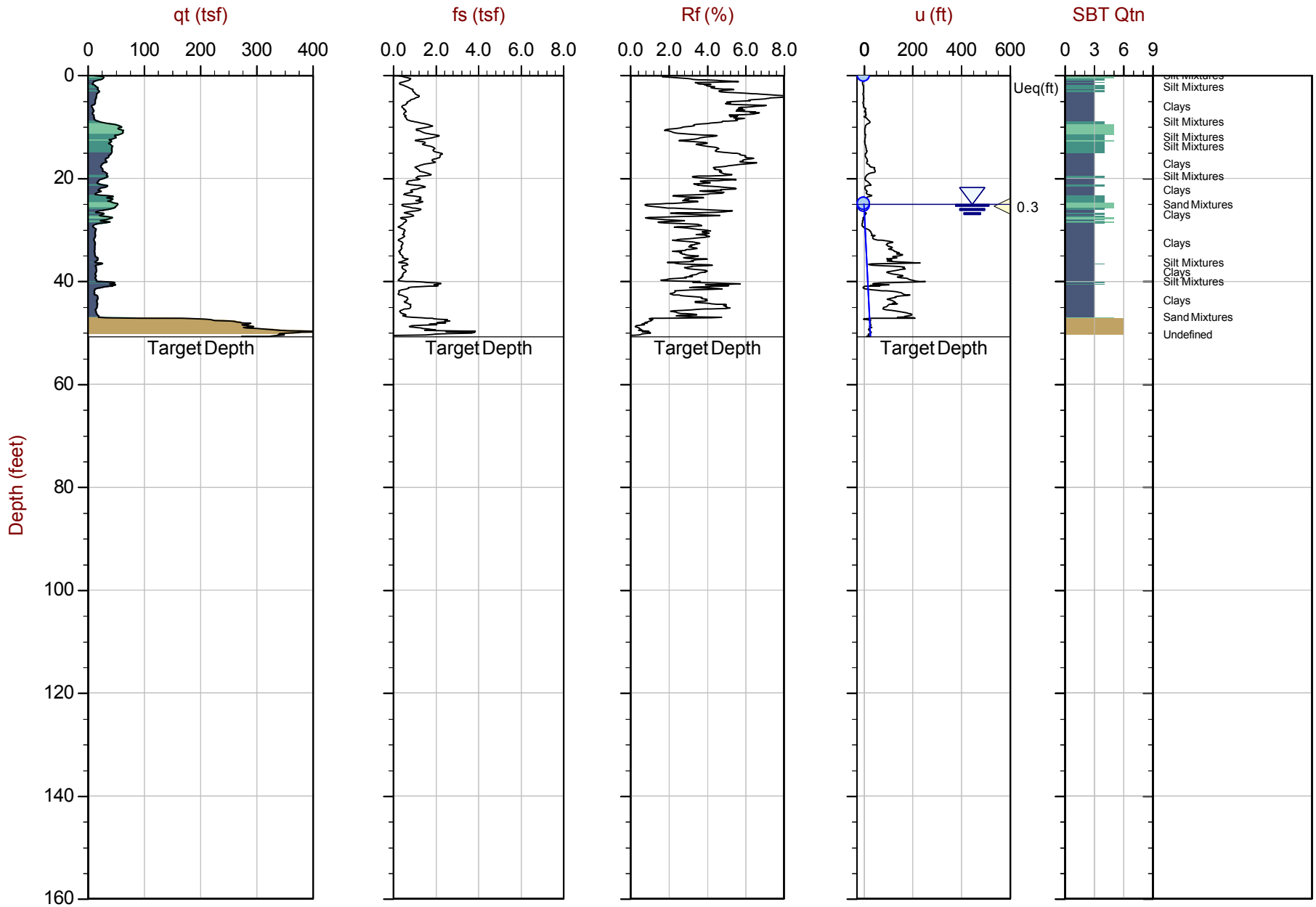
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-26 11:41
Site: Kaiser San Jose CPT

Sounding: CPT-27
Cone: 795:T1500F15U35



Max Depth: 15.475 m / 50.77 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP27.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121873m E: 606232m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

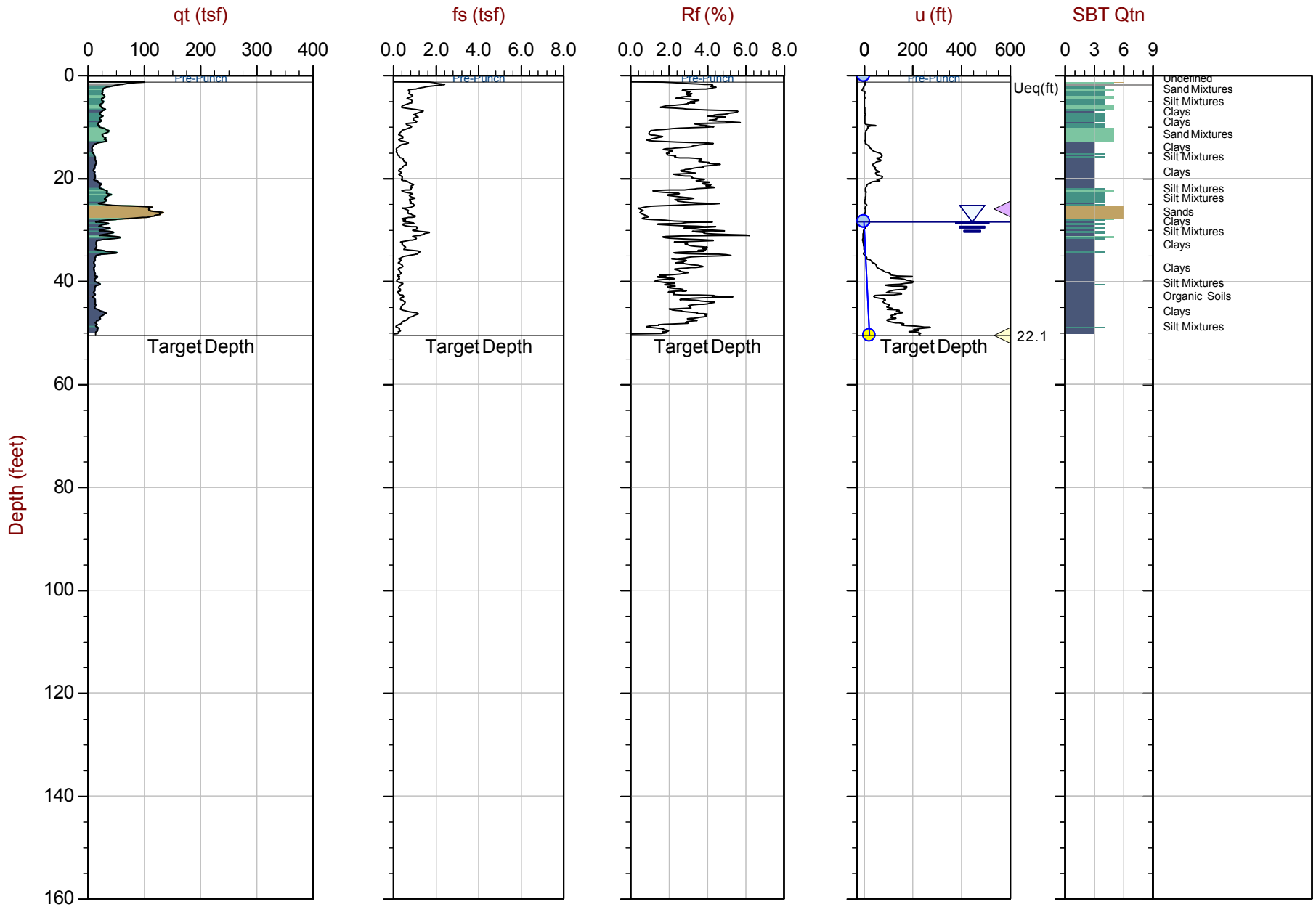
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 07:34
Site: Kaiser San Jose CPT

Sounding: CPT-28
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP28.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121956m E: 606361m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

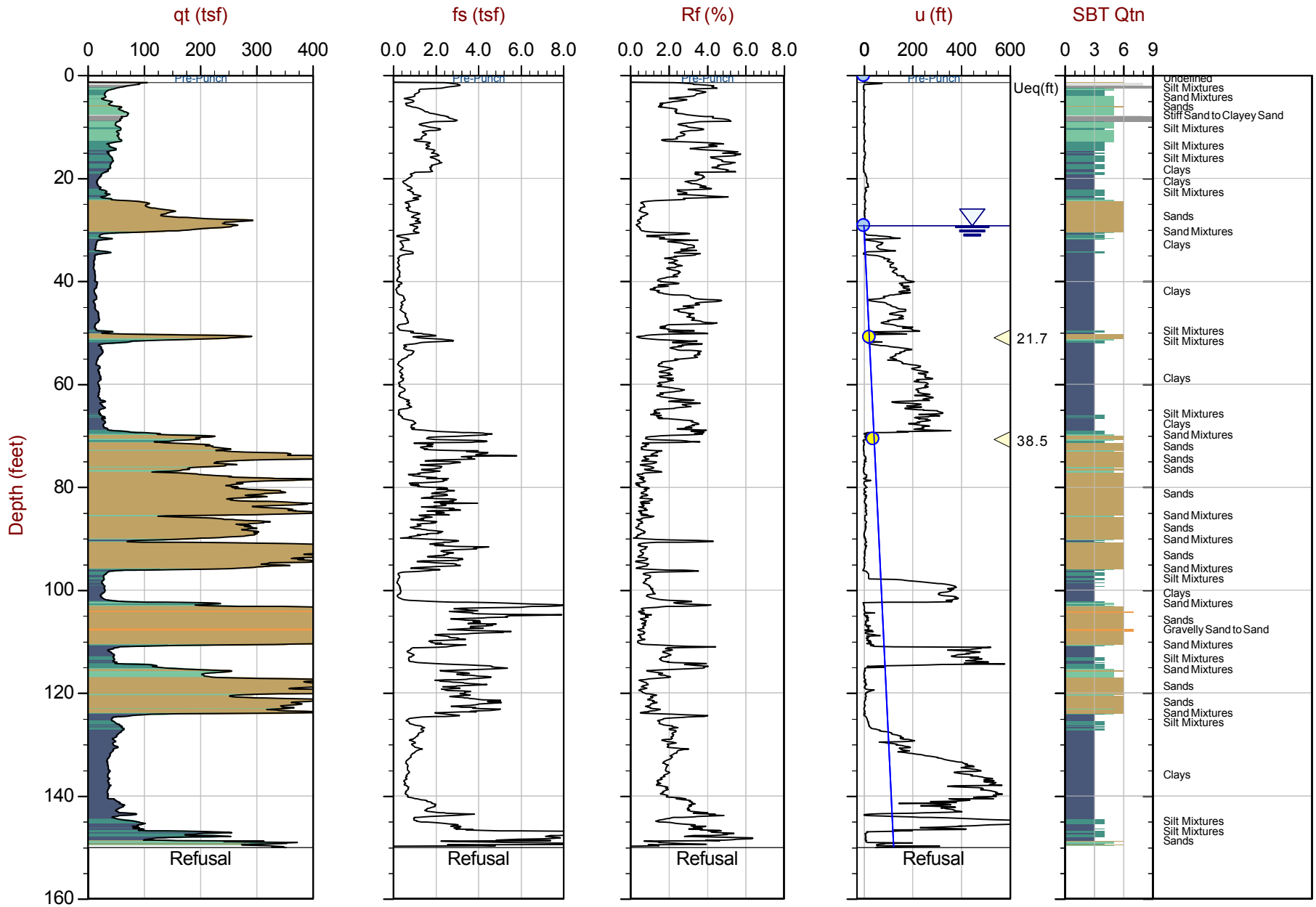
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 12:26
Site: Kaiser San Jose CPT

Sounding: CPT-29
Cone: 815:T1500F15U35



Max Depth: 45.750 m / 150.10 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP29.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121927m E: 606370m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

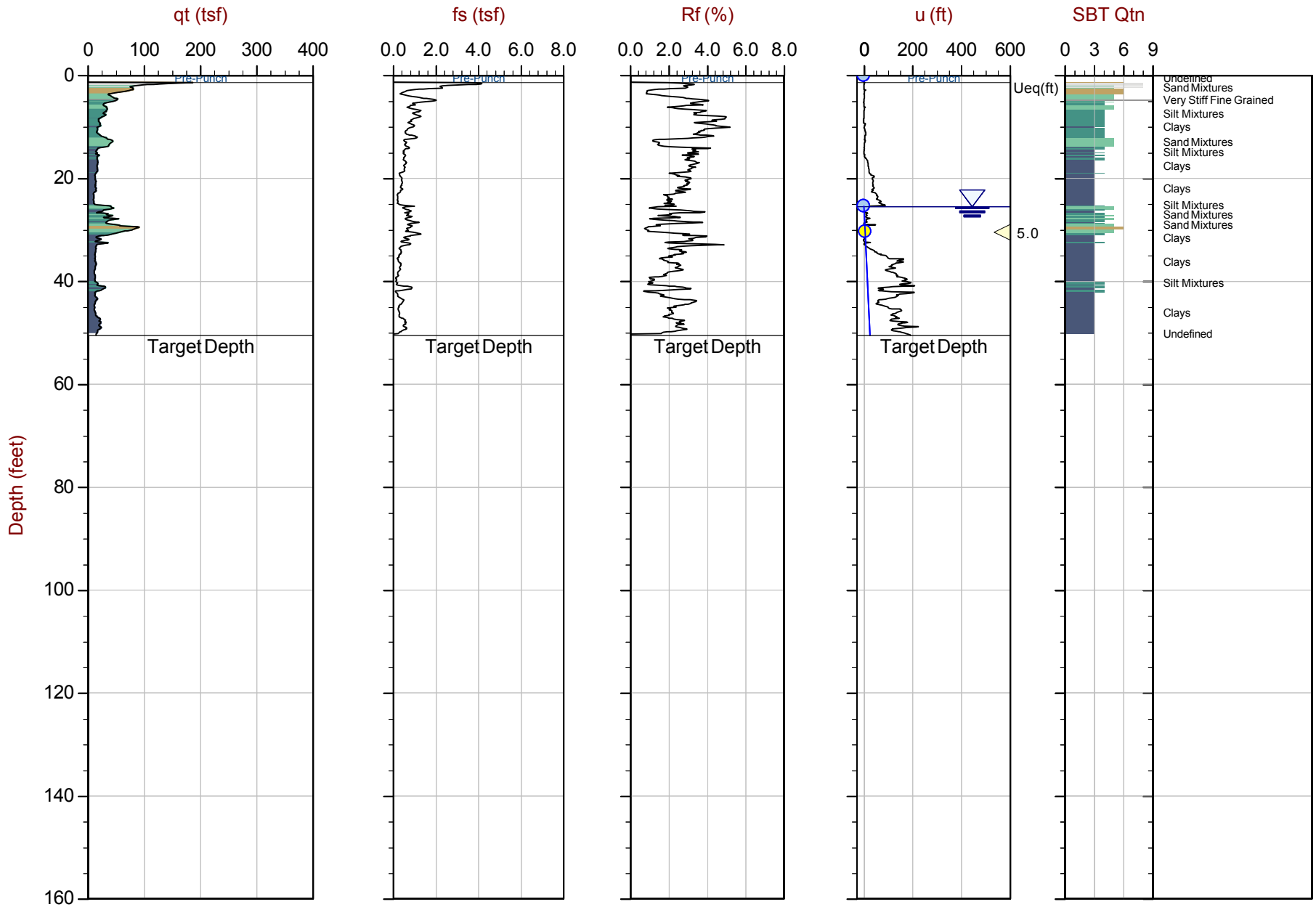
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 11:30
Site: Kaiser San Jose CPT

Sounding: CPT-30
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP30.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121921m E: 606424m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

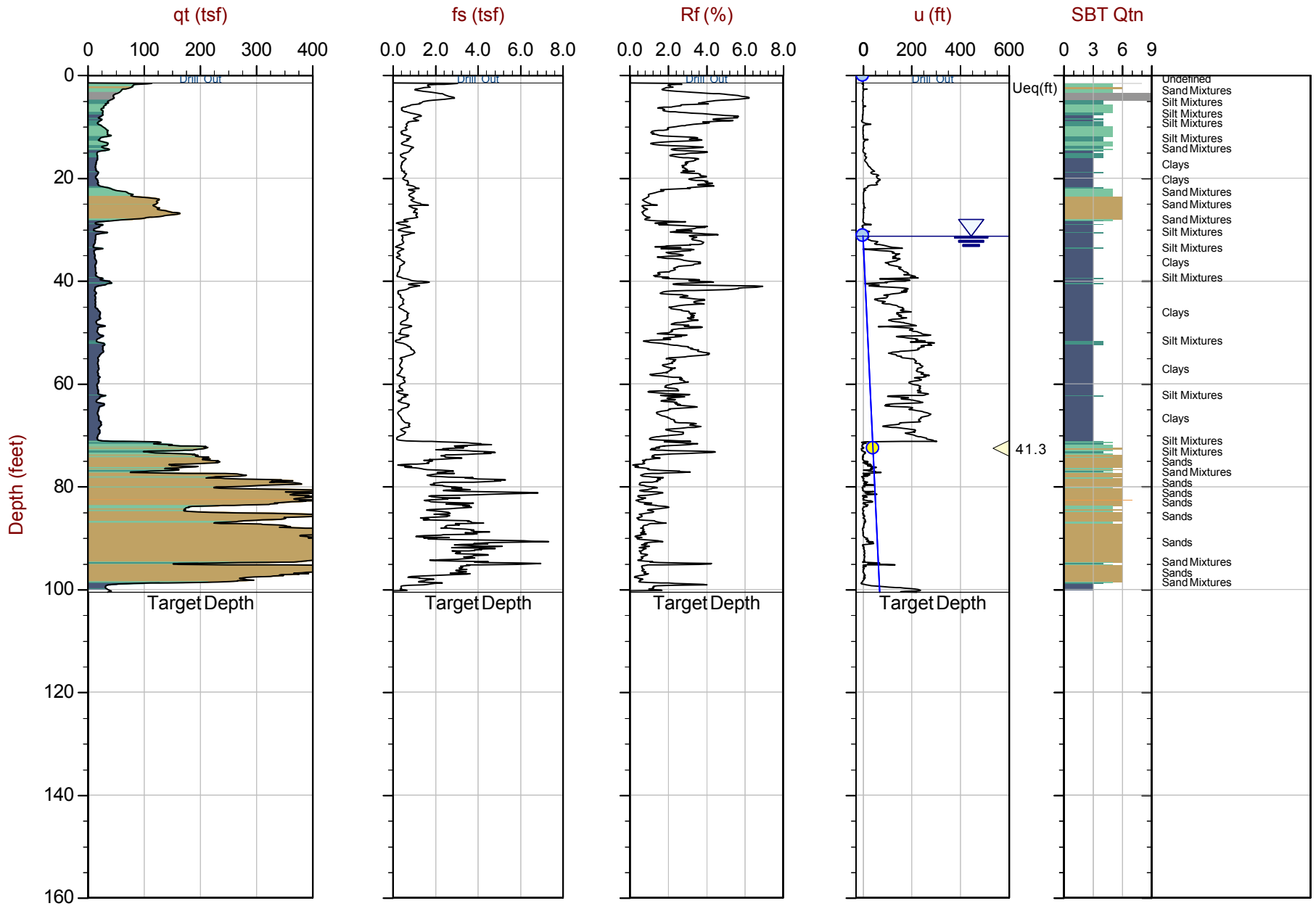
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 09:03
Site: Kaiser San Jose CPT

Sounding: CPT-31
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP31.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121880m E: 606423m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

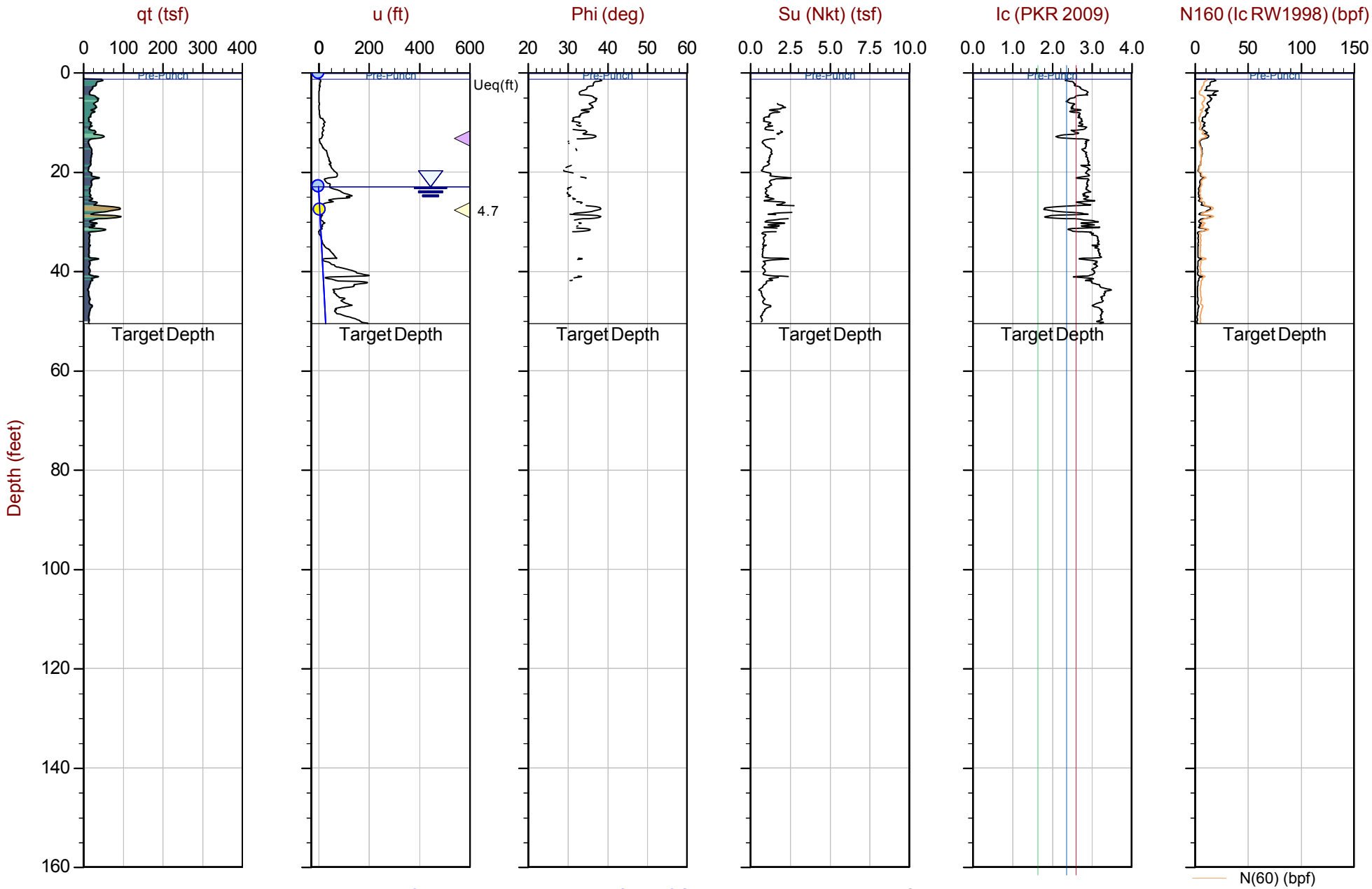
Advanced Cone Penetration Test Plots

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 07:48
Site: Kaiser San Jose CPT

Sounding: CPT-01
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP01.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122050m E: 606172m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

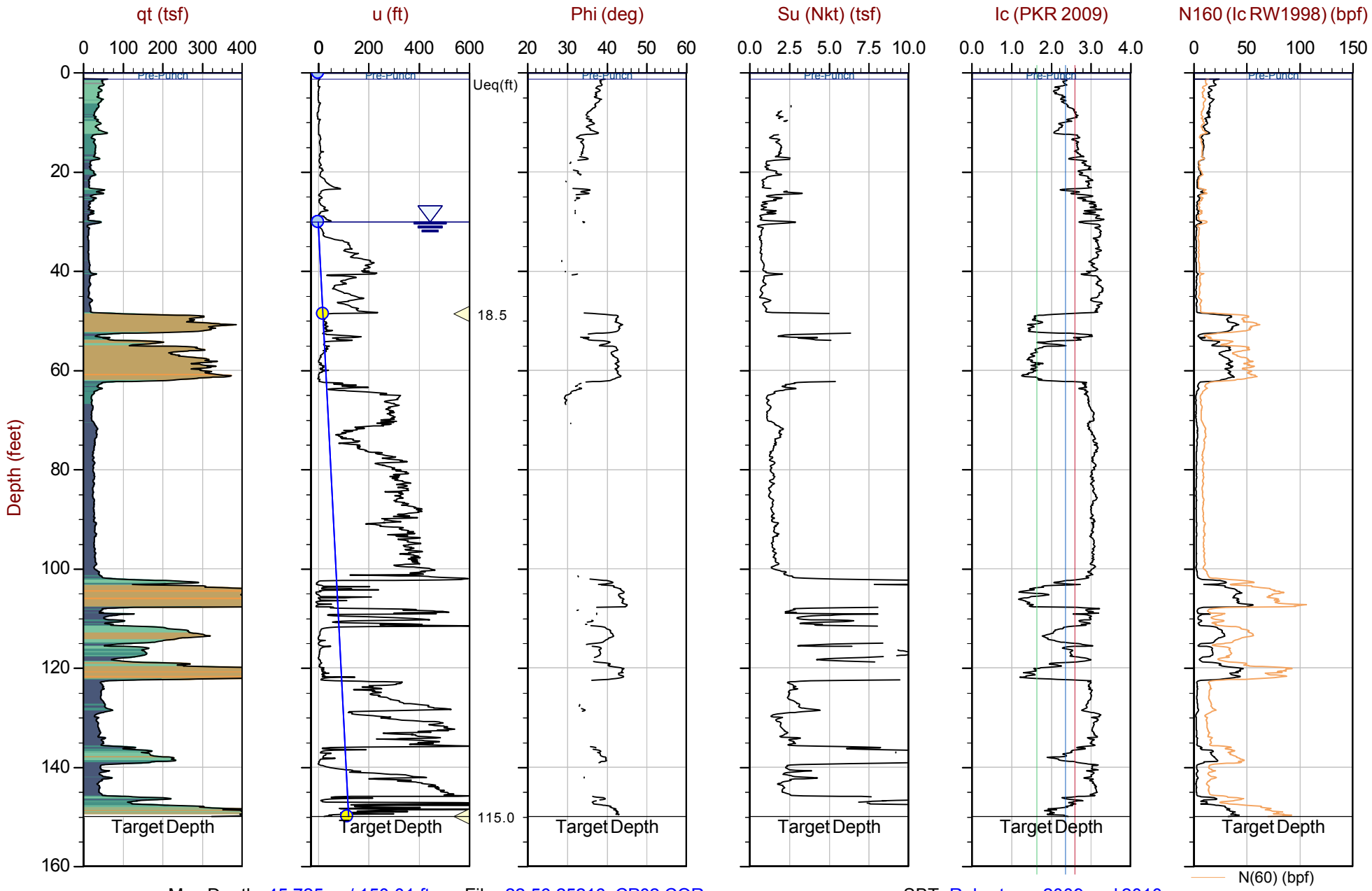
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 09:39
Site: Kaiser San Jose CPT

Sounding: CPT-02
Cone: 815:T1500F15U35



Max Depth: 45.725 m / 150.01 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP02.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122054m E: 606220m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

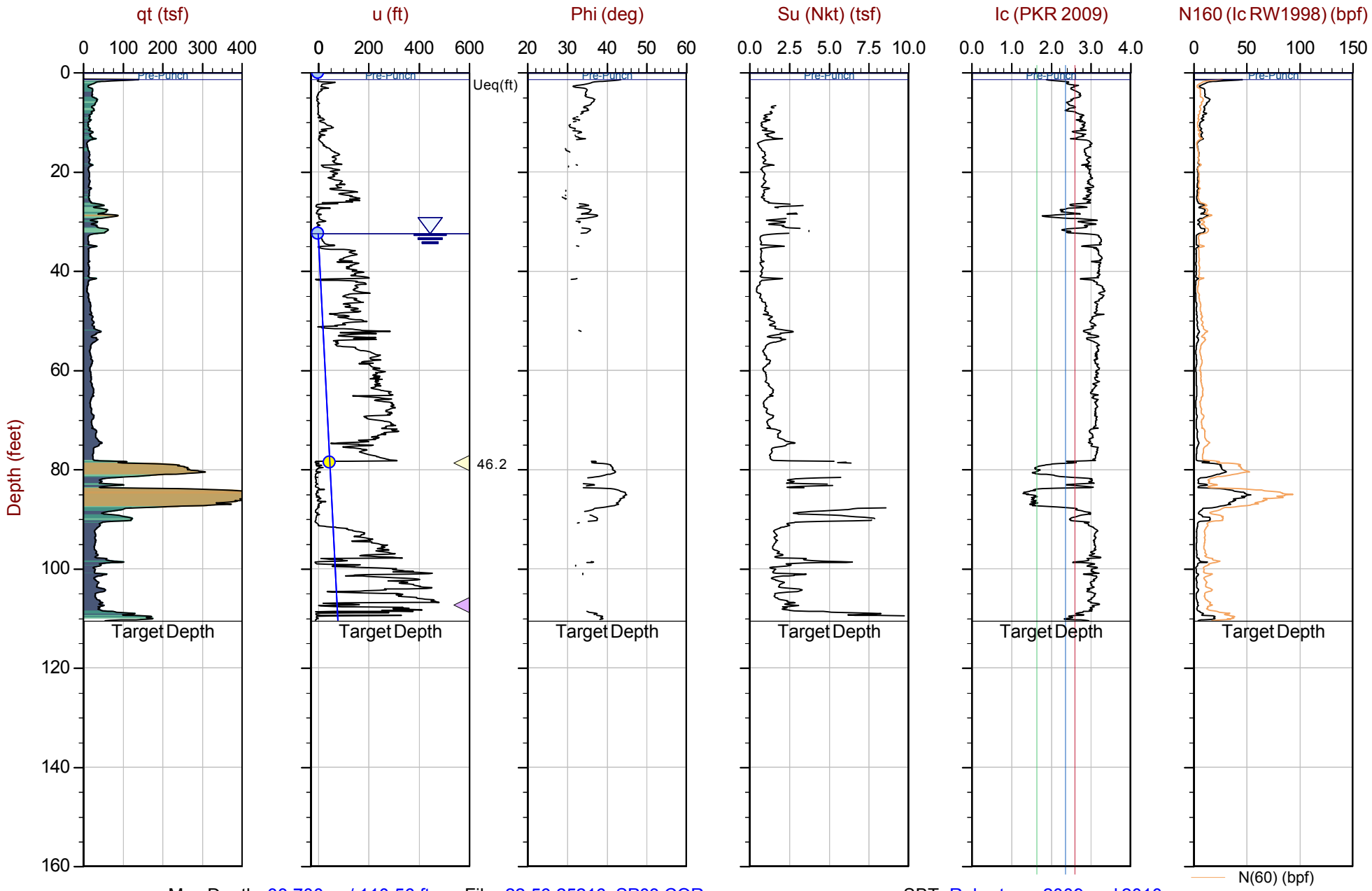
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 13:54
Site: Kaiser San Jose CPT

Sounding: CPT-03
Cone: 815:T1500F15U35



Max Depth: 33.700 m / 110.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP03.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122024m E: 606144m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

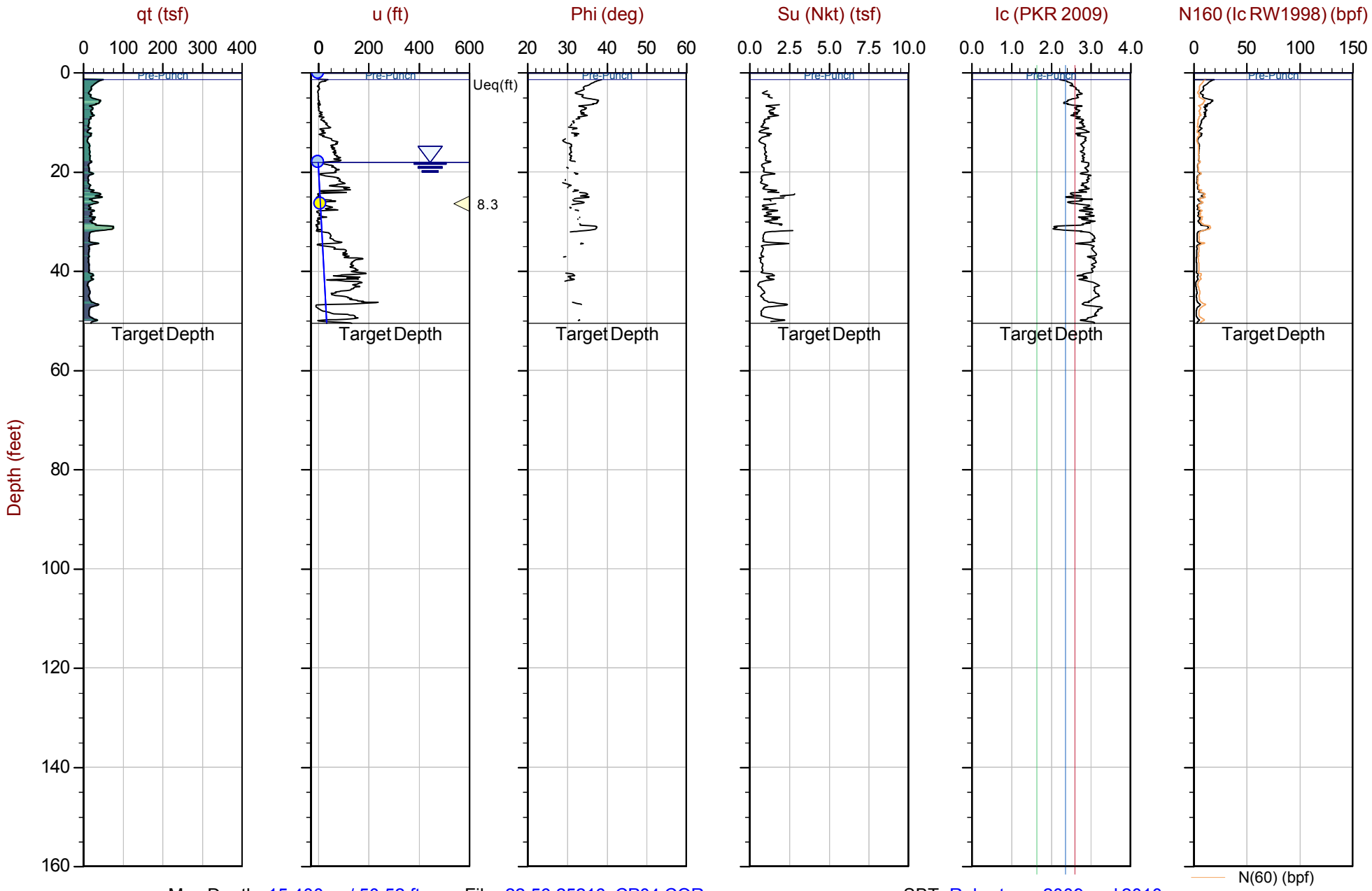
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 12:24
Site: Kaiser San Jose CPT

Sounding: CPT-04
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP04.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122010m E: 606169m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

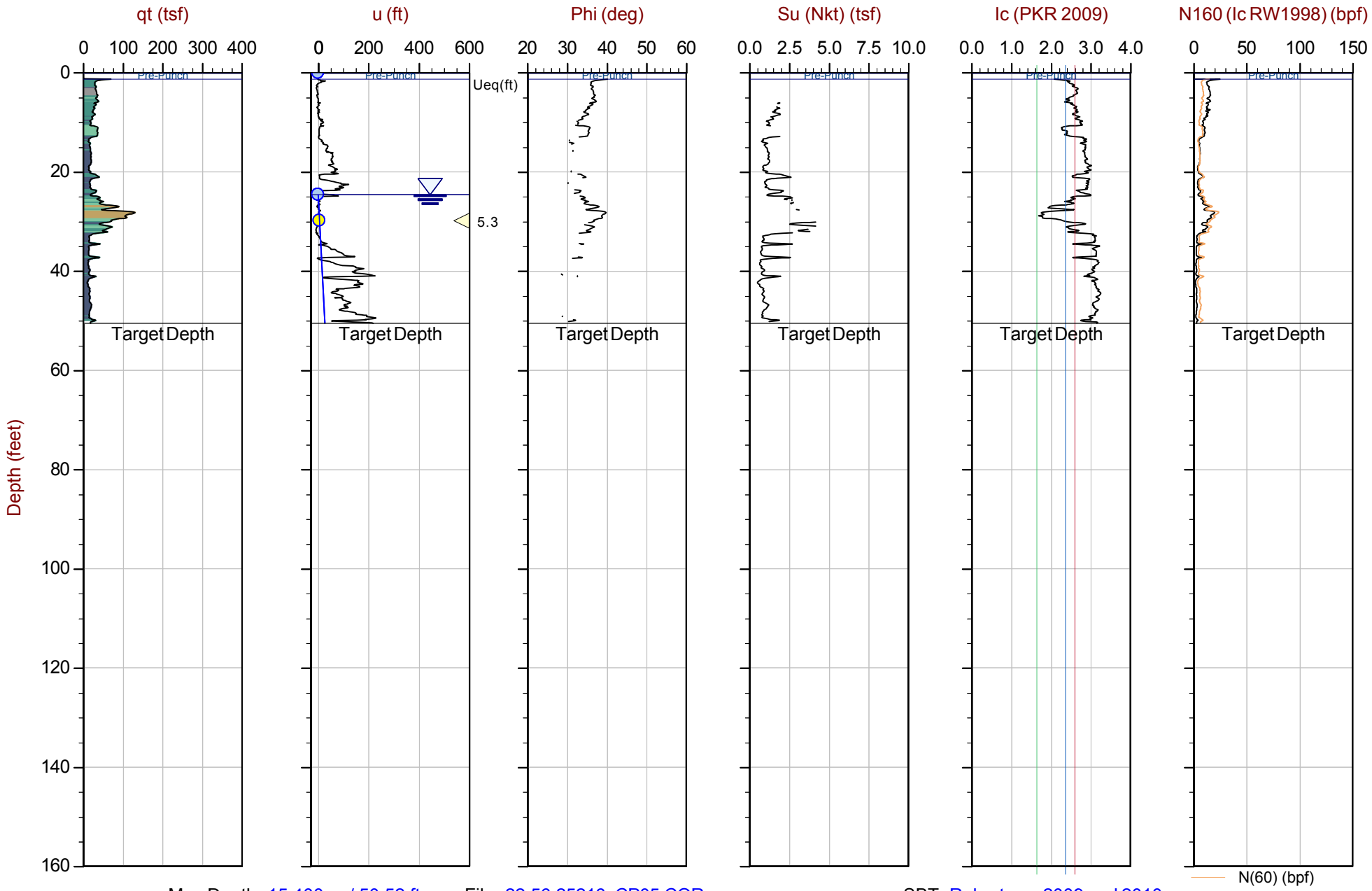
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 09:29
Site: Kaiser San Jose CPT

Sounding: CPT-05
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP05.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122025m E: 606199m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

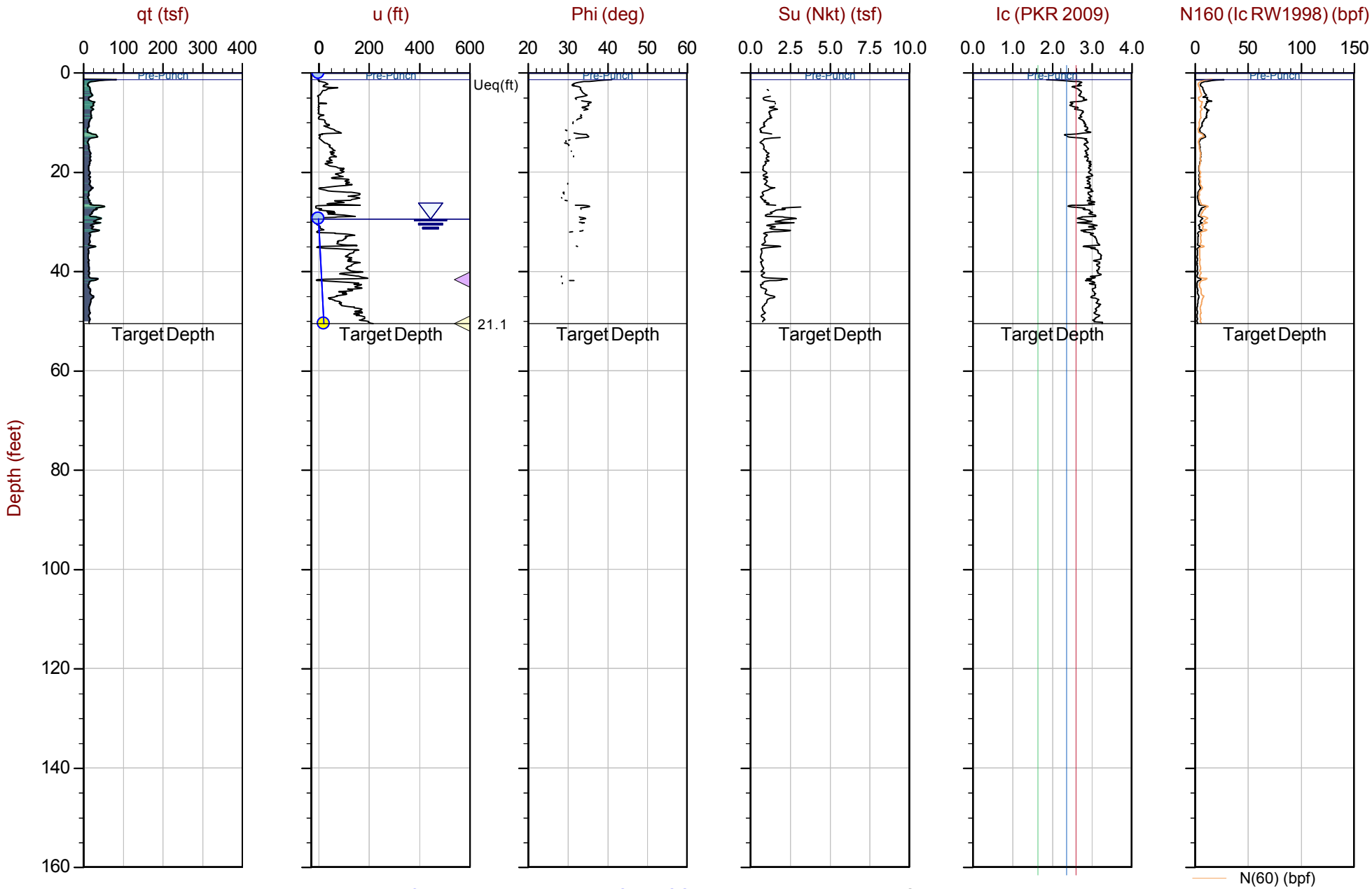
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 13:12
Site: Kaiser San Jose CPT

Sounding: CPT-06
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP06.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122010m E: 606151m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

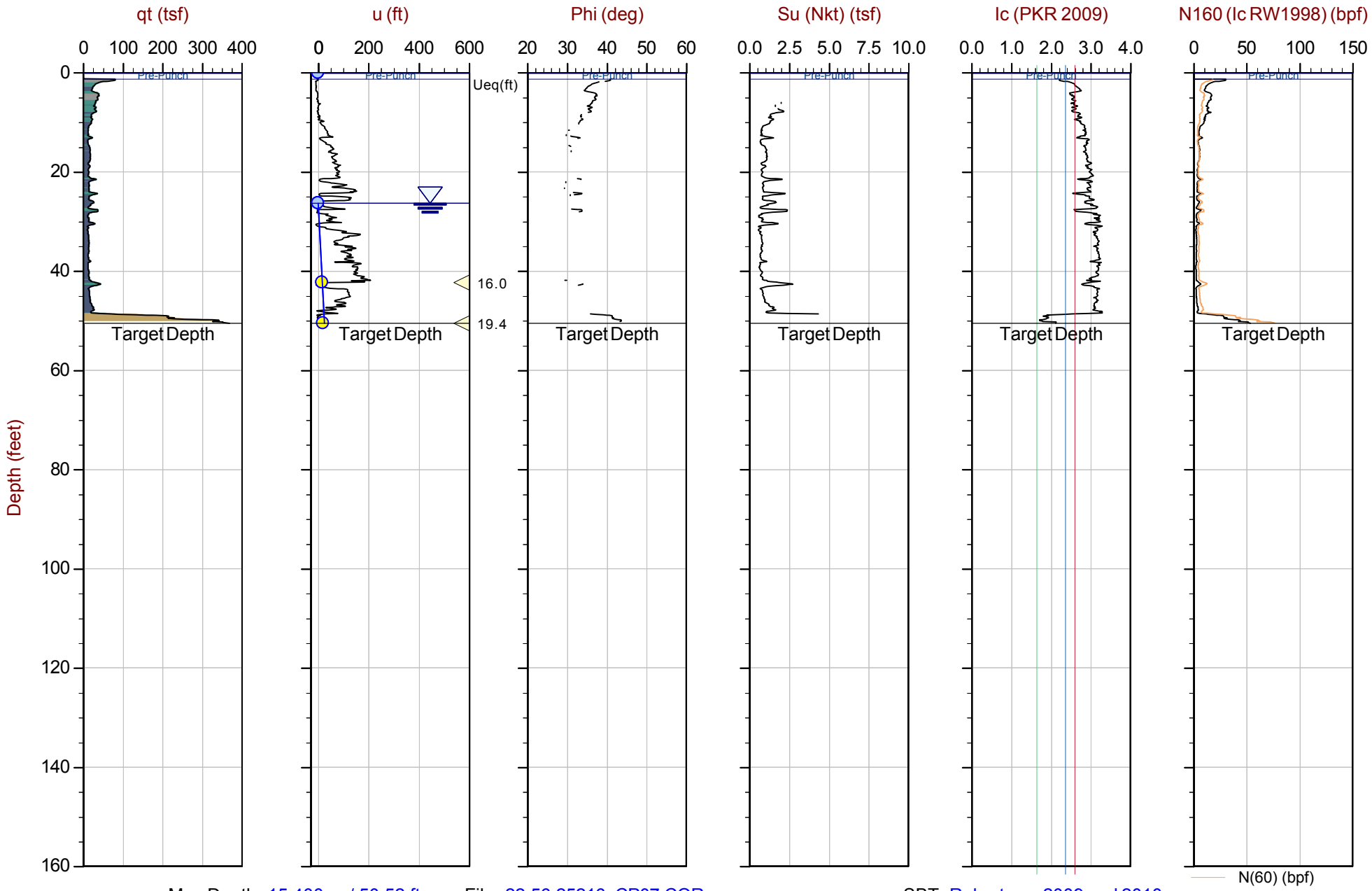
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 11:53
Site: Kaiser San Jose CPT

Sounding: CPT-07
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP07.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121988m E: 606186m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

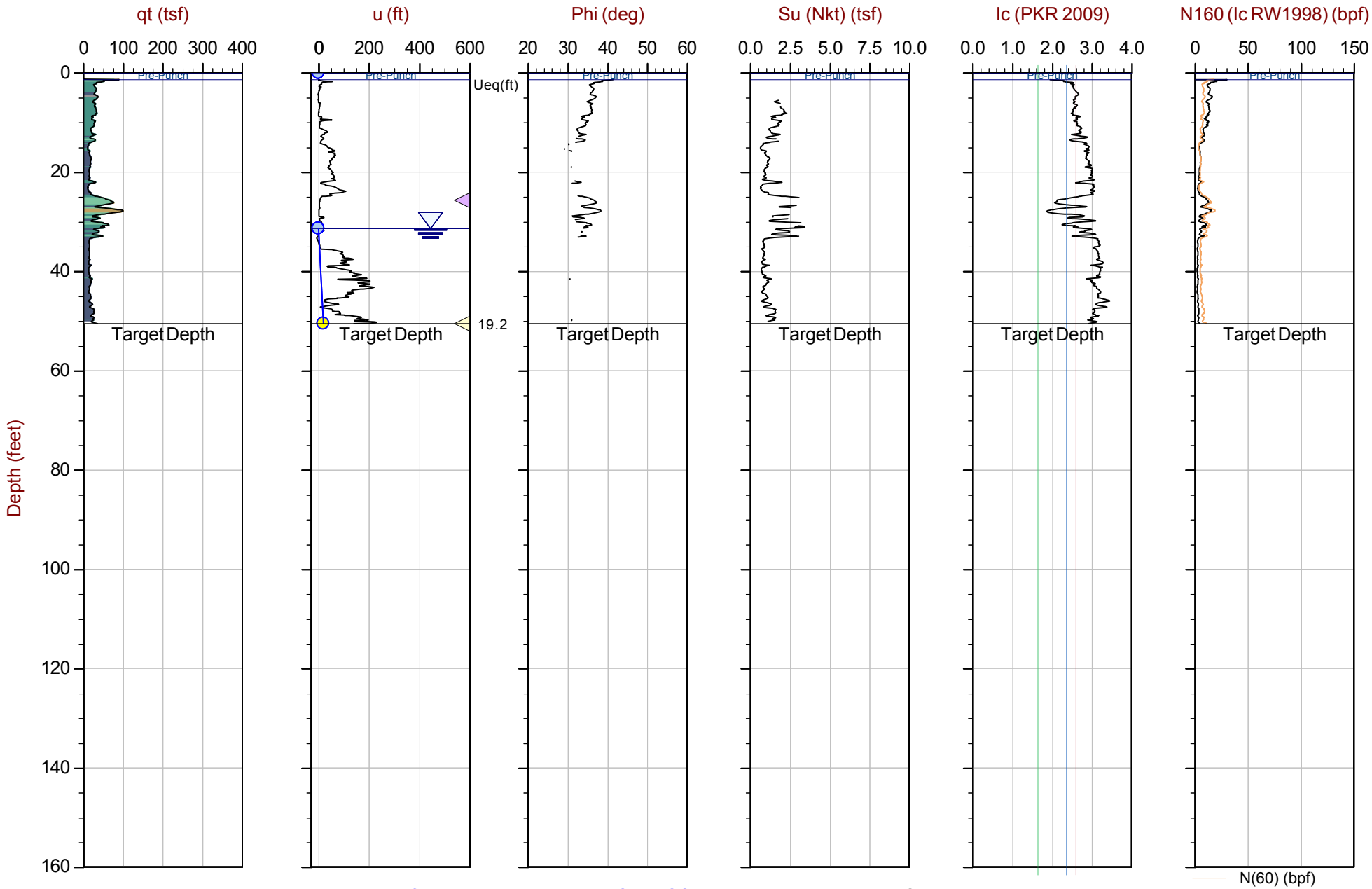
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 07:39
Site: Kaiser San Jose CPT

Sounding: CPT-08
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP08.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121992m E: 606213m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

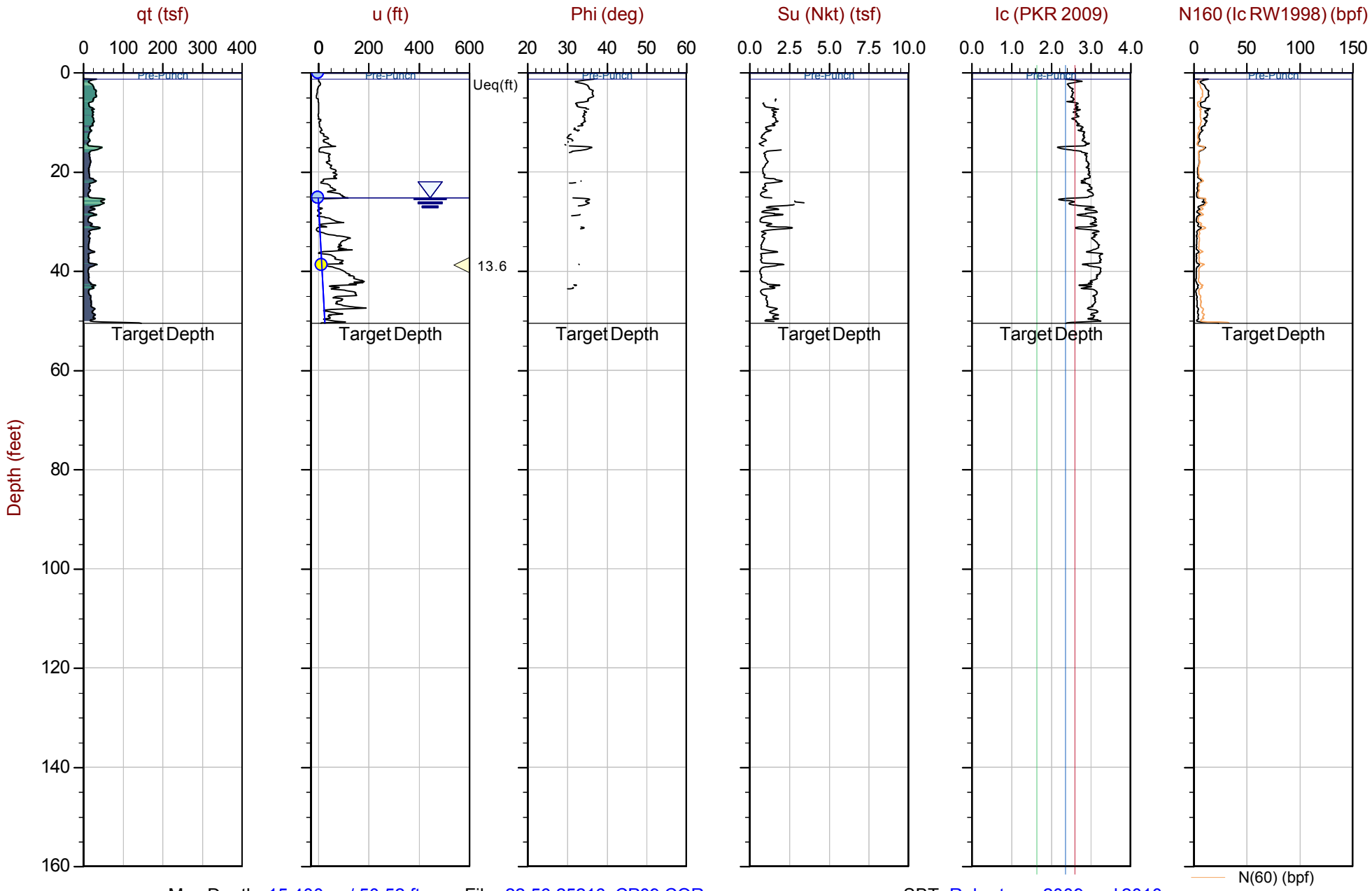
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 07:30
Site: Kaiser San Jose CPT

Sounding: CPT-09
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP09.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121968m E: 606174m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

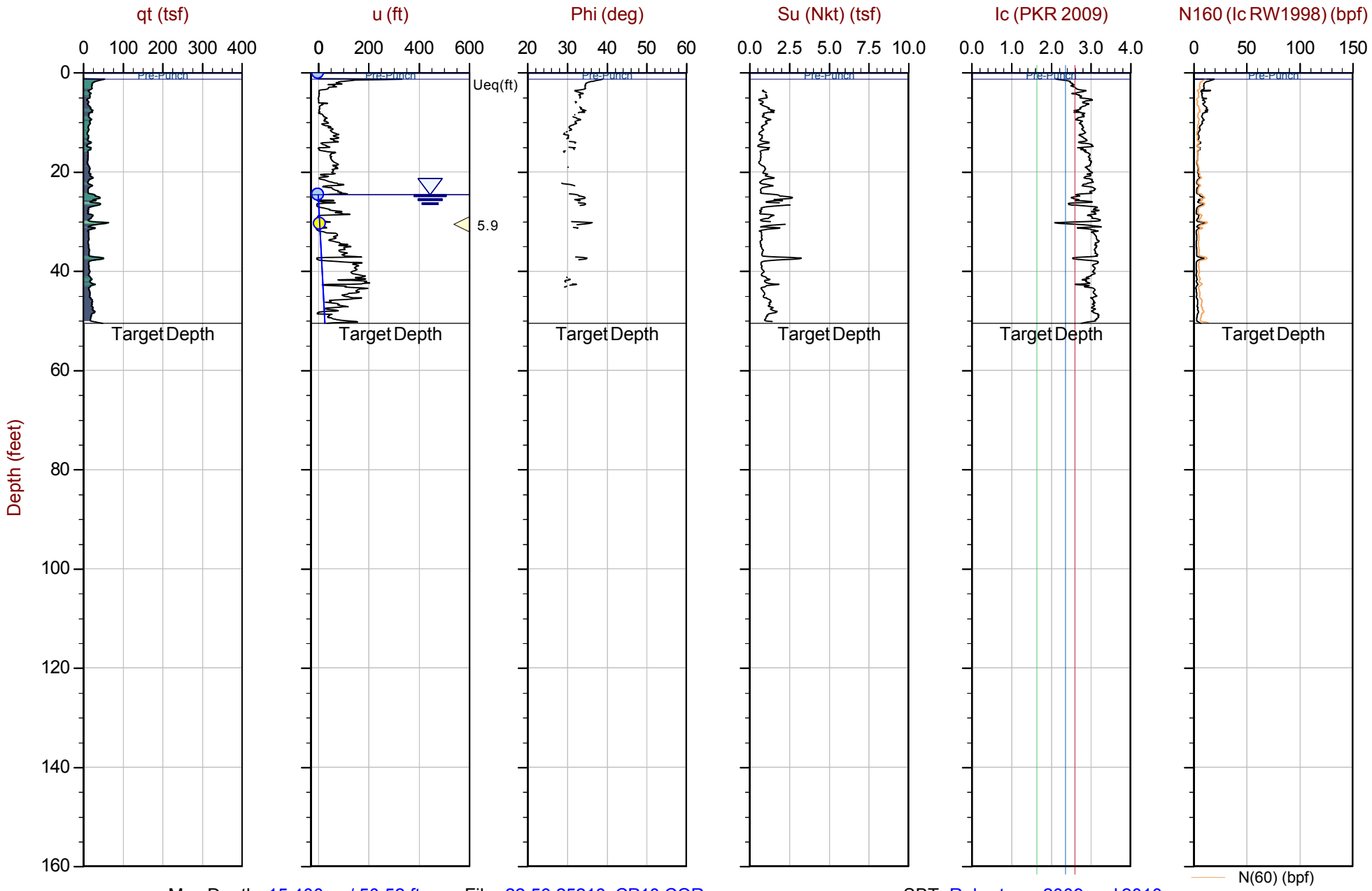
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-10 10:37
Site: Kaiser San Jose CPT

Sounding: CPT-10
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP10.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121959m E: 606200m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

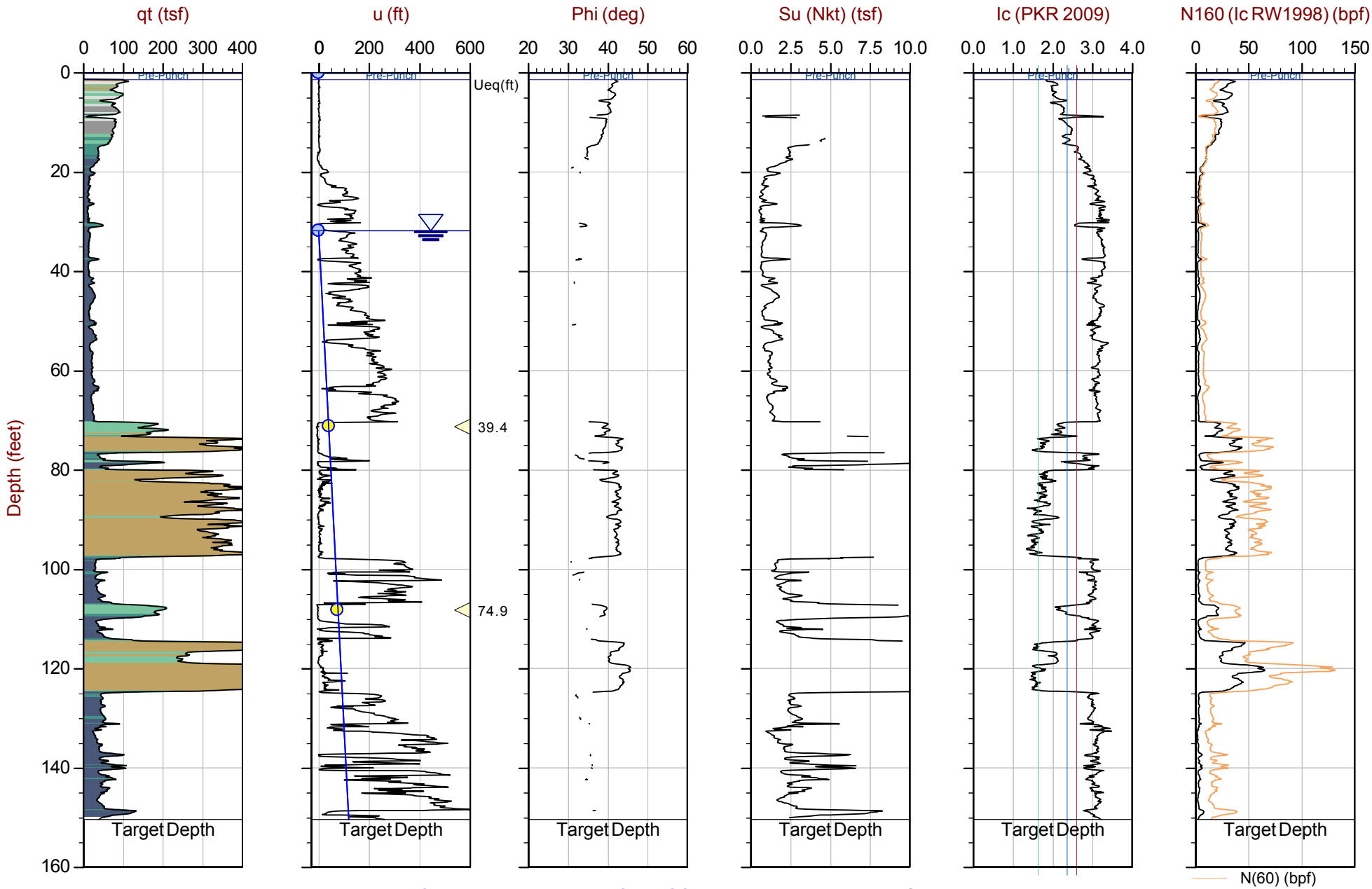
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 10:08
Site: Kaiser San Jose CPT

Sounding: CPT-11
Cone: 815:T1500F15U35



Max Depth: 45.850 m / 150.42 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP11.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121947m E: 606126m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

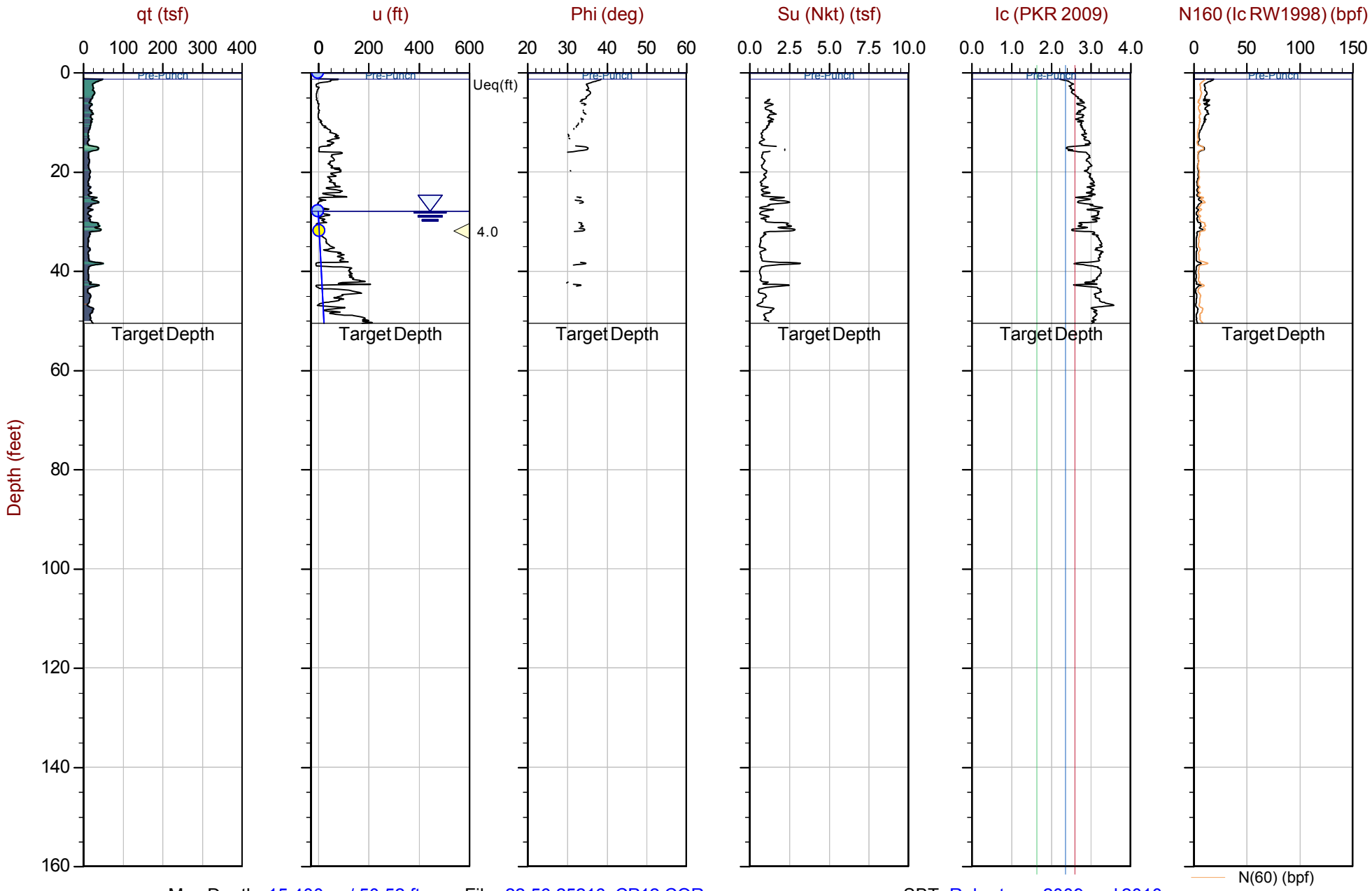
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 13:36
Site: Kaiser San Jose CPT

Sounding: CPT-12
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP12.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121948m E: 606178m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

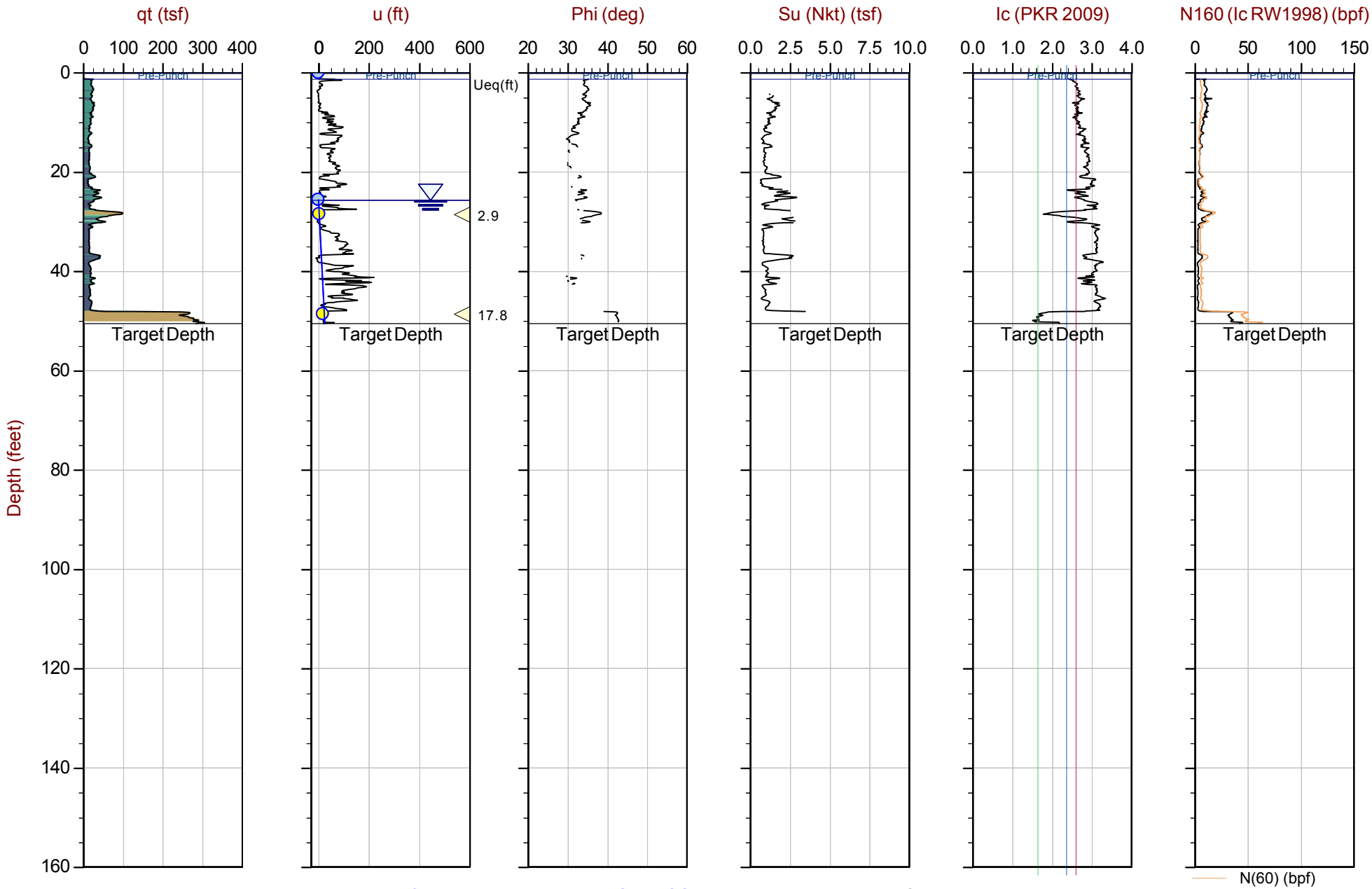
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 07:19
Site: Kaiser San Jose CPT

Sounding: CPT-13
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP13.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121955m E: 606212m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

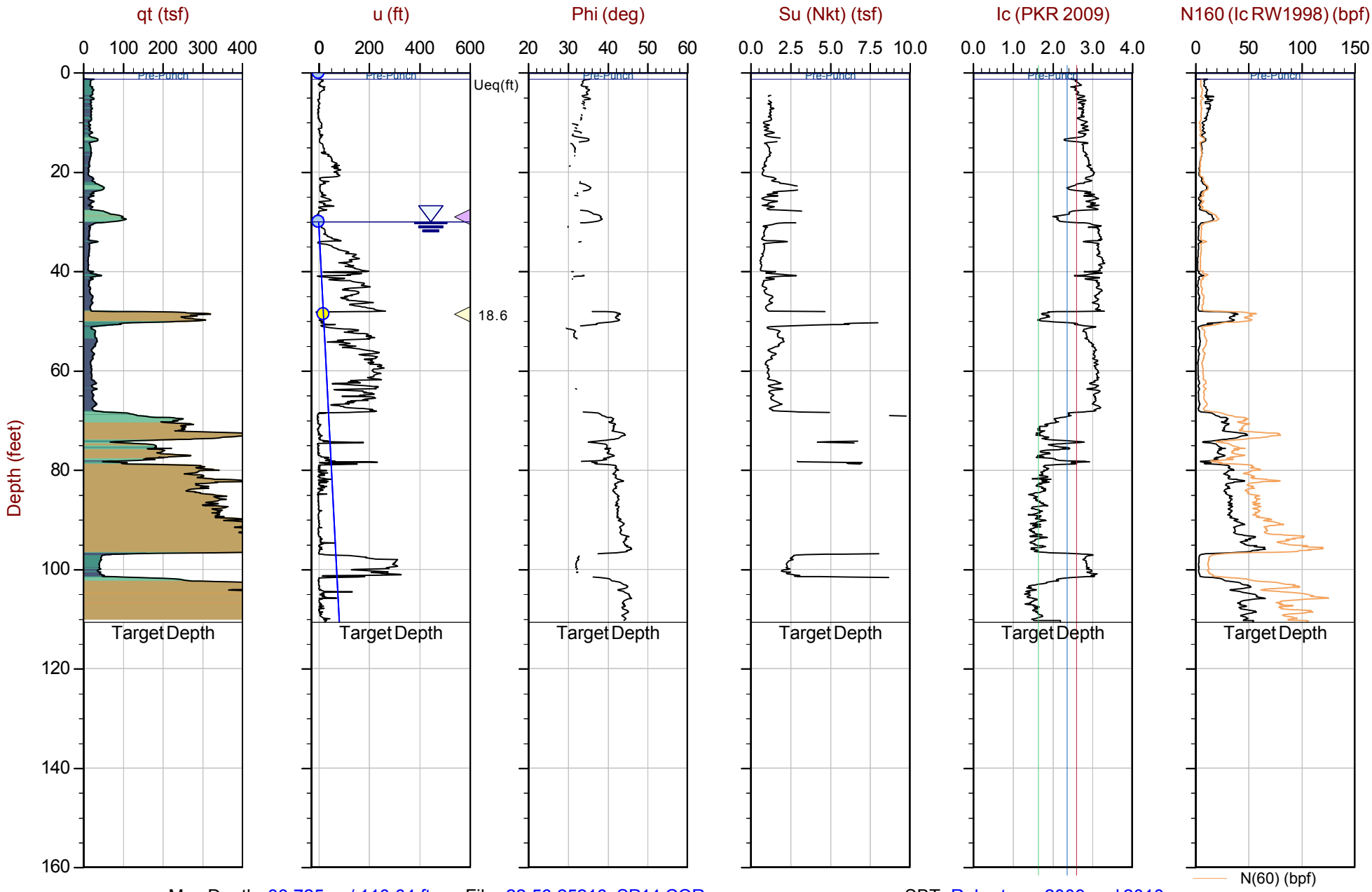
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 10:25
Site: Kaiser San Jose CPT

Sounding: CPT-14
Cone: 815:T1500F15U35



Max Depth: 33.725 m / 110.64 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP14.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121954m E: 606302m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

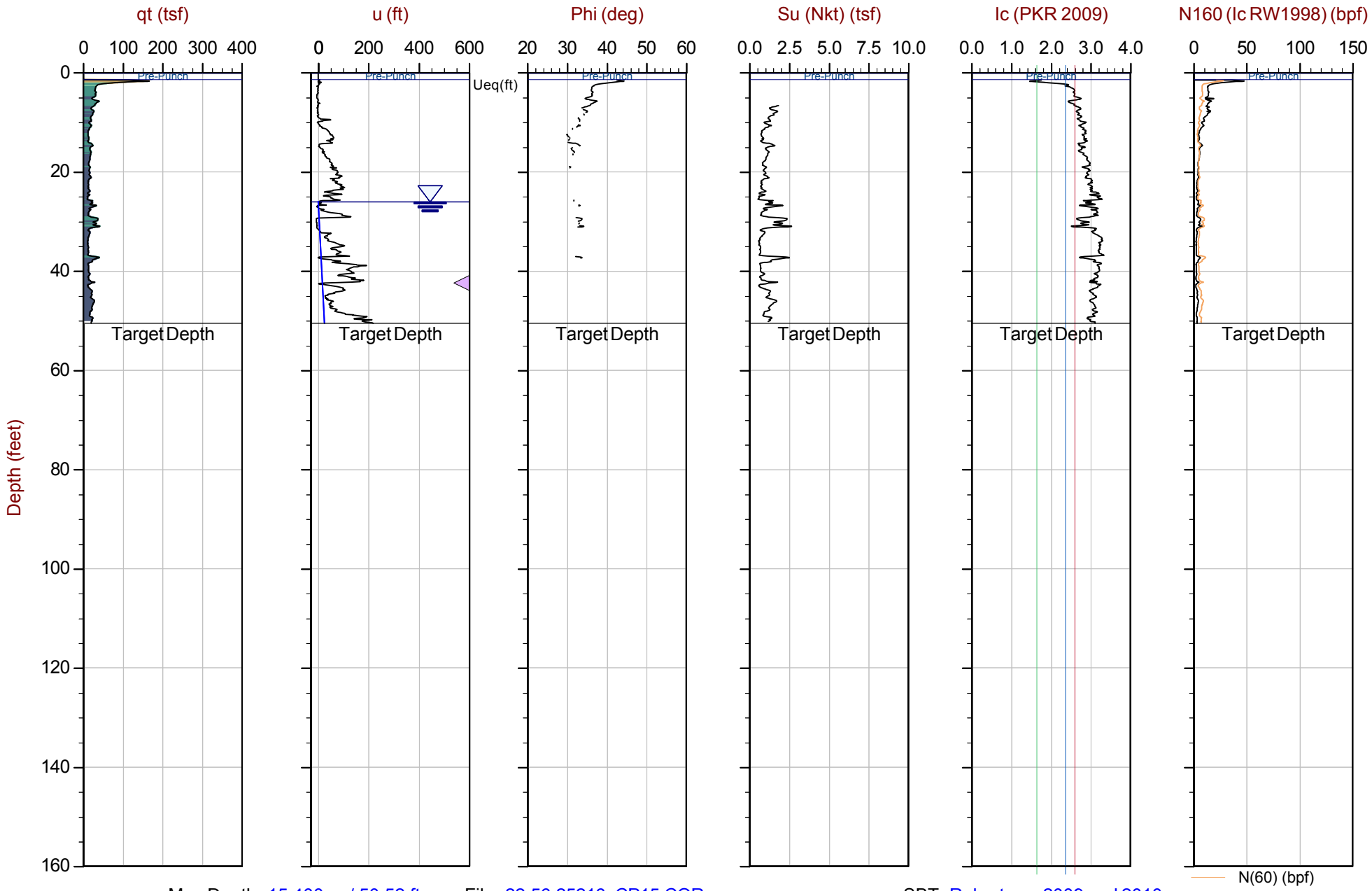
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-11 12:07
Site: Kaiser San Jose CPT

Sounding: CPT-15
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP15.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121930m E: 606169m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

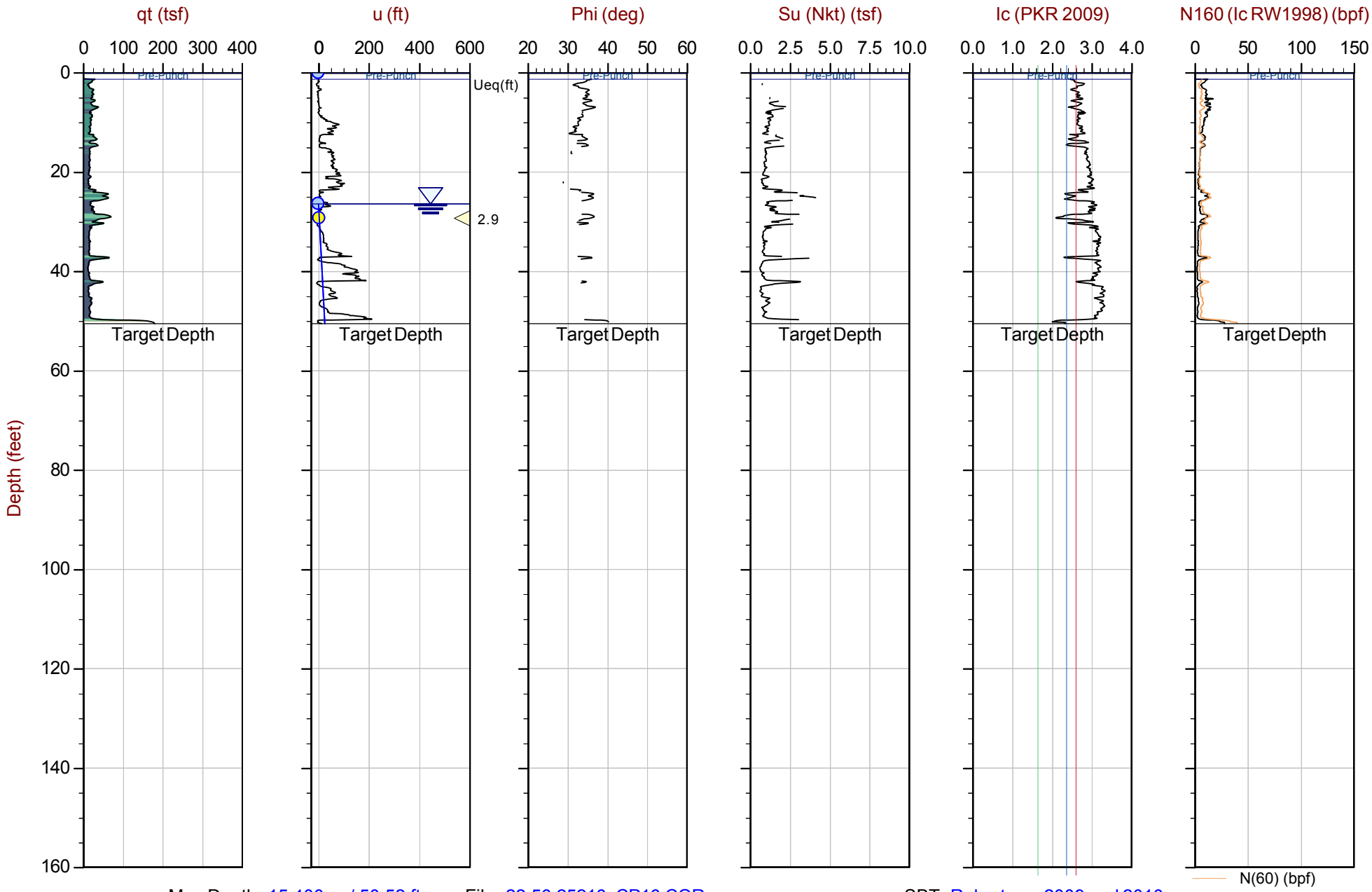
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 09:24
Site: Kaiser San Jose CPT

Sounding: CPT-16
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP16.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121946m E: 606223m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

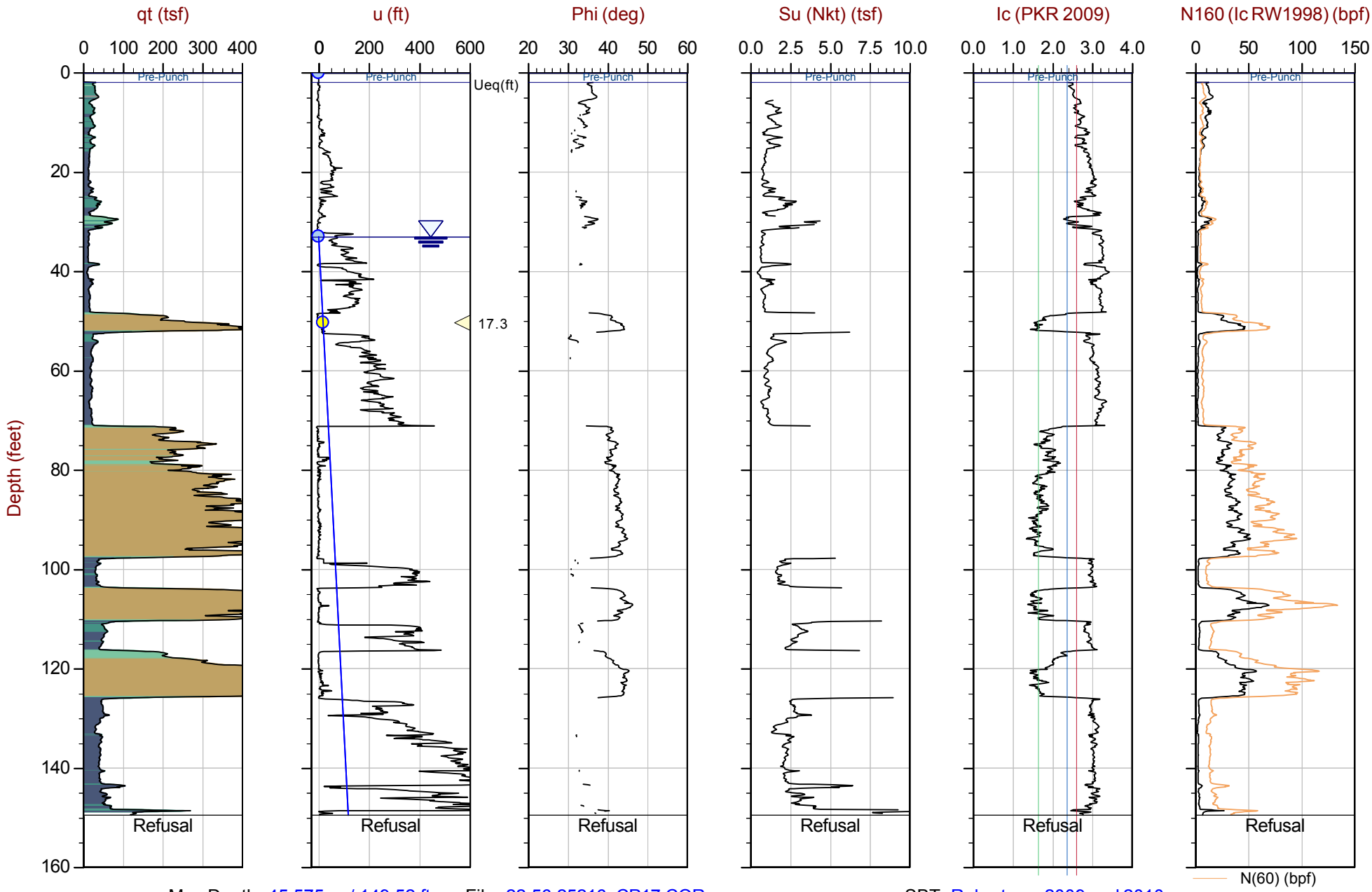
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 13:04
Site: Kaiser San Jose CPT

Sounding: CPT-17
Cone: 815:T1500F15U35



Max Depth: 45.575 m / 149.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP17.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121945m E: 606284m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

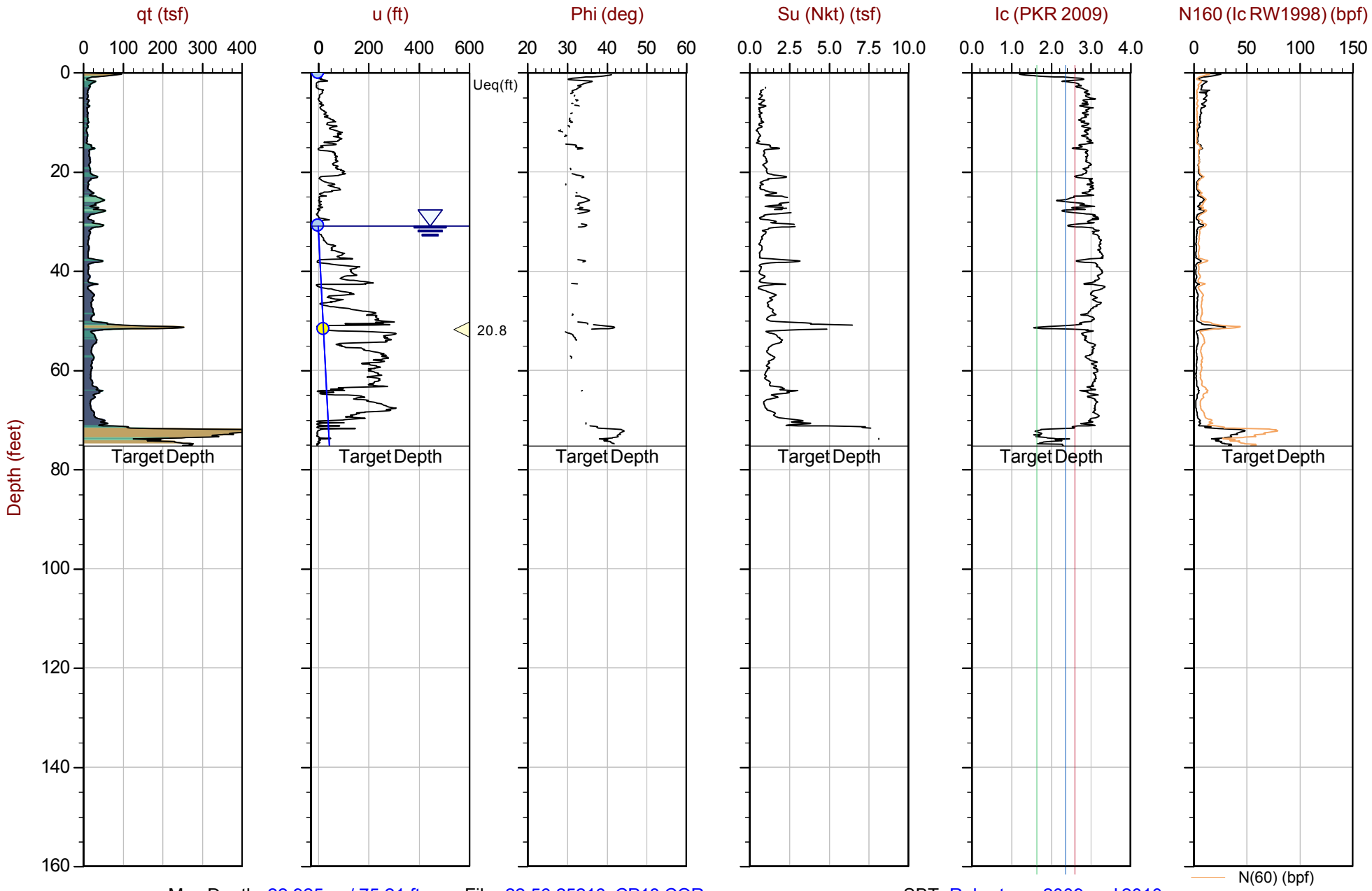
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 13:03
Site: Kaiser San Jose CPT

Sounding: CPT-18
Cone: 815:T1500F15U35



Max Depth: 22.925 m / 75.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP18.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121928m E: 606191m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

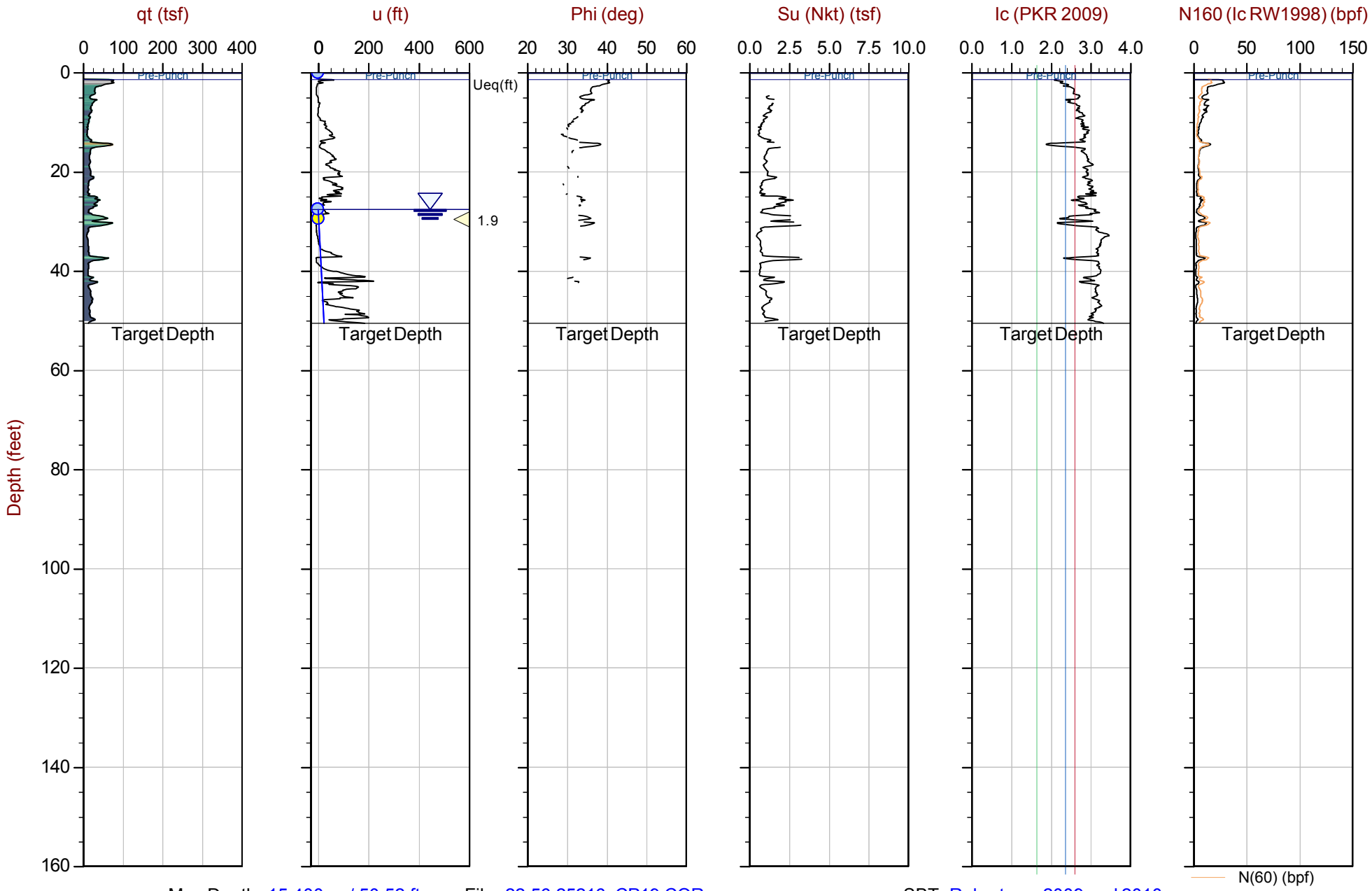
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 11:33
Site: Kaiser San Jose CPT

Sounding: CPT-19
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP19.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121930m E: 606236m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

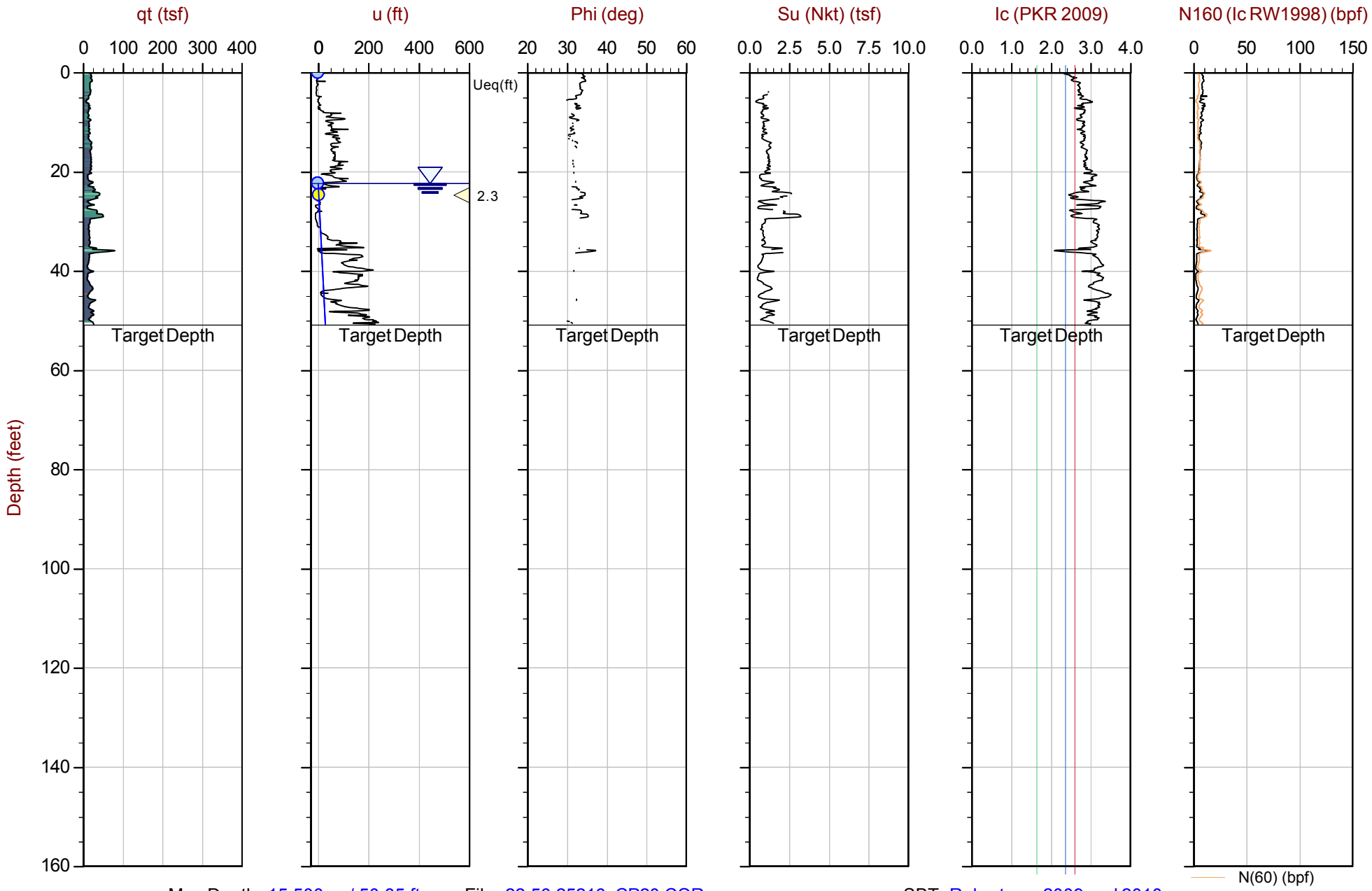
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-26 08:47
Site: Kaiser San Jose CPT

Sounding: CPT-20
Cone: 795:T1500F15U35



Max Depth: 15.500 m / 50.85 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP20.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121898m E: 606192m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

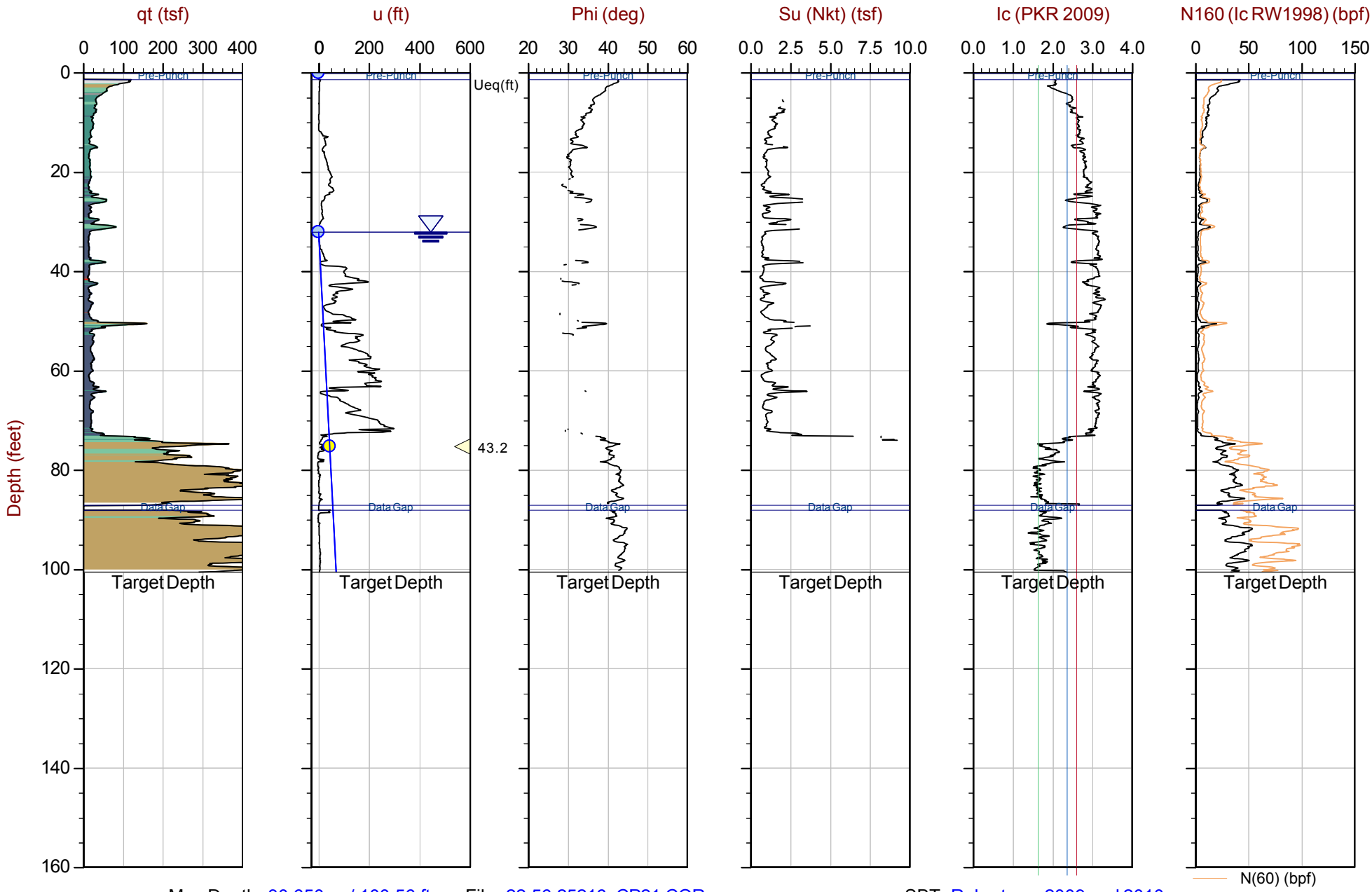
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 07:09
Site: Kaiser San Jose CPT

Sounding: CPT-21
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP21.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121902m E: 606244m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

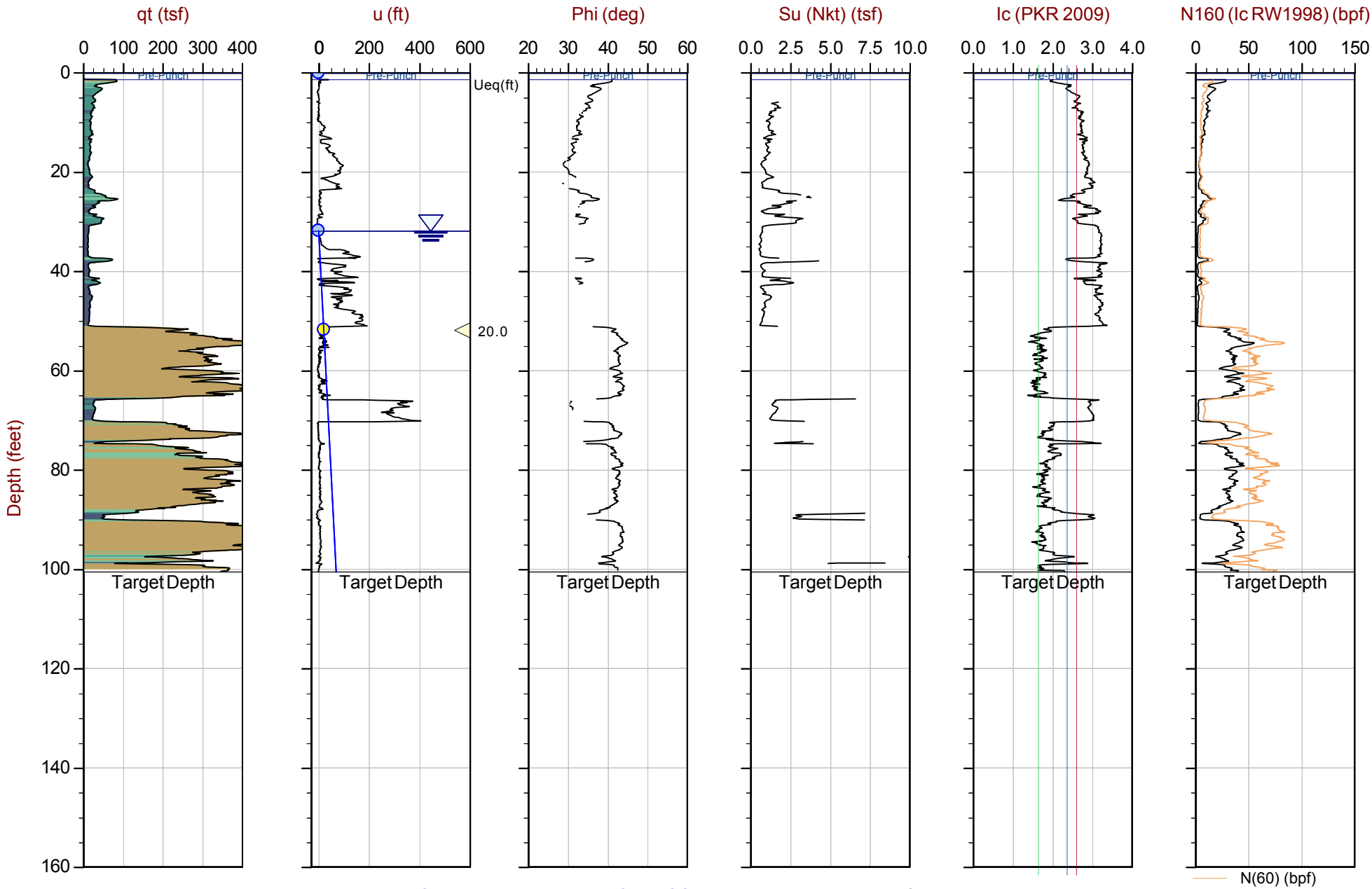
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 08:33
Site: Kaiser San Jose CPT

Sounding: CPT-22
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP22.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121896m E: 606291m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

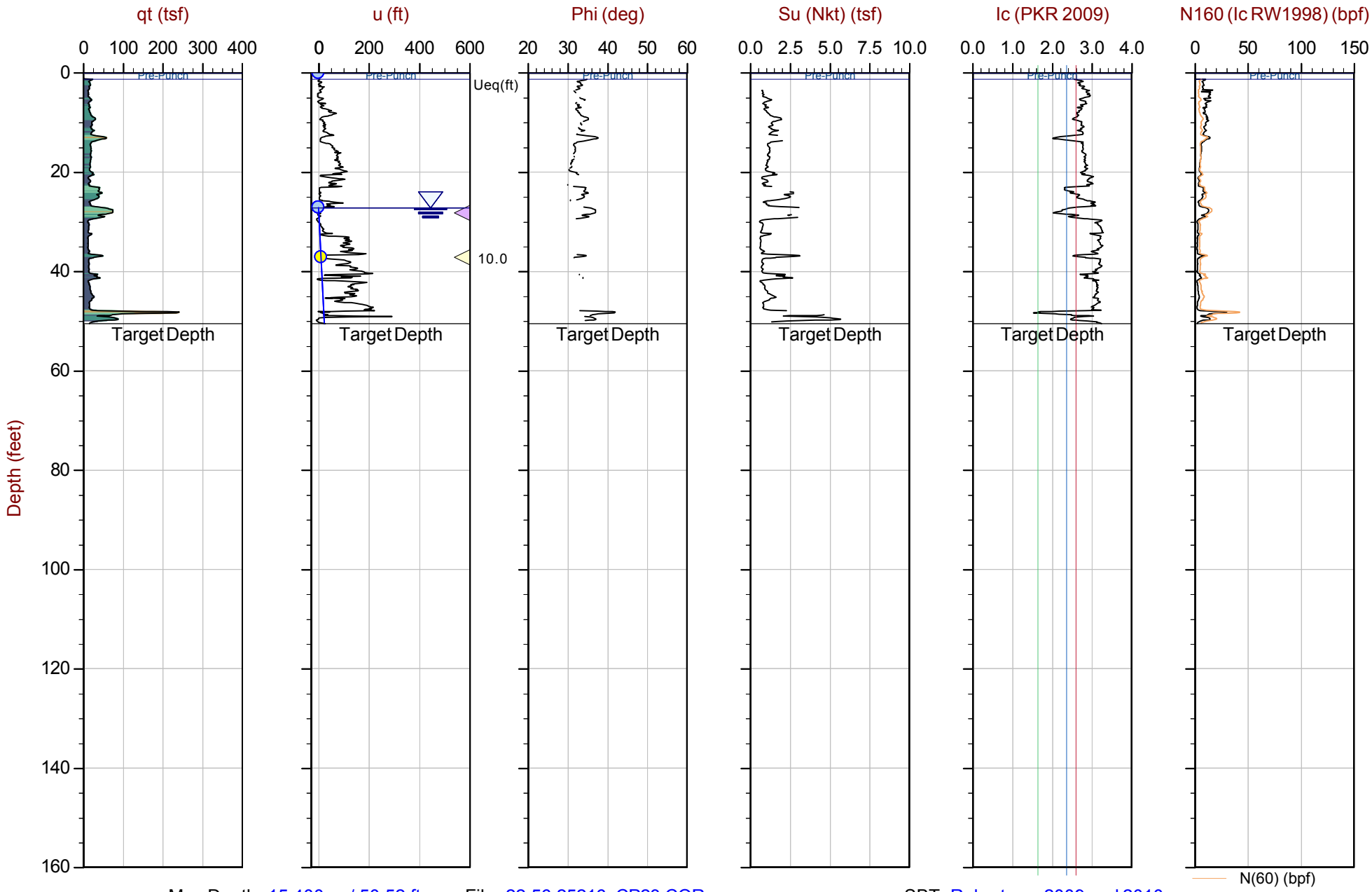
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-16 09:55
Site: Kaiser San Jose CPT

Sounding: CPT-23
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP23.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121902m E: 606315m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

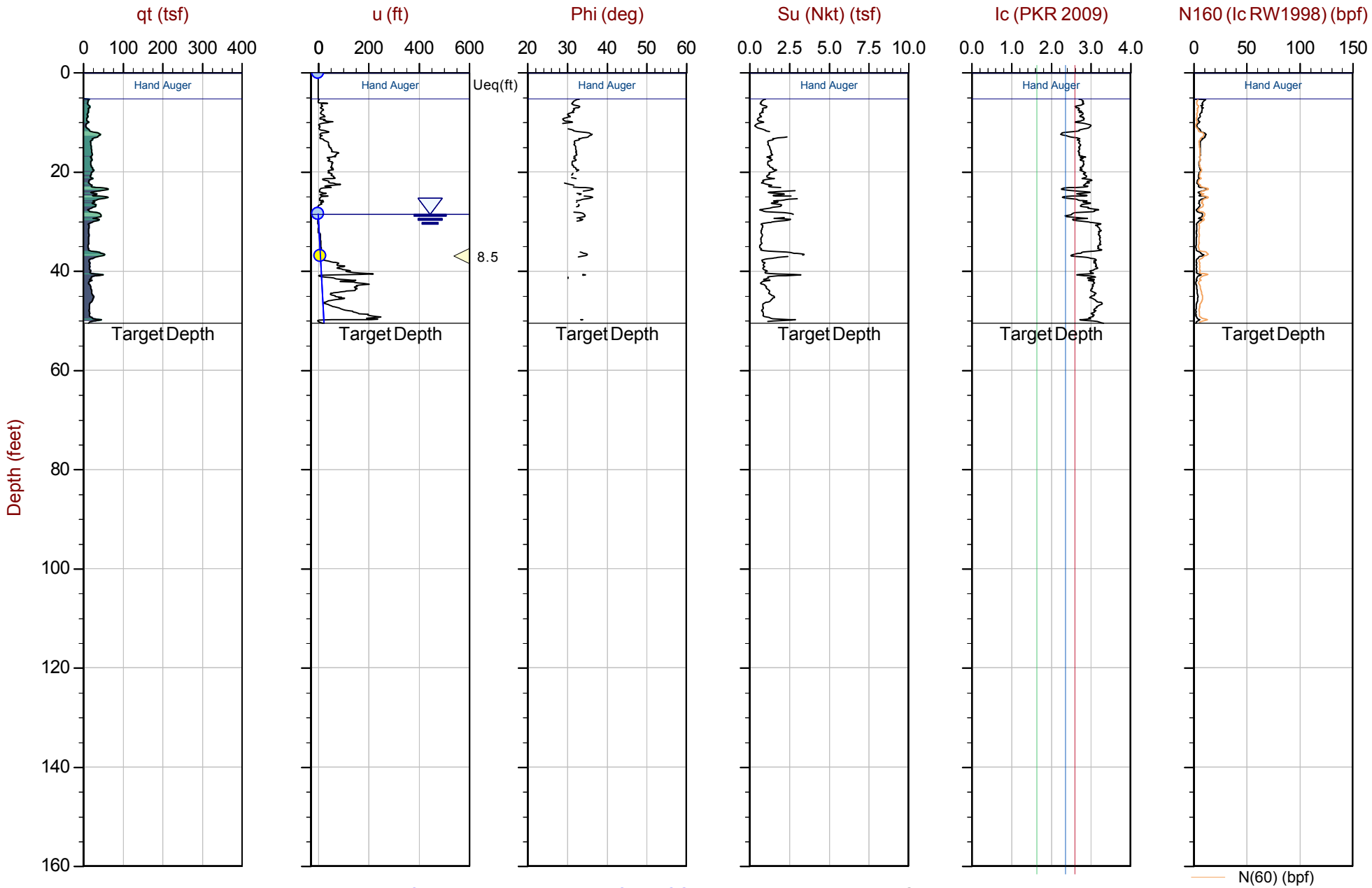
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-18 07:59
Site: Kaiser San Jose CPT

Sounding: CPT-24
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP24.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121872m E: 606265m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

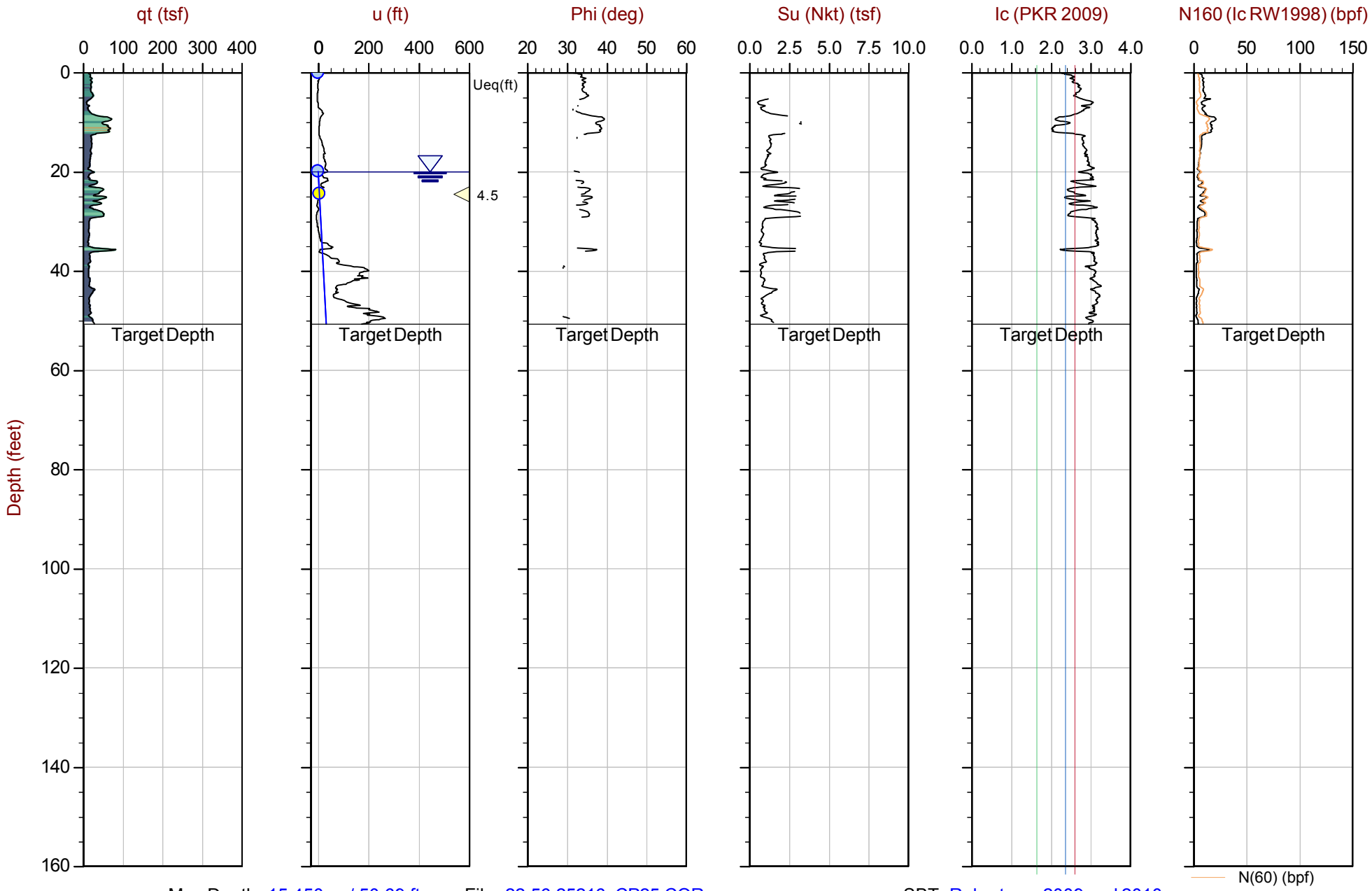
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-26 10:32
Site: Kaiser San Jose CPT

Sounding: CPT-25
Cone: 795:T1500F15U35



Max Depth: 15.450 m / 50.69 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP25.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121860m E: 606219m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

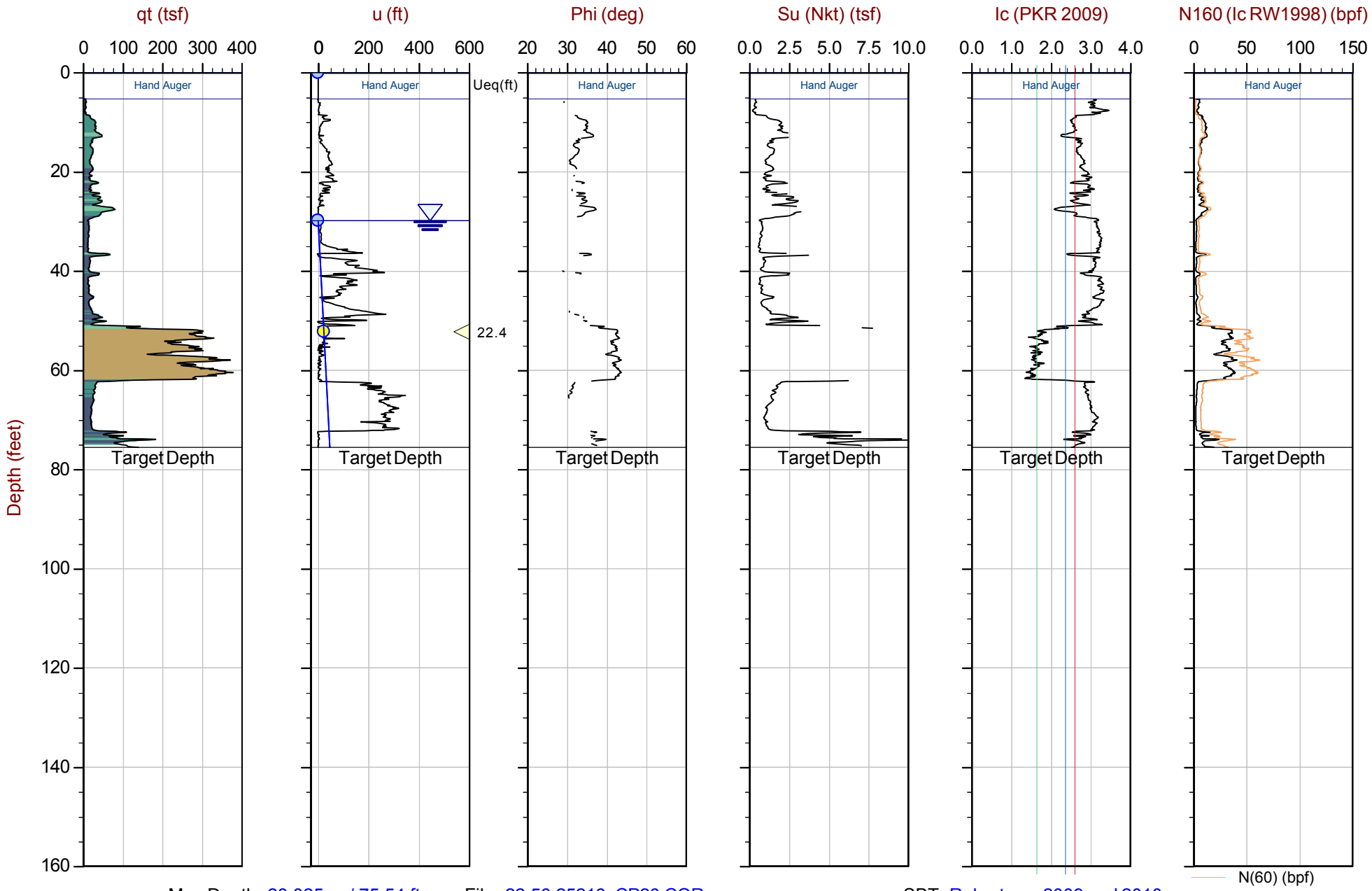
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-18 09:28
Site: Kaiser San Jose CPT

Sounding: CPT-26
Cone: 815:T1500F15U35



Max Depth: 23.025 m / 75.54 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP26.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121864m E: 606292m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

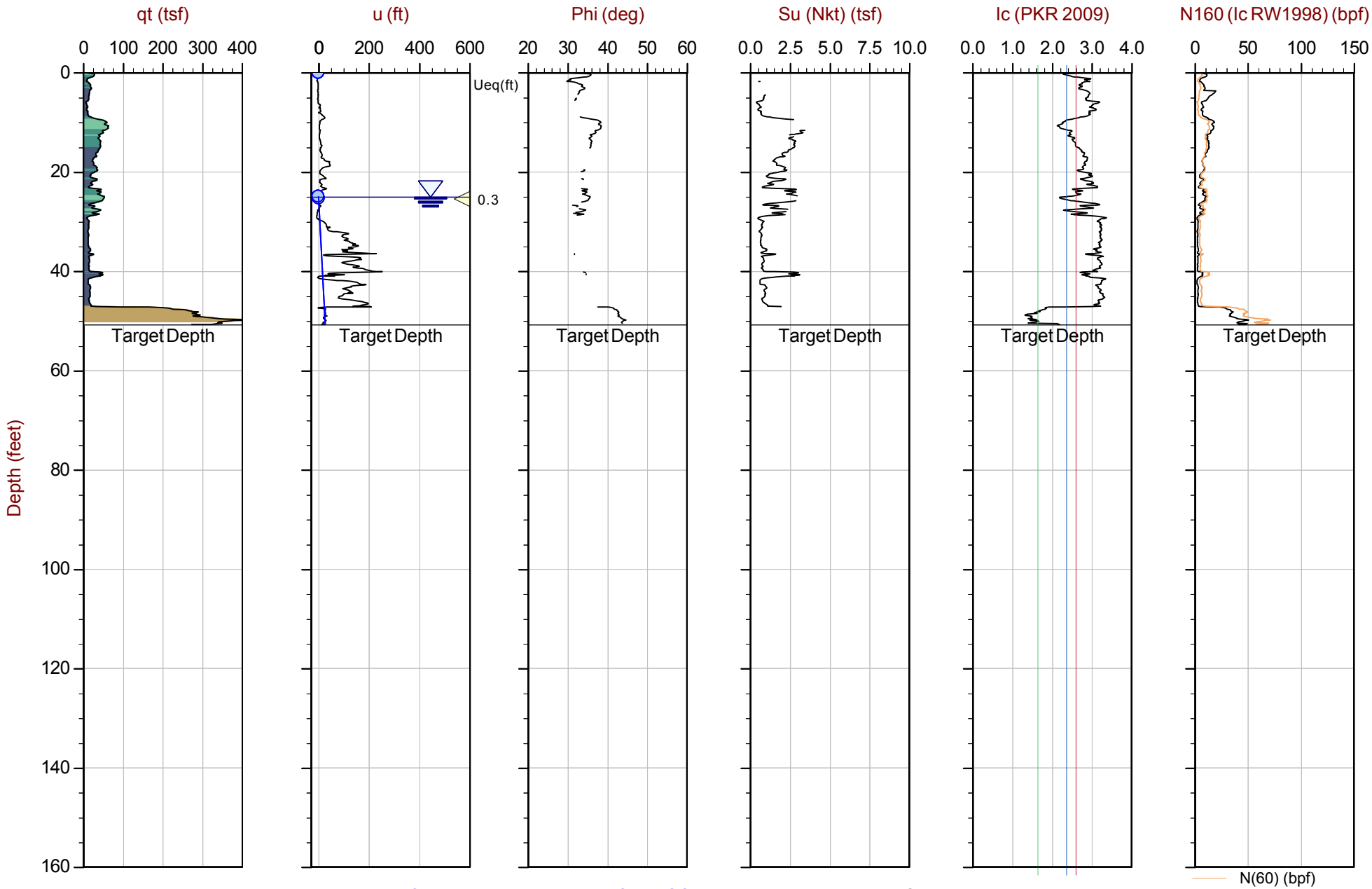
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-26 11:41
Site: Kaiser San Jose CPT

Sounding: CPT-27
Cone: 795:T1500F15U35



Max Depth: 15.475 m / 50.77 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP27.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121873m E: 606232m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

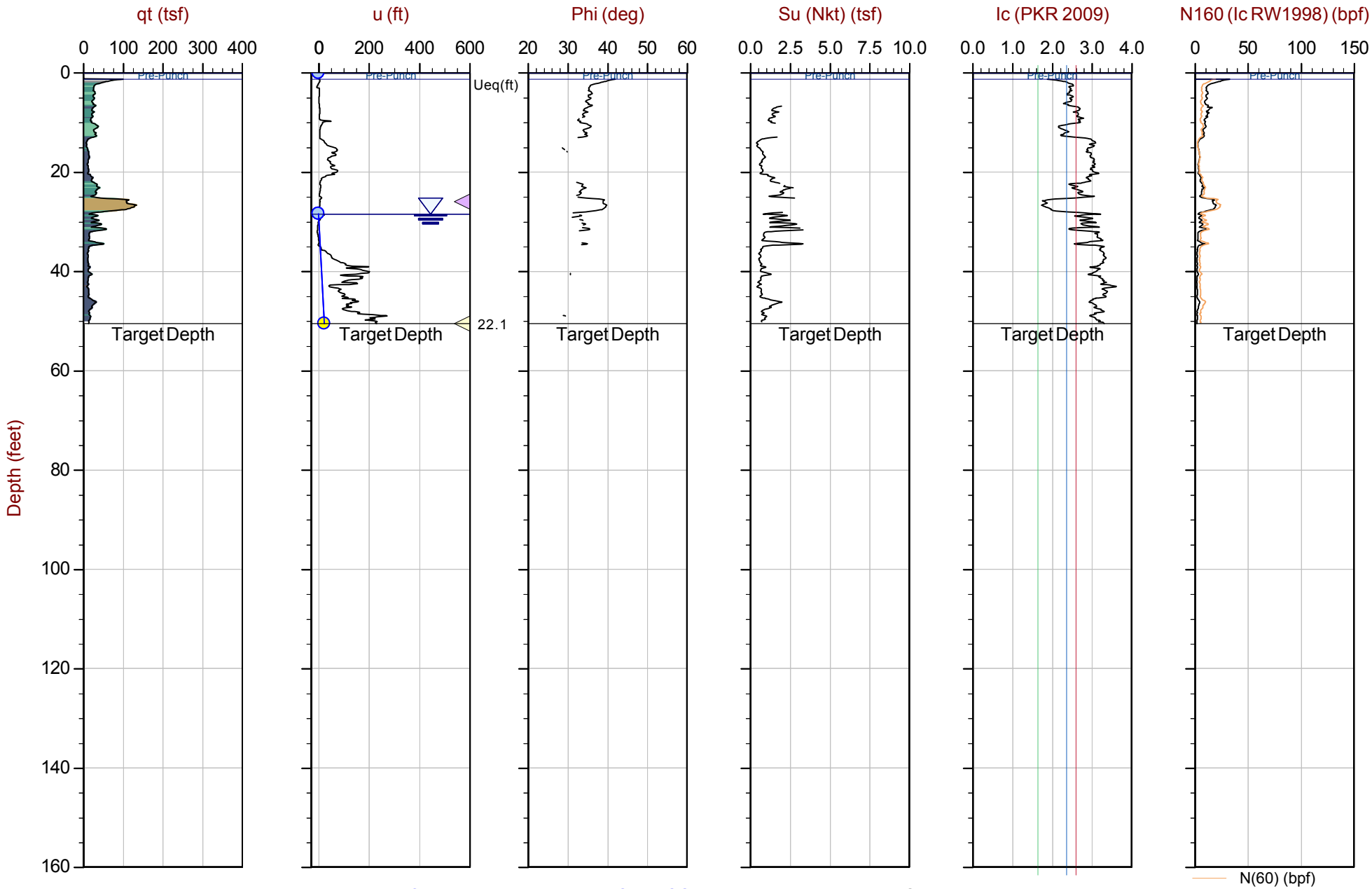
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 07:34
Site: Kaiser San Jose CPT

Sounding: CPT-28
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP28.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121956m E: 606361m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

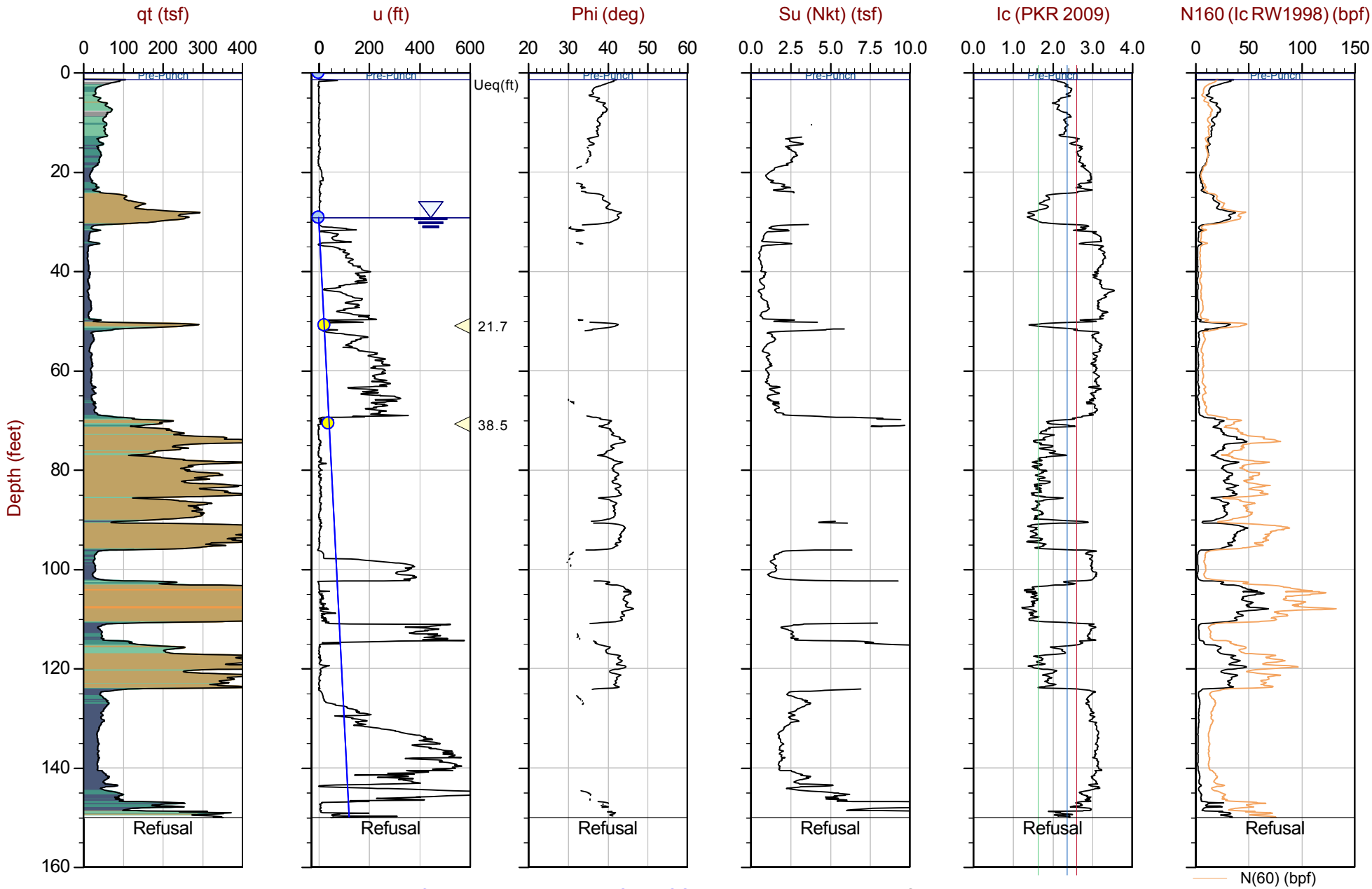
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 12:26
Site: Kaiser San Jose CPT

Sounding: CPT-29
Cone: 815:T1500F15U35



Max Depth: 45.750 m / 150.10 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP29.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121927m E: 606370m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

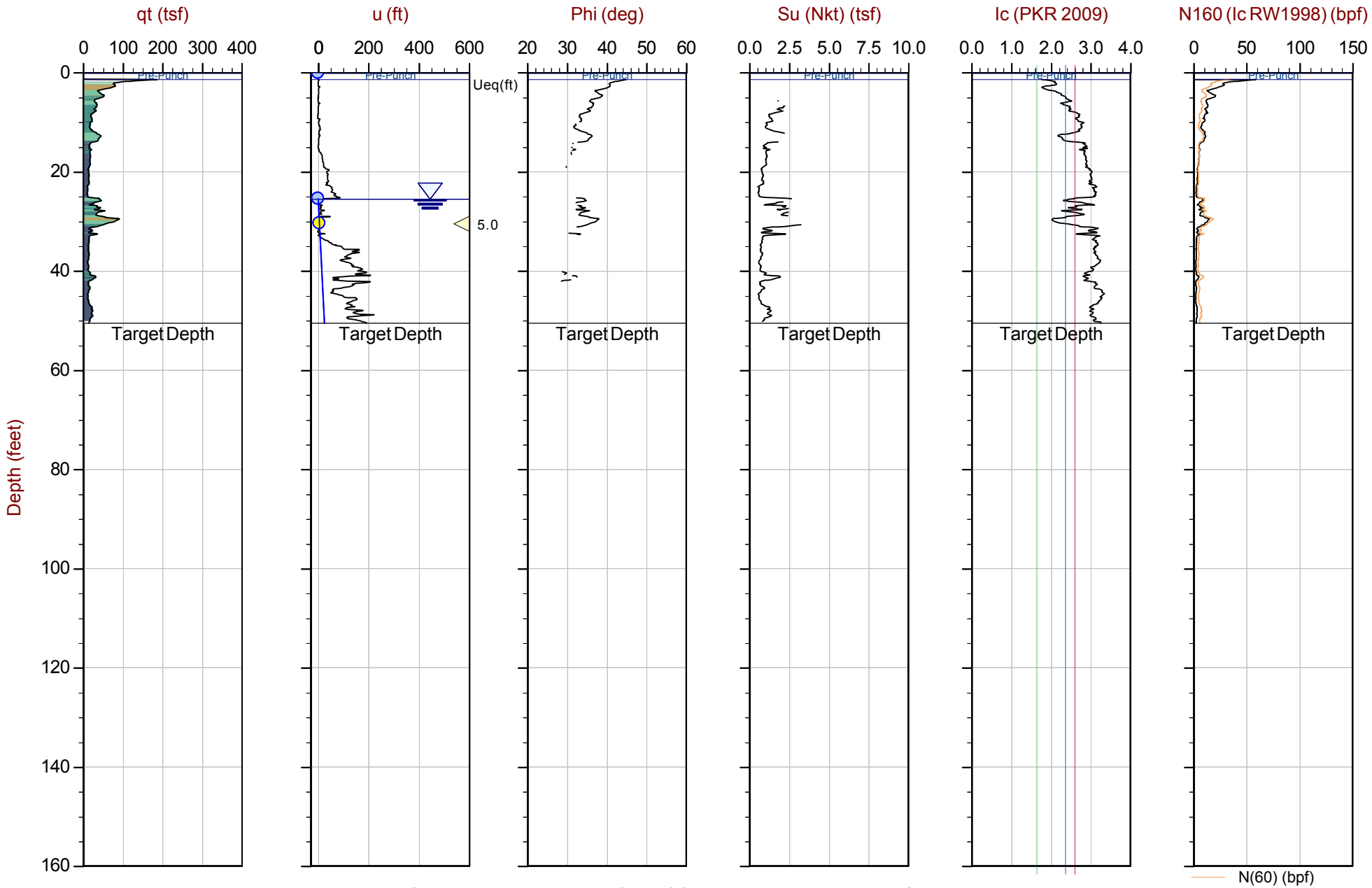
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 11:30
Site: Kaiser San Jose CPT

Sounding: CPT-30
Cone: 815:T1500F15U35



Max Depth: 15.400 m / 50.52 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_CP30.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121921m E: 606424m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

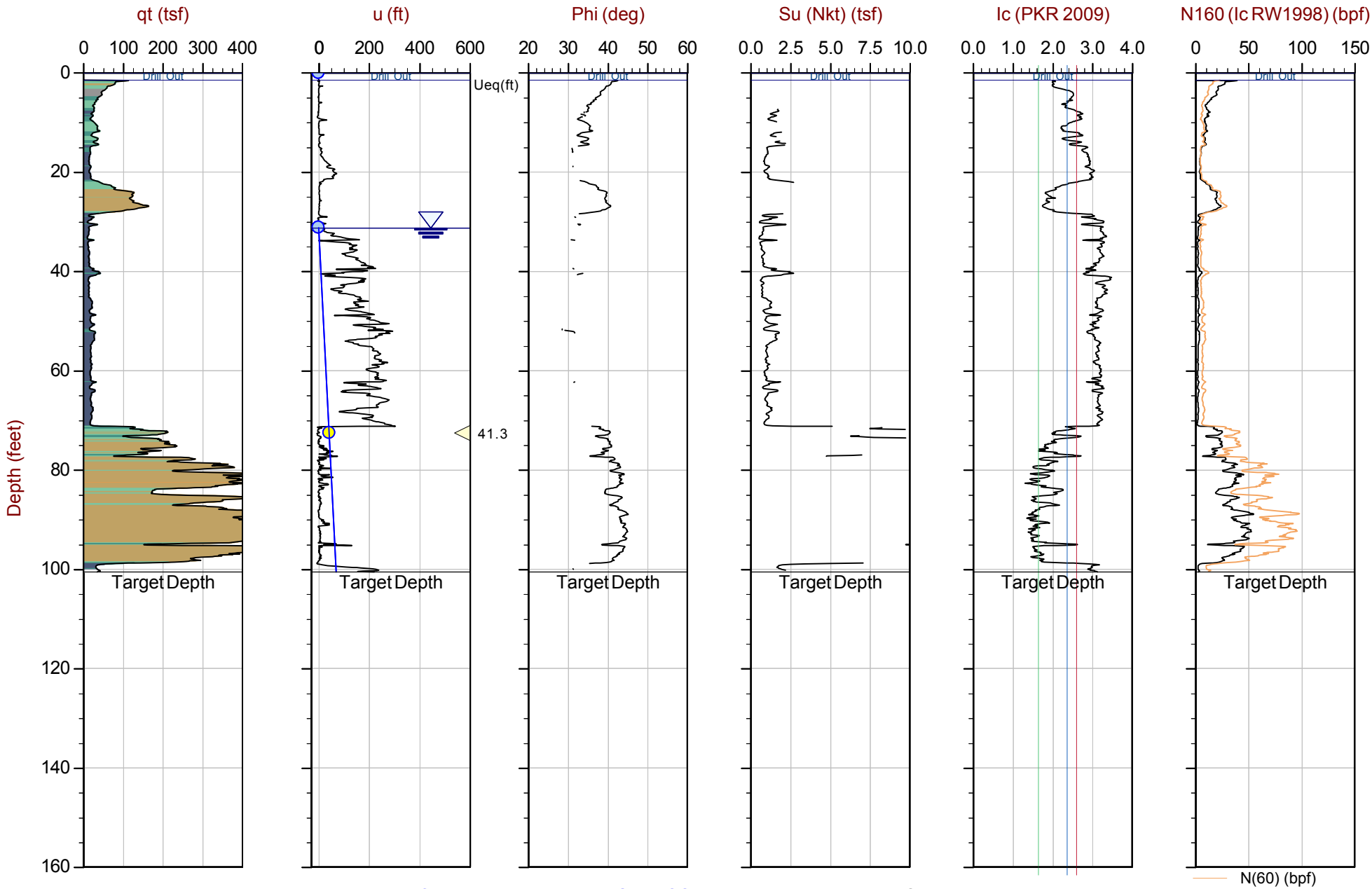
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 09:03
Site: Kaiser San Jose CPT

Sounding: CPT-31
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP31.COR
Unit Wt: SBTQtn (PKR2009)
Su Nkt: 15.0

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121880m E: 606423m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

Soil Behavior Type (SBT) Scatter Plots

CONETEC

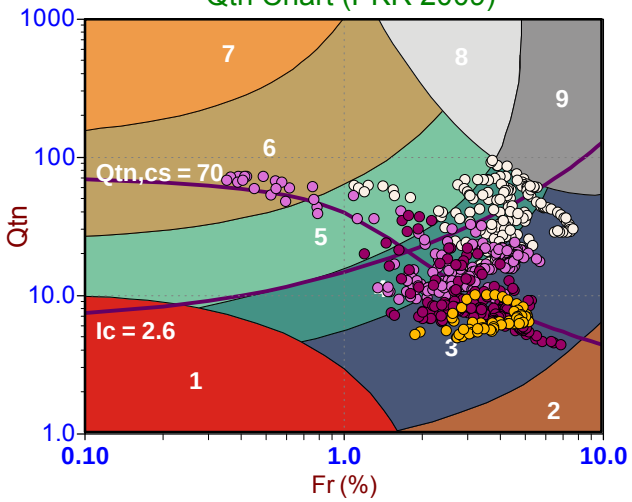
CONETEC

Langan Engineering

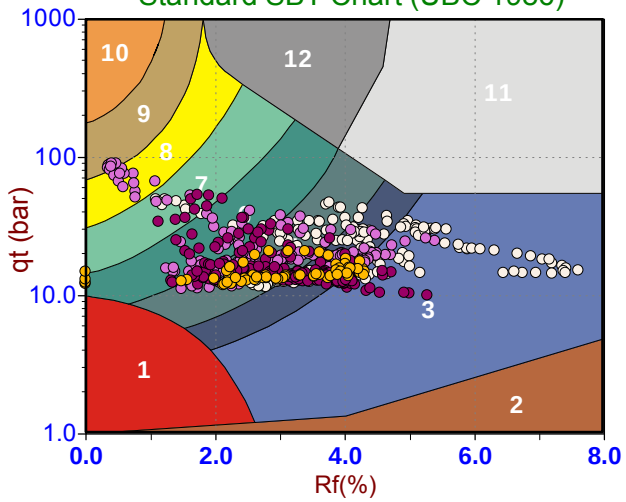
Job No: 22-56-25216
Date: 2023-01-09 07:48
Site: Kaiser San Jose CPT

Sounding: CPT-01
Cone: 815:T1500F15U35

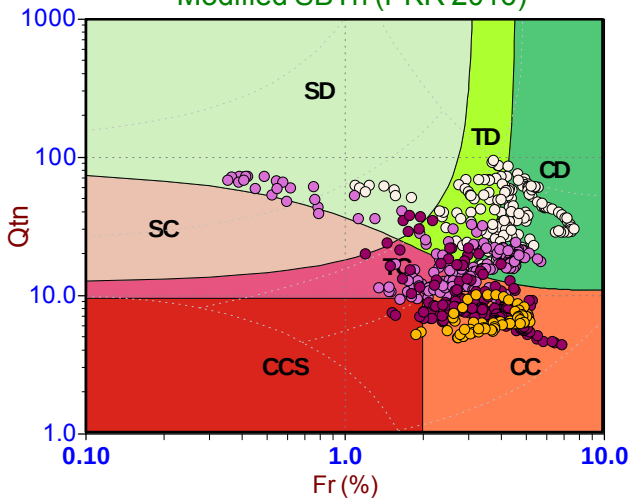
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

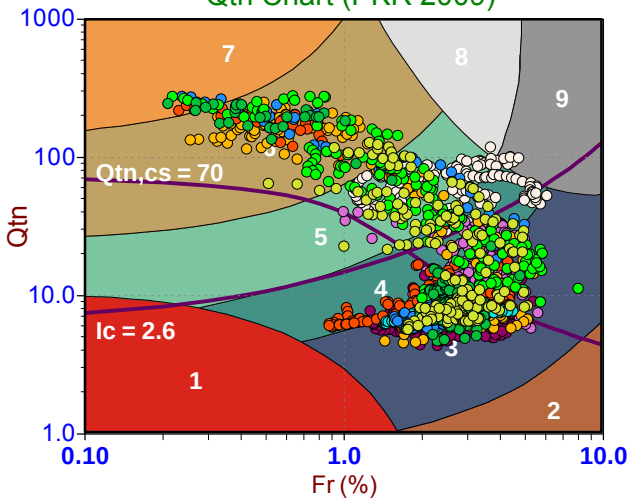
CONETEC

Langan Engineering

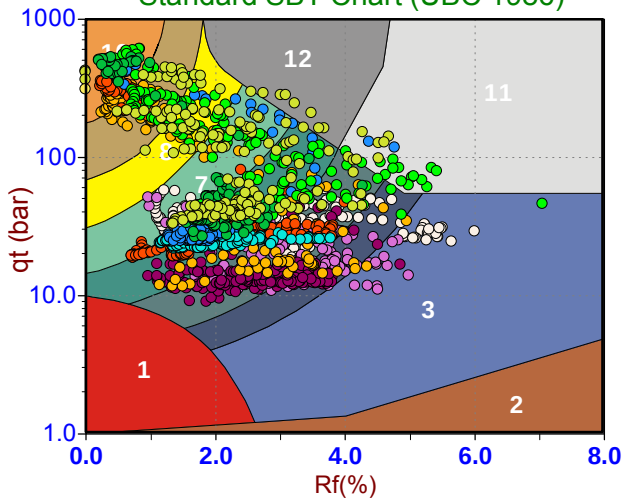
Job No: 22-56-25216
Date: 2023-01-09 09:39
Site: Kaiser San Jose CPT

Sounding: CPT-02
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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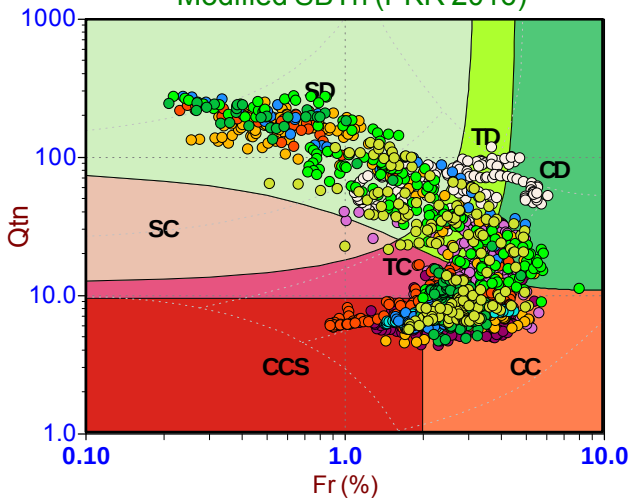


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

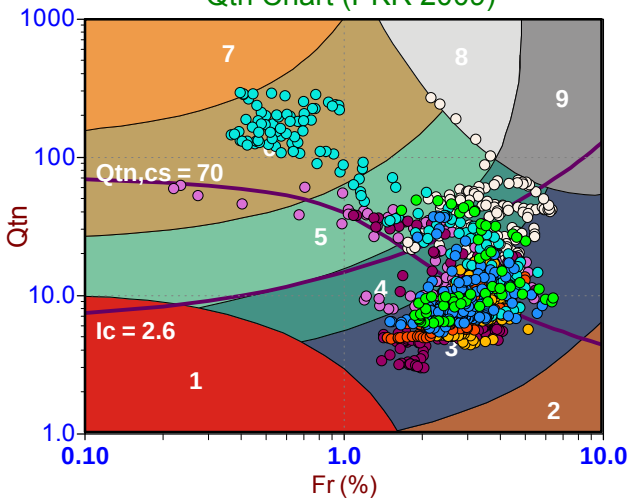
CONETEC

Langan Engineering

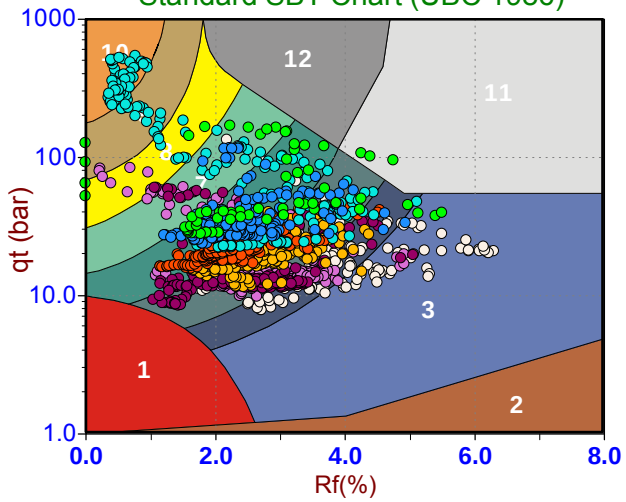
Job No: 22-56-25216
Date: 2023-01-09 13:54
Site: Kaiser San Jose CPT

Sounding: CPT-03
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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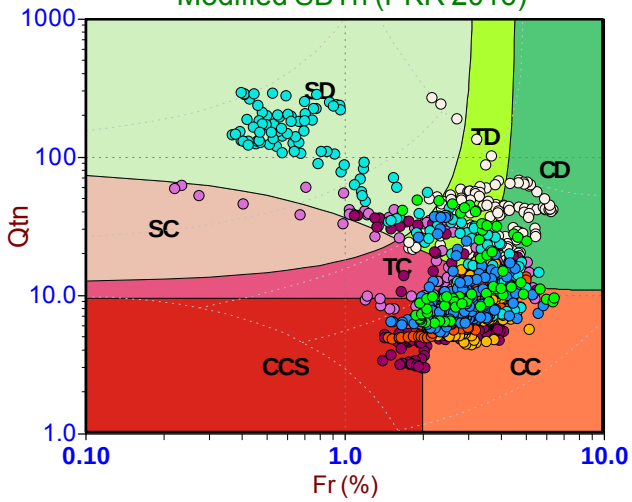


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

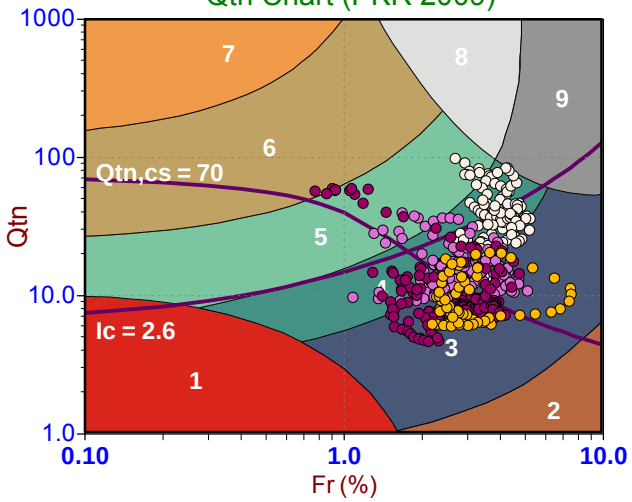
CONETEC

Langan Engineering

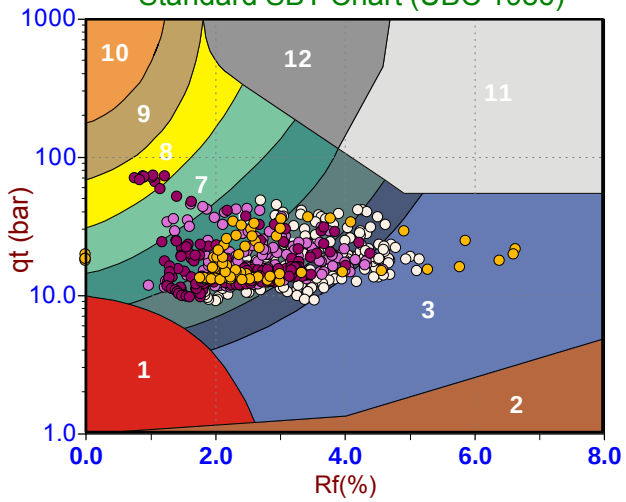
Job No: 22-56-25216
Date: 2023-01-09 12:24
Site: Kaiser San Jose CPT

Sounding: CPT-04
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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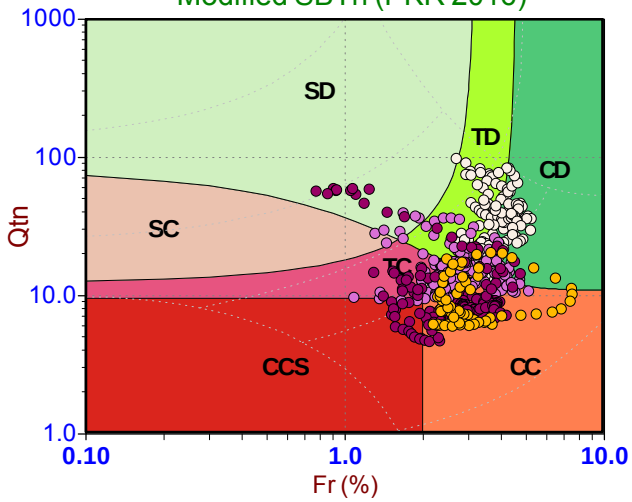


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

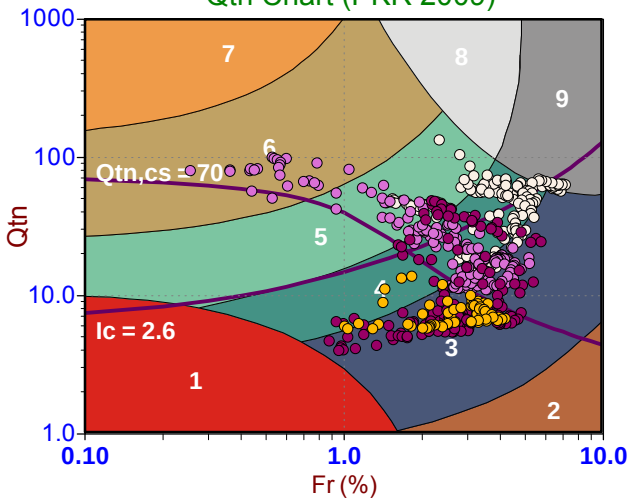
CONETEC

Langan Engineering

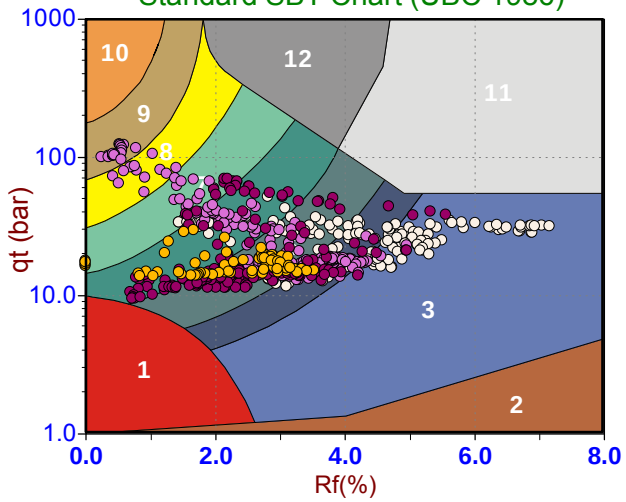
Job No: 22-56-25216
Date: 2023-01-10 09:29
Site: Kaiser San Jose CPT

Sounding: CPT-05
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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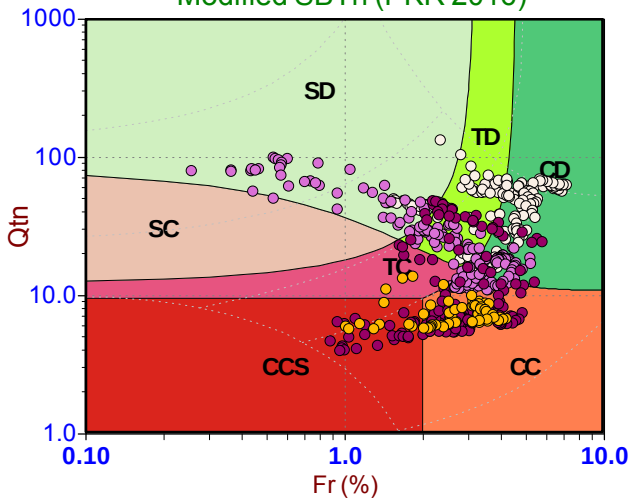


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

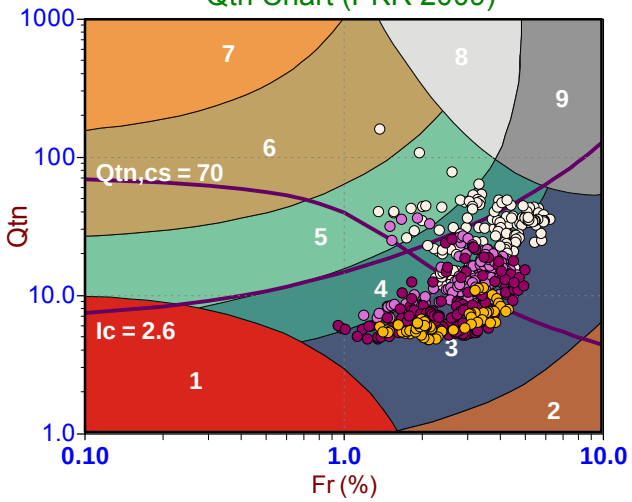
CONETEC

Langan Engineering

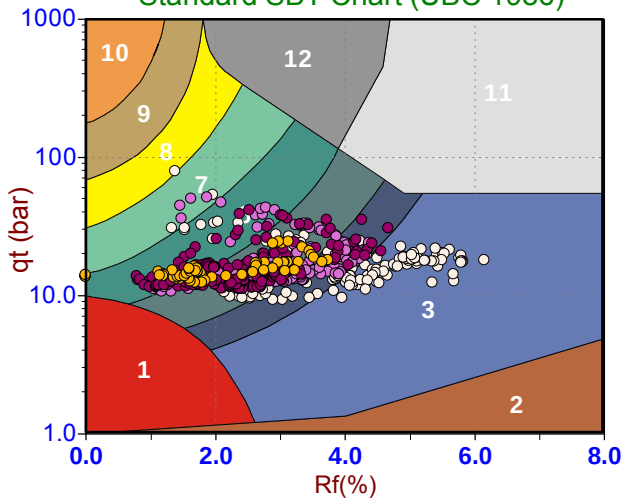
Job No: 22-56-25216
Date: 2023-01-10 13:12
Site: Kaiser San Jose CPT

Sounding: CPT-06
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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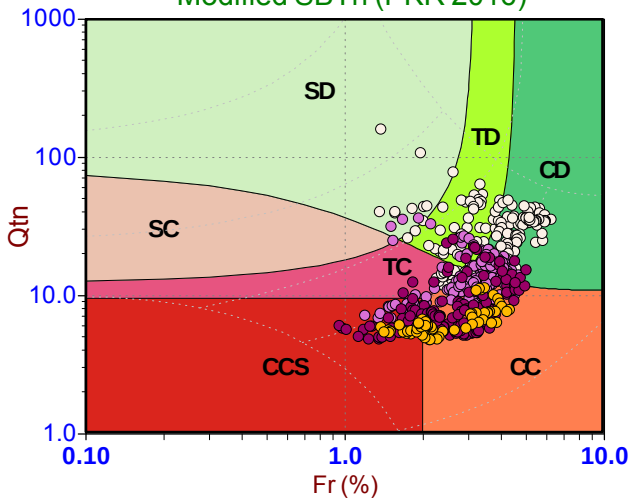


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

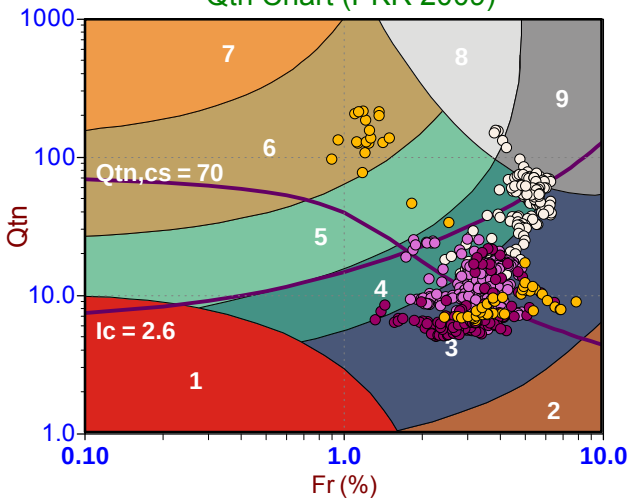
CONETEC

Langan Engineering

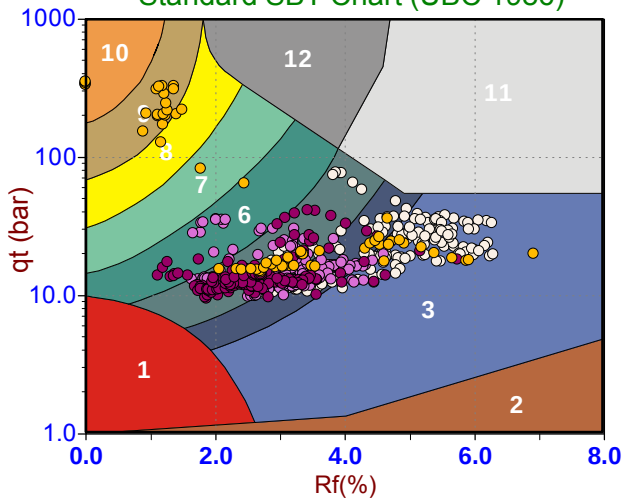
Job No: 22-56-25216
Date: 2023-01-10 11:53
Site: Kaiser San Jose CPT

Sounding: CPT-07
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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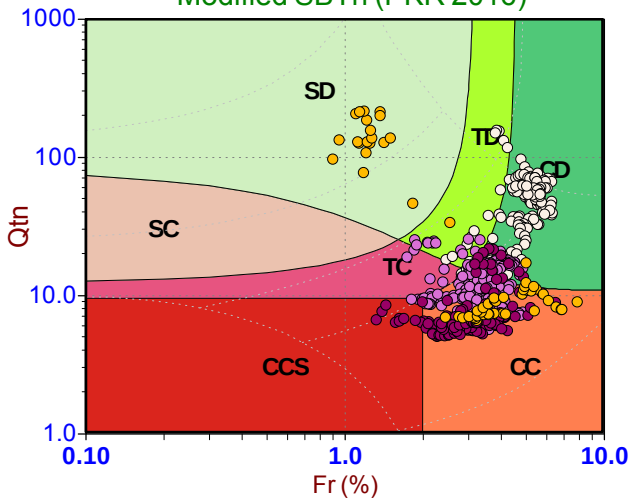


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

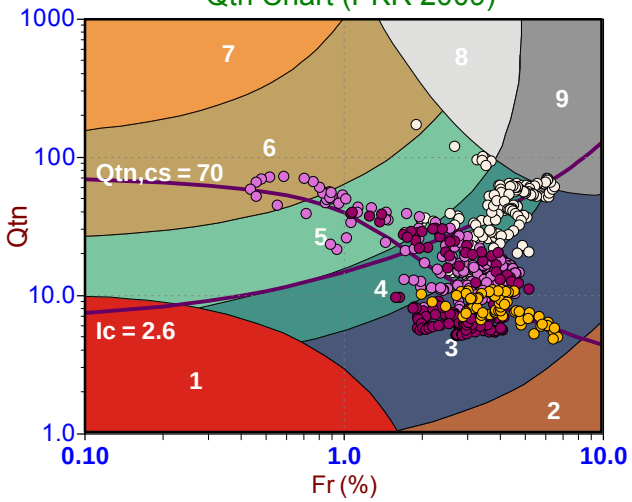
CONETEC

Langan Engineering

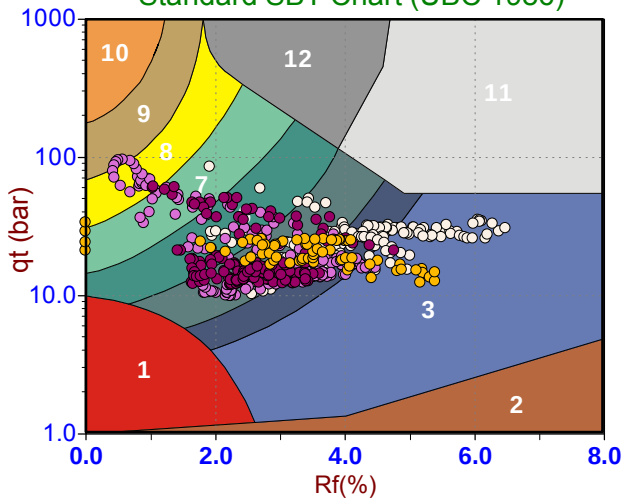
Job No: 22-56-25216
Date: 2023-01-10 07:39
Site: Kaiser San Jose CPT

Sounding: CPT-08
Cone: 815:T1500F15U35

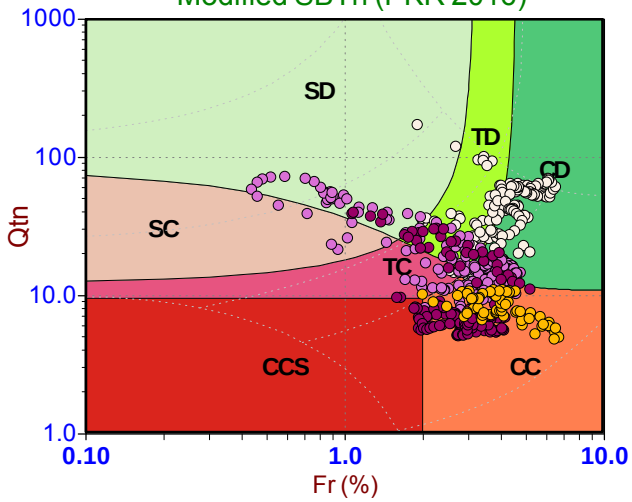
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

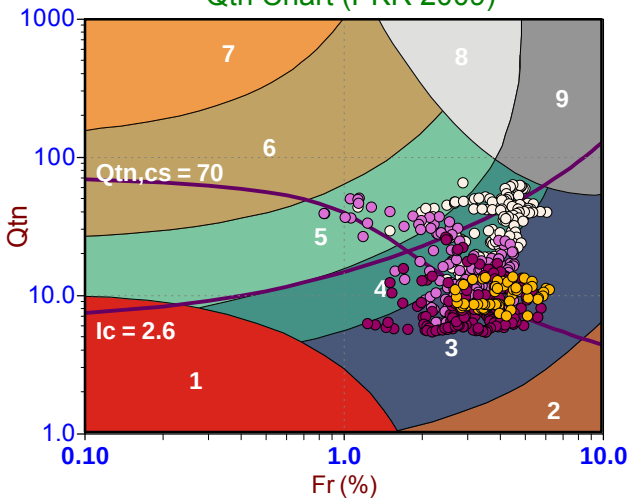
CONETEC

Langan Engineering

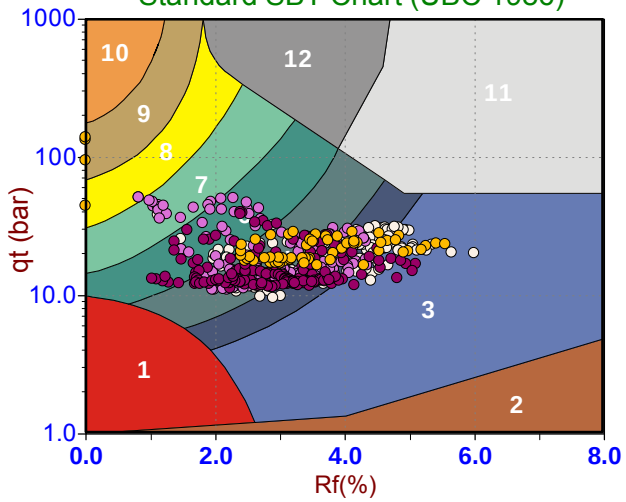
Job No: 22-56-25216
Date: 2023-01-11 07:30
Site: Kaiser San Jose CPT

Sounding: CPT-09
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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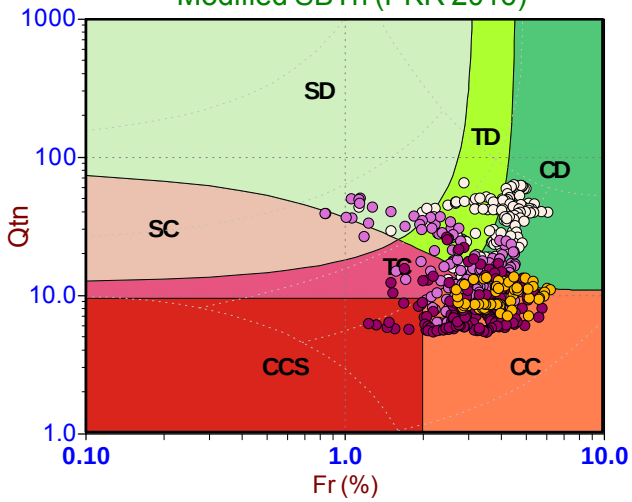


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

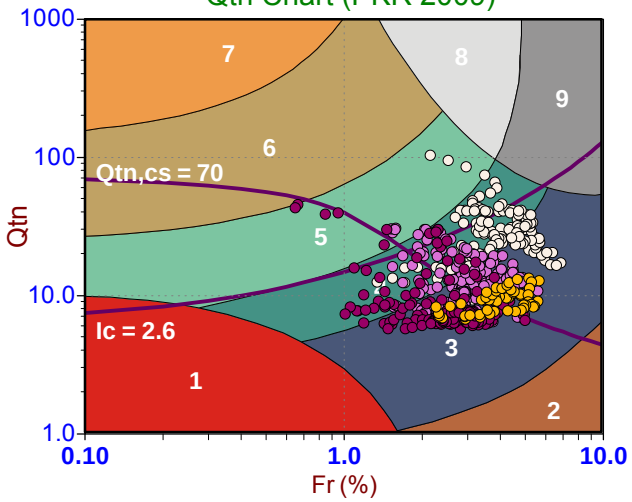
CONETEC

Langan Engineering

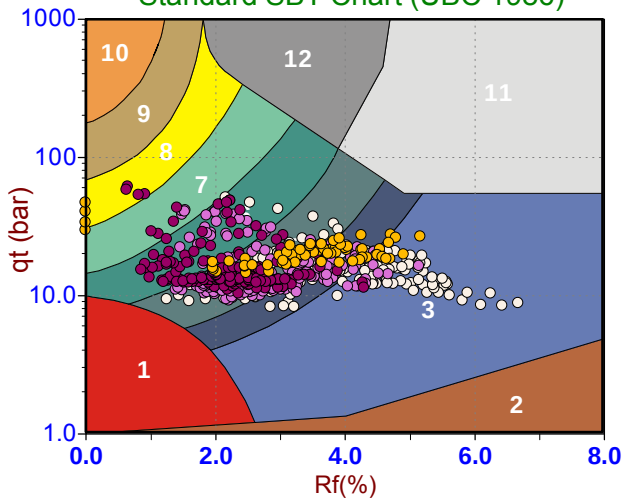
Job No: 22-56-25216
Date: 2023-01-10 10:37
Site: Kaiser San Jose CPT

Sounding: CPT-10
Cone: 815:T1500F15U35

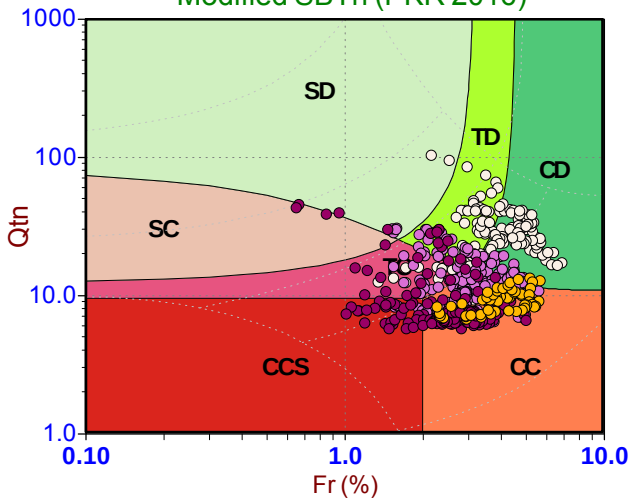
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

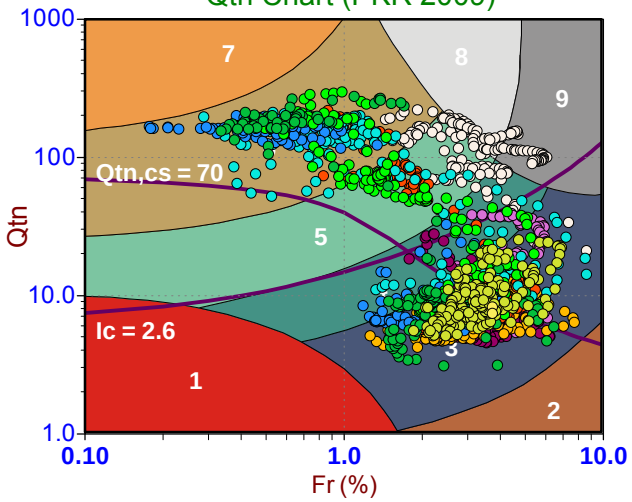
CONETEC

Langan Engineering

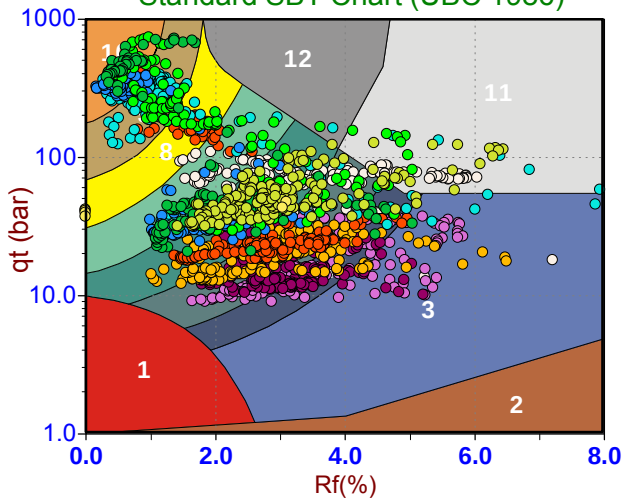
Job No: 22-56-25216
Date: 2023-01-11 10:08
Site: Kaiser San Jose CPT

Sounding: CPT-11
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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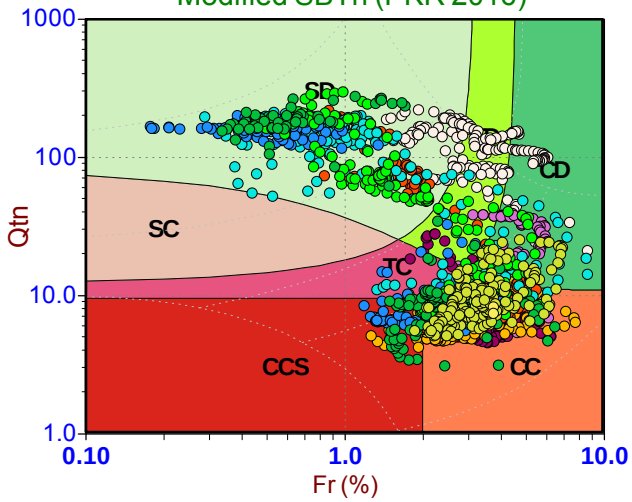


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

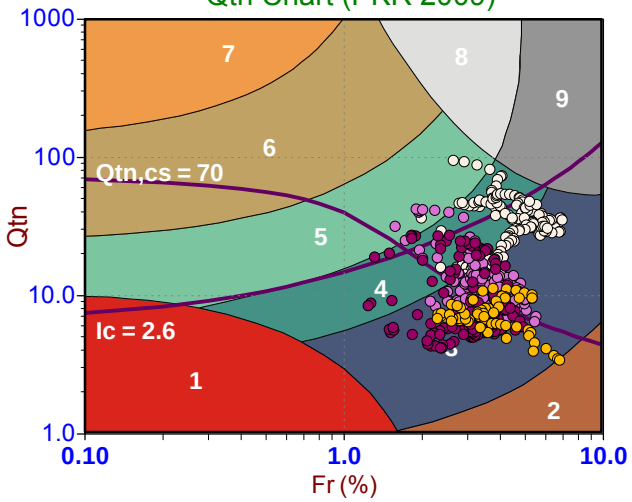
CONETEC

Langan Engineering

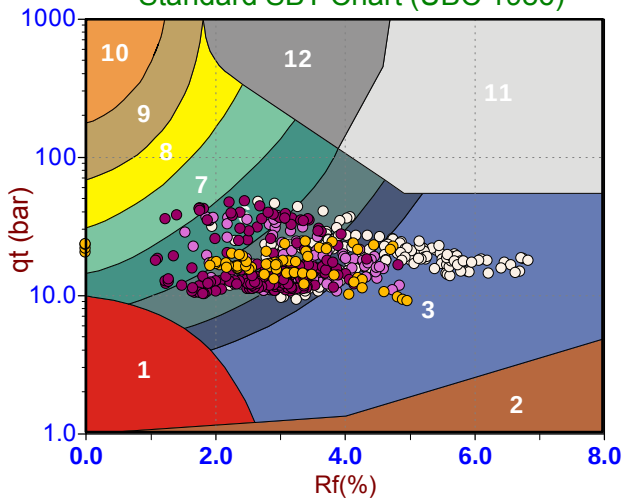
Job No: 22-56-25216
Date: 2023-01-11 13:36
Site: Kaiser San Jose CPT

Sounding: CPT-12
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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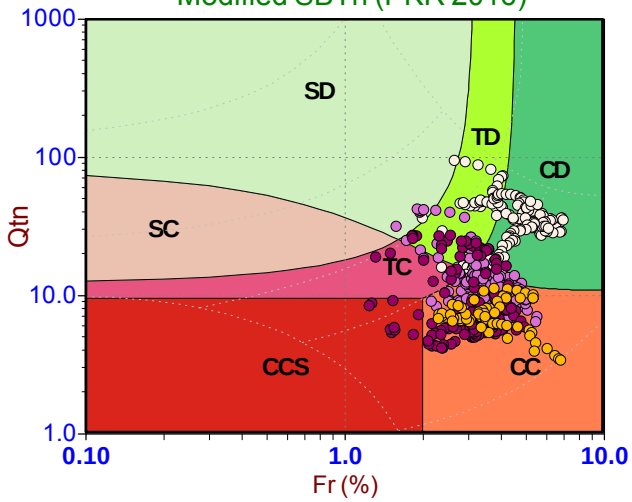


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

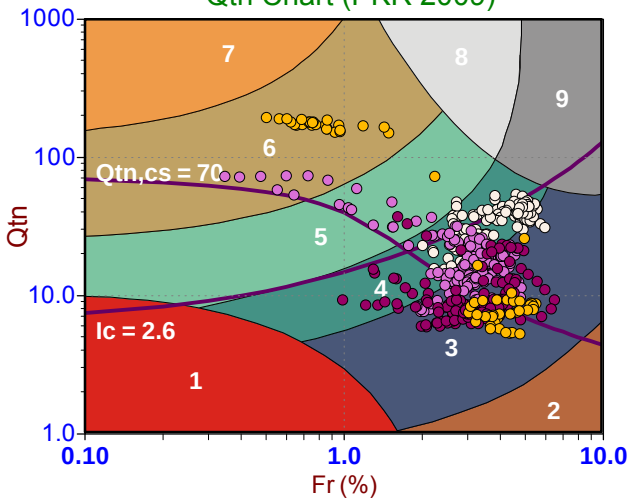
CONETEC

Langan Engineering

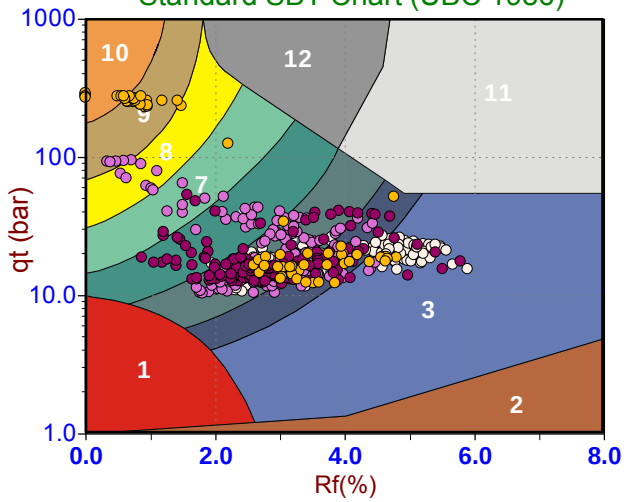
Job No: 22-56-25216
Date: 2023-01-12 07:19
Site: Kaiser San Jose CPT

Sounding: CPT-13
Cone: 815:T1500F15U35

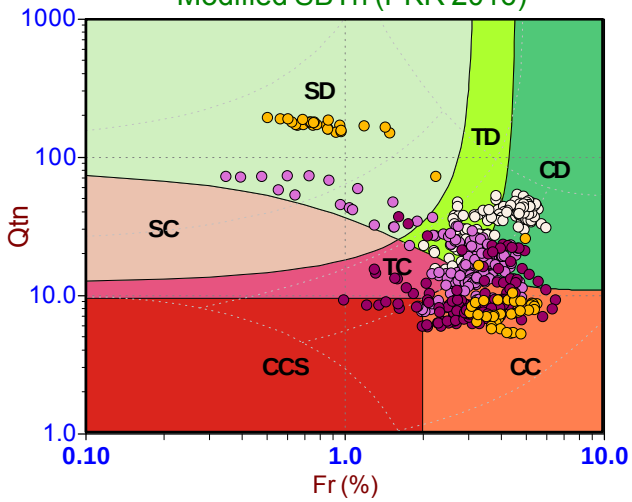
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

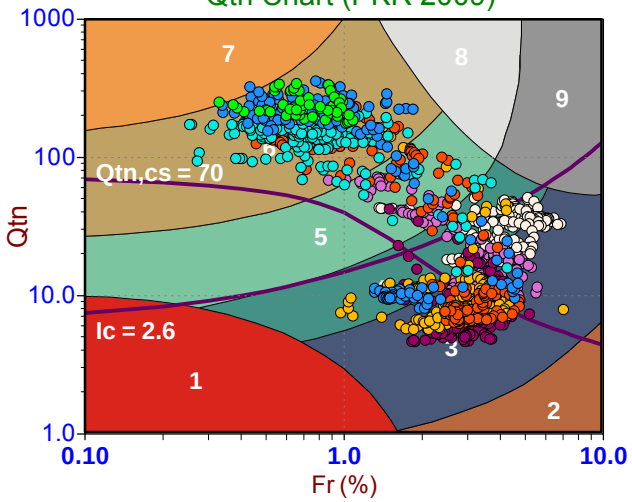
CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 10:25
Site: Kaiser San Jose CPT

Sounding: CPT-14
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



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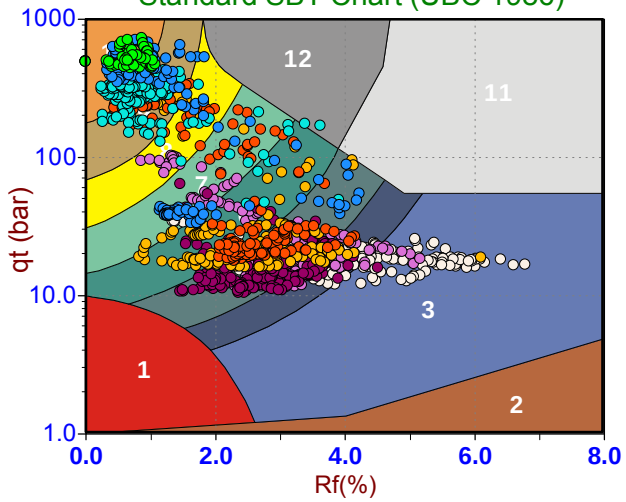

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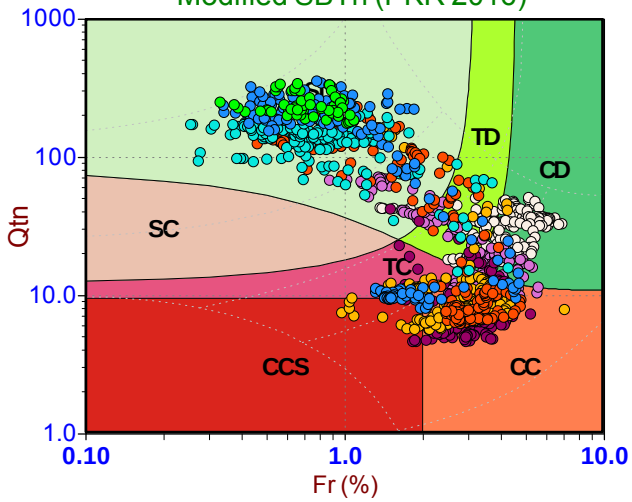


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

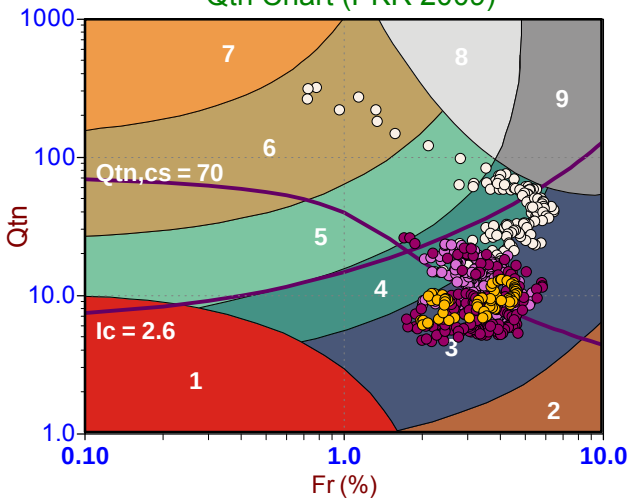
CONETEC

Langan Engineering

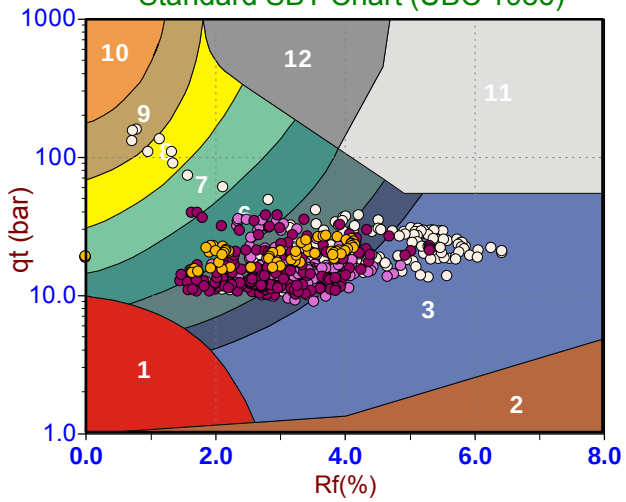
Job No: 22-56-25216
Date: 2023-01-11 12:07
Site: Kaiser San Jose CPT

Sounding: CPT-15
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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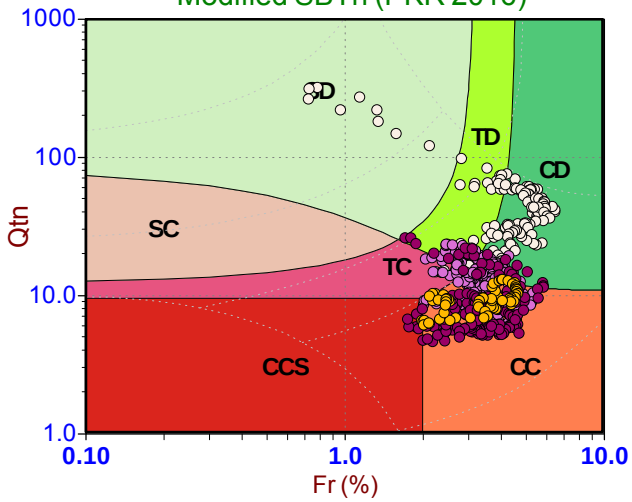


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

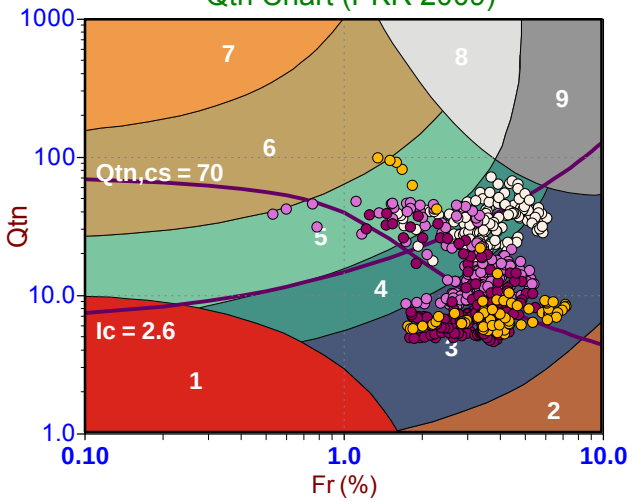
CONETEC

Langan Engineering

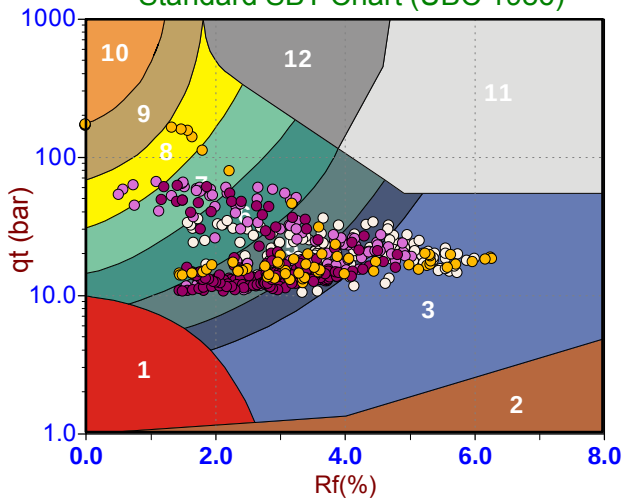
Job No: 22-56-25216
Date: 2023-01-12 09:24
Site: Kaiser San Jose CPT

Sounding: CPT-16
Cone: 815:T1500F15U35

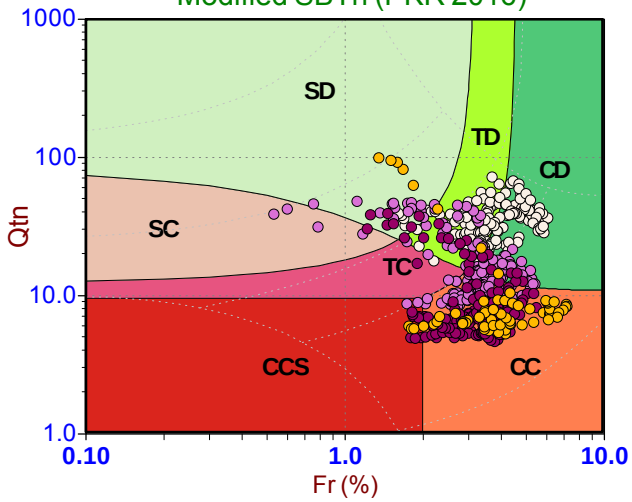
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

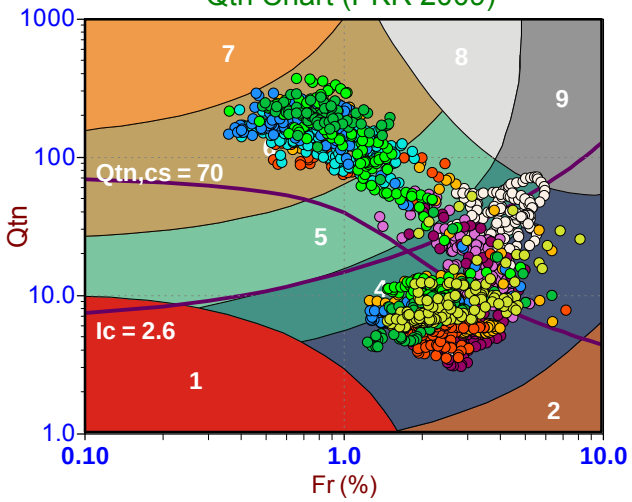
CONETEC

Langan Engineering

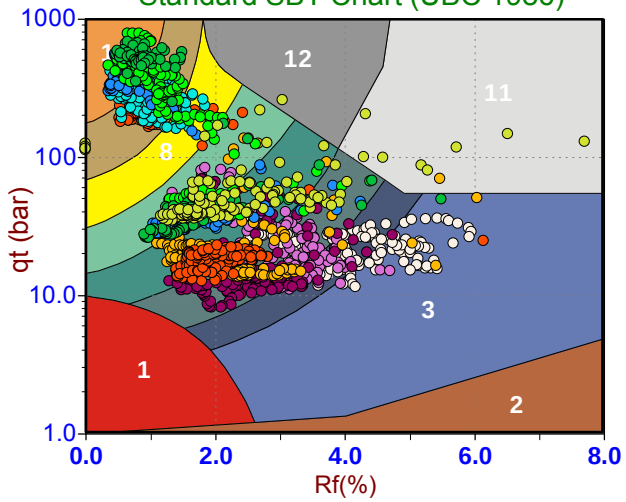
Job No: 22-56-25216
Date: 2023-01-12 13:04
Site: Kaiser San Jose CPT

Sounding: CPT-17
Cone: 815:T1500F15U35

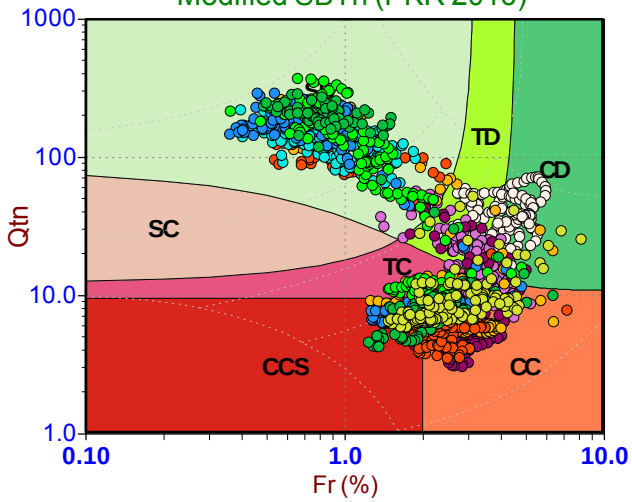
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

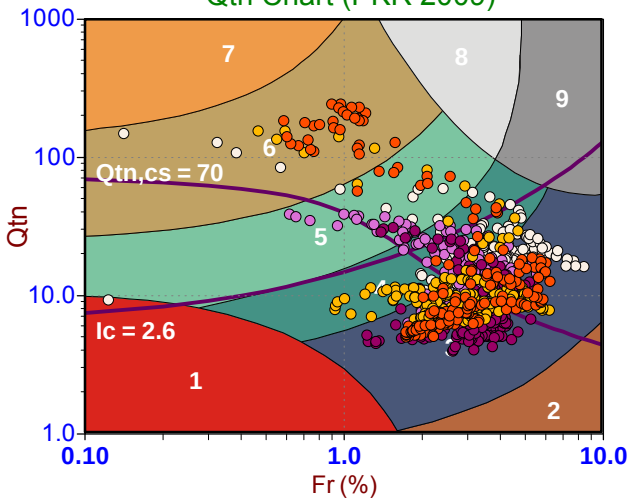
CONETEC

Langan Engineering

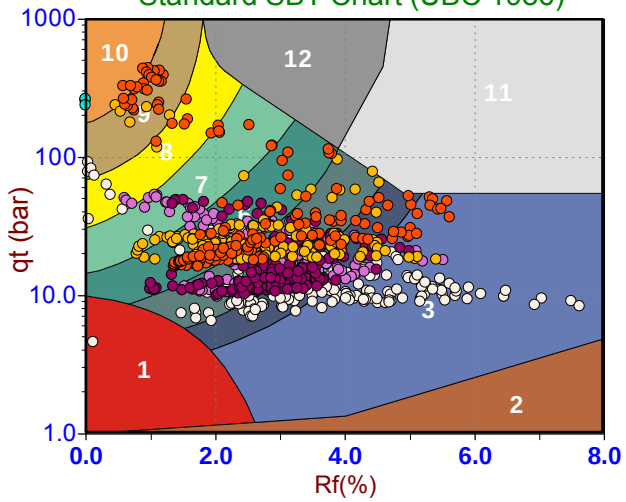
Job No: 22-56-25216
Date: 2023-01-16 13:03
Site: Kaiser San Jose CPT

Sounding: CPT-18
Cone: 815:T1500F15U35

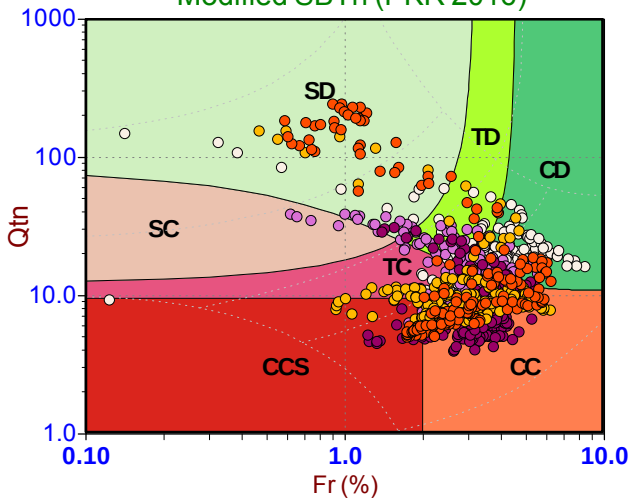
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

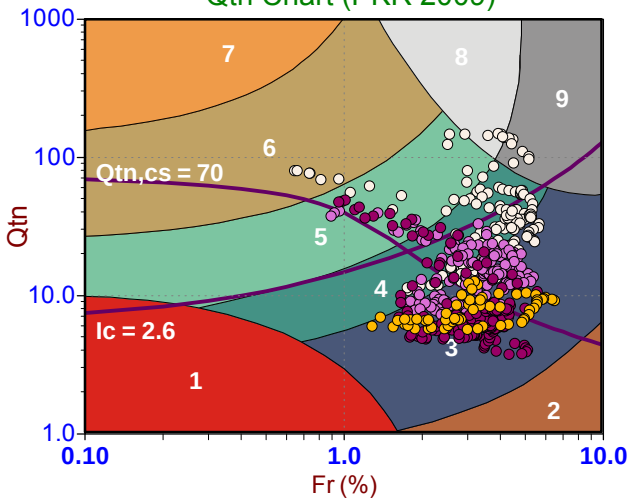
CONETEC

Langan Engineering

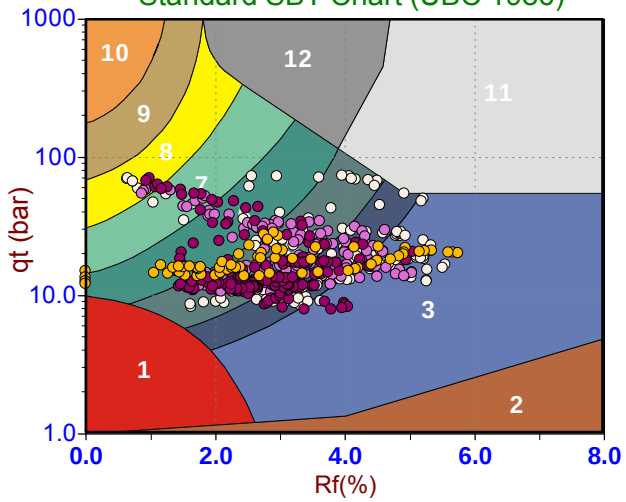
Job No: 22-56-25216
Date: 2023-01-16 11:33
Site: Kaiser San Jose CPT

Sounding: CPT-19
Cone: 815:T1500F15U35

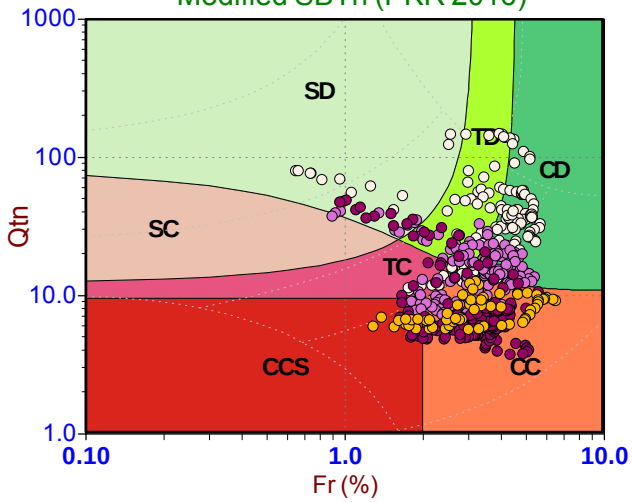
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

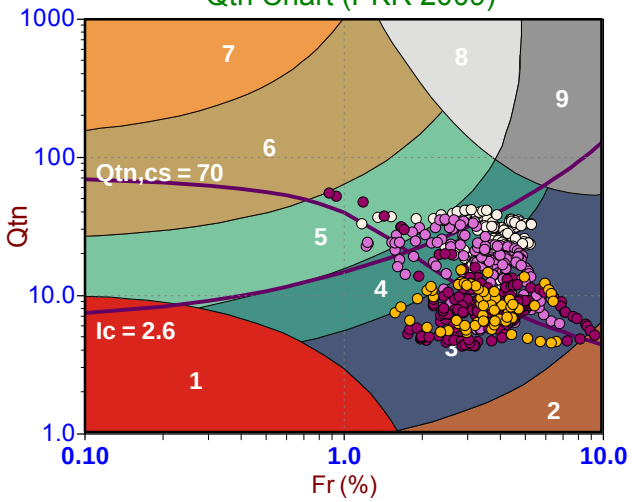
CONETEC

Langan Engineering

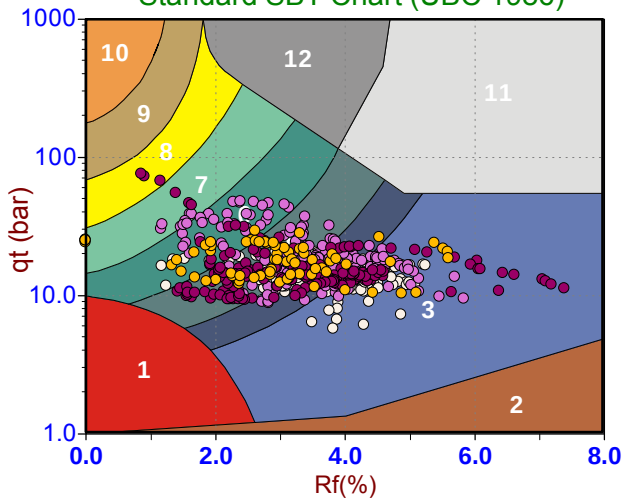
Job No: 22-56-25216
Date: 2023-01-26 08:47
Site: Kaiser San Jose CPT

Sounding: CPT-20
Cone: 795:T1500F15U35

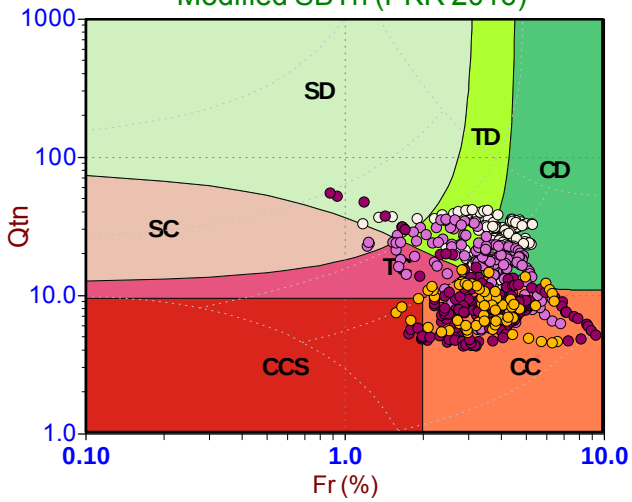
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

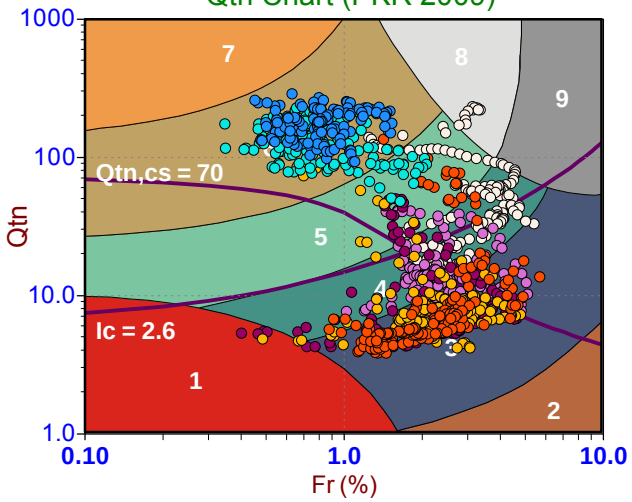
CONETEC

Langan Engineering

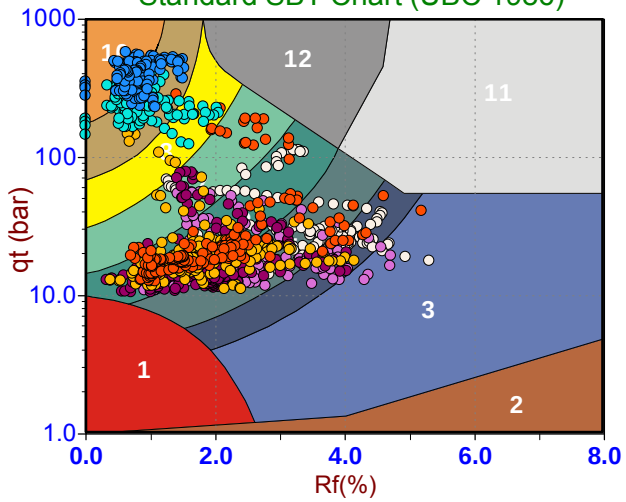
Job No: 22-56-25216
Date: 2023-01-16 07:09
Site: Kaiser San Jose CPT

Sounding: CPT-21
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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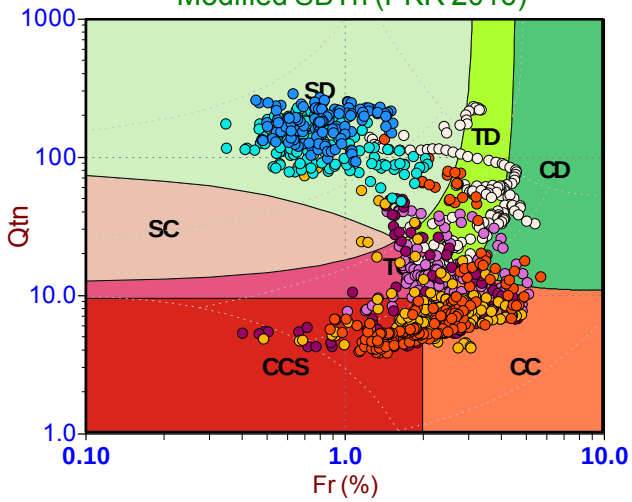


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

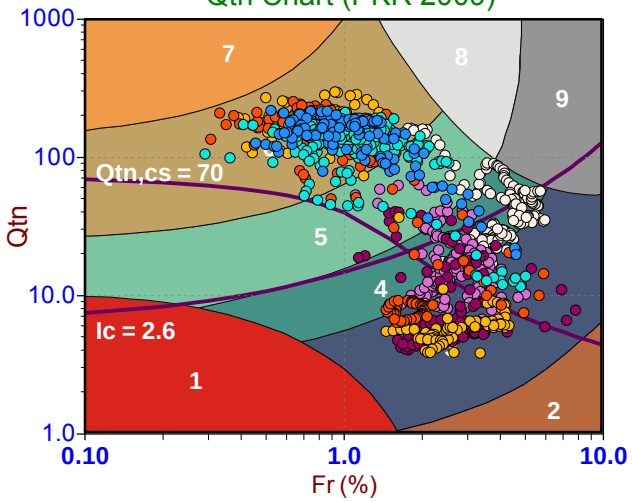
CONETEC

Langan Engineering

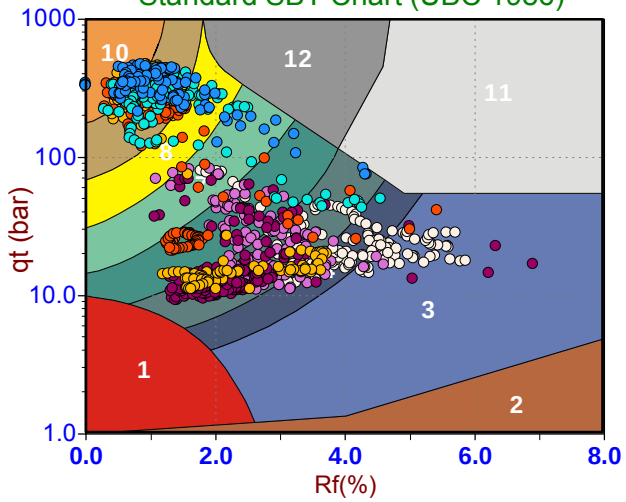
Job No: 22-56-25216
Date: 2023-01-16 08:33
Site: Kaiser San Jose CPT

Sounding: CPT-22
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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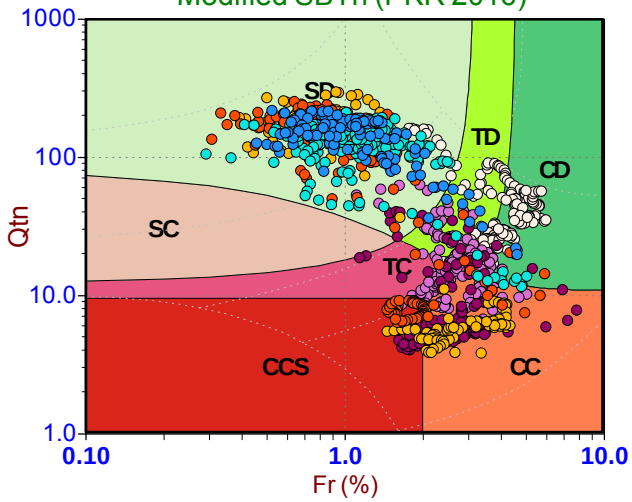


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

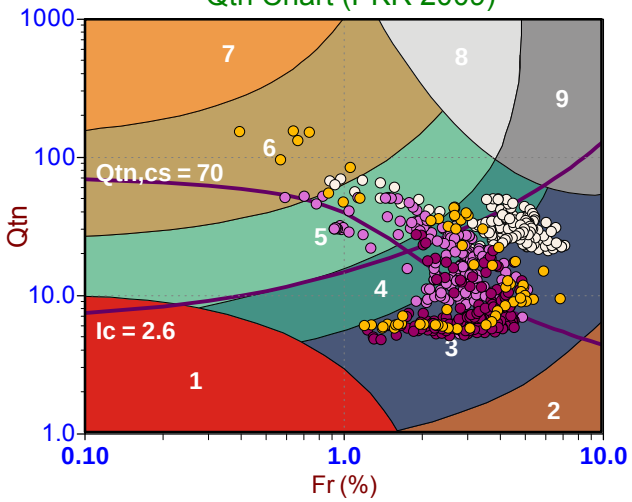
CONETEC

Langan Engineering

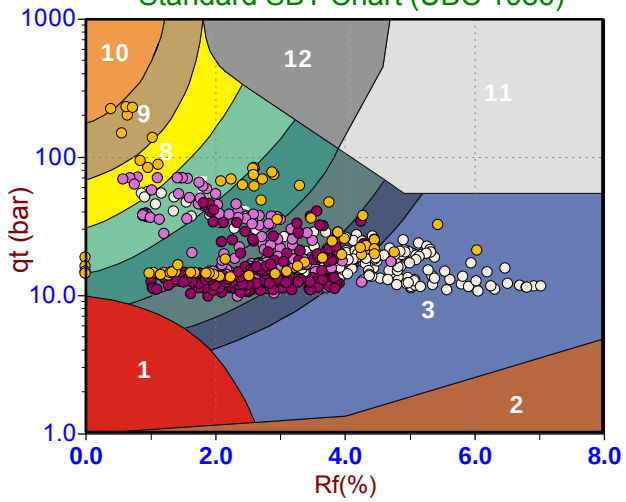
Job No: 22-56-25216
Date: 2023-01-16 09:55
Site: Kaiser San Jose CPT

Sounding: CPT-23
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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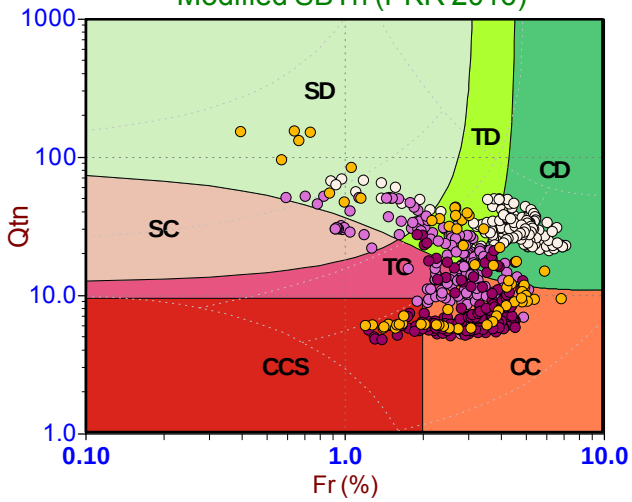


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

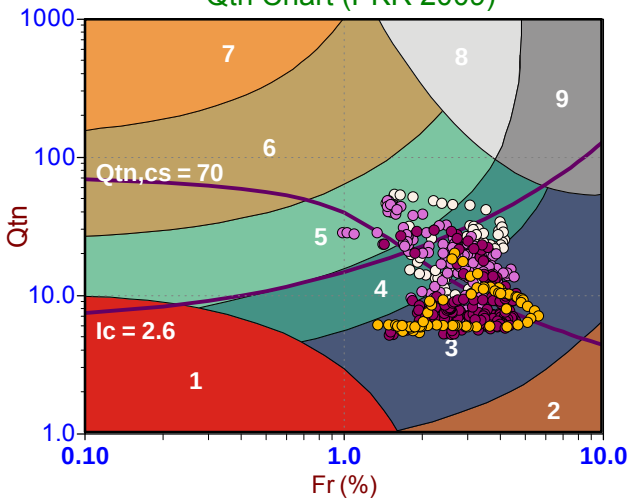
CONETEC

Langan Engineering

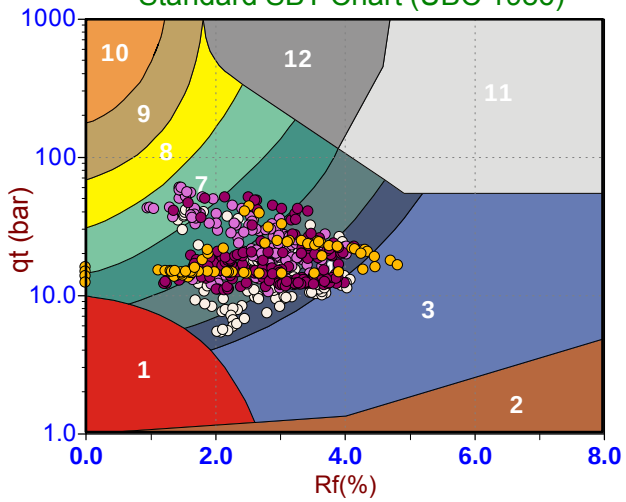
Job No: 22-56-25216
Date: 2023-01-18 07:59
Site: Kaiser San Jose CPT

Sounding: CPT-24
Cone: 815:T1500F15U35

Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



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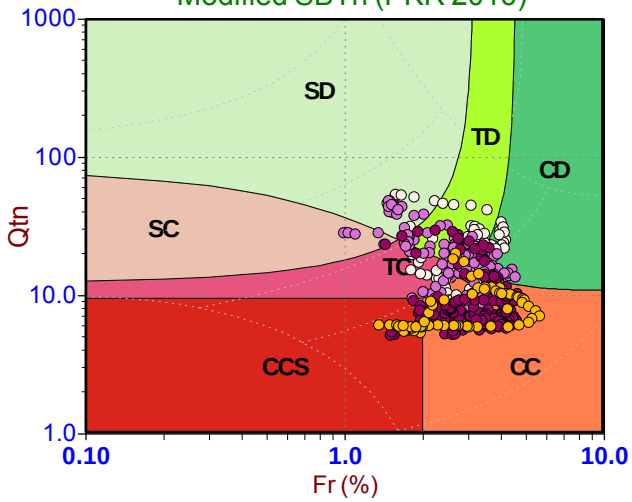


Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

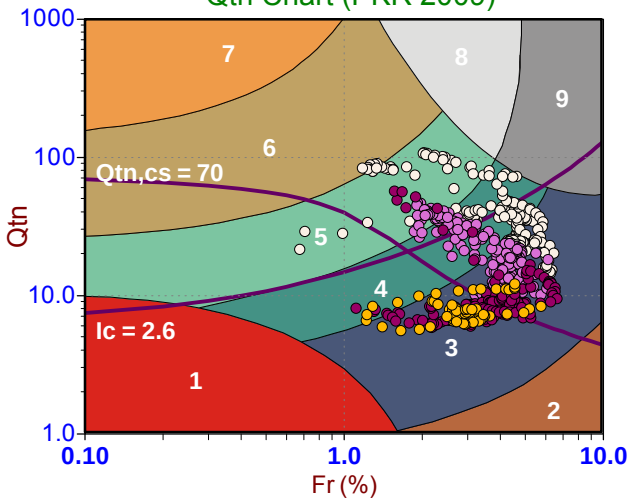
CONETEC

Langan Engineering

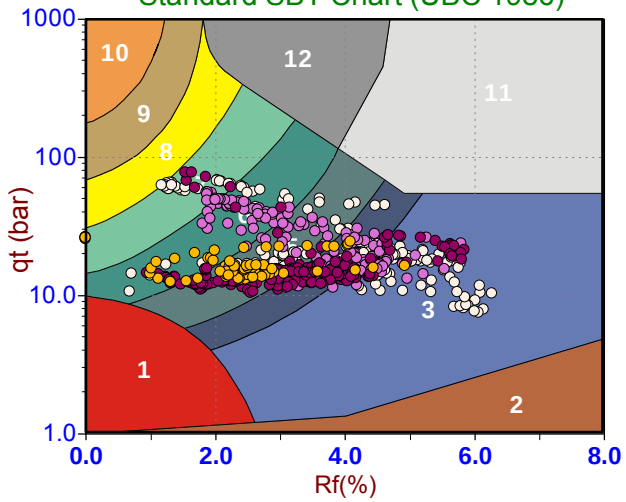
Job No: 22-56-25216
Date: 2023-01-26 10:32
Site: Kaiser San Jose CPT

Sounding: CPT-25
Cone: 795:T1500F15U35

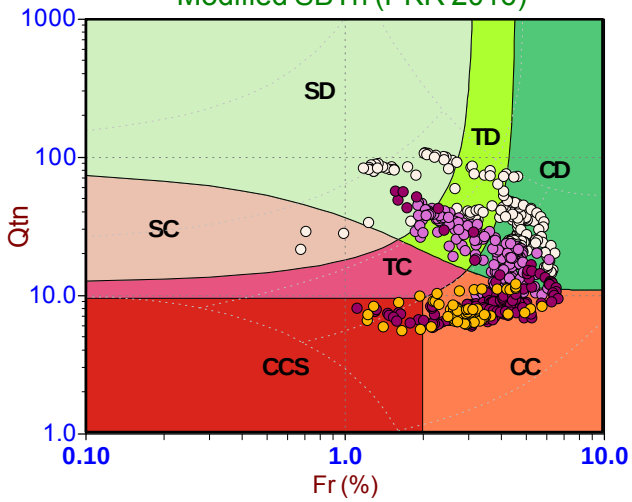
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

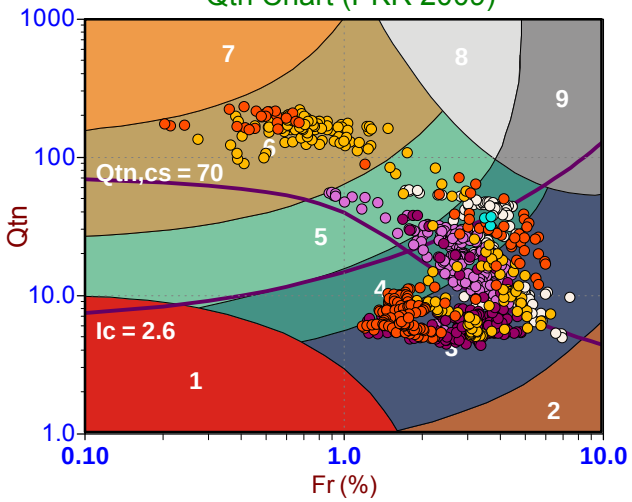
CONETEC

Langan Engineering

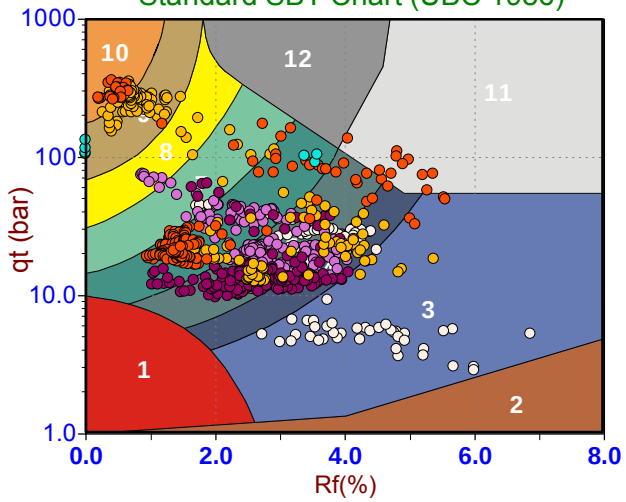
Job No: 22-56-25216
Date: 2023-01-18 09:28
Site: Kaiser San Jose CPT

Sounding: CPT-26
Cone: 815:T1500F15U35

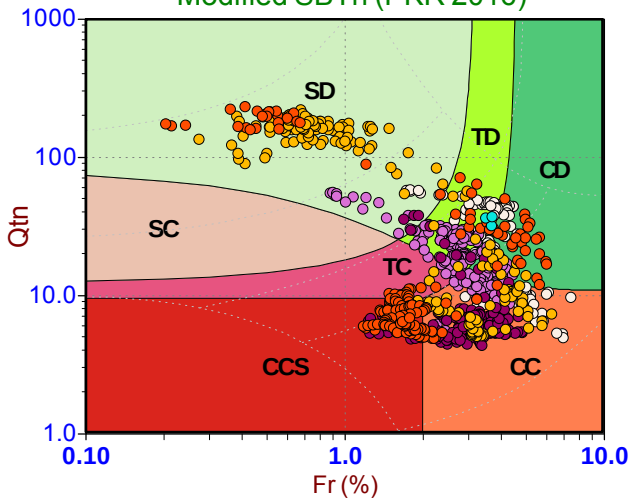
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

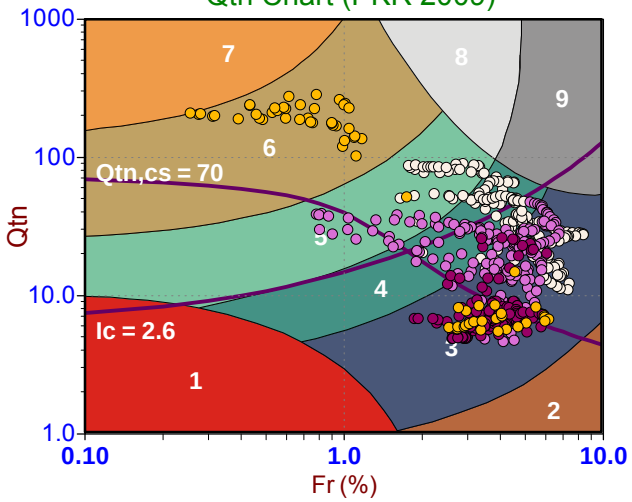
CONETEC

Langan Engineering

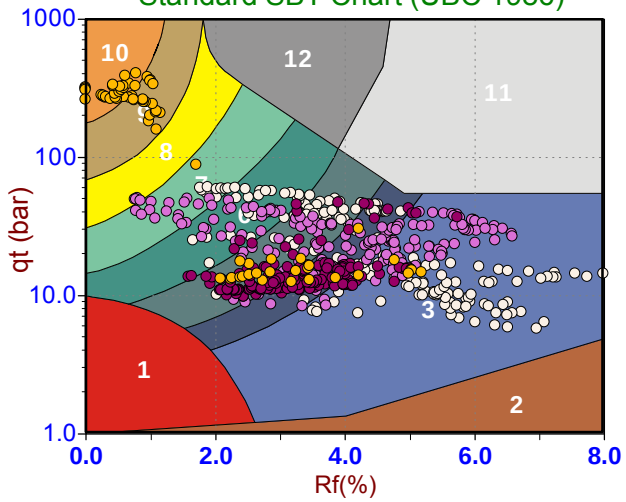
Job No: 22-56-25216
Date: 2023-01-26 11:41
Site: Kaiser San Jose CPT

Sounding: CPT-27
Cone: 795:T1500F15U35

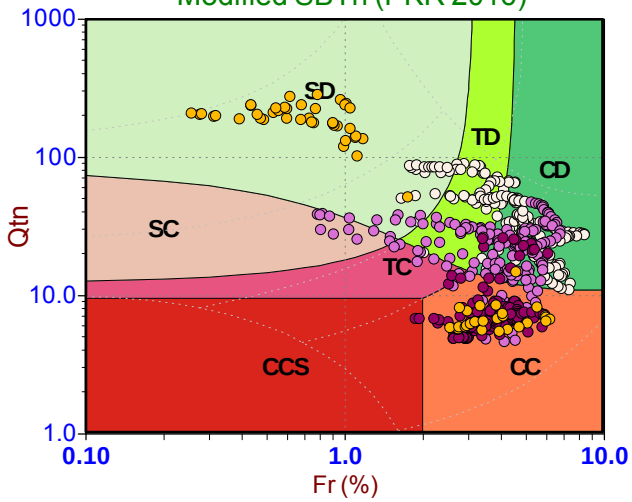
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

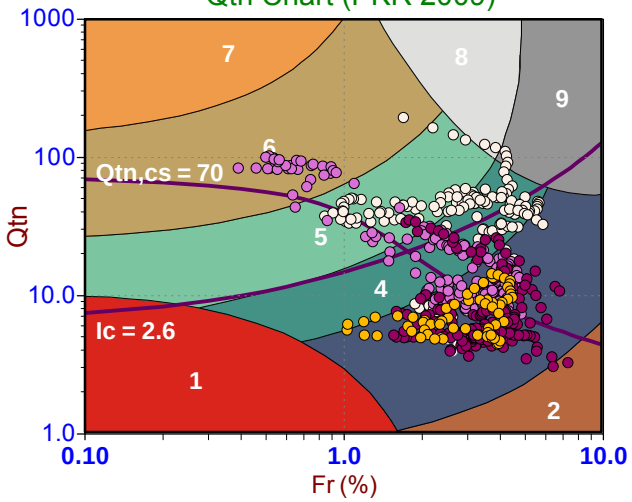
CONETEC

Langan Engineering

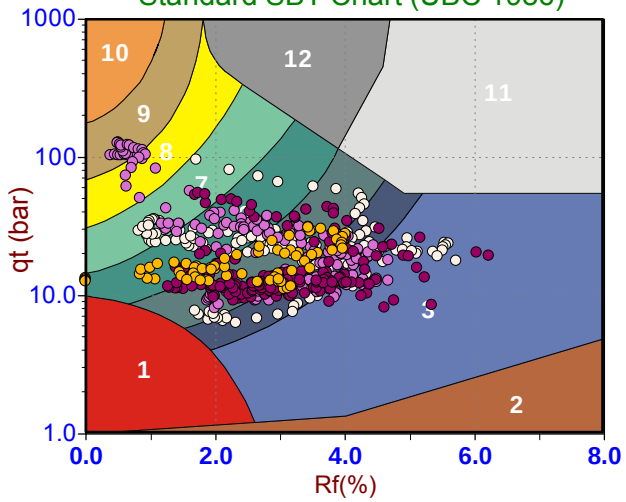
Job No: 22-56-25216
Date: 2023-01-17 07:34
Site: Kaiser San Jose CPT

Sounding: CPT-28
Cone: 815:T1500F15U35

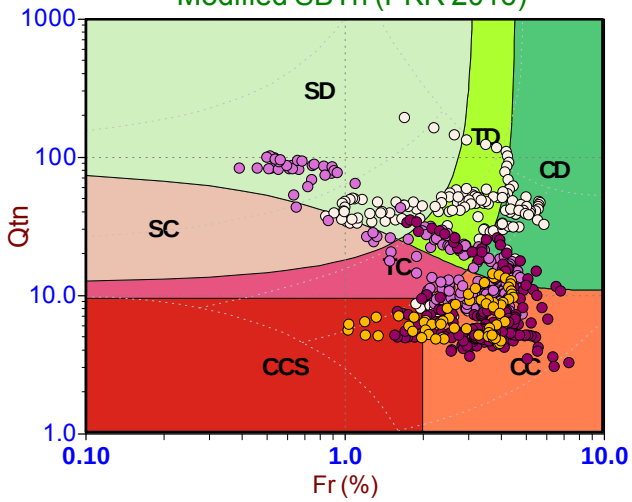
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

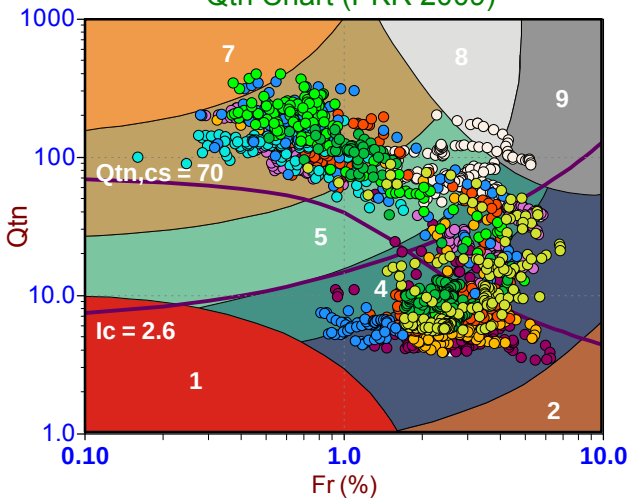
CONETEC

Langan Engineering

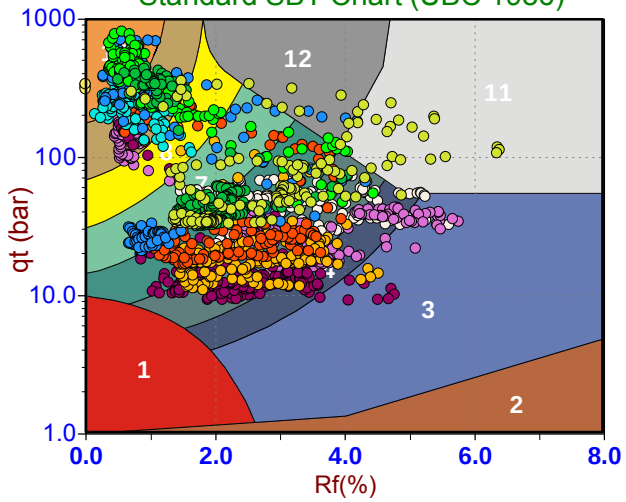
Job No: 22-56-25216
Date: 2023-01-17 12:26
Site: Kaiser San Jose CPT

Sounding: CPT-29
Cone: 815:T1500F15U35

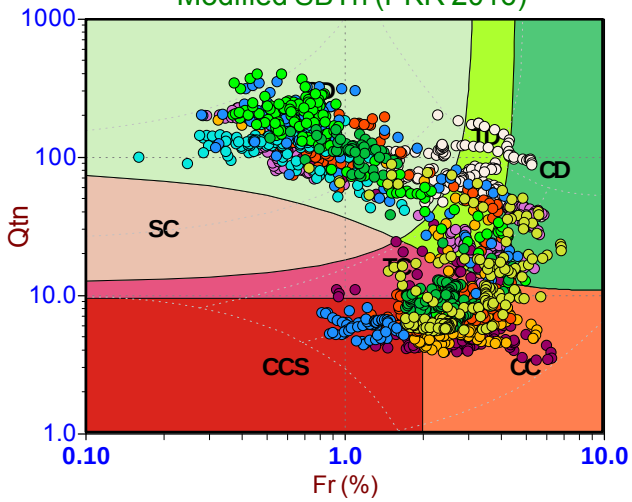
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

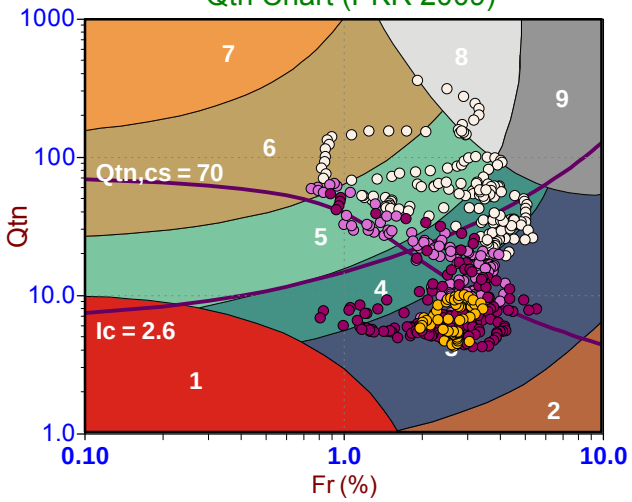
CONETEC

Langan Engineering

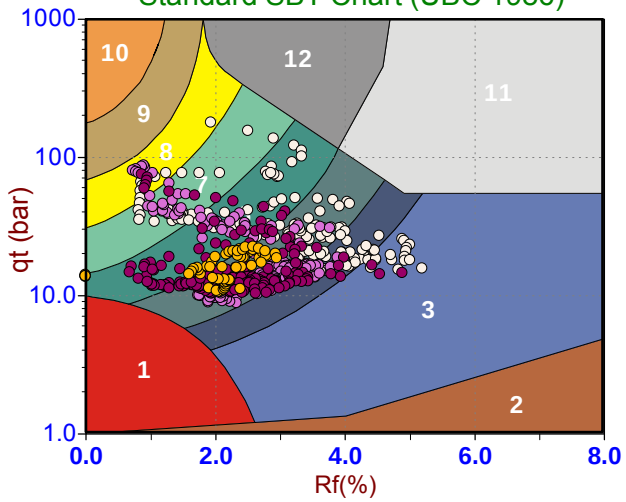
Job No: 22-56-25216
Date: 2023-01-17 11:30
Site: Kaiser San Jose CPT

Sounding: CPT-30
Cone: 815:T1500F15U35

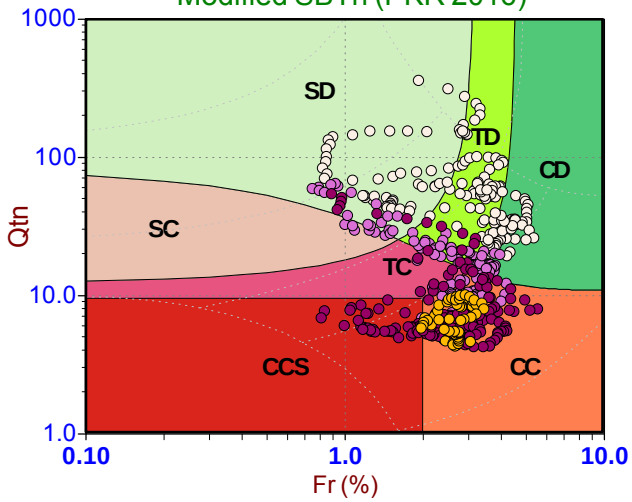
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

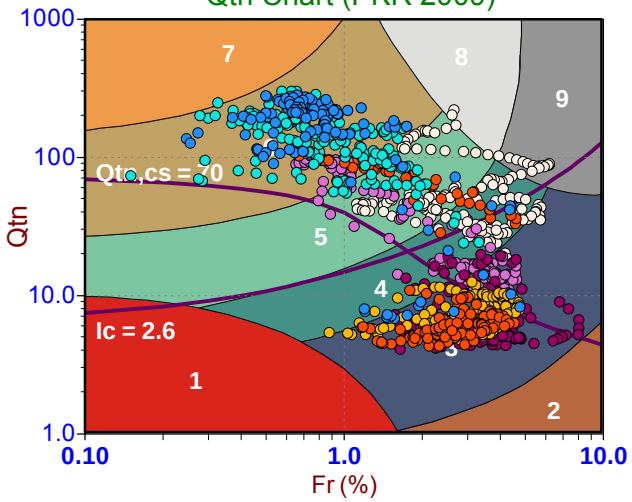
CONETEC

Langan Engineering

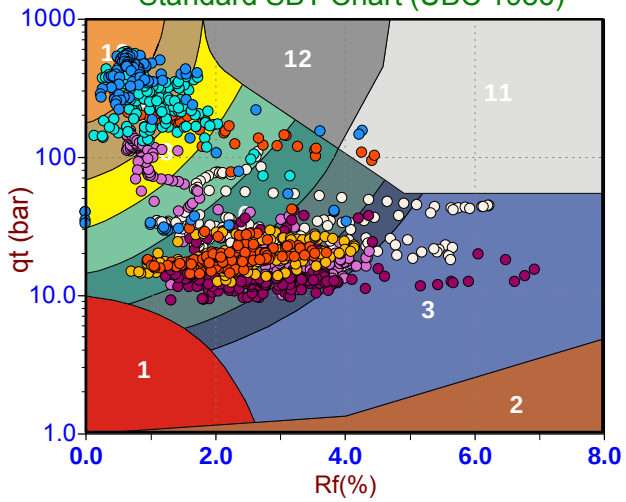
Job No: 22-56-25216
Date: 2023-01-17 09:03
Site: Kaiser San Jose CPT

Sounding: CPT-31
Cone: 815:T1500F15U35

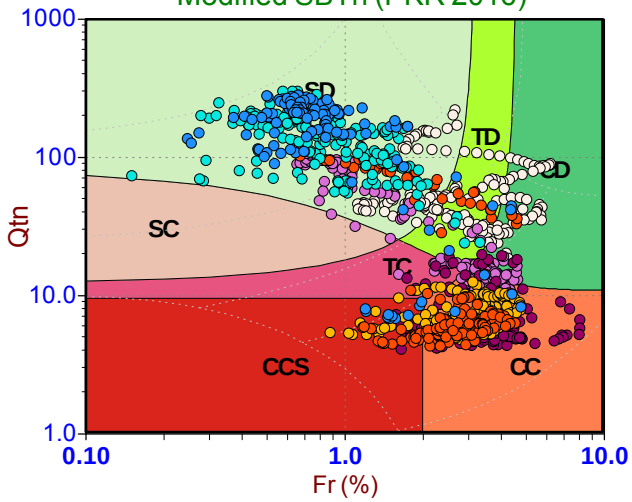
Qtn Chart (PKR 2009)



Standard SBT Chart (UBC 1986)



Modified SBTn (PKR 2016)



Depth Ranges

- >0.0 to 15.0 ft
- >15.0 to 30.0 ft
- >30.0 to 45.0 ft
- >45.0 to 60.0 ft
- >60.0 to 75.0 ft
- >75.0 to 90.0 ft
- >90.0 to 105.0 ft
- >105.0 to 120.0 ft
- >120.0 to 135.0 ft
- >135.0 to 150.0 ft
- >150.0 ft

Legend

- Sensitive, Fine Grained
- Organic Soils
- Clays
- Silt Mixtures
- Sand Mixtures
- Sands
- Gravelly Sand to Sand
- Stiff Sand to Clayey Sand
- Very Stiff Fine Grained

Legend

- Sensitive Fines
- Organic Soil
- Clay
- Silty Clay
- Clayey Silt
- Silt
- Sandy Silt
- Silty Sand/Sand
- Sand
- Gravelly Sand
- Stiff Fine Grained
- Cemented Sand

Legend

- CCS (Cont. sensitive clay like)
- CC (Cont. clay like)
- TC (Cont. transitional)
- SC (Cont. sand like)
- CD (Dil. clay like)
- TD (Dil. transitional)
- SD (Dil. sand like)

Pore Pressure Dissipation Summary and Pore Pressure Dissipation Plots

Job No:	22-56-25216
Client:	Langan Engineering
Project:	1231 Comstock
Start Date:	09-Jan-2023
End Date:	26-Jan-2023

CPTu PORE PRESSURE DISSIPATION SUMMARY

Sounding ID	File Name	Cone Area (cm^2)	Duration (s)	Test Depth (ft)	Estimated Equilibrium Pore Pressure U_{eq} (ft.)	Calculated Phreatic Surface (ft.)
CPT-01	22-56-25216_CP01	15	300	13.21	Not Achieved	
CPT-01	22-56-25216_CP01	15	1230	27.64	4.7	22.9
CPT-02	22-56-25216_CP02	15	860	48.64	18.5	30.1
CPT-02	22-56-25216_CP02	15	335	150.01	115.0	35.0
CPT-03	22-56-25216_SP03	15	750	78.66	46.2	32.5
CPT-03	22-56-25216_SP03	15	580	107.36	Not Achieved	
CPT-04	22-56-25216_CP04	15	1210	26.41	8.3	18.1
CPT-05	22-56-25216_CP05	15	1270	29.86	5.3	24.6
CPT-06	22-56-25216_CP06	15	1300	41.67	Not Achieved	
CPT-06	22-56-25216_CP06	15	2550	50.52	21.1	29.4
CPT-07	22-56-25216_CP07	15	1340	42.32	16.0	26.3
CPT-07	22-56-25216_CP07	15	235	50.52	19.4	31.2
CPT-08	22-56-25216_CP08	15	630	25.67	Not Achieved	
CPT-08	22-56-25216_CP08	15	1400	50.52	19.2	31.4
CPT-09	22-56-25216_CP09	15	2760	38.80	13.6	25.2
CPT-10	22-56-25216_CP10	15	700	30.51	5.9	24.6
CPT-11	22-56-25216_CP11	15	580	71.28	39.5	31.8
CPT-11	22-56-25216_CP11	15	545	108.27	74.9	33.4
CPT-12	22-56-25216_CP12	15	1360	31.91	4.0	27.9
CPT-13	22-56-25216_CP13	15	570	28.54	2.9	25.6
CPT-13	22-56-25216_CP13	15	1080	48.64	17.8	30.9
CPT-14	22-56-25216_SP14	15	2640	29.04	Not Achieved	
CPT-14	22-56-25216_SP14	15	910	48.64	18.6	30.0
CPT-15	22-56-25216_CP15	15	2640	42.40	Not Achieved	
CPT-16	22-56-25216_CP16	15	325	29.28	2.9	26.4
CPT-17	22-56-25216_CP17	15	550	50.36	17.3	33.0
CPT-18	22-56-25216_CP18	15	480	51.75	20.9	30.9
CPT-19	22-56-25216_CP19	15	1320	29.53	1.9	27.6
CPT-20	22-56-25216_CP20	15	630	24.69	2.3	22.3
CPT-21	22-56-25216_CP21	15	600	75.29	43.2	32.1
CPT-22	22-56-25216_CP22	15	555	51.84	20.0	31.9
CPT-23	22-56-25216_CP23	15	1190	28.21	Not Achieved	

Job No:	22-56-25216
Client:	Langan Engineering
Project:	1231 Comstock
Start Date:	09-Jan-2023
End Date:	26-Jan-2023

CPTu PORE PRESSURE DISSIPATION SUMMARY

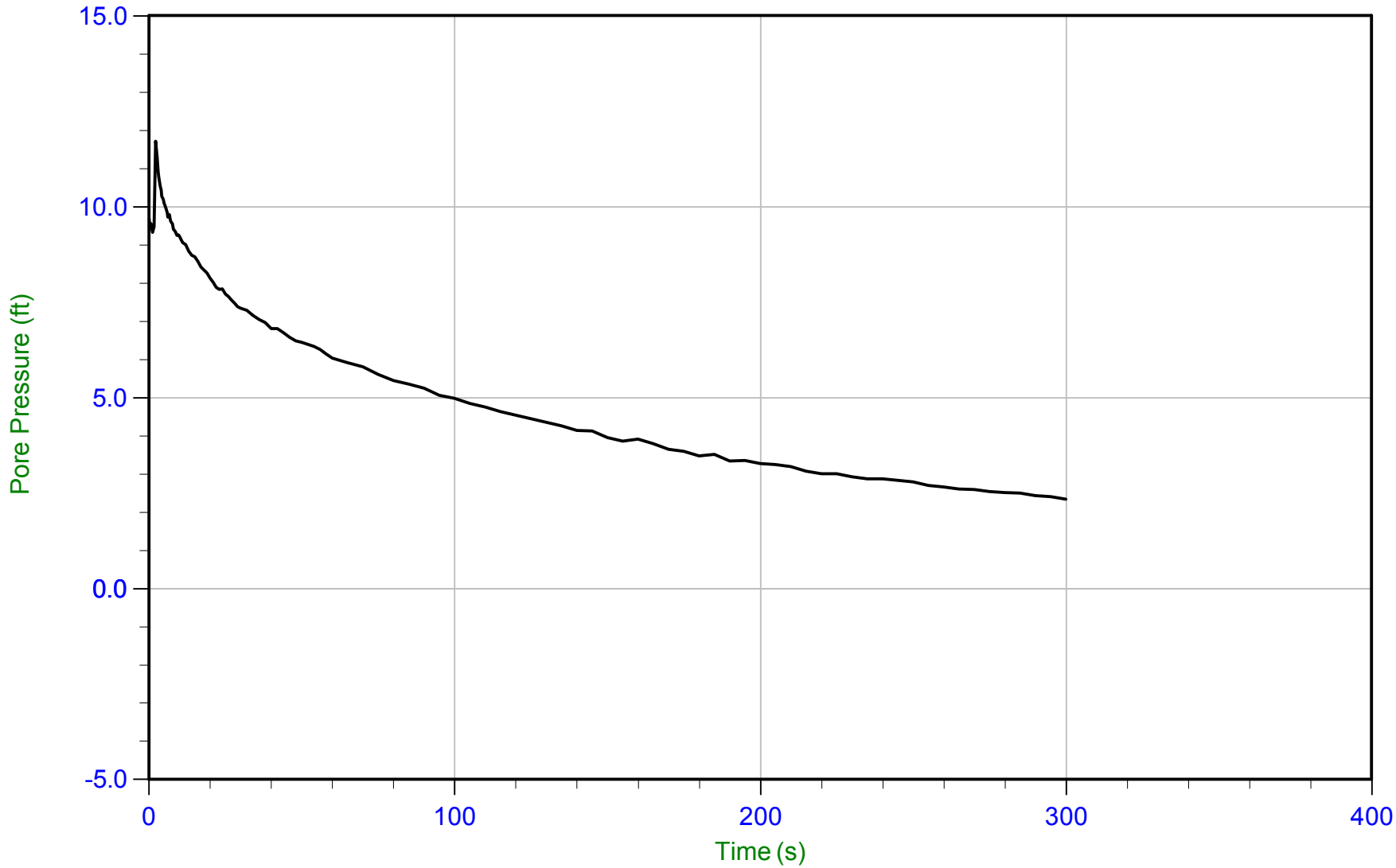
Sounding ID	File Name	Cone Area (cm^2)	Duration (s)	Test Depth (ft)	Estimated Equilibrium Pore Pressure U_{eq} (ft.)	Calculated Phreatic Surface (ft.)
CPT-23	22-56-25216_CP23	15	1470	37.16	10.0	27.2
CPT-24	22-56-25216_CP24	15	1530	36.99	8.5	28.5
CPT-25	22-56-25216_CP25	15	300	24.44	4.5	19.9
CPT-26	22-56-25216_CP26	15	800	52.25	22.4	29.8
CPT-27	22-56-25216_CP27	15	310	25.34	0.3	25.0
CPT-28	22-56-25216_CP28	15	430	25.92	Not Achieved	
CPT-28	22-56-25216_CP28	15	1300	50.52	22.1	28.4
CPT-29	22-56-25216_CP29	15	630	50.93	21.8	29.2
CPT-29	22-56-25216_CP29	15	670	70.70	38.5	32.2
CPT-30	22-56-25216_CP30	15	510	30.43	5.0	25.5
CPT-31	22-56-25216_SP31	15	670	72.59	41.3	31.3

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 07:48
Site: Kaiser San Jose CPT

Sounding: CPT-01
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP01.ppf2
Depth: 4.025 m / 13.205 ft
Duration: 300.0 s

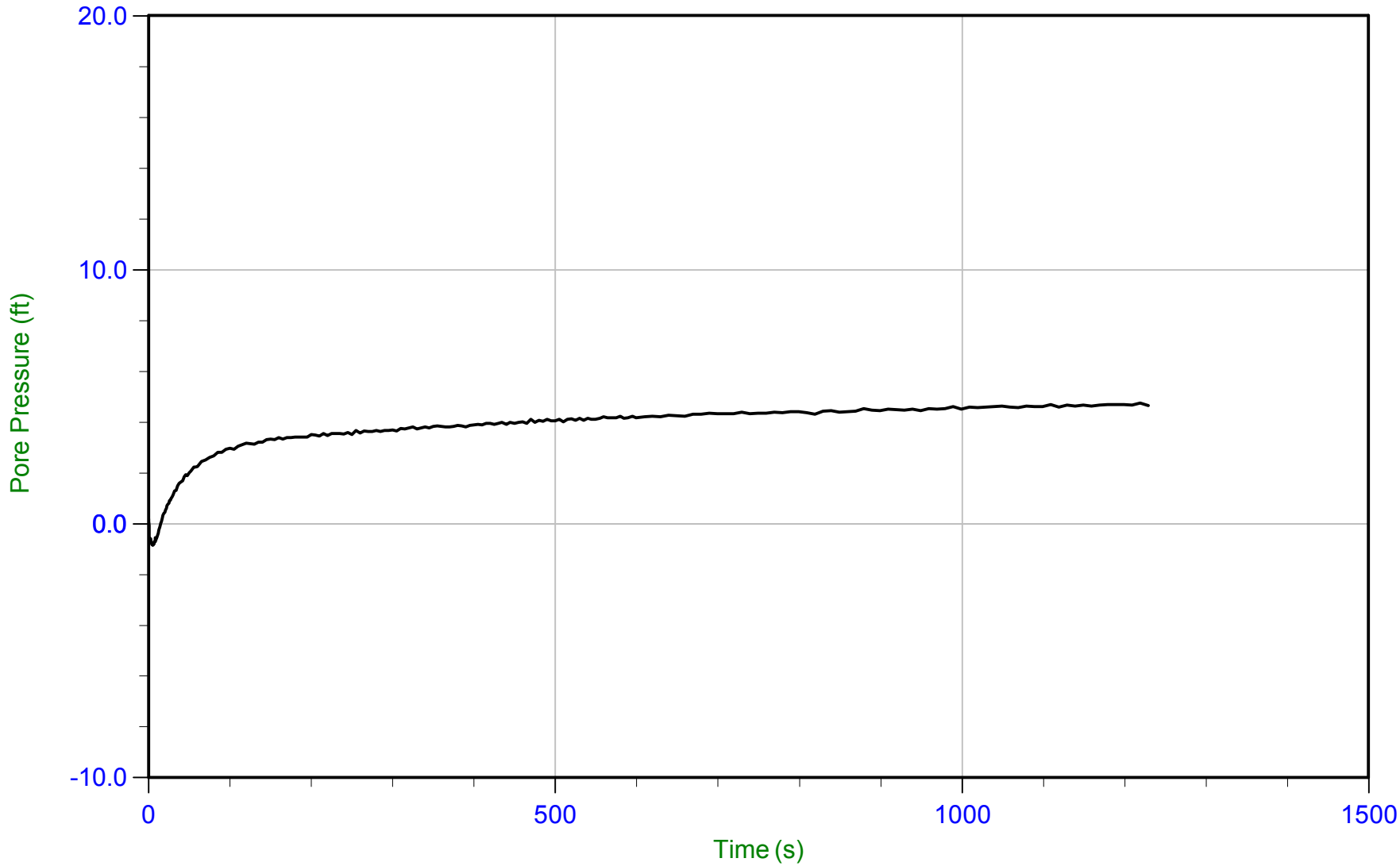
u Min: 2.3 ft
u Max: 11.7 ft
u Final: 2.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 07:48
Site: Kaiser San Jose CPT

Sounding: CPT-01
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP01.ppf2
Depth: 8.425 m / 27.641 ft
Duration: 1229.9 s

u Min: -0.9 ft
u Max: 4.7 ft
u Final: 4.7 ft

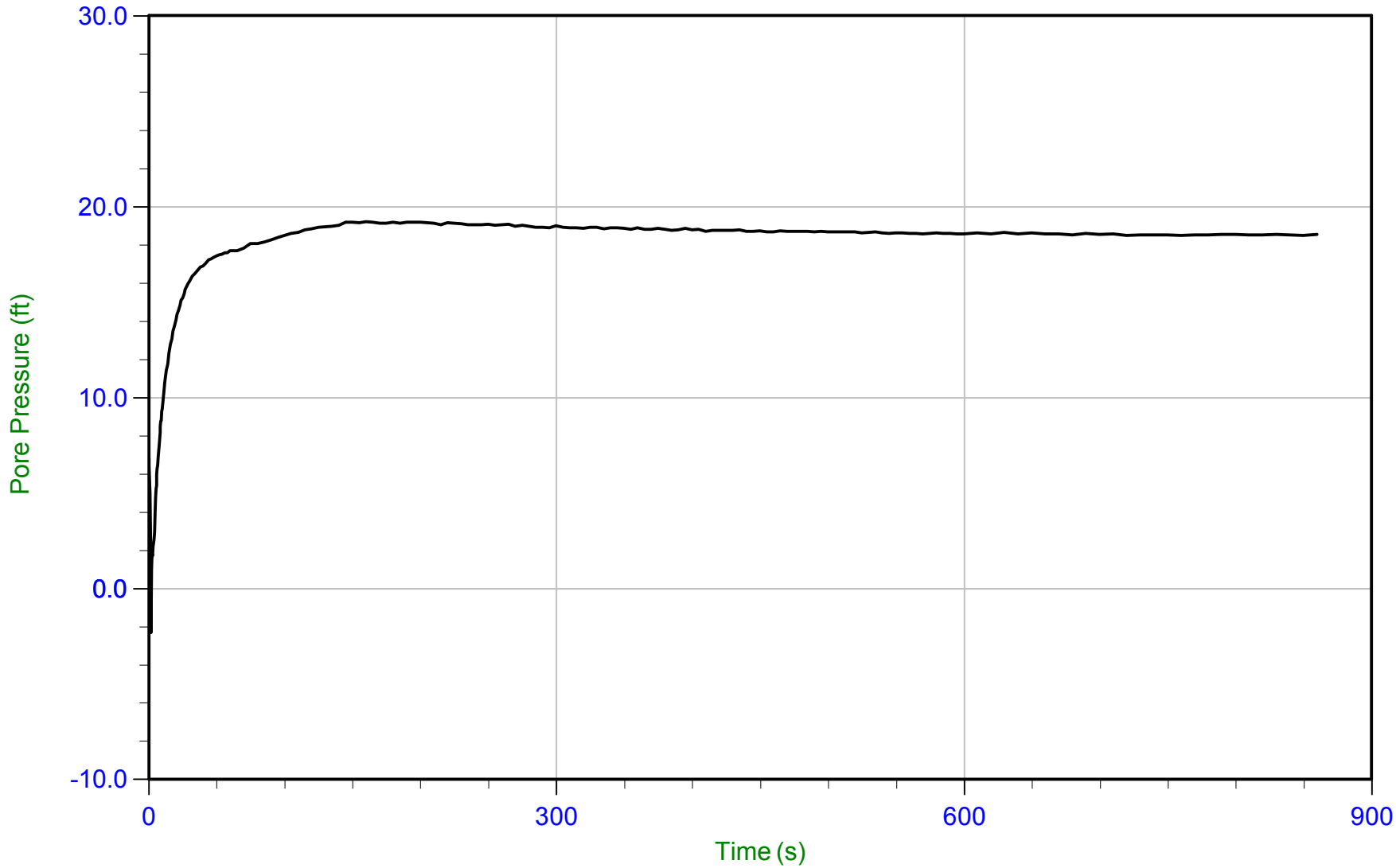
WT: 6.984 m / 22.915 ft
Ueq: 4.7 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 09:39
Site: Kaiser San Jose CPT

Sounding: CPT-02
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP02.ppf2
Depth: 14.825 m / 48.638 ft
Duration: 859.9 s

u Min: -2.3 ft
u Max: 19.2 ft
u Final: 18.5 ft

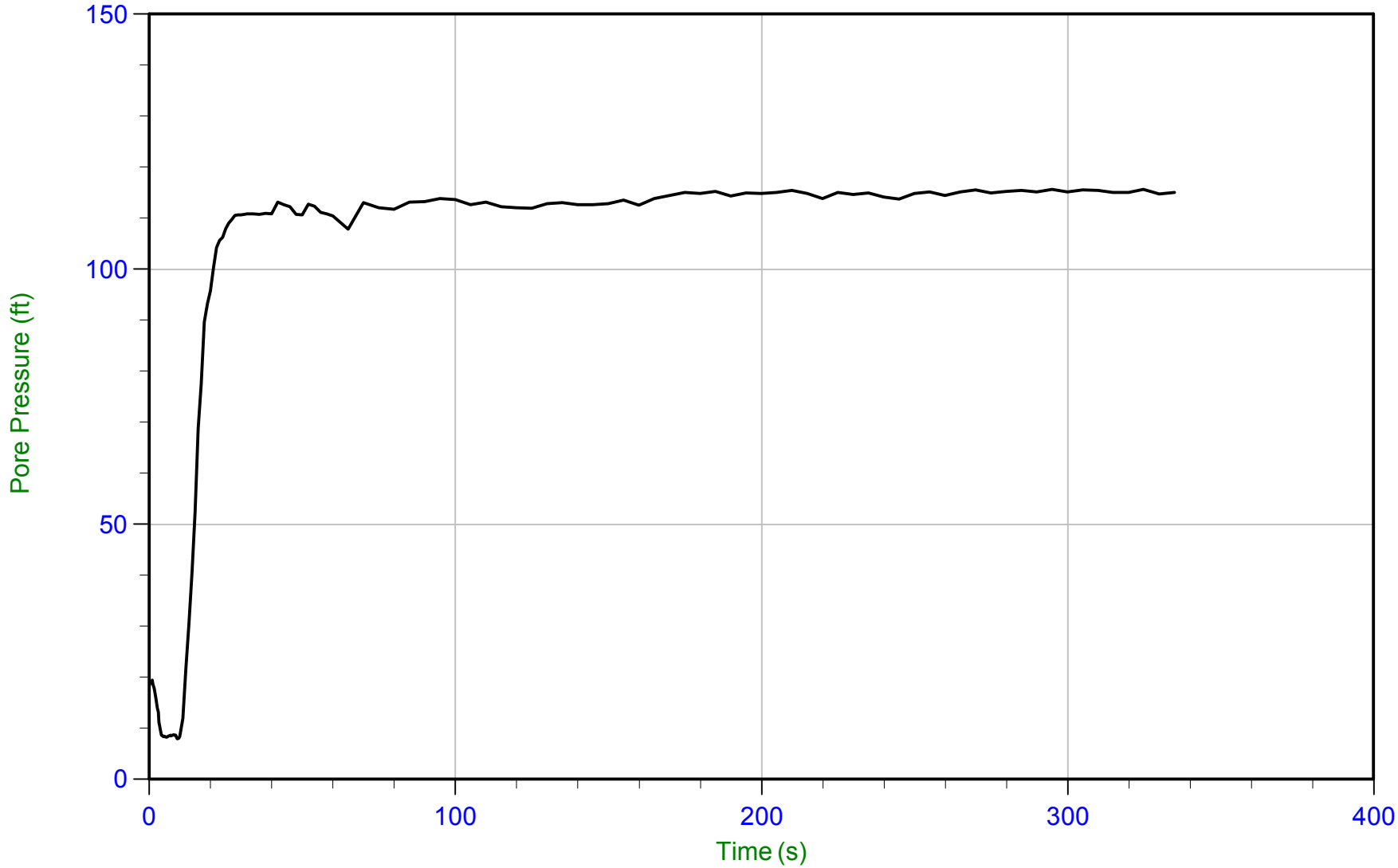
WT: 9.182 m / 30.124 ft
Ueq: 18.5 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 09:39
Site: Kaiser San Jose CPT

Sounding: CPT-02
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP02.ppf2
Depth: 45.725 m / 150.015 ft
Duration: 335.0 s

u Min: 8.0 ft
u Max: 115.6 ft
u Final: 115.0 ft

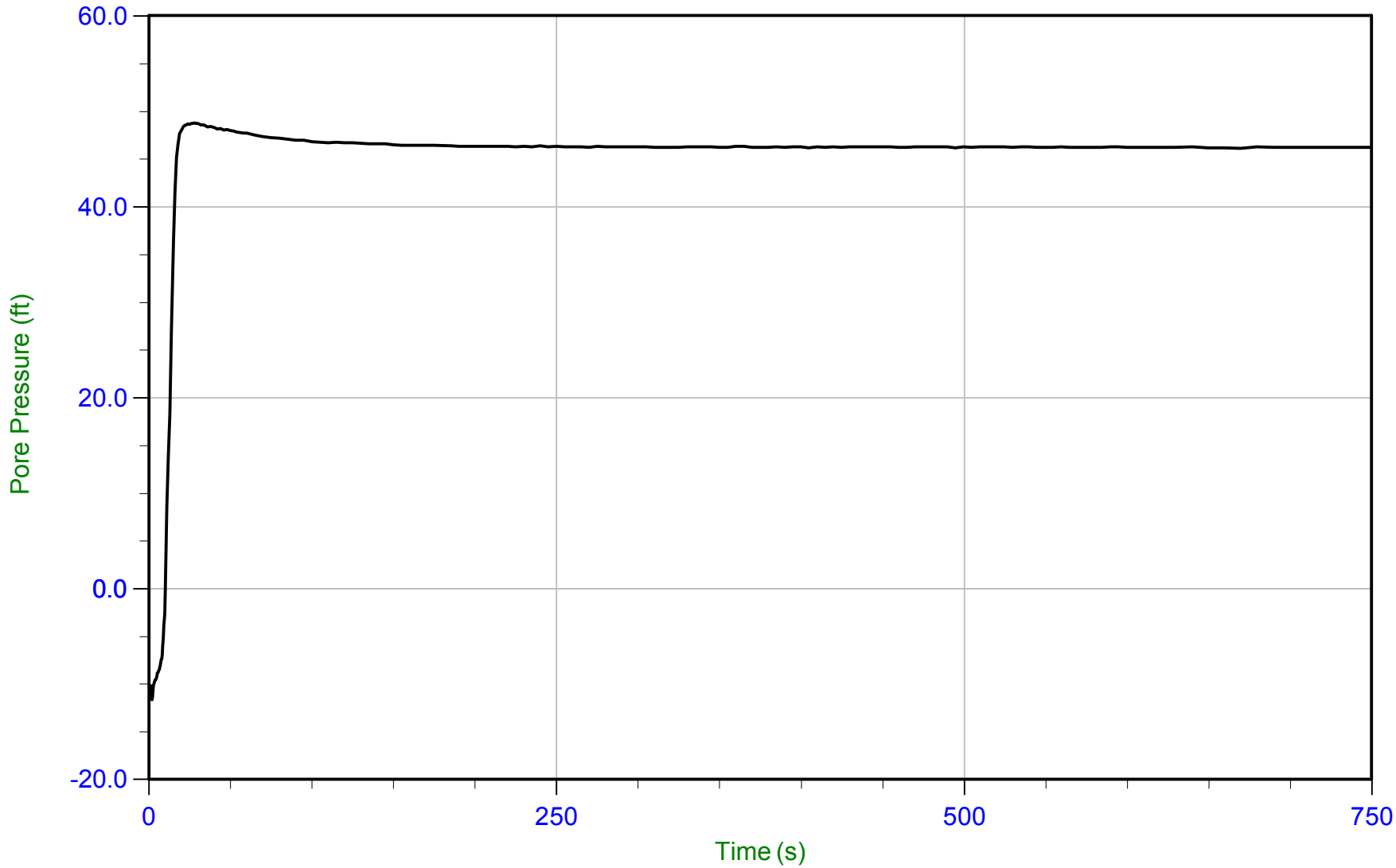
WT: 10.663 m / 34.984 ft
Ueq: 115.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 13:54
Site: Kaiser San Jose CPT

Sounding: CPT-03
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_SP03.ppf2
Depth: 23.975 m / 78.657 ft
Duration: 749.9 s

u Min: -11.7 ft
u Max: 48.7 ft
u Final: 46.2 ft

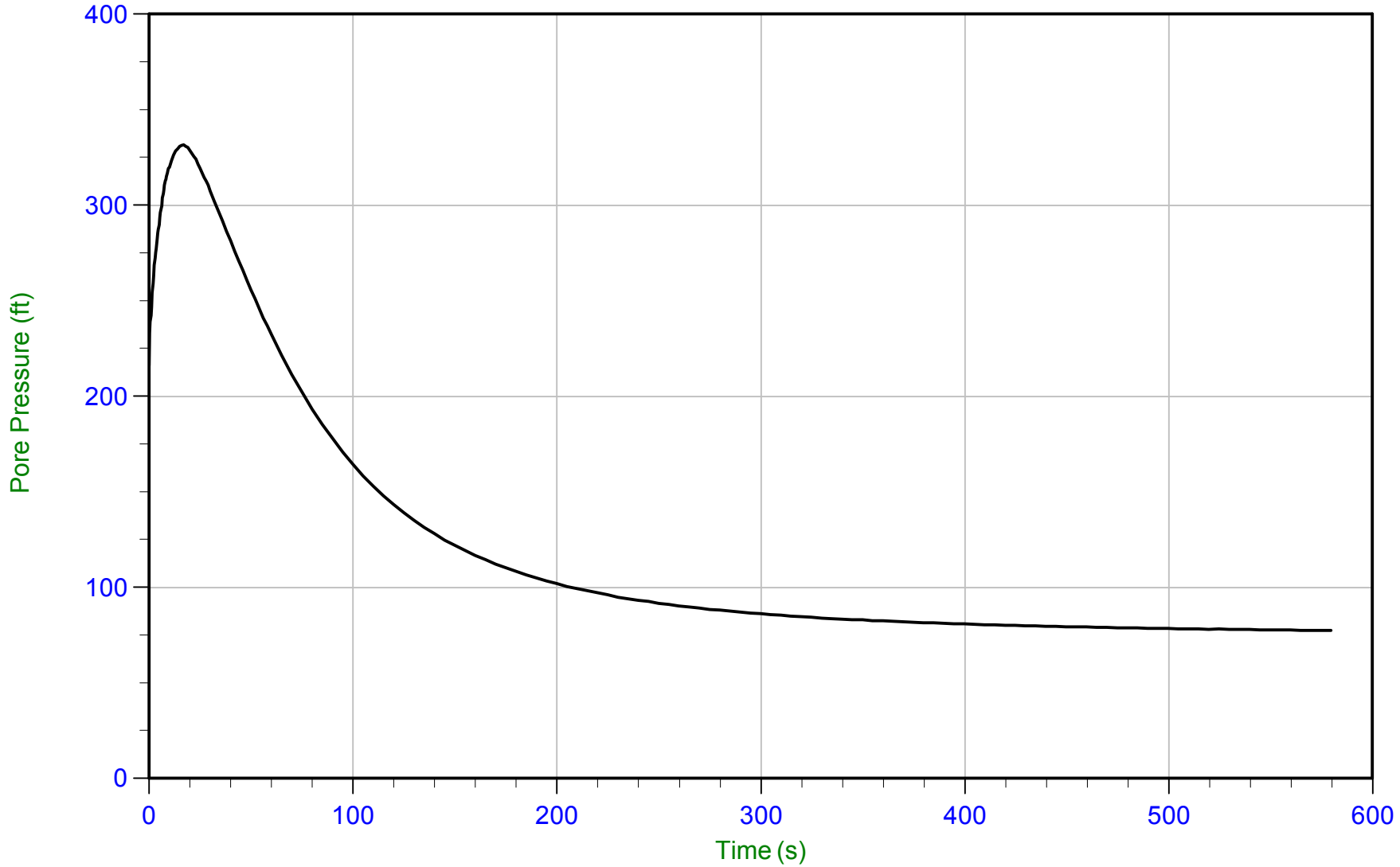
WT: 9.893 m / 32.458 ft
Ueq: 46.2 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 13:54
Site: Kaiser San Jose CPT

Sounding: CPT-03
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_SP03.ppf2
Depth: 32.725 m / 107.364 ft
Duration: 579.9 s

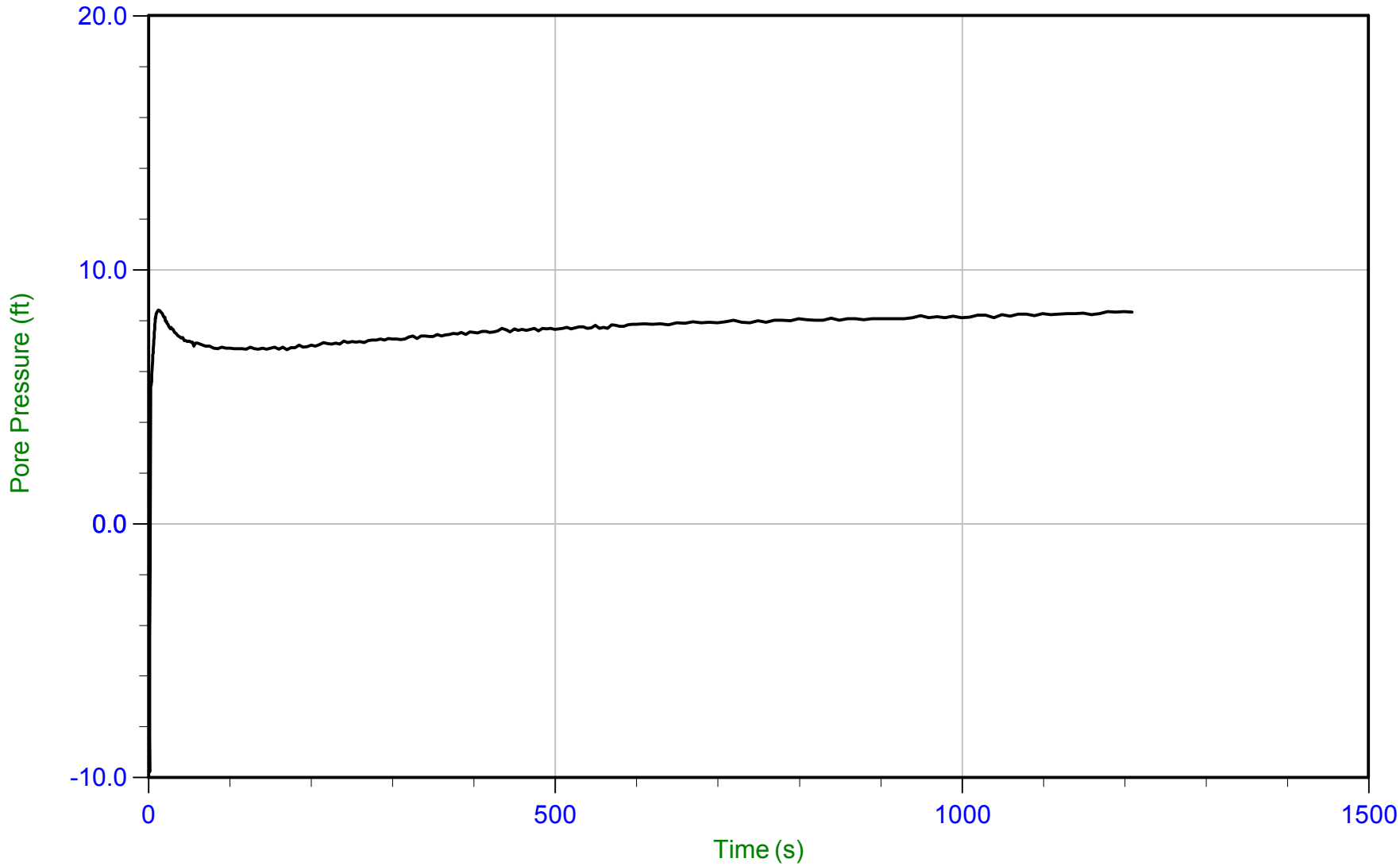
u Min: 77.4 ft
u Max: 331.5 ft
u Final: 77.4 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/09/2023 12:24
Site: Kaiser San Jose CPT

Sounding: CPT-04
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP04.ppf2
Depth: 8.050 m / 26.410 ft
Duration: 1209.9 s

u Min: -9.8 ft
u Max: 8.4 ft
u Final: 8.3 ft

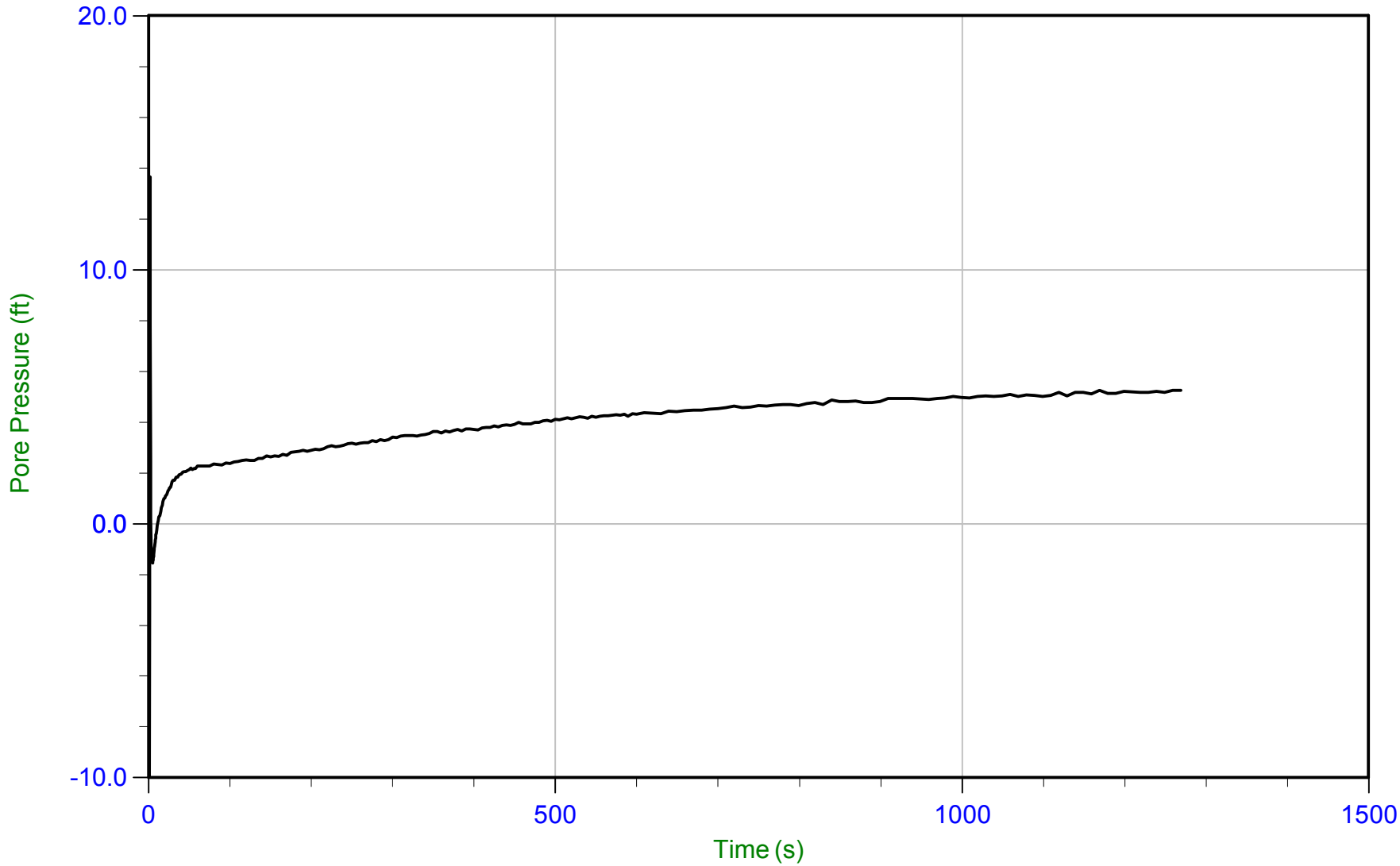
WT: 5.507 m / 18.067 ft
Ueq: 8.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 09:29
Site: Kaiser San Jose CPT

Sounding: CPT-05
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP05.ppf2
Depth: 9.100 m / 29.855 ft
Duration: 1269.9 s

u Min: -14.1 ft
u Max: 13.6 ft
u Final: 5.2 ft

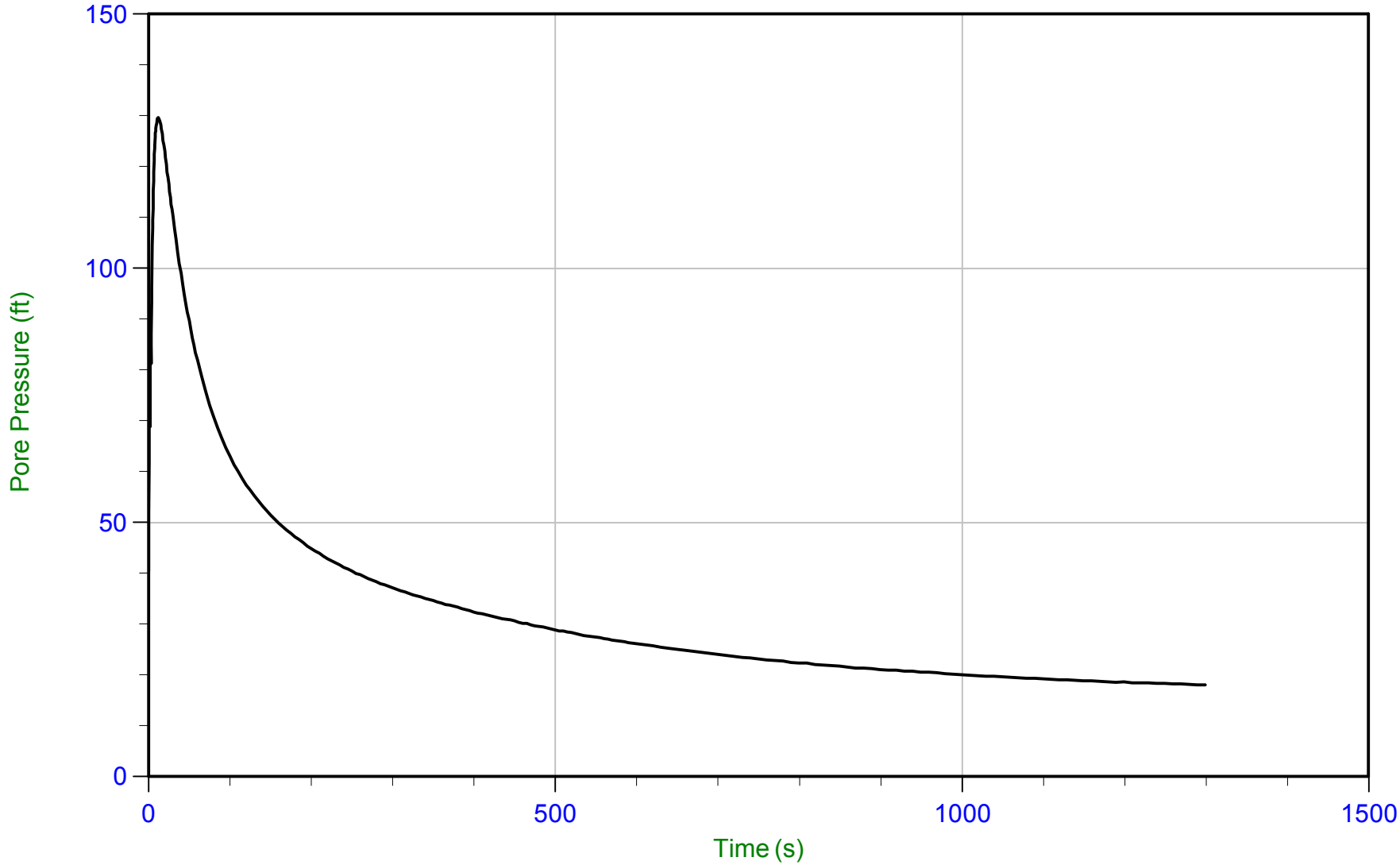
WT: 7.495 m / 24.590 ft
Ueq: 5.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 13:12
Site: Kaiser San Jose CPT

Sounding: CPT-06
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP06.ppf2
Depth: 12.700 m / 41.666 ft
Duration: 1299.9 s

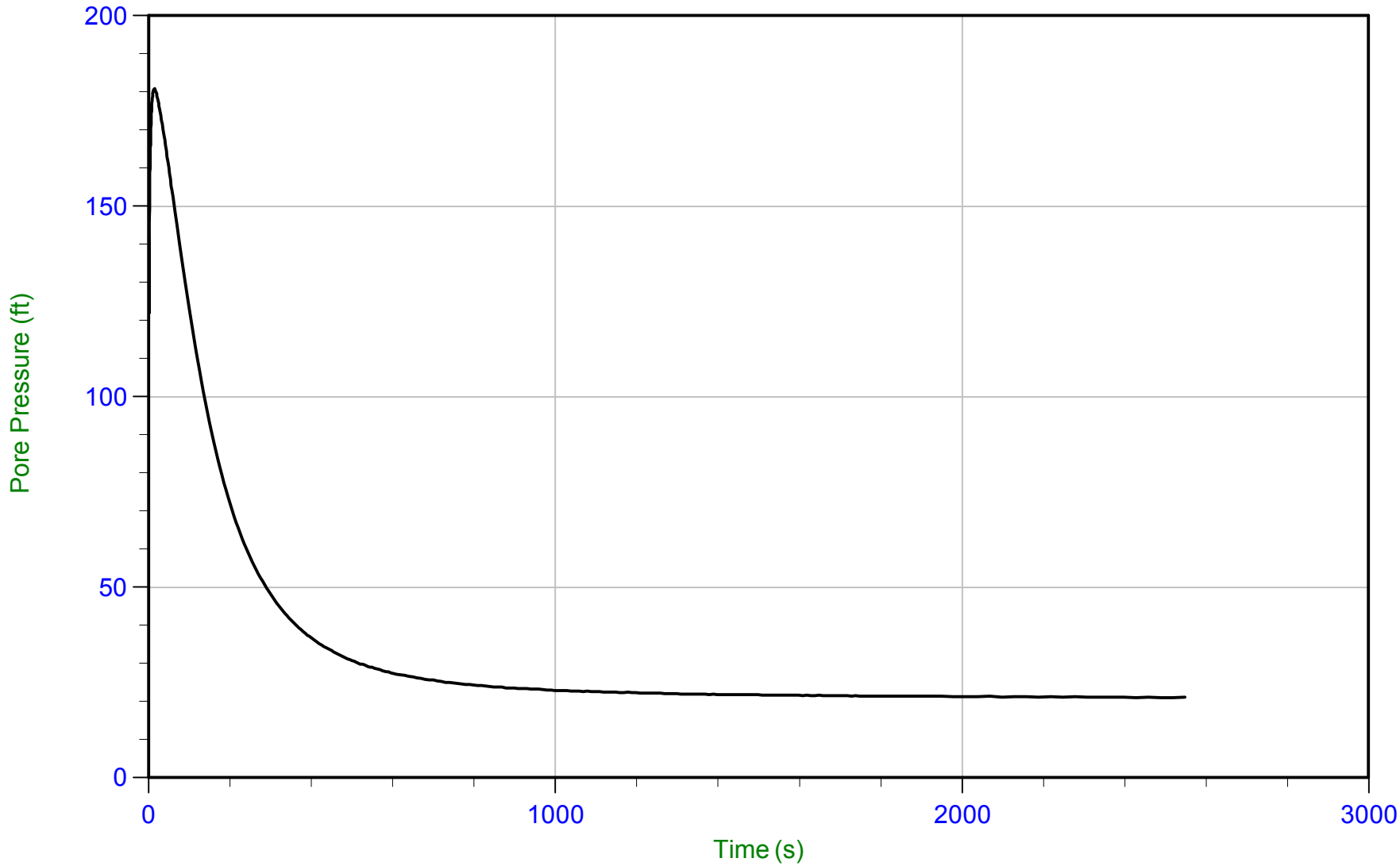
u Min: 18.0 ft
u Max: 129.6 ft
u Final: 18.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 13:12
Site: Kaiser San Jose CPT

Sounding: CPT-06
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP06.ppf2
Depth: 15.400 m / 50.524 ft
Duration: 2549.9 s

u Min: 21.1 ft
u Max: 217.8 ft
u Final: 21.1 ft

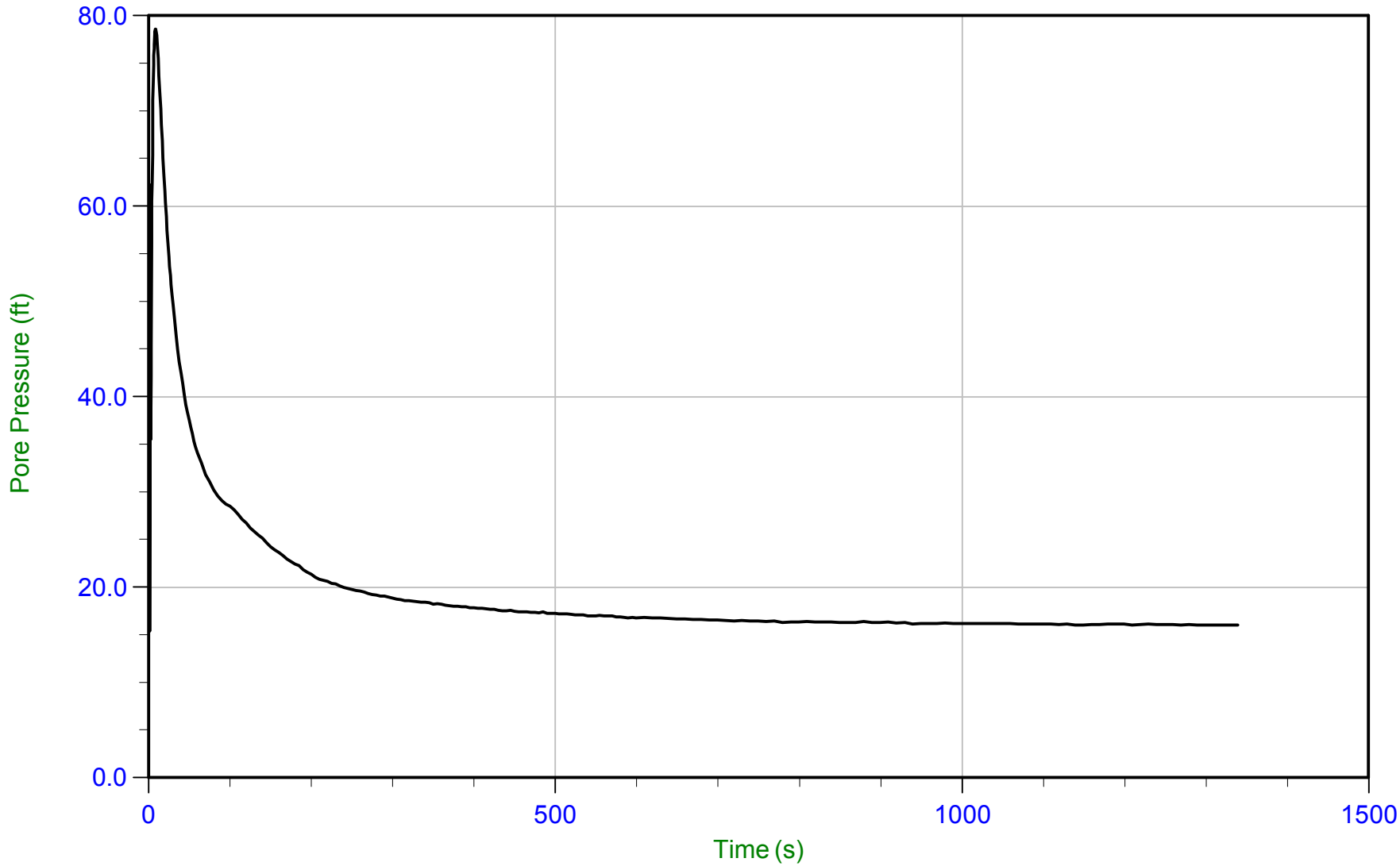
WT: 8.974 m / 29.442 ft
Ueq: 21.1 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 11:53
Site: Kaiser San Jose CPT

Sounding: CPT-07
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP07.ppf2
Depth: 12.900 m / 42.322 ft
Duration: 1339.9 s

u Min: 15.4 ft
u Max: 78.6 ft
u Final: 16.0 ft

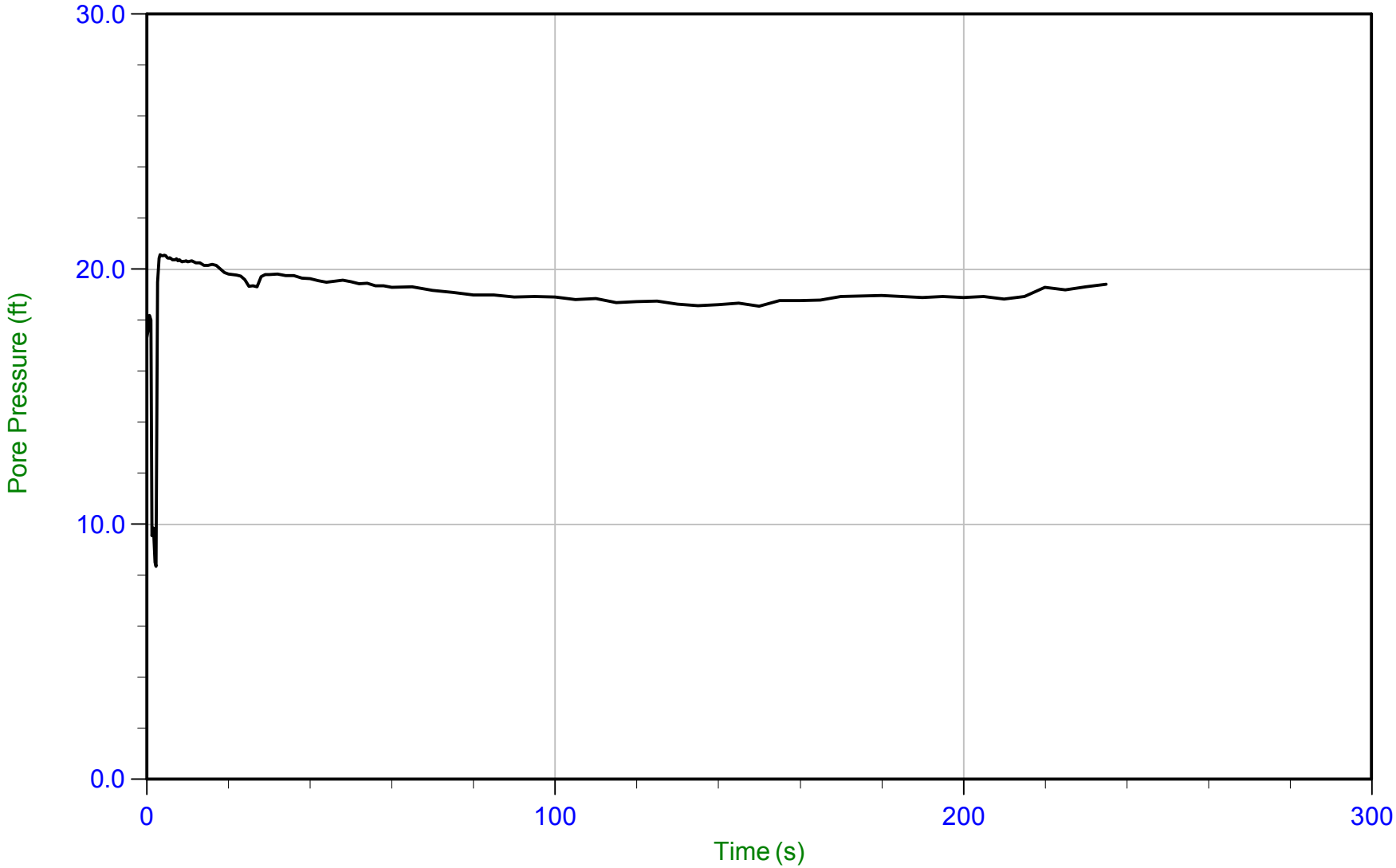
WT: 8.021 m / 26.314 ft
Ueq: 16.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 11:53
Site: Kaiser San Jose CPT

Sounding: CPT-07
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP07.ppf2
Depth: 15.400 m / 50.524 ft
Duration: 235.0 s

u Min: 8.3 ft
u Max: 20.6 ft
u Final: 19.4 ft

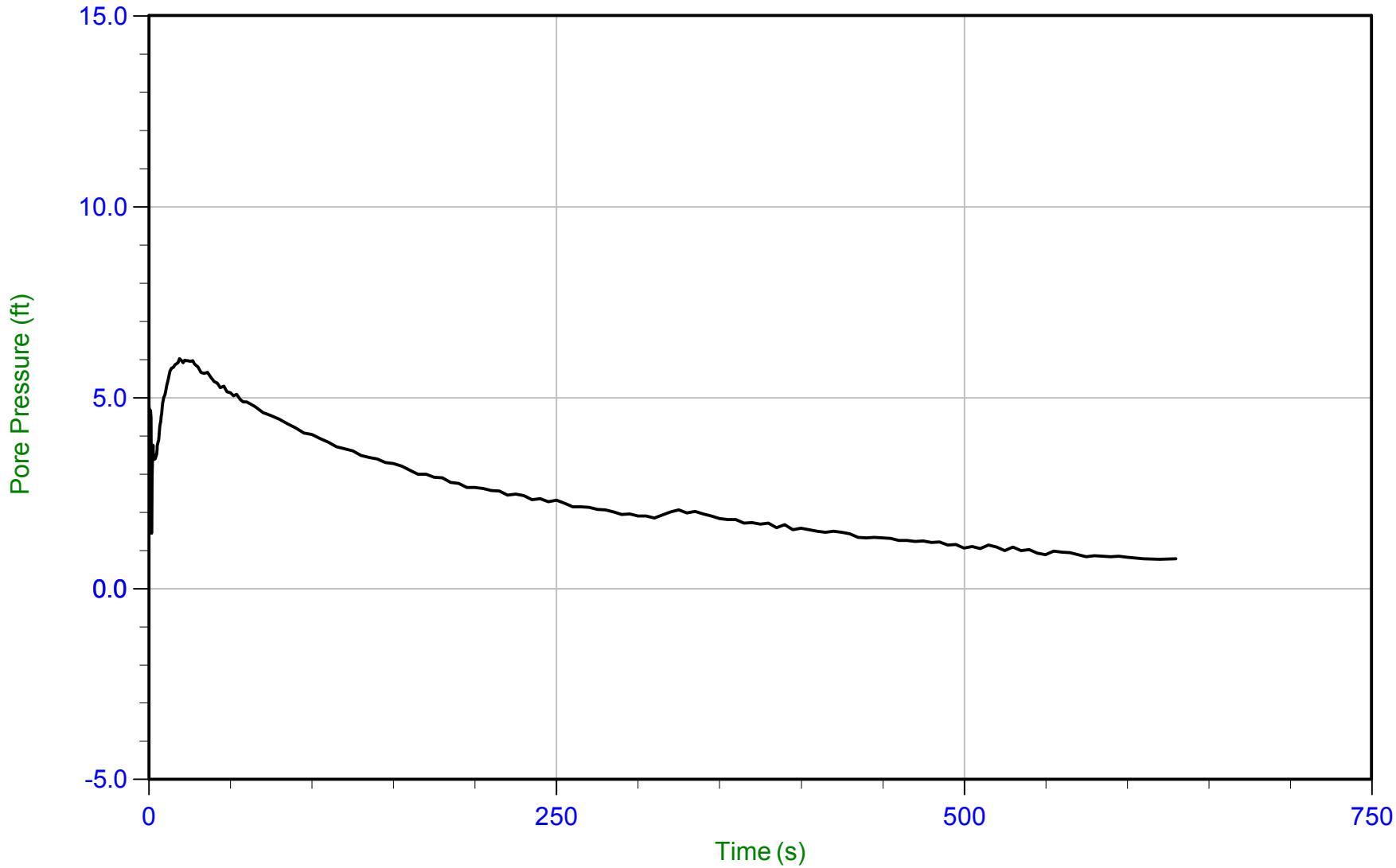
WT: 9.498 m / 31.161 ft
Ueq: 19.4 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 07:39
Site: Kaiser San Jose CPT

Sounding: CPT-08
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP08.ppf2
Depth: 7.825 m / 25.672 ft
Duration: 630.0 s

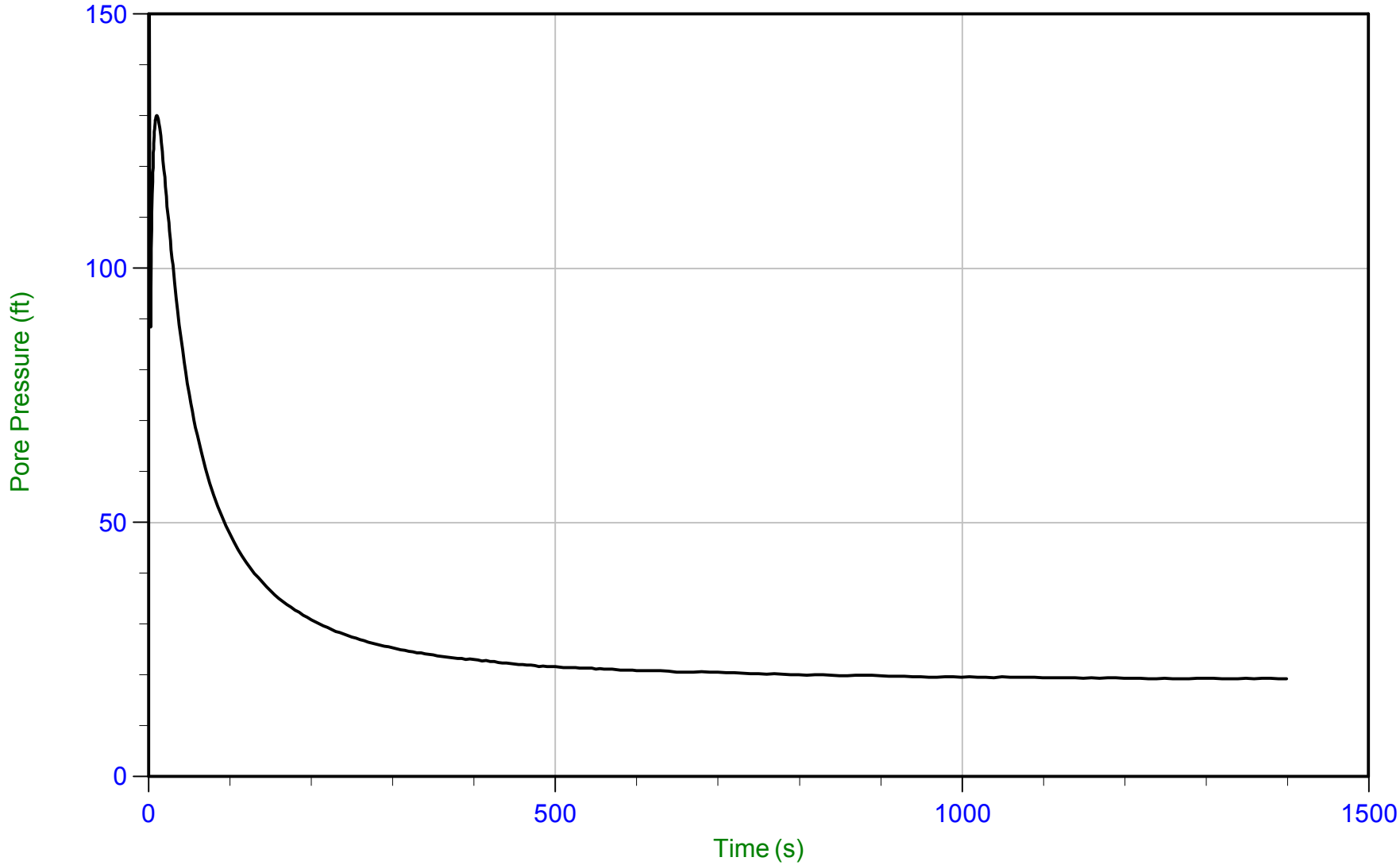
u Min: 0.8 ft
u Max: 6.0 ft
u Final: 0.8 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 07:39
Site: Kaiser San Jose CPT

Sounding: CPT-08
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP08.ppf2
Depth: 15.400 m / 50.524 ft
Duration: 1399.9 s

u Min: 0.0 ft
u Max: 165.6 ft
u Final: 19.2 ft

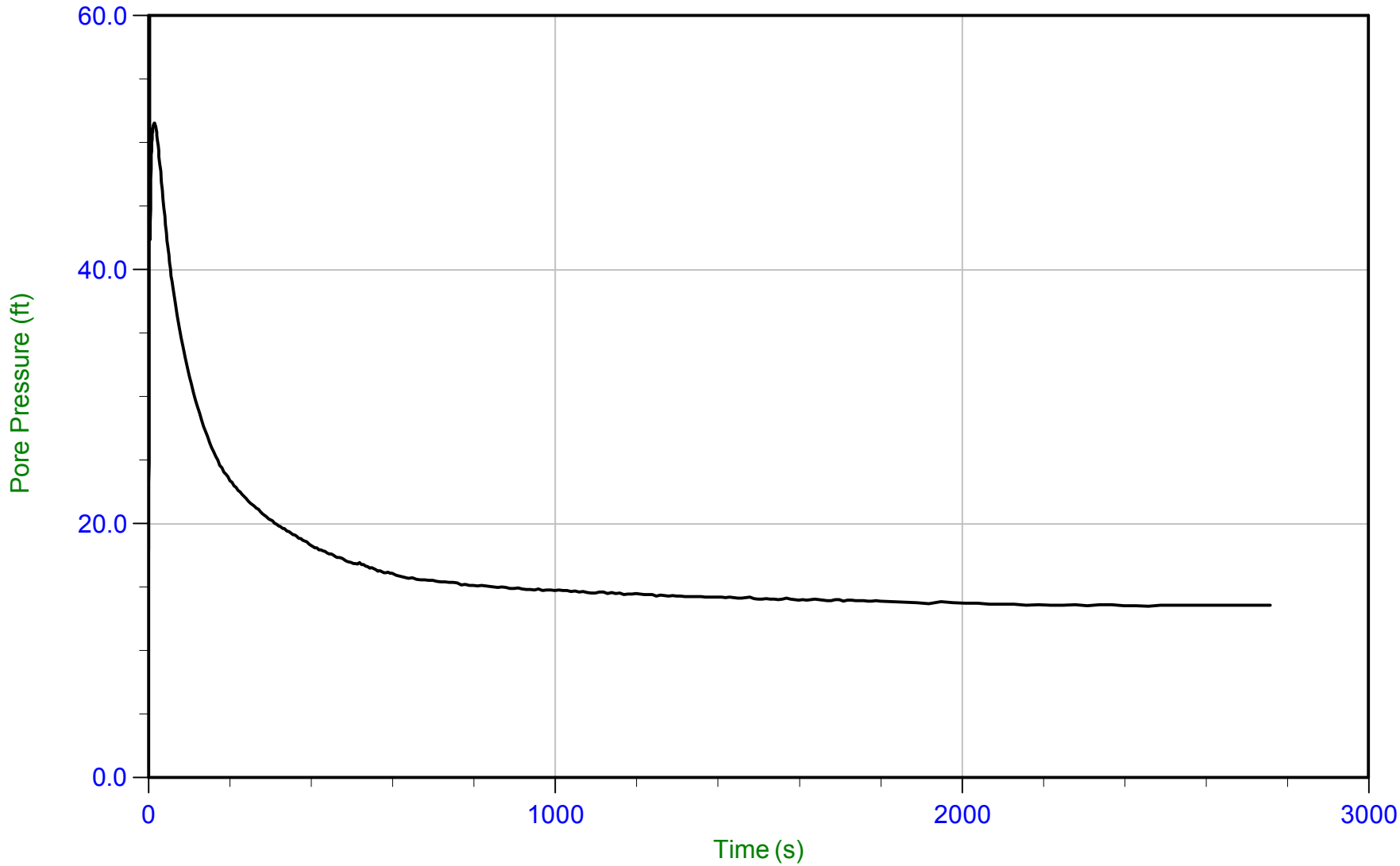
WT: 9.556 m / 31.353 ft
Ueq: 19.2 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/11/2023 07:30
Site: Kaiser San Jose CPT

Sounding: CPT-09
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP09.ppf2
Depth: 11.825 m / 38.795 ft
Duration: 2759.7 s

u Min: 13.5 ft
u Max: 75.0 ft
u Final: 13.6 ft

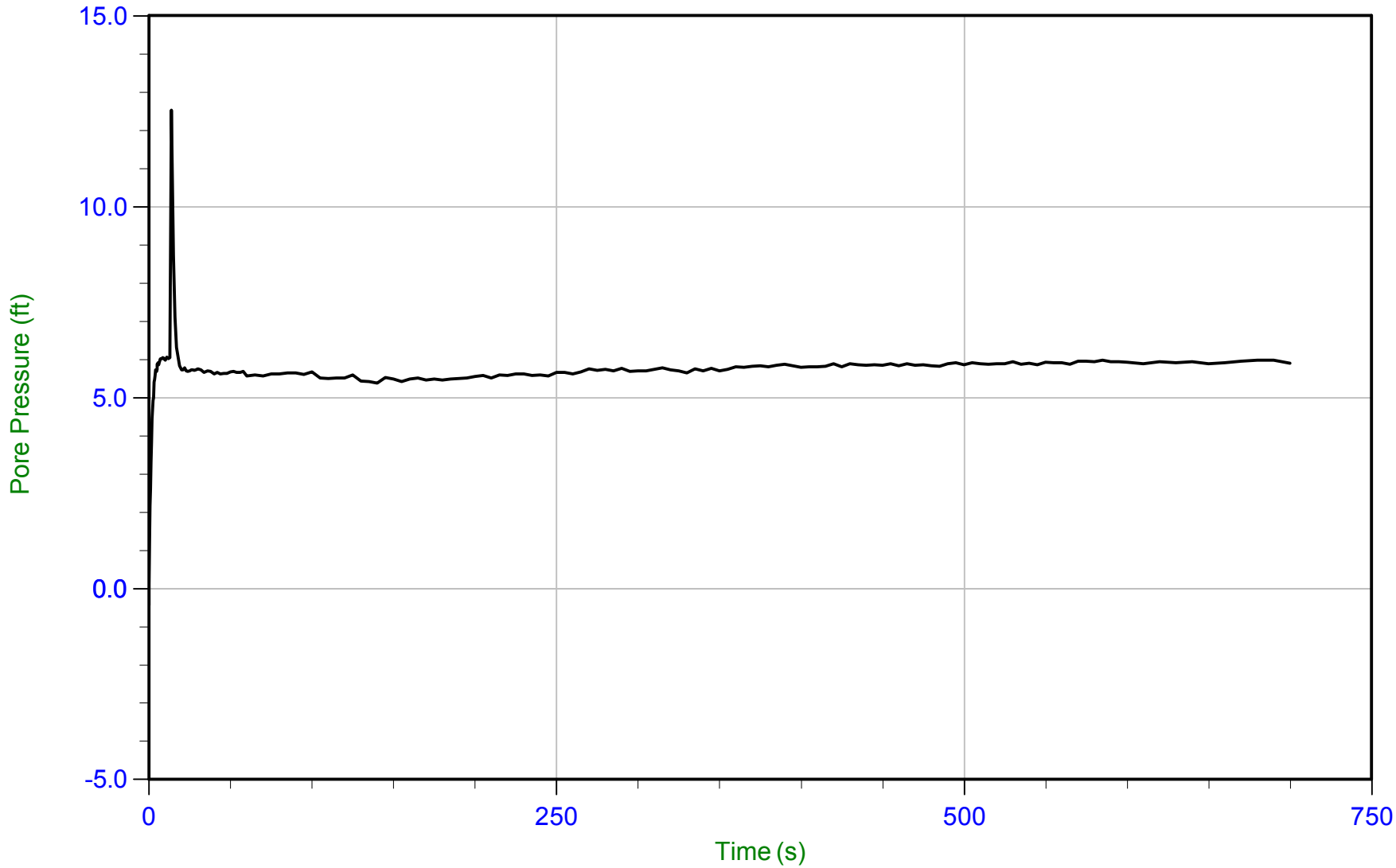
WT: 7.683 m / 25.208 ft
Ueq: 13.6 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/10/2023 10:37
Site: Kaiser San Jose CPT

Sounding: CPT-10
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP10.ppf2
Depth: 9.300 m / 30.511 ft
Duration: 700.0 s

u Min: -0.4 ft
u Max: 12.5 ft
u Final: 5.9 ft

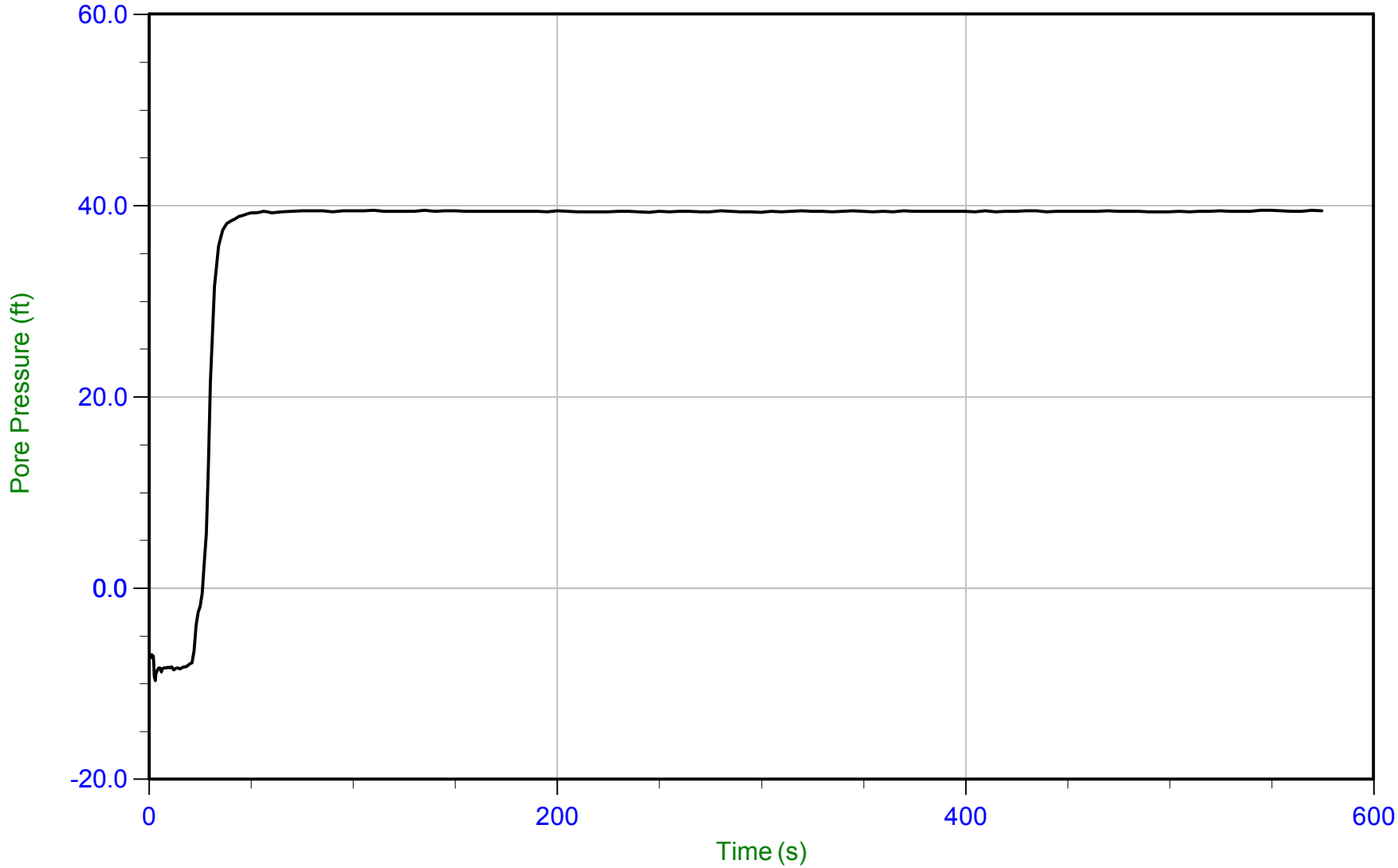
WT: 7.491 m / 24.577 ft
Ueq: 5.9 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/11/2023 10:08
Site: Kaiser San Jose CPT

Sounding: CPT-11
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP11.ppf2
Depth: 21.725 m / 71.275 ft
Duration: 579.9 s

u Min: -9.7 ft
u Max: 39.5 ft
u Final: 11.3 ft

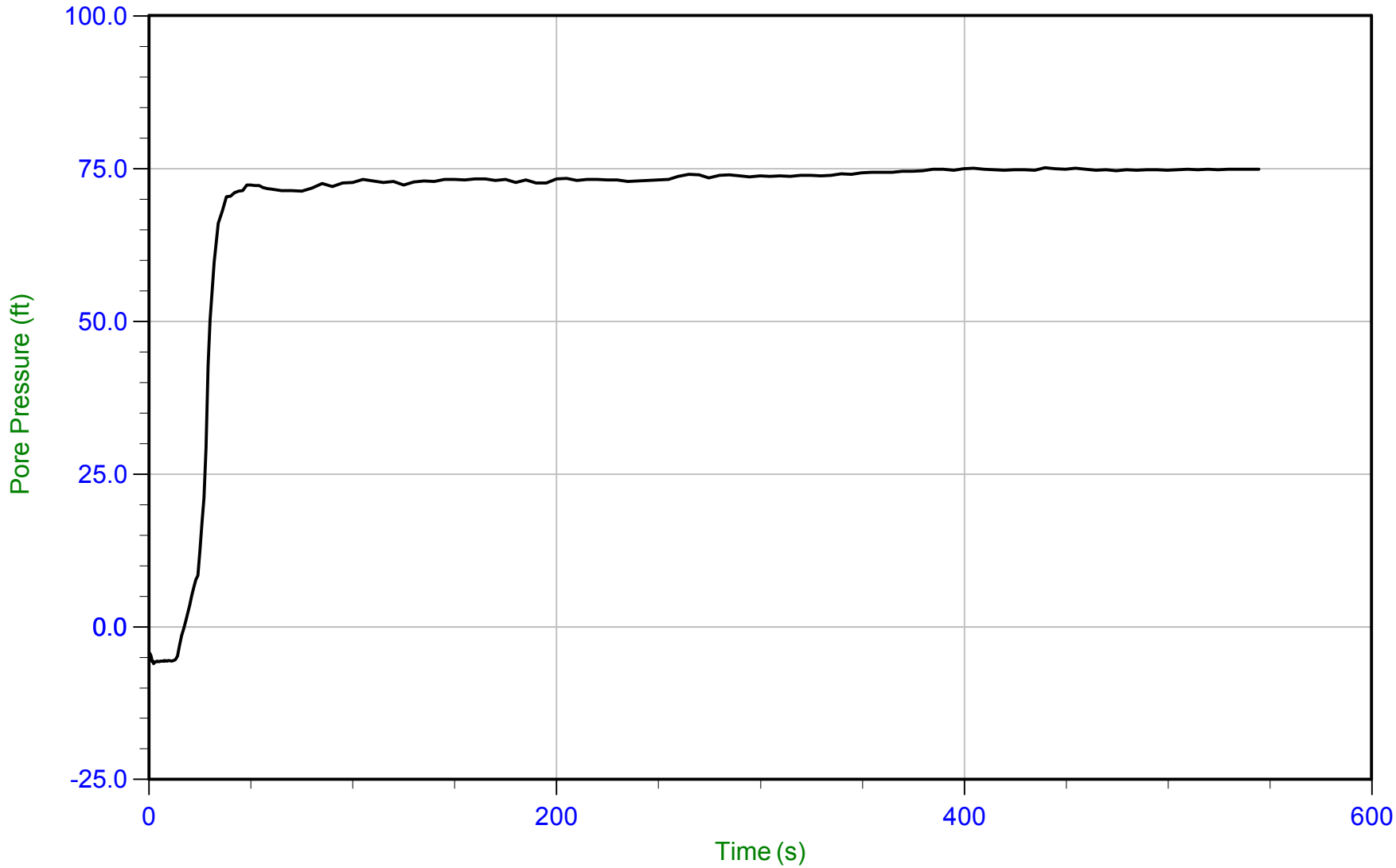
WT: 9.695 m / 31.807 ft
Ueq: 39.5 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/11/2023 10:08
Site: Kaiser San Jose CPT

Sounding: CPT-11
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP11.ppf2
Depth: 33.000 m / 108.266 ft
Duration: 544.9 s

u Min: -6.0 ft
u Max: 75.1 ft
u Final: 74.9 ft

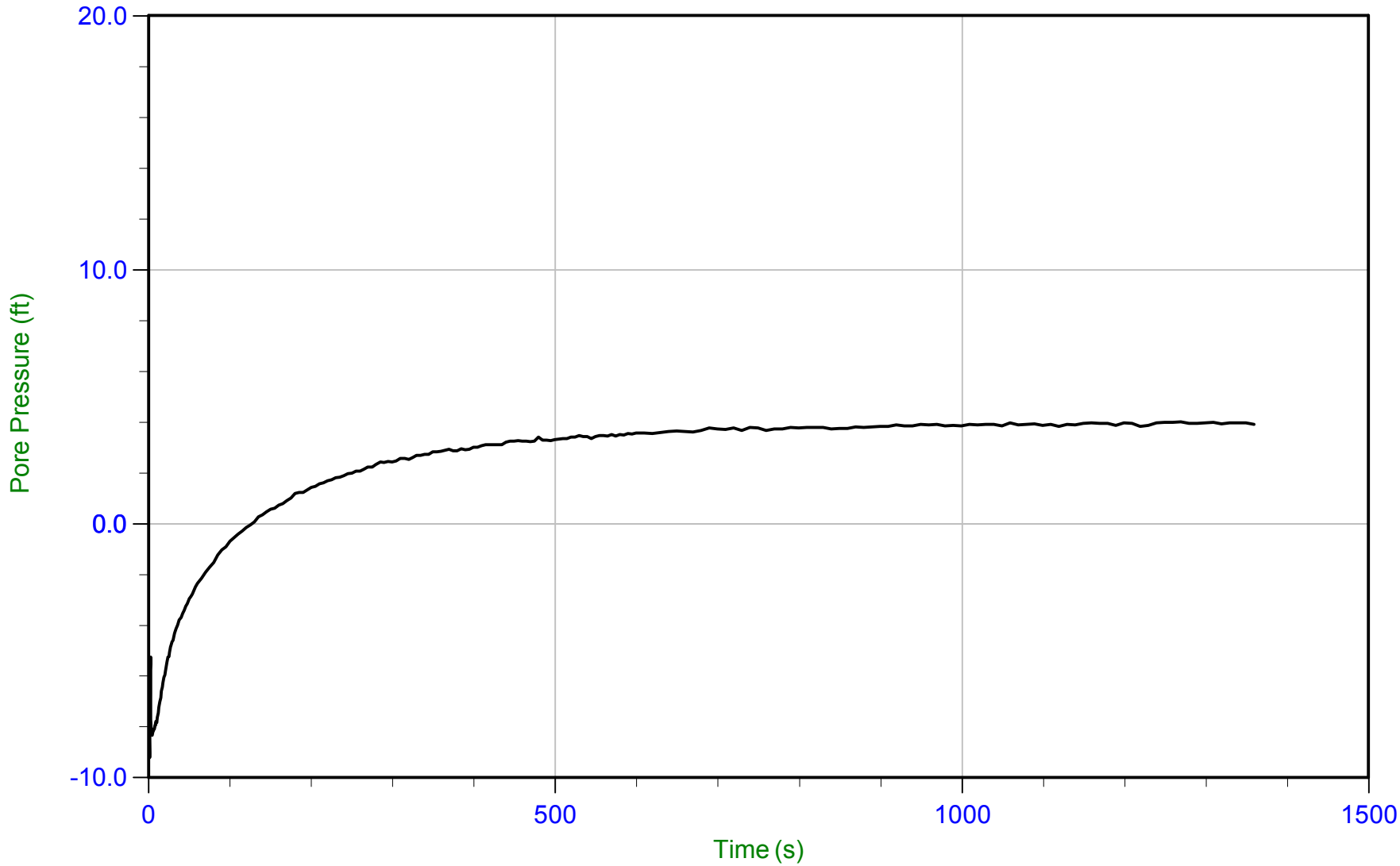
WT: 10.169 m / 33.363 ft
Ueq: 74.9 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/11/2023 13:36
Site: Kaiser San Jose CPT

Sounding: CPT-12
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP12.ppf2
Depth: 9.725 m / 31.906 ft
Duration: 1359.8 s

u Min: -9.2 ft
u Max: 4.0 ft
u Final: 3.9 ft

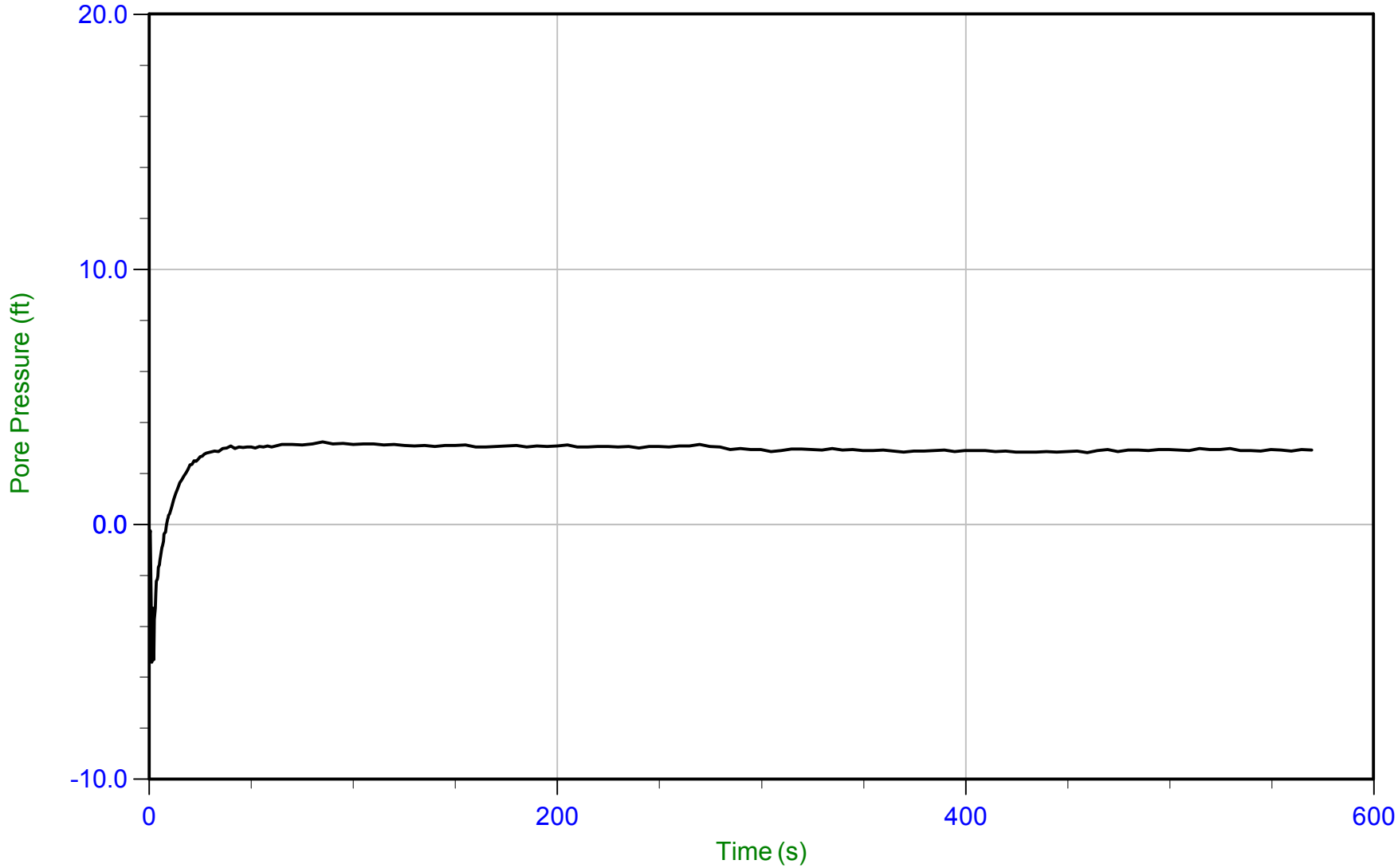
WT: 8.517 m / 27.944 ft
Ueq: 4.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/12/2023 07:19
Site: Kaiser San Jose CPT

Sounding: CPT-13
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP13.ppf2
Depth: 8.700 m / 28.543 ft
Duration: 569.9 s

u Min: -5.4 ft
u Max: 3.2 ft
u Final: 2.9 ft

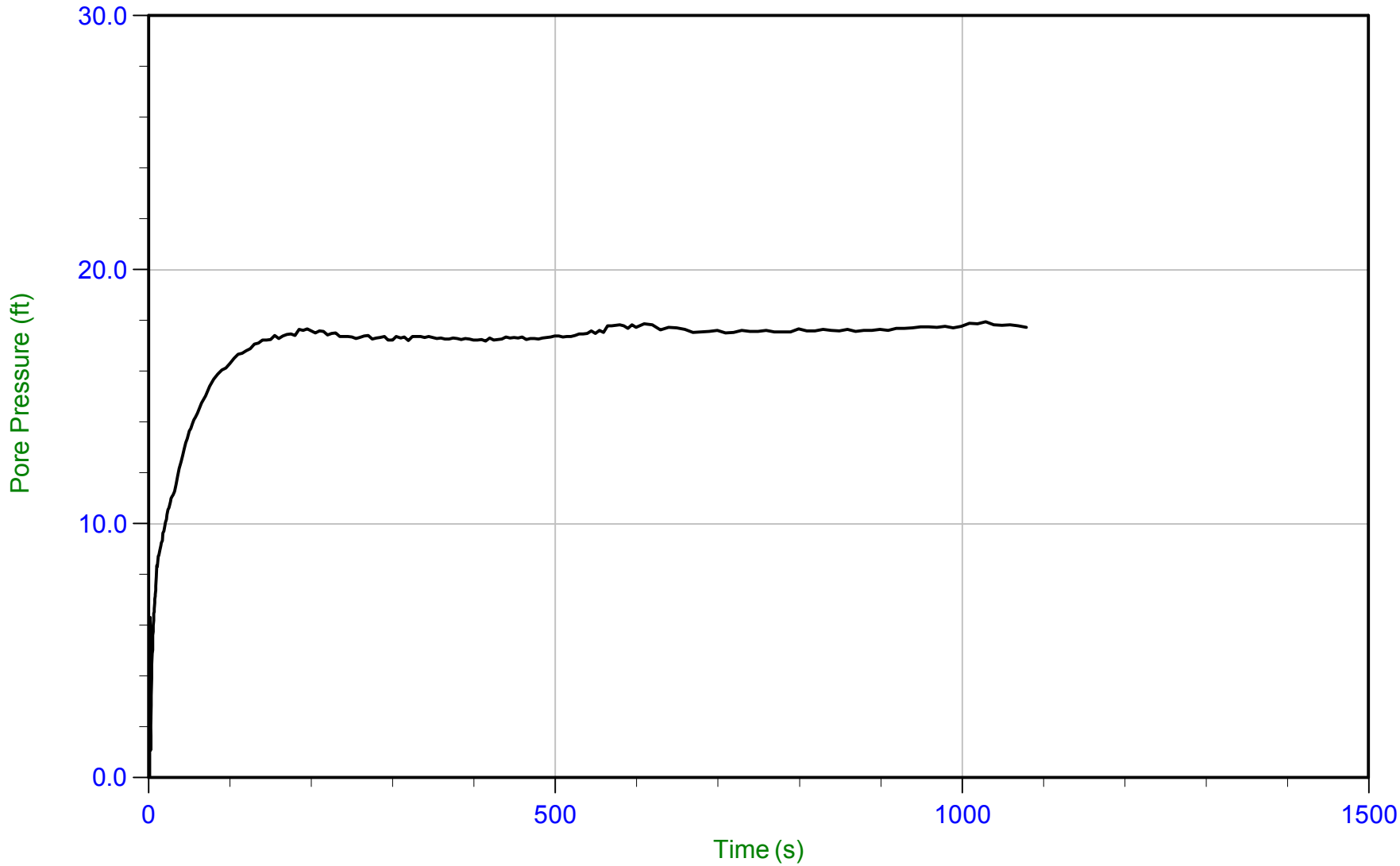
WT: 7.811 m / 25.626 ft
Ueq: 2.9 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/12/2023 07:19
Site: Kaiser San Jose CPT

Sounding: CPT-13
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP13.ppf2
Depth: 14.825 m / 48.638 ft
Duration: 1079.8 s

u Min: -4.3 ft
u Max: 18.0 ft
u Final: 17.7 ft

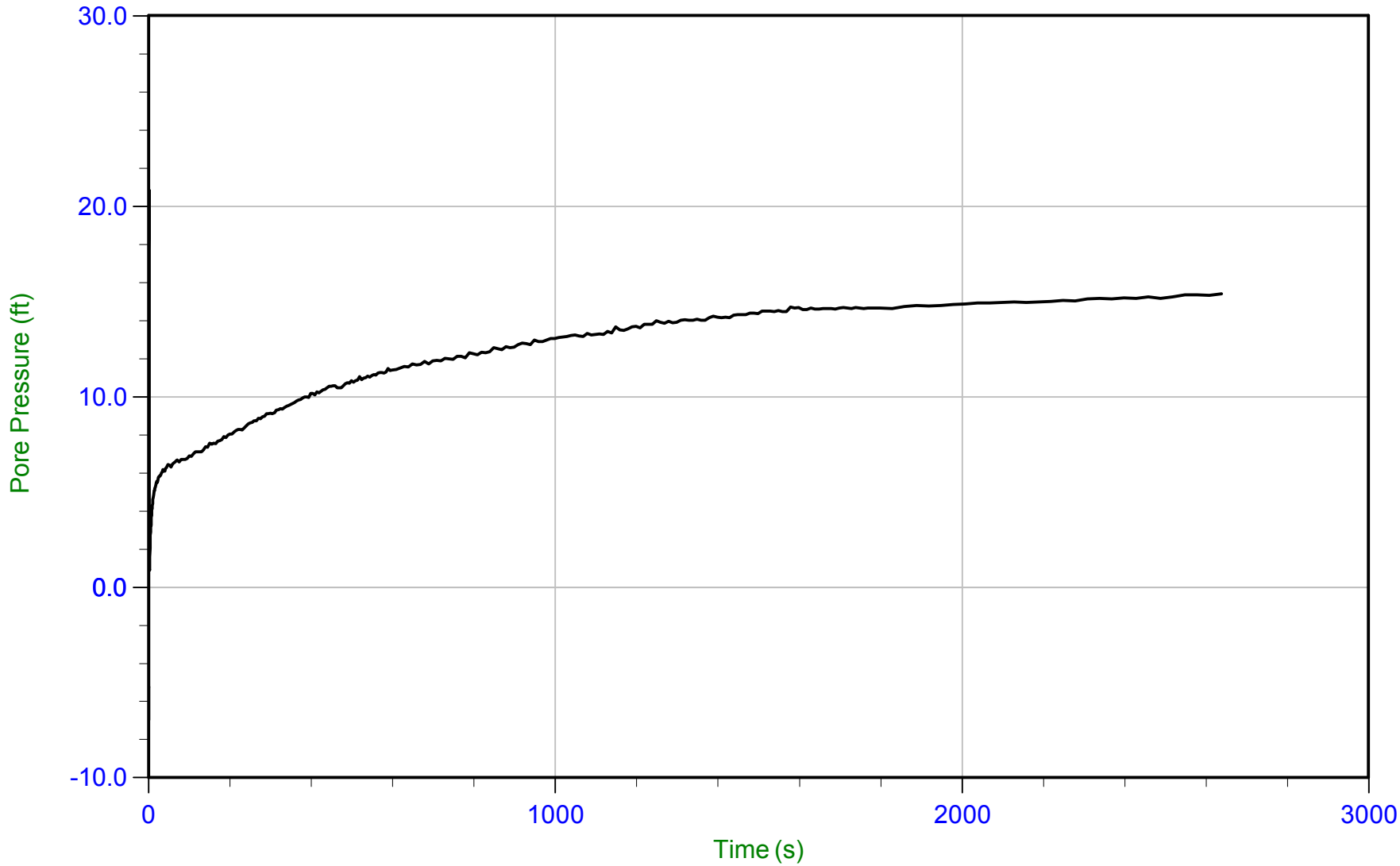
WT: 9.408 m / 30.867 ft
Ueq: 17.8 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/12/2023 10:25
Site: Kaiser San Jose CPT

Sounding: CPT-14
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_SP14.ppf2
Depth: 8.850 m / 29.035 ft
Duration: 2639.5 s

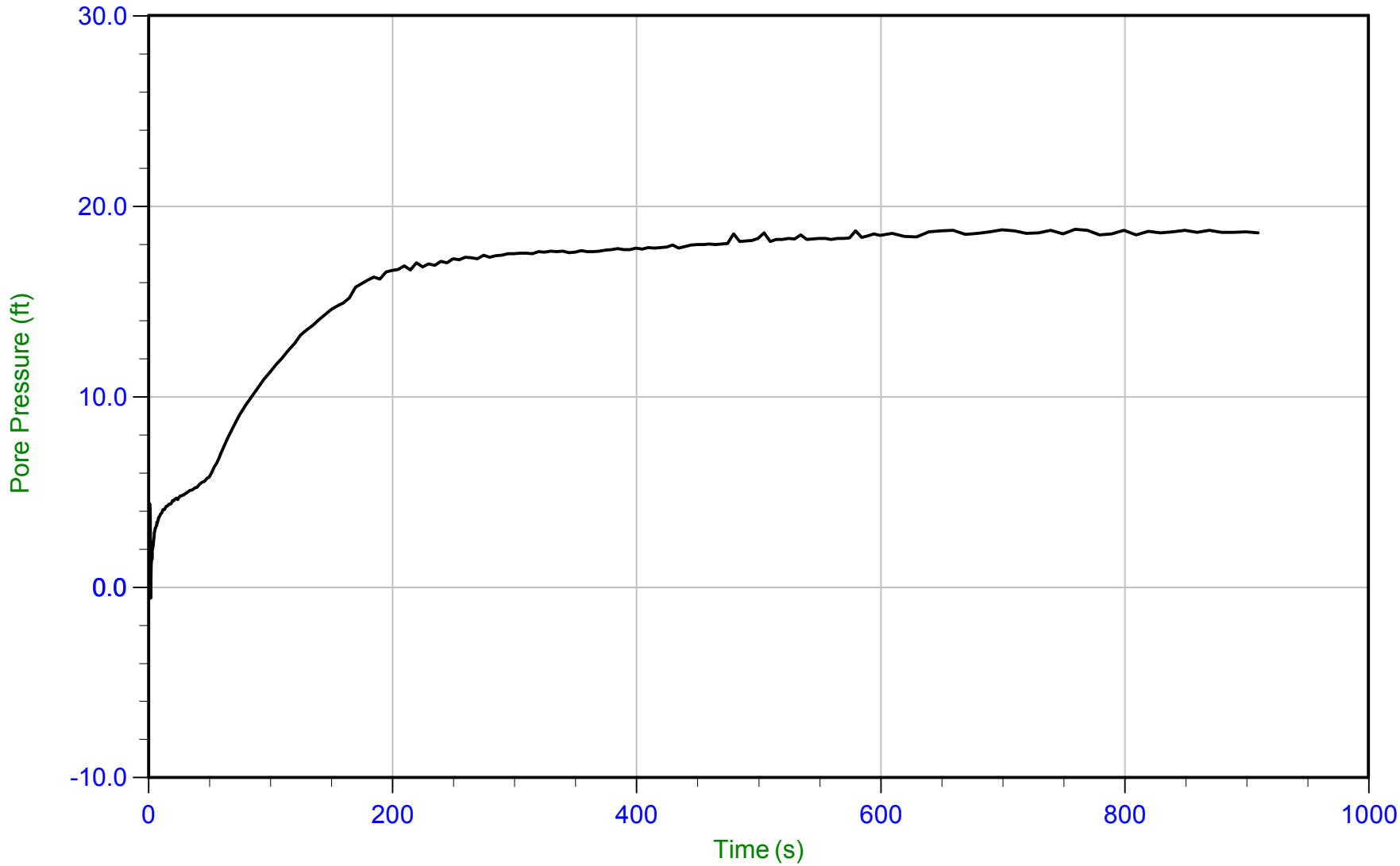
u Min: -7.0 ft
u Max: 20.8 ft
u Final: 15.4 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/12/2023 10:25
Site: Kaiser San Jose CPT

Sounding: CPT-14
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_SP14.ppf2
Depth: 14.825 m / 48.638 ft
Duration: 909.8 s

u Min: -0.6 ft
u Max: 18.8 ft
u Final: 18.6 ft

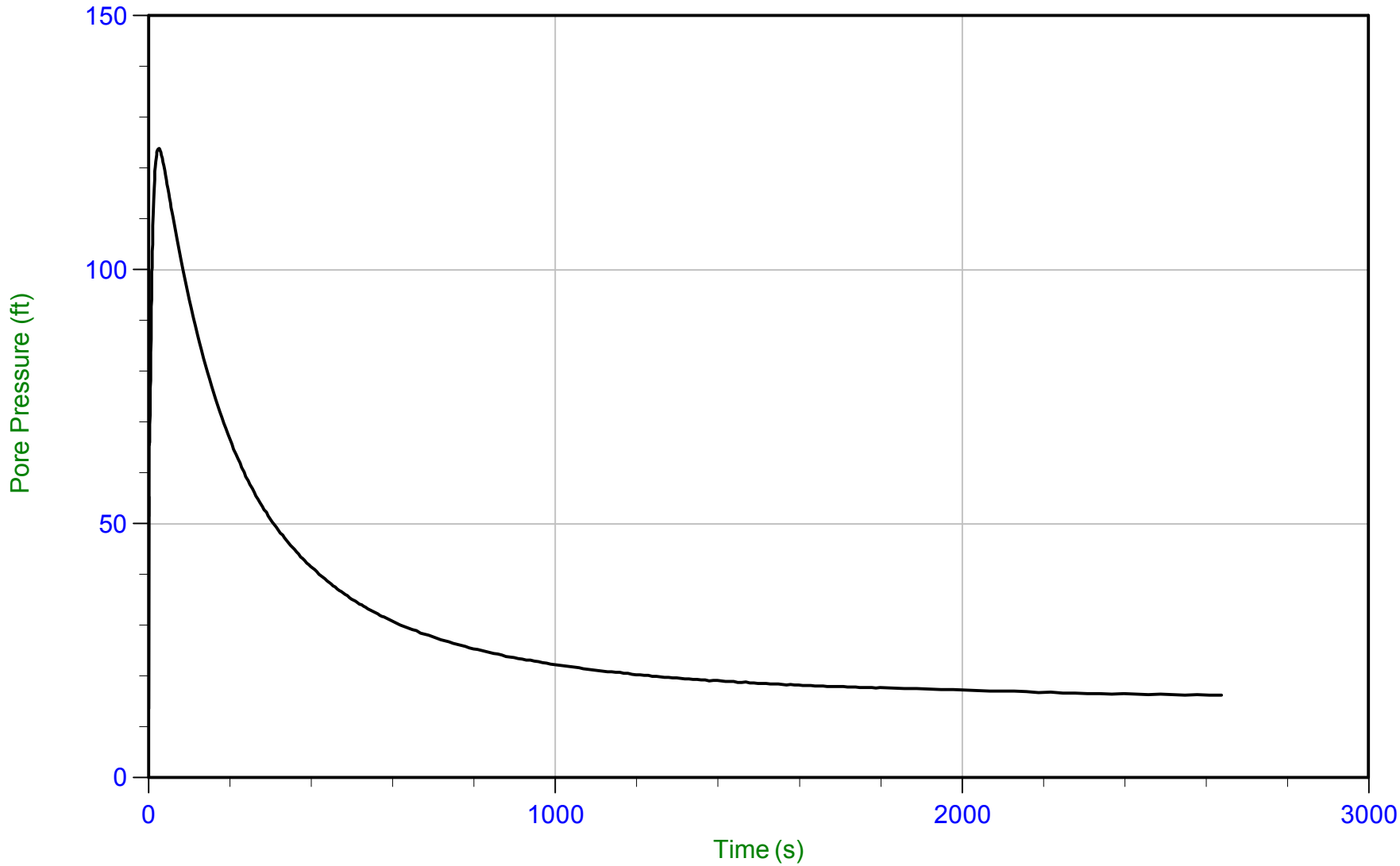
WT: 9.150 m / 30.018 ft
Ueq: 18.6 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/11/2023 12:07
Site: Kaiser San Jose CPT

Sounding: CPT-15
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP15.ppf2
Depth: 12.925 m / 42.404 ft
Duration: 2639.6 s

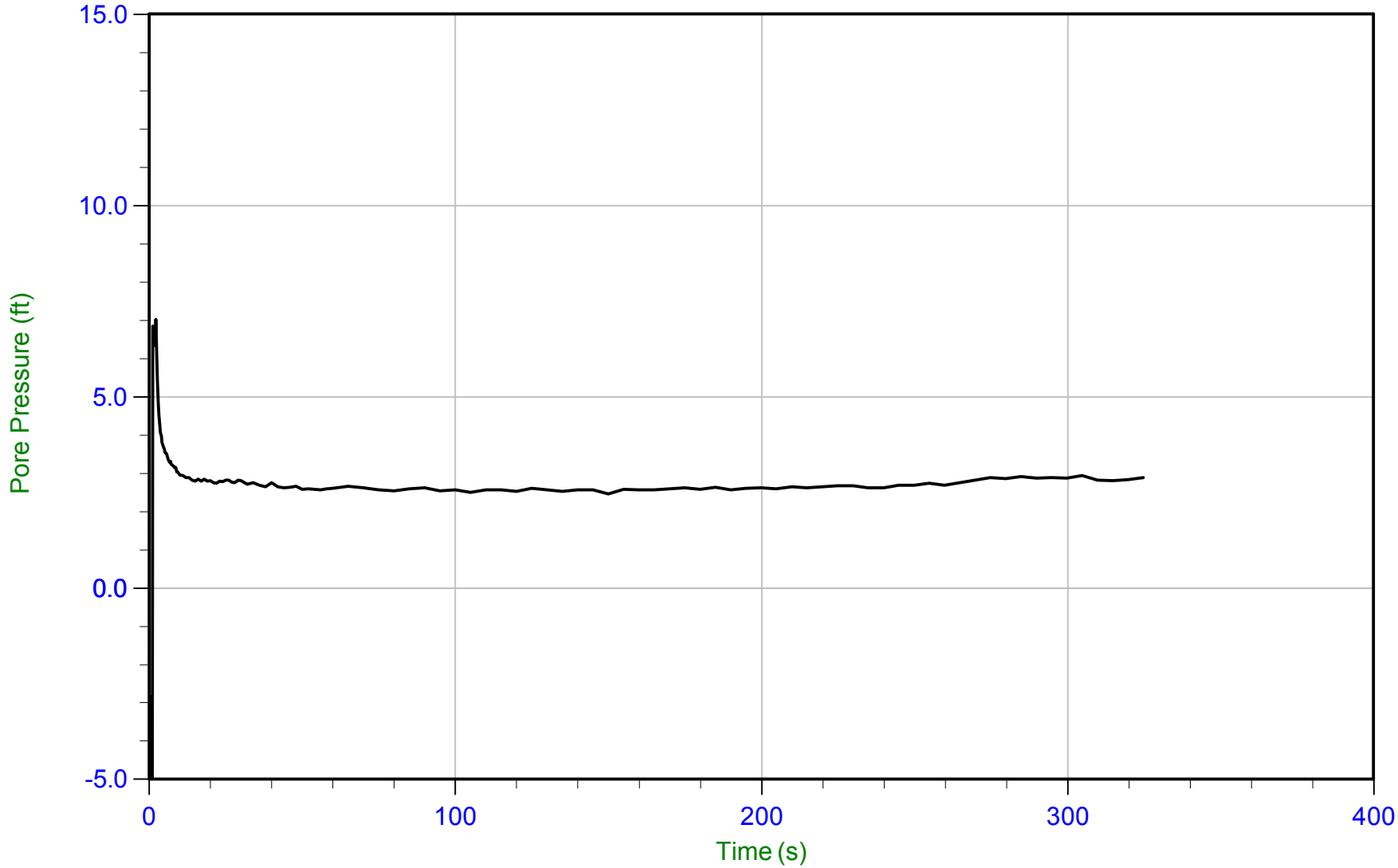
u Min: 13.5 ft
u Max: 123.9 ft
u Final: 16.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/12/2023 09:24
Site: Kaiser San Jose CPT

Sounding: CPT-16
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP16.ppf2
Depth: 8.925 m / 29.281 ft
Duration: 324.9 s

u Min: -6.0 ft
u Max: 7.0 ft
u Final: 2.9 ft

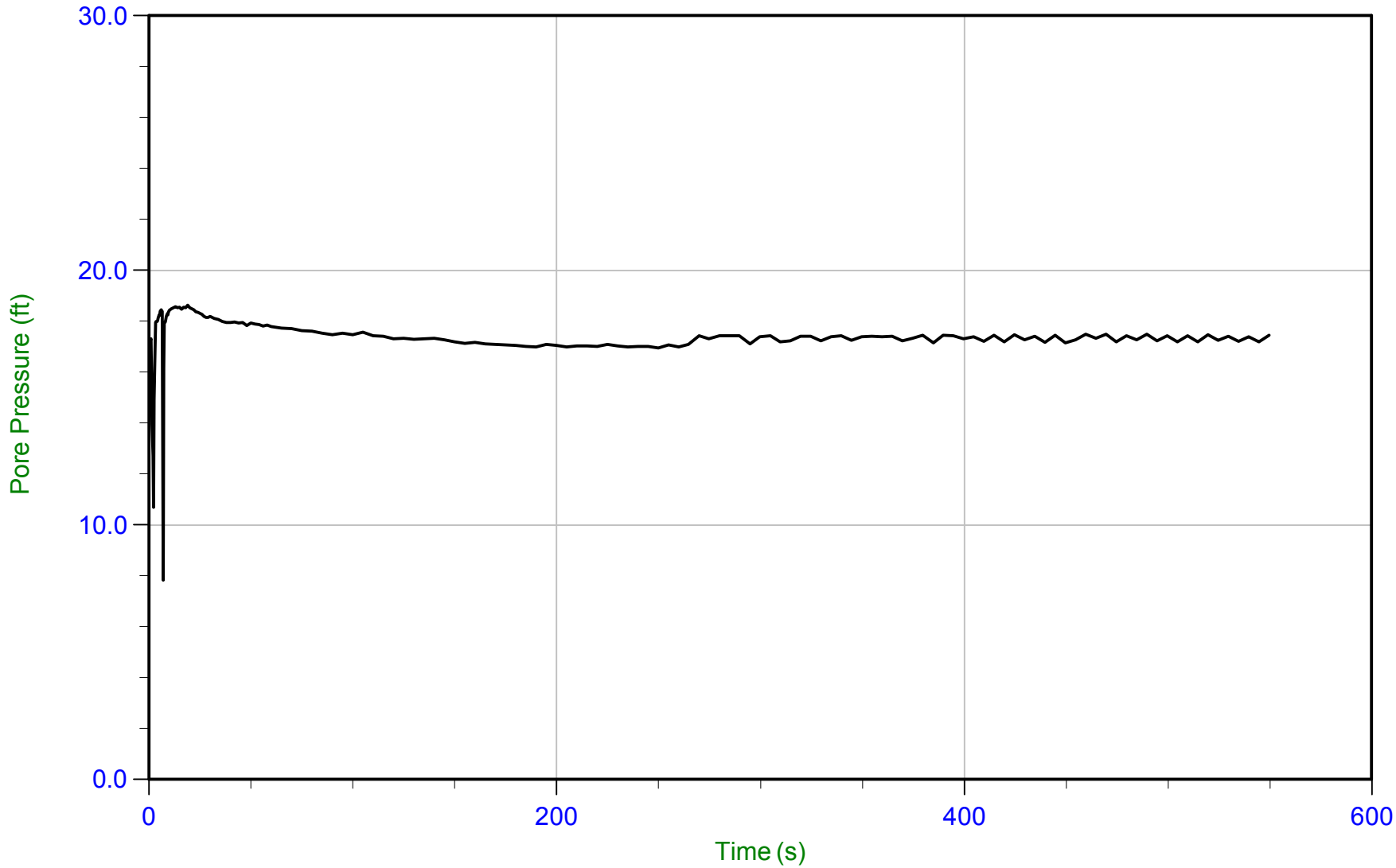
WT: 8.051 m / 26.415 ft
Ueq: 2.9 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/12/2023 13:04
Site: Kaiser San Jose CPT

Sounding: CPT-17
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP17.ppf2
Depth: 15.350 m / 50.360 ft
Duration: 549.9 s

u Min: 7.8 ft
u Max: 18.6 ft
u Final: 17.5 ft

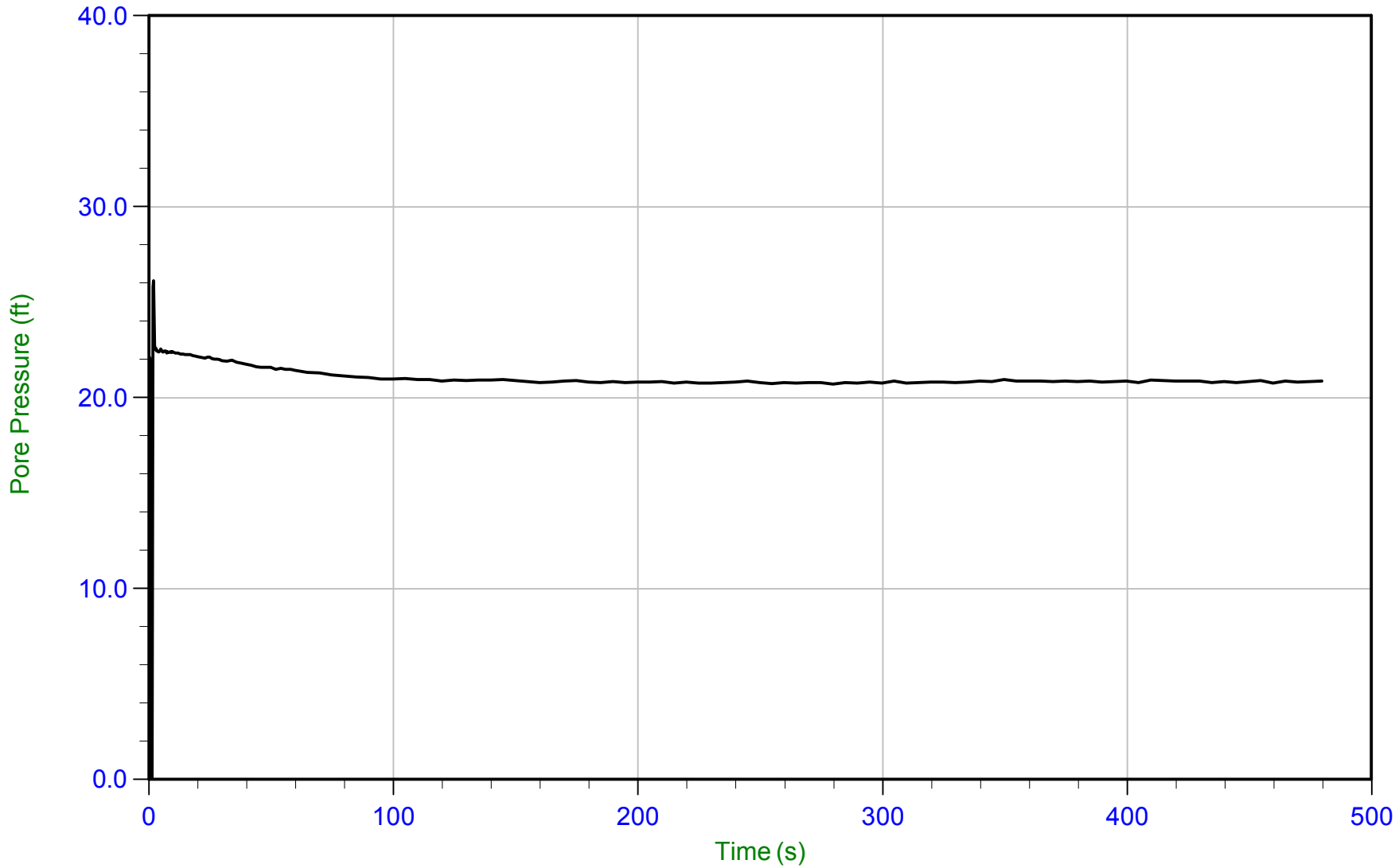
WT: 10.069 m / 33.036 ft
Ueq: 17.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/16/2023 13:03
Site: Kaiser San Jose CPT

Sounding: CPT-18
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP18.ppf2
Depth: 15.775 m / 51.755 ft
Duration: 479.9 s

u Min: -1.5 ft
u Max: 26.1 ft
u Final: 20.9 ft

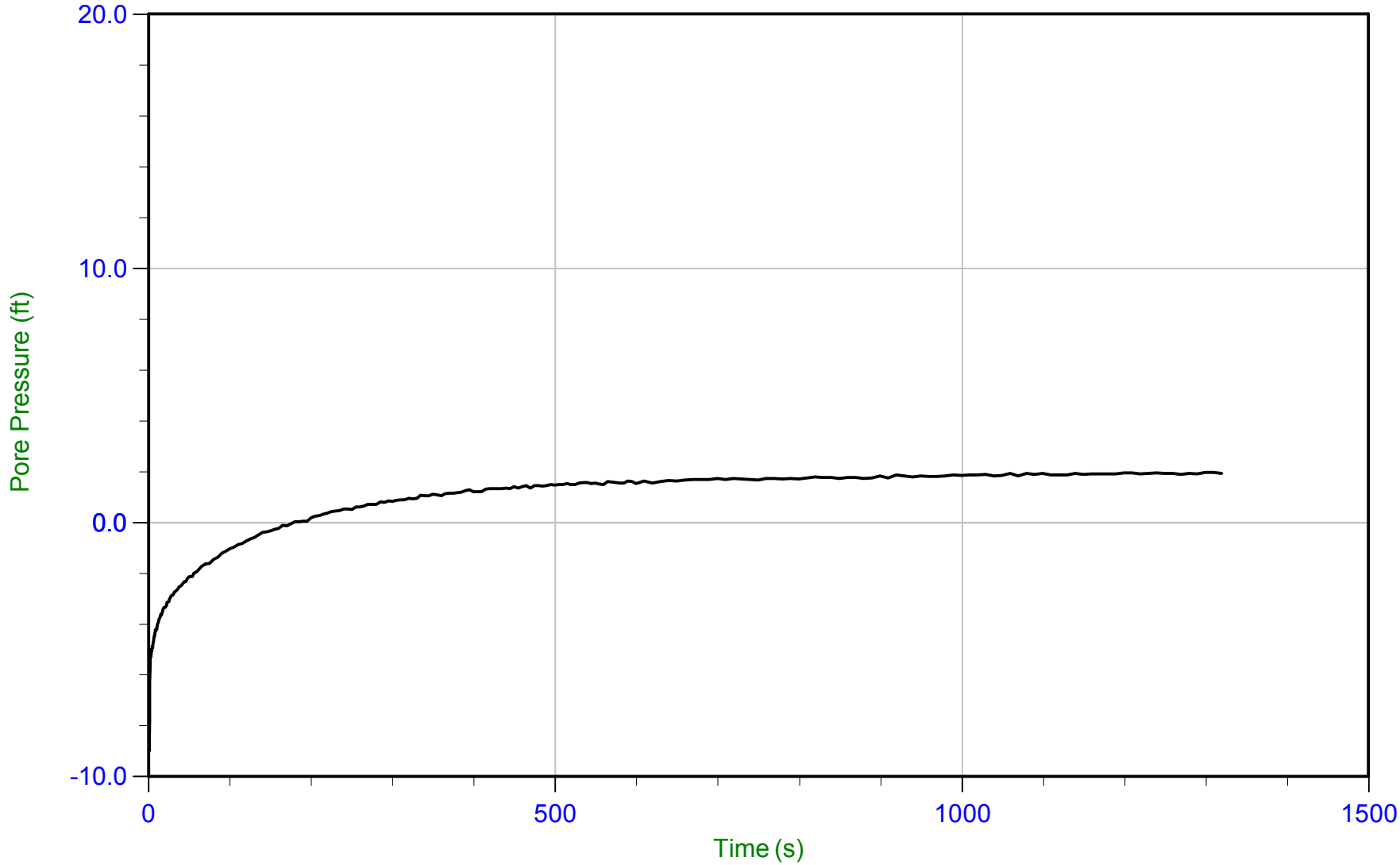
WT: 9.417 m / 30.895 ft
Ueq: 20.9 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/16/2023 11:33
Site: Kaiser San Jose CPT

Sounding: CPT-19
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP19.ppf2
Depth: 9.000 m / 29.527 ft
Duration: 1319.8 s

u Min: -9.0 ft
u Max: 2.0 ft
u Final: 1.9 ft

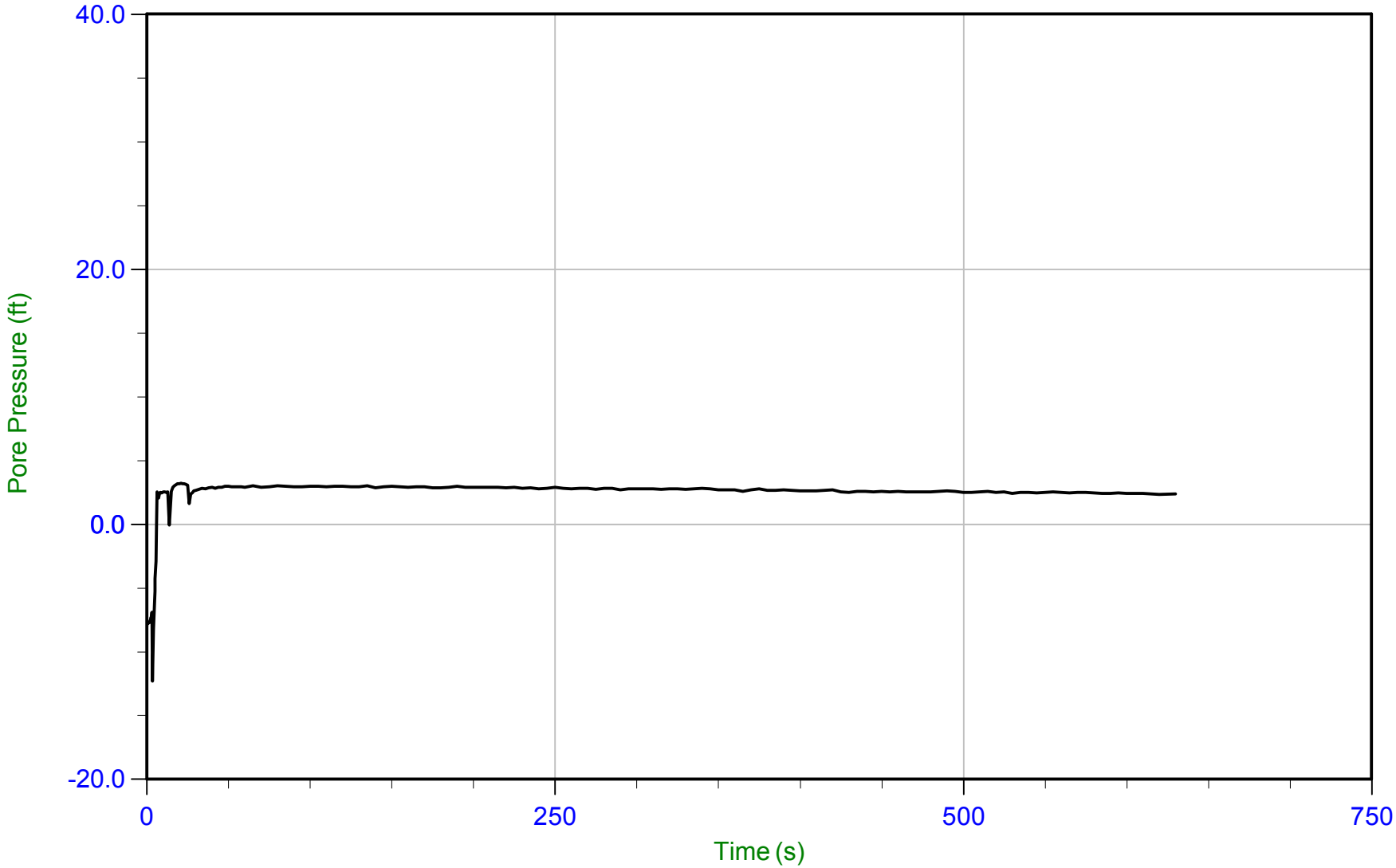
WT: 8.406 m / 27.578 ft
Ueq: 1.9 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/26/2023 08:47
Site: Kaiser San Jose CPT

Sounding: CPT-20
Cone: 795:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP20.ppf2
Depth: 7.525 m / 24.688 ft
Duration: 630.0 s

u Min: -12.3 ft
u Max: 3.2 ft
u Final: 2.4 ft

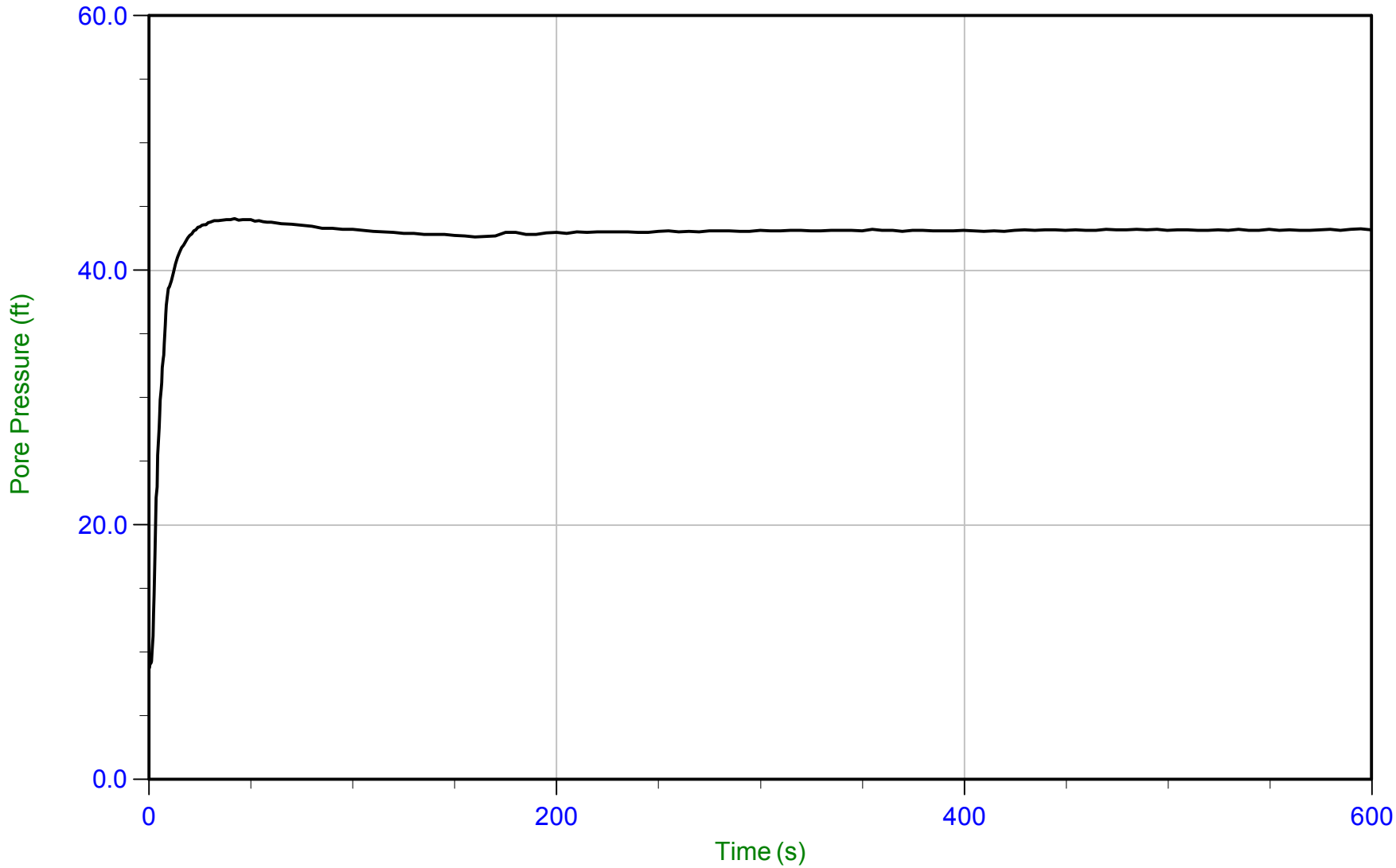
WT: 6.810 m / 22.342 ft
Ueq: 2.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/16/2023 07:09
Site: Kaiser San Jose CPT

Sounding: CPT-21
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP21.ppf2
Depth: 22.950 m / 75.294 ft
Duration: 599.9 s

u Min: 8.7 ft
u Max: 44.0 ft
u Final: 43.2 ft

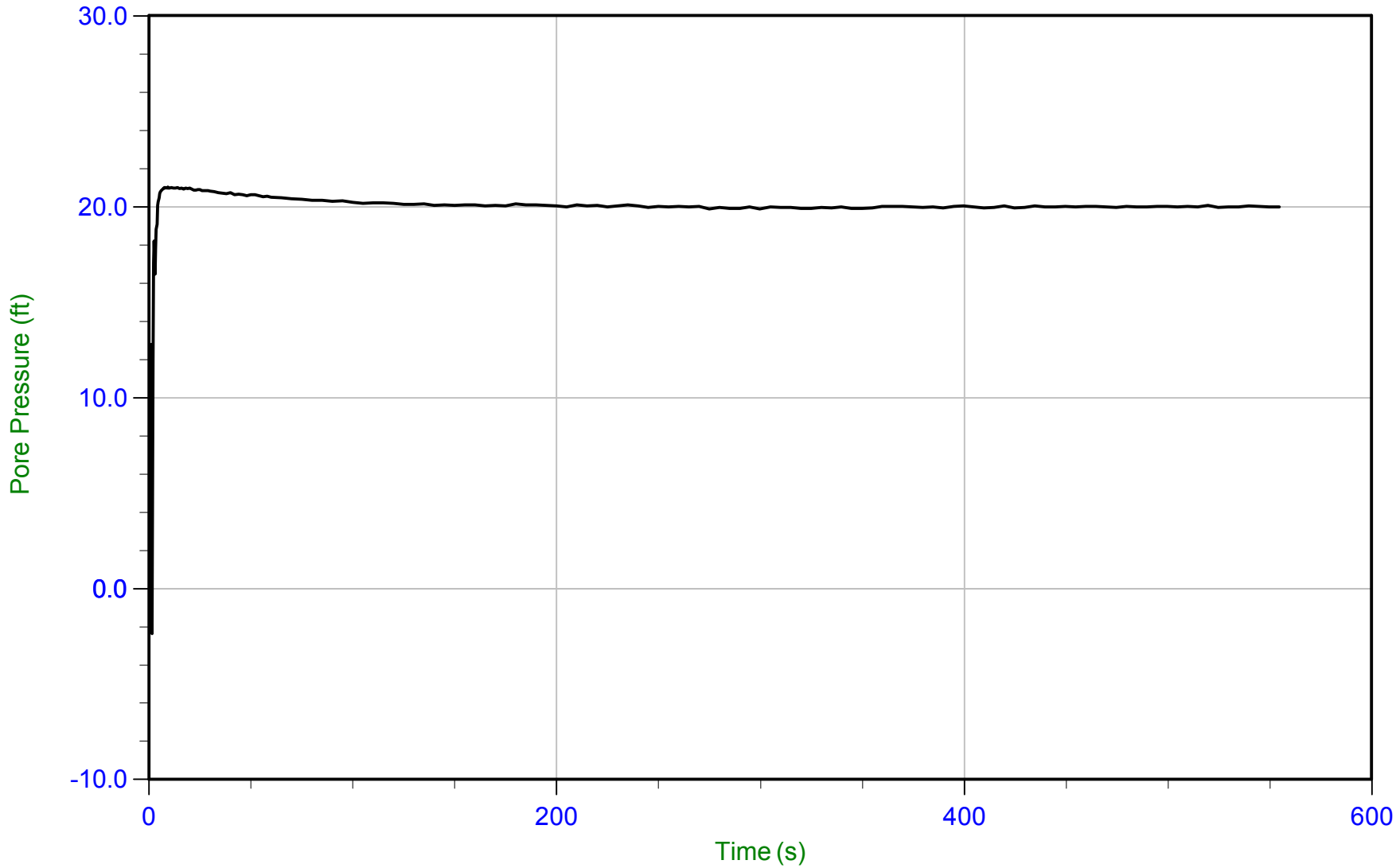
WT: 9.781 m / 32.089 ft
Ueq: 43.2 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/16/2023 08:33
Site: Kaiser San Jose CPT

Sounding: CPT-22
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP22.ppf2
Depth: 15.800 m / 51.837 ft
Duration: 554.9 s

u Min: -2.4 ft
u Max: 21.0 ft
u Final: 20.0 ft

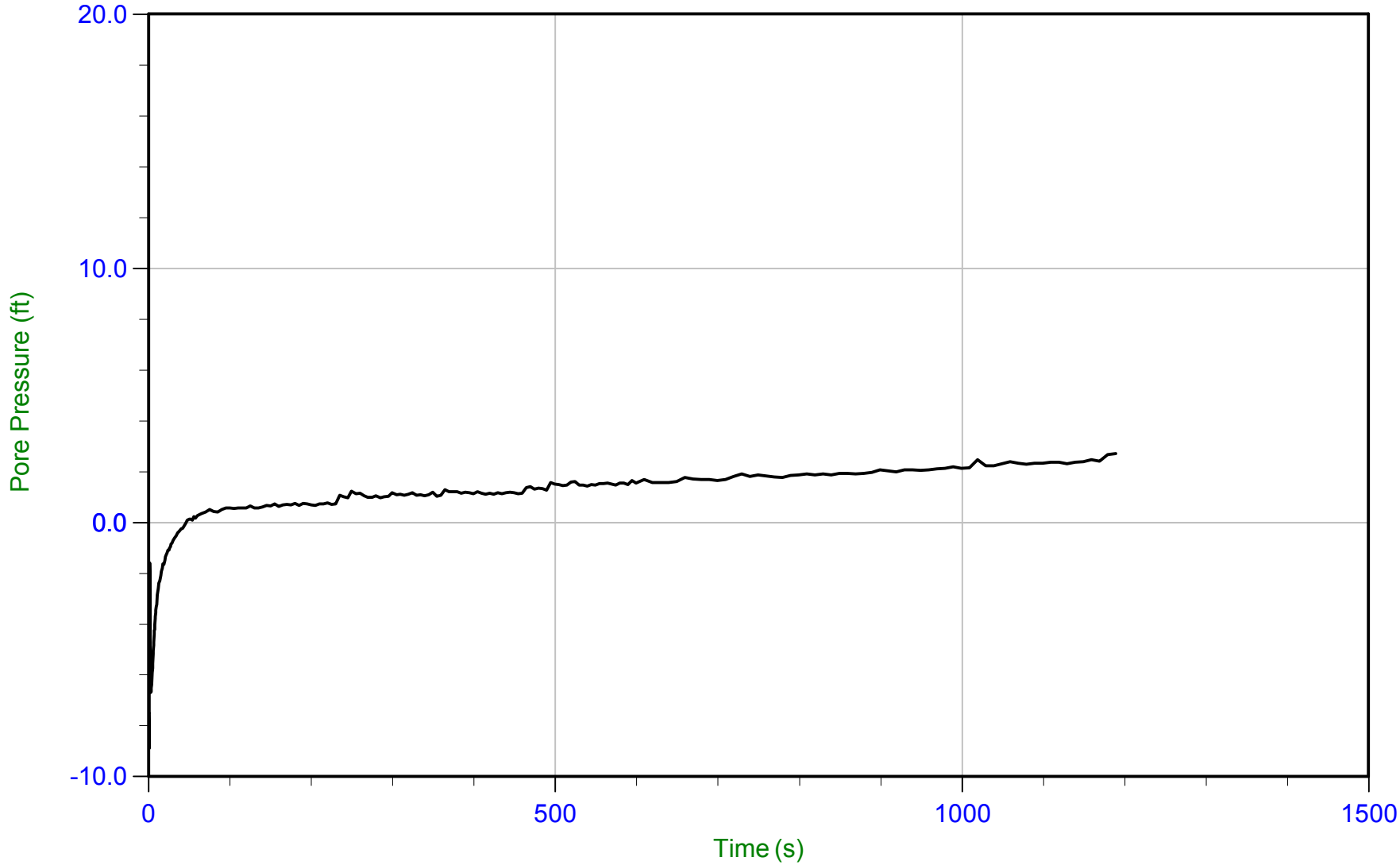
WT: 9.714 m / 31.869 ft
Ueq: 20.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/16/2023 09:55
Site: Kaiser San Jose CPT

Sounding: CPT-23
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP23.ppf2
Depth: 8.600 m / 28.215 ft
Duration: 1189.8 s

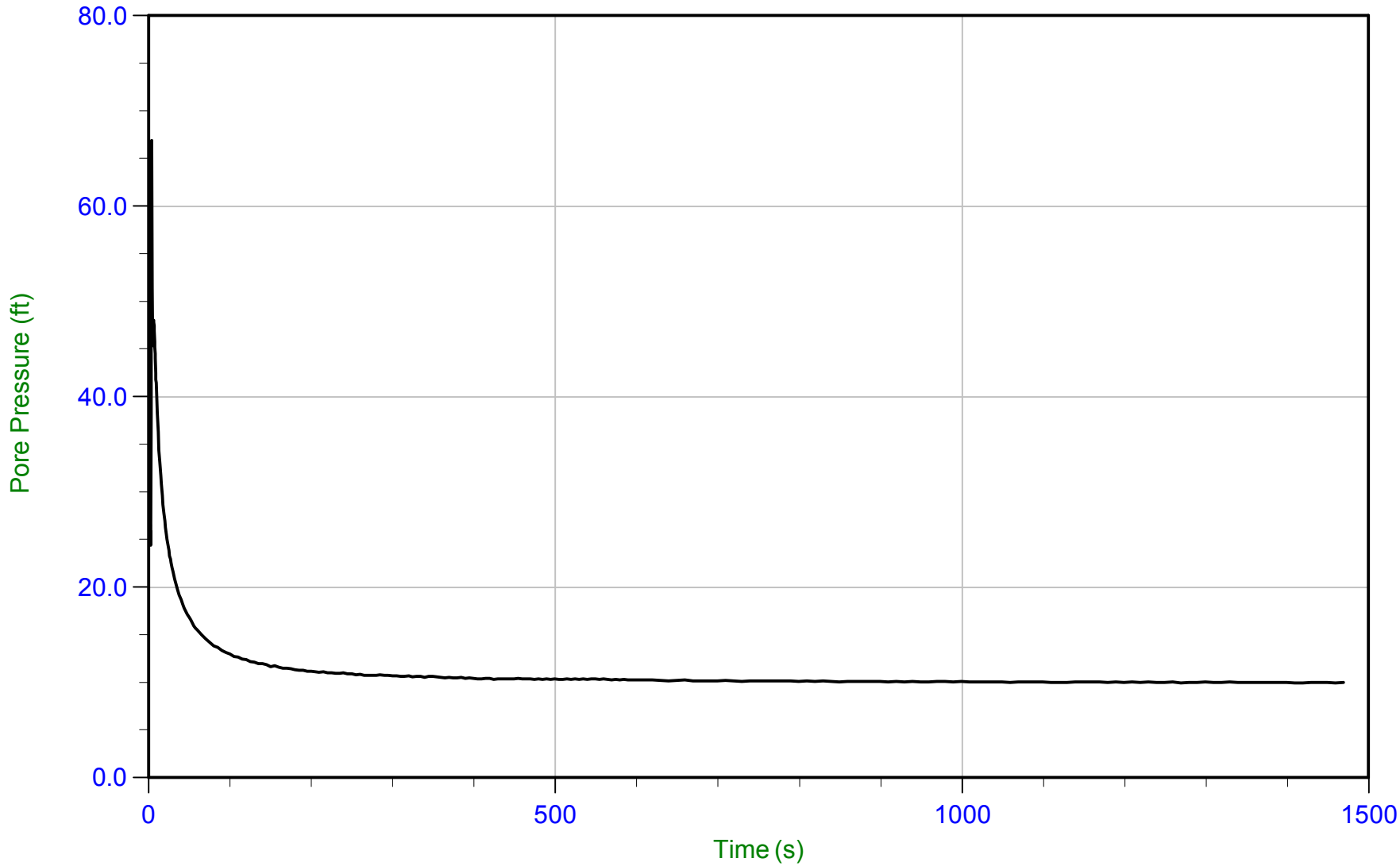
u Min: -8.9 ft
u Max: 2.7 ft
u Final: 2.7 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/16/2023 09:55
Site: Kaiser San Jose CPT

Sounding: CPT-23
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP23.ppf2
Depth: 11.325 m / 37.155 ft
Duration: 1469.8 s

u Min: 10.0 ft
u Max: 66.9 ft
u Final: 10.0 ft

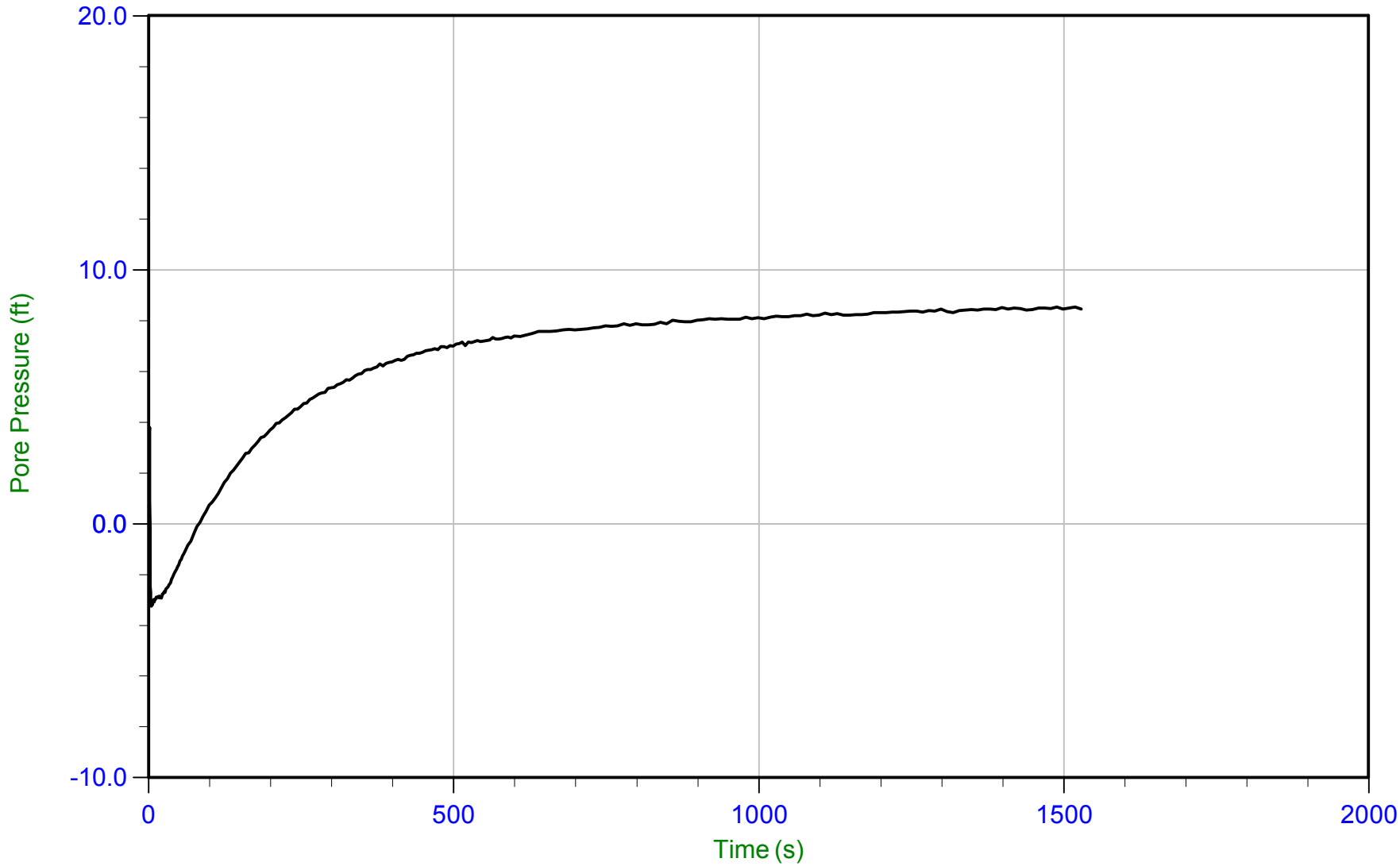
WT: 8.283 m / 27.176 ft
Ueq: 10.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/18/2023 07:59
Site: Kaiser San Jose CPT

Sounding: CPT-24
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP24.ppf2
Depth: 11.275 m / 36.991 ft
Duration: 1529.8 s

u Min: -3.3 ft
u Max: 8.5 ft
u Final: 8.4 ft

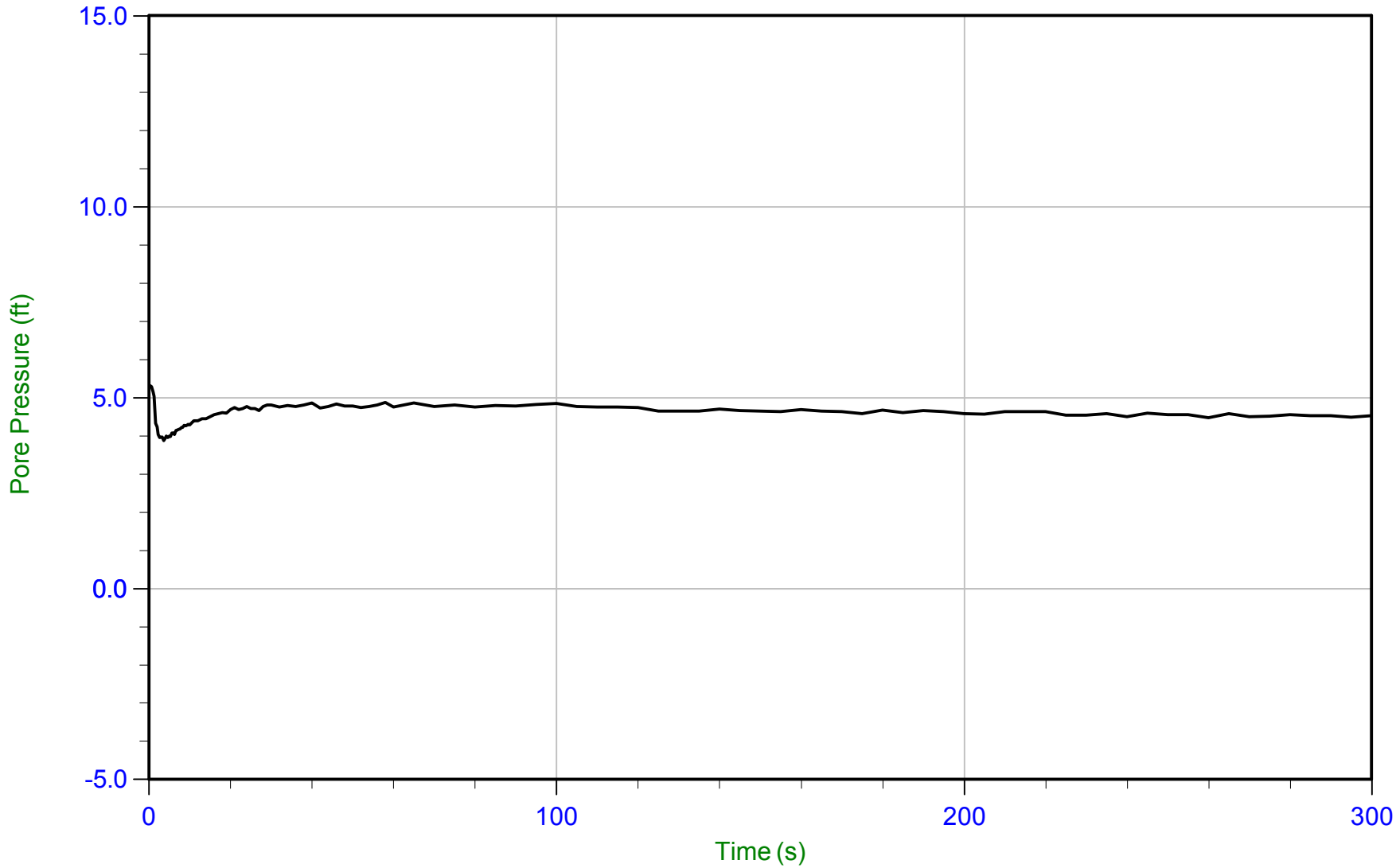
WT: 8.689 m / 28.507 ft
Ueq: 8.5 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/26/2023 10:32
Site: Kaiser San Jose CPT

Sounding: CPT-25
Cone: 795:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP25.ppf2
Depth: 7.450 m / 24.442 ft
Duration: 300.0 s

u Min: 3.9 ft
u Max: 5.3 ft
u Final: 4.5 ft

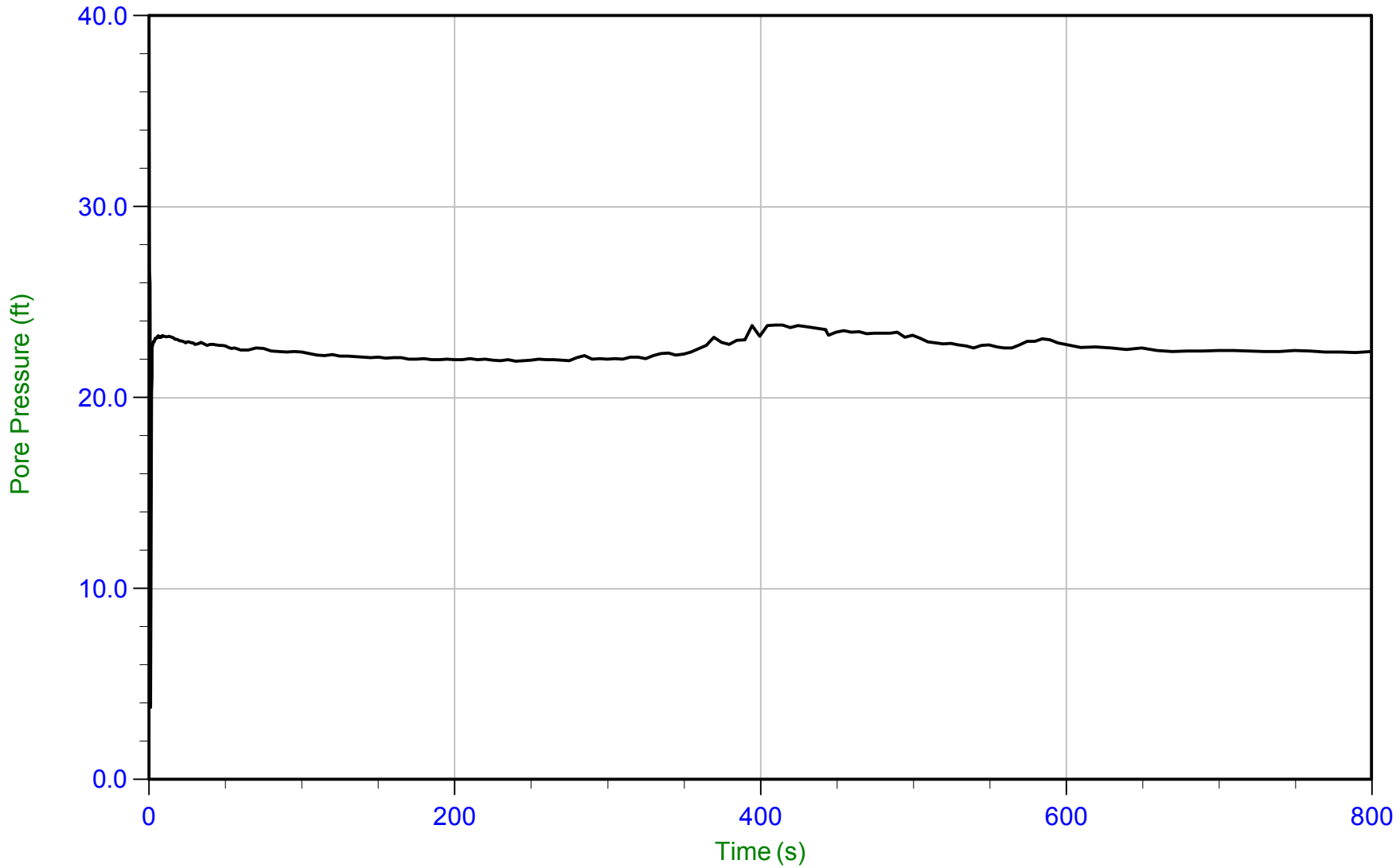
WT: 6.075 m / 19.932 ft
Ueq: 4.5 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/18/2023 09:28
Site: Kaiser San Jose CPT

Sounding: CPT-26
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP26.ppf2
Depth: 15.925 m / 52.247 ft
Duration: 799.9 s

u Min: 0.0 ft
u Max: 39.4 ft
u Final: 22.4 ft

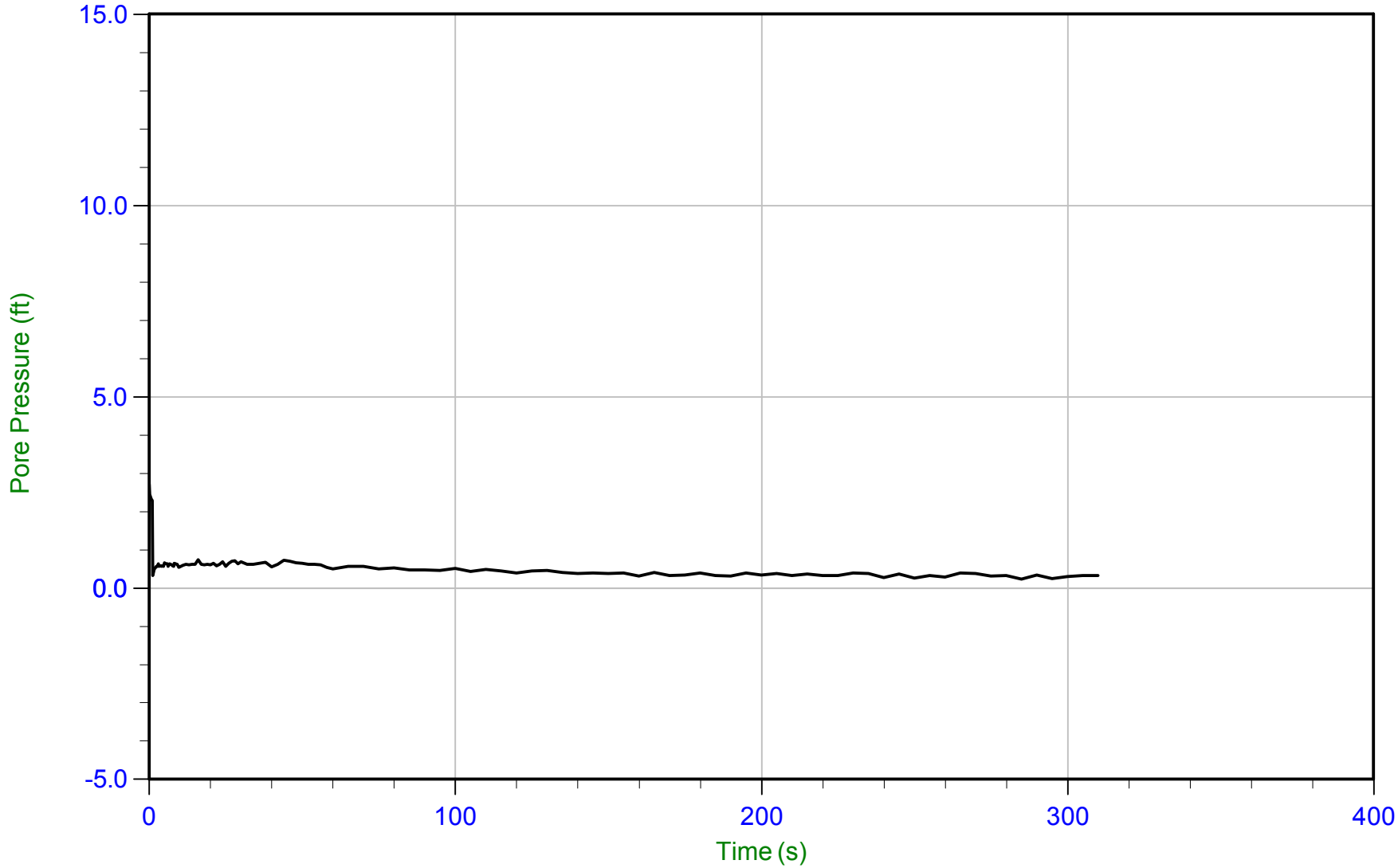
WT: 9.091 m / 29.827 ft
Ueq: 22.4 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/26/2023 11:41
Site: Kaiser San Jose CPT

Sounding: CPT-27
Cone: 795:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP27.ppf2
Depth: 7.725 m / 25.344 ft
Duration: 310.0 s

u Min: 0.2 ft
u Max: 2.7 ft
u Final: 0.3 ft

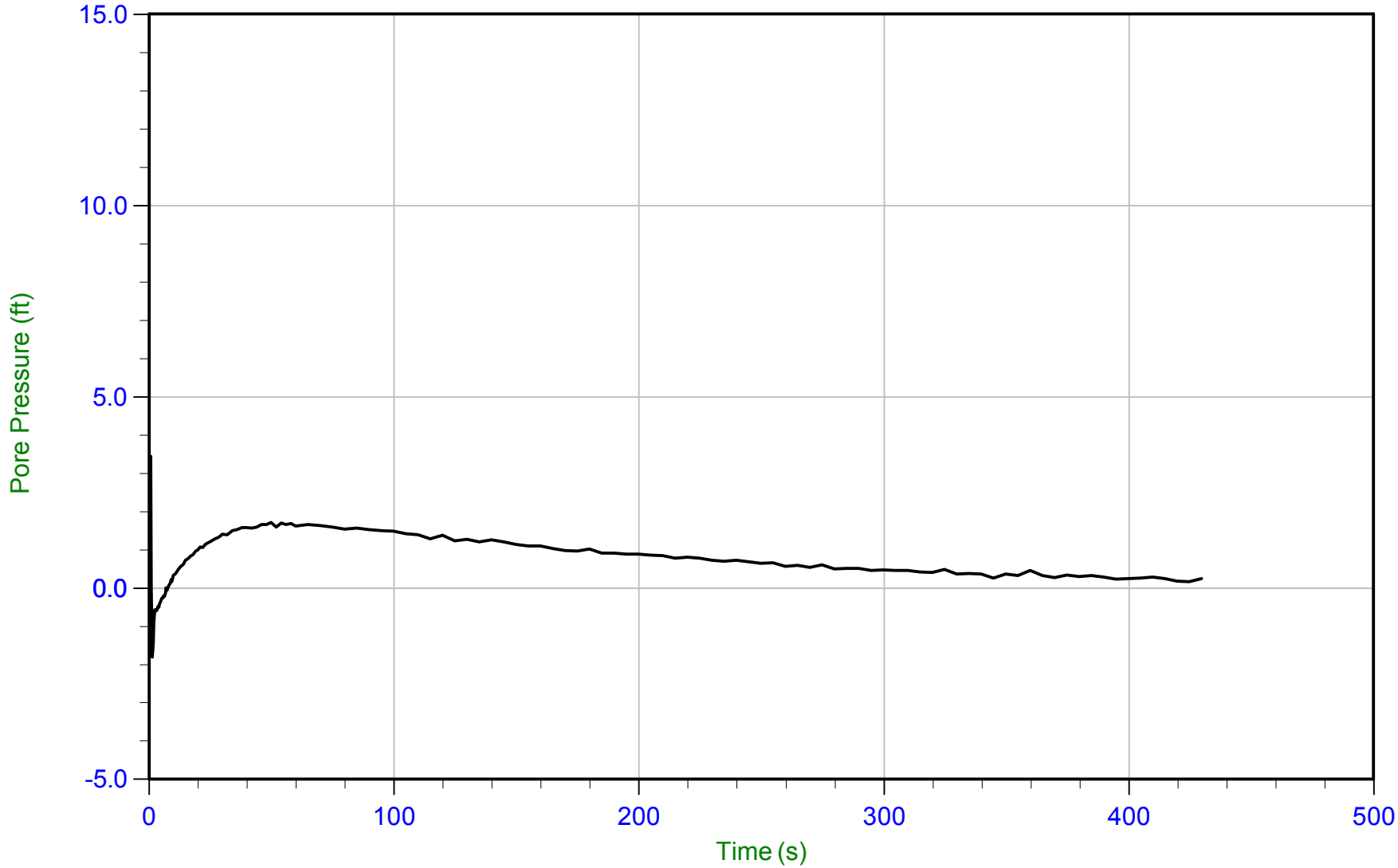
WT: 7.624 m / 25.013 ft
Ueq: 0.3 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/17/2023 07:34
Site: Kaiser San Jose CPT

Sounding: CPT-28
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP28.ppf2
Depth: 7.900 m / 25.918 ft
Duration: 429.9 s

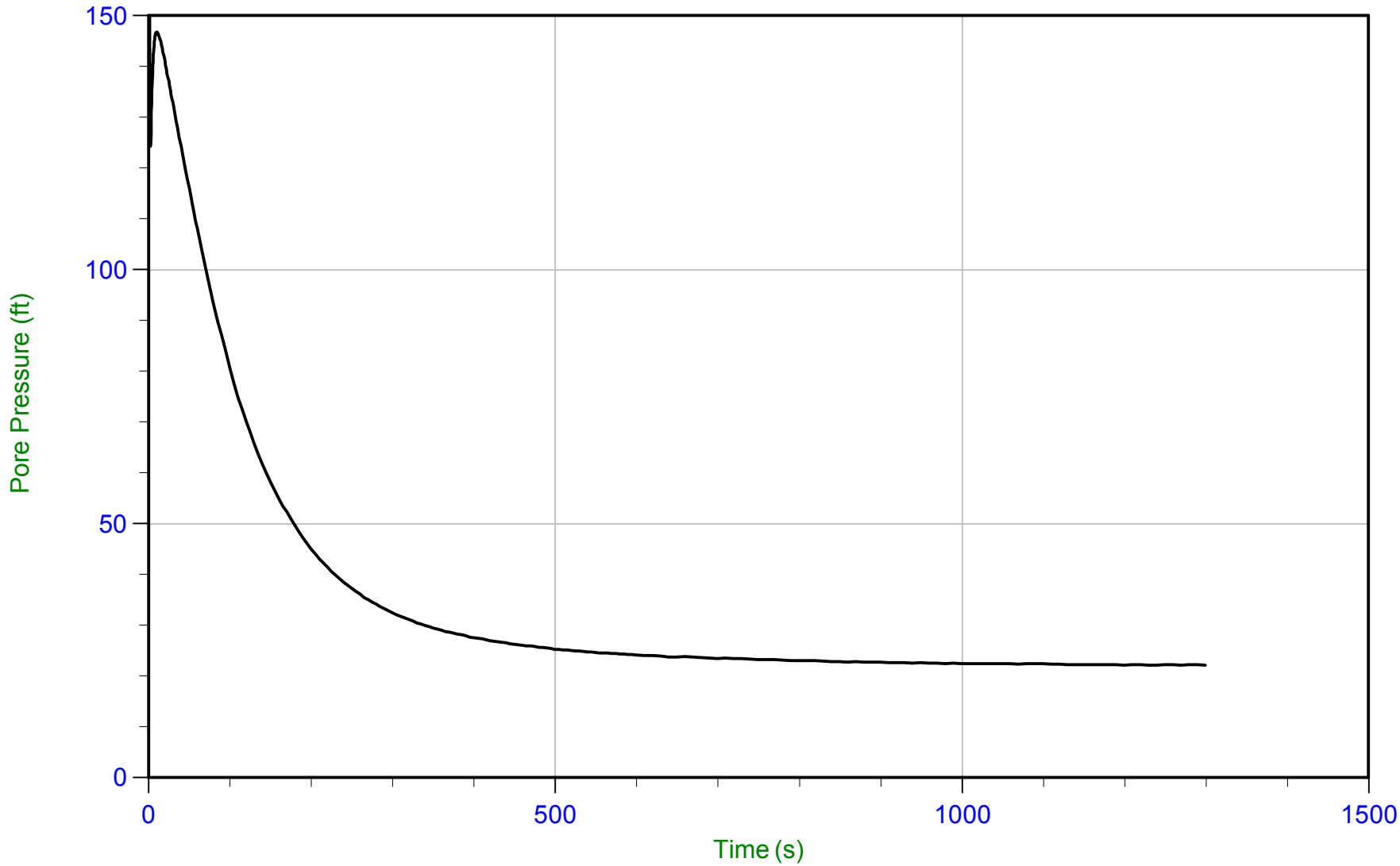
u Min: -1.8 ft
u Max: 3.5 ft
u Final: 0.2 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/17/2023 07:34
Site: Kaiser San Jose CPT

Sounding: CPT-28
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP28.ppf2
Depth: 15.400 m / 50.524 ft
Duration: 1299.9 s

u Min: 22.1 ft
u Max: 240.5 ft
u Final: 22.1 ft

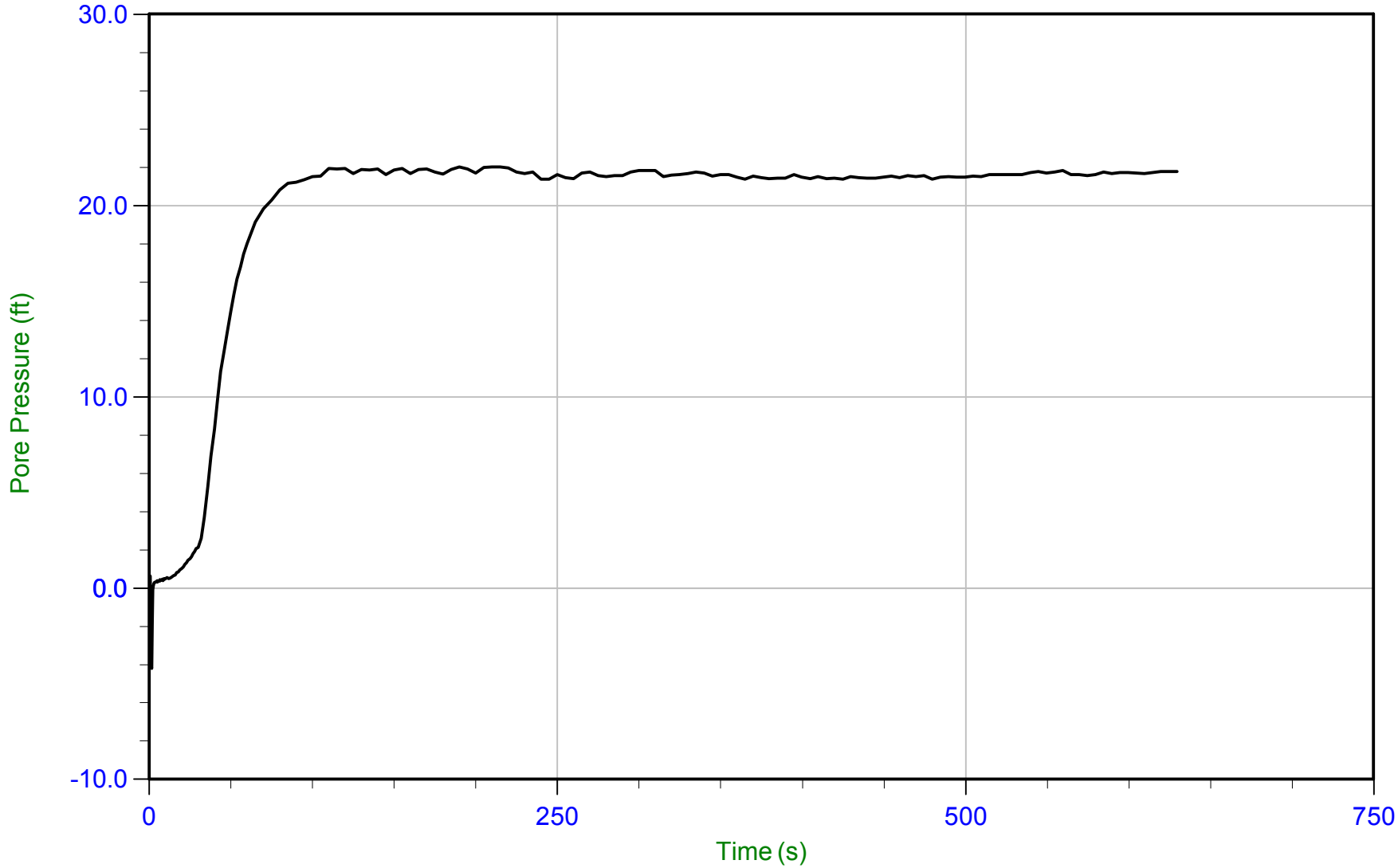
WT: 8.663 m / 28.423 ft
Ueq: 22.1 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/17/2023 12:26
Site: Kaiser San Jose CPT

Sounding: CPT-29
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP29.ppf2
Depth: 15.525 m / 50.934 ft
Duration: 629.9 s

u Min: -4.2 ft
u Max: 22.0 ft
u Final: 21.8 ft

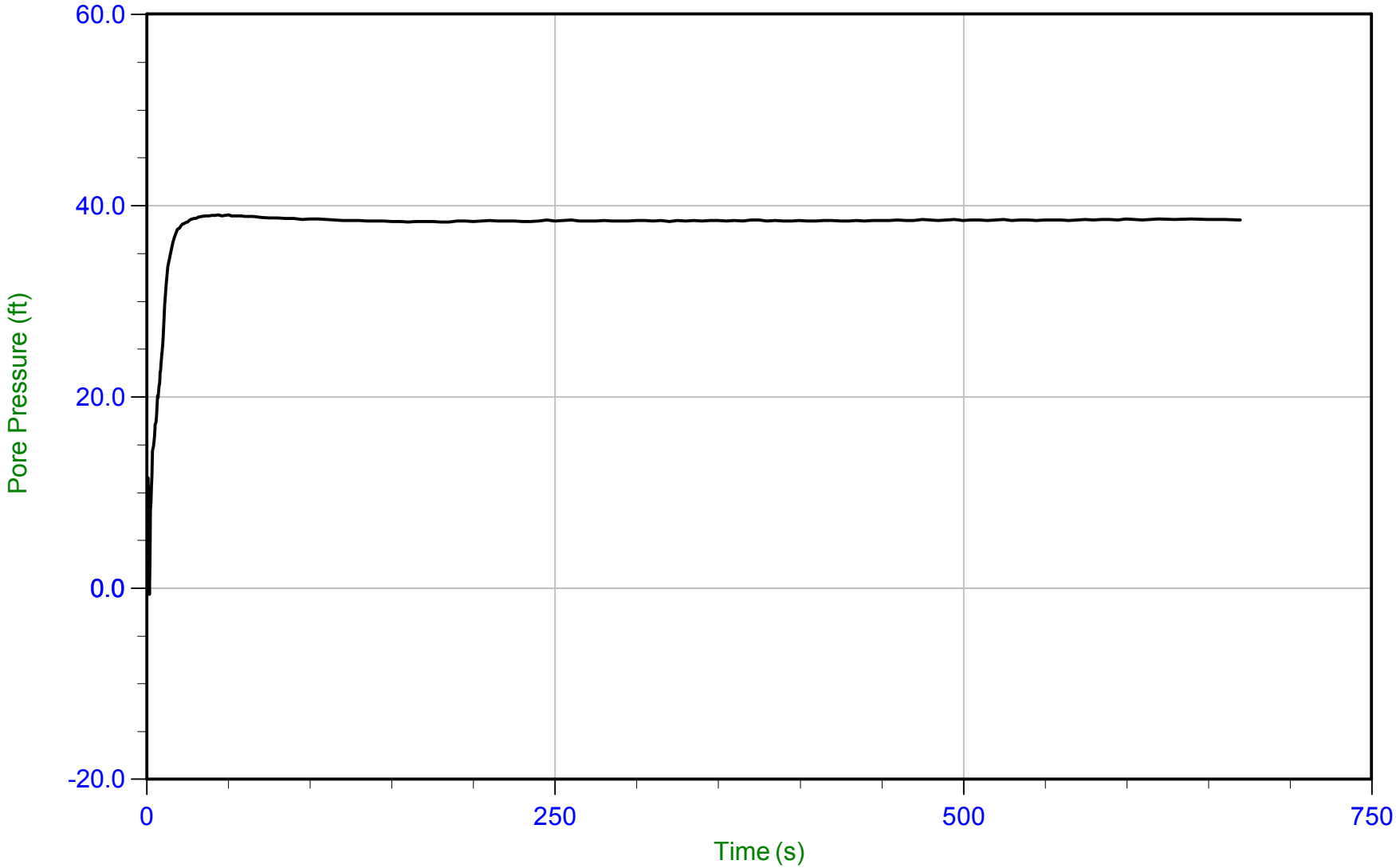
WT: 8.895 m / 29.183 ft
Ueq: 21.8 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/17/2023 12:26
Site: Kaiser San Jose CPT

Sounding: CPT-29
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP29.ppf2
Depth: 21.550 m / 70.701 ft
Duration: 669.9 s

u Min: -0.7 ft
u Max: 39.0 ft
u Final: 38.5 ft

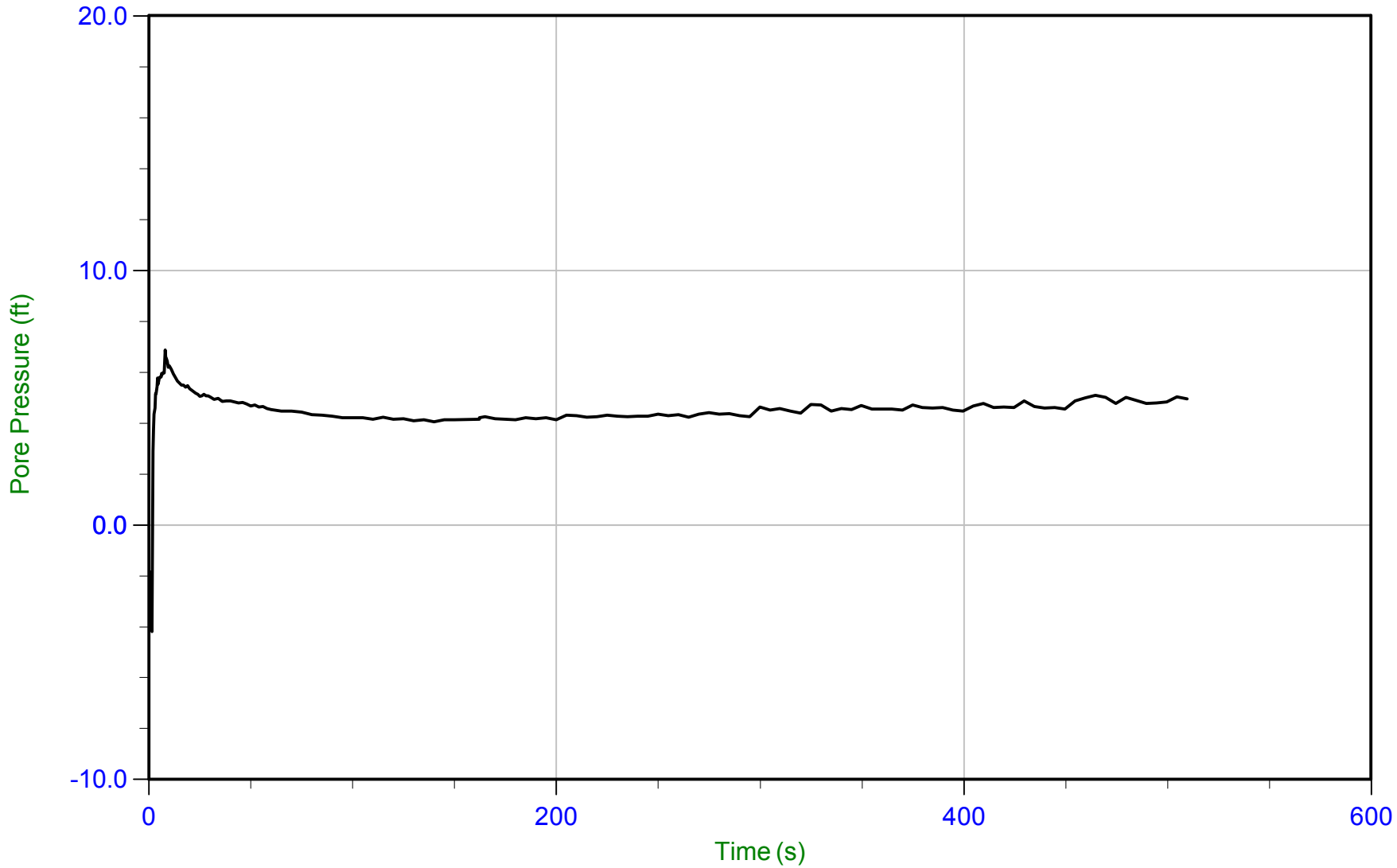
WT: 9.811 m / 32.188 ft
Ueq: 38.5 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/17/2023 11:30
Site: Kaiser San Jose CPT

Sounding: CPT-30
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_CP30.ppf2
Depth: 9.275 m / 30.429 ft
Duration: 509.9 s

u Min: -4.2 ft
u Max: 6.9 ft
u Final: 5.0 ft

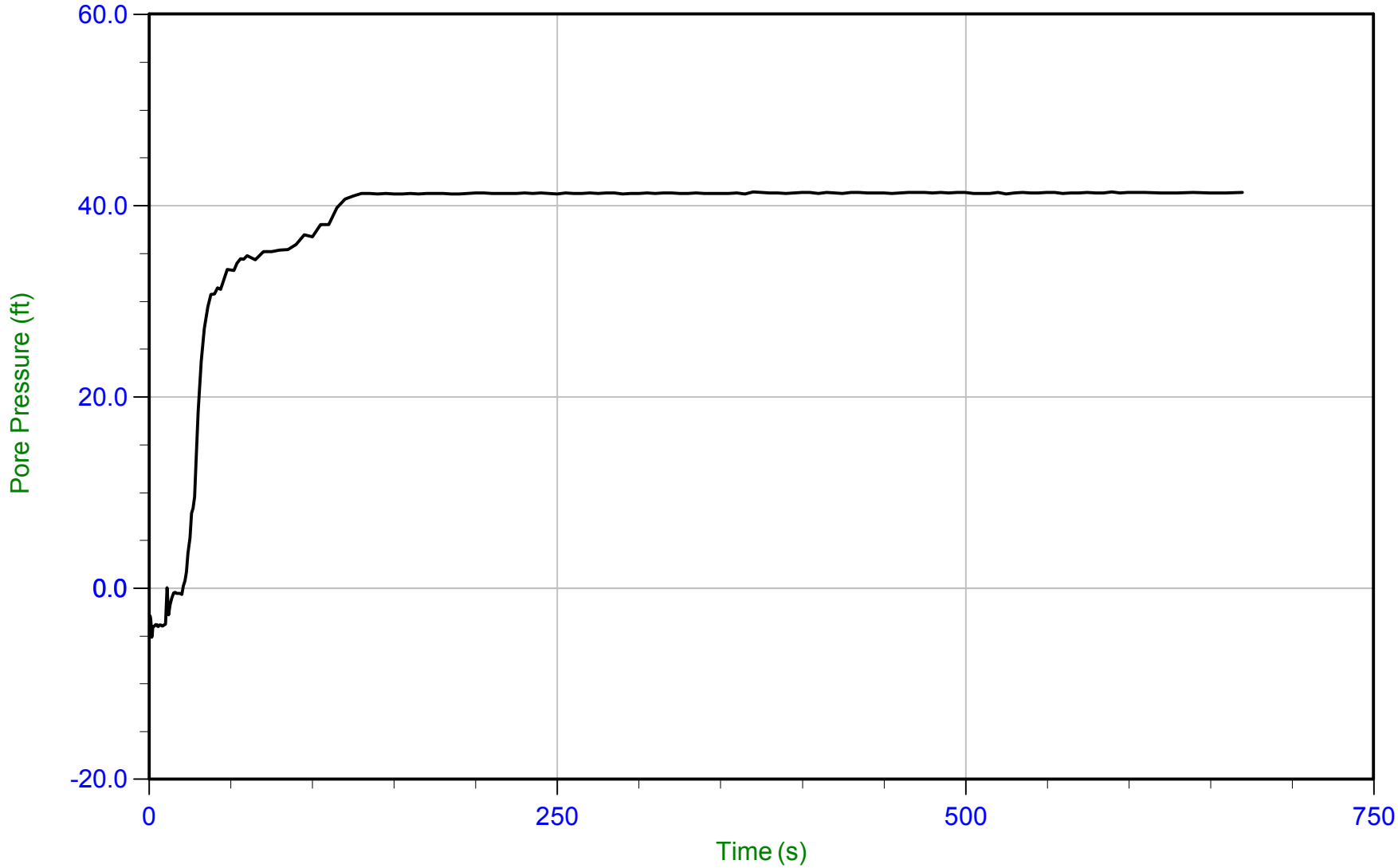
WT: 7.759 m / 25.457 ft
Ueq: 5.0 ft

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 01/17/2023 09:03
Site: Kaiser San Jose CPT

Sounding: CPT-31
Cone: 815:T1500F15U35 Area=15 cm²



Trace Summary:

Filename: 22-56-25216_SP31.ppf2
Depth: 22.125 m / 72.588 ft
Duration: 669.9 s

u Min: -5.1 ft
u Max: 41.4 ft
u Final: 41.3 ft

WT: 9.525 m / 31.251 ft
Ueq: 41.3 ft

Seismic Cone Penetration Test Tabular Results

CONETEC

Job No:	22-56-25216
Client:	Langan Engineering
Project:	Kaiser San Jose CPT
Sounding ID:	CPT-03
Date:	01:09:23 13:54
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
2.89	2.08	2.79			
6.07	5.26	5.58	2.79	5.25	531
9.35	8.54	8.74	3.16	4.24	745
12.63	11.82	11.97	3.23	4.43	728
15.91	15.10	15.22	3.25	4.24	766
19.19	18.38	18.48	3.26	4.20	776
22.47	21.66	21.74	3.27	4.20	778
25.85	25.04	25.11	3.37	3.93	858
29.13	28.32	28.38	3.27	4.02	814
32.32	31.50	31.56	3.18	4.29	740
35.60	34.79	34.84	3.28	5.21	629
38.88	38.07	38.11	3.28	5.17	634
42.16	41.35	41.39	3.28	5.10	643
45.44	44.63	44.67	3.28	4.30	763
48.82	48.01	48.04	3.38	4.16	812
52.10	51.29	51.32	3.28	3.56	921
55.28	54.47	54.50	3.18	3.33	955
58.56	57.75	57.78	3.28	4.11	798
61.84	61.03	61.06	3.28	4.02	816
65.13	64.31	64.34	3.28	4.07	806
68.41	67.59	67.62	3.28	3.84	855
71.69	70.87	70.90	3.28	4.43	741
74.90	74.09	74.11	3.21	3.65	880
78.25	77.44	77.46	3.35	3.65	916
81.53	80.72	80.74	3.28	2.83	1159
84.81	84.00	84.02	3.28	3.05	1076
88.03	87.21	87.23	3.21	2.68	1199
91.37	90.56	90.58	3.35	3.24	1034
94.59	93.77	93.79	3.22	3.42	940
97.93	97.12	97.14	3.35	3.68	909
101.15	100.34	100.35	3.21	3.46	929
104.50	103.68	103.70	3.35	3.28	1021

Job No:	22-56-25216
Client:	Langan Engineering
Project:	Kaiser San Jose CPT
Sounding ID:	CPT-03
Date:	01:09:23 13:54
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
110.56	109.75	109.77	6.07	5.83	1042

Job No:	22-56-25216
Client:	Langan Engineering
Project:	Kaiser San Jose CPT
Sounding ID:	CPT-14
Date:	01:12:23 10:25
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
2.79	1.98	2.72			
6.00	5.19	5.52	2.80	4.18	670
9.25	8.44	8.65	3.13	5.19	602
12.63	11.82	11.97	3.32	4.85	684
15.91	15.10	15.22	3.25	4.32	752
19.09	18.28	18.38	3.16	4.03	785
22.47	21.66	21.74	3.37	4.03	835
25.66	24.84	24.91	3.17	3.69	860
29.04	28.22	28.29	3.37	4.71	716
32.42	31.60	31.66	3.37	4.32	781
35.60	34.79	34.84	3.18	5.00	636
38.88	38.07	38.11	3.28	5.19	631
42.16	41.35	41.39	3.28	4.66	703
45.44	44.63	44.67	3.28	4.41	743
48.62	47.81	47.85	3.18	3.79	839
52.00	51.19	51.22	3.38	2.86	1180
55.28	54.47	54.50	3.28	3.89	844
58.56	57.75	57.78	3.28	3.98	824
61.84	61.03	61.06	3.28	4.08	804
65.13	64.31	64.34	3.28	4.08	804
68.50	67.69	67.72	3.38	4.13	818
71.69	70.87	70.90	3.18	2.57	1238
75.07	74.25	74.28	3.38	2.43	1392
78.25	77.44	77.46	3.18	2.52	1261
81.63	80.82	80.84	3.38	2.72	1243
84.81	84.00	84.02	3.18	2.28	1396
88.19	87.38	87.40	3.38	2.53	1337
91.37	90.56	90.58	3.18	2.43	1311
94.65	93.84	93.86	3.28	2.57	1276
98.03	97.22	97.24	3.38	2.33	1450
101.21	100.40	100.42	3.18	3.14	1012
104.50	103.68	103.70	3.28	2.81	1169

Job No:	22-56-25216
Client:	Langan Engineering
Project:	Kaiser San Jose CPT
Sounding ID:	CPT-14
Date:	01:12:23 10:25
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
107.87	107.06	107.08	3.38	2.32	1457
110.63	109.82	109.83	2.76	1.85	1493

Job No:	22-56-25216
Client:	Langan Engineering
Project:	Kaiser San Jose CPT
Sounding ID:	CPT-31
Date:	01:17:23 09:03
Seismic Source:	Beam
Seismic Offset (ft):	1.87
Source Depth (ft):	0.00
Geophone Offset (ft):	0.81

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
2.63	1.81	2.60			
5.91	5.09	5.43	2.82	5.05	558
9.19	8.37	8.58	3.16	4.76	662
12.47	11.66	11.80	3.22	4.38	736
15.75	14.94	15.05	3.25	4.01	810
19.03	18.22	18.31	3.26	4.41	739
22.31	21.50	21.58	3.27	3.98	821
25.59	24.78	24.85	3.27	3.48	940
32.15	31.34	31.40	6.55	8.18	800
35.43	34.62	34.67	3.28	5.05	648
38.71	37.90	37.95	3.28	4.93	665
42.00	41.18	41.23	3.28	4.25	771
45.21	44.40	44.44	3.21	4.20	765
48.56	47.74	47.78	3.34	3.61	927
51.84	51.03	51.06	3.28	4.17	786
55.12	54.31	54.34	3.28	3.82	858
58.40	57.59	57.62	3.28	4.28	766
61.68	60.87	60.90	3.28	4.25	771
64.96	64.15	64.18	3.28	4.33	757
68.18	67.36	67.39	3.22	4.97	646
71.52	70.71	70.74	3.35	4.35	770
74.80	73.99	74.02	3.28	2.27	1448
78.02	77.21	77.23	3.21	2.52	1277
81.37	80.55	80.58	3.35	2.54	1319
84.65	83.83	83.85	3.28	2.20	1494
87.93	87.11	87.13	3.28	2.57	1278
91.21	90.40	90.41	3.28	2.30	1429
94.49	93.68	93.70	3.28	2.41	1363
97.70	96.89	96.91	3.21	2.60	1237
100.56	99.75	99.76	2.85	2.07	1379

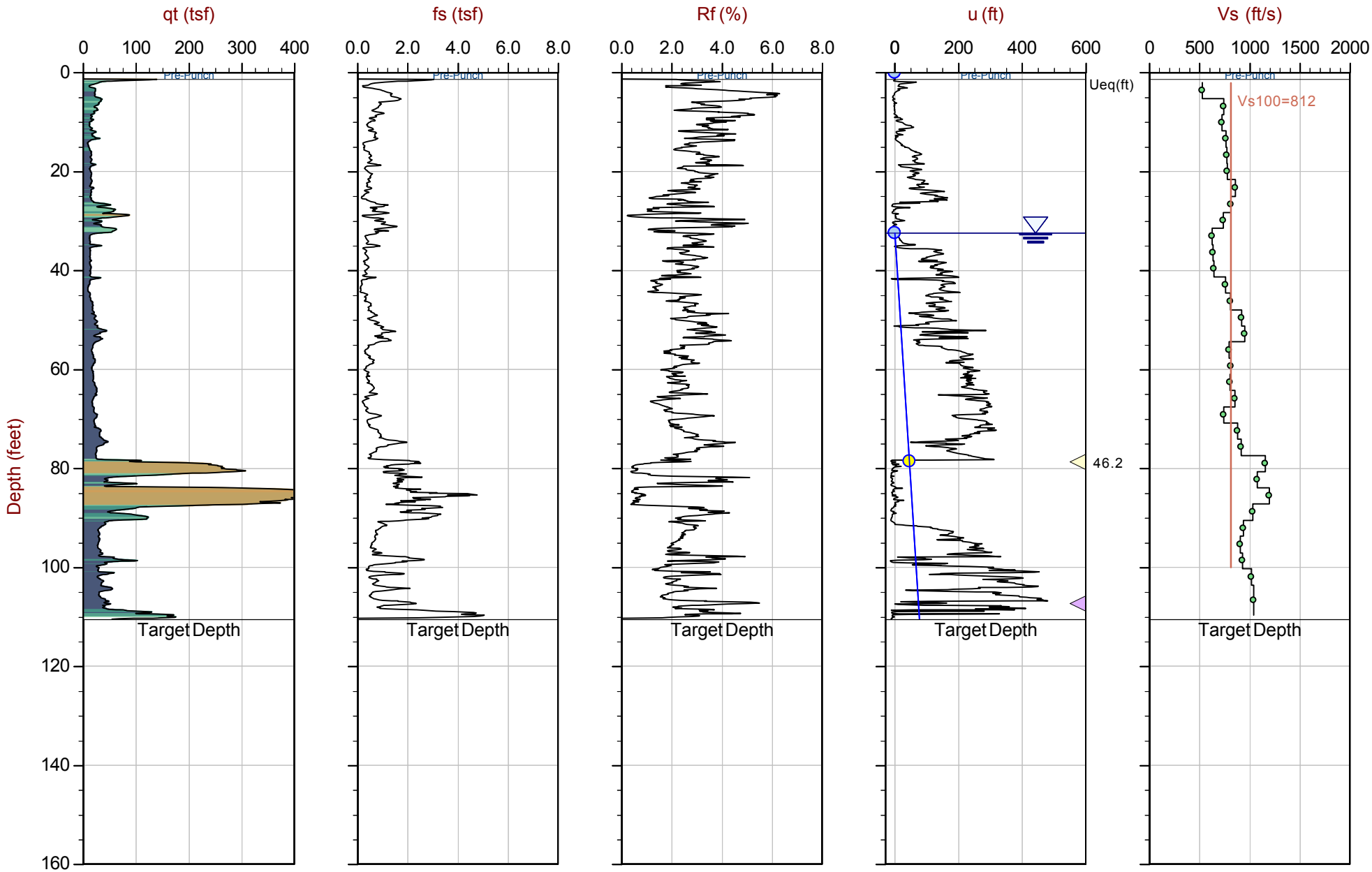
Seismic Cone Penetration Test Plots

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-09 13:54
Site: Kaiser San Jose CPT

Sounding: CPT-03
Cone: 815:T1500F15U35



Max Depth: 33.700 m / 110.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP03.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4122024m E: 606144m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

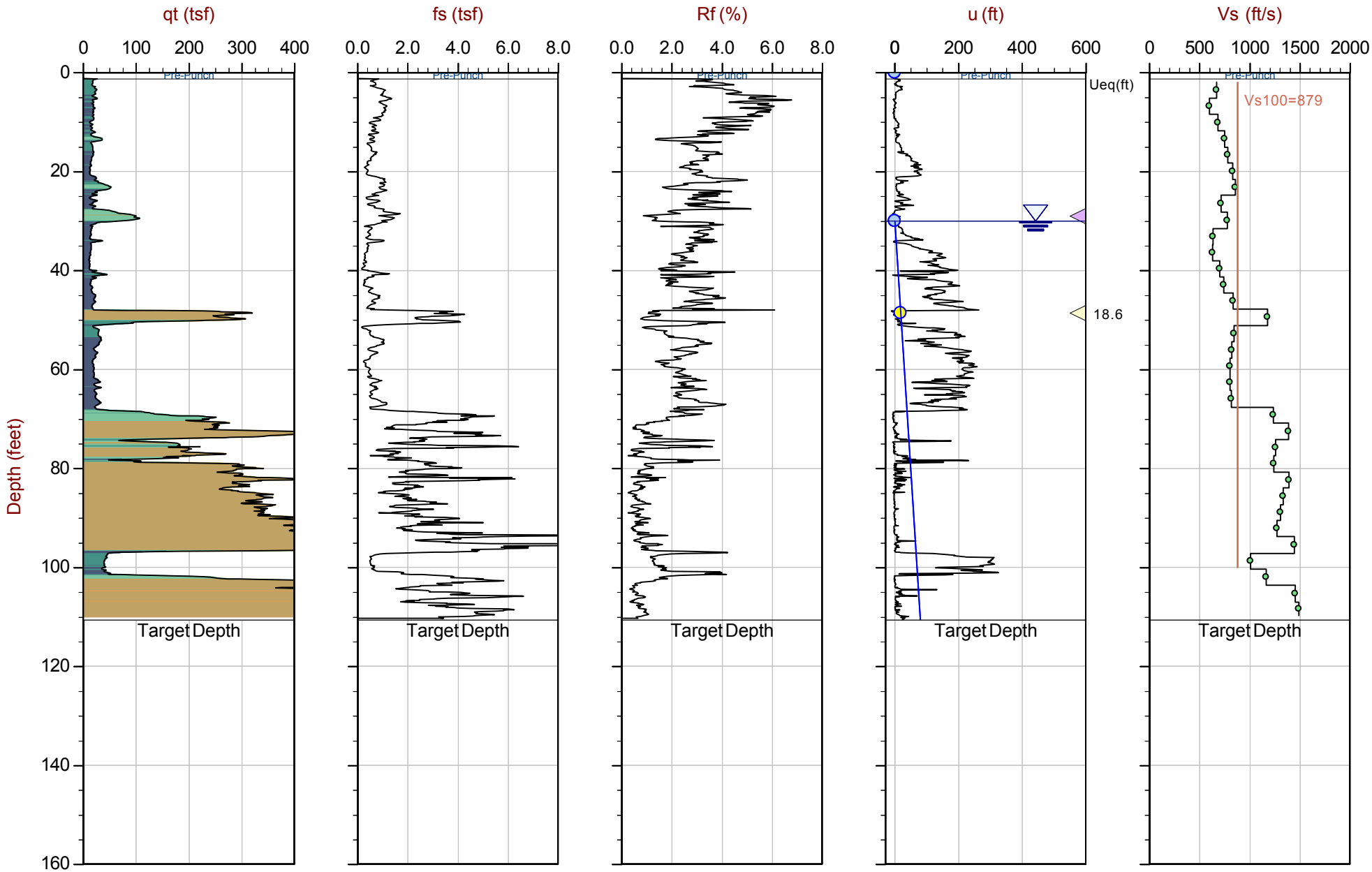
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-12 10:25
Site: Kaiser San Jose CPT

Sounding: CPT-14
Cone: 815:T1500F15U35



Max Depth: 33.725 m / 110.64 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP14.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121954m E: 606302m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

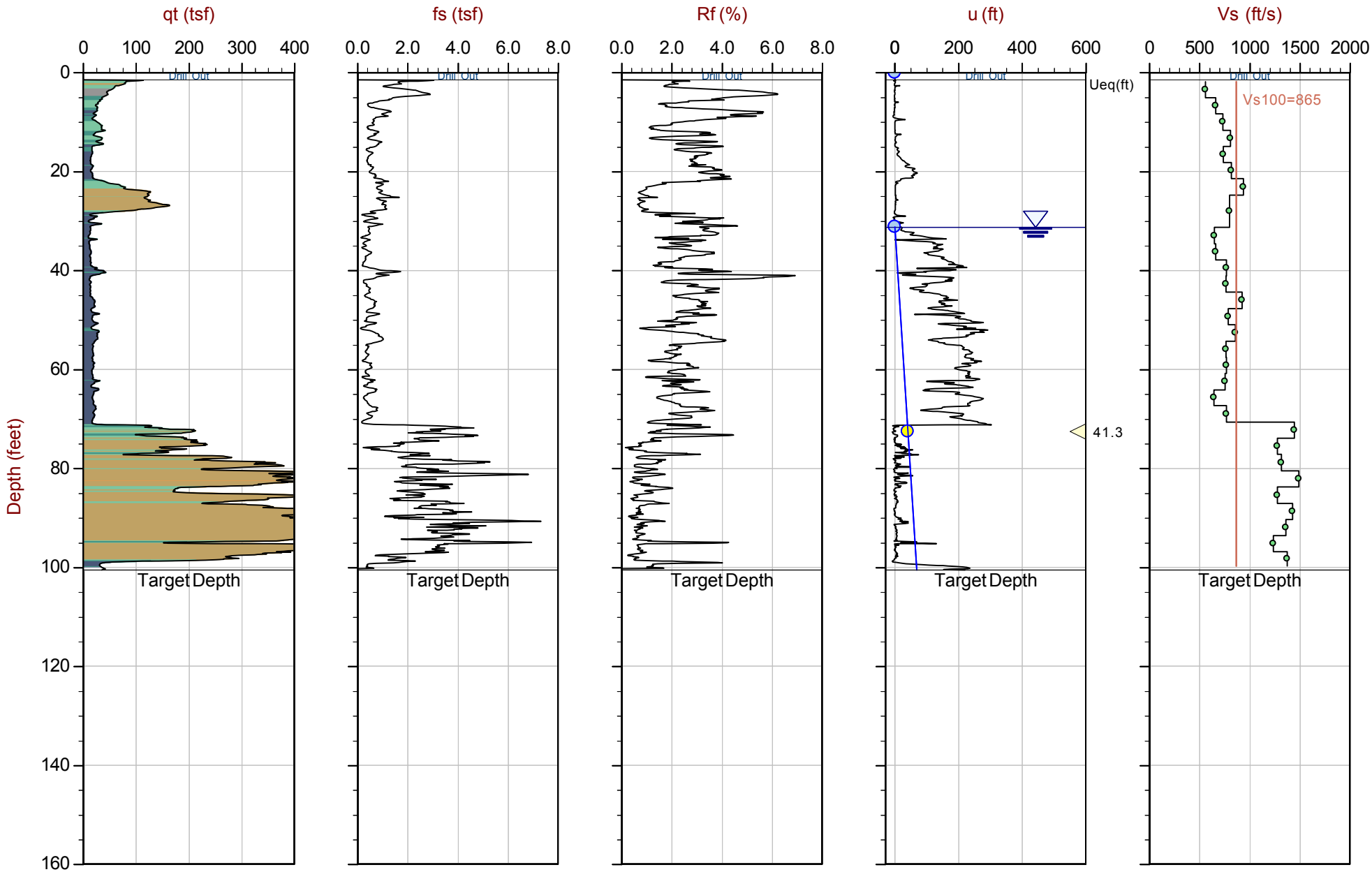
The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

CONETEC

Langan Engineering

Job No: 22-56-25216
Date: 2023-01-17 09:03
Site: Kaiser San Jose CPT

Sounding: CPT-31
Cone: 815:T1500F15U35



Max Depth: 30.650 m / 100.56 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: Every Point

File: 22-56-25216_SP31.COR
Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010
Coords: UTM 10S N: 4121880m E: 606423m

Equilibrium Pore Pressure (Ueq) | Assumed Ueq | Dissipation, Ueq achieved | Dissipation, Ueq not achieved | Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.

Seismic Cone Penetration Test Shear Wave (Vs) Traces

CONETEC

Job No: 22-56-25216
Date: 01:09:23 13:54

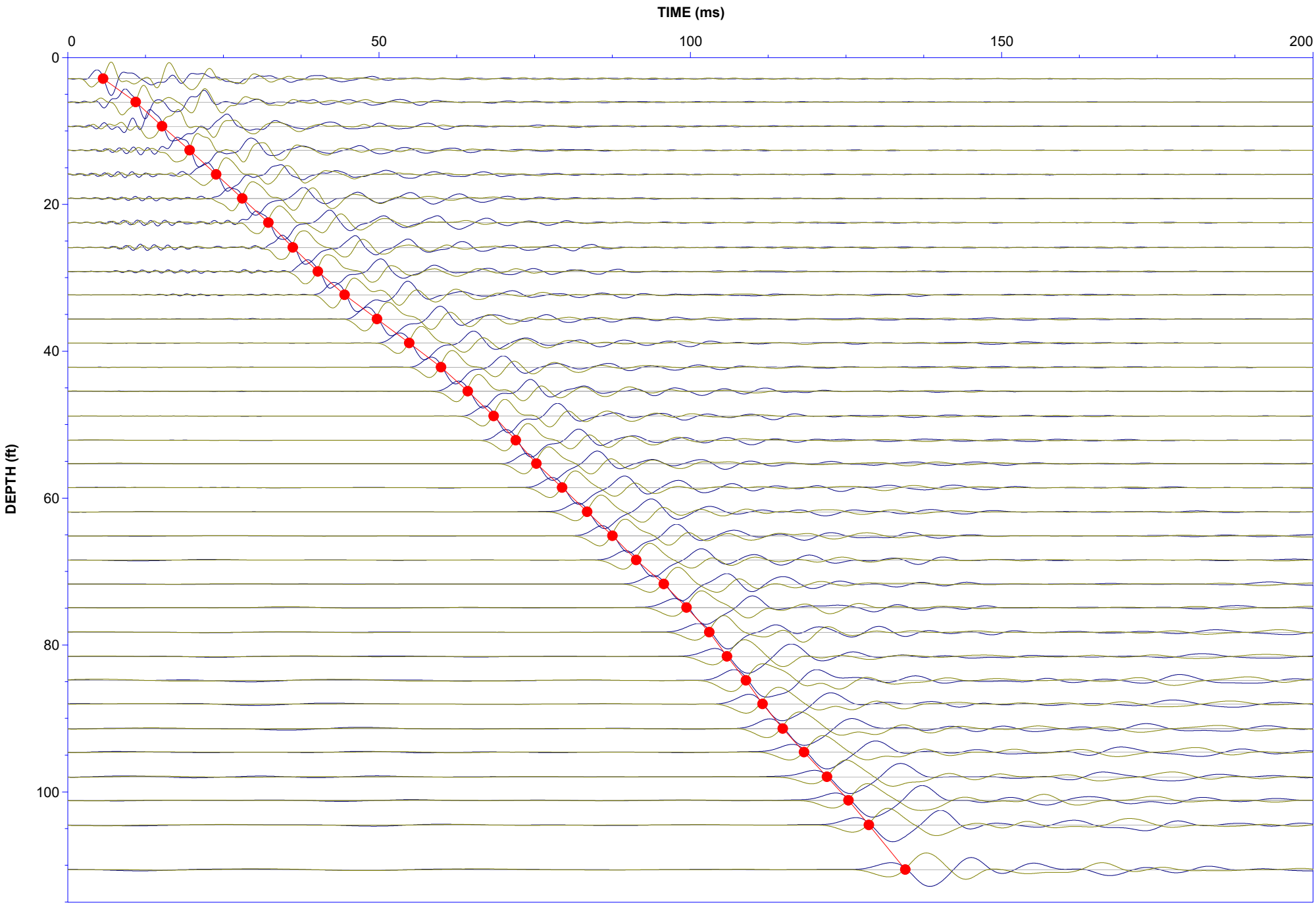
Client: Langan Engineering
Cone: 815:T1500F15U35

Project: Kaiser San Jose CPT

Filter: BP 0-500 Hz

Sounding: CPT-03

Analysis: Shear Wave



CONETEC

Job No: 22-56-25216
Date: 01:12:23 10:25

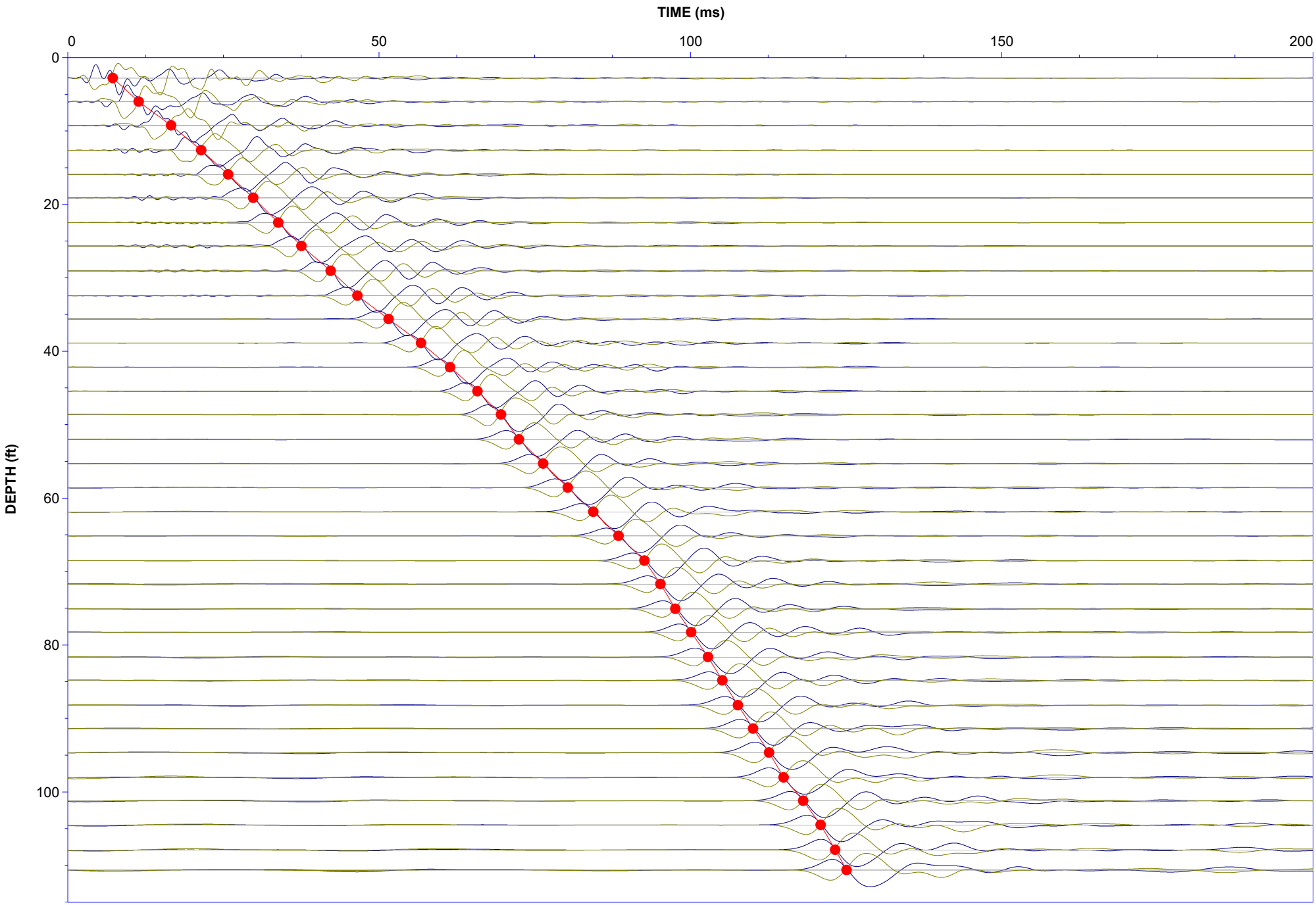
Client: Langan Engineering
Cone: 815:T1500F15U35

Project: Kaiser San Jose CPT

Filter: BP 0-500 Hz

Sounding: CPT-14

Analysis: Shear Wave



CONETEC

Job No: 22-56-25216
Date: 01:17:23 09:03

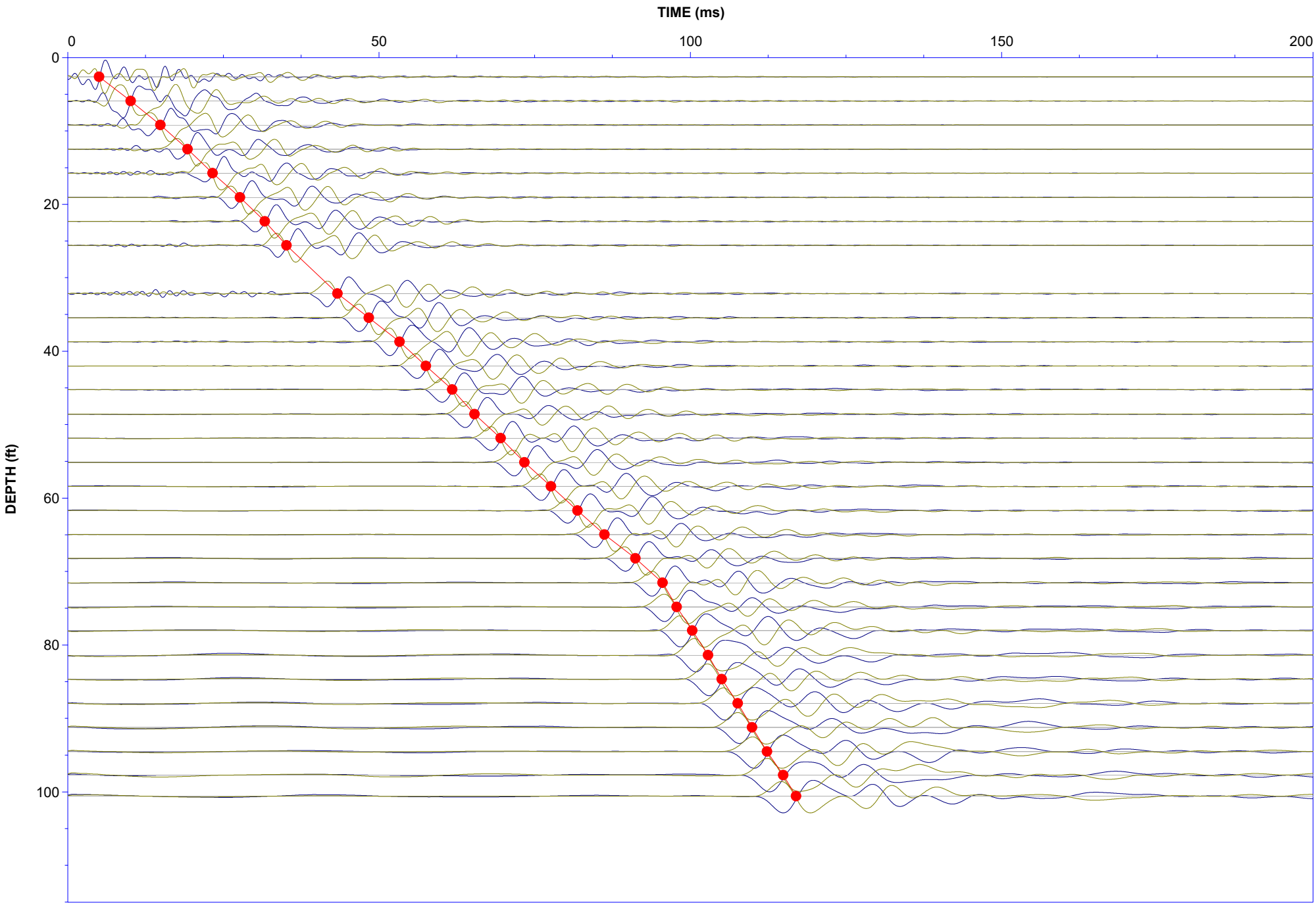
Client: Langan Engineering
Cone: 815:T1500F15U35

Project: Kaiser San Jose CPT

Filter: BP 0-500 Hz

Sounding: CPT-31

Analysis: Shear Wave



Methodology Statements and Data File Formats

CONETEC

Cone penetration tests (CPTu) are conducted using an integrated electronic piezocone penetrometer and data acquisition system manufactured by Adara Systems Ltd., a subsidiary of ConeTec.

ConeTec's piezocone penetrometers are compression type designs in which the tip and friction sleeve load cells are independent and have separate load capacities. The piezocones use strain gauged load cells for tip and sleeve friction and a strain gauged diaphragm type transducer for recording pore pressure. The piezocones also have a platinum resistive temperature device (RTD) for monitoring the temperature of the sensors, an accelerometer type dual axis inclinometer and two geophone sensors for recording seismic signals. All signals are amplified and measured with minimum sixteen-bit resolution down hole within the cone body, and the signals are sent to the surface using a high bandwidth, error corrected digital interface through a shielded cable.

ConeTec penetrometers are manufactured with various tip, friction and pore pressure capacities in both 10 cm^2 and 15 cm^2 tip base area configurations in order to maximize signal resolution for various soil conditions. The specific piezocone used for each test is described in the CPT summary table presented in the first appendix. The 15 cm^2 penetrometers do not require friction reducers as they have a diameter larger than the deployment rods. The 10 cm^2 piezocones use a friction reducer consisting of a rod adapter extension behind the main cone body with an enlarged cross sectional area (typically 44 millimeters diameter over a length of 32 millimeters with tapered leading and trailing edges) located at a distance of 585 millimeters above the cone tip.

The penetrometers are designed with equal end area friction sleeves, a net end area ratio of 0.8 and cone tips with a 60 degree apex angle.

All ConeTec piezocones can record pore pressure at various locations. Unless otherwise noted, the pore pressure filter is located directly behind the cone tip in the "u_2" position (ASTM Type 2). The filter is six millimeters thick, made of porous plastic (polyethylene) having an average pore size of 125 microns (90-160 microns). The function of the filter is to allow rapid movements of extremely small volumes of water needed to activate the pressure transducer while preventing soil ingress or blockage.

The piezocone penetrometers are manufactured with dimensions, tolerances and sensor characteristics that are in general accordance with the current ASTM D5778 standard. ConeTec's calibration criteria also meets or exceeds those of the current ASTM D5778 standard. An illustration of the piezocone penetrometer is presented in Figure CPTu.

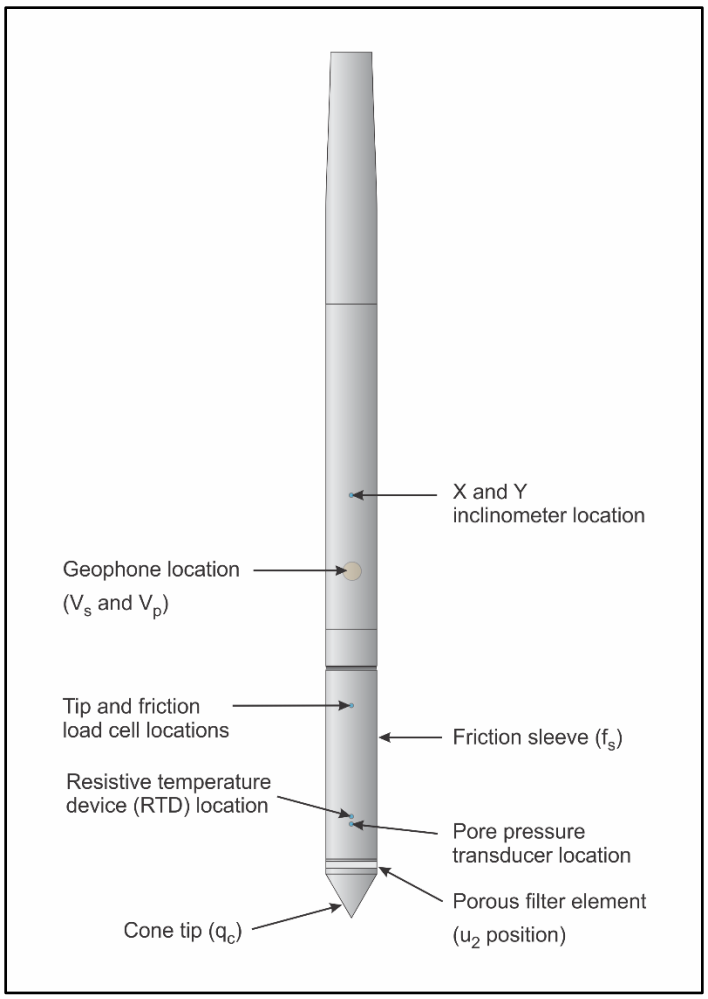


Figure CPTu. Piezocone Penetrometer (15 cm^2)

The ConeTec data acquisition systems consist of a Windows based computer and a signal interface box and power supply. The signal interface combines depth increment signals, seismic trigger signals and the downhole digital data. This combined data is then sent to the Windows based computer for collection and presentation. The data is recorded at fixed depth increments using a depth wheel attached to the push cylinders or by using a spring loaded rubber depth wheel that is held against the cone rods. The typical recording interval is 2.5 centimeters; custom recording intervals are possible.

The system displays the CPTu data in real time and records the following parameters to a storage media during penetration:

- Depth
- Uncorrected tip resistance (q_c)
- Sleeve friction (f_s)
- Dynamic pore pressure (u)
- Additional sensors such as resistivity, passive gamma, ultra violet induced fluorescence, if applicable

All testing is performed in accordance to ConeTec's CPTu operating procedures which are in general accordance with the current ASTM D5778 standard.

Prior to the start of a CPTu sounding a suitable cone is selected, the cone and data acquisition system are powered on, the pore pressure system is saturated with silicone oil and the baseline readings are recorded with the cone hanging freely in a vertical position.

The CPTu is conducted at a steady rate of two centimeters per second, within acceptable tolerances. Typically one meter length rods with an outer diameter of 1.5 inches (38.1 millimeters) are added to advance the cone to the sounding termination depth. After cone retraction final baselines are recorded.

Additional information pertaining to ConeTec's cone penetration testing procedures:

- Each filter is saturated in silicone oil under vacuum pressure prior to use
- Baseline readings are compared to previous readings
- Soundings are terminated at the client's target depth or at a depth where an obstruction is encountered, excessive rod flex occurs, excessive inclination occurs, equipment damage is likely to take place, or a dangerous working environment arises
- Differences between initial and final baselines are calculated to ensure zero load offsets have not occurred and to ensure compliance with ASTM standards

The interpretation of piezocone data for this report is based on the corrected tip resistance (q_t), sleeve friction (f_s) and pore water pressure (u). The interpretation of soil type is based on the correlations developed by Robertson et al. (1986) and Robertson (1990, 2009). It should be noted that it is not always possible to accurately identify a soil behavior type based on these parameters. In these situations, experience, judgment and an assessment of other parameters may be used to infer soil behavior type.

The recorded tip resistance (q_c) is the total force acting on the piezocone tip divided by its base area. The tip resistance is corrected for pore pressure effects and termed corrected tip resistance (q_t) according to the following expression presented in Robertson et al. (1986):

$$q_t = q_c + (1\text{-}a) \bullet u_2$$

where: q_t is the corrected tip resistance
q_c is the recorded tip resistance
u_2 is the recorded dynamic pore pressure behind the tip (u_2 position)
a is the Net Area Ratio for the piezocone (0.8 for ConeTec probes)

The sleeve friction (f_s) is the frictional force on the sleeve divided by its surface area. As all ConeTec piezocones have equal end area friction sleeves, pore pressure corrections to the sleeve data are not required.

The dynamic pore pressure (u) is a measure of the pore pressures generated during cone penetration. To record equilibrium pore pressure, the penetration must be stopped to allow the dynamic pore pressures to stabilize. The rate at which this occurs is predominantly a function of the permeability of the soil and the diameter of the cone.

The friction ratio (R_f) is a calculated parameter. It is defined as the ratio of sleeve friction to the tip resistance expressed as a percentage. Generally, saturated cohesive soils have low tip resistance, high friction ratios and generate large excess pore water pressures. Cohesionless soils have higher tip resistances, lower friction ratios and do not generate significant excess pore water pressure.

A summary of the CPTu soundings along with test details and individual plots are provided in the appendices. A set of files with calculated geotechnical parameters were generated for each sounding based on published correlations and are provided in Excel format in the data release folder. Information regarding the methods used is also included in the data release folder.

For additional information on CPTu interpretations and calculated geotechnical parameters, refer to Robertson et al. (1986), Lunne et al. (1997), Robertson (2009), Mayne (2013, 2014) and Mayne and Peuchen (2012).

Shear wave velocity (Vs) testing is performed in conjunction with the piezocone penetration test (SCPTu) in order to collect interval velocities. For some projects seismic compression wave velocity (Vp) testing is also performed.

ConeTec's piezocone penetrometers are manufactured with one horizontally active geophone (28 hertz) and one vertically active geophone (28 hertz). Both geophones are rigidly mounted in the body of the cone penetrometer, 0.2 meters behind the cone tip. The vertically mounted geophone is more sensitive to compression waves.

Shear waves are typically generated by using an impact hammer horizontally striking a beam that is held in place by a normal load. In some instances, an auger source or an imbedded impulsive source may be used for both shear waves and compression waves. The hammer and beam act as a contact trigger that initiates the recording of the seismic wave traces. For impulsive devices an accelerometer trigger may be used. The traces are recorded in the memory of the cone using a fast analog to digital converter. The seismic trace is then transmitted digitally uphole to a Windows based computer through a signal interface box for recording and analysis. An illustration of the shear wave testing configuration is presented in Figure SCPTu-1.

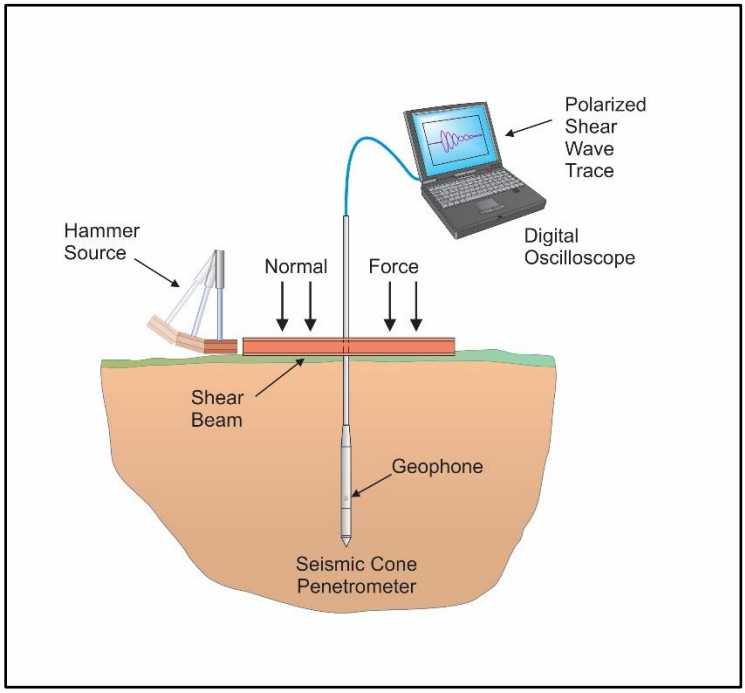


Figure SCPTu-1. Illustration of the SCPTu system

All testing is performed in accordance to ConeTec's SCPTu operating procedures which are in general accordance with the current ASTM D5778 and ASTM D7400 standards.

Prior to the start of a SCPTu sounding, the procedures described in the Cone Penetration Test section are followed. In addition, the active axis of the geophone is aligned parallel to the beam (or source) and the horizontal offset between the cone and the source is measured and recorded.

Prior to recording seismic waves at each test depth, cone penetration is stopped and the rods are decoupled from the rig to avoid transmission of rig energy down the rods. Typically, five wave traces for

each orientation are recorded for quality control and uncertainty analysis purposes. After reviewing wave traces for consistency the cone is pushed to the next test depth (typically one meter intervals or as requested by the client). Figure SCPTu-2 presents an illustration of a SCPTu test.

For additional information on seismic cone penetration testing refer to Robertson et al. (1986).

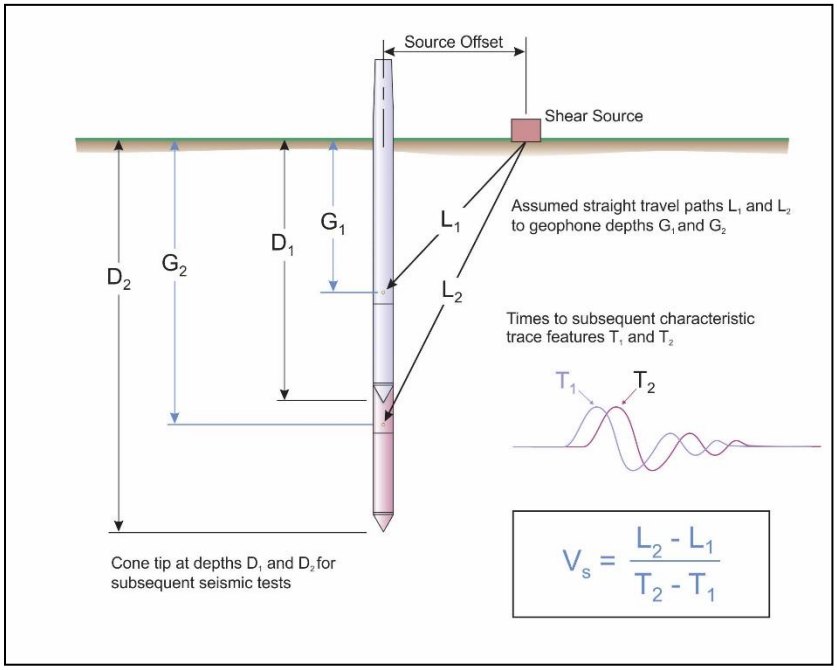


Figure SCPTu-2. Illustration of a seismic cone penetration test

Calculation of the interval velocities are performed by visually picking a common feature (e.g. the first characteristic peak, trough, or crossover) on all of the recorded wave sets and taking the difference in ray path divided by the time difference between subsequent features. Ray path is defined as the straight line distance from the seismic source to the geophone, accounting for beam offset, source depth and geophone offset from the cone tip.

For all SCPTu soundings that have achieved a depth of at least 100 feet (30 meters), the average shear wave velocity to a depth of 100 feet ($\bar{v}_s$) has been calculated and provided for all applicable soundings using the following equation presented in ASCE (2010).

$$\bar{v}_s = \frac{\sum_{i=1}^{n} d_i}{\sum_{i=1}^{n} \frac{d_i}{v_{si}}}$$

where: $\bar{v}_s$ = average shear wave velocity ft/s (m/s)
d_i = the thickness of any layer between 0 and 100 ft (30 m)
v_{si} = the shear wave velocity in ft/s (m/s)
$\sum_{i=1}^{n} d_i$ = the total thickness of all layers between 0 and 100 ft (30 m)

Average shear wave velocity, $\bar{v}_s$ is also referenced to V_{s100} or V_{s30}.

The layer travel times refers to the travel times propagating in the vertical direction, not the measured travel times from an offset source.

Tabular results and SCPTu plots are presented in the relevant appendix.

The cone penetration test is halted at specific depths to carry out pore pressure dissipation (PPD) tests, shown in Figure PPD-1. For each dissipation test the cone and rods are decoupled from the rig and the data acquisition system measures and records the variation of the pore pressure (u) with time (t).

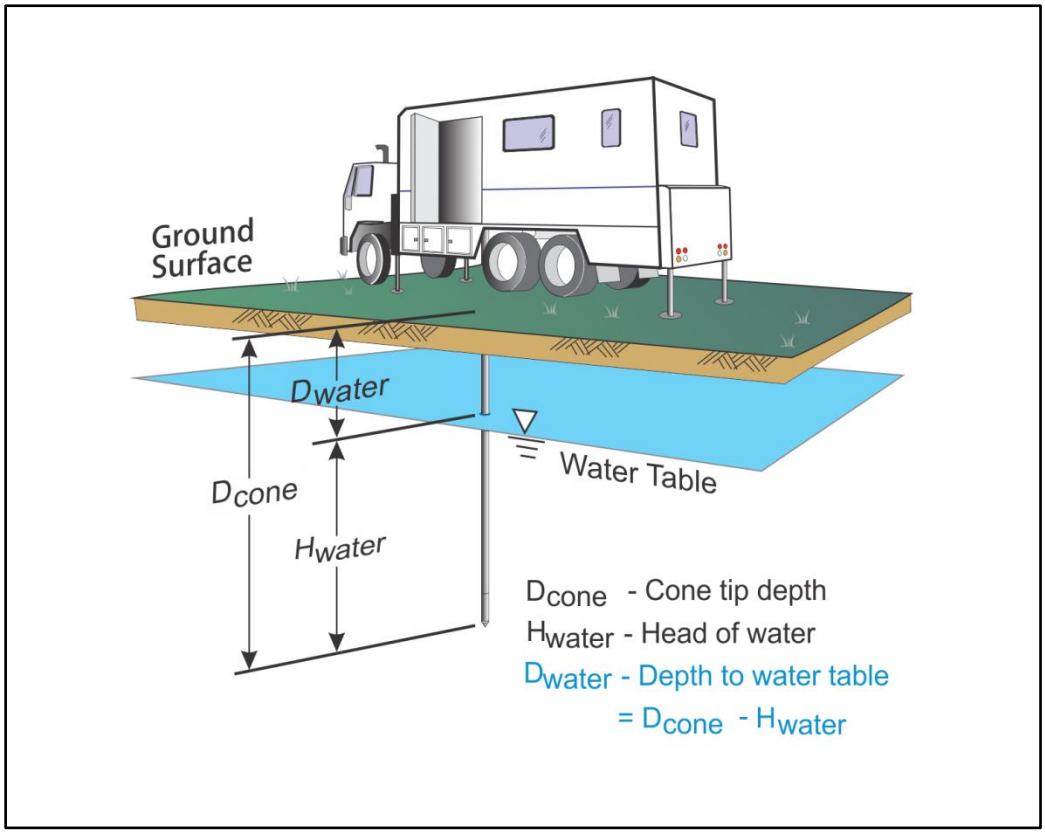


Figure PPD-1. Pore pressure dissipation test setup

Pore pressure dissipation data can be interpreted to provide estimates of ground water conditions, permeability, consolidation characteristics and soil behavior.

The typical shapes of dissipation curves shown in Figure PPD-2 are very useful in assessing soil type, drainage, in situ pore pressure and soil properties. A flat curve that stabilizes quickly is typical of a freely draining sand. Undrained soils such as clays will typically show positive excess pore pressure and have long dissipation times. Dilative soils will often exhibit dynamic pore pressures below equilibrium that then rise over time. Overconsolidated fine-grained soils will often exhibit an initial dilatory response where there is an initial rise in pore pressure before reaching a peak and dissipating.

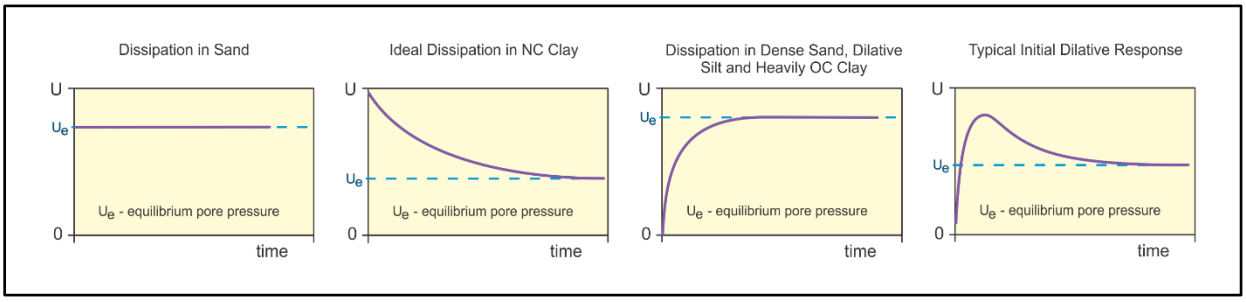


Figure PPD-2. Pore pressure dissipation curve examples

In order to interpret the equilibrium pore pressure (u_{eq}) and the apparent phreatic surface, the pore pressure should be monitored until such time as there is no variation in pore pressure with time as shown for each curve in Figure PPD-2.

In fine grained deposits the point at which 100% of the excess pore pressure has dissipated is known as t_{100}. In some cases this can take an excessive amount of time and it may be impractical to take the dissipation to t_{100}. A theoretical analysis of pore pressure dissipations by Teh and Houlsby (1991) showed that a single curve relating degree of dissipation versus theoretical time factor (T*) may be used to calculate the coefficient of consolidation (c_h) at various degrees of dissipation resulting in the expression for c_h shown below.

$$c_h = \frac{T^* \cdot a^2 \cdot \sqrt{I_r}}{t}$$

Where:
T* is the dimensionless time factor (Table Time Factor)
a is the radius of the cone
I_r is the rigidity index
t is the time at the degree of consolidation

Table Time Factor. T* versus degree of dissipation (Teh and Houlsby (1991))

Degree of Dissipation (%)	20	30	40	50	60	70	80
T* (u_2)	0.038	0.078	0.142	0.245	0.439	0.804	1.60

The coefficient of consolidation is typically analyzed using the time (t_{50}) corresponding to a degree of dissipation of 50% (u_{50}). In order to determine t_{50}, dissipation tests must be taken to a pressure less than u_{50}. The u_{50} value is half way between the initial maximum pore pressure and the equilibrium pore pressure value, known as u_{100}. To estimate u_{50}, both the initial maximum pore pressure and u_{100} must be known or estimated. Other degrees of dissipations may be considered, particularly for extremely long dissipations.

At any specific degree of dissipation the equilibrium pore pressure (u at t_{100}) must be estimated at the depth of interest. The equilibrium value may be determined from one or more sources such as measuring the value directly (u_{100}), estimating it from other dissipations in the same profile, estimating the phreatic surface and assuming hydrostatic conditions, from nearby soundings, from client provided information, from site observations and/or past experience, or from other site instrumentation.

For calculations of c_h (Teh and Houlsby (1991)), t_{50} values are estimated from the corresponding pore pressure dissipation curve and a rigidity index (I_r) is assumed. For curves having an initial dilatory response in which an initial rise in pore pressure occurs before reaching a peak, the relative time from the peak value is used in determining t_{50}. In cases where the time to peak is excessive, t_{50} values are not calculated.

Due to possible inherent uncertainties in estimating I_r, the equilibrium pore pressure and the effect of an initial dilatory response on calculating t_{50}, other methods should be applied to confirm the results for c_h.

Additional published methods for estimating the coefficient of consolidation from a piezocone test are described in Burns and Mayne (1998, 2002), Jones and Van Zyl (1981), Robertson et al. (1992) and Sully et al. (1999).

A summary of the pore pressure dissipation tests and dissipation plots are presented in the relevant appendix.

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Robertson, P.K., Sully, J.P., Woeller, D.J., Lunne, T., Powell, J.J.M. and Gillespie, D.G., 1992, “Estimating coefficient of consolidation from piezocone tests”, Canadian Geotechnical Journal, 29(4): 539-550. DOI: 10.1139/T92-061.

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Sully, J.P., Robertson, P.K., Campanella, R.G. and Woeller, D.J., 1999, “An approach to evaluation of field CPTU dissipation data in overconsolidated fine-grained soils”, Canadian Geotechnical Journal, 36(2): 369-381. DOI: 10.1139/T98-105.

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Description of Methods for Calculated CPT Geotechnical Parameters

CONETEC

CALCULATED CPT GEOTECHNICAL PARAMETERS

A Detailed Description of the Methods Used in ConeTec's CPT Geotechnical Parameter Calculation and Plotting Software

Revision SZW-Rev 14

Revised November 26, 2019
Prepared by Jim Greig, M.A.Sc, P.Eng (BC)

Limitations

The geotechnical parameter output was prepared specifically for the site and project named in the accompanying report subject to objectives, site conditions and criteria provided to ConeTec by the client. The output may not be relied upon by any other party or for any other site without the express written permission of ConeTec Group (ConeTec) or any of its affiliates. For this project, ConeTec has provided site investigation services, prepared factual data reporting and produced geotechnical parameter calculations consistent with current best practices. No other warranty, expressed or implied, is made.

To understand the calculations that have been performed and to be able to reproduce the calculated parameters the user is directed to the basic descriptions for the methods in this document and the detailed descriptions and their associated limitations and appropriateness in the technical references cited for each parameter.

ConeTec's Calculated CPT Geotechnical Parameters as of November 26, 2019

ConeTec's CPT parameter calculation and plotting routine provides a tabular output of geotechnical parameters based on current published CPT correlations and is subject to change to reflect the current state of practice. Due to drainage conditions and the basic assumptions and limitations of the correlations, not all geotechnical parameters provided are considered applicable for all soil types. The results are presented only as a guide for geotechnical use and should be carefully examined for consideration in any geotechnical design. Reference to current literature is strongly recommended. ConeTec does not warranty the correctness or the applicability of any of the geotechnical parameters calculated by the program and does not assume liability for any use of the results in any design or review. For verification purposes we recommend that representative hand calculations be done for any parameter that is critical for design purposes. The end user of the parameter output should also be fully aware of the techniques and the limitations of any method used by the program. The purpose of this document is to inform the user as to which methods were used and to direct the end user to the appropriate technical papers and/or publications for further reference.

The geotechnical parameter output was prepared specifically for the site and project named in the accompanying report subject to objectives, site conditions and criteria provided to ConeTec by the client. The output may not be relied upon by any other party or for any other site without the express written permission of ConeTec Group (ConeTec) or any of its affiliates.

The CPT calculations are based on values of tip resistance, sleeve friction and pore pressures considered at each data point or averaged over a user specified layer thickness (e.g. 0.20 m). Note that q_t is the tip resistance corrected for pore pressure effects and q_c is the recorded tip resistance. The corrected tip resistance (corrected using u_2 pore pressure values) is used for all of the calculations. Since all ConeTec cones have equal end area friction sleeves pore pressure corrections to sleeve friction, f_s, are not required.

The tip correction is: $q_t = q_c + (1-a) \bullet u_2$ (consistent units are implied)

where: q_t is the corrected tip resistance
q_c is the recorded tip resistance
u_2 is the recorded dynamic pore pressure behind the tip (u_2 position)
a is the Net Area Ratio for the cone (typically 0.80 for ConeTec cones)

The total stress calculations are based on soil unit weight values that have been assigned to the Soil Behavior Type (SBT) zones, from a user defined unit weight profile, by using a single uniform value throughout the profile, through unit weight estimation techniques described in various technical papers or from a combination of these methods. The parameter output files indicate the method(s) used.

Effective vertical overburden stresses are calculated based on a hydrostatic distribution of equilibrium pore pressures below the water table or from a user defined equilibrium pore pressure profile (typically obtained from CPT dissipation tests) or a combination of the two. For over water projects the stress effects of the column of water above the mudline have been taken into account as has the appropriate unit weight of water. How this is done depends on where the instruments were zeroed (i.e. on deck or at the mudline). The parameter output files indicate the method(s) used.

A majority of parameter calculations are derived or driven by results based on material types as determined by the various soil behavior type charts depicted in Figures 1 through 5. The parameter output files indicate the method(s) used.

The Soil Behavior Type classification chart shown in Figure 1 is the classic non-normalized SBT Chart developed at the University of British Columbia and reported in Robertson, Campanella, Gillespie and Greig (1986). Figure 2 shows the original normalized (linear method) SBT chart developed by Robertson (1990). The Bq classification charts shown in Figures 3a and 3b incorporate pore pressures into the SBT classification and are based on the methods described in Robertson (1990). Many of these charts have been summarized in Lunne, Robertson and Powell (1997). The

Jefferies and Davies SBT chart shown in Figure 3c is based on the techniques discussed in Jefferies and Davies (1993) which introduced the concept of the Soil Behavior Type Index parameter, I_c. Please note that the I_c parameter developed by Robertson and Fear (1995) and Robertson and Wride (1998) is similar in concept but uses a slightly different calculation method than that used by Jefferies and Davies (1993) as the latter incorporates pore pressure in their technique through the use of the Bq parameter. The normalized Qtn SBT chart shown in Figure 4 is based on the work by Robertson (2009) utilizing a variable stress ratio exponent, n, for normalization based on a slightly modified redefinition and iterative approach for I_c. The boundary curves drawn on the chart are based on the work described in Robertson (2010).

Figure 5 shows a revised behavior based chart by Robertson (2016) depicting contractive-dilative zones. As the zones represent material behavior rather than soil gradation ConeTec has chosen a set of zone colors that are less likely to be confused with material type colors from previous SBT charts. These colors differ from those used by Dr. Robertson.

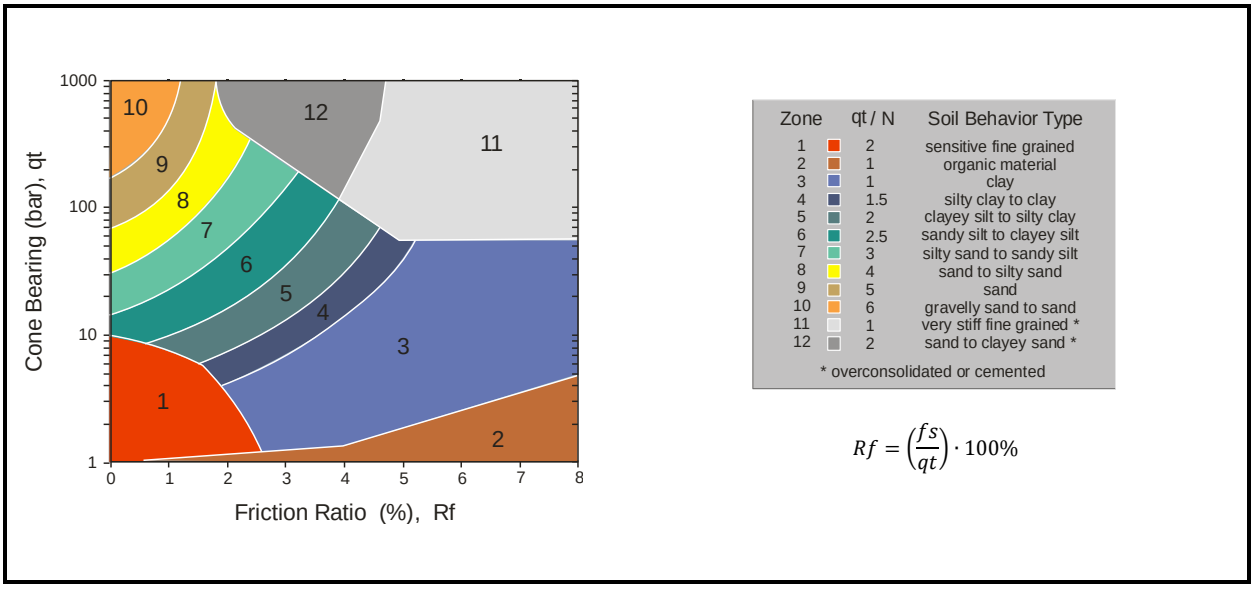

Figure 1. Non-Normalized Soil Behavior Type Classification Chart (SBT)

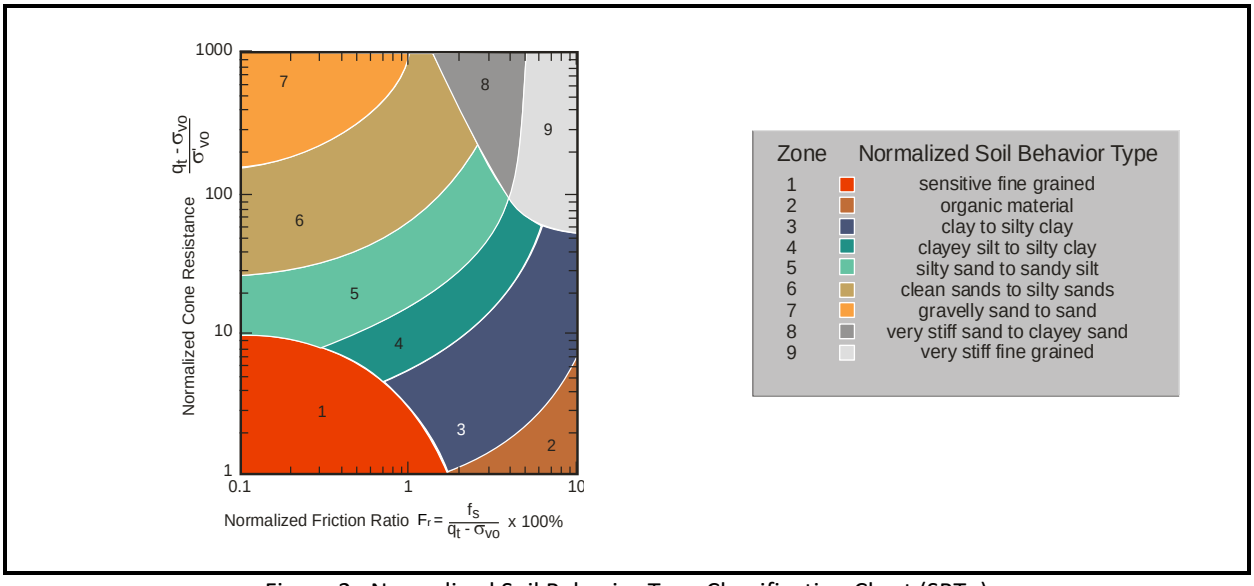

Figure 2. Normalized Soil Behavior Type Classification Chart (SBTn)

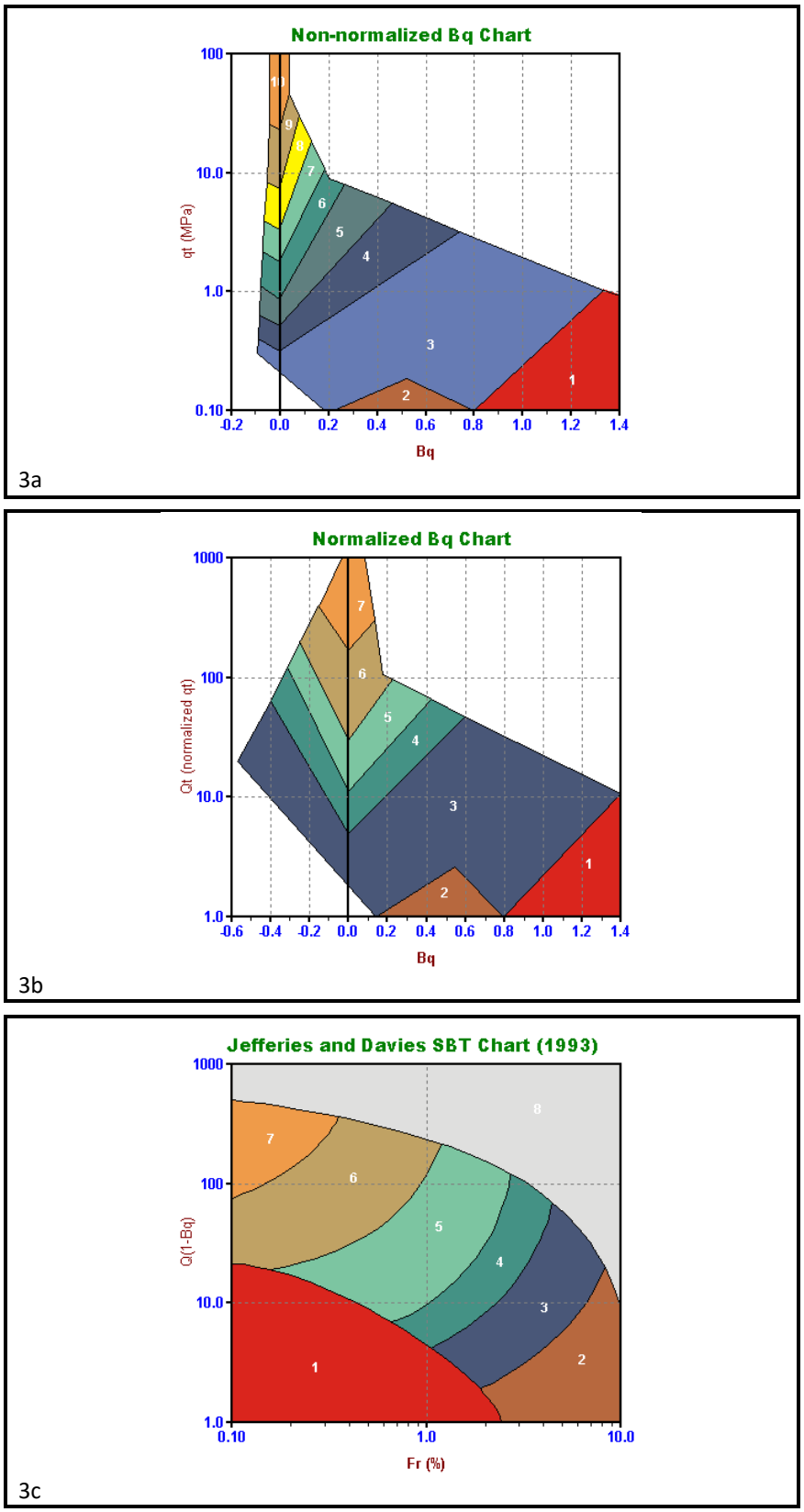

Figure 3. Alternate Soil Behavior Type Charts

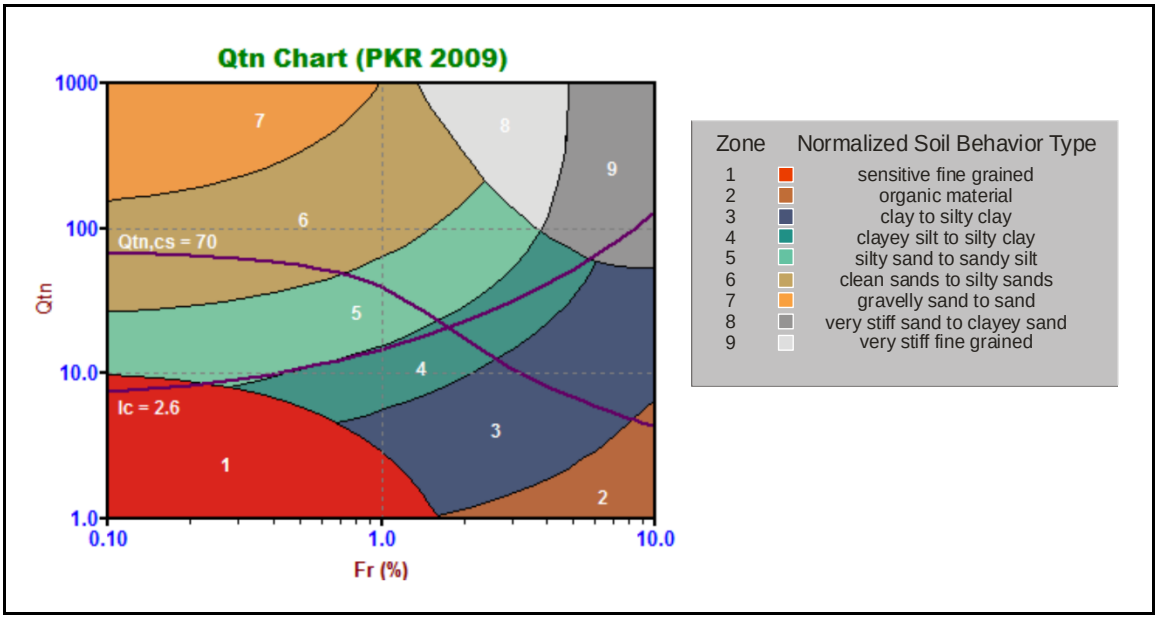

Figure 4. Normalized Soil Behavior Type Chart using Q_{tn} (SBT Qtn)

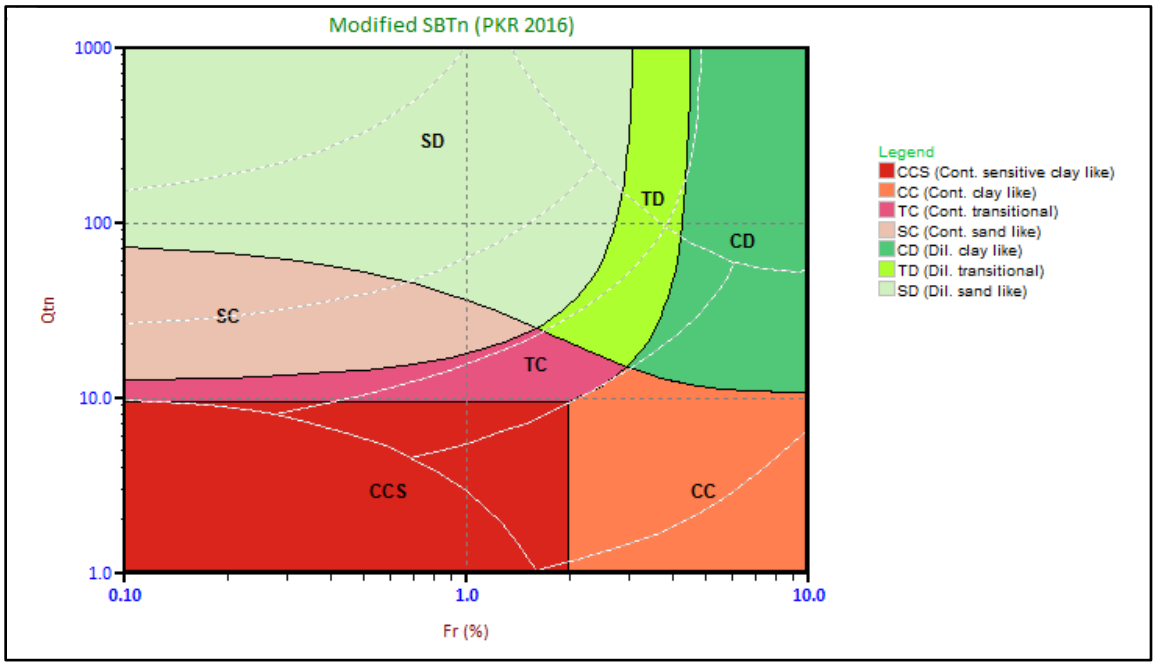

Figure 5. Modified SBTn Behavior Based Chart

Details regarding the geotechnical parameter calculations are provided in Tables 1a and 1b. The appropriate references cited are listed in Table 2. Non-liquefaction specific parameters are detailed in Table 1a and liquefaction specific parameters are detailed in Table 1b.

Where methods are based on charts or techniques that are too complex to describe in this summary the user should refer to the cited material. Specific limitations for each method are described in the cited material.

Where the results of a calculation/correlation are deemed *'invalid'* the value will be represented by the text strings "-9999", "-9999.0", the value 0.0 (Zero) or an empty cell. Invalid results will occur because of (and not limited to) one or a combination of:

1. Invalid or undefined CPT data (e.g. drilled out section or data gap).

2. Where the calculation method is inappropriate, for example, drained parameters in a material behaving as an undrained material (and vice versa).

3. Where input values are beyond the range of the referenced charts or specified limitations of the correlation method.

4. Where pre-requisite or intermediate parameter calculations are invalid.

The parameters selected for output from the program are often specific to a particular project. As such, not all of the calculated parameters listed in Table 1 may be included in the output files delivered with this report.

The output files are typically provided in Microsoft Excel XLS or XLSX format. The ConeTec software has several options for output depending on the number or types of calculated parameters desired or requested by the client. Each output file is named using the original COR file base name followed by a three or four letter indicator of the output set selected (e.g. BSC, TBL, NLI, NL2, IFI, IFI2) and possibly followed by an operator selected suffix identifying the characteristics of the particular calculation run.

Table 1a. CPT Parameter Calculation Methods – Non liquefaction Parameters

Calculated Parameter	Description	Equation	Ref
Depth	Mid Layer Depth *(where calculations are done at each point then Mid Layer Depth = Recorded Depth)*	*[Depth (Layer Top) + Depth (Layer Bottom)]/ 2.0*	CK*
Elevation	Elevation of Mid Layer based on sounding collar elevation supplied by client or through site survey	Elevation = Collar Elevation - Depth	CK*
Avg qc	Averaged recorded tip value (q_c)	$Avgqc = \frac{1}{n}\sum_{i=1}^{n} q_c$ *n=1 when calculations are done at each point*	CK*
Avg qt	Averaged corrected tip (q_t) where: $q_t = q_c + (1-a) \bullet u_2$	$Avgqt = \frac{1}{n}\sum_{i=1}^{n} q_t$ *n=1 when calculations are done at each point*	1
Avg fs	Averaged sleeve friction (f_s)	$Avgfs = \frac{1}{n}\sum_{i=1}^{n} fs$ *n=1 when calculations are done at each point*	CK*
Avg Rf	Averaged friction ratio (R_f) where friction ratio is defined as: $Rf = 100\% \bullet \frac{fs}{q_t}$	$AvgRf = 100\% \cdot \frac{Avgfs}{Avgqt}$ *n=1 when calculations are done at each point*	CK*
Avg u	Averaged dynamic pore pressure *(u)*	$Avgu = \frac{1}{n}\sum_{i=1}^{n} u_i$ *n=1 when calculations are done at each point*	CK*

Calculated Parameter	Description	Equation	Ref
Avg Res	Averaged Resistivity (this data is not always available since it is a specialized test requiring an additional module)	$AvgRes = \frac{1}{n}\sum_{i=1}^{n} Resistivity_i$ *n=1 when calculations are done at each point*	CK*
Avg UVIF	Averaged UVIF ultra-violet induced fluorescence (this data is not always available since it is a specialized test requiring an additional module)	$AvgUVIF = \frac{1}{n}\sum_{i=1}^{n} UVIF_i$ *n=1 when calculations are done at each point*	CK*
Avg Temp	Averaged Temperature (this data is not always available since it requires specialized calibrations)	$AvgTemp = \frac{1}{n}\sum_{i=1}^{n} Temperature_i$ *n=1 when calculations are done at each point*	CK*
Avg Gamma	Averaged Gamma Counts (this data is not always available since it is a specialized test requiring an additional module)	$AvgGamma = \frac{1}{n}\sum_{i=1}^{n} Gamma_i$ *n=1 when calculations are done at each point*	CK*
SBT	Soil Behavior Type as defined by Robertson et al 1986 (often referred to as Robertson and Campanella, 1986)	See Figure 1	1, 5
SBTn	Normalized Soil Behavior Type as defined by Robertson 1990 (linear normalization)	See Figure 2	2, 5
SBT-Bq	Non-normalized Soil Behavior type based on the Bq parameter	See Figure 3	1, 2, 5
SBT-Bqn	Normalized Soil Behavior based on the Bq parameter	See Figure 3	2, 5
SBT-JandD	Soil Behavior Type as defined by Jeffries and Davies	See Figure 3	7
SBT Qtn	Soil Behavior Type as defined by Robertson (2009) using a variable stress ratio exponent for normalization based on I_c	See Figure 4	15
Modified SBTn (contractive /dilative)	Modified SBTn chart as defined by Robertson (2016) indicating zones of contractive/dilative behavior.	See Figure 5	30
Unit Wt.	Unit Weight of soil determined from one of the following user selectable options: 1) uniform value 2) value assigned to each SBT zone 3) value assigned to each SBTn zone 4) value assigned to SBTn zone as determined from Robertson and Wride (1998) based on q_{c1n} 5) values assigned to SBT Qtn zones 6) Mayne fs (sleeve friction) method 7) Robertson 2010 method 8) user supplied unit weight profile The last option may co-exist with any of the other options	See references	3, 5, 15, 21, 24, 29

Calculated Parameter	Description	Equation	Ref
TStress σ_v	Total vertical overburden stress at Mid Layer Depth *A layer is defined as the averaging interval specified by the user where depths are reported at their respective mid-layer depth.* *For data calculated at each point layers are defined using the recorded depth as the mid-point of the layer. Thus, a layer starts half-way between the previous depth and the current depth unless this is the first point in which case the layer start is at zero depth. The layer bottom is half-way from the current depth to the next depth unless it is the last data point.* *Defining layers affects how stresses are calculated since the unit weight attributed to a data point is used throughout the entire layer. This means that to calculate the stresses the total stress at the top and bottom of a layer are required. The stress at mid layer is determined by adding the incremental stress from the layer top to the mid-layer depth. The stress at the layer bottom becomes the stress at the top of the subsequent layer. Stresses are NOT calculated from mid-point to mid-point.* *For over-water work the total stress due to the column of water above the mud line is taken into account where appropriate.*	$TStress = \sum_{i=1}^{n} \gamma_i h_i$ *where* γ_i is layer unit weight h_i is layer thickness	CK*
EStress σ_v'	Effective vertical overburden stress at mid-layer depth	$\sigma_v' = \sigma_v - u_{eq}$	CK*
Equil u u_{eq} or u_0	Equilibrium pore pressure determined from one of the following user selectable options: 1) hydrostatic below water table 2) user supplied profile 3) combination of those above When a user supplied profile is used/provided a linear interpolation is performed between equilibrium pore pressures defined at specific depths. If the profile values start below the water table then a linear transition from zero pressure at the water table to the first defined pointed is used. Equilibrium pore pressures may come from dissipation tests, adjacent piezometers or other sources. Occasionally, an extra equilibrium point ("assumed value") will be provided in the profile that does not come from a recorded value to smooth out any abrupt changes or to deal with material interfaces. These "assumed" values will be indicated on our plots and in tabular summaries.	For hydrostatic option: $u_{eq} = \gamma_w \cdot (D - D_{wt})$ where u_{eq} is equilibrium pore pressure γ_w is unit weight of water D is the current depth D_{wt} is the depth to the water table	CK*
K_0	Coefficient of earth pressure at rest, K_0	$K_0 = (1 - \sin\Phi') OCR^{\sin\Phi'}$	17
C_n	Overburden stress correction factor used for $(N_1)_{60}$ and older CPT parameters	$C_n = (P_a/\sigma_v')^{0.5}$ where $0.0 < C_n < 2.0$ *(user adjustable, typically 1.7)* P_a *is atmospheric pressure (100 kPa)*	12
C_q	Overburden stress normalizing factor	$C_q = 1.8 / (0.8 + (\sigma_v'/P_a))$ where $0.0 < C_q < 2.0$ *(user adjustable)* P_a *is atmospheric pressure (100 kPa)*	3, 12

Calculated Parameter	Description	Equation	Ref
N_{60}	SPT N value at 60% energy calculated from q_t/N ratios assigned to each SBT zone. This method has abrupt N value changes at zone boundaries.	*See Figure 1*	5
(N1)60	SPT N_{60} value corrected for overburden pressure	$(N_1)_{60} = C_n \bullet N_{60}$	4
N60Ic	SPT N_{60} values based on the I_c parameter [as defined by Roberston and Wride 1998 (5), or by Robertson 2009 (15)].	$(q_t/P_a)/ N_{60} = 8.5 (1 – I_c/4.6)$ $(q_t/P_a)/ N_{60} = 10^{(1.1268 – 0.2817Ic)}$ Pa being atmospheric pressure	5 15, 31
(N1)60Ic	SPT N_{60} value corrected for overburden pressure (using N_{60} I_c). User has 3 options.	1) $(N_1)_{60}Ic = C_n \bullet (N_{60} I_c)$ 2) $q_{c1n}/ (N_1)_{60}I_c = 8.5 (1 – I_c/4.6)$ 3) $(Q_{tn})/ (N_1)_{60}I_c = 10^{(1.1268 – 0.2817Ic)}$	4 5 15, 31
Su or Su (Nkt)	Undrained shear strength based on q_t S_u factor N_{kt} is user selectable	$Su = \frac{qt - \sigma_v}{N_{kt}}$	1, 5
Su or Su (Ndu)	Undrained shear strength based on pore pressure S_u factor $N_{\Delta u}$ is user selectable	$Su = \frac{u_2 - u_{eq}}{N_{\Delta u}}$	1, 5
Dr	Relative Density determined from one of the following user selectable options: a) Ticino Sand b) Hokksund Sand c) Schmertmann (1978) d) Jamiolkowski (1985) - All Sands e) Jamiolkowski et al (2003) (various compressibilities, K_o)	See reference (methods a through d) Jamiolkowski et al (2003) reference	5 14
PHI ϕ	Friction Angle determined from one of the following user selectable options (methods a through d are for sands and method e is for silts and clays): a) Campanella and Robertson b) Durgunoglu and Mitchel c) Janbu d) Kulhawy and Mayne e) NTH method (clays and silts)	See appropriate reference	5 5 5 11 23
Delta U/qt	Differential pore pressure ratio (older parameter used before B_q was established)	$= \frac{\Delta u}{qt}$ *where:* $\Delta u = u - u_{eq}$ *and* u = dynamic pore pressure u_{eq} = equilibrium pore pressure	CK*
Bq	Pore pressure parameter	$Bq = \frac{\Delta u}{qt - \sigma_v}$ where : $\Delta u = u - u_{eq}$ *and* u = dynamic pore pressure u_{eq} = equilibrium pore pressure	1, 2, 5
Net qt or qtNet	Net tip resistance (used in many subsequent correlations)	$qt - \sigma_v$	CK*
qe	Effective tip resistance (using the dynamic pore pressure u_2 and not equilibrium pore pressure)	$qt - u_2$	CK*

Calculated Parameter	Description	Equation	Ref
qeNorm	Normalized effective tip resistance	$\frac{qt-u_2}{\sigma_v}$	CK*
Q_t or Norm: Qt	Normalized q_t for Soil Behavior Type classification as defined by Robertson (1990) using a linear stress normalization. Note this is different from Q_{tn}.	$Qt=\frac{qt-\sigma_v}{\sigma_v}$	2, 5
F_r or Norm: Fr	Normalized Friction Ratio for Soil Behavior Type classification as defined by Robertson (1990)	$Fr=100\%\cdot\frac{fs}{qt-\sigma_v}$	2, 5
Q(1-Bq)	Q(1-Bq) grouping as suggested by Jefferies and Davies for their classification chart and the establishment of their I_c parameter	$Q\cdot(1-Bq)$ *where Bq is defined as above and Q is the same as the normalized tip resistance, Q_t, defined above*	6, 7
qc1	Normalized tip resistance, q_{c1}, using a fixed stress ratio exponent, n (this method has stress units)	$q_{c1} = q_t \cdot (Pa/\sigma_v')^{0.5}$ where: Pa = atmospheric pressure	21
qc1 (0.5)	Normalized tip resistance, q_{c1}, using a fixed stress ratio exponent, n (this method is unit-less)	$q_{c1}\ (0.5)= (q_t/P_a) \cdot (Pa/\sigma_v')^{0.5}$ where: Pa = atmospheric pressure	5
qc1 (Cn)	Normalized tip resistance, q_{c1}, based on C_n (this method has stress units)	$q_{c1}(Cn) = C_n * q_t$	5, 12
qc1 (Cq)	Normalized tip resistance, q_{c1}, based on C_q (this method has stress units)	$q_{c1}\ (Cq)= C_q * q_t$ (some papers use q_c)	5, 12
qc1n	normalized tip resistance, q_{c1n}, using a variable stress ratio exponent, n (where n=0.0, 0.70, 1.0) (this method is unit-less)	$q_{c1n} = (q_t / P_a)(P_a/\sigma_v')^n$ where: P_a = atm. Pressure and n varies as described below	3, 5
I_c or Ic (RW1998)	Soil Behavior Type Index as defined by Robertson and Fear (1995) and Robertson and Wride (1998) for estimating grain size characteristics and providing smooth gradational changes across the SBTn chart	$I_c = [(3.47 - \log_{10}Q)^2 + (\log_{10} Fr + 1.22)^2\ ]^{0.5}$ *Where:* $Q=\left(\frac{qt-\sigma_v}{P_a}\right)\left(\frac{P_a}{\sigma_v'}\right)^n$ *Or* $Q=q_{c1n}=\left(\frac{qt}{P_a}\right)\left(\frac{P_a}{\sigma_v'}\right)^n$ *depending on the iteration in determining I_c* *And* *Fr is in percent* *P_a = atmospheric pressure* *n varies between 0.5, 0.70 and 1.0 and is selected in an iterative manner based on the resulting I_c*	3, 5, 21
Ic (PKR 2009)	Soil Behavior Type Index, I_c (PKR 2009) based on a variable stress ratio exponent n, which itself is based on I_c (PKR 2009). An iterative calculation is required to determine Ic (PKR 2009) and its corresponding n (PKR 2009).	I_c (PKR 2009) = $[(3.47 - \log_{10}Q_{tn})^2 + (1.22 + \log_{10}F_r)^2]^{0.5}$	15

Calculated Parameter	Description	Equation	Ref
n (PKR 2009)	Stress ratio exponent n, based on I_c (PKR 2009). An iterative calculation is required to determine n (PKR 2009) and its corresponding Ic (PKR 2009).	*n (PKR 2009) = 0.381 (I_c) + 0.05 (σ_v'/P_a) – 0.15*	15
Qtn (PKR 2009)	Normalized tip resistance using a variable stress ratio exponent based on I_c (PKR 2009) and n (PKR 2009). An iterative calculation is required to determine Qtn (PKR 2009).	*$Q_{tn} = [(qt - \sigma_v)/P_a](P_a/\sigma_v')^n$* *where P_a = atmospheric pressure (100 kPa)* *n = stress ratio exponent described above*	15
FC	Apparent fines content (%)	*$FC=1.75(Ic^{3.25}) - 3.7$* *$FC=100$ for $I_c > 3.5$* *$FC=0$ for $I_c < 1.26$* *FC = 5% if $1.64 < I_c < 2.6$ AND $F_r<0.5$*	3
I_c Zone	This parameter is the Soil Behavior Type zone based on the I_c parameter (valid for zones 2 through 7 on SBTn or SBT Qtn charts)	$I_c < 1.31$ Zone = 7 $1.31 < I_c < 2.05$ Zone = 6 $2.05 < I_c < 2.60$ Zone = 5 $2.60 < I_c < 2.95$ Zone = 4 $2.95 < I_c < 3.60$ Zone = 3 $I_c > 3.60$ Zone = 2	3
State Param or State Parameter or ψ	The state parameter index, ψ, is defined as the difference between the current void ratio, e, and the critical void ratio, e_c. Positive ψ - contractive soil Negative ψ - dilative soil This is based on the work by Been and Jefferies (1985) and Plewes, Davies and Jefferies (1992) - vertical effective stress is used rather than a mean normal stress	See reference	6, 8
Yield Stress σ_p'	Yield stress is calculated using the following methods a) General method b) 1st order approximation using q_tNet (clays) c) 1st order approximation using Δu_2 (clays) d) 1st order approximation using q_e (clays)	All stresses in kPa a) *$\sigma_p' = 0.33\cdot(q_t - \sigma_v)^{m'} (\sigma_{atm}/100)^{1-m'}$* where $m' = 1 - \frac{0.28}{1+(I_c/2.65)^{25}}$ b) *$\sigma_p' = 0.33\cdot(q_t - \sigma_v)$* c) *$\sigma_p' = 0.54\cdot(\Delta u_2)$* $\Delta u_2 = u_2 - u_0$ d) *$\sigma_p' = 0.60\cdot(q_t - u_2)$*	19 20 20 20
OCR OCR(JS1978) OCR(Mayne2014) OCR (qtNet) OCR (deltaU) OCR (qe) OCR (Vs) OCR (PKR2015)	Over Consolidation Ratio based on a) Schmertmann (1978) method involving a plot plot of S_u/σ_v' /($S_u/\sigma_v')_{NC}$ and OCR b) based on Yield stresses described above c) approximate version based on qtNet d) approximate version based on Δu e) approximate version based on effective tip, q_e f) approximate version based on shear wave velocity, V_s g) based on Qt	 a) requires a user defined value for NC Su/P_c' ratio b through f) *based on yield stresses* g) OCR = *$0.25\cdot(Qt)^{1.25}$*	 9 19 20 20 20 18 32

Calculated Parameter	Description	Equation	Ref
Es/qt	Intermediate parameter for calculating Young's Modulus, E, in sands. It is the Y axis of the reference chart.	Based on Figure 5.59 in the reference	5
Es Young's Modulus E	Young's Modulus based on the work done in Italy. There are three types of sands considered in this technique. The user selects the appropriate type for the site from: a) OC Sands b) Aged NC Sands c) Recent NC Sands Each sand type has a family of curves that depend on mean normal stress. The program calculates mean normal stress and linearly interpolates between the two extremes provided in the E_s/q_t chart. Es is evaluated for an axial strain of 0.1%.	Mean normal stress is evaluated from: $\sigma'_m = \frac{1}{3}\left(\sigma'_v + \sigma'_h + \sigma'_h\right)^3$ where σ_v'= vertical effective stress σ_h'= horizontal effective stress *and* $\sigma_h = K_o \bullet \sigma_v'$ with K_o assumed to be 0.5	5
Delta U/TStress	Differential pore pressure ratio with respect to total stress	$= \frac{\Delta u}{\sigma_v}$ *where:* $\Delta u = u - u_{eq}$	CK*
Delta U/Estress, P Value, Excess Pore Pressure Ratio	Differential pore pressure ratio with respect to effective stress. Key parameter (P, Normalized Pore Pressure Parameter, Excess Pore Pressure Ratio) in the Winckler et. al. static liquefaction method.	$= \frac{\Delta u}{\sigma'_v}$ *where:* $\Delta u = u - u_{eq}$	25, 25a, CK*
Su/EStress	Undrained shear strength ratio with respect to vertical effective overburden stress using the S_u (N_{kt}) method	$= Su\ (N_{kt}) / \sigma_v'$	CK*
Gmax	G_{max} determined from SCPT shear wave velocities (not estimated values)	$G_{max} = \rho V_s^2$ where ρ is the mass density of the soil determined from the estimated unit weights at each test depth	27
qtNet/Gmax	Net tip resistance ratio with respect to the small strain modulus G_{max} determined from SCPT shear wave velocities (not estimated values)	$= (qt - \sigma_v) / G_{max}$ where $G_{max} = \rho V_s^2$ and ρ is the mass density of the soil determined from the estimated unit weights at each test depth	15, 28, 30

*CK – common knowledge

Table 1b. CPT Parameter Calculation Methods – Liquefaction Parameters

Calculated Parameter	Description	Equation	Ref
K_{SPT}	Equivalent clean sand factor for $(N_1)60$	$K_{SPT} = 1 + ((0.75/30) \bullet (FC - 5))$	10
K_{CPT} or K_C (RW1998)	Equivalent clean sand correction for q_{c1N}	$K_{cpt} = 1.0$ for $I_c \leq 1.64$ $K_{cpt} = f(I_c)$ for $I_c > 1.64$ (see reference) $K_c = -0.403\ I_c^4 + 5.581\ I_c^3 - 21.63 I_c^2 + 33.75\ I_c - 17.88$	3, 10
Kc (PKR 2010)	Clean sand equivalent factor to be applied to Q_{tn}	$K_c = 1.0$ for $I_c \leq 1.64$ $K_c = -0.403\ I_c^4 + 5.581\ I_c^3 - 21.63 I_c^2 + 33.75\ I_c - 17.88$ for $I_c > 1.64$	16
$(N_1)_{60cs}Ic$	Clean sand equivalent SPT $(N_1)_{60}I_c$. User has 3 options.	1) $(N_1)_{60cs}Ic = \alpha + \beta((N_1)_{60}I_c)$ 2) $(N_1)_{60cs}Ic = K_{SPT} * ((N_1)_{60}I_c)$ 3) $(q_{c1ncs})/(N_1)_{60cs}I_c = 8.5\ (1 - I_c/4.6)$ FC ≤ 5%: $\alpha = 0,\ \beta = 1.0$ FC ≥ 35% $\alpha = 5.0,\ \beta = 1.2$ 5% < FC < 35% $\alpha = exp[1.76 - (190/FC^2)]$ $\beta = [0.99 + (FC^{1.5}/1000)]$	10 10 5
q_{c1ncs}	Clean sand equivalent q_{c1n}	$q_{c1ncs} = q_{c1n} \bullet K_{cpt}$	3
Qtn,cs (PKR 2010)	Clean sand equivalent for Q_{tn} described above - Q_{tn} being the normalized tip resistance based on a variable stress exponent as defined by Robertson (2009)	$Q_{tn,cs} = Q_{tn} \cdot K_c$ (PKR 2016)	16
Su(Liq)/ESv	Liquefied shear strength ratio as defined by Olson and Stark	$\frac{Su(Liq)}{\sigma_v'} = 0.03 + 0.0143(q_{c1})$ Note: σ_v' and s_v' are synonymous	13
Su(Liq)/ESv (PKR 2010)	Liquefied shear strength ratio as defined by Robertson (2010)	$\frac{Su(Liq)}{\sigma_v'}$ Based on a function involving $Q_{tn,cs}$	16
Su (Liq) (PKR 2010)	Liquefied shear strength derived from the liquefied shear strength ratio and effective overburden stress		16
Cont/Dilat Tip	Contractive / Dilative qc1 Boundary based on $(N_1)_{60}$	$(\sigma_v')_{boundary} = 9.58 \times 10^{-4}\ [(N_1)_{60}]^{4.79}$ *qc1* is calculated from specified qt(MPa)/N ratio	13
CRR	Cyclic Resistance Ratio (for Magnitude 7.5)	$q_{c1ncs} < 50$: $CRR_{7.5} = 0.833\ [q_{c1ncs}/1000] + 0.05$ $50 \leq q_{c1ncs} < 160$: $CRR_{7.5} = 93\ [q_{c1ncs}/1000]^3 + 0.08$	10
Kg	Small strain Stiffness Ratio Factor, Kg	[Gmax/qt]/[qc1n^{-m}] m = empirical exponent, typically 0.75	26

Calculated Parameter	Description	Equation	Ref
SP Distance	State Parameter Distance, Winckler static liquefaction method	Perpendicular distance on Qtn chart from plotted point to state parameter Ψ = -0.05 curve	25
URS NP Fr	Normalized friction ratio point on Ψ = -0.05 curve used in SP Distance calculation		25
URS NP Qtn	Normalized tip resistance (Qtn) point on Ψ = -0.05 curve used in SP Distance calculation		25

Table 2. References

No.	Reference
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APPENDIX C

LABORATORY DATA

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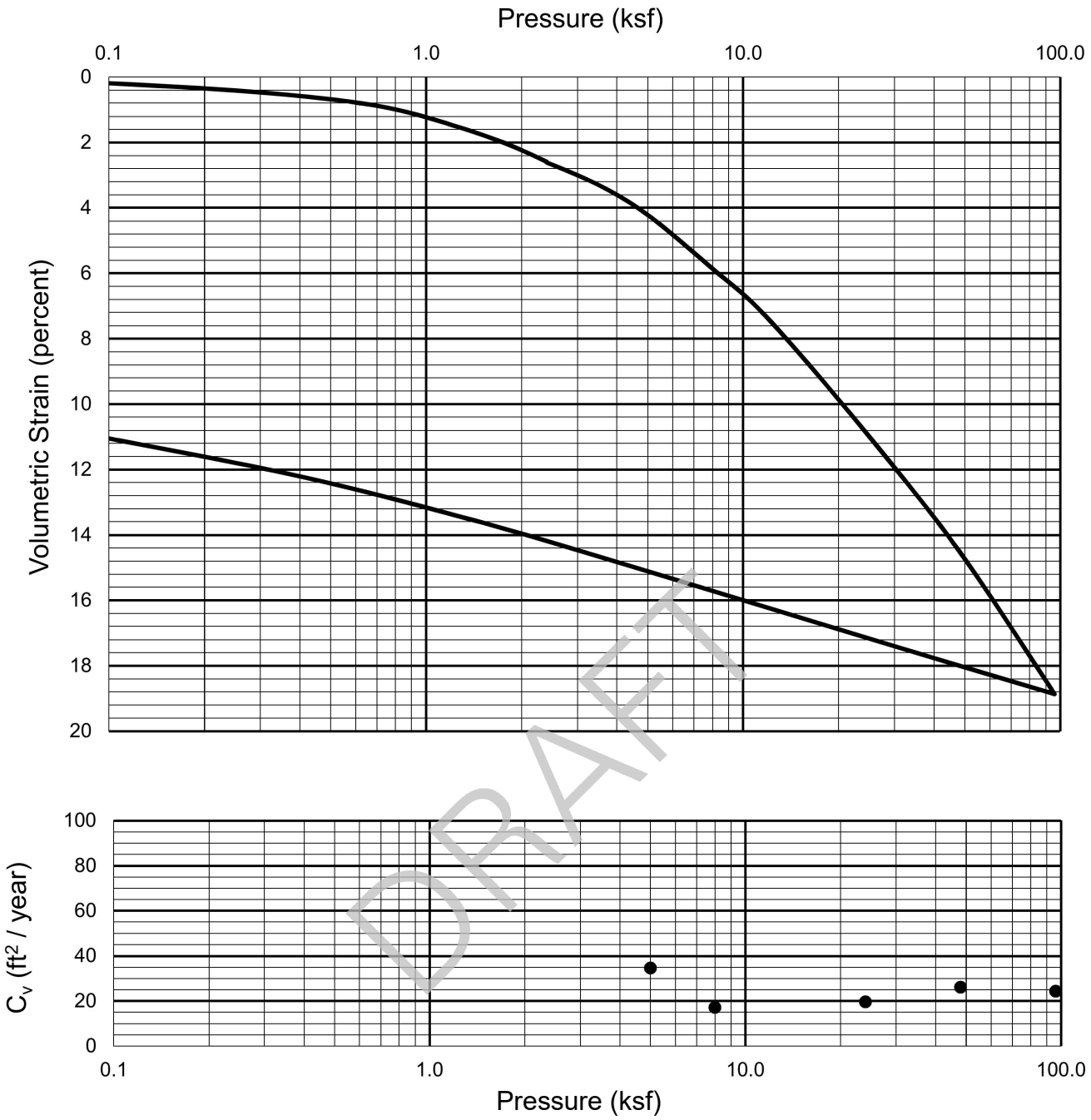

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Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	21.7%	w_f	16.3%
Overburden Pressure	P_o	3,900 psf			Void Ratio	e_o	0.62	e_f	0.44
Preconsol. Pressure	P_c	6,500 psf			Saturation	S_o	95%	S_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.15			Dry Density	γ_d	104 pcf	γ_d	117 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY (CL), gray-brown				Source:		B-1 at 46 feet		

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Checked By HS

Figure
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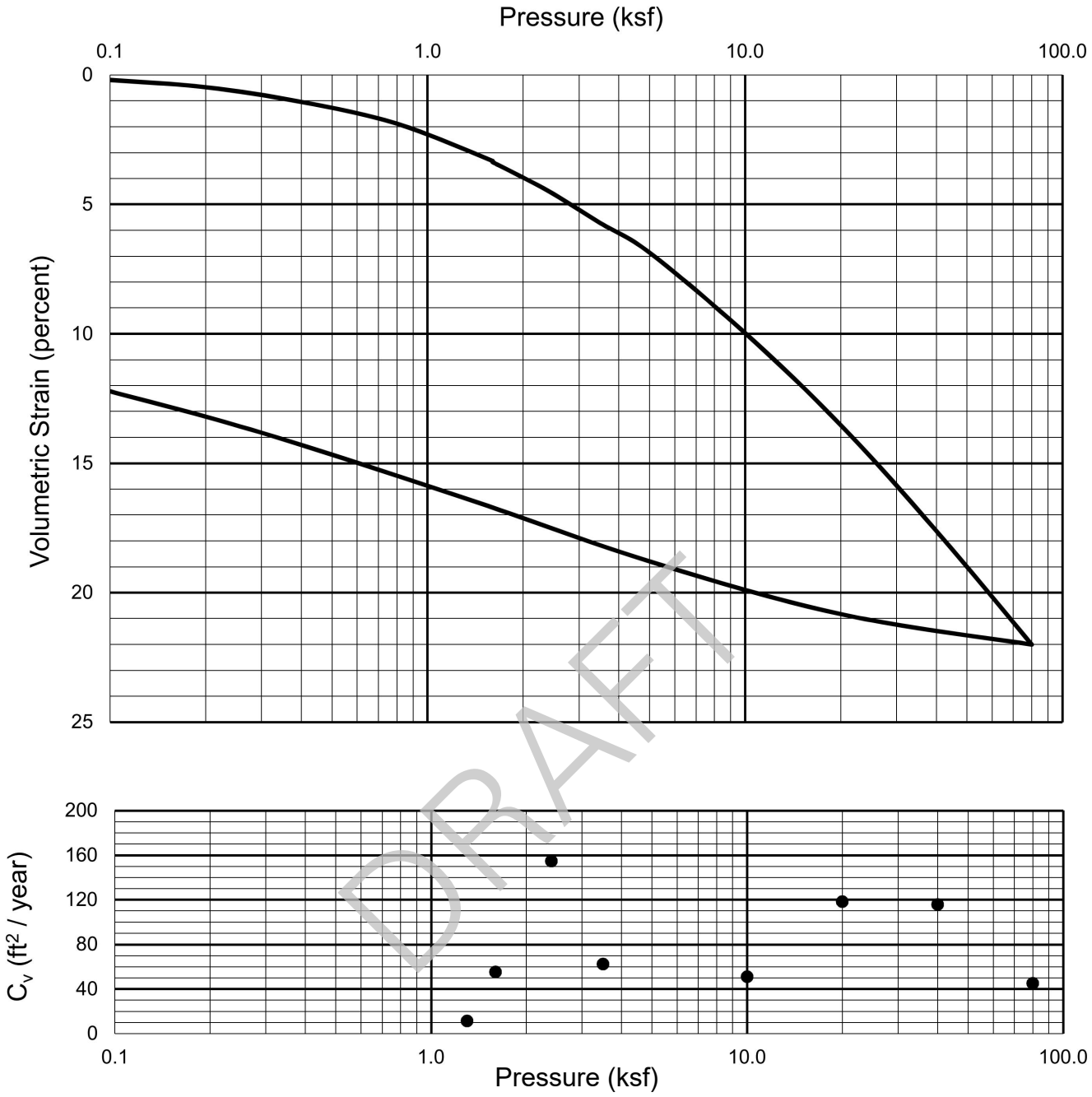

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Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	32.1%	w_f	24.4%
Overburden Pressure	P_o	3,300 psf			Void Ratio	e_o	0.89	e_f	0.68
Preconsol. Pressure	P_c	5,100 psf			Saturation	S_o	97%	s_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.16			Dry Density	γ_d	89 pcf	γ_d	102 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY (CL), gray with olive mottling				Source:		B-2 at 36 feet		

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Figure
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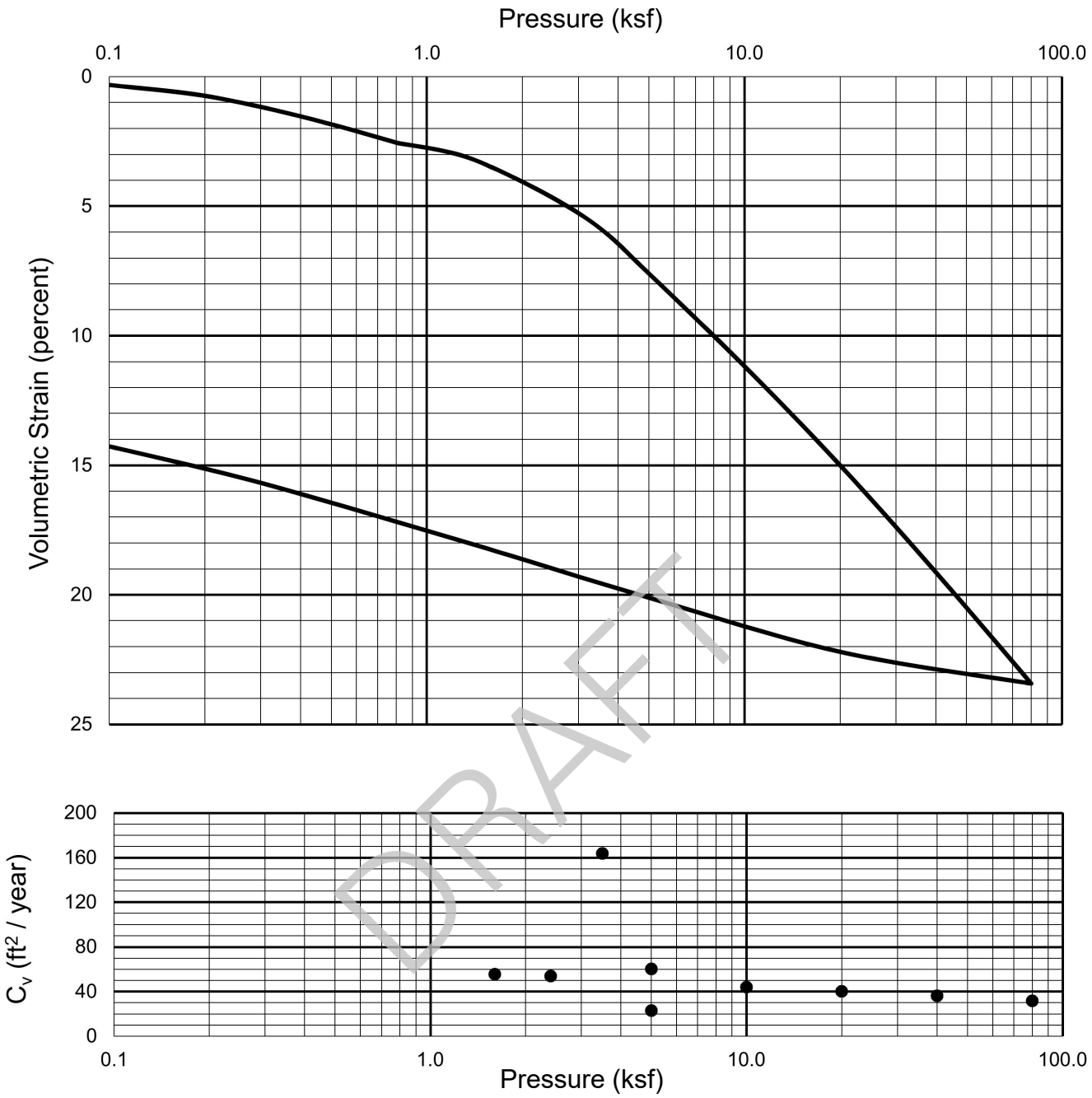

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	30.3%	w_f	21.4%
Overburden Pressure	P_o	3,600 psf			Void Ratio	e_o	0.84	e_f	0.58
Preconsol. Pressure	P_c	4,000 psf			Saturation	S_o	97%	s_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.15			Dry Density	γ_d	92 pcf	γ_d	107 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY (CL), gray-brown with brown mottling				Source:		B-4 at 41 feet		

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Figure
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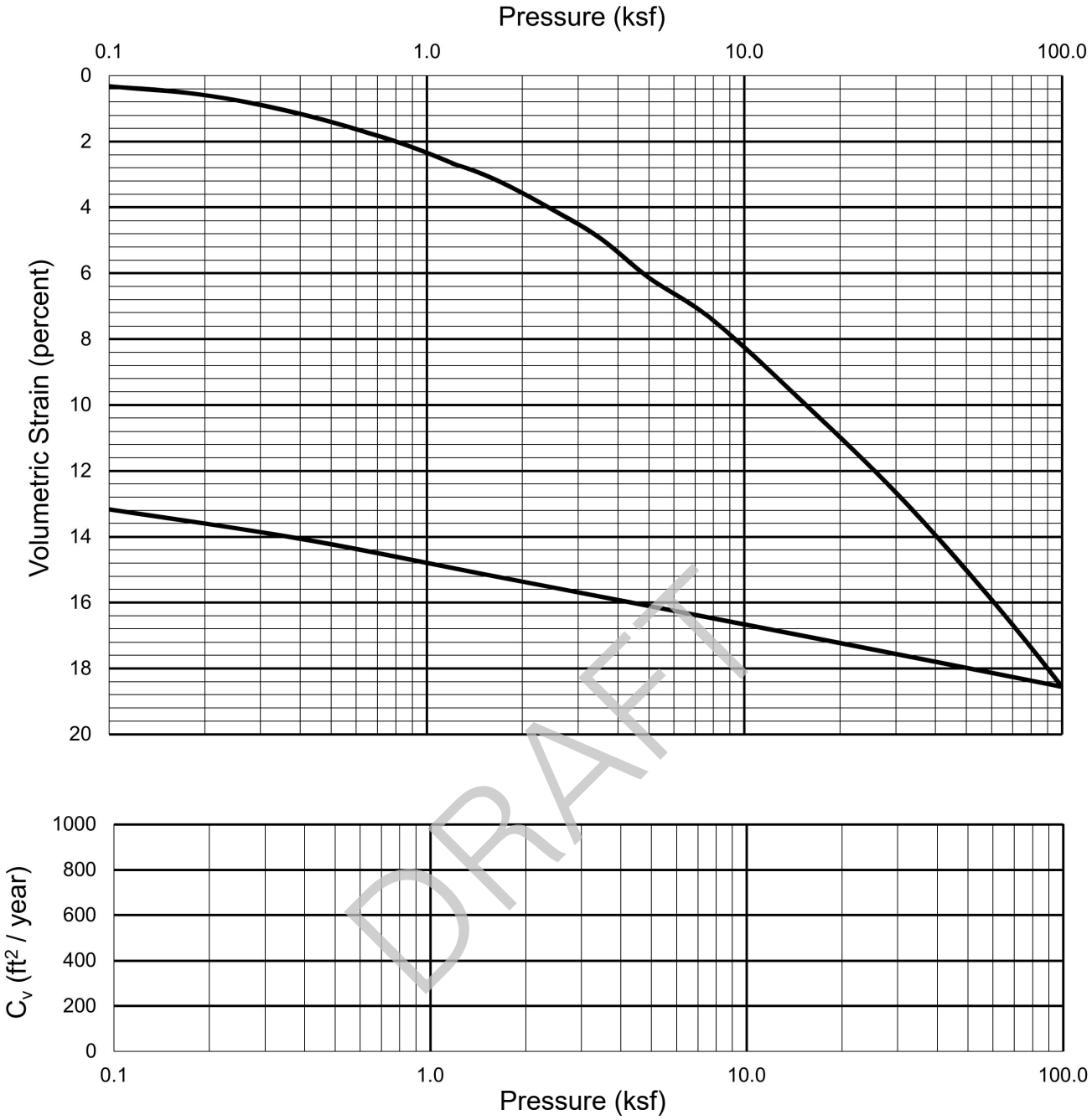

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	24.2%	w_f	16.7%
Overburden Pressure	P_o	4,900 psf			Void Ratio	e_o	0.67	e_f	0.45
Preconsol. Pressure	P_c	6,500 psf			Saturation	S_o	98%	S_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.13			Dry Density	γ_d	101 pcf	γ_d	116 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY with SAND (CL), yellow-brown to gray-brown				Source:	B-4 at 61 feet			

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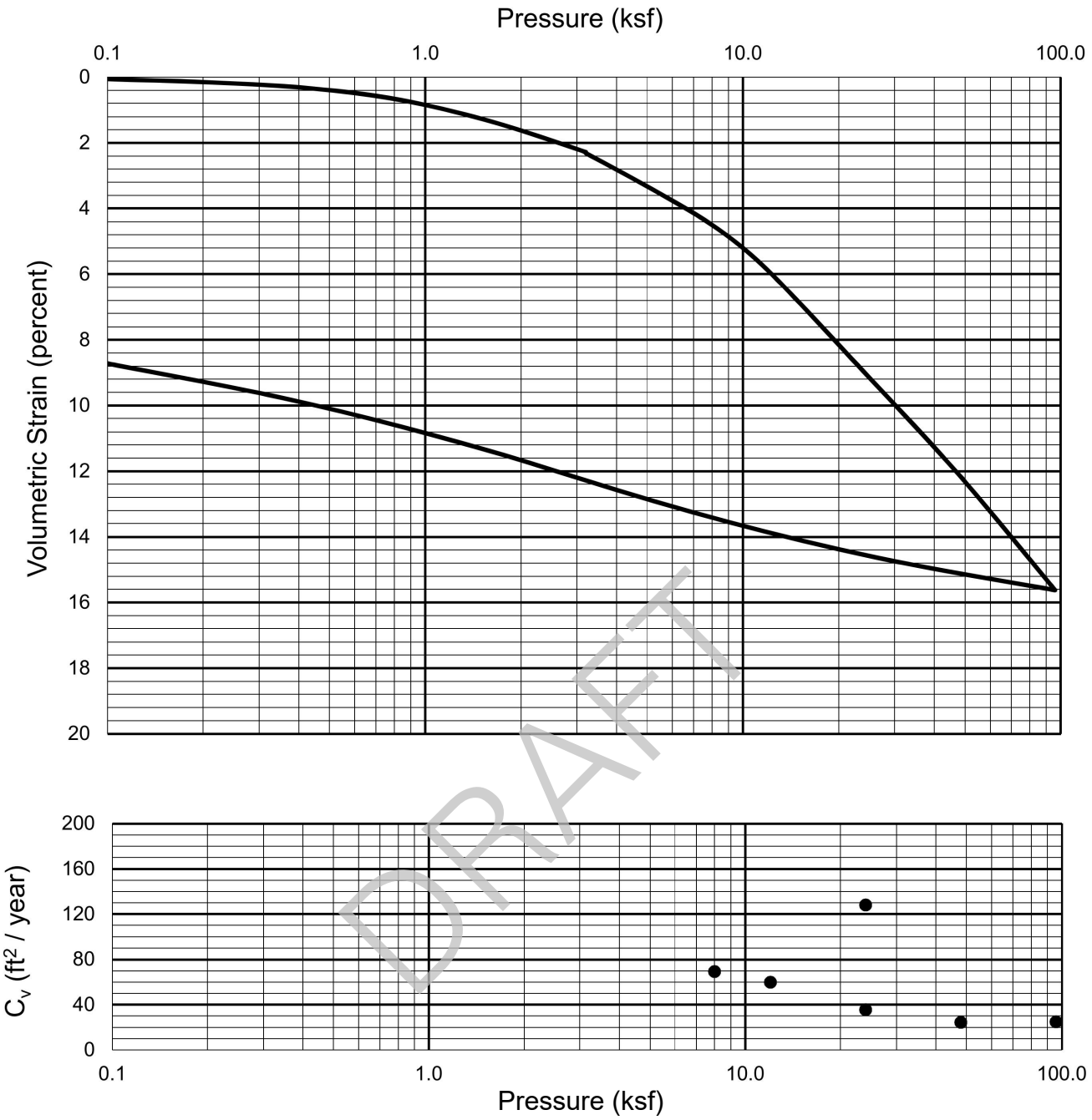

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	21.2%	w_f	17.1%
Overburden Pressure	P_o	4,000 psf			Void Ratio	e_o	0.60	e_f	0.46
Preconsol. Pressure	P_c	8,000 psf			Saturation	S_o	96%	s_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.12			Dry Density	γ_d	105 pcf	γ_d	115 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY (CL), gray with olive-gray mottling				Source:	B-5 at 46 feet			

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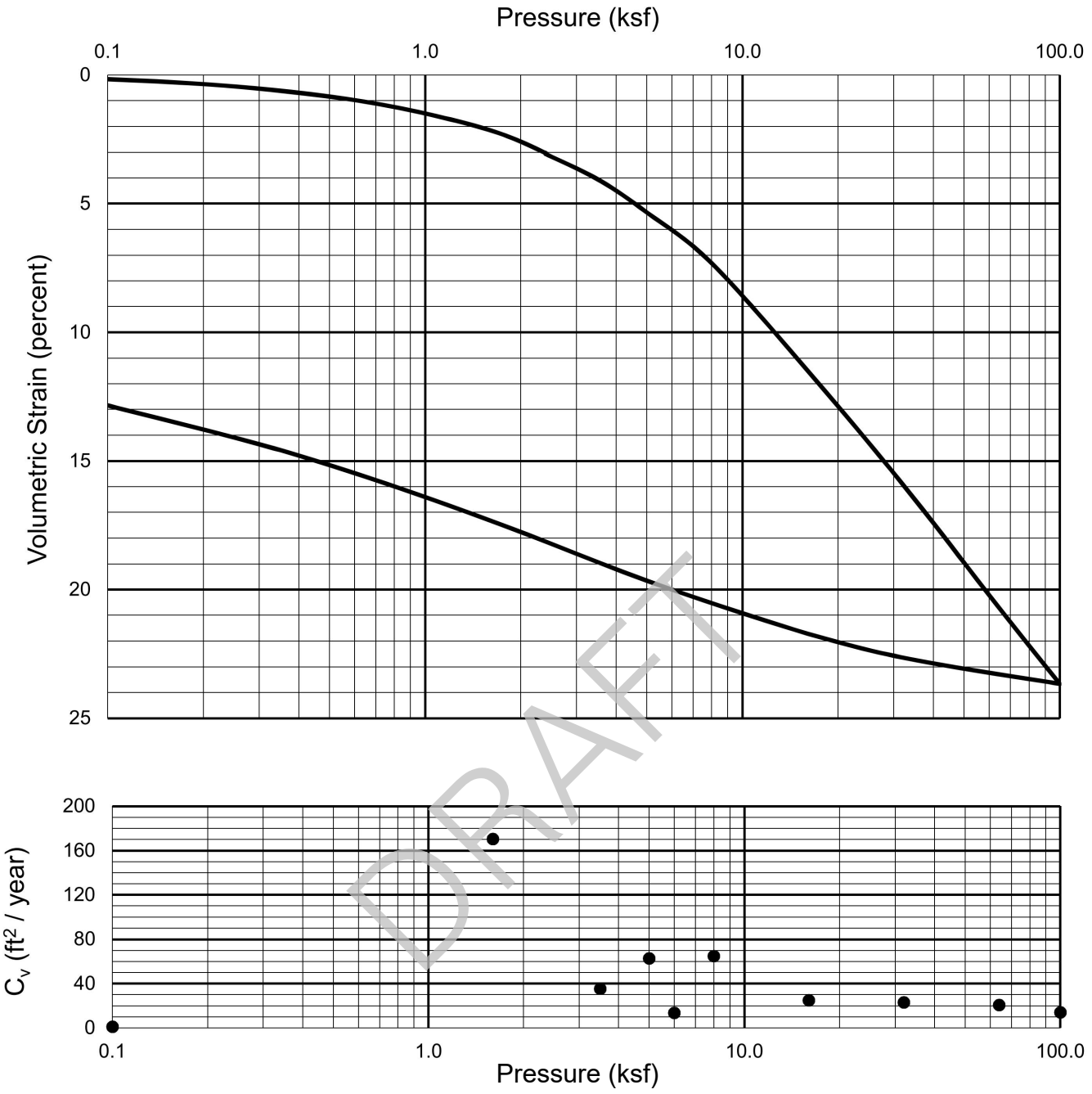

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	31.9%	w_f	24.0%
Overburden Pressure	P_o	4,000 psf			Void Ratio	e_o	0.89	e_f	0.65
Preconsol. Pressure	P_c	5,700 psf			Saturation	S_o	97%	S_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.17			Dry Density	γ_d	89 pcf	γ_d	102 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY (CL), gray				Source:	B-7 at 45.5 feet			

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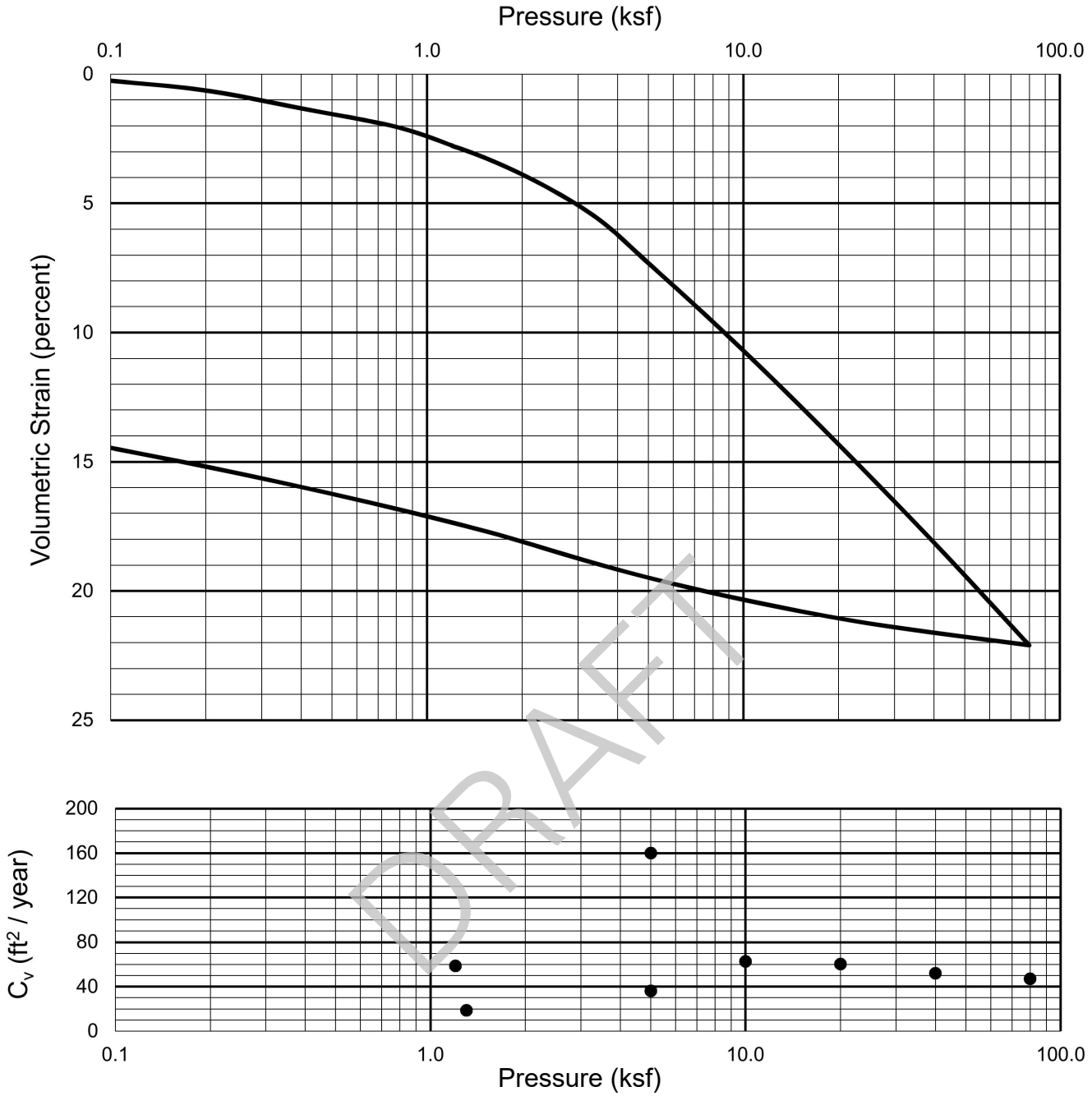

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	29.0%	w_f	20.2%
Overburden Pressure	P_o	3,700 psf			Void Ratio	e_o	0.80	e_f	0.54
Preconsol. Pressure	P_c	4,000 psf			Saturation	S_o	97%	s_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.15			Dry Density	γ_d	93 pcf	γ_d	109 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY with SAND (CL), gray				Source:		B-8 at 40.5 feet		

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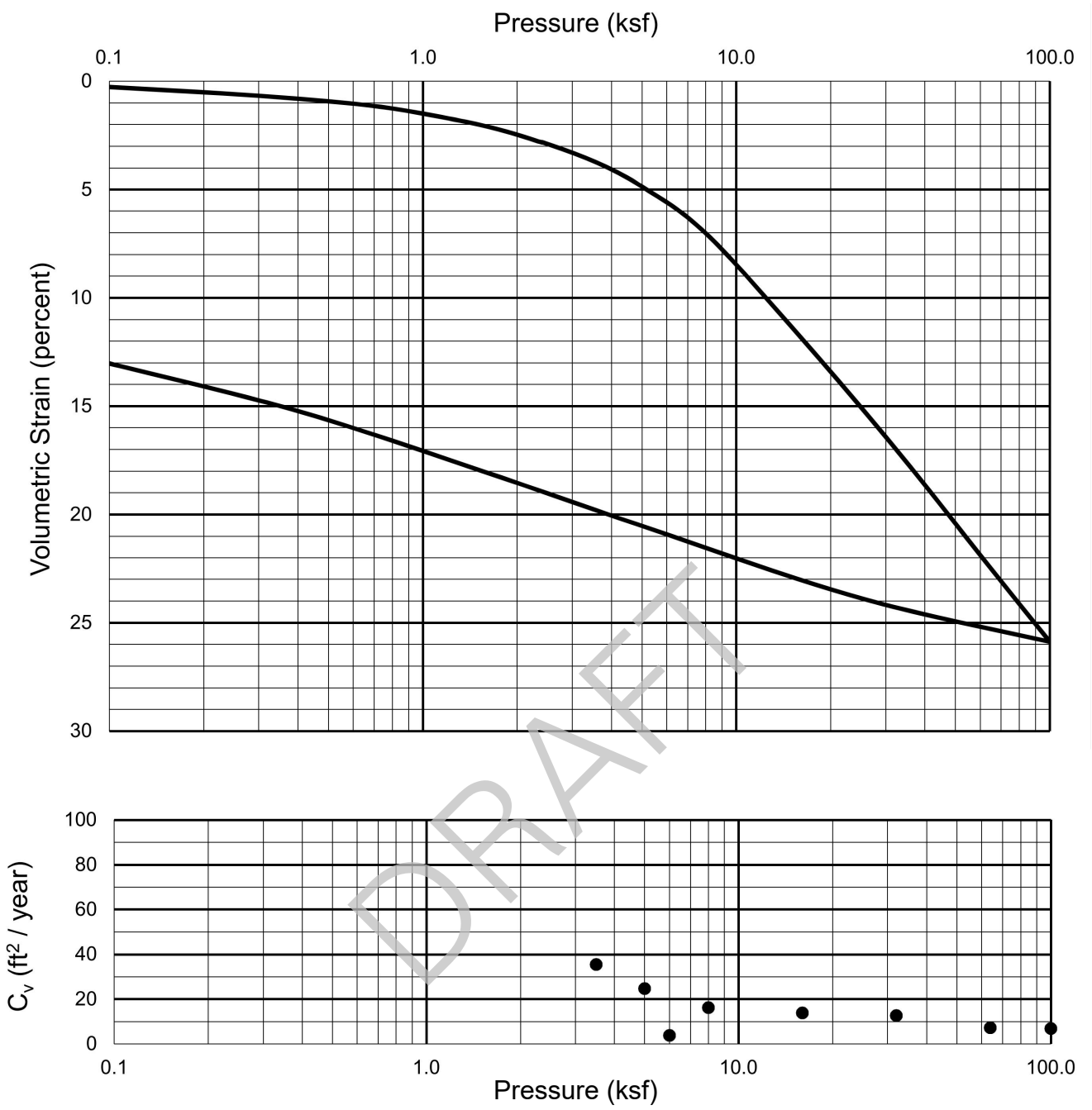

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	37.5%	w_f	29.1%
Overburden Pressure	P_o	3,400 psf			Void Ratio	e_o	1.05	e_f	0.78
Preconsol. Pressure	P_c	7,000 psf			Saturation	S_o	97%	s_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.20			Dry Density	γ_d	82 pcf	γ_d	95 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	CLAY (CL), gray-brown with brown mottling				Source:		B-13 at 36 feet		

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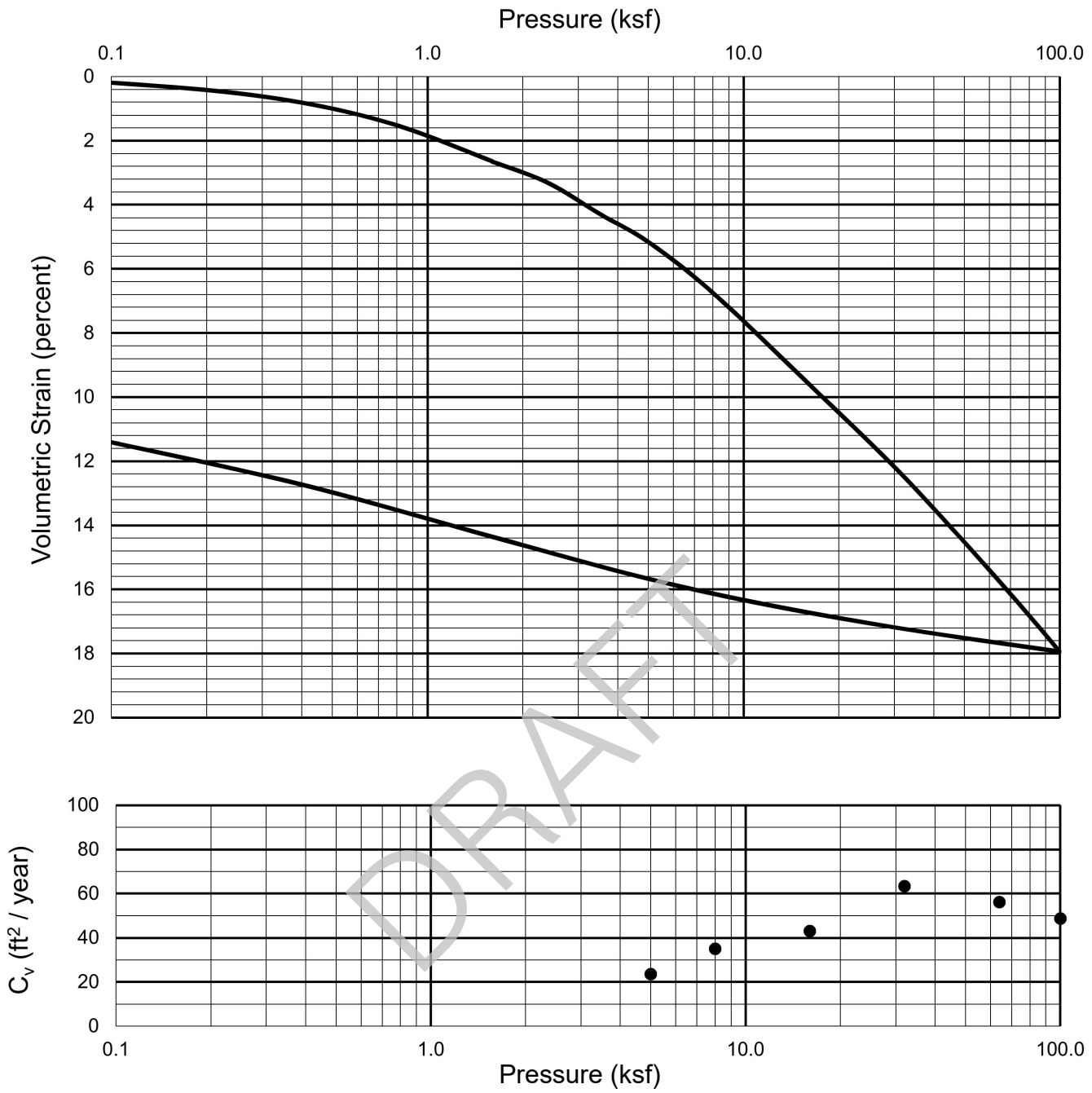

DRAFT

Sampler Type					Condition Before Test			After Test	
Sprague & Henwood	Diameter (in)	2.42	Height (in)	1.00	Water Content	w_o	22.6%	w_f	16.6%
Overburden Pressure	P_o	4,900 psf			Void Ratio	e_o	0.63	e_f	0.45
Preconsol. Pressure	P_c	6,000 psf			Saturation	S_o	96%	S_f	100.0%
Compression Ratio	$C\varepsilon_c$	0.13			Dry Density	γ_d	103 pcf	γ_d	116 pcf
Liquid Limit:	--	Plastic Limit:	--	Plasticity Index:	--	G_s	2.70 (assumed)		
Classification:	SANDY CLAY (CL), gray-brown with brown mottling				Source:	B-15 at 61 feet			

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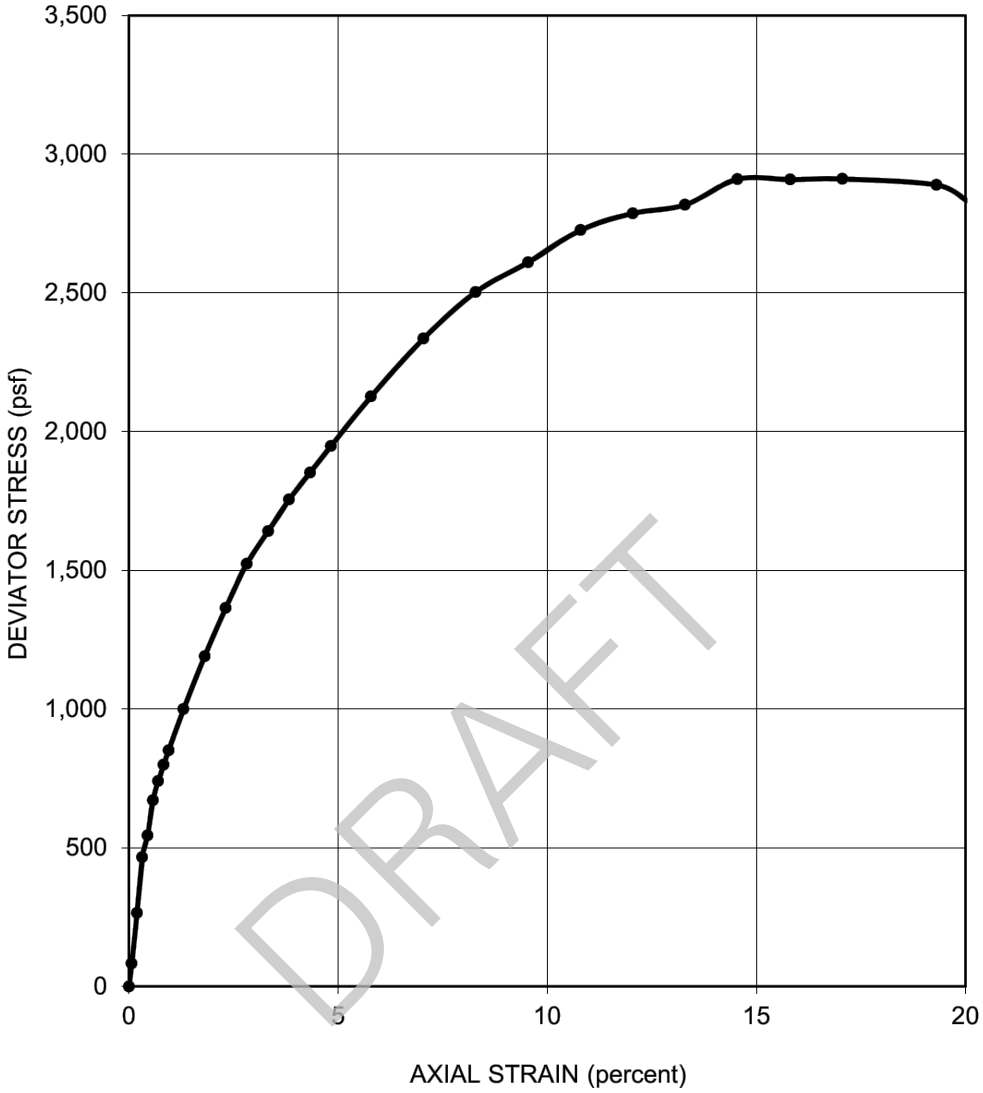

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	1,460	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.38		STRAIN AT FAILURE:	17.1	%
MOISTURE CONTENT:	23.9	%	CONFINING PRESSURE:	4,900	psf
DRY DENSITY:	102	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: CLAY (CL), gray-brown to olive-brown			SOURCE:	B-1 at 51 feet	

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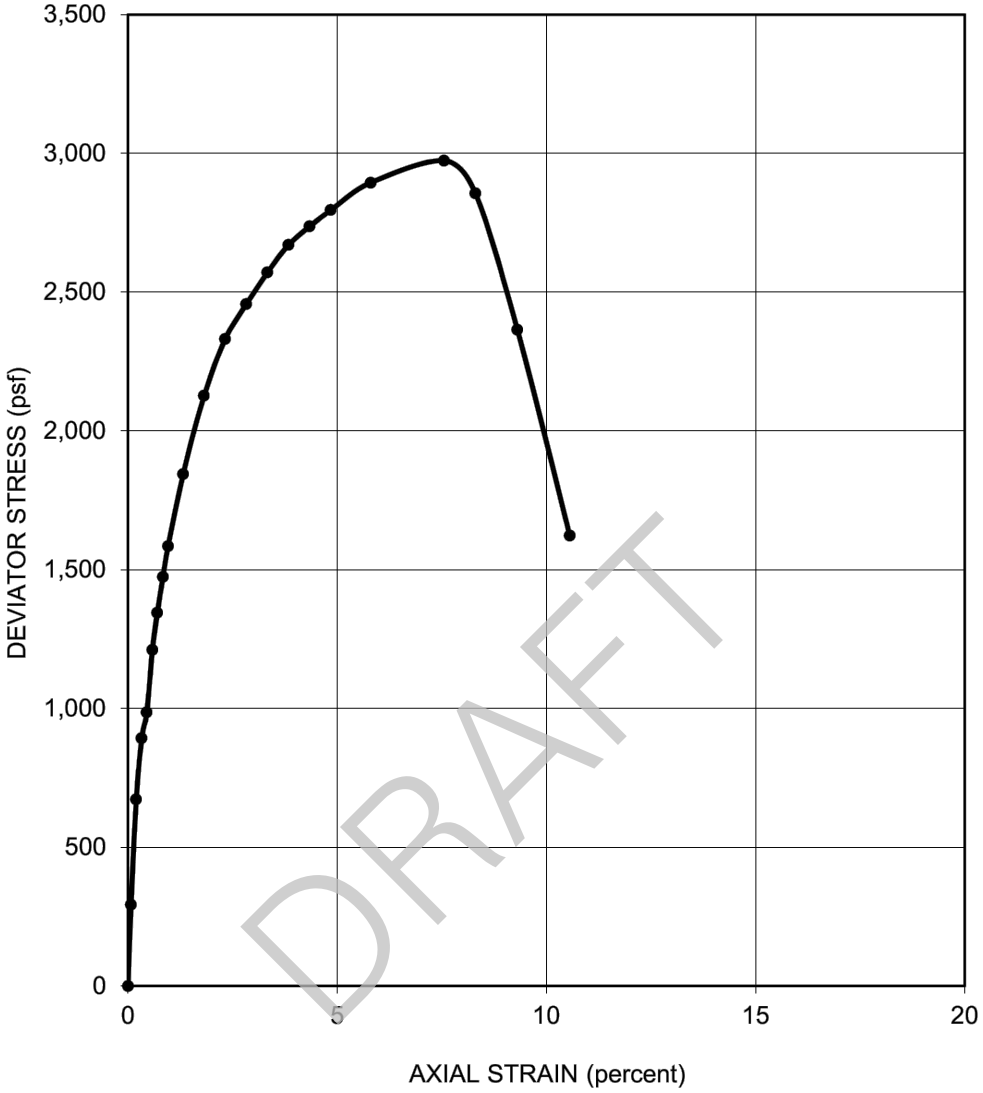

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	1,490	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.50		STRAIN AT FAILURE:	7.6	%
MOISTURE CONTENT:	27.7	%	CONFINING PRESSURE:	2,500	psf
DRY DENSITY:	96	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: CLAY (CL), red-brown to gray-brown			SOURCE:	B-2 at 21 feet	

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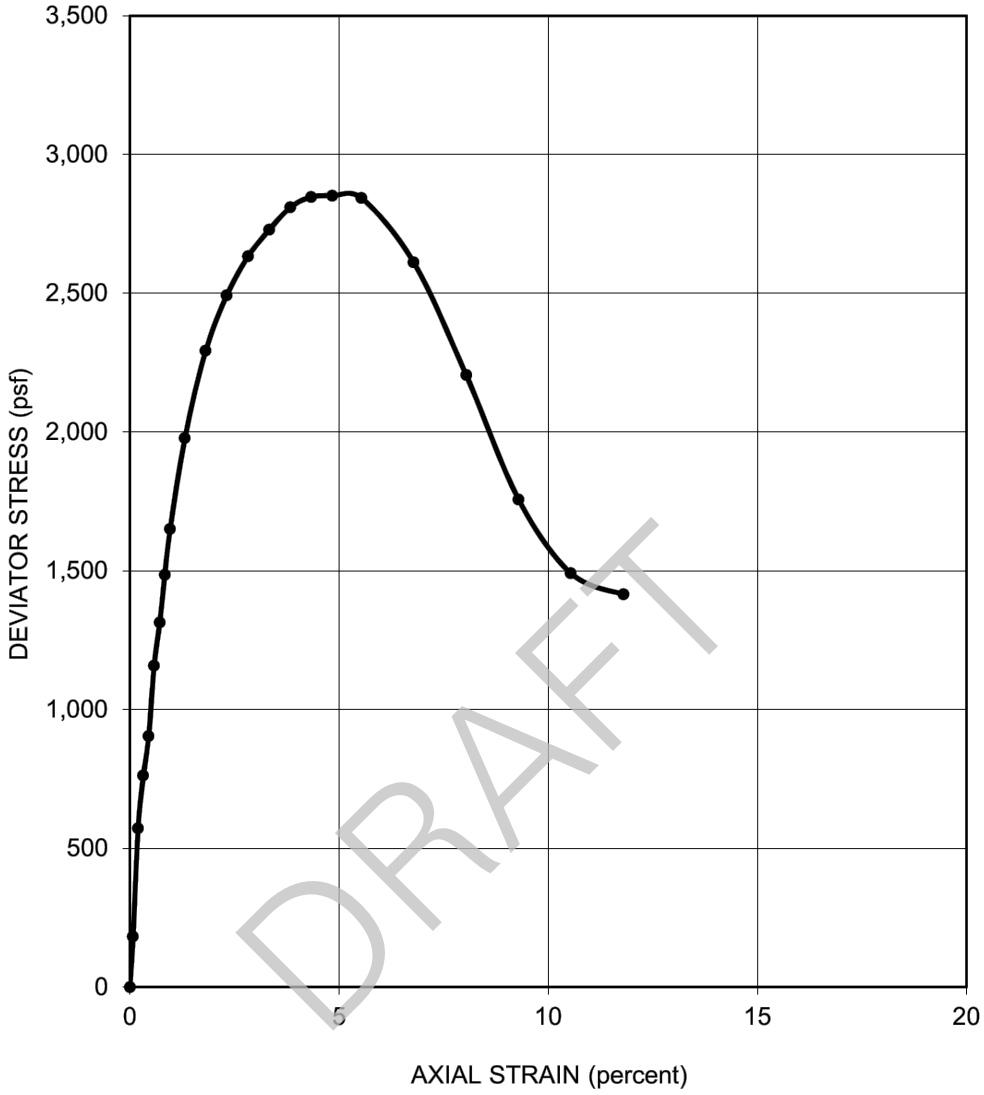

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	1,430	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.50		STRAIN AT FAILURE:	4.8	%
MOISTURE CONTENT:	21.3	%	CONFINING PRESSURE:	1,000	psf
DRY DENSITY:	104	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: CLAY with SAND (CL), yellow-brown to brown			SOURCE:	B-3 at 8.5 feet	

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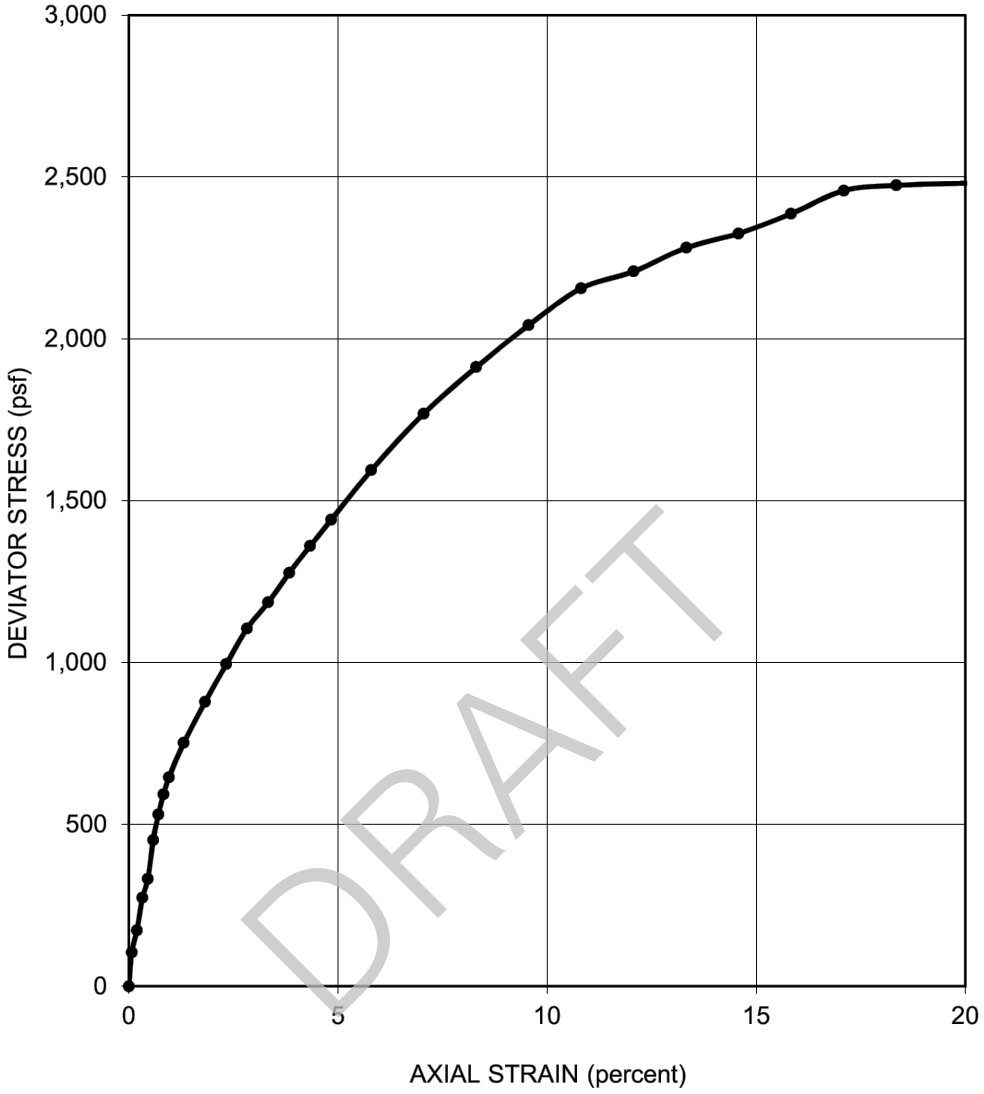

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	1,240	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.50		STRAIN AT FAILURE:	20.0	%
MOISTURE CONTENT:	32.1	%	CONFINING PRESSURE:	2,600	psf
DRY DENSITY:	92	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: CLAY (CL), gray-brown with brown mottling			SOURCE:	B-4 at 36 feet	

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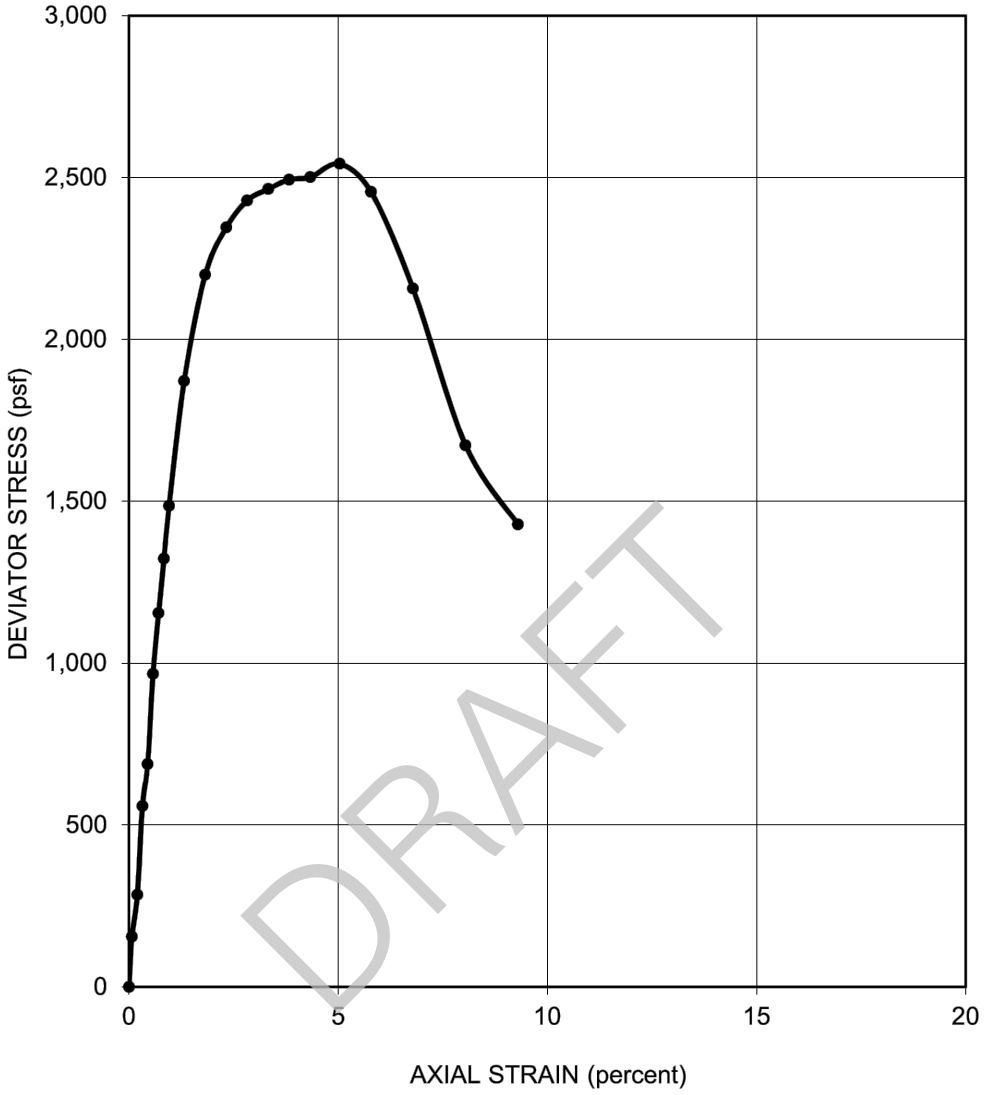

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	1,270	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.40		STRAIN AT FAILURE:	5.0	%
MOISTURE CONTENT:	21.7	%	CONFINING PRESSURE:	1,900	psf
DRY DENSITY:	101	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: CLAY with SAND (CL), gray-brown with red- brown mottling			SOURCE:	B-5 at 16 feet	

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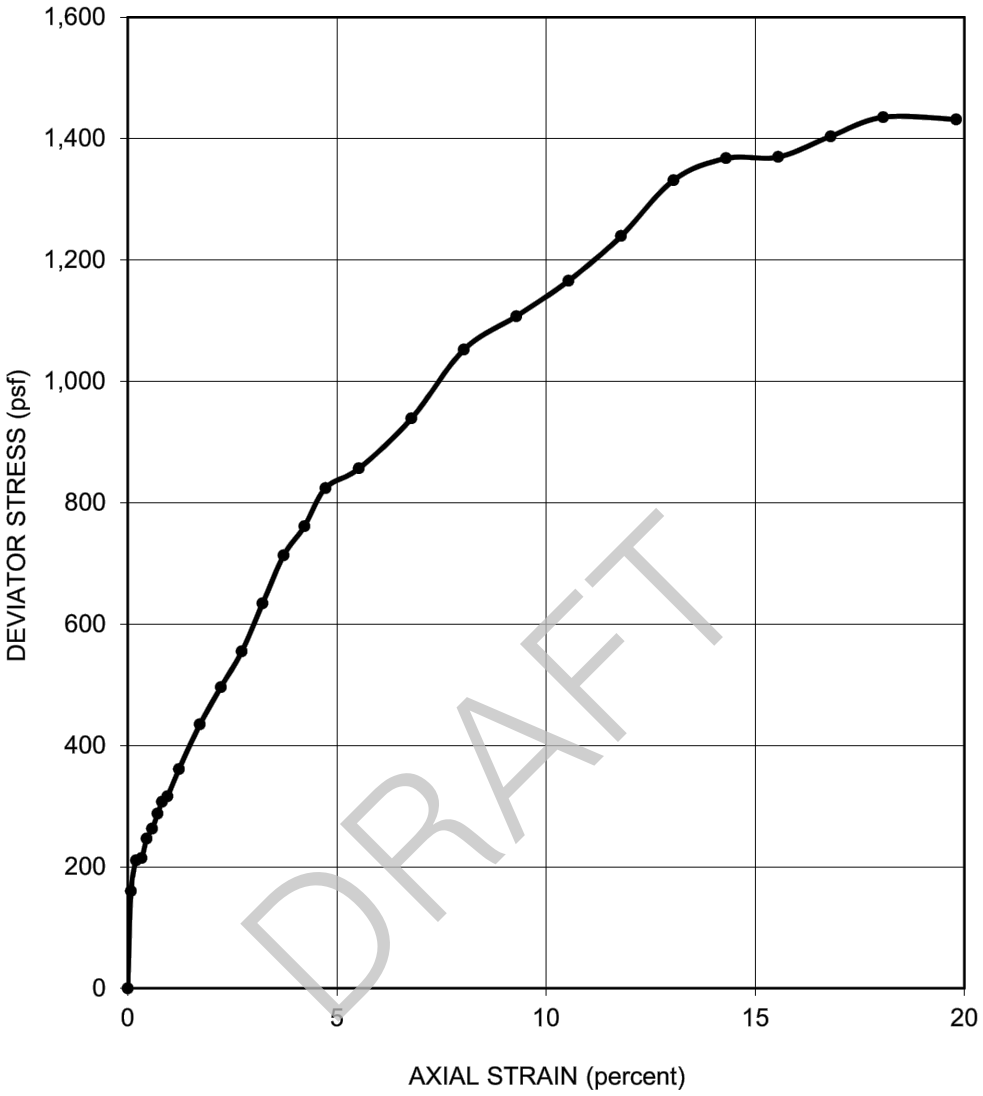

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	720	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.37		STRAIN AT FAILURE:	18.1	%
MOISTURE CONTENT:	34.2	%	CONFINING PRESSURE:	1,800	psf
DRY DENSITY:	91	pcf	STRAIN RATE:	0.50	% / min
DESCRIPTION: CLAY (CL), red-brown to gray-brown with gray mottling			SOURCE:	B-5 at 31 feet	

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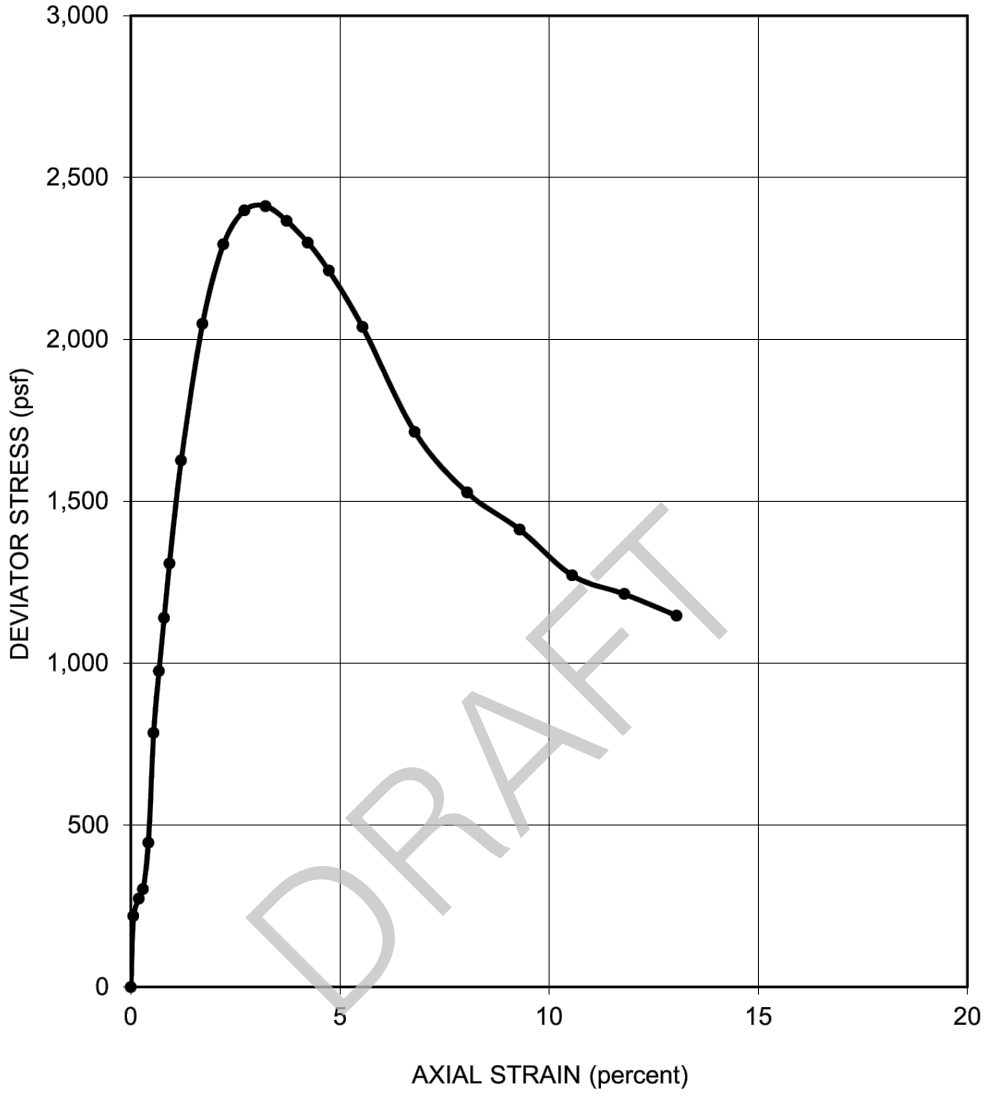

DRAFT

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	1,210	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.51		STRAIN AT FAILURE:	3.2	%
MOISTURE CONTENT:	22.7	%	CONFINING PRESSURE:	3,100	psf
DRY DENSITY:	102	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: SANDY SILT (ML), light brown with orange mottling to dark brown			SOURCE:	B-7 at 26 feet	

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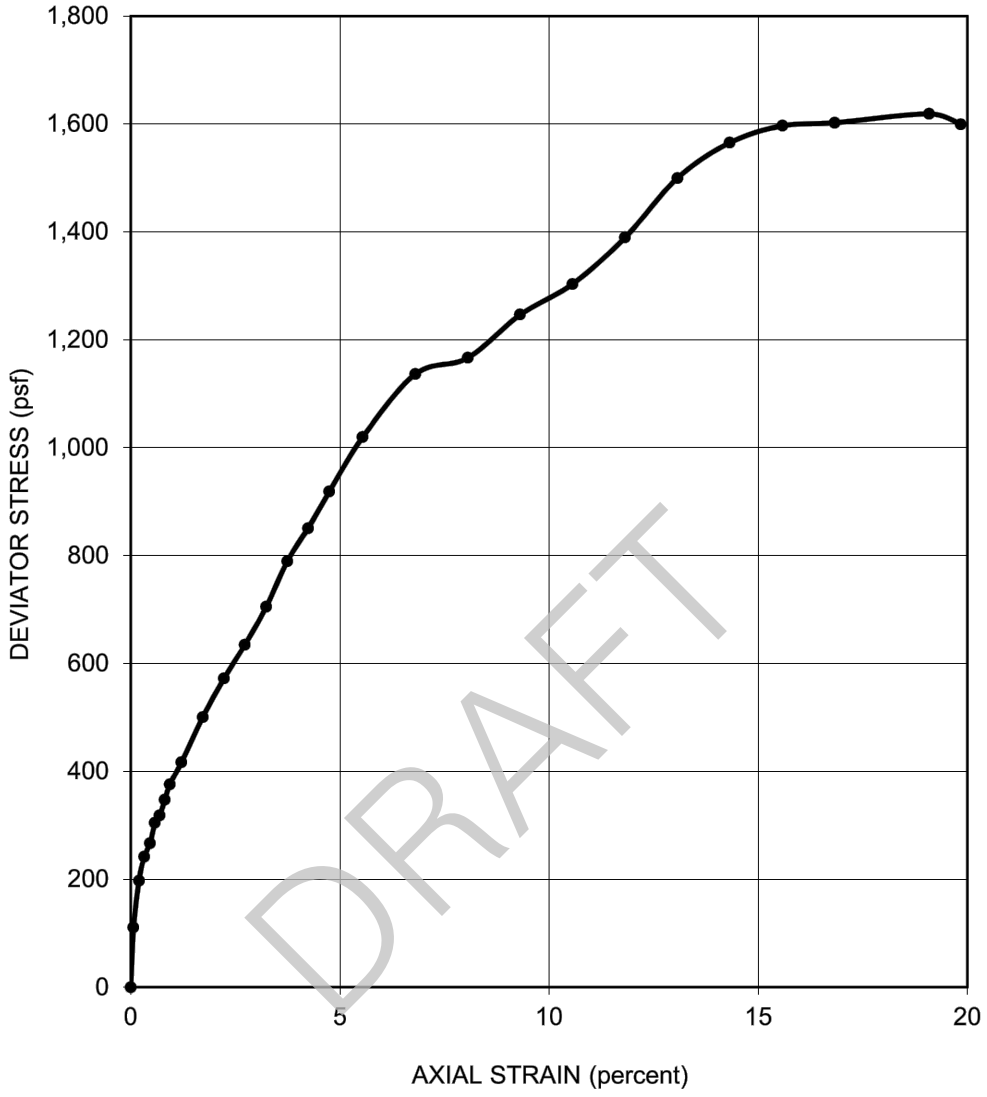

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	810	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.40		STRAIN AT FAILURE:	19.1	%
MOISTURE CONTENT:	22.1	%	CONFINING PRESSURE:	3,600	psf
DRY DENSITY:	108	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: SANDY CLAY (CL), gray to gray-brown			SOURCE:	B-9 at 46 feet	

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SANTA CLARA COUNTY CALIFORNIA

Figure Title
UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST

Project No. 750677301
Date 02/06/2023
Drawn By AG
Checked By HS

Figure
C-17

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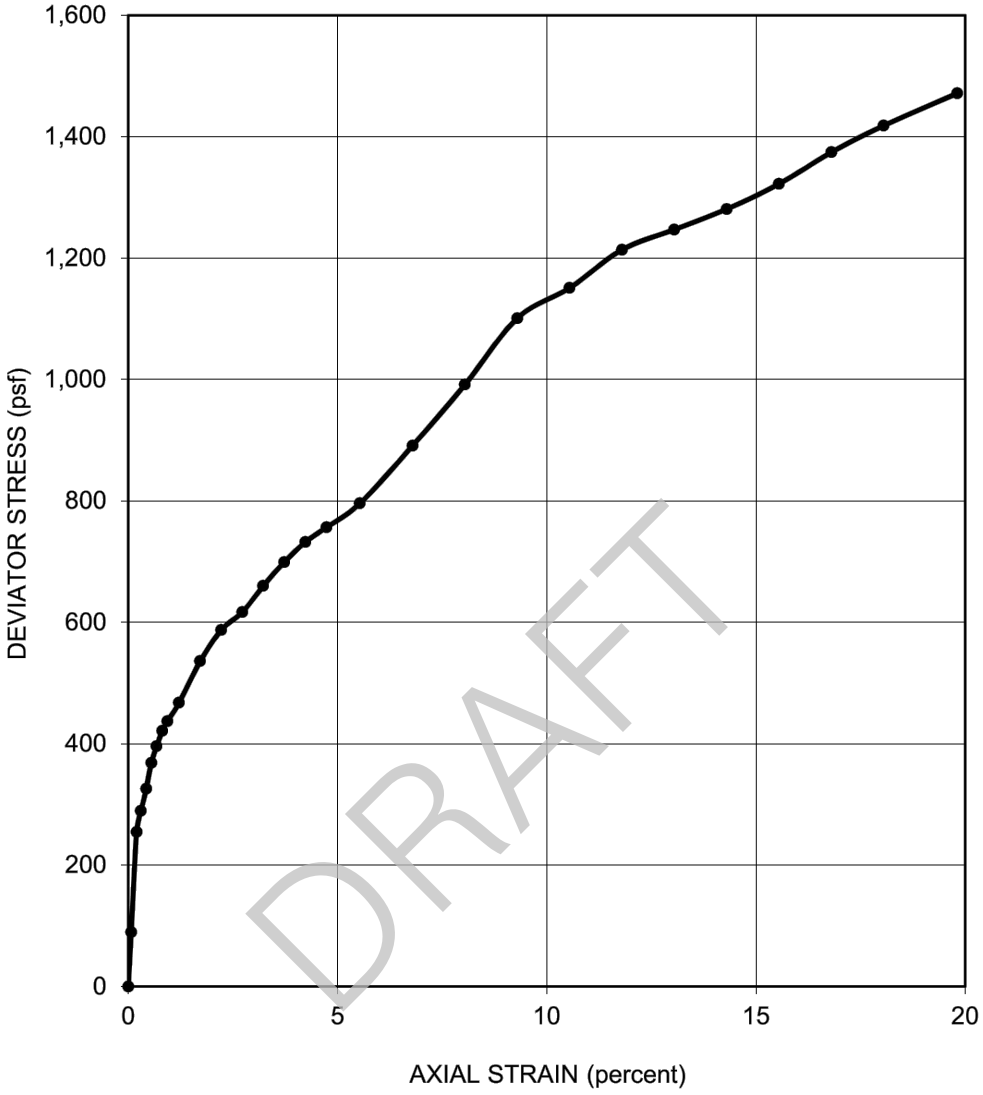

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	740	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.52		STRAIN AT FAILURE:	19.8	%
MOISTURE CONTENT:	30.7	%	CONFINING PRESSURE:	2,800	psf
DRY DENSITY:	94	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: CLAY (CL), gray-brown with orange and gray mottling			SOURCE:	B-10 at 36 feet	

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Figure Title
UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST

Project No. 750677301
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Figure
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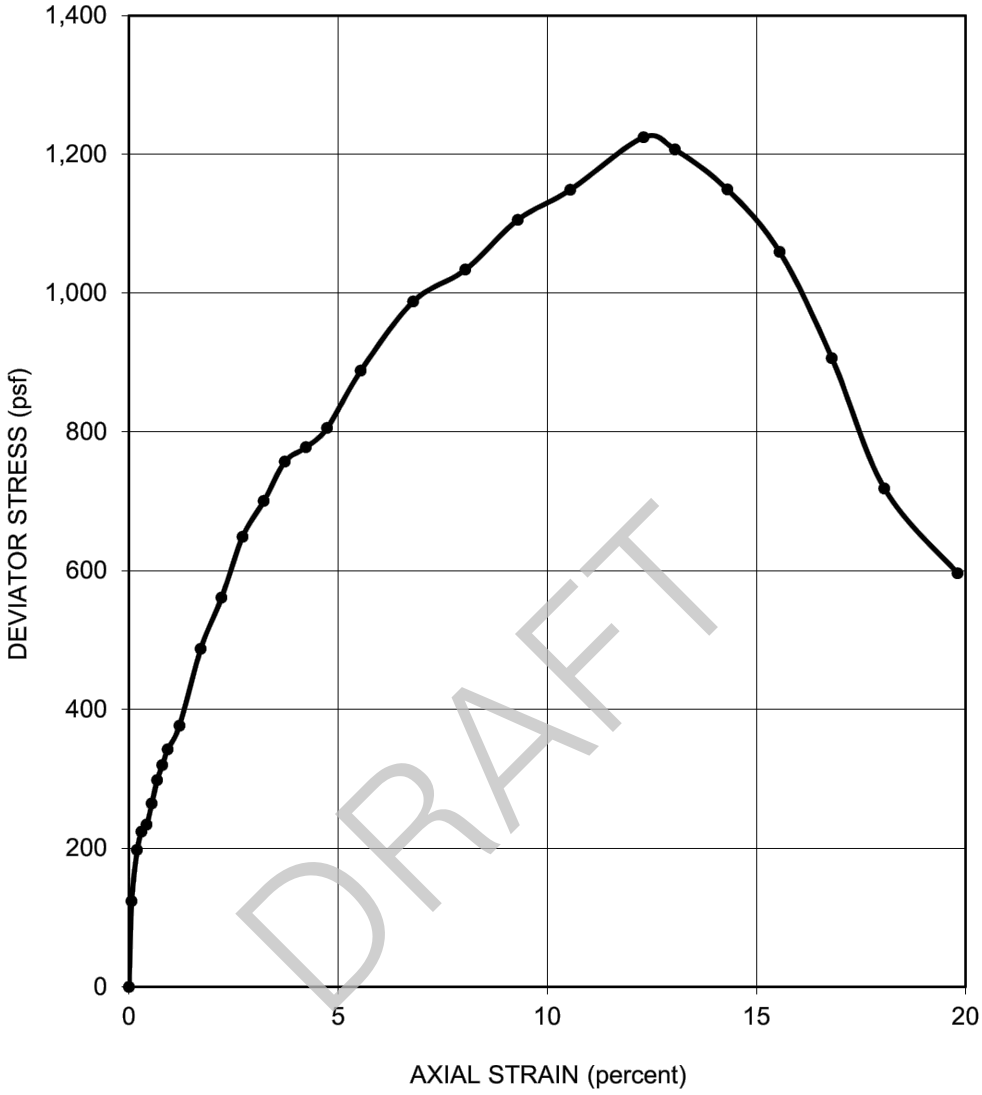

DRAFT

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	610	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 4.91		STRAIN AT FAILURE:	12.3	%
MOISTURE CONTENT:	22.1	%	CONFINING PRESSURE:	3,600	psf
DRY DENSITY:	106	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: SANDY CLAY (CL), gray-brown to brown			SOURCE:	B-11 at 46 feet	

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Figure Title
UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST

Project No. 750677301
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Figure
C-19

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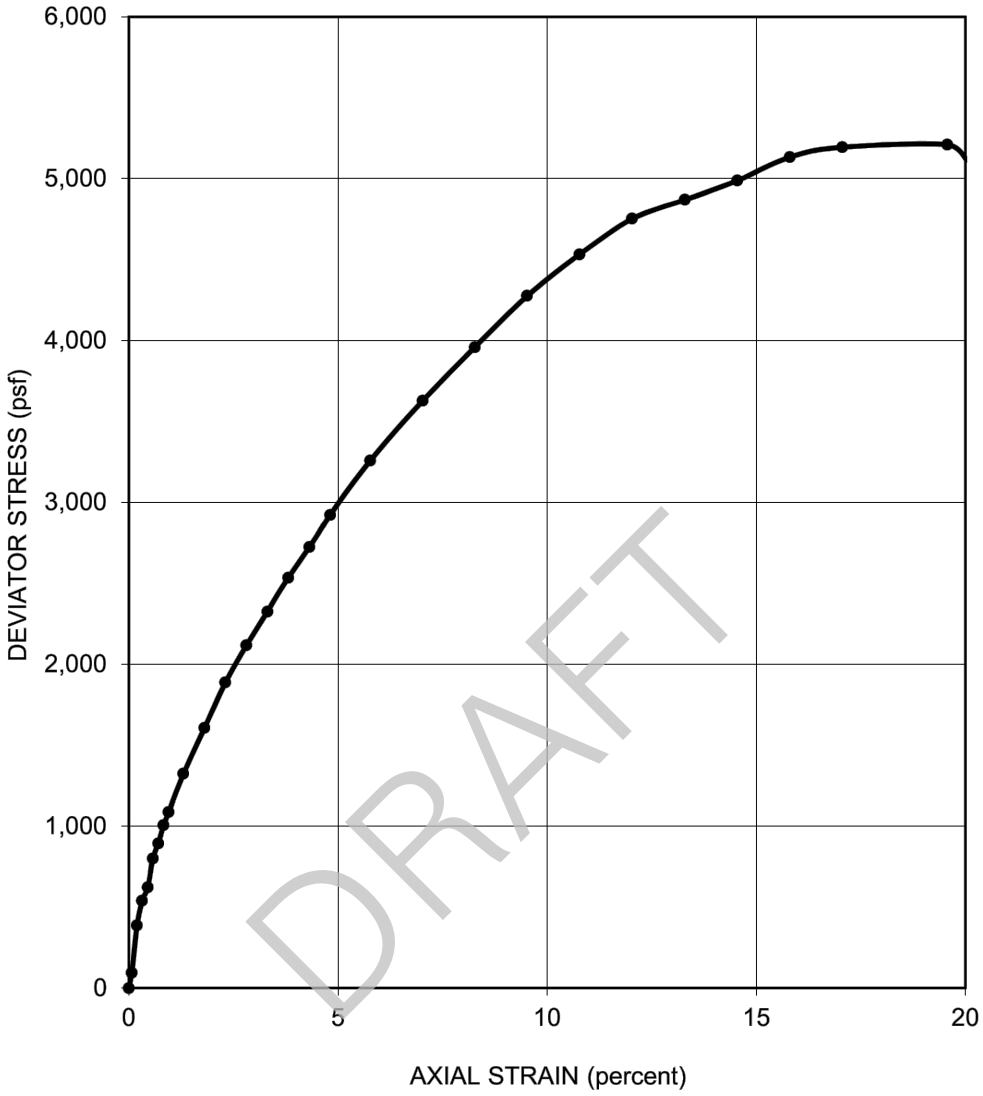

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	2,600	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.43		STRAIN AT FAILURE:	19.6	%
MOISTURE CONTENT:	22.0	%	CONFINING PRESSURE:	5,600	psf
DRY DENSITY:	106	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: SANDY CLAY (CL), yellow-brown with orange and gray mottling			SOURCE:	B-12 at 61 feet	

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Figure Title
UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST

Project No. 750677301
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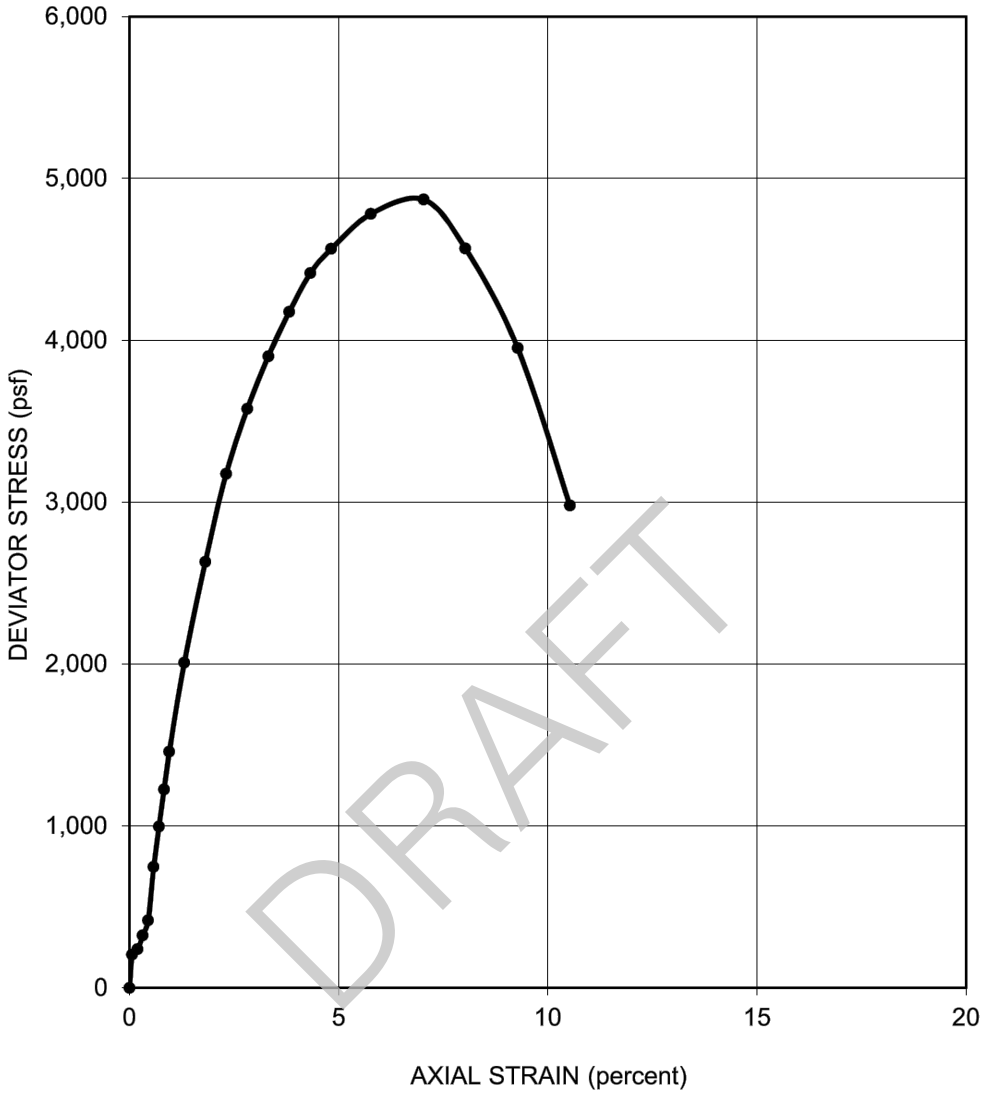

SAMPLER TYPE: Sprague & Henwood			SHEAR STRENGTH:	2,430	psf
DIAMETER (in.): 2.38	HEIGHT (in.): 5.39		STRAIN AT FAILURE:	7.0	%
MOISTURE CONTENT:	18.8	%	CONFINING PRESSURE:	1,300	psf
DRY DENSITY:	109	pcf	STRAIN RATE:	0.75	% / min
DESCRIPTION: SANDY CLAY (CL), yellow-brown with gray mottling			SOURCE:	B-14 at 11 feet	

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Figure Title
UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST

Project No. 750677301
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C-21

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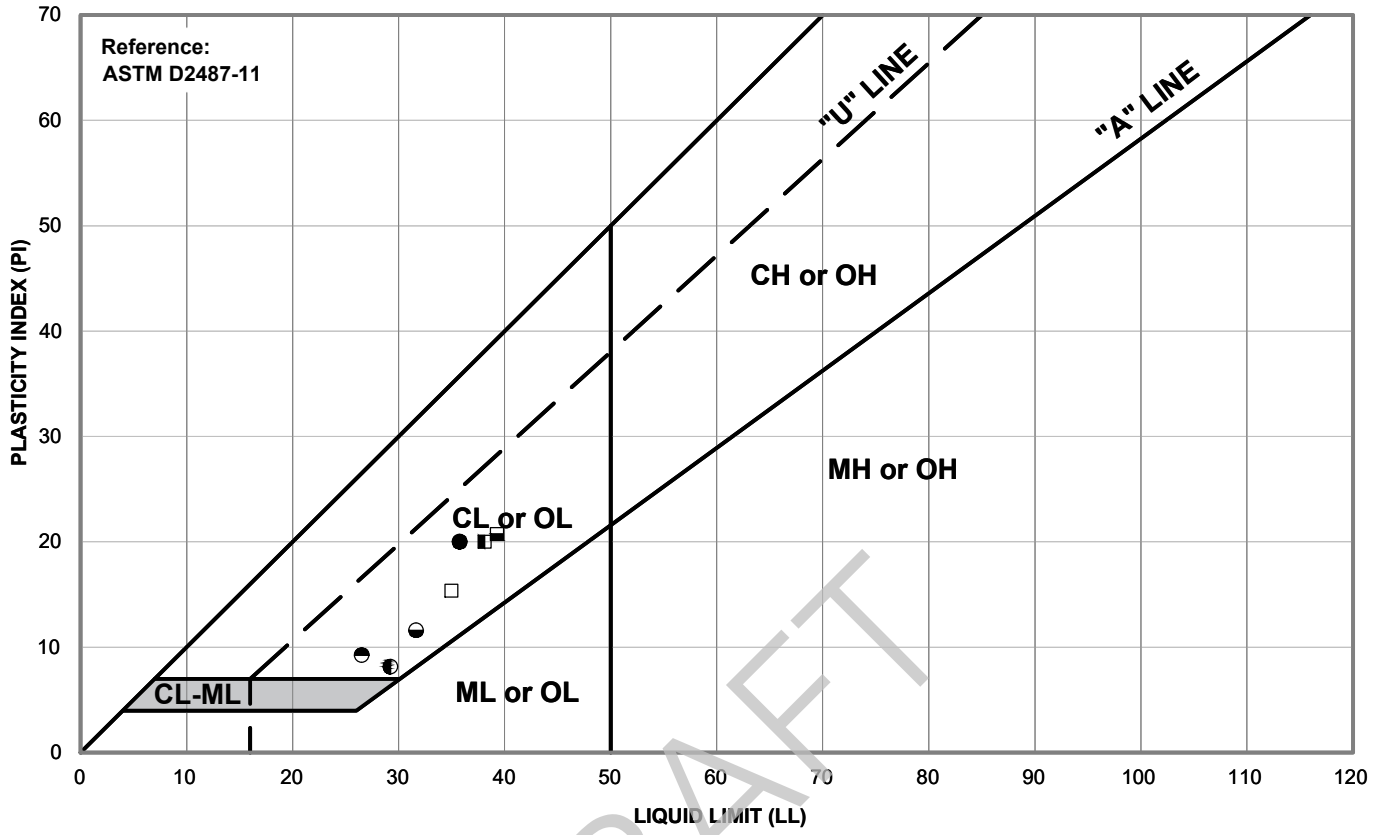
PLASTICITY CHART



DRAFT

Symbol	Source	Description and Classification	Natural M.C. (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing #200 Sieve
●	B-1 at 4 feet	CLAY with SAND (CL), olive-gray to dark brown	15.8	36	20	--
⬓	B-2 at 2 feet	CLAY (CL), red-brown with dark brown mottling	14.0	39	21	--
■	B-2 at 11 feet	SILTY SAND (SM), red-brown	--	NP	NP	41.4
◒	B-3 at 6 feet	CLAY with SAND (CL), yellow-brown	--	32	12	--
◐	B-3 at 26 feet	SANDY CLAY (CL), yellow-brown with orange mottling	25.6	29	8	60.9
◧	B-4 at 2.5 feet	CLAY (CL), red-brown to dark brown	13.7	38	20	--
◓	B-4 at 51 feet	SANDY CLAY (CL), brown to gray-brown	21.4	27	9	53.7
□	B-6 at 4.5 feet	CLAY with SAND (CL), red-brown to brown	--	35	16	--

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PLASTICITY CHART

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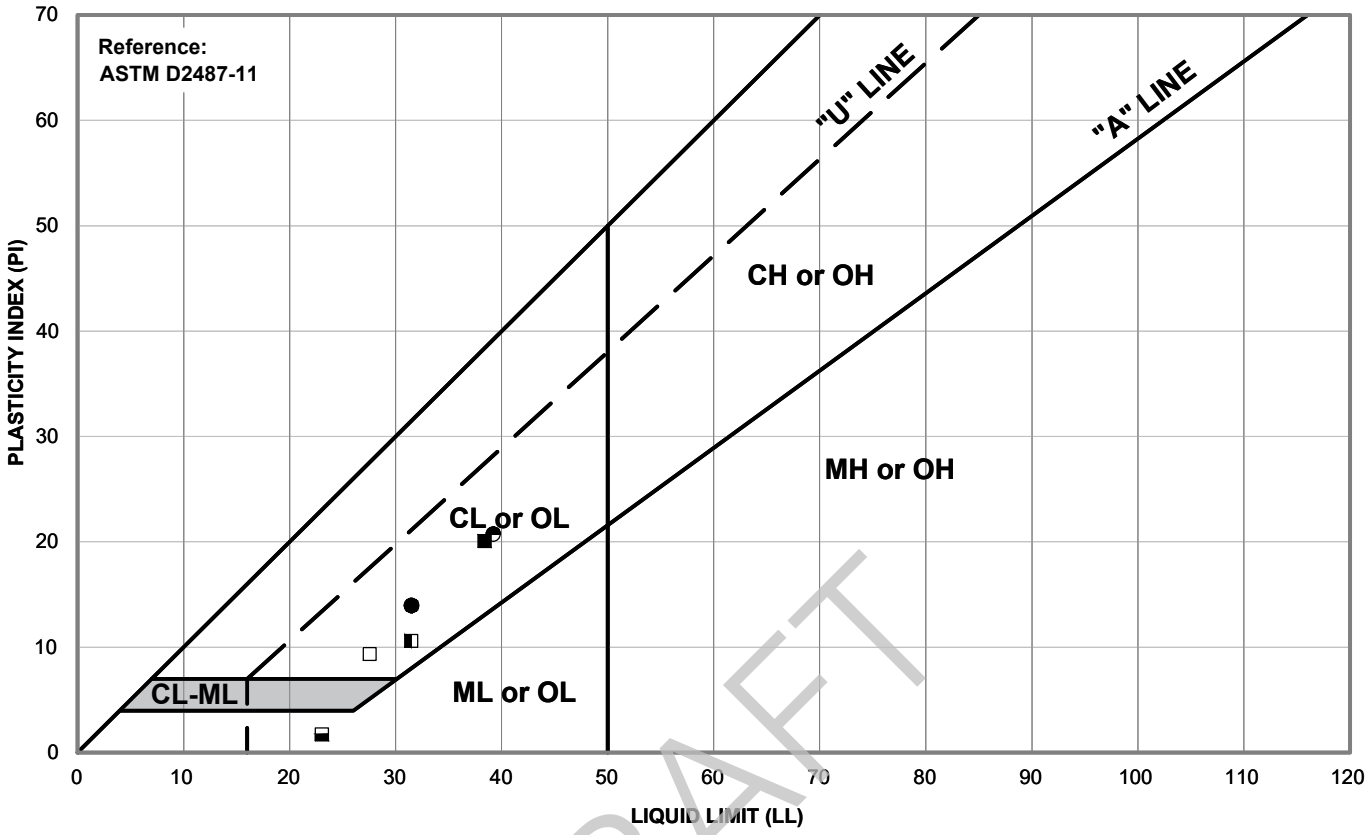
PLASTICITY CHART



DRAFT

Symbol	Source	Description and Classification	Natural M.C. (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing #200 Sieve
●	B-6 at 36 feet	SANDY CLAY (CL), gray with brown mottling	--	32	14	68.9
⬓	B-7 at 30.5 feet	SANDY SILT (ML), light brown with orange mottling to dark brown	21.7	24	2	51.5
■	B-8 at 2.5 feet	CLAY with SAND (CL), dark brown	20.0	38	20	--
◒	B-8 at 26 feet	SILTY SAND (SM), brown	12.2	NP	NP	30.5
◐	B-8 at 30 feet	SILTY SAND (SM), dark brown to brown	--	NP	NP	22.6
◧	B-9 at 26 feet	SANDY CLAY (CL), yellow-brown with orange and gray mottling	22.8	32	11	64.6
◓	B-9 at 40.5 feet	CLAY with SAND (CL), yellow-brown	31.2	39	21	81.4
□	B-10 at 26 feet	CLAYEY SAND (SC), yellow-brown	14.8	27	9	44.1

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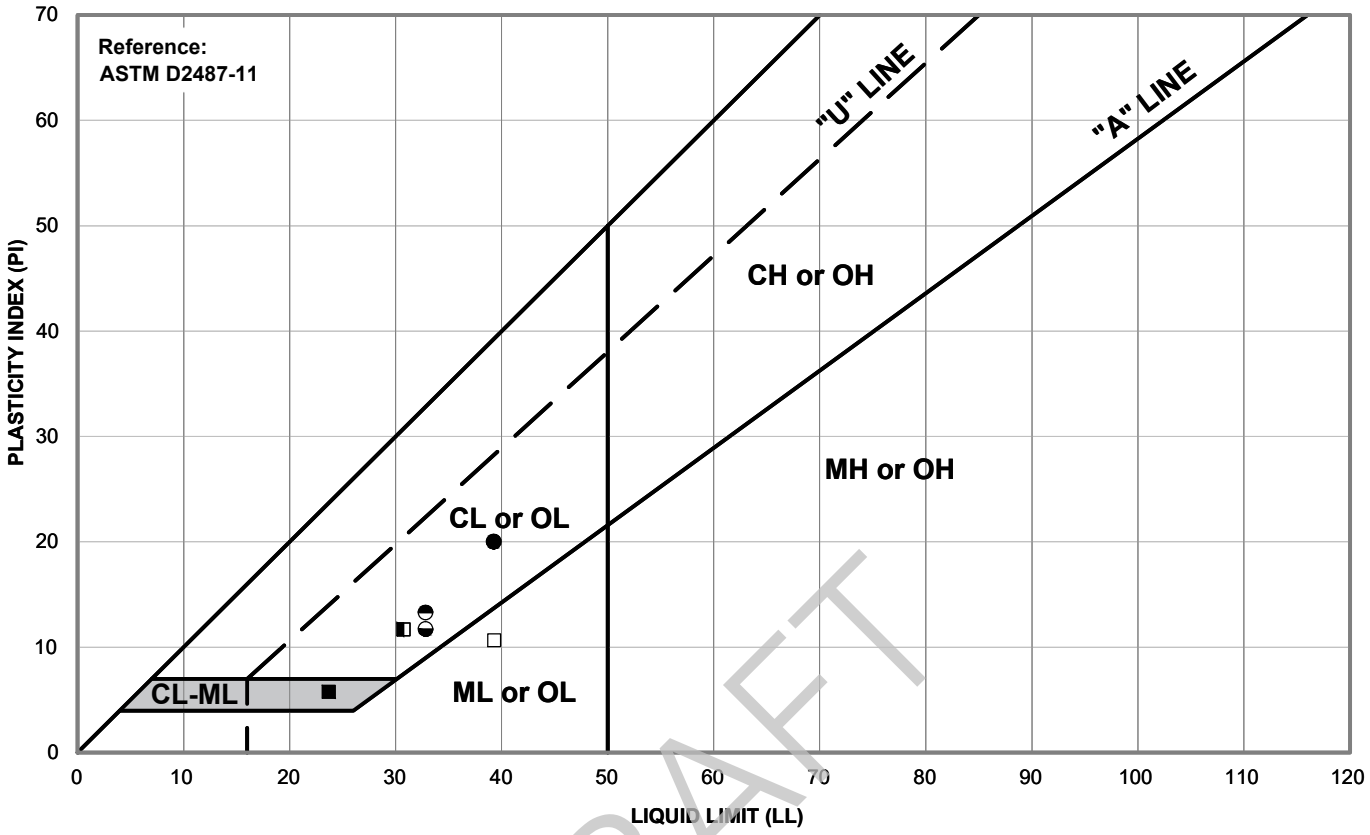

DRAFT

Symbol	Source	Description and Classification	Natural M.C. (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing #200 Sieve
●	B-12 at 2.5 feet	CLAY with SAND (CL), red-brown to dark brown	14.7	39	20	--
◒	B-12 at 21.5 feet	SILTY SAND (SM), red-brown to dark brown	--	NP	NP	23.8
■	B-12 at 25 feet	CLAYEY SILTY SAND (SC-SM), yellow-brown to brown	--	24	6	47.1
◒	B-12 at 41 feet	CLAY with SAND (CL), gray-brown to olive-gray	27.7	33	12	87.6
◐	B-12 at 71 feet	SILTY SAND (SM), gray to brown	--	NP	NP	19.3
◧	B-13 at 6 feet	SANDY CLAY (CL), yellow-brown to brown	--	31	12	--
◓	B-13 at 26.5 feet	CLAY with SAND (CL), yellow-brown to brown	--	33	13	81.8
□	B-14 at 4 feet	CLAY (CL), dark brown to red-brown	14.3	39	21	--

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PLASTICITY CHART

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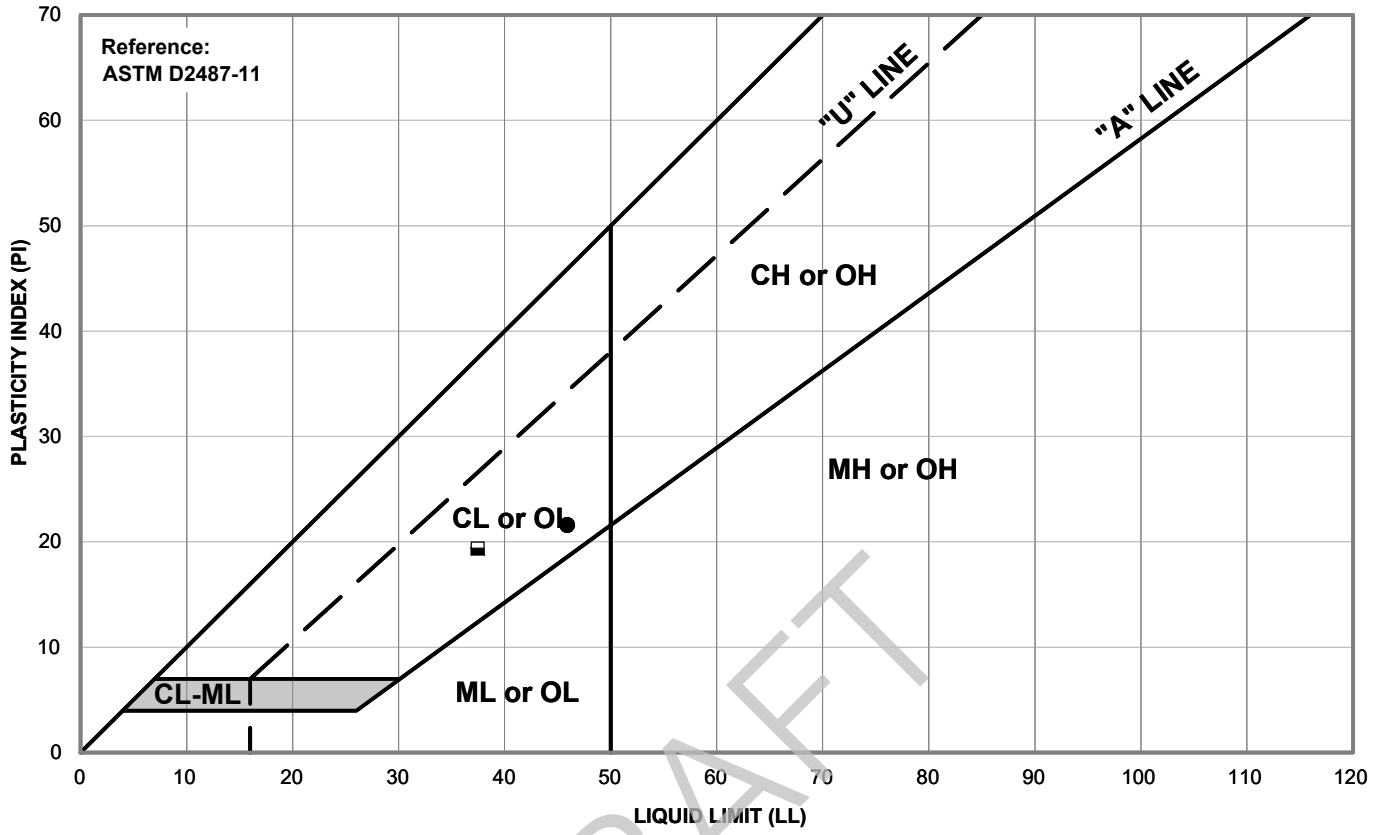
PLASTICITY CHART



DRAFT

Symbol	Source	Description and Classification	Natural M.C. (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing #200 Sieve
●	B-14 at 36 feet	CLAY (CL), yellow-brown to gray-brown with orange and gray mottling	--	46	22	98.2
⬓	B-15 at 4 feet	SANDY CLAY (CL), yellow-brown to brown	14.4	37	19	--

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PLASTICITY CHART

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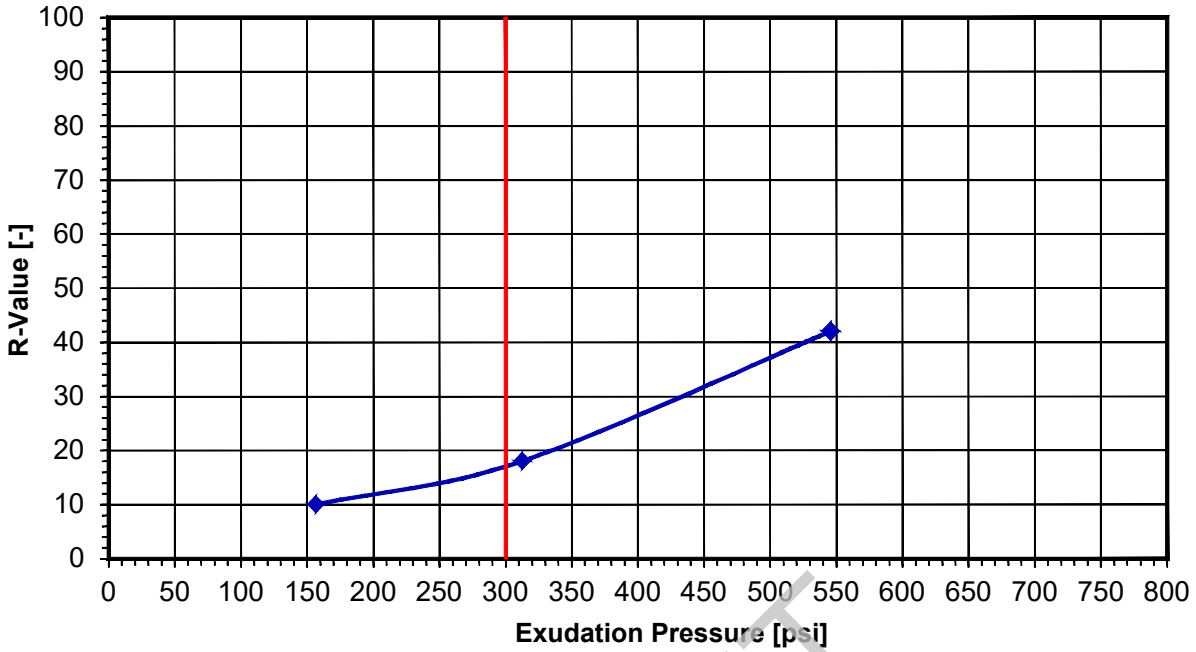

R-Value — 300 psi exudation pressure

DRAFT

Sample ID	A	B	C	D
Water Content (%)	15.8	14.0	12.7	--
Dry Density (pcf)	114.9	117.0	119.1	--
Exudation Pressure (psi)	156	312	546	--
Expansion Pressure (psf)	0	0	0	--
Resistance Value (R)	10.0	18	42	--

Sample Source	Sample Description	Sand Equivalent	Expansion Pressure	R-Value
B-1 at 1 to 5 feet	Composite of CLAYEY SAND (SC) and CLAY with SAND (CL), olive-gray to dark brown	--	--	17

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Figure Title
RESISTANCE VALUE TEST REPORT

Project No. 750677301
Date 02/06/2023
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Figure
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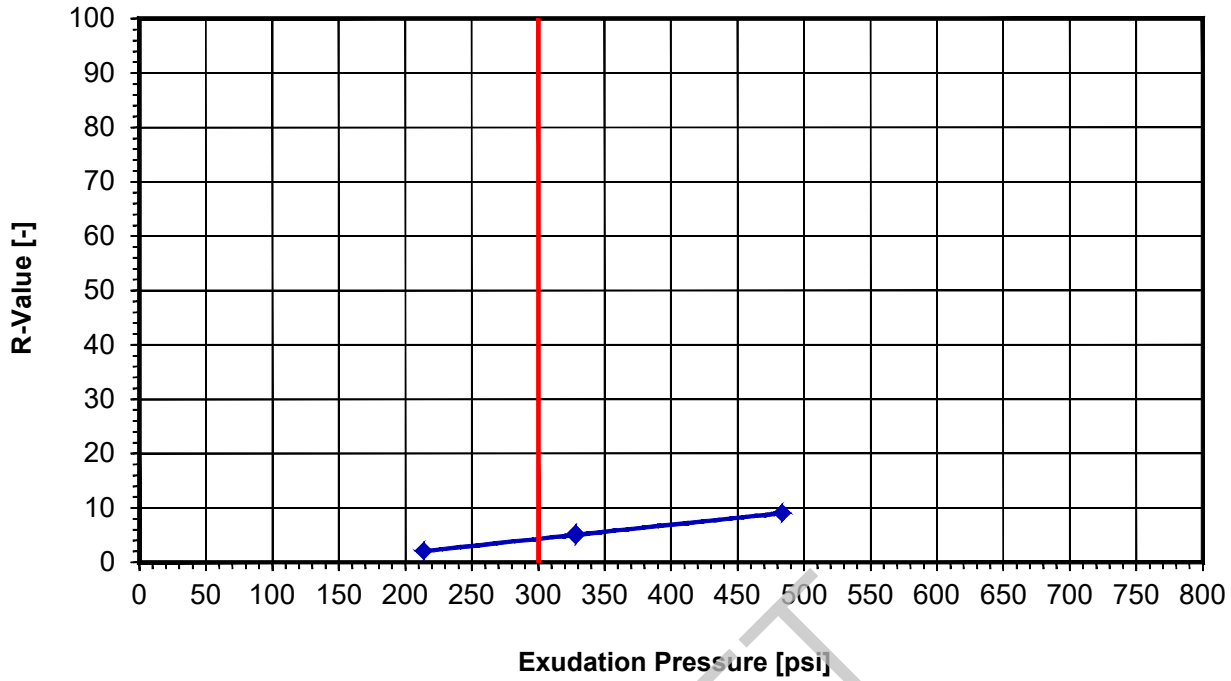

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Sample ID	A	B	C	D
Water Content (%)	21.7	19.5	17.7	--
Dry Density (pcf)	104.8	106.3	109.2	--
Exudation Pressure (psi)	214	328	483	--
Expansion Pressure (psf)	0	0	0	--
Resistance Value (R)	2	5	9	--

Sample Source	Sample Description	Sand Equivalent	Expansion Pressure	R-Value
B-10 at 0 to 5 feet	CLAY (CL), red-brown to dark brown	--	--	5

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Figure Title
RESISTANCE VALUE TEST REPORT

Project No. 750677301
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Figure C-27

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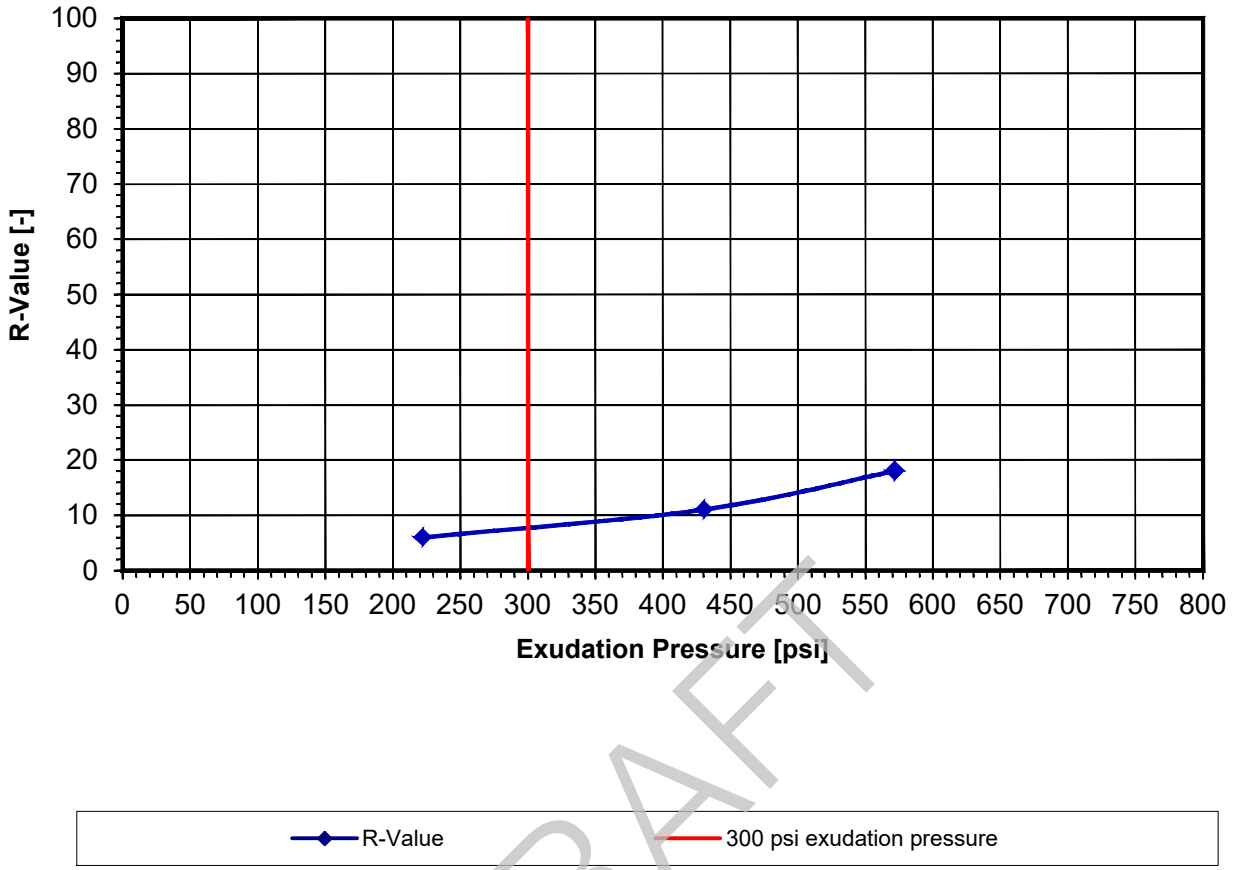

DRAFT

Sample ID	A	B	C	D
Water Content (%)	17.7	16.7	15.8	--
Dry Density (pcf)	108.9	110.0	112.0	--
Exudation Pressure (psi)	222	430	572	--
Expansion Pressure (psf)	0	0	0	--
Resistance Value (R)	6	11	18	--

Sample Source	Sample Description	Sand Equivalent	Expansion Pressure	R-Value
B-15 at 0 to 5 feet	Composite of CLAY (CL) and SANDY CLAY (CL), yellow-brown to dark brown	--	--	8

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RESISTANCE VALUE TEST REPORT

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APPENDIX D

CORROSIVITY ANALYSES WITH BRIEF EVALUATION

DRAFT

CERCO analytical
1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax. 925 462 2775
www.cercoanalytical.com

15 February, 2023

Job No. 2301041
Cust. No. 12242

Ms. Kelli McCurdy
Langan
1 Almaden Blvd., Suite 590
San Jose, CA 95113

Subject: Subject: Project No.: 750677301.700.340.0
Project Name: San Jose Campus Master Planning Kaiser Permanente Medical Center
Corrosivity Analysis – ASTM Test Methods

Dear Ms. McCurdy:

Pursuant to your request, CERCO Analytical has analyzed the soil samples submitted on January 31, 2023. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurements, all samples are classified as "moderately corrosive". All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentrations reflect none detected with a reporting limit of 15 mg/kg.

The sulfate ion concentrations ranged from none detected to 17 mg/kg and are determined to be insufficient to damage reinforced concrete structures and cement mortar-coated steel at these locations.

The pH of the soils ranged from 7.35 to 8.34, which does not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potentials ranged from 230-mV to 240-mV. All samples are indicative of potentially "slightly corrosive" soils resulting from anaerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc. at (925) 927-6630.*

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.

J. Darby Howard, Jr., P.E.
President

JDH/jdl
Enclosure

CERCO analytical
1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax. 925 462 2775
www.cercoanalytical.com

Client: Langan
Client's Project No.: 750677301.700.340.0
Client's Project Name: San Jose Campus Master Planning Kaiser Permanente Medical Center
Date Sampled: 01/10-20/23
Date Received: 31-Jan-23
Matrix: Soil
Authorization: Signed Chain of Custody

Date of Report: 15-Feb-2023

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Conductivity (umhos/cm)*	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
2301041-001	B-2 @ 4'	240	8.34	-	3,600	-	N.D.	17
2301041-002	B-10 @ 3'	240	8.21	-	2,400	-	N.D.	N.D.
2301041-003	B-9 @ 2.5'	230	8.09	-	3,100	-	N.D.	N.D.
2301041-004	B-14 @ 2.5'	240	7.35	-	2,100	-	N.D.	15

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	10	-	50	15	15
Date Analyzed:	8-Feb-2023	8-Feb-2023	-	02-Feb-2023 & 13-Feb-2023	-	8-Feb-2023	8-Feb-2023

Sherri Moore
Chemist

* Results Reported on "As Received" Basis
N.D. - None Detected

Quality Control Summary - **All laboratory quality control parameters were found to be within established limits**

2301041

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462 2775
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Job No.	CU#	Client Project I.D.
750677301/700/340.0	12696	San Jose Campus Master Planning Kaiser Permanente Medical Center

Schedule
Analyte

Date Sampled: 1/9/23 - 1/20/23
Date Due: standard

Full Name
Kelli McCurdy, kmccurdy@langan.com

Phone 408-283-3628 X
Fax
Cell

Company and/or Mailing Address
Langan, 1 South Almaden Blvd, #590, San Jose, CA 95113 ☒

Sample Source
Hollow Stem Auger boring

ANALYSIS — ASTM

Lab No.	Sample I.D.	Date	Time	Matrix	Contain.	Size	Preserv.	Qtv.	Redox Potential	pH	Sulfate	Chloride	Resistivity-100% Saturated			Brief Evaluation						
1	B-2 at 4'	1/10/23	8:00am	Soil	Bag			1	X	X	X	X	X			X						
2	B-10 at 3'	1/20/23	8:00am	Soil	Bag			1	X	X	X	X	X			X						
3	B-9 at 2.5'	1/16/23	8:00am	Soil	S&H	Liner		1	X	X	X	X	X			X						
4	B-14 at 2.5'	1/18/23	8:00am	Soil	S&H	Liner		1	X	X	X	X	X			X						

MATRIX: DW - Drinking Water; GW - Ground Water; SW - Surface Water; WW - Waste Water; Water; SL - Sludge; S - Soil; Product

ABBREVIATIONS: HB - Hosebib; PV - Petcock Valve; PT - Pressure Tank; PH - Pump House; RR - Restroom; GL - Glass; PL - Plastic; ST - Sterile

SAMPLE RECEIPT: Total No. of Containers; Rec'd Good Cond/Cold; Conforms to Record; Temp. at Lab -°C; Sampler

Comments:

THERE IS AN ADDITIONAL CHARGE FOR EXTRUDING SOIL FROM METAL TUBES

Email Address: kmccurdy@langan.com

		Date	Time
Relinquished By:	Hunter Sk	2023-01-30	9:30AM
Received By:	Sherri Moore	1/31/23	0900
Relinquished By:			
Received By:			
Relinquished By:			
Received By:			

APPENDIX E

DATA FROM PREVIOUS INVESTIGATIONS

DRAFT

SAMPLER AND DRILLING METHOD GRAPHICS

BULK / GRAB / BAG SAMPLE

MODIFIED CALIFORNIA SAMPLER
(2 or 2-1/2 in. (50.8 or 63.5 mm.) outer diameter)

CALIFORNIA SAMPLER
(3 in. (76.2 mm.) outer diameter)

STANDARD PENETRATION SPLIT SPOON SAMPLER
(2 in. (50.8 mm.) outer diameter and 1-3/8 in. (34.9 mm.) inner diameter)

SHELBY TUBE SAMPLER

HOLLOW STEM AUGER

SOLID STEM AUGER

WASH BORING

GROUND WATER GRAPHICS

WATER LEVEL (level where first observed)

WATER LEVEL (level after exploration completion)

WATER LEVEL (additional levels after exploration)

OBSERVED SEEPAGE

NOTES

- The report and graphics key are an integral part of these logs. All data and interpretations in this log are subject to the explanations and limitations stated in the report.
- Lines separating strata on the logs represent approximate boundaries only. Actual transitions may be gradual or differ from those shown.
- No warranty is provided as to the continuity of soil or rock conditions between individual sample locations.
- Logs represent general soil or rock conditions observed at the point of exploration on the date indicated.
- In general, Unified Soil Classification System designations presented on the logs were based on visual classification in the field and were modified where appropriate based on gradation and index property testing.
- Fine grained soils that plot within the hatched area on the Plasticity Chart, and coarse grained soils with between 5% and 12% passing the No. 200 sieve require dual USCS symbols, ie., GW-GM, GP-GM, GW-GC, GP-GC, GC-GM, SW-SM, SP-SM, SW-SC, SP-SC, SC-SM.
- If sampler is not able to be driven at least 6 inches then 50/X indicates number of blows required to drive the identified sampler X inches with a 140 pound hammer falling 30 inches.

ABBREVIATIONS
WOH - Weight of Hammer
WOR - Weight of Rod

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

COARSE GRAINED SOILS (More than half of material is larger than the #200 sieve)	**GRAVELS** (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVEL WITH <5% FINES	Cu ≥4 and 1≤ Cc≤3		**GW**	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
			Cu <4 and/ or 1>Cc >3		**GP**	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		GRAVELS WITH 5% TO 12% FINES	Cu ≥4 and 1≤ Cc≤3		**GW-GM**	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
					GW-GC	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
			Cu <4 and/ or 1>Cc >3		**GP-GM**	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
					GP-GC	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
		GRAVELS WITH > 12% FINES			**GM**	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
					GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
					GC-GM	CLAYEY GRAVELS, GRAVEL-SAND-CLAY-SILT MIXTURES
	SANDS (More than half of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH <5% FINES	Cu ≥6 and 1≤ Cc≤3		**SW**	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			Cu <6 and/ or 1>Cc >3		**SP**	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		SANDS WITH 5% TO 12% FINES	Cu ≥6 and 1≤ Cc≤3		**SW-SM**	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
					SW-SC	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
			Cu <6 and/ or 1>Cc >3		**SP-SM**	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
					SP-SC	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
		SANDS WITH > 12% FINES			**SM**	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
					SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
					SC-SM	CLAYEY SANDS, SAND-SILT-CLAY MIXTURES

FINE GRAINED SOILS (More than half of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid Limit less than 50)	**ML**	INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY
		CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		CL-ML	INORGANIC CLAYS-SILTS OF LOW PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS (Liquid Limit greater than 50)	**MH**	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT
		CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
		OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY

KLEINFELDER
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PROJECT NO.:	20180981
DRAWN BY:	JDS
CHECKED BY:	HF
DATE:	6/7/2018
REVISED:	-

GRAPHICS KEY

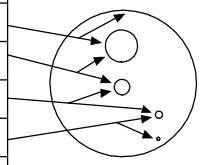
Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
A-1

gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [LEGEND 1 (GRAPHICS KEY) USCS_STANDARD]
PROJECT NUMBER: 20180981.020A
OFFICE FILTER: PLEASANTON
PLOTTED: 06/07/2018 10:19 AM BY: JSala

GRAIN SIZE

DESCRIPTION		SIEVE SIZE	GRAIN SIZE	APPROXIMATE SIZE
Boulders		>12 in. (304.8 mm.)	>12 in. (304.8 mm.)	Larger than basketball-sized
Cobbles		3 - 12 in. (76.2 - 304.8 mm.)	3 - 12 in. (76.2 - 304.8 mm.)	Fist-sized to basketball-sized
Gravel	coarse	3/4 -3 in. (19 - 76.2 mm.)	3/4 -3 in. (19 - 76.2 mm.)	Thumb-sized to fist-sized
	fine	#4 - 3/4 in. (#4 - 19 mm.)	0.19 - 0.75 in. (4.8 - 19 mm.)	Pea-sized to thumb-sized
Sand	coarse	#10 - #4	0.079 - 0.19 in. (2 - 4.9 mm.)	Rock salt-sized to pea-sized
	medium	#40 - #10	0.017 - 0.079 in. (0.43 - 2 mm.)	Sugar-sized to rock salt-sized
	fine	#200 - #40	0.0029 - 0.017 in. (0.07 - 0.43 mm.)	Flour-sized to sugar-sized
Fines		Passing #200	<0.0029 in. (<0.07 mm.)	Flour-sized and smaller



SECONDARY CONSTITUENT

	AMOUNT	
Term of Use	Secondary Constituent is Fine Grained	Secondary Constituent is Coarse Grained
Trace	<5%	<15%
With	≥5 to <15%	≥15 to <30%
Modifier	≥15%	≥30%

MOISTURE CONTENT

DESCRIPTION	FIELD TEST
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but no visible water
Wet	Visible free water, usually soil is below water table

CEMENTATION

DESCRIPTION	FIELD TEST
Weakly	Crumbles or breaks with handling or slight finger pressure
Moderately	Crumbles or breaks with considerable finger pressure
Strongly	Will not crumble or break with finger pressure

CONSISTENCY - FINE-GRAINED SOIL

CONSISTENCY	SPT - N_{60} (# blows / ft)	Pocket Pen (tsf)	UNCONFINED COMPRESSIVE STRENGTH (Q_u)(psf)	VISUAL / MANUAL CRITERIA
Very Soft	<2	PP < 0.25	<500	Thumb will penetrate more than 1 inch (25 mm). Extrudes between fingers when squeezed.
Soft	2 - 4	0.25≤ PP <0.5	500 - 1000	Thumb will penetrate soil about 1 inch (25 mm). Remolded by light finger pressure.
Medium Stiff	4 - 8	0.5≤ PP <1	1000 - 2000	Thumb will penetrate soil about 1/4 inch (6 mm). Remolded by strong finger pressure.
Stiff	8 - 15	1≤ PP <2	2000 - 4000	Can be imprinted with considerable pressure from thumb.
Very Stiff	15 - 30	2≤ PP <4	4000 - 8000	Thumb will not indent soil but readily indented with thumbnail.
Hard	>30	4≤ PP	>8000	Thumbnail will not indent soil.

FROM TERZAGHI AND PECK, 1948; LAMBE AND WHITMAN, 1969; FHWA, 2002; AND ASTM D2488

REACTION WITH HYDROCHLORIC ACID

DESCRIPTION	FIELD TEST
None	No visible reaction
Weak	Some reaction, with bubbles forming slowly
Strong	Violent reaction, with bubbles forming immediately

APPARENT / RELATIVE DENSITY - COARSE-GRAINED SOIL

APPARENT DENSITY	SPT-N_{60} (# blows/ft)	MODIFIED CA SAMPLER (# blows/ft)	CALIFORNIA SAMPLER (# blows/ft)	RELATIVE DENSITY (%)
Very Loose	<4	<4	<5	0 - 15
Loose	4 - 10	5 - 12	5 - 15	15 - 35
Medium Dense	10 - 30	12 - 35	15 - 40	35 - 65
Dense	30 - 50	35 - 60	40 - 70	65 - 85
Very Dense	>50	>60	>70	85 - 100

FROM TERZAGHI AND PECK, 1948

PLASTICITY

DESCRIPTION	LL	FIELD TEST
Non-plastic	NP	A 1/8-in. (3 mm.) thread cannot be rolled at any water content.
Low (L)	< 30	The thread can barely be rolled and the lump or thread cannot be formed when drier than the plastic limit.
Medium (M)	30 - 50	The thread is easy to roll and not much time is required to reach the plastic limit. The thread cannot be rerolled after reaching the plastic limit. The lump or thread crumbles when drier than the plastic limit.
High (H)	> 50	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be rerolled several times after reaching the plastic limit. The lump or thread can be formed without crumbling when drier than the plastic limit.

STRUCTURE

DESCRIPTION	CRITERIA
Stratified	Alternating layers of varying material or color with layers at least 1/4-in. thick, note thickness.
Laminated	Alternating layers of varying material or color with the layer less than 1/4-in. thick, note thickness.
Fissured	Breaks along definite planes of fracture with little resistance to fracturing.
Slickensided	Fracture planes appear polished or glossy, sometimes striated.
Blocky	Cohesive soil that can be broken down into small angular lumps which resist further breakdown.
Lensed	Inclusion of small pockets of different soils, such as small lenses of sand scattered through a mass of clay; note thickness.

ANGULARITY

DESCRIPTION	CRITERIA
Angular	Particles have sharp edges and relatively plane sides with unpolished surfaces.
Subangular	Particles are similar to angular description but have rounded edges.
Subrounded	Particles have nearly plane sides but have well-rounded corners and edges.
Rounded	Particles have smoothly curved sides and no edges.

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PROJECT NO.:	20180981
DRAWN BY:	JDS
CHECKED BY:	HF
DATE:	6/7/2018
REVISED:	-

SOIL DESCRIPTION KEY

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE

A-2

PLOTTED: 06/07/2018 10:20 AM BY: JSala
OFFICE FILTER: PLEASANTON
PROJECT NUMBER: 20180981.020A
gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [LEGEND 2 (SOIL DESC KEY)]

Date Begin - End: 5/26/2018 **Drilling Company:** Exploration Geoservices **BORING LOG KLF B-1**

Logged By: O. Khan **Drill Crew:** Danny/Abraham

Hor.-Vert. Datum: Not Available **Drilling Equipment:** B56 Mobile **Hammer Type - Drop:** 140 lb. Semi-Auto - 30 in.

Plunge: -90 degrees **Drilling Method:** Hollow Stem Auger

Weather: Overcast **Exploration Diameter:** 8 in. O.D.

Latitude: 37.23930° N
Longitude: -121.79998° E
Surface Condition: Grass

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Lean CLAY with Sand (CL): fine-grained sand, low plasticity, dark yellowish brown, dry to moist, hard, trace angular gravel, mottled (FILL)						9.3	112.7					Expansion Index : 73 Proctor: Max Dry D. = 125.0 pcf Optimum M.C. = 10.9%
			1		BC=16 26 33 PP=>4.5	16"		9.0	107.8			29	11	clear plastic liner
5		medium plasticity, hard, mottled (FILL)	2		BC=26 31 31 PP=>4.5	13"								
		Sandy Lean CLAY (CL): fine-grained sand, medium plasticity, dark brown, moist, hard						12.9	116.1		82			
		dark yellowish brown	3		BC=6 12 13 PP=>4.5	16"		15.4	109.4					
10														
		Clayey SAND (SC): fine-grained sand, yellowish brown, moist, loose, slightly oxidized, slightly porous	4		BC=5 6 6	16"								
15														
		Silty SAND (SM): fine to medium-grained sand, dark yellowish brown, moist, loose												
▼			5		BC=5 6 7	17"								

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PROJECT NO.:	20180981
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CHECKED BY:	HF
DATE:	6/7/2018
REVISED:	-

BORING LOG KLF B-1

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
A-3

PLOTTED: 06/08/2018 08:42 AM BY: JSala
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PROJECT NUMBER: 20180981.020A
gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End: 5/26/2018 **Drilling Company:** Exploration Geoservices **BORING LOG KLF B-1**

Logged By: O. Khan **Drill Crew:** Danny/Abraham

Hor.-Vert. Datum: Not Available **Drilling Equipment:** B56 Mobile **Hammer Type - Drop:** 140 lb. Semi-Auto - 30 in.

Plunge: -90 degrees **Drilling Method:** Hollow Stem Auger

Weather: Overcast **Exploration Diameter:** 8 in. O.D.

FIELD EXPLORATION | LABORATORY RESULTS

Latitude: 37.23930° N
Longitude: -121.79998° E
Surface Condition: Grass

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Clayey SAND (SC): fine-grained sand, yellowish brown, moist, loose, oxidized												
		Lean CLAY (CL): medium plasticity, dark yellowish brown, moist, medium stiff												
▽			6		BC=5 5 6 PP=1.0	17"								
25		clayey sand lens (interbedded with) oxidized												
		dark yellowish brown, moist, medium stiff, oxidized, increase in sand content	7		BC=6 7 7 PP=0.5	16"								
30														
35														

The boring was terminated at approximately 30 ft. below ground surface. The boring was backfilled with compacted soil cuttings and grout on May 26, 2018.

GROUNDWATER LEVEL INFORMATION:
▽ Groundwater was observed at approximately 24.5 ft. below ground surface during drilling.
▼ Groundwater was observed at approximately 19 ft. below ground surface at the end of drilling.

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PROJECT NO.: 20180981
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CHECKED BY: HF
DATE: 6/7/2018
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BORING LOG KLF B-1

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
A-3

PLOTTED: 06/08/2018 08:42 AM BY: JSala
OFFICE FILTER: PLEASANTON
PROJECT NUMBER: 20180981.020A
gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End: 5/26/2018 **Drilling Company:** Exploration Geoservices

BORING LOG KLF B-2

Logged By: O. Khan **Drill Crew:** Danny/Abraham

Hor.-Vert. Datum: Not Available **Drilling Equipment:** B56 Mobile **Hammer Type - Drop:** 140 lb. Semi-Auto - 30 in.

Plunge: -90 degrees **Drilling Method:** Hollow Stem Auger

Weather: Overcast **Exploration Diameter:** 8 in. O.D.

Latitude: 37.23930° N
Longitude: -121.79994° E
Surface Condition: Grass

Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
		Sandy Lean CLAY with Gravel: fine-grained sand, medium plasticity, yellowish brown to yellow, moist, hard, fine gravel, mottled (FILL)												
			1		BC=20 17 18 PP=>4.5	16"		12.4	108.7					Corrosion Testing TXUU: c = 0.84 ksf
5		**Sandy Lean CLAY**: fine-grained sand, low plasticity, dark brown to dark yellowish brown, moist, hard	2		BC=7 10 20 PP=>4.5	15"						28	12	
		yellowish brown	3		BC=8 11 12 PP=>4.5	17"								
10														
		medium plasticity, yellowish olive, moist, oxidized, increase in sand content, stiff	4		BC=6 7 8 PP=2.0	18"								
15														

The boring was terminated at approximately 15 ft. below ground surface. The boring was backfilled with compacted soil cuttings on May 26, 2018.

GROUNDWATER LEVEL INFORMATION:
Groundwater was not observed during drilling or after completion.

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PROJECT NO.:	20180981
DRAWN BY:	JDS
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DATE:	6/7/2018
REVISED:	-

BORING LOG KLF B-2

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
A-4

PAGE: 1 of 1

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PROJECT NUMBER: 20180981.020A
gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End:	6/01/2018	**Drilling Company:**	Kleinfelder	**BORING LOG KLF B-3**	
Logged By:	J. Anderson	**Drill Crew:**	J. Anderson		
Hor.-Vert. Datum:	Not Available	**Drilling Equipment:**	Hand Auger	**Hammer Type:**	N/A
Plunge:	-90 degrees	**Drilling Method:**	Hand Auger		
Weather:	Sunny	**Exploration Diameter:**	2.5 in. O.D.		

Depth (feet)	Graphical Log	FIELD EXPLORATION: Latitude: 37.23938° N, Longitude: -121.79994° E, Surface Condition: Bare Earth / Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	LABORATORY RESULTS: USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
0		**Sandy Lean CLAY (CL)**: fine-grained sand, low plasticity, olive brown, dry, medium stiff, gravel from 1/2 to 1 inch, roots (FILL)												
		olive yellow, increased fines												
5		The boring was terminated at approximately 5 ft. below ground surface. The boring was backfilled with soil cuttings on June 01, 2018.												
10														
15														

GROUNDWATER LEVEL INFORMATION:
Groundwater was not observed during drilling or after completion.

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PROJECT NO.:	20180981
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DATE:	6/7/2018
REVISED:	-

BORING LOG KLF B-3

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
A-5

PAGE: 1 of 1

PLOTTED: 06/08/2018 08:43 AM BY: JSala
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PROJECT NUMBER: 20180981.020A
gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [_KLF_BORING/TEST PIT SOIL LOG]

Exploration ID	Depth (ft.)	Sample No.	Sample Description	Water Content (%)	Dry Unit Wt. (pcf)	Sieve Analysis (%)			Atterberg Limits			Additional Tests
						Passing 3/4"	Passing #4	Passing #200	Liquid Limit	Plastic Limit	Plasticity Index	
KLF B-1	1.0	N/A		9.3	112.7							
KLF B-1	2.5	1B	DARK YELLOWISH BROWN LEAN CLAY WITH SAND (CL)	9.0	107.8				29	18	11	
KLF B-1	6.0	2C	DARK YELLOWISH BROWN LEAN CLAY WITH SAND (CL)	12.9	116.1			82				
KLF B-1	9.0	3B		15.4	109.4							
KLF B-2	2.0	1A										Corrosion Testing
KLF B-2	3.0	1C	YELLOWISH BROWN SANDY LEAN CLAY WITH GRAVEL (CL)	12.4	108.7							TXUU: c = 0.84 ksf
KLF B-2	5.5	2B	DARK BROWN SANDY LEAN CLAY (CL)						28	16	12	

Refer to the Geotechnical Evaluation Report or the supplemental plates for the method used for the testing performed above.
NP = NonPlastic
NA = Not Available

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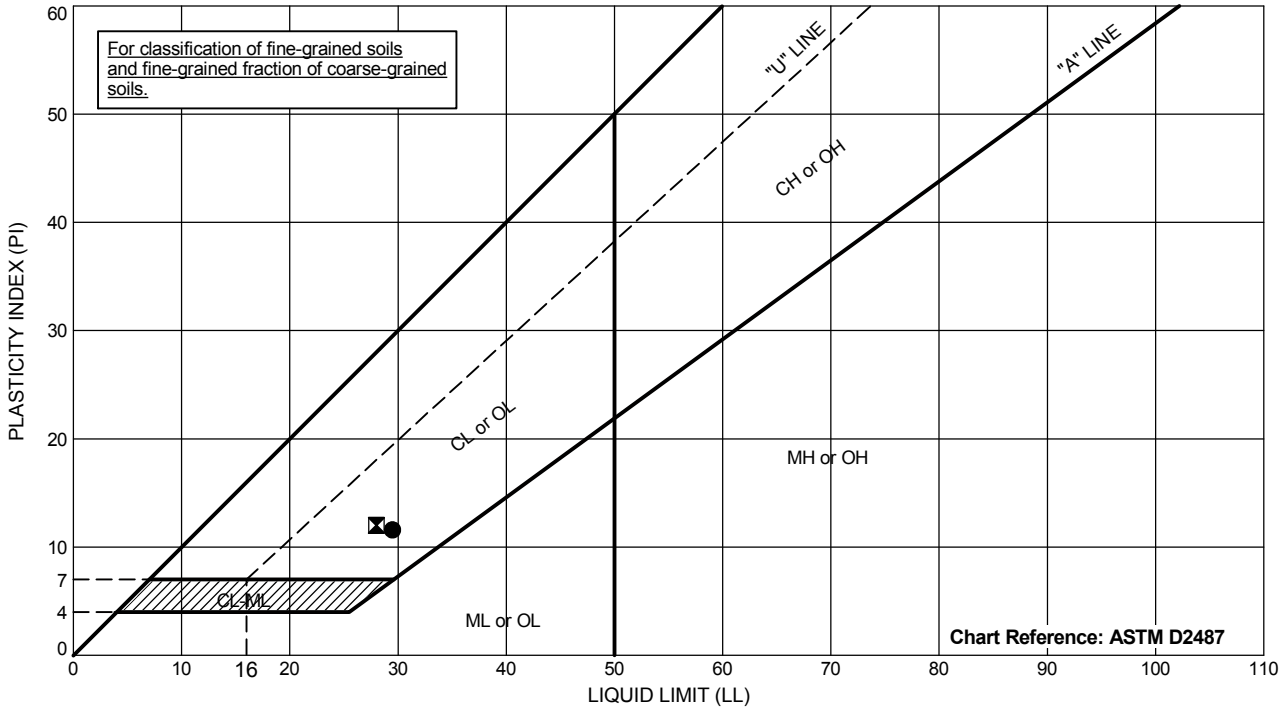
PROJECT NO.: 20180981
DRAWN BY: JDS
CHECKED BY: HF
DATE: 6/7/2018
REVISED: -

LABORATORY TEST RESULT SUMMARY

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
B-1



Exploration ID		Depth (ft.)	Sample Number	Sample Description	Passing #200	LL	PL	PI
●	KLF B-1	2.5	NA	DARK YELLOWISH BROWN LEAN CLAY WITH SAND (CL)	NM	29	18	11
⊠	KLF B-2	5.5	NA	DARK BROWN SANDY LEAN CLAY (CL)	NM	28	16	12

Testing performed in general accordance with ASTM D4318.
NP = Nonplastic
NA = Not Available
NM = Not Measured

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PROJECT NO.:	20180981
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CHECKED BY:	HF
DATE:	6/7/2018
REVISED:	-

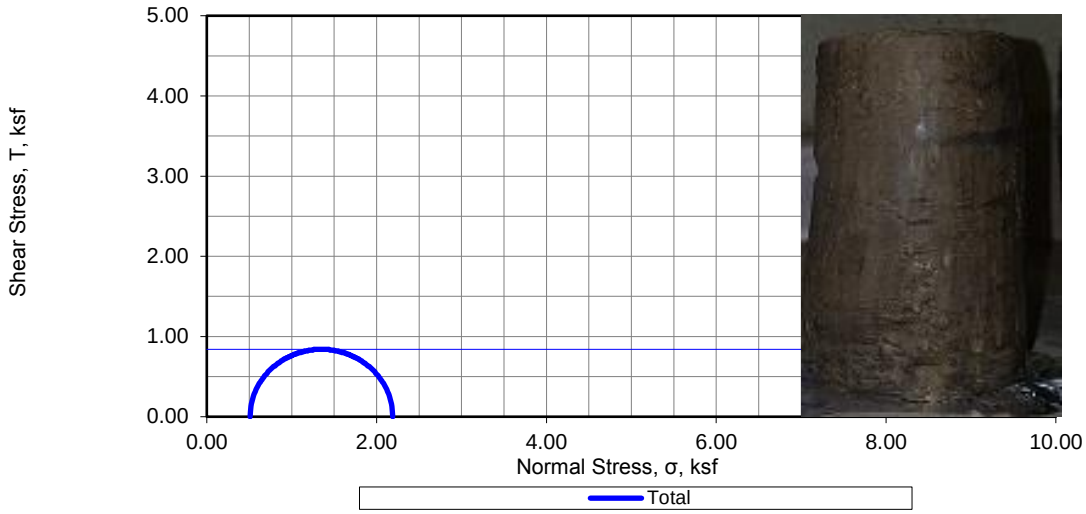
ATTERBERG LIMITS

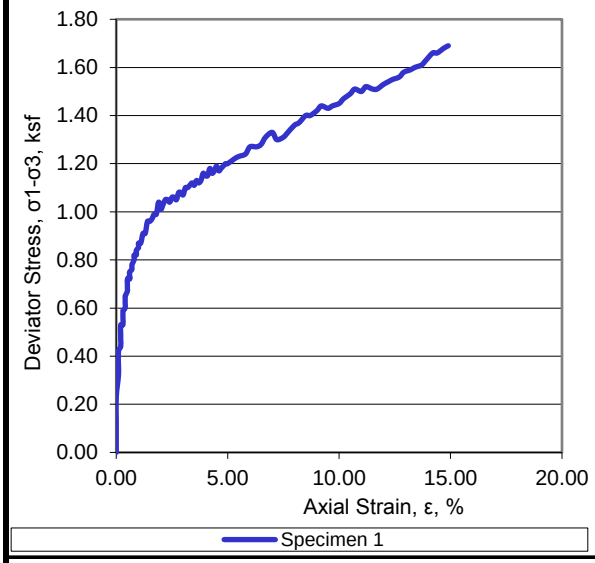
Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
B-2

PLOTTED: 06/07/2018 09:19 AM BY: JSala
OFFICE FILTER: PLEASANTON
PROJECT NUMBER: 20180981.020A
gINT FILE: Klf_gint_master_2017
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2017.GLB [KLF_ATTERBERG (ASTM)]

Total		
c =	0.84	ksf





Specimen No.			1
Initial	Diameter, in	D_O	2.40
	Height, in	H_O	4.96
	Water Content,	ω_O	12.4
	Dry Density, lbs	$^{\gamma}d_o$	108.7
	Saturation, %	S_O	63
	Void Ratio	e_O	0.52
Before Shear	Water Content, %	ω_f	22.2
	Dry Density, lbs/ft^3	$^{\gamma}d_c$	104.2
	Saturation, %	S_C	100
	Void Ratio	e_C	0.59
	Final Back Pressure, ksf	U_O	12.0
Minor Principal Stress, ksf		σ_3	0.50
Maximum Deviator Stress, ksf		$(\sigma1-\sigma3)_{max}$	1.69
Time to $(s_1-s_3)_{max}$, min		t_f	15.0
Deviator Stress @ 15% Axial Strain, k		$(\sigma_1-\sigma_3)_{15\%}$	1.69
Rate of strain, %/min		'ε	1.0

Method of Saturation: Wet Mounted

Description of Specimen 1: Yellowish Brown Sandy Lean Clay with Gravel (CL)

Amount of Material Finer than the No. 200, %: nm

LL: nm	PL: nm	PI: nm	G_S: 2.65 Assumed	Specimen Type: Undisturbed	Test Method: ASTM D2850 Modified

Membrane Correction applied.

Boring:	B-2
Sample:	1C
Depth, ft:	3
Test Date:	6/1/18

Membrane and Filter Strip Correction applied. Parameter B for all Specimens >/= 0.94

The determination of strength envelopes and the development of relationships to aid in interpreting and evaluating test results are beyond the scope of this test method. Interpreted values provided herein must be evaluated and approved by the user of this report.

KLEINFELDER
Bright People. Right Solutions.
2601 Barrington Ct, Hayward, CA, 94545

Project Number:	20180981
Date:	6/5/18
Entry By:	C. Pimentel
Checked By:	C. Pimentel
File Name:	HL11270

TRIAXIAL COMPRESSION TEST (UU)

Kaiser Permanente - San Jose KSR074
250 Hospital Parkway
San Jose, California

FIGURE
B-3

Laboratory Test Report

Client:	**Bloom Energy Corporation**	Report No.:	**18-HAY-00831 Rev. 0**	Issued:	**6/4/2018**
Project:	**20180981.020A**			Field ID:	**HL11270**
	Bloom Energy: Kaiser San Jose KSR074	Sampled by:	**H. Fattal**	Date:	**5/26/2018**
	03-000L - KSR074 Task 3 - Laboratory Analysis	Submitted by:	**H. Fattal**	Date:	**5/29/2018**

Expansion Index Test

Tested on **5/31/2018** by **C. Pimentel**

Material Description: **Dark Brown Sandy Lean Clay (CL)**

Sample Location: **B-1 Bulk**

Test Method:	**ASTM D4829**
Expansion Index :	**73**
Dry Density, pcf :	**112.7**
Water Content, as molded, %:	**9.3**
Final Water Content, %:	**22.8**
Initial Saturation, as molded %:	**50.9**

Classification of Potentially Expansive Soil	
Expansion Index, EI	Potential Expansion
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

Remarks:

Potential Expansion: Medium

Reviewed on 6/4/2018 by Cindy Pimentel,
Senior Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet). , if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

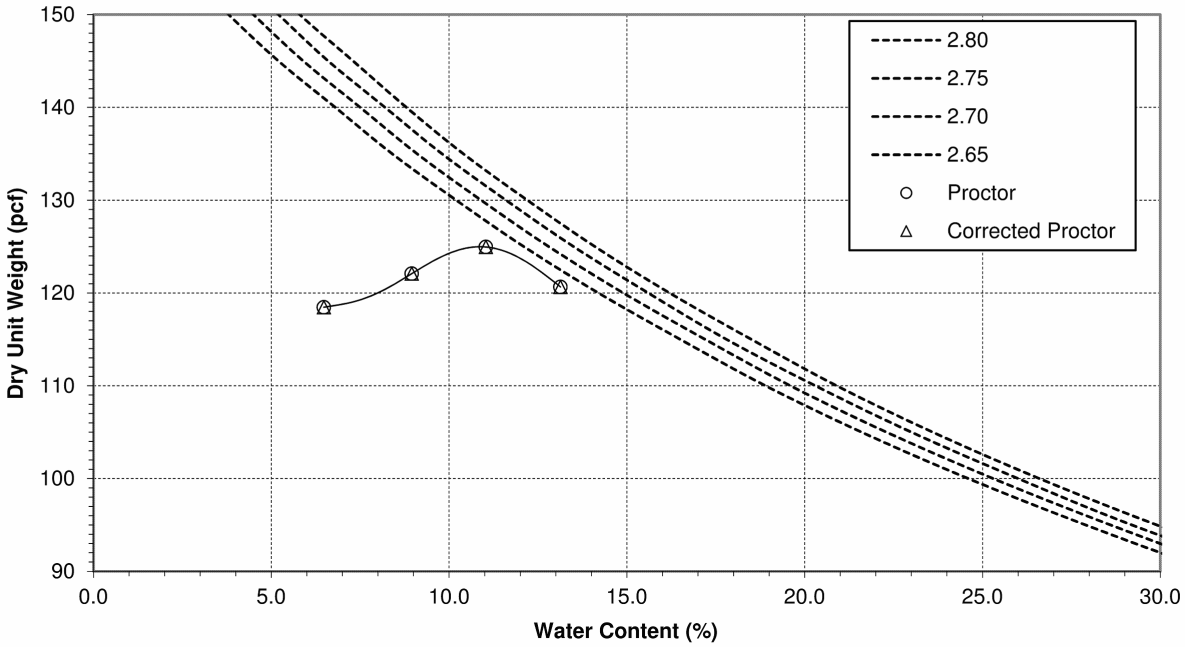
Laboratory Test Report

Client:	**Bloom Energy Corporation**	Report No.:	**18-HAY-00831 Rev. 0**	Issued:	**6/4/2018**
Project:	**20180981.020A**			Field ID:	**HL11270**
	Bloom Energy: Kaiser San Jose KSR074	Sampled by:	**H. Fattal**	Date:	**5/26/2018**
	03-000L - KSR074 Task 3 - Laboratory Analysis	Submitted by:	**H. Fattal**	Date:	**5/29/2018**

Tested on **5/30/2018** by **D. Herrera**

Material Description: **Brown Sandy Lean Clay (CL)**

Location: **B-1 Bulk**



Test Method: ASTM D1557 B	Uncorrected	Corrected
Maximum Dry Unit Weight (pcf)	**125.0**	**na**
Optimum Water Content (%)	**10.9**	**na**
Oversize Fraction, retained on (%)		**<5**
Bulk Specific Gravity of Oversize Fraction		**na**

Rammer Type: Mechanical

Specimen Preparation: Moist

Reviewed on 6/4/2018 by Cindy Pimentel,
Senior Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet). , if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

California State Certified Laboratory No. 2153

CERCO analytical
1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax. 925 462 2775
www.cercoanalytical.com

Client: Kleinfelder
Client's Project No.: 20180987.20A
Client's Project Name: Bloom Energy KSR074
Date Sampled: 26-May-2018
Date Received: 31-May-2018
Matrix: Soil
Authorization: Signed Chain of Custody

Date of Report: 5-Jun-2018

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Resistivity (As Received) (ohms-cm)	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
1805232-001	B-2 @ 2.5'	+350	8.12	32,000	940	N.D.	130	260

Method:	ASTM D1498	ASTM D4972	ASTM G57	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	-	-	50	15	15
Date Analyzed:	4-Jun-2018	4-Jun-2018	1-Jun-2008	1-Jun-2018	1-Jun-2018	4-Jun-2018	4-Jun-2018

Cheryl McMillen
Laboratory Director

* Results Reported on "As Received" Basis
N.D. - None Detected

Quality Control Summary - **All laboratory quality control parameters were found to be within established limits**

Geosphere Consultants, Inc.
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Geotechnical Engineering · Engineering Geology
Environmental Management · Water Resources

2001 Crow Canyon Rd, Ste 210
CA 94583
Telephone: 9253147180
Fax: 9258557140

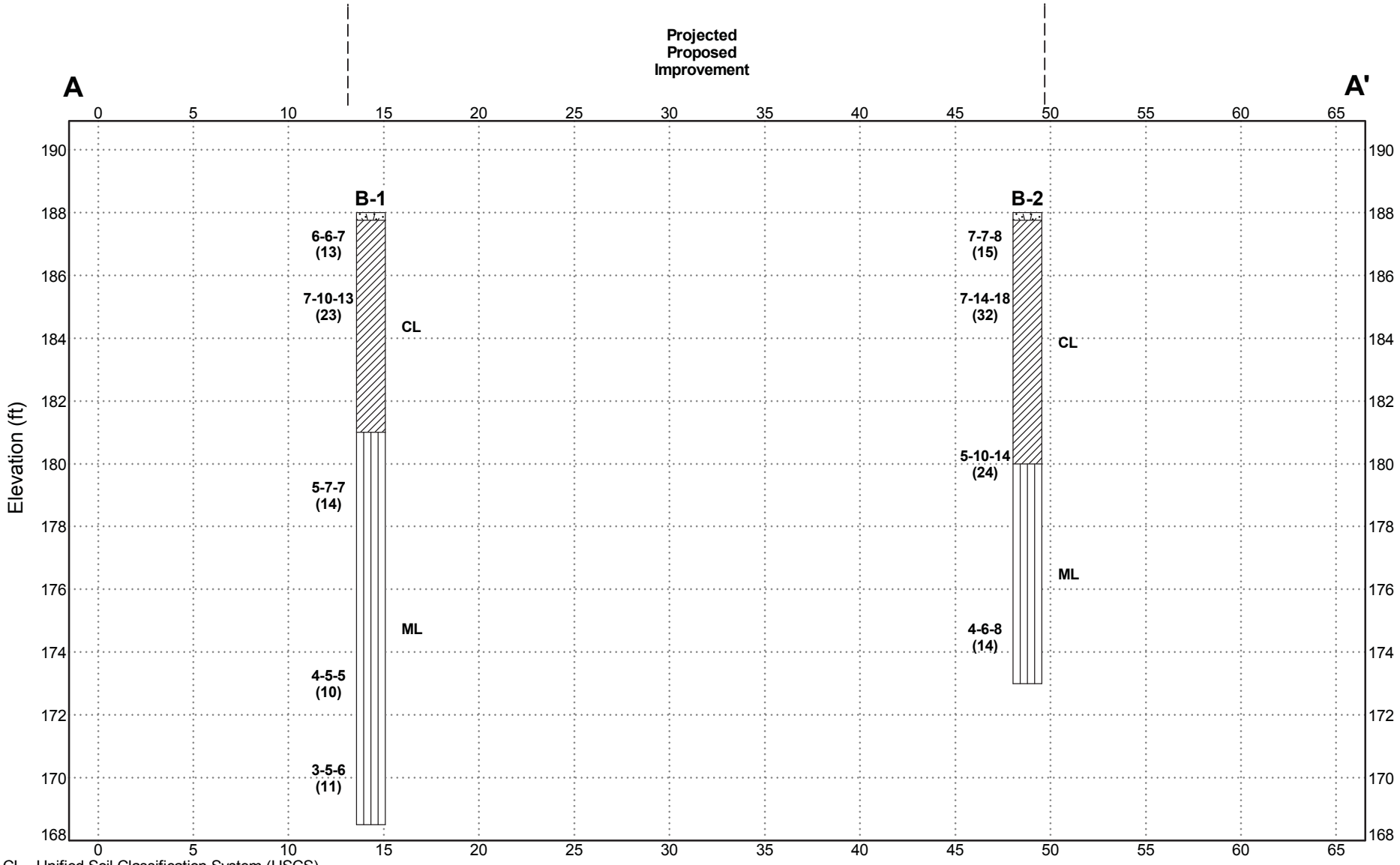
SUBSURFACE DIAGRAM

CLIENT Kaiser - National Facilities Services

PROJECT NAME Kaiser San Jose - MOB 275 Emergency Generator Replacement

PROJECT NUMBER 91-03889-A

PROJECT LOCATION 275 Hospital Parkway, San Jose, CA 95119



CL - Unified Soil Classification System (USCS)
14 - Blows Per Six Inches, Standard Penetration Test
(21) - N Value

Schematic Geologic Cross-Section A-A' | Figure 4

UNIFIED SOIL CLASSIFICATION (ASTM D-2487)						
Material Types	**Criteria for Assigning Soil Group Names**			**Group Symbol**	**Soil Group Names**	**Legend**
Coarse Grained Soils	Gravels >50% of Coarse Fraction Passes on No. 4 Sieve	Clean Gravels <5% Fines	Cu≥4 and 1≤Cc≤3	GW	Well-Graded Gravel	
			Cu<4 and/or [Cc<1 or Cc>3]	GP	Poorly-Graded Gravel	
		Gravels with Fines >12% Fines	Fines Classify as ML or MH	GM	Silty Gravel	
>50% Retained on No. 200 Sieve			Fines Classify as CL or CH	GC	Clayey Gravel	
	Sands ≥50% of Coarse Fraction Passes on No. 4 Sieve	Clean Sands <5% Fines	Cu≥6 and 1≤Cc≤3	SW	Well-Graded Sand	
			Cu<6 and/or [Cc<1 or Cc>3]	SP	Poorly-Graded Sand	
		Sands and Fines >12% Fines	Fines Classify as ML or MH	SM	Silty Sand	
			Fines Classify as CL or CH	SC	Clayey Sand	
Fine Grained Soils	Silts and Clays Liquid Limits<50	Inorganic	PI>7 and Plots≥"A" Line	CL	Lean Clay	
			PI<4 and Plots<"A" Line	ML	Silt	
		Organic	LL (Oven Dried)/LL(Not Dried <0.75)	OL	Organic Silt	
≥50% Passes No. 200 Sieve	Silts and Clays Liquid Limits≥50	Inorganic	PI Plots≥"A" Line	CH	Fat Clay	
			PI Plots<"A" Line	MH	Elastic Silt	
		Organic	LL (Oven Dried)/LL(Not Dried <0.75)	OH	Organic Clay	
Highly Organic Soils		Primarily Organic Matter, Dark in Color and Organic Odor		PT	Peat	

PENETRATION RESISTANCE (RECORDED AS BLOWS/0.5 FEET)				
SAND AND GRAVEL		SILT AND CLAY		
RELATIVE DENSITY	N-VALUE (BLOWS/FOOT)*	CONSISTENCY	N-VALUE (BLOWS/FOOT)*	COMPRESSIVE STRENGTH
Very Loose	0 - 3	Very Soft	0 - 1	0 - 0.25
Loose	4 - 10	Soft	2 - 4	0.25 - 0.50
Medium Dense	11 - 29	Medium Stiff	5 - 7	0.50 - 1.0
Dense	30 - 49	Stiff	8 - 14	1.0 - 2.0
Very Dense	50 +	Very Stiff	15 - 29	2.0 - 4.0
		Hard	30 +	Over 4.0

SOIL MOISTURE	
DESCRIPTOR	**DESCRIPTION**
Dry	Dry of Standard Proctor Optimum
Damp	Sand Dry
Moist	Near Standard Proctor Optimum
Wet	Wet of Satandard Proctor Optimum
Saturated	Free Water in Sample

PARTICLES SIZES		
COMPONENTS		**SIZE OR SIEVE NUMBER**
Boulders		Over 12 Inches
Cobbles		3 to 12 Inches
Gravels	-Coarse	3/4 to 3 Inches
	-Fine	Number 4 to 3/4 Inch
Sand	-Coarse	Number 10 to Number 4
	-Medium	Number 40 to Number 10
	-Fine	Number 200 to Number 40
Fines (Silt and Clay)		Below Number 200

Grab Bulk Sample

Standard Penetration Test

2.5 Inch Modified California

Shelby Tube

No Recovery

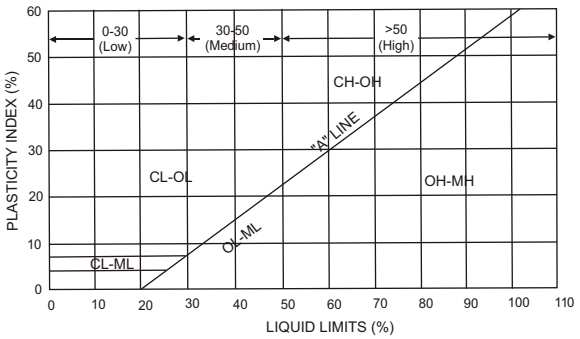
Initial Water Level Reading

Final Water Level Reading

Blow Count
The number of blows of the sampling hammer required to drive the sampler through each of three 6-inch increments. Less than three increments may be reported if more than 50 blows are counted for any increment. The notation 50/5" indicates 50 blows recorded for 5 inches of penetration.

N-Value
Number of blows 140 LB hammer falling 30 inches to drive a 2 inch outside diameter (1-3/8 inch I.D) split barrel sampler the last 12 inches of an 18 inch drive (ASTM-1586 Standard Penetration Test)

PLASTICITY CHART



CU -Consolidated Undrained triaxial test completed. Refer to laboratory results
DS - Results of Direct Shear test in terms of total cohesion (C, KSF) or effective cohesion and friction angles (C', KSF and degrees)
LL - Liquid Limit
PI - Plasticity Index
PP - Pocket Penetrometer test
TV - Torvane Shear Test results in terms of undrained shear strength (KSF)
UC - Unconfined Compression test results in terms of undrained shear strength (KSF)
#200 - Percent passing number 200 sieve
Cu - Coefficient of Uniformity
Cc - Coefficient of Concavity

General Notes

1. The boring locations were determined by pacing, sighting and/or measuring from site features. Locations are approximate. Elevations of borings (if included) were determined by interpolation between plan contours or from another source that will be identified in the report or on the project site plan. The location and elevation of borings should be considered accurate only to the degree implied by the method used.

2. The stratification lines represent the approximate boundary between soil types. The transition may be gradual.

3. Water level readings in the drill holes were recorded at time and under conditions stated on the boring logs. This data has been reviewed and interpretations have been made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, tides, temperature and other factors at the time measurements were made.

4. The boring logs and attached data should only be used in accordance with the report.

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KEY TO EXPLORATORY BORING LOGS

Geosphere Consultants, Inc.
AN ETS COMPANY
Geotechnical Engineering · Engineering Geology
Environmental Management · Water Resources

2001 Crow Canyon Rd, Ste 210
CA 94583
Telephone: 9253147180
Fax: 9258557140

BORING NUMBER B-1

CLIENT Kaiser - National Facilities Services
PROJECT NAME Kaiser San Jose - MOB 275 Emergency Generator Replacement
PROJECT NUMBER 91-03889-A
PROJECT LOCATION 275 Hospital Parkway, San Jose, CA 95119
DATE STARTED 6/21/17 **COMPLETED** 6/21/17
GROUND ELEVATION 188 ft **HOLE SIZE** 4"
DRILLING CONTRACTOR California GeoTech
GROUND WATER LEVELS:
DRILLING METHOD Superman SFA
AT TIME OF DRILLING --- No groundwater encountered.
LOGGED BY AL **CHECKED BY** CD
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		**TOPSOIL: BROWN LEAN CLAY**										
		(CL) **SILTY CLAY :** Stiff, dark brown, dry-moist, rootlets.	MC 1-1		6-6-7 (13)	>4.5	85	12	29	17	12	
			MC 1-2		7-10-13 (23)		104	15				
5		becomes very stiff, no rootlets.										
		(ML) **CLAYEY SILT :** Stiff, brown, dry-moist, fine sand.										
10			SPT 1-3		5-7-7 (14)							
15		increased moisture.	SPT 1-4		4-5-5 (10)							86
		increased clay content.	SPT 1-5		3-5-6 (11)							

Bottom of borehole at 19.5 feet.

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BORING NUMBER B-2

CLIENT Kaiser - National Facilities Services
PROJECT NAME Kaiser San Jose - MOB 275 Emergency Generator Replacement
PROJECT NUMBER 91-03889-A
PROJECT LOCATION 275 Hospital Parkway, San Jose, CA 95119
DATE STARTED 6/21/17 **COMPLETED** 6/21/17
GROUND ELEVATION 188 ft **HOLE SIZE** 4"
DRILLING CONTRACTOR California GeoTech
GROUND WATER LEVELS:
DRILLING METHOD Superman SFA
AT TIME OF DRILLING --- No groundwater encountered.
LOGGED BY AL **CHECKED BY** CD
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		**TOPSOIL: BROWN LEAN CLAY**										
		(CL) **SILTY CLAY :** Very stiff, tan-brown, dry-moist, organics.	MC 2-1		7-7-8 (15)	>4.5	110	10				
			MC 2-2		7-14-18 (32)							
5		becomes hard, light brown, moist.										
		(ML) **CLAYEY SILT :** Very stiff, tan, dry-moist, low plasticity, fine sand.	MC 2-3		5-10-14 (24)							
10												
		becomes stiff.	SPT 2-4		4-6-8 (14)							
15												

Bottom of borehole at 15.0 feet.

MOISTURE CONTENT & DENSITY OF BRASS LINER SAMPLE
ASTM D2937
TEST DATA SHEET

Job Name: Kaiser SJ MOB 275 Generator Replacement GES
CEL No.: 9103889A
Log No.: 10S170630-4

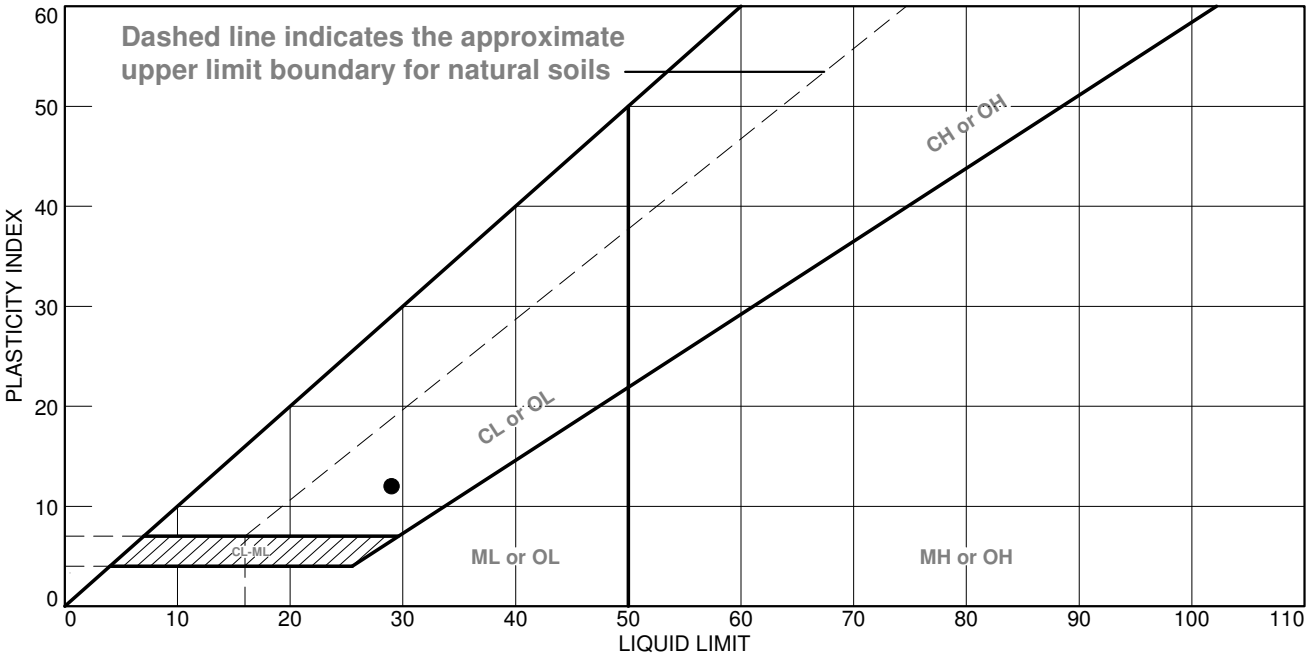
Sample Date: 2/7/2017
Sampled By: N. Anastasio

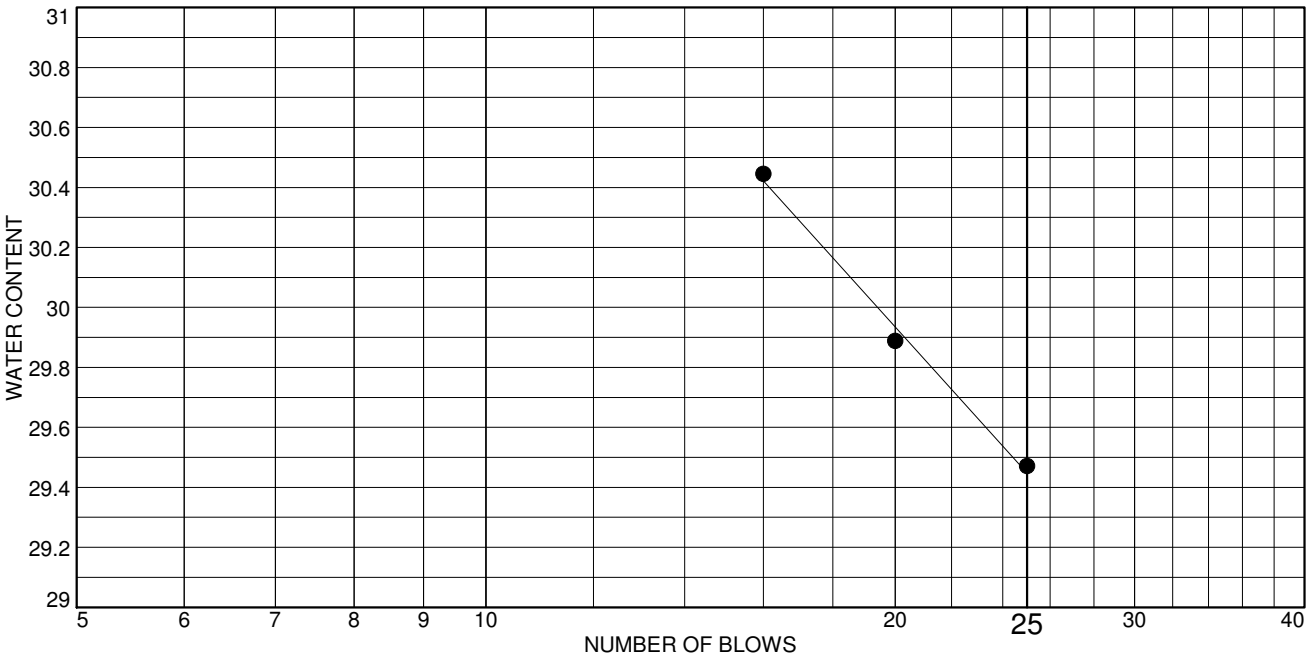
Sample & Soil Type	**Boring**	B1	B1	B2		
	Sample No.	1-2	1-1	2-1		
	Sample Depth (ft)	4"	2.5"	2		
	Visual Description	Brown Sandy Clay	Brown Sandy Clay	Brown Sandy Clay		
	USCS	CL	CL	CL		
Moisture Content	**Container No.**	B1-1	B1-2	B1-3		
	Wt. of Wet Soil & Cont. (g)	1113.4	915.1	1108.8		
	Wt. of Dry Soil & Cont. (g)	1002.6	842	1035.5		
	Net Loss of Moisture (g)	110.8	73.1	73.3		
	Wt of Container (g)	275.6	253.8	273.4		
	Wt of Dry Soil (g)	727	588.2	762.1		
	Moisture Content (%)	15.2	12.4	9.6		
Density	**Length (in)**	5.93	5.933	5.93		
	Diameter (in)	2.374	2.376	2.38		
	Wt of Wet Soil & Tare	1056.8	887	1054.7		
	Tare (g)	228.5	226	219.9		
	Wt of Wet Soil (g)	828.3	661	834.8		
	Wet Density (lbs/cu ft)	120.2	95.7	120.5		
	Dry Density (lbs/cu ft)	104.3	85.1	110.0		

Notes:

Test By: MT
Date Tested: 27-Jun

LIQUID AND PLASTIC LIMITS TEST REPORT





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Brown Silty Clay Sampled on 6/27/17 by A. Lim	29	17	12	98.9	86.0	CL

Project No. 9103889A **Client:**

Project: Kaiser SJ

Location: B1 - 1-1@2
Sample Number: 10S170630-4

CONSOLIDATED ENGINEERING LABORATORIES

San Ramon, California

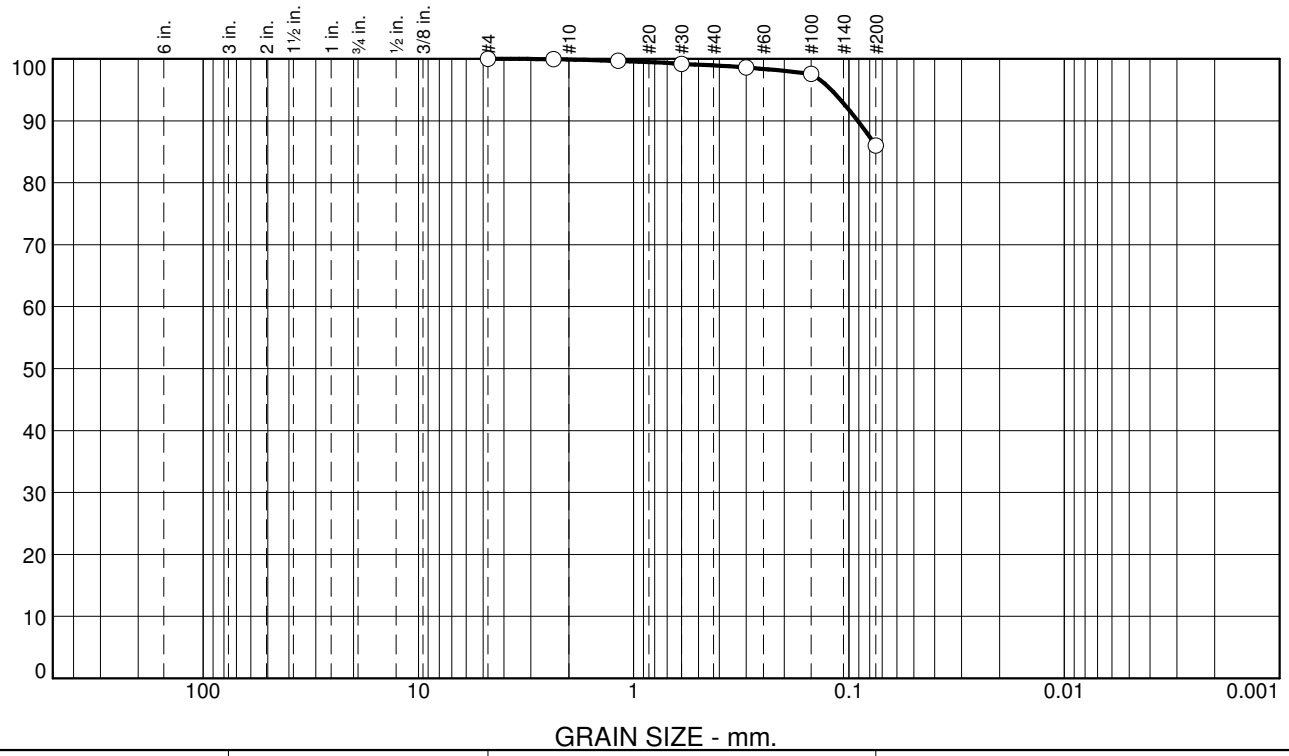
Remarks:

Tested By: MT **Checked By:** KC

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicitive of apparently identical s

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicitive of apparently identical samples

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	1.0	12.9	86.0	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
#4	100.0		
#8	99.9		
#16	99.7		
#30	99.2		
#50	98.6		
#100	97.6		
#200	86.0		

* (no specification provided)

Material Description

Brown Silty Clay
Sampled on 6/27/17 by A. Lim

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= 0.0911 D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Date Received: **Date Tested:**

Tested By: MT

Checked By: KC

Title:

Location: B1 - 1-4@15.5
Sample Number: 10S170630-4

Date Sampled: 6/27/17

CONSOLIDATED ENGINEERING LABORATORIES

San Ramon, California

Client:
Project: Kaiser SJ

Project No: 9103889A

Corrosivity Tests Summary

CTL # 724-165 **Date:** 6/30/2017 **Tested By:** PJ **Checked:** PJ

Client: Geosphere Consultants **Project:** 275 MOB Generator Replacement **Proj. No:** 91-03889-A

Remarks:

Sample Location or ID			Resistivity @ 15.5 °C (Ohm-cm)			Chloride	Sulfate		pH	ORP (Redox)		Sulfide Qualitative by Lead Acetate Paper	Moisture At Test % ASTM D2216	Soil Visual Description
			As Rec.	Min	Sat.	mg/kg Dry Wt.	mg/kg Dry Wt.	% Dry Wt.		E_H (mv) ASTM G200	At Test Temp °C			
Boring	Sample, No.	Depth, ft.	ASTM G57	Cal 643	ASTM G57	ASTM D4327	ASTM D4327	ASTM D4327	ASTM G51					
B2	-	1-3	-	-	2,342	6	50	0.0050	7.6	472	21	Negative	10.4	Brown Sandy CLAY

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Boring Log Explanation

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS: Moisture Content (%)	LABORATORY TESTS: Dry Density (pcf)	LABORATORY TESTS: Other
				Standard penetration split-spoon drive sampler, 2-inch outside diameter, 1 3/8-inch inside diameter (without liners)			
				Modified California drive sampler, 3-inch outside diameter, 2 1/2-inch inside diameter (with liners)			
		S		Shelby tube sampler			
				Bulk sample collected from soil cuttings			
			23	Blow count for last 12 inches of sample, or as noted			
			45*/3"	Blow count for entire drive, total drive less than 6 inches			
				Distinct contact			
				Gradual or uncertain contact			
				Fine content (percentage of soil passing No. 200 sieve)			<200=44%
				Grain size distribution			Sieve
				LL=Liquid limit; PI=Plastic index			LL=27 PI=4
				Unconsolidated-undrained triaxial test, shear strength in psf (confining pressure in psf)			UU=500 (300)
				Consolidation			Consol
				Resistance value (California Test-301)			R-Value=20
				Testing for corrosivity evaluation			Corr

NOTES:

1. The stratification lines shown on the boring logs represent the approximate boundaries between material types. The actual transitions between materials may be gradual.
2. These logs of the test borings and related information depict subsurface conditions only at the specific locations and at the particular time the boring was made.
3. Soil conditions at other locations may differ from conditions occurring at these locations. Also, the passage of time may result in changes in the soil and groundwater conditions at these locations.
4. Soil colors from Munsell Soil Color Charts.

EXP-698 0COPYEXP.GPJ GES91999.GDT 3/5/01

GT-2 (6/98)

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-1

BORING LOCATION: See Site Plan - Figure 1	ELEVATION AND DATUM: 187 (1929 USGS MSL datum, feet)
DRILLING CONTRACTOR: Pitcher Drilling Company	DATE STARTED: 2/2/2001 / DATE FINISHED: 2/2/2001
DRILLING EQUIPMENT: Failing 1500	TOTAL DEPTH (feet): 81.5 / MEASURING POINT: Ground Surface
DRILLING METHOD: 4-inch diameter rotary wash	DEPTH TO FREE WATER FIRST ENCOUNTERED (feet): N/A
SAMPLING METHOD: See Boring Log Explanation, Figure A-1	DEPTH TO WATER AT COMPLETION (feet, date/time): N/A
HAMMER WEIGHT: 140 pounds / HAMMER DROP: 30 inches	LOGGED BY: M. Stephani

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS: Moisture Content (%)	LABORATORY TESTS: Dry Density (pcf)	LABORATORY TESTS: Other
0				PAVEMENT			
1				CLAY with SAND (CL) Stiff, brown (10YR4/3), moist, low plasticity fines, fine grained sand, some silt			
2	1		19		17.2	94.1	UU=1350 (700) Corr
3							73% <#200 Sieve
4							
5							
6	2		16				
7							
8				SILTY SAND (SM) Loose, dark brown (7.5YR3/3), moist, fine grained sand, non-plastic fines			
9	3		17		18	98	
10							
11	4		15				29% <#200
12							
13							
14				CLAY (CL) Stiff, brown (10YR5/2), moist, medium to low plasticity fines			
15							
16	5		16		24	98	LL=37 PI=15
17							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

GT-1 (7/99)

Project No. 7013.000 | Geomatrix Consultants | Figure A-2

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-1 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
18				SILT (ML) Stiff, brown (10YR5/2), moist, low plasticity fines, some fine sand			
19							
20					27.6	95.5	UU=1350 (2300)
21	6	S					
22							
23							
24							
25					27.6	91.3	UU=1900 (2900) Consol
26	7	S					
27							
28							
29							
30							Corr
31	8		14	- increasing clay, becoming mottled with dark bluish gray (10G4/1)			
32							
33							
34							
35					24.5	97.1	UU=3000 (3450)
36	9	S					
37				CLAYEY GRAVEL with SAND (GP) Medium dense, moist to wet, gravels up to 1 inch diameter, low plasticity fines, medium to coarse grained sand			
38							
39							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-1 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
40				Cont'd. CLAYEY GRAVEL with SAND			
41	10		10				15% <#200 Sieve
42							
43							
44				- becoming dense			
45							
46							
47							
48							
49							
50				CLAY with SAND (CL) Very stiff, mottled brown (10YR5/3) to gray, moist, low plasticity fines, fine grained sand, some silt	20.5	109.3	UU=2350 (4400)
51	11		27				
52							
53							
54							
55							
56							
57							
58							
59							
60		S			30.1	93.2	UU=2100 (4900)

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

GT-2 (7/99)

Project No. 7013.000 | Geomatrix Consultants | Figure A-2 Cont.

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-1 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
61	12	S		Cont'd. CLAY with SAND			
62							
63							
64							
65							
66							
67							
68							
69							
70	13		35	CLAYEY SAND with GRAVEL (SC) Dense, gray (10YR5/1), moist, medium to coarse grained sand, gravels up to 3/4 inch diameter			13% <#200 Sieve
71							
72							
73							
74							
75							
76							
77							
78				- becoming very dense			
79							
80							
81	14		51				
				Bottom of borehole at 81.5 ft. Boring backfilled w/grout			

GES-799 0COPYLOG.GPJ GES91999.GDT 5/21/01

GT-2 (7/99)

Project No. 7013.000 | **Geomatrix Consultants** | Figure A-2 Cont.

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-2

BORING LOCATION: See Site Plan - Figure 1	ELEVATION AND DATUM: 186 (1929 USGS MSL datum, feet)
DRILLING CONTRACTOR: Pitcher Drilling Company	DATE STARTED: 2/1/2001 / DATE FINISHED: 2/1/2001
DRILLING EQUIPMENT: Failing 1500	TOTAL DEPTH (feet): 101.5 / MEASURING POINT: Ground Surface
DRILLING METHOD: 4-inch diameter rotary wash	DEPTH TO FREE WATER FIRST ENCOUNTERED (fee N/A
SAMPLING METHOD: See Boring Log Explanation, Figure A-1	DEPTH TO WATER AT COMPLETION (feet, date/time): N/A
HAMMER WEIGHT: 140 pounds / HAMMER DROP: 30 inches	LOGGED BY: M. Stephani

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS: Moisture Content (%)	LABORATORY TESTS: Dry Density (pcf)	LABORATORY TESTS: Other
0				PAVEMENT			
1				CLAY with SAND (CL) Very stiff, brown (10YR4/3), moist, low plasticity fines, fine grained sand, some silt			
2	1		25		11.3	101	UU=3000 (1300) R-Value=24
3							LL=31 PI=14
4							
5	2		16		17.2	106.4	UU=2800 (350)
6							
7							
8				SILTY SAND (SM) Medium dense, brown (7.5YR4/3), moist, medium to fine sand, some lenses of clay			Corr
9	3		11				
10					18.5	100.4	UU=1500 (700)
11	4		12				28% <#200
12							
13							
14				SILT (ML) Stiff, grayish brown (10YR5/2), moist, low to medium plasticity fines			
15					26.5	98	UU=1100 (1700)
16	5	S					
17							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

GT-1 (7/99)

Project No. 7013.000 | Geomatrix Consultants | Figure A-3

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-2 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
18				Cont'd. SILT			
19							
20					30.6	92.5	UU=1500 (2300
21	6	S					
22							
23							
24							
25							
26							
27							
28							
29							
30							
31	7		12		33	89	
32				SILT (ML) Medium stiff, dark bluish gray (10G4/1), moist, medium plasticity fines			
33							
34							
35							
36							
37							
38							
39							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-2 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
40				Cont'd. SILT			
41	8		12		24.2	100.5	UU=550 (3800)
42							
43							
44							
45							
46							
47							
48							
49							
50				SILT (ML) Very stiff, mottled brown (10YR4/3) to dark bluish gray (10GY4/1), moist, low plasticity fines, some fine sand	22.2	106.2	UU=2600 (4300)
51	9	S					
52							
53							
54							
55							Corr
56	10		21		24	101	
57							
58							
59							
60		S			25.7	96.8	UU=2200 (4900)

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-2 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
61	11	S		Cont'd. SILT			
62							
63							
64							
65							
66				CLAY with SAND (CL) Very stiff, light yellowish brown (2.5Y6/4), moist, low plasticity fines, medium to fine grained sand, some silt			
67							
68							
69							
70	12		24		22.6	105	UU=2000 (5550)
71							
72							
73							
74							
75							
76				GRAVEL with CLAY and SAND (GP) Dense, moist to wet, angular to subrounded gravels up to 1 inch diameter, coarse to medium grained sand, low plasticity fines			
77							
78							
79							
80							
81	13		33				10% <#200 Sieve
82							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

Project No. 7013.000 | Geomatrix Consultants | GT-2 (7/99)

Figure A-3 Cont.

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-2 cont.

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ foot	MATERIAL DESCRIPTION	LABORATORY TESTS: Moisture Content (%)	LABORATORY TESTS: Dry Density (pcf)	LABORATORY TESTS: Other
83				SAND with CLAY and GRAVEL (SW) Very dense, brown (10YR5/2), subrounded coarse grained sand, subrounded to angular gravels up to 3/4 inch diameter, low plasticity fines			
84							
85							
86							
87							
88							
89							
90							
91							
92							
93							
94							
95							
96							
97							
98							
99							
100							
101	14		70				12% <#200
				Bottom of borehole at 101.5 feet. Boring backfilled with cement-bentonite grout.			

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-3

BORING LOCATION: See Site Plan - Figure 1	ELEVATION AND DATUM: 188 (1929 USGS MSL datum, feet)
DRILLING CONTRACTOR: Pitcher Drilling Company	DATE STARTED: 2/8/2001 / DATE FINISHED: 2/8/2001
DRILLING EQUIPMENT: Failing 1500	TOTAL DEPTH (feet): 61.5 / MEASURING POINT: Ground Surface
DRILLING METHOD: 4-inch diameter rotary wash	DEPTH TO FREE WATER FIRST ENCOUNTERED (fee N/A
SAMPLING METHOD: See Boring Log Explanation, Figure A-1	DEPTH TO WATER AT COMPLETION (feet, date/time): N/A
HAMMER WEIGHT: 140 pounds / HAMMER DROP: 30 inches	LOGGED BY: M. Stephani

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS: Moisture Content (%)	LABORATORY TESTS: Dry Density (pcf)	LABORATORY TESTS: Other
0				PAVEMENT			
1				CLAY with SAND (CL) Very stiff, brown (10YR4/3), moist, low plasticity fines, fine grained sand, some silt			
2							
3							
4							
5	1		15		12.6	92.8	UU=1100 (700)
6							
7							
8							
9							
10							
11	2		14		26		
12				SILTY SAND (SM) Loose, dark yellowish brown (10YR4/4), moist, fine grained sand, non-plastic fines			
13							
14				SILT (ML) Stiff, brown (10YR5/3), moist, medium to low plasticity fines			
15					26.6	97.7	UU=1000 (1700)
16	3	S					
17							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

GT-1 (7/99)

Project No. 7013.000 | Geomatrix Consultants | Figure A-4

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-3 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
18				Cont'd. SILT			
19				SILT (ML) Stiff, mottled brown (10YR5/3) to gray, moist, medium to low plasticity fines			
20							
21	4		11		31	92	
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33					26.7	96.8	UU=1100 (3300)
34	5	S					
35							
36							
37							
38							
39							

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

Project No. 7013.000 | Geomatrix Consultants | GT-2 (7/99)

Figure A-4 Cont.

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-3 cont.

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/foot	MATERIAL DESCRIPTION	LABORATORY TESTS Moisture Content (%)	LABORATORY TESTS Dry Density (pcf)	LABORATORY TESTS Other
40				SAND with SILT and GRAVEL (SP) Dense, brown to gray, moist, gravels up to 1/2 inch diameter, low plasticity fines, medium to coarse grained sand			
41	6		36				9% <#200 Sieve
42							
43							
44							
45							
46							
47							
48							
49				CLAY with SAND (CL) Very stiff, dark yellowish brown (10YR4/4) to bluish gray (10B5/1), moist, medium to low plasticity fines			
50							
51	7		26		20	107	
52							
53							
54							
55							
56							
57							
58							
59							
60	S				28.4	95.4	UU=2400 (4900)

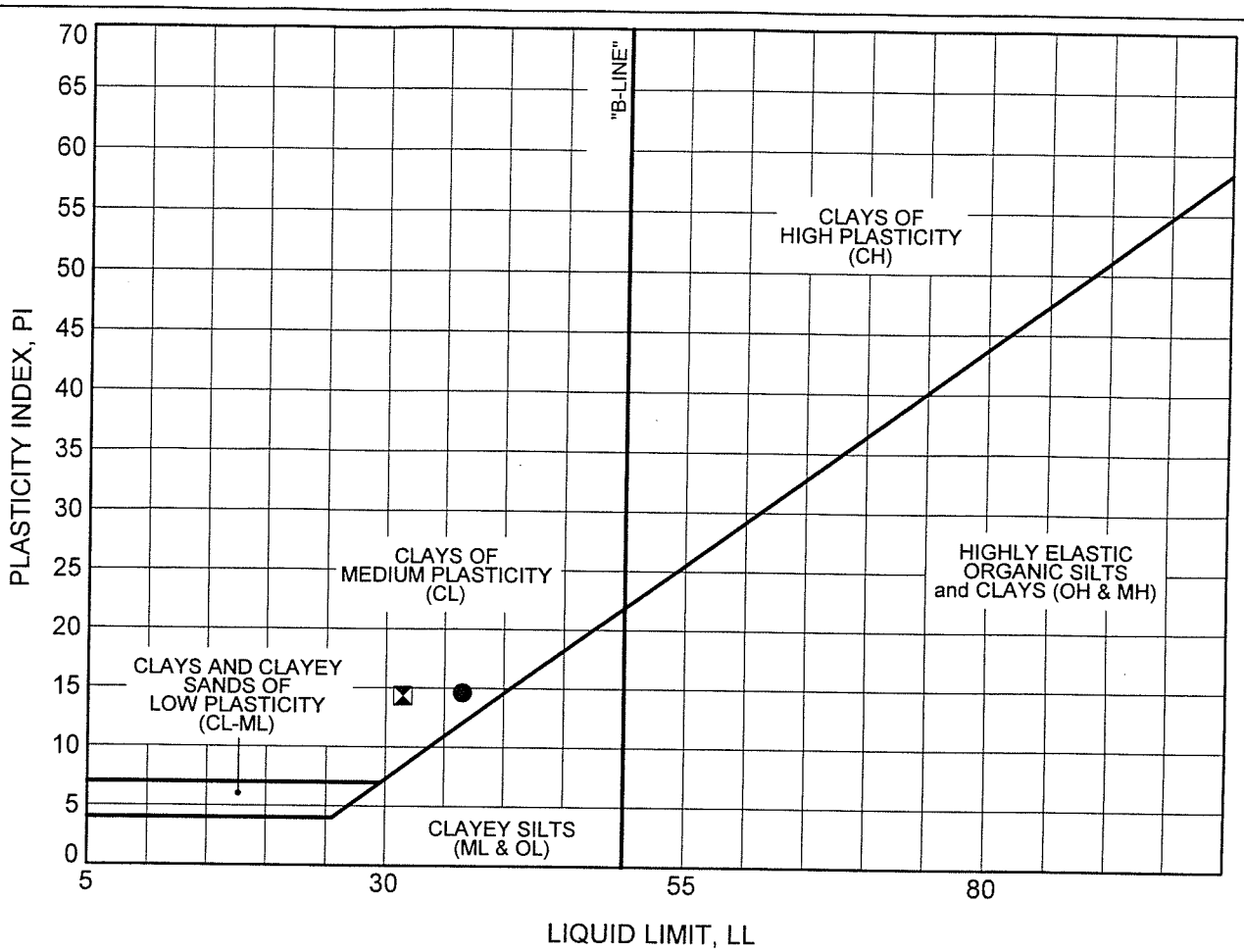
GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01

PROJECT: Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Log of Boring No. B-3 cont.

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ foot	MATERIAL DESCRIPTION	LABORATORY TESTS: Moisture Content (%)	LABORATORY TESTS: Dry Density (pcf)	LABORATORY TESTS: Other
61	8	S		Cont'd CLAY with SAND			
				Bottom of boring at 62.5 feet. Boring backfilled with cement-bentonite grout.			

GES-799 0COPYLOG.GPJ GES91999.GDT 3/5/01



SAMPLE IDENTIFICATION				ATTERBERG LIMITS		
SAMPLE DESIGNATION	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX
●	B-1		15.5	37	22	15
⊠	B-2		2.5	31	17	14

GEOMATRIX

PLASTICITY CLASSIFICATION
Kaiser Santa Teresa ER Expansion
270 Hospital Parkway
San Jose, California

Figure
B-1

Project No.
7013.000

07071999-PLAS-OAK 0COPYLOG.GPJ GES91999.GDT 3/5/01

Geomatrix Consultants

Project No. 7013.000

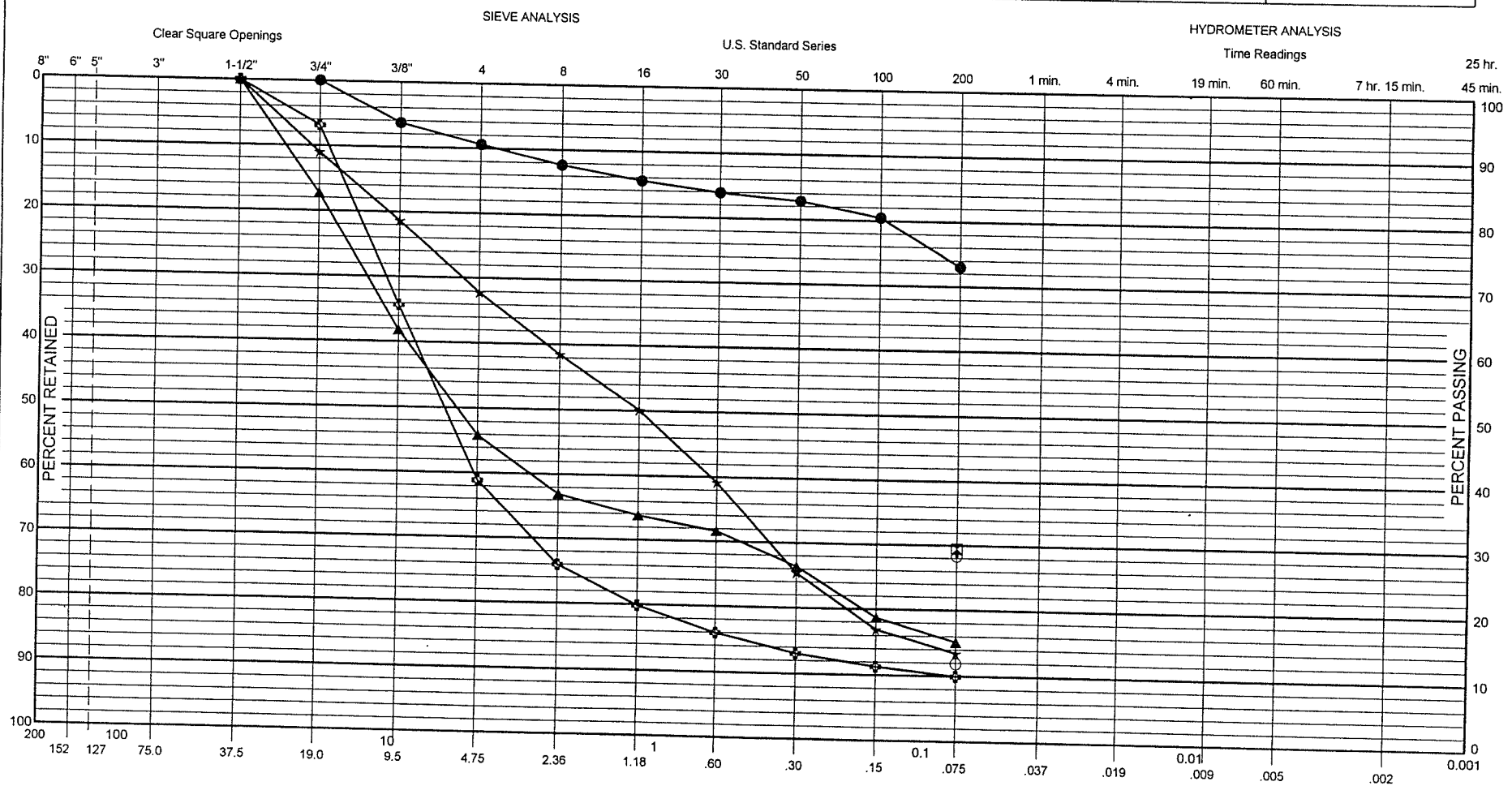
GRAIN SIZE DISTRIBUTION CURVES

Kaiser Santa Teresa ER Expansion

San Jose, California

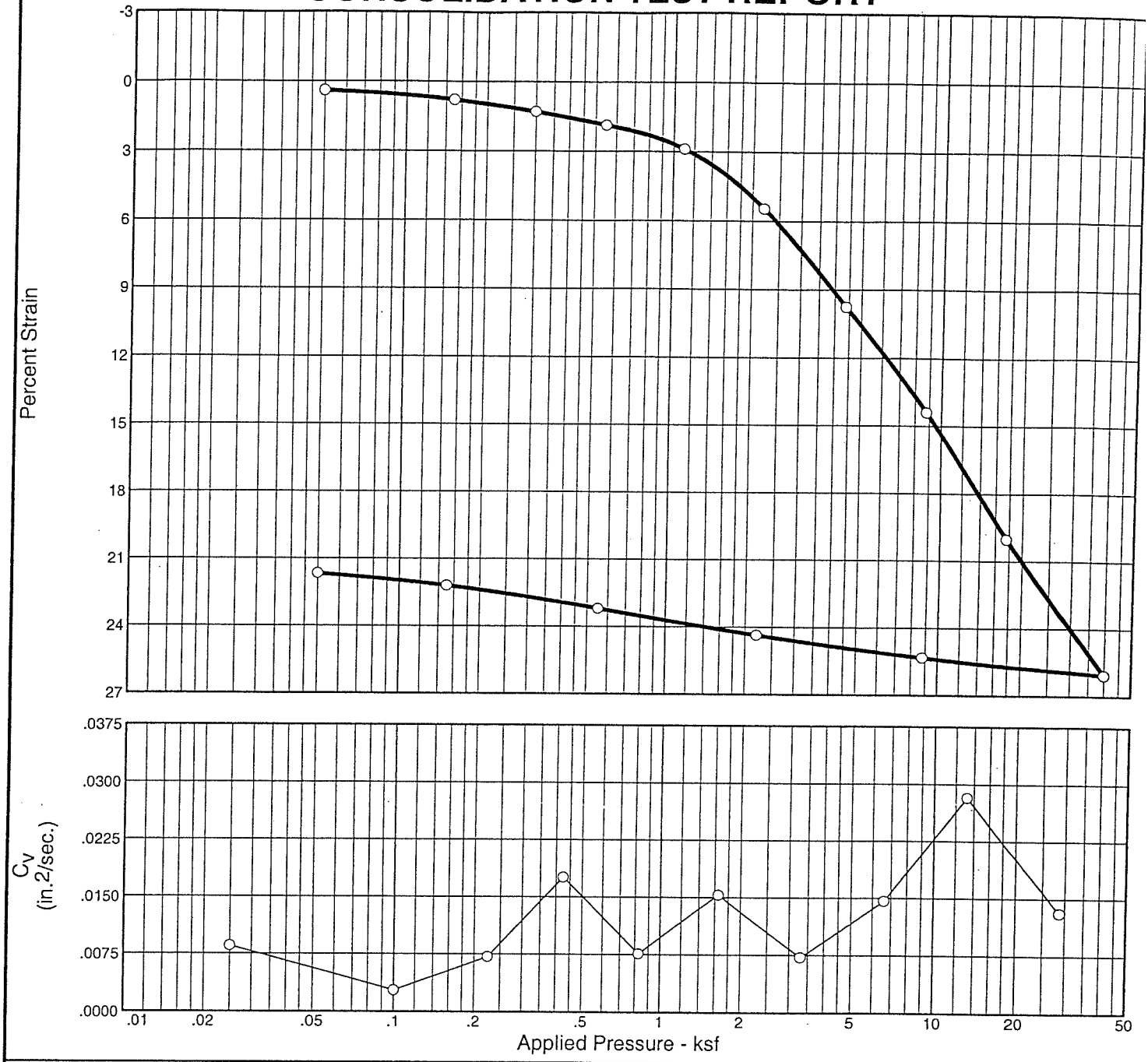
Figure B-2

BORING NO.	SAMPLE NO.	DEPTH, FT.	SYMBOL	LIQUID LIMIT	PLASTICITY INDEX	UNIFIED CLASSIFICATION
B-1		3.0	●			
B-1		11.0	⊠			
B-1		40.0	▲			
B-1		70.0	★			
B-2		11.0	⊙			
B-2		80.0	✿			
B-2		100.0	○			



07071999-GSDC-OAK 0COPYLOG.GPJ GES91999.GDT 3/5/01

CONSOLIDATION TEST REPORT



Natural		Dry Dens. (pcf)	LL	PI	Sp. Gr.	USCS	AASHTO	Initial Void Ratio
Saturation	Moisture							
99.9 %	38.2 %	84.4			2.8			1.072

MATERIAL DESCRIPTION

gray silty CLAY, mottled orange

Project No. 109-300 **Client:** Geomatrix

Project: 7013.000.0 Kaiser

Source: B-1 **Sample No.:** 7 **Elev./Depth:** 25-27.5'

CONSOLIDATION TEST REPORT

COOPER TESTING LABORATORY

Remarks:

Significant soil loss toward end of test kept the curve bending. The last load was corrected up to straighten virgin portion of curve.

Figure B-3

ConCeCo
Engineering, Inc.

200 Mason Circle #A
Concord, CA 94520
(925) 682-8780
FAX (925)682-8766

March 6, 2001

ConCeCo No. 2S01004(a)

Geomatrix Consultants, Inc.
2101 Webster Street, Ste. 1200
Oakland, CA 94612

Attention: Mr. Derek Morley

Subject: **Corrosion Investigation - Santa Theresa Medical Center**
Geomatrix Project No. 7013.000.0

Dear Mr. Morley,

In accordance with your request, we present the following general analysis with respect to the above referenced materials of construction.

SCOPE

A. Determine the corrosivity of four samples furnished by **Geomatrix** and evaluate the potential for corrosion on materials of construction.

B. Conduct chemical and electrical tests on the soil samples in accordance with generally accepted methods and standards.

C. Analyze test data and provide a short letter-type report which includes test results and recommendations necessary for corrosion control.

PROCEDURES

Laboratory Tests:

Soil tests which were conducted which are useful in the evaluation of soil corrosivity in four basic categories:

1. ELECTRICAL RESISTIVITY

   The resistivity of soil is a good general indicator of soil corrosivity since metal corrosion is an electrochemical reaction, i.e., the greater the current in a given corrosion cell the higher the corrosion rate.

2. ANAEROBIC CONDITIONS (pH, Redox, sulfides)

   Anaerobic conditions indicate the presence of depolarizing agents which sustain greater current levels and result in corrosion rates which can be two to ten times higher than that indicated by soil resistivity alone.

3. ACIDITY (pH)

   Acidity can be a key indicator of the tendency for metal ions to go into solution in the soil electrolyte.

4. CONCRETE AND CEMENT MORTAR COATED STEEL (sulfates, chlorides, acidity)

   Acidity (pH <5.5) is also an indication of possible chemical attack on concrete. Steel in concrete has also been found to sustain severe corrosion where chlorides are able to migrate to the steel surface and sulfates are found to promote the deterioration of the concrete and chloride attack on the rebar.

Standard test methods were selected which were best suited for repeatable results, accuracy, interpretation, and generally accepted practice. The standard methods for the tests involved are listed at the bottom of Table I. A complete description of the test procedures and standard references can be furnished if required.

DISCUSSION

The NACE International classifications of corrosivity for the soils reported in Table I would be as shown below:

NACE SOIL CORROSIVITY CLASSIFICATION[1]

Soil Resistivity (ohm-cm)	Soil Classification
Below 500	Very Corrosive
500 to 1,000	Corrosive
1,000 to 2,000	Moderately Corrosive
2,000 to 10,000	Mildly Corrosive
Above 10,000	Progressively Less Corrosive

[1]NACE, Corrosion Basics - An Introduction, NACE, Houston, TX., pp. 191 (1984)

Steel:

The NACE soil corrosivity classification is based on average soil resistivity values for soils in general. Based upon the lowest resistivity alone (1,330 ohm-cm), the soil would be classified as moderately corrosive. A low redox (+1.9 mV), pH which were optimum for anaerobic bacteria growth, though no concentration of sulfides were detected, indicates that it is a depolarizing environment; thus we would classify the soils tested as being "corrosive" to steel.

Ductile and Cast Iron:

The evaluation of ductile iron and cast iron can be compared to the steel classification presented above and the table from Appendix A, ANSI A21, attached. Since the corrosion rates of iron and steel are very close, we generally compare the two classification systems. The two classification systems compare favorably and lead to the conclusion that soil represented the sample tested are "corrosive" to ductile and gray cast iron.

Concrete Rebar:

The Uniform Building Code (UBC) sets standards for exposure limits (see Table 26-A-7); and, if we convert the chloride and sulfate content from ppm to percent, we can see that amounts in the soil samples tested fall within these limits for Type II cement as follows.

Sample No.	Water Soluble Chloride in Soil % by Weight (from Table I)	Water Soluble Sulfate in Soil % by Weight (from Table I)
8-1	0.0040 (40 ppm)	0.0140 (140 ppm)
1-3	0.0020 (20 ppm)	0.0410 (410 ppm)
3-3	0.0022 (22 ppm)	0.0090 (90 ppm)
10-3	0.0018 (18 ppm)	<0.0001 (<1 ppm)

Concrete:

The Uniform Building Code (UBC) sets standards for exposure limits and the sulfate content of the sample tested is compared to the soil class by the UBC and the USBR (U.S. Bureau of Reclamation). The maximum sulfate content in the soil sampled was 0.0410% (410 ppm) and was in the "Moderate" Sulfate Exposure class for soils and would be non-aggressive to concrete, with Type II cement, exposed to water of this type. The water soluble chloride found in the sample is low and would cause moderate corrosion on any rebar not fully coated with good quality concrete. No special requirements are needed for good structural concrete with 3-inches of cover in these soils.

CONCLUSIONS

1. The soils tested were classified in accordance with the National Association of Corrosion Engineers (NACE) for steel, the American National Standards Institute (ANSI) A21.5 for cast or ductile iron, the Portland Cement Association (PCA) for concrete and on the basis of our experience, research and investigations for concrete encased steel or mortar coated steel. Materials anticipated for use in this project are classified as follows:

Material	Corrosion Class
Steel, Bare/Galvanized/Coated	Corrosive
Iron, Cast/Ductile or Mortar Coated Steel	Corrosive
Steel, Concrete Coated(good quality)	Non-Corrosive
Copper	Not tested

2. The lowest pH value of 7.3 indicates a near neutral soil which is not aggressive to portland cement. Soils containing sulfates and chloride levels found in these samples generally do not cause corrosion of steel rebar in uncracked, good quality concrete with Type II cement.

RECOMMENDATIONS

1. All buried bare, galvanized, concrete/mortar, or dielectric coated steel, and ductile or cast iron should be cathodically protected. The cathodic protection system should be designed by a qualified corrosion engineer.

2. Steel reinforcement for concrete should be protected by providing at least 3-inch minimum good quality concrete cover, to avoid corrosion of rebar from chloride contamination for soils representative of soil.

3. Cast iron or ductile iron pipe and fittings should be polyethylene encased in accordance with ANSI A21.5, as a cost effective method to reduce current requirements for cathodic protection.

4. Tests for the soil corrosivity to copper were not conducted. If there is an indication that the soils in this area may be aggressive to copper, testing should be conducted to determine any corrosion control requirements.

5. Insulating elements should be provided between different materials and different environs (concrete-soil, soil-air, low pH native soil-high pH sand, etc.) both above and below ground. Most importantly is an insulating union or flange between above and below grade piping with insulator located just **above grade**.

6. Soil conditions are not the only factors which may cause corrosion loss; design and construction practice may also be primary causes for failure. A review of plans and specifications for underground structures should be conducted by a qualified corrosion engineer prior to construction.

The user of this report should keep in mind that these conclusions were derived from nine soil samples. These conclusions and recommendations are preliminary; and, depending upon the size of the project and how representative of the site or of the soil samples tested, a more extensive corrosivity study may be required.

We appreciate the opportunity to provide this service to you and your company. If further information is required in this matter or if we can be of further service, please advise.

Sincerely,
ConCeCo Engineering, Inc.

Robert E. Colson, P.E.

REC:tdh

Enclosures: Table I
UBC Tables 26-A-6, and 26-A-7
Excerpts from USBR, PCA and ANSI A21.5/AWWA C105
Table A.1

TABLE I

ConCeCo Engineering, Inc.

Client: Geomatrix Consultants, Inc.
Job No. 7013.000.0

ConCeCo Job No. 2S01004(a)

SOIL TEST SUMMARY

Sample No.	Resistivity (ohm-cm)		Redox (mV)	pH	Sulfides	Chlorides (ppm)	Sulfates (ppm)	Soil Description
	As-received	Saturated						
8-1	1600	1600	162	7.4	Negative	40	140	Mottled Brn/Gry, Silty Clay, Cohesive
1-3	2860	1330	11	7.4	Negative	20	410	Brn., Silty Clay, Friable
3-3	3720	3380	1.9	7.3	Negative	22	90	Brn., Silty Sand, Friable
10-3	2900	2900	148	7.3	Negative	18	<1	Mottled Brn/Gry, Silty-Sandy Clay, Cohesive

Notes:

1. Appendix A of ANSI/AWWA C105/A215, TABLE A, provides soil test methods and evaluation for conditions corrosive to gray or ductile-cast iron pipe and fittings.
2. The above test (excluding redox and sulfides) were performed in accordance with the following Caltrans Test Methods:
   a. California Test 643 (1993): METHODS FOR ESTIMATING THE SERVICE LIFE OF STEEL CULVERTS.
   b. California Test 532 (1993): METHOD FOR ESTIMATING THE TIME TO CORROSION OF REINFORCED CONCRETE SUBSTRUCTURES.
   c. California Test 422 (1978): METHOD OF TESTING SOILS AND WATERS FOR CHLORIDE CONTENT.
   d. California Test 417 (1986): METHOD OF TESTING SOILS AND WATERS FOR SULFATE CONTENT.

TABLE NO. 26-A-6—REQUIREMENTS FOR CONCRETE EXPOSED TO SULFATE-CONTAINING SOLUTIONS

SULFATE EXPOSURE	WATER SOLUBLE SULFATE (SO_4) IN SOIL, PERCENT BY WEIGHT	SULFATE (SO_4) IN WATER, PPM	CEMENT TYPE	NORMAL-WEIGHT AGGREGATE	LIGHTWEIGHT-AGGREGATE CONCRETE
				Maximum Water-Cement Ratio, by Weight[1]	Minimum Compressive Strength, f'_c psi[1]
Negligible	0.00-0.10	0-150	—	—	—
Moderate[2]	0.10-0.20	150-1500	II, IP(MS), IS(MS)	0.50	3750
Severe	0.20-2.00	1500-10,000	V	0.45	4250
Very Severe	Over 2.00	Over 10,000	V plus pozzolan[3]	0.45	4250

[1] A lower water-cement ratio or higher strength may be required for watertightness or for protection against corrosion of embedded items or freezing and thawing (Table No. 26-A-5).

[2] Seawater.

[3] Pozzolan that has been determined by test or service record to improve sulfate resistance when used in concrete containing Type V cement.

TABLE NO. 26-A-7—MAXIMUM CHLORIDE ION CONTENT FOR CORROSION PROTECTION

TYPE OF MEMBER	MAXIMUM WATER SOLUBLE CHLORIDE ION (CL) IN CONCRETE, PERCENT BY WEIGHT OF CEMENT
Prestressed concrete	0.06
Reinforced concrete exposed to chloride in service	0.15
Reinforced concrete that will be dry or protected from moisture in service	1.00
Other reinforced concrete construction	0.30

Job Name: Kaiser Foundation
Location: San Jose, California
Date drilled: December 7, 1989

Number: 46-D-89
Boring Number: 1

Percent Fines (-#200)	Liquid Limit %	Plasticity Index	Type Strength Test	Test Surch. Press. psf	Test Moist. Cont. %	Shear Strength psf	Natural Moist. Cont. %	Dry Density pcf	Sampler Type-Blows/Foot	Feet	Visual Classification
			DS	300	Natural	950	18.0	117		1	[ML] Dark Brown CLAYEY SILT
				2000		2100			MC-37	2	trace fine sand, stiff,
			DSI	300	16.8	750	14.6	121		3	moist
										4	grading brown
							15.3	115	MC-28	5	
										6	
										7	
										8	
74									MC-23	9	stiff, moist
										10	
										11	
										12	
										13	grading gray-brown
			DS	1500	Natural	1800	12.8	114	MC-24	14	
										15	
										16	
										17	
										18	
84									MC-18	19	lenses of silty fine sand
										20	
										21	[CL] [ML] Gray-Brown Very SILTY
										22	CLAY, low plasticity, stiff,
										23	moist
										24	
							27.8	95	MC-18	25	

FIELD NOTES

1. The borings were drilled on December 7, 1989, with a truck-mounted, 6-inch-diameter, helical auger drilling rig.

2. The samples were obtained with a 2.5-inch-diameter, split barrel sampler driven into the soils with a 140-pound hammer, falling 30 inches onto drill rods extending above the ground surface. The number recorded under "Blows/Foot" is the number of blows required to drive the sampler from 6 to 18 inches below the bottom of the boring.

3. Free groundwater was not encountered in any of the borings drilled for this investigation.

LABORATORY NOTES

1. "DS" Strain controlled direct shear test of an undisturbed soil sample, performed at natural moisture content.

2. "DSI" Strain controlled direct shear test after the the sample was submerged in water until movement stopped under a surcharge equal to the test surcharge pressure.

3. The indicated shear strengths are yield point values.

B O R I N G L O G S

JUN-20-'91 THU 15:31 ID:SUGIMURA AND ASSOC TEL NO:408-377-6066 #247 P12

Job Name: Kaiser Foundation
Location: San Jose, California
Date drilled: December 7, 1989

Number: 46-D-89
Boring Number: 2

Percent Fines (-#200)	Liquid Limit %	Plasticity Index	Type Strength Test	Test Surch. Press. psf	Test Moist. Cont. %	Shear Strength psf	Natural Moist. Cont. %	Dry Density pcf	Sampler Type-Blows/Foot	Feet	Visual Classification
			DS	300	Natural	1200	14.4	120	MC-23	1	[CL] Dark Brown SILTY CLAY
				2500		3000				2	low to medium plasticity,
										3	stiff, moist, grading brown
										4	@ 3 feet & slightly sandy
			DS	800	Natural	1700	15.8	116	MC-21	5	
			DS	3000	Natural	2800	15.2	115		6	
										7	[SM] Brown SILTY Fine SAND
										8	medium dense, moist
			DS	1100	Natural	1000	13.3	113	MC-16	9	
										10	
										11	
										12	grading mottled gray-brown
										13	and more moist
							22.5	101	MC-20	14	
										15	
										16	
										17	grading very silty (near ML)
										18	
			DS	2200	Natural	600	25.9	100	MC-12	19	[ML] Mottled Gray-Brown CALEY SILT
										20	med. stiff, very moist

Job Name: Kaiser Foundation
Location: San Jose, California
Date drilled: December 7, 1989

Job Number: 46-D-89
Boring Number: 3

Percent Fines (-#200)	Liquid Limit %	Plasticity Index	Type Strength Test	Test Surch. Press. psf	Test Moist. Cont. %	Shear Strength psf	Natural Moist. Cont. %	Dry Density pcf	Sampler Type-Blows/Foot	Feet	Visual Classification
										1	[ML] [CL] Dark Brown Very CLAYEY
										2	SILT, trace fine sand, med.
									MC-21	3	stiff, moist
										4	
										5	
										6	Brown SANDY & CLAYEY SILT
63			DS	800	Natural	300	18.3	111	MC-18	7	medium dense/soft, moist
										8	
										9	[SM] Dark Brown SILTY SAND w/
										10	fine gravel, medium dense
18									MC-16	11	
										12	[GM] Brown SILTY & SANDY GRAVEL
										13	medium dense
										14	[SW] Brown-Gray Medium SAND
										15	dense, damp
							5.9	109	MC-30	16	
										17	[GM] Gray-Brown SILTY and SANDY
										18	GRAVEL, dense, damp
										19	
							8.3	131	MC-48	20	

BORING LOGS

JUN-20-'91 THU 15:32 ID:SUGIMURA AND ASSOC TEL NO:408-377-6066 #247 P13

PLATE 2-B

Job Name: Kaiser Foundation
Location: San Jose, California
Date drilled: March 21, 1991

Job Number: 46-D3-91
Boring Number: 5

Percent Fines (-#200)	Liquid Limit %	Plasticity Index	Type Strength Test	Test Surch. Press. psf	Test Moist. Cont. %	Shear Strength psf	Natural Moist. Cont. %	Dry Density pcf	Sampler Type-Blows/Foot	Ft	Visual Classification
										1	[ ] 2" AC over 12" Aggregate Base
										2	[CL] [CH] Brown SILTY CLAY
			DSI	400	17.7	1000	17.7	121	58	3	high to mod. plasticity,
				2000		2400				4	stiff to v. stiff, moist
										5	[ML] Brown Fine SANDY and CLAYEY
			DS	700	Natural	1500	13.4	115	22	6	SILT, stiff, moist
				2500		2400				7	
										8	
										9	lenses of silty fine sand
			DS	1200	Natural	1300	19.7	107	21	10	
										11	
										12	
										13	grades gray-brown, more
										14	moist and soft @ 14 feet
							40.0	86	14	15	
										16	
										17	
										18	
										19	grades slightly stiffer
										20	
72							23.2	96	21	21	
										22	
										23	
										24	
										25	
										26	grades slightly stiffer
										27	
			DS	3000	Natural	1000	25.0	99	16	28	
										29	
										30	
										31	
										32	
										33	
										34	becomes more clayey, near CL
										35	
			DS	3000	Natural	900	21.1	105	18	36	
										37	
										38	
										39	
										40	
										41	
										42	
										43	
										44	
							23.6	104	27	45	

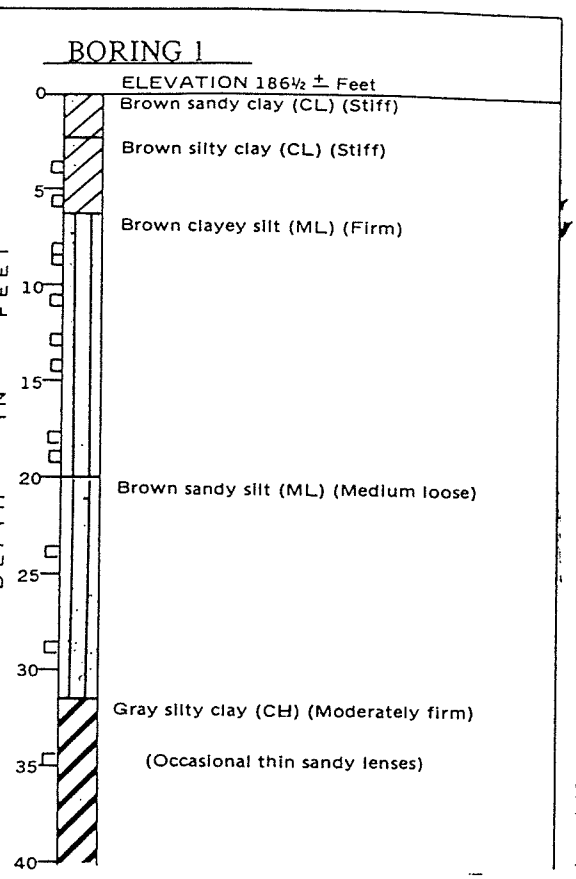
BORING LOGS

BAGG

Revisions: By ____ Date ____ By ____ Date ____

By BSK Date 8-24-72
Checked By BM 8/14/72
Job Number 1252-B Name American Medical International Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			DS	400	Natural	3900	12.2	112	35
			DS	600	Natural	1500	17.9	104	11
	33.6	7.3	DSY	1000	24.6	500		91	6
			DS	1000	Natural	1650	20.4	102	16
							27.2	92	
			DS	1400	Natural	1200	21.2	102	8
			DSX	1400	20.9	1250	20.8	105	11
			DSY	1700	29.4	900		90	9
			DS	2000	Natural	1650	19.2	98	10
			DS	2200	Natural	900	24.3	96	7
							29.7	92	6
	30.9	4.2	DS	1000	Natural	600	26.0	95	7
			DS	2900	Natural	1000	28.9	91	12



Continued on Plate 2-B

FIELD NOTES

1. The borings were drilled on July 25 through 28, 1972 with truck-mounted, 5-inch-diameter, rotary-wash equipment.
2. The following symbol, □, denotes an undisturbed sample taken in a 2½-inch-diameter, split-tube barrel, driven into the soil by 325 pound slip jars falling 18± inches inside the boring.
3. Boring elevations were estimated by interpolation between the plot plan contours.

LABORATORY NOTES AND ABBREVIATIONS

The tabulated shear strengths are yield point values.

DS = Strain controlled direct shear test at natural moisture content.

DSX = Strain controlled direct shear test after the sample had been submerged in water until movement ceased under a surcharge equal to the test surcharge.

DSY = Strain controlled direct shear test on a sample which was affected by circulated water during drilling.

BORING LOG

Revisions:
By _____ Date _____
By _____ Date _____
By _____ Date _____

Location San Jose, California

Name American Medical International

Job Number 1252-B

Checked By RVL Date 8/16/72

By BSK Date 8-24-72

BORING 1 (Continued)

ELEVATION 186½ ± Feet

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT	DEPTH IN FEET	
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT			
			DS	3000	Natural	700	21.4	106	9	40	
			DS	3000	Natural	1200	18.2	109	15	45	Grayish-brown sandy clay (CL) (firm)
			DS	3000	Natural	2200	18.9	109	25	50	Brown sandy clay (CL) (stiff)
	26.4	2.0	DS	3000	Natural	1650	20.2	107	16	55	Brown clayey silt (ML) (Firm)
			DS	2000	Natural	1750	21.6	103	30	60	(Grading stiff)
			DS	2000	Natural	1650	24.3	97	27	65	
			DS	2000	Natural	1400	24.1	98	20	70	Grayish-brown sandy clay (CL) (Stiff)
			DS	2000	Natural	1450	22.1	103	18	75	(Grading greenish-gray)
							17.5	114	23	80	Brown clayey silt (ML) (Firm)
										85	
										90	(Grading sandy)
										95	(Grading firmer)
										100	(Grading more sandy)

BORING LOG

PLATE 2-B

By BSK Date 8-24-72
Checked By [illegible] 8/14/72
Job Number 1252-B Name American Medical Interational Location San Jose, California

Revisions:
By _____ Date _____
By _____ Date _____

BORING 2

ELEVATION 187± Feet

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT	DEPTH IN FEET
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT		
			DS	300	Natural	3800	12.1	107	40	
			DS	600	Natural	1400	15.4	103	12	
			DSX	600	19.5	800	14.0	106		
			DS	1000	Natural	1300	15.1	99	12	
			DS	1000	Natural	1500	11.3	98	16	
			DSX	1000	20.8	800	8.6	100		
			DSY	1500	24.6	900		88	8	
			DS	1700	Natural	1500	12.4	94	12	
			DSX	1000	21.6	650	16.5	100		
			DSX	2500	24.6	1650	14.9	94		
			DS	1000	Natural	550	24.5	98	9	
			DS	2000	Natural	1050	23.3	101		
			DS	1000	Natural	750	30.4	90	7	
(Tested sand)			DS	1500	Natural	1300	24.4	96	12	
(Tested silty sand)			DS	3000	Natural	1350	29.5	90	16	
			DS	3000	Natural	1250	31.7	89	15	
			DS	1000	Natural	700	21.3	108	22	
			DS	3000	Natural	1000	19.6	104	22	
			DS	3000	Natural	2000	23.8	99	21	
			DS	3000	Natural	2150	21.8	105	26	
							18.5	110	30	
							22.1	104	35	

Depth scale: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80

Brown silty clay (CL) (Stiff)

Brown clayey silt (ML) (Stiff)

Brown sandy silt (ML) (Medium dense)

Brown clayey silt (ML) (Soft)

Brown sandy silt (ML) (Medium loose)

(Occasional sandy lenses)

Gray silty clay (CL) (Moderately firm)

Grayish-brown sandy clay (CL) (Moderately firm)

(Grading firmer)

Grayish-brown clayey silt (ML) (Moderately firm)

Greenish-gray sandy clay (CL) (Stiff)

(Grading brown)

Brown clayey silt (ML) (Stiff)

BORING LOG

Revisions:
By _____ Date _____
By _____ Date _____
By _____ Date _____

Location San Jose, California

By BSK Date 8-24-72
Checked By RVL Date 8/14/72
Job Number 1252-B Name American Medical International

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
	31.0	10.1	DS	800	Natural	2250	15.9	107	15
			DSY	1200	27.7	750		91	6
			DS	1600	Natural	1050	27.8	89	6
			DS	1000	Natural	400	26.6	93	9
	25.0	7.9	DS	1500	Natural	700	21.5	100	10
			DS	1500	Natural	1100	24.6	96	11
			DS	3000	Natural	950	35.2	85	11
							25.1	100	12
			DS	3000	Natural	1350	26.0	96	13
							22.3	102	12
			DS	3000	Natural	1850	21.0	105	21

BORING 3

ELEVATION 187± Feet

DEPTH IN FEET

0 Brown clayey silt (ML) (Stiff)

5

10 Brown sandy silt (ML) (Medium dense)

(Porous)

15

Brown clayey silt (ML) (Soft)

20

(Occasional thin sandy lenses)

25

(Grading firmer)

30

Gray silty clay (CH) (Firm)

35

(Grading sandy)

40 Gray sandy clay (CL) (Moderately firm)

45 Brown clayey silt (ML) (Moderately firm)

(Grading gray)

50 Brown clayey sand (SC) (Medium dense)

55 Brown clayey silt (ML) (Firm)

60

BORING LOG

Revisions: By _____ Date _____ By _____ Date _____

Location San Jose, California

Name American Medical International Date 8-24-72

Job Number 1252-B Checked By [illegible] 8/14/72

By BSK

BORING 4

ELEVATION 187± Feet

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT	DEPTH IN FEET	
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT			
			DS	400	Natural	4000	12.7	109	30	0	Brown clayey silt (ML) (Stiff)
			DSX	400	20.0	750	11.6	109		5	Brown silty clay (CL) (Hard)
			DS	1100	Natural	2900	13.7	109	17		
			DSY	1100	27.9	650		89	5	10	Brown clayey silt (ML) (Firm)
			DSY	1600	26.0	850		88	5	15	(Grading soft)
							25.8	96	8		
			DS	1000	Natural	600	27.0	96	7	20	
							31.8	90	14	25	
			DS	3000	Natural	1450	21.1	105	11	30	Brown silty sand (SM) (Medium dense)
			DS	1000	Natural	1250	20.4	107	11	35	Gray silty clay (CH) (Moderately firm)
			DS	3000	Natural	1300	24.6	100	21	40	Grayish-brown sandy silt (ML) with sandy lenses (Dense)
			DS	3000	Natural	1150	24.9	100	23	45	Grayish-brown clayey silt (ML) (Moderately firm)
										50	Brown sandy gravel (GP) (Dense)
										55	Brown clayey silt (ML) (Moderately firm)
										60	
										65	

BORING LOG

PLATE 2-E

Revisions: By _____ Date _____ By _____ Date _____

Location San Jose, California

Name American Medical International

Job Number 1252-B By BSK Date 8-24-72 Checked By RSM Date 8/14/72

BORING 5

ELEVATION 187± Feet

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT	DEPTH IN FEET	
% FINES (-NO 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT			
			DS	500	Natural	1850	15.7	105	10	0	Brown silty clay (CL) (Stiff)
							16.0	110	17	5	Brown clayey silt (ML) (Stiff)
			DSY	1000	20.1	700		98	7		
							26.2	89	7	10	Brown sandy silt (ML) (Medium dense)
											Brown clayey silt (ML) (Firm)
			DSY	1000	32.5	400		86	4	15	(Grading soft)
							32.1	90	7	20	
			DS	1500	Natural	1100	23.8	98	14	25	(Thin sandy lens)
			DS	3000	Natural	1000	31.8	87	9	30	Gray silty clay (CH) (Firm)
			DS	3000	Natural	750	23.2	99	11	35	Grayish-brown sandy silt (ML) (Medium dense)
			DS	3000	Natural	1150	22.2	102	15	40	Grayish-brown clayey silt (ML) (Moderately firm)
							16.7	116	84	45	
			DS	3000	Natural	1400	22.5	103	18	50	Grayish-brown silty clay (CL) (Firm)
			DS	3000	Natural	1050	24.5	101	17	55	Brown silty sandy gravel (GM) (Dense)
							23.5	102	30	60	Brown sandy clay (CL) (Stiff)
										65	Brown clayey silt (ML) (Firm)
										70	Greenish-gray silty clay (CL) (Stiff)
										75	Brown sandy clay (CL) (Firm)
										80	Brown clayey silt (ML) (Stiff)

BORING LOG

PLATE 2-F

Revisions: By _____ Date _____ By _____ Date _____

Job Number 1252-B Name American Medical International Location San Jose, California

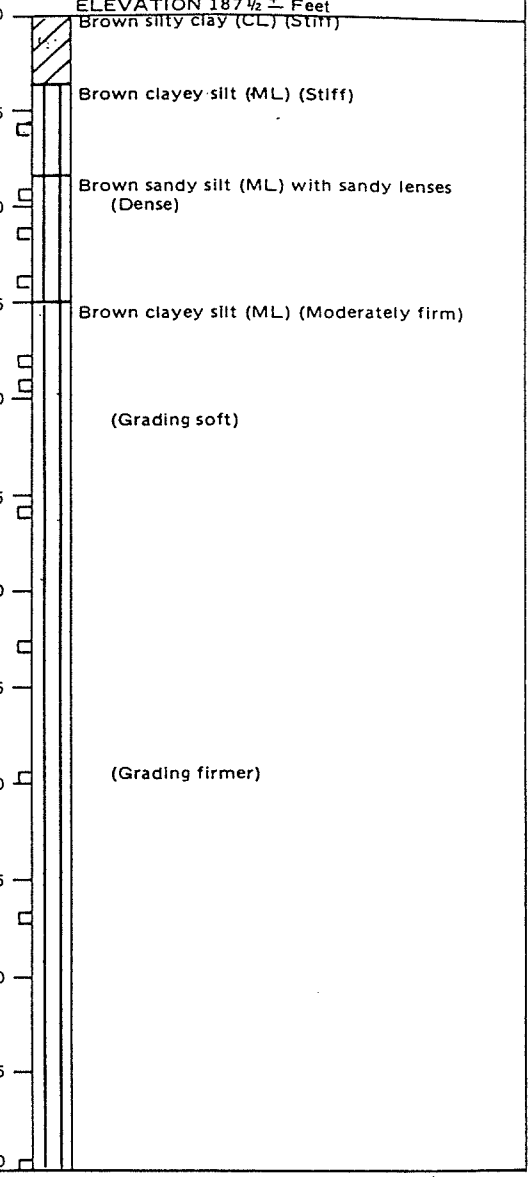
By BSK Date 8-24-72

Checked By [illegible] Date 8/14/72

BORING 6

ELEVATION 187½ ± Feet

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			DS	600	Natural	1550	16.2	108	23
			DS	1000	Natural	1400	18.2	104	17
									14
			DS	1600	Natural	1600	13.4	92	
			DSX	1600	26.5	650	10.9	88	12
			DS	1600	Natural	800	33.1	88	7
							25.6	95	7
							28.3	93	6
			DS	1000	Natural	650	32.3	87	12
							24.4	100	19
			DS	3000	Natural	1400	24.1	98	14
			DS	3000	Natural	1700	20.3	106	20



BORING LOG

Revisions: Date ____ By ____ Date ____ By ____

Location San Jose, California

Name American Medical International

Date 8-24-72

By BSK Checked By [signature] 8/14/72

Job Number 1252-B

BORING 7

ELEVATION 188± Feet

% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	BLOWS/FOOT	DEPTH IN FEET	
										0	Brown silty clay (CL) (Stiff)
			DS	500	Natural	2100	13.1	105	16	5	Brown clayey silt (ML) (Stiff)
			DS	1100	Natural	1450	6.8	96	14	10	Brown sandy silt (ML) (Dense)
			DSX	1100	22.6	550	12.8	99		15	
			DS	1600	Natural	1500	21.0	91	10		Brown clayey silt (ML) (Firm)
			DS	2000	Natural	1050	25.1	99	10	20	(Grading soft)
							29.3	92	9		
			DS	2000	Natural	800	29.2	93	7	25	
							29.8	90	7	30	(Grading firmer)
			DS	3000	Natural	1250	23.3	100	9	35	
			DS	3000	Natural	1500	25.0	97	15	40	Gray clayey sand (SC) (Medium dense)
							19.9	105	19	45	Grayish-brown clayey silt (ML) (Firm)
			DS	3000	Natural	2000	17.5	107	17	50	(Grading sandy)
										55	(Gravelly layer)
										60	

BORING LOG

PLATE 2-I

Revisions:
By _____ Date _____
By _____ Date _____
By _____ Date _____

Location San Jose, California

Name American Medical International

Job Number 1252-B

By BSK Date 8-24-72

Checked By [illegible] 9/14/72

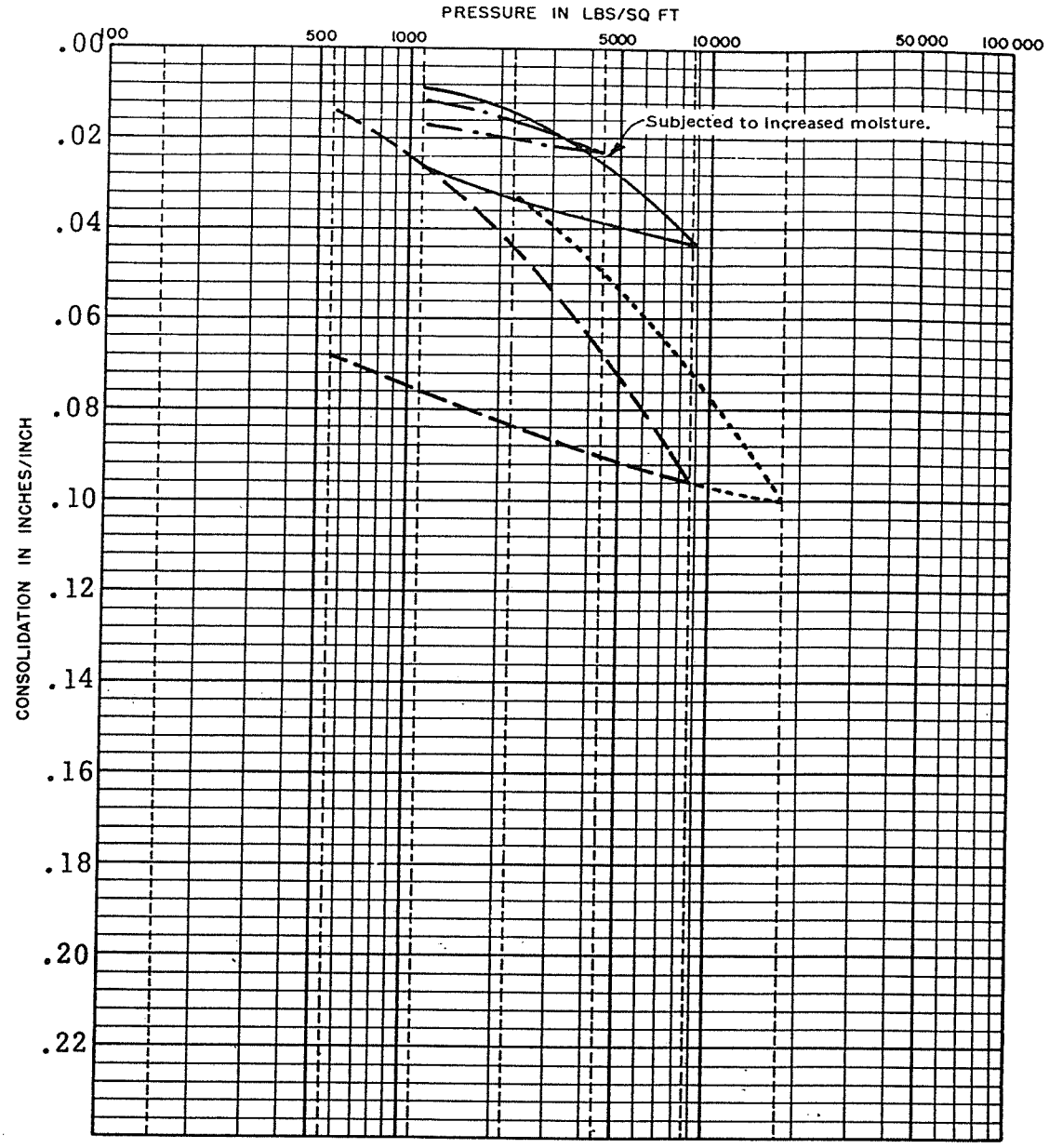
BORING 8

ELEVATION 188± Feet

% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	STRENGTH DATA: TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	MOISTURE-DENSITY DATA: NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	BLOWS/FOOT	DEPTH IN FEET	Description
										0	Brown silty clay (CL) (Stiff)
										5	Brown clayey silt (ML) (Stiff)
			DS	700	Natural	1900	12.8	103	20		
			DSX	1000	24.0	750	13.2	100	20	10	Brown sandy silt (ML) (Stiff)
			DSX	2500	20.8	1850	15.4	102			
			DS	1800	Natural	1000	29.2	91	7	15	Brown clayey silt (ML) (Moderately firm)
			DS	2400	Natural	1350	26.8	95	7	20	
							28.0	94	7	25	(Grading soft)
										30	Brown fine sand (SP) (Dense; caving soil)
							32.7	89	11		Brown clayey silt (ML) (Moderately firm)
										35	Gray silty clay (CH) (Moderately firm)
											Grayish-brown clayey silt (ML) (Moderately firm)
										40	
							23.3	102	12	45	(Grading brown and firm)
										50	
			DS	3000	Natural	2100	20.8	104	22	55	
										60	

BORING LOG

DRAWN BY BSK/mb DATE 8/1/72
CHECKED BY BK DATE 8/6/72

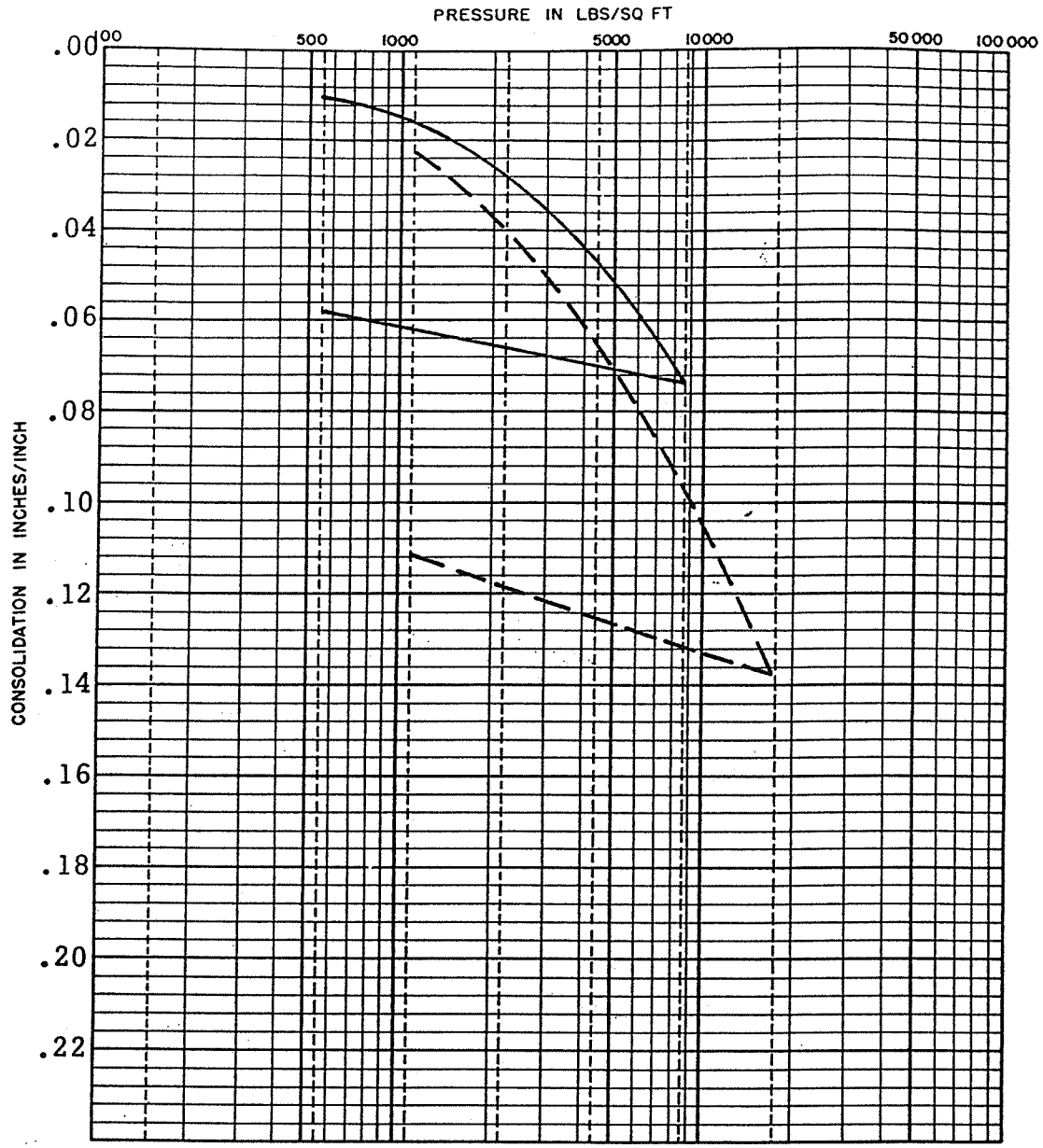


KEY	BORING	DEPTH (FT)	SOIL DESCRIPTION	SOIL TYPE	NATURAL MOISTURE CONTENT %	NATURAL DRY DENSITY (P.C.F.)	SPECIFIC GRAVITY
———	1	$8\frac{1}{2}$	Brown clayey silt	ML	22.6	99	
— — —	1	14	Brown clayey silt	ML	30.1	91	
·····	1	$79\frac{1}{2}$	Brown clayey silt	ML	25.2	102	
—·—	6	11	Brown sandy silt	ML	15.2	100	

LOCATION San Jose, California

CONSOLIDATION TEST DATA

CHECKED BY LSM DATE 9/6/72



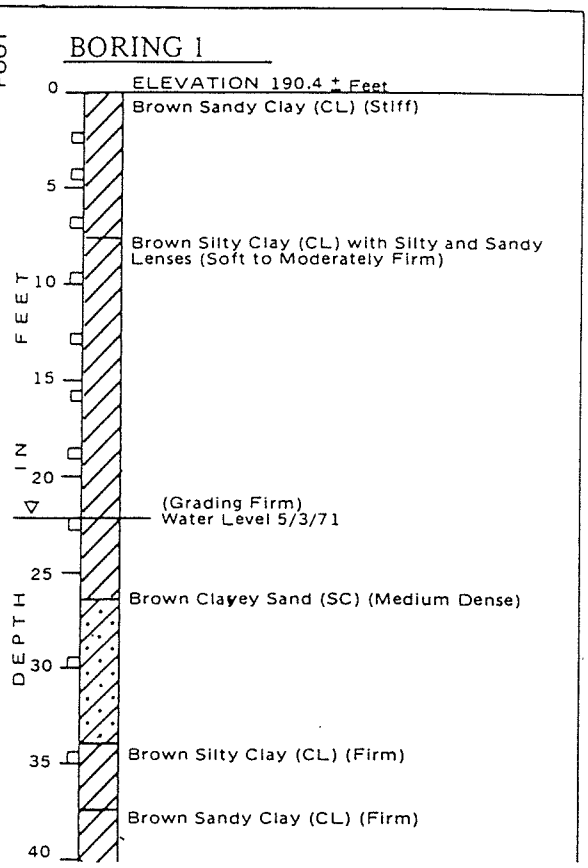
KEY	BORING	DEPTH (FT)	SOIL DESCRIPTION	SOIL TYPE	NATURAL MOISTURE CONTENT %	NATURAL DRY DENSITY (P.C.F.)	SPECIFIC GRAVITY
———	2	$12\frac{1}{2}$	Brown sandy silt	ML	21.8	95	
— — —	2	$17\frac{1}{2}$	Brown clayey silt	ML	25.2	100	

CONSOLIDATION TEST DATA

Revisions: By _____ Date _____ By _____ Date _____

By BSK/kw Date 5/12/71
Checked By _____
Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			DS	300	Natural	1500	15.4	110	
			DSX	300	17.2	900	15.9	110	19
			DS	500	Natural	1600	15.3	115	14
							21.1	103	7
			DS	1100	Natural	800	27.0	95	5
			DS	1500	Natural	900	21.5	98	6
							27.9	92	3
	31.6	14.6	DS	2200	Natural	700	24.2	99	7
	41.1	23.0	DS	2400	Natural	1050	28.8	94	6
			DS	1000	Natural	950	23.3	99	9
			DS	3000	Natural	2350	24.3	94	
			DS	3000	Natural	1800	26.9	95	8



Continued on Plate 2-B

FIELD NOTES

1. The borings were drilled on April 30 and May 3, 4 and 5, 1971 with truck-mounted, 5-inch-diameter, rotary-wash equipment.
2. The following symbol, □, denotes an undisturbed sample taken in a 2½-inch-diameter, split-tube barrel, driven into the soil by 335-pound slip jars falling 18± inches inside the boring.
   The following symbol, ⊡, denotes an attempted undisturbed sample with no recovery or with the sample partially disturbed.
3. Boring elevations are relative to City of San Jose Datum.

LABORATORY NOTES AND ABBREVIATIONS

The tabulated shear strengths are Yield Point values.

DS = Strain controlled direct shear test at natural moisture content.

DSX = Strain controlled direct shear test after the sample had been submerged in water until movement ceased under a surcharge equal to the test surcharge.

TR = Strain controlled, consolidated, undrained triaxial shear test at natural moisture content.

BORING LOG

PLATE 2-A

Revisions:

By _____ Date _____

By _____ Date _____

By BSK/pw Date 5/12/71

Checked By _____

Job Number 1252-A Name American Medical Enterprises Location San Jose, California

BORING 1 (continued)

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			TR	2000	Natural	1600	22.3	110	27
			TR	4900	Natural	3100			
			TR	3700	Natural	3700	15.0	119	45
			TR	4900	Natural	6400			
			DS	500	Natural	1100	19.4	104	22
			DS	3000	Natural	2350	14.8	109	
			DS	3000	Natural	1650	23.8	102	17
			DS	3000	Natural	1850	22.7	102	19
									50
							10.0	135	80/3"

DEPTH IN FEET: 40, 45, 50, 55, 60, 65, 70, 75, 80

Grayish-Brown Silty Sandy Gravel (GM) (Dense)

Brown Clayey Sand (SC) (Dense)

Grayish-Brown Sandy Clay (CL) (Firm)

(Grading Stiff)

Greenish-Gray Sandy Clay (CL) (Stiff)

(Grading Brown; some Small Gravel)

Brown Silty Sandy Gravel (GM) (Dense)

BORING LOG

Revisions: By _____ Date _____ By _____ Date _____

By BSK/pw Date 5/12/71
Checked By _____
Job Number 1252-A Name American Medical Enterprises Location San Jose, California

BORING 2

ELEVATION 191.4 ± Feet

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT	DEPTH IN FEET	
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT			
			DS	300	Natural	900	16.7	112	16	0	Brown Sandy Clay (CL) (Stiff)
							15.4	107	9	5	
			DS	1500	Natural	600	23.0	98	5		Brown Clayey Silt (ML) (Soft)
							20.0	90	7	10	Brown Silty Sand (SM) (Dense)
58.0			DS	500	Natural	350	29.7	92	6	15	Brown Silty Clay (CL) (Soft) (Lense of Sandy Silt)
	35.0	18.1					24.7	100	8	20	(Occasional Clayey Lenses)
	39.1	22.3					30.1	91	5	25	
			DS	3000	Natural	1600	22.0	103	6	30	(Lens of Silty Sand (SM))
			DS	3000	Natural	750	27.9	95	9	35	
							22.5	99	33	40	Grayish-Brown Fine to Medium Sand (SP) with some Gravel (Dense)
											Grayish-Brown Sandy Gravel (GP) (Dense)
							13.1	125	57	45	
										50	(Some Cobbles)

Continued on Plate 2-D

BORING LOG

Revisions:
By _____ Date _____
By _____ Date _____

Location San Jose, California

Name American Medical Enterprises

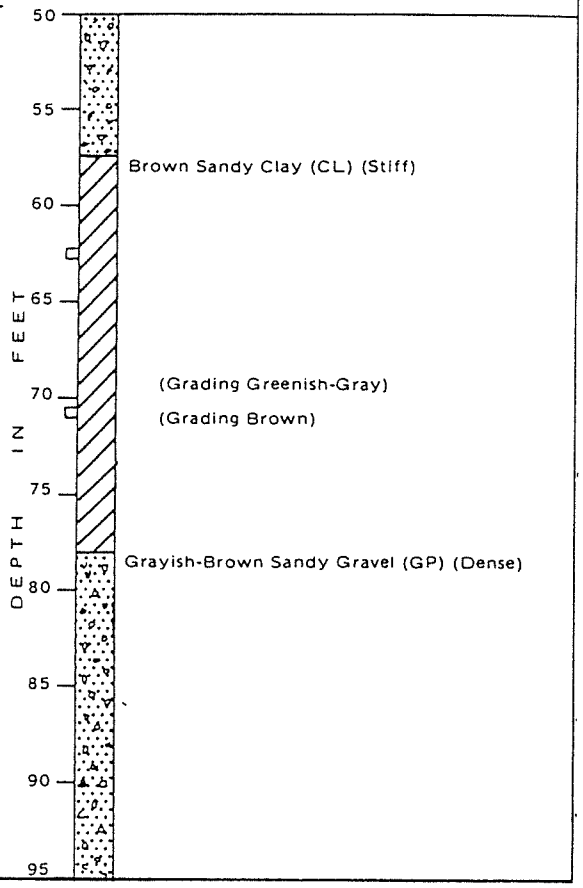
Job Number 1252-A

Checked By _____

By BSK/pw Date 5/12/71

BORING 2 (continued)

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (- NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			DS	3000	Natural	1900	21.6	104	27
			DS	3000	Natural	2500	22.5	104	20



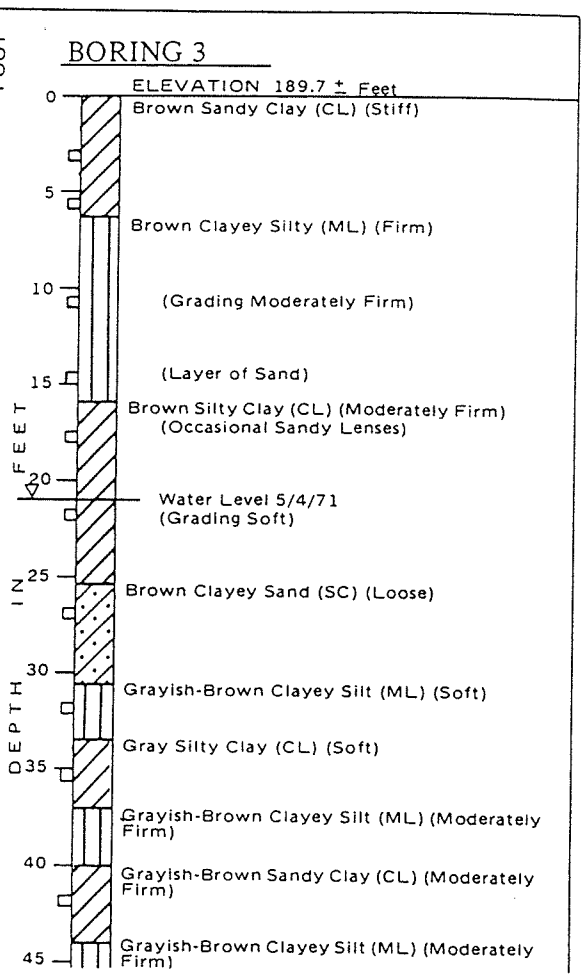
BORING LOG

PLATE 2-D

Revisions: By _____ Date _____ By _____ Date _____

By BSK/pw Date 5/12/71
Checked By _____
Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
							15.9	108	11
			DS	600	Natural	2700	13.0	119	19
			DS	1200	Natural	1150	20.3	97	10
							15.7	101	12
			DS	2000	Natural	800	27.2	95	8
	33.6	15.2	DS	2500	Natural	1250	30.0	92	7
			DS	2800	Natural	1000	29.1	94	4
			DS	3000	Natural	850	32.5	90	6
	42.5	26.5	DS	3000	Natural	850	29.6	92	7
			DS	3000	Natural	1200	21.2	106	7



Continued on Plate 2-F

BORING LOG

Revisions: By _____ Date _____ By _____ Date _____

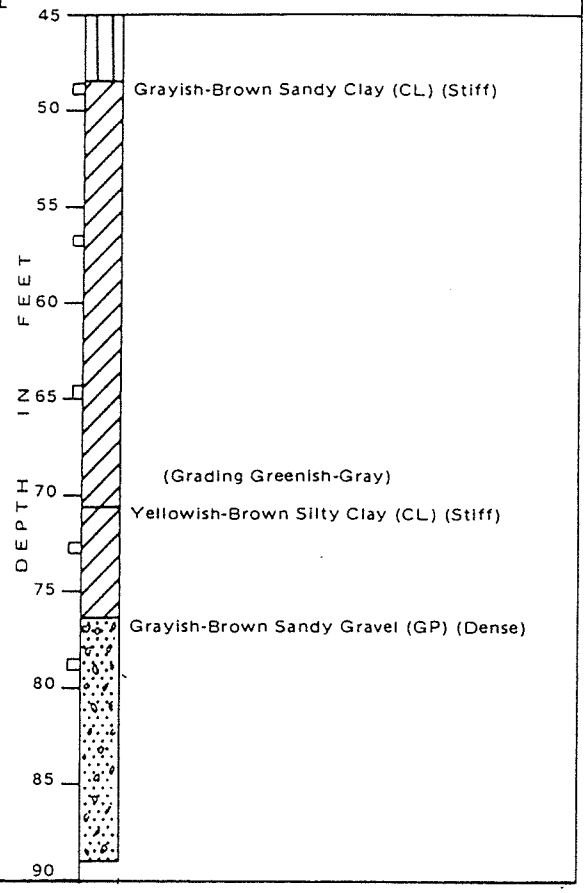
By BSK/pw Date 5/12/71

Checked By _____

Job Number 1252-A Name American Medical Enterprises Location San Jose, California

BORING 3 (continued)

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			DS	3000	Natural	2150	19.1	108	13
			DS	3000	Natural	1150	20.7	109	15
			DS	3000	Natural	1550	25.4	99	11
			DS	3000	Natural	2100	20.8	107	21
			TR TR	3700 7000	Natural Natural	4000 7100	10.5	128	70



BORING LOG

PLATE 2-F

Revisions:

By _____ Date _____

By _____ Date _____

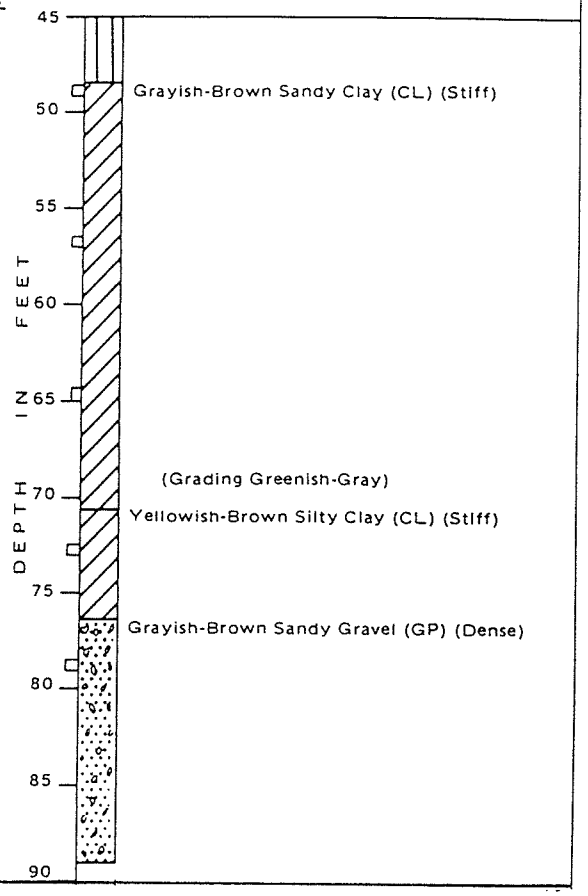
By BSK/pw Date 5/12/71

Checked By _____

Job Number 1252-A Name American Medical Enterprises Location San Jose, California

BORING 3 (continued)

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
			DS	3000	Natural	2150	19.1	108	13
			DS	3000	Natural	1150	20.7	109	15
			DS	3000	Natural	1550	25.4	99	11
			DS	3000	Natural	2100	20.8	107	21
			TR TR	3700 7000	Natural Natural	4000 7100	10.5	128	70



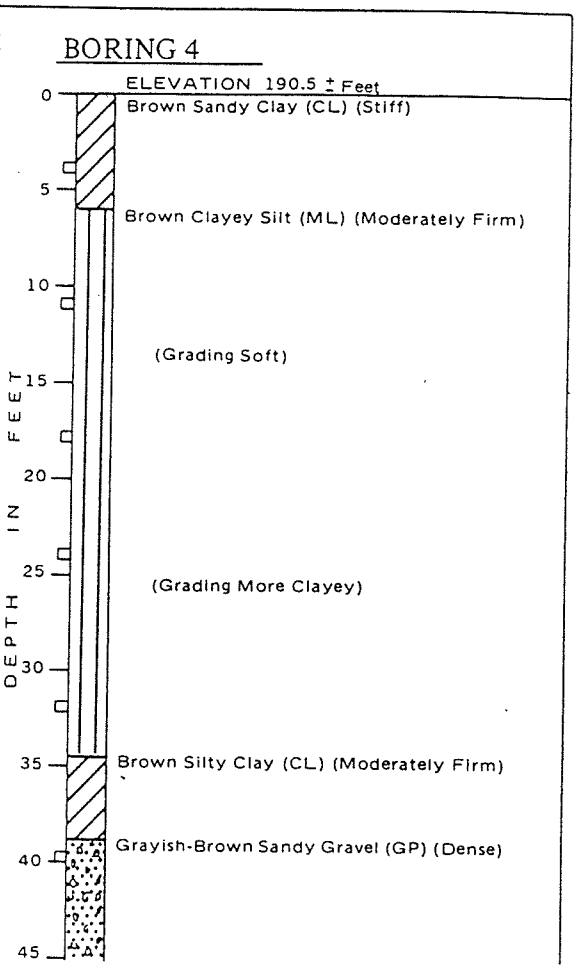
BORING LOG

PLATE 2-F

Revisions:
By _____ Date _____
By _____ Date _____

By BSK/pw Date 5/12/71
Checked By _____
Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
							17.0	106	16
			DS	1200	Natural	750	20.4	102	11
			DS	2100	Natural	750	31.5	91	3
			DS	500	Natural	600	28.7	93	6
							30.2	91	7
							10.8	128	46



Continued on Plate 2-H

BORING LOG

Revisions:

By _____ Date _____

By _____ Date _____

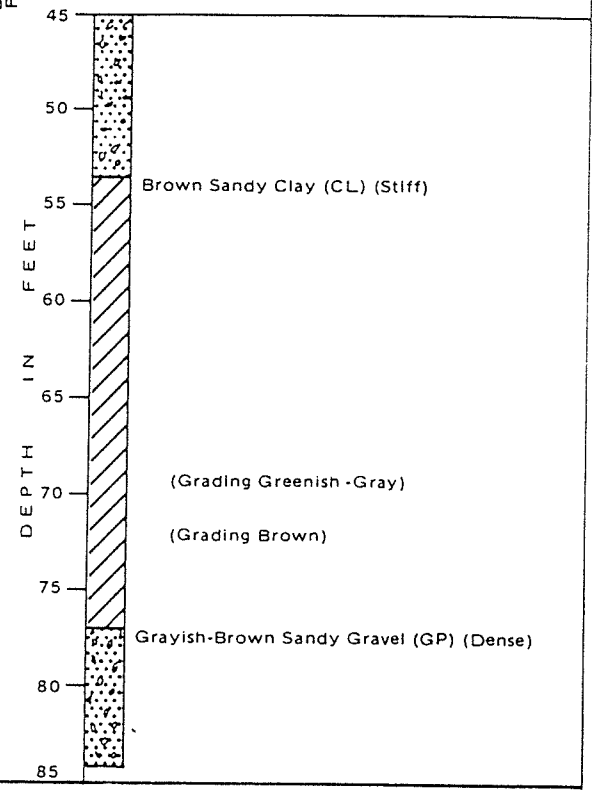
By BSK/pw Date 5/12/71

Checked By _____

Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	

BORING 4 (continued)



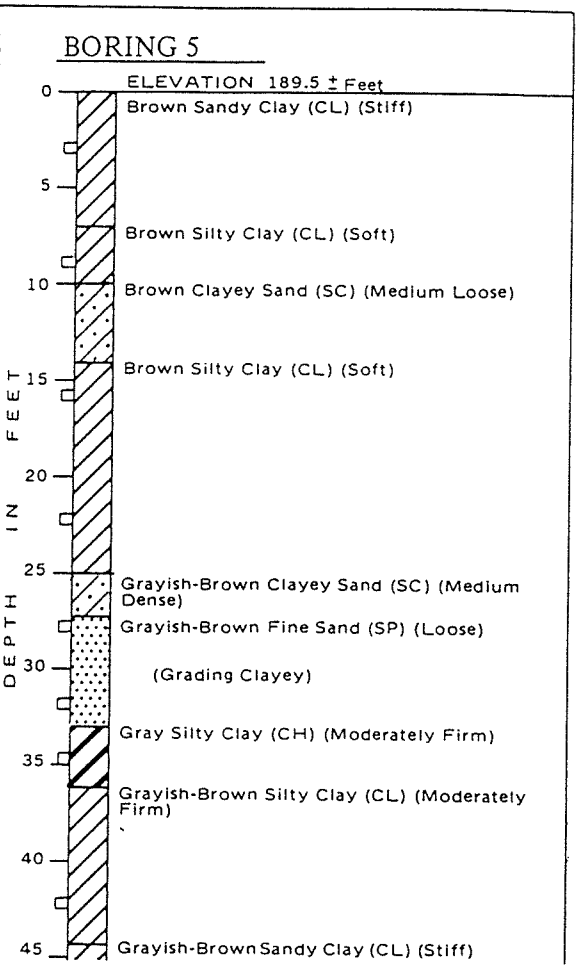
BORING LOG

PLATE 2-H

Revisions:
By _____ Date _____
By _____ Date _____

By BSK/pw Date 5/12/71
Checked By _____
Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
							15.9	112	26
							25.1	94	5
			DS	500	Natural	400	33.9	87	3
			DS	500	Natural	350	30.9	92	7
							19.4	105	12
							25.9	98	23
			DS	1000	Natural	550	29.6	93	
			DS	1000	Natural	550	13.8	114	11



Continued on Plate 2-J

BORING LOG

Revisions:

By _____ Date _____

By _____ Date _____

By BSK/pw Date 5/12/71

Checked By _____

Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT %	DRY DENSITY, LBS/CU FT	
			DS	2000	Natural	1500	23.6	101	15

BORING 5 (continued)

DEPTH IN FEET

45
50
55
60
65
70
75
80
85

(Grading Brown)

(Grading More Sandy)

Grayish-Brown Sandy Gravel (GP) (Dense)

BORING LOG

PLATE 9

Revisions:

By _____ Date _____

By _____ Date _____

By BSK/pw Date 5/12/71

Checked By _____

Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	
							16.3	112	21
			DS	500	Natural	400	21.2	99	12
			DS	1000	Natural	800	24.0	97	7
							32.0	89	5
			DS	1000	Natural	300	27.8	96	5
							20.3	101	17
							10.6	129	77

BORING 6

ELEVATION 191.0 ± Feet

DEPTH IN FEET

0 — Brown Sandy Clay (CL) (Stiff)

5

10 — Brown Clayey Silt (ML) (Soft)

15 — (Sandy Lens)

20 — Brown Silty Clay (CL) (Soft)

25 — Brown Clayey Silt (ML) (Moderately Firm)

30 — Grayish-Brown Silty Sand (SM) (Dense)

35 — Grayish-Brown Silty Clay (CL) (Moderately Firm)

Grayish-Brown Silty Sand (SM) (Dense)

40 — Grayish-Brown Sandy Gravel (GP) (Dense)

45

Continued on Plate 2-L

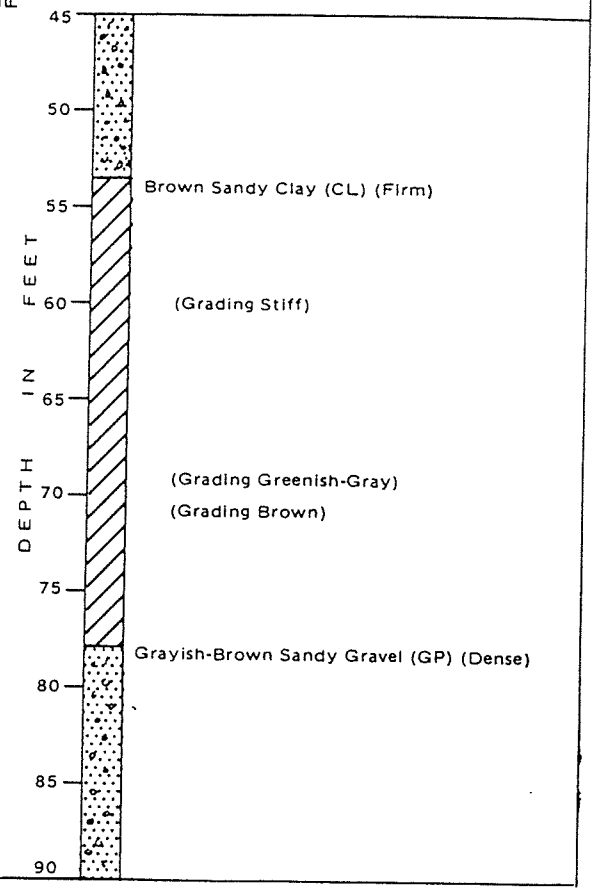
BORING LOG

Revisions:
By _____ Date _____
By _____ Date _____

By BSK/pw Date 5/12/71
Checked By _____
Job Number 1252-A Name American Medical Enterprises Location San Jose, California

CLASSIFICATION DATA			STRENGTH DATA				MOISTURE-DENSITY DATA		BLOWS/FOOT
% FINES (-NO. 200)	LIQUID LIMIT	PLASTICITY INDEX	TYPE OF STRENGTH TEST	TEST SURCHARGE PRESSURE, LBS/SQ FT	TEST MOISTURE CONTENT, %	SHEAR STRENGTH, LBS/SQ FT	NATURAL MOISTURE CONTENT, %	DRY DENSITY, LBS/CU FT	

BORING 6 (continued)



BORING LOG

PLATE 2-L

APPENDIX F

RESULTS OF LIQUEFACTION ANALYSES

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

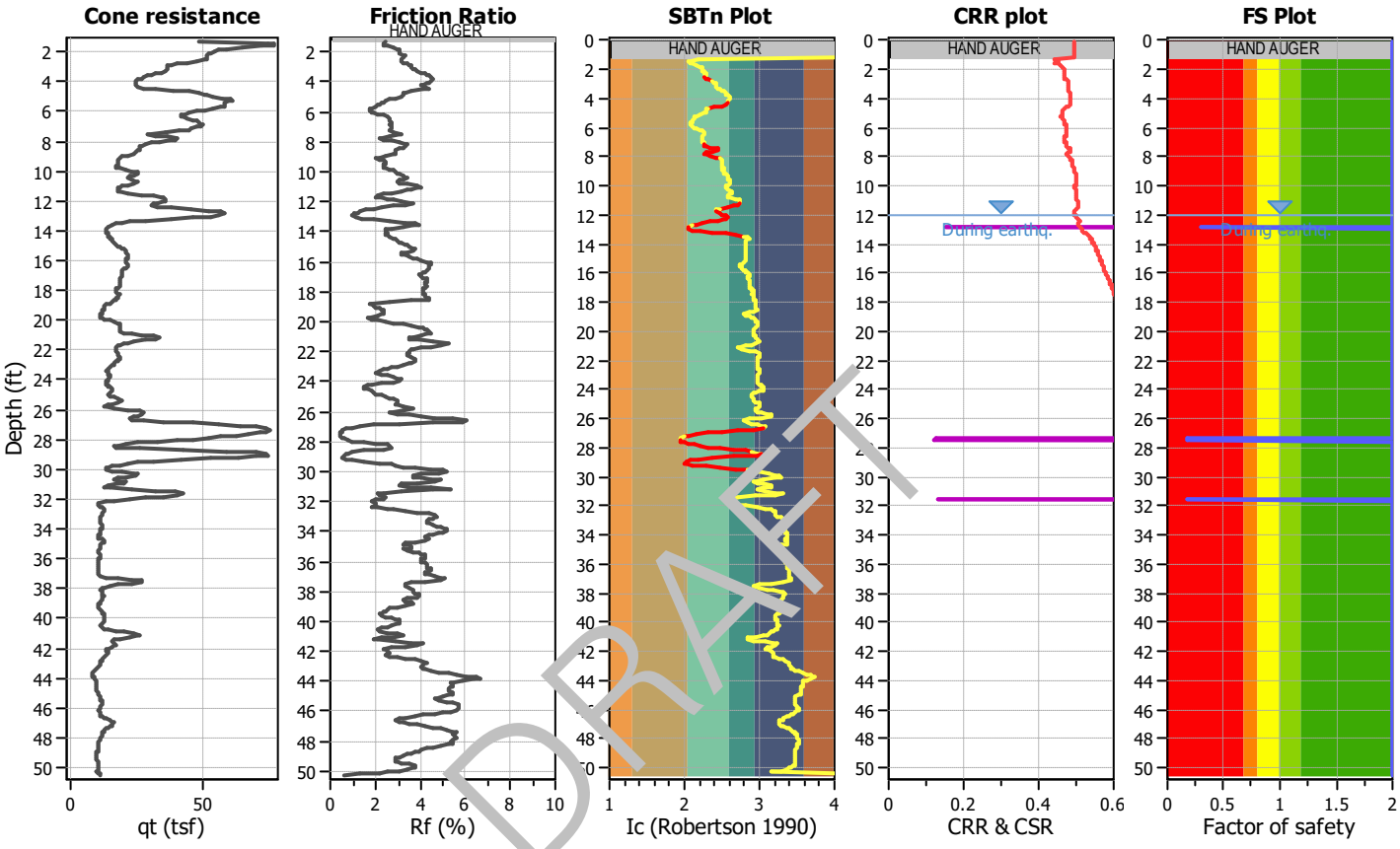
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-1

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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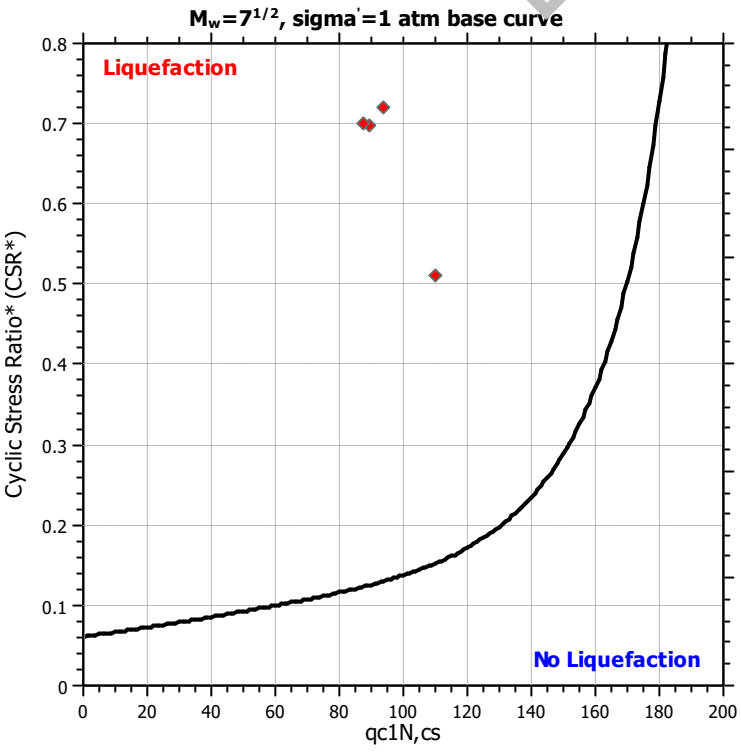
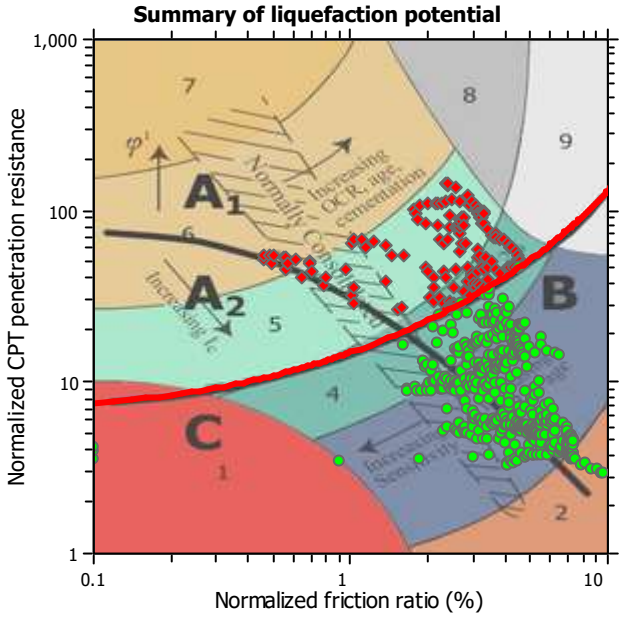
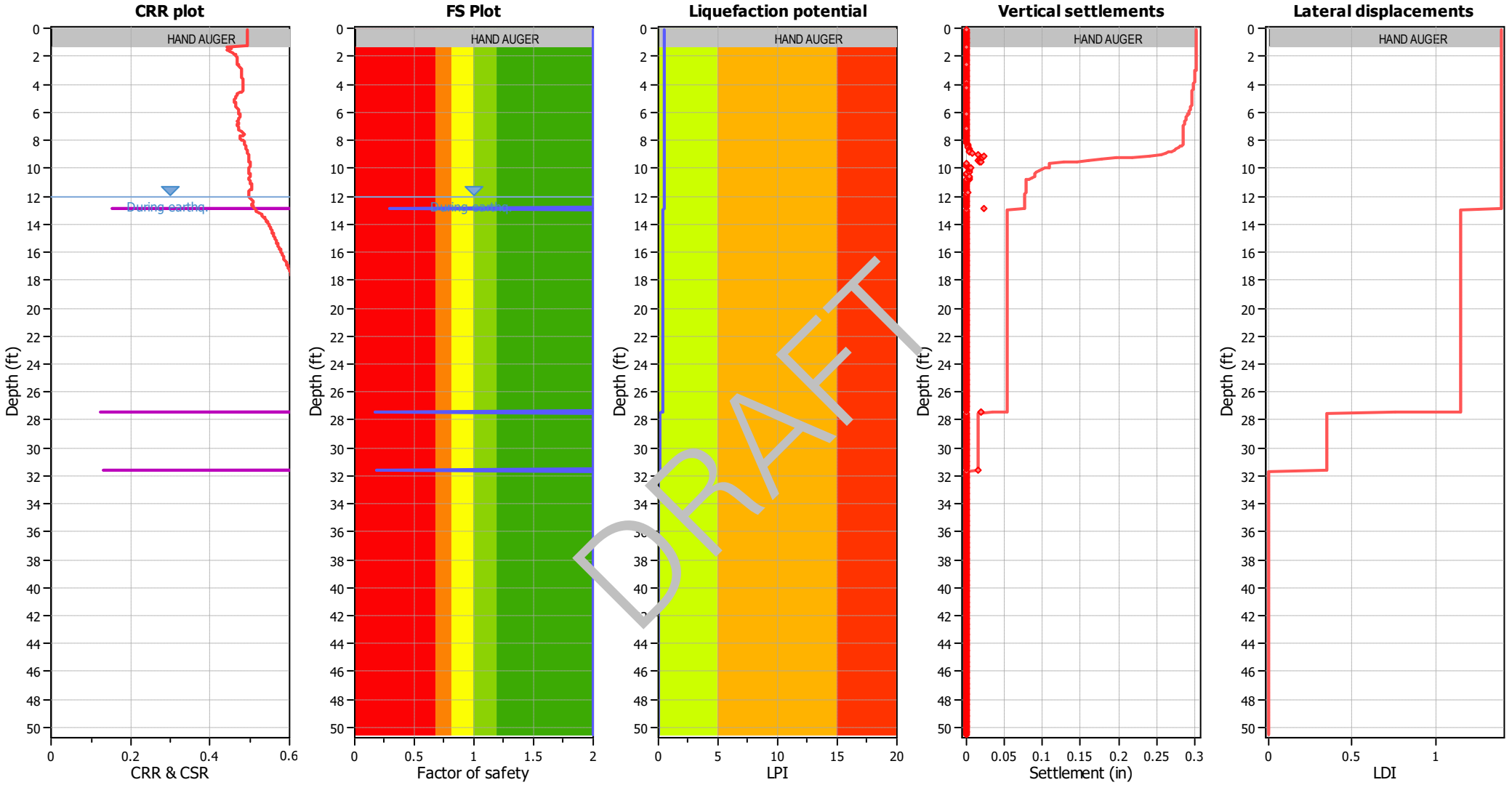




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-1, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.080	0.04
19	16	1.31	2.42	2.2	92.78	118.58	0	0	805	1	1	1	0	1	0	0.080	0.04
20	17	1.39	2.37	2.1	141.9	118.27	0	0	1240	1	1	1	0	1	0	0.080	0.04
21	18	1.48	2.34	2.1	146.16	125.22	0	0	1247	1	1	1	0	1	0	0.080	0.04
22	19	1.56	2.41	2.1	145.61	129.44	0	0	1322	1	1	1	0	1	0	0.080	0.04
23	20	1.64	2.58	2.1	137.01	116.87	0	0	1438	1	1	1	0	1	0	0.080	0.04
24	21	1.72	2.84	2.2	123.23	103.31	0	0	1607	1	1	1	0	1	0	0.080	0.04
25	22	1.8	2.98	2.2	112.47	94.32	0	0	1638	1	1	1	0	1	0	0.080	0.04
26	23	1.89	3.07	2.2	106.18	89.48	0	0	1659	1	1	0	0	1	0	0.080	0.04
27	24	1.97	3.07	2.2	102.81	87.32	0	0	1599	1	1	0	0	1	0	0.080	0.04
28	25	2.05	3.06	2.3	100.93	85.76	0	0	1553	1	1	0	0	1	0	0.080	0.04
29	26	2.13	3.1	2.3	99.16	84.73	0	0	1575	1	1	0	0	1	0	0.080	0.04
30	27	2.21	3.22	2.3	97.83	82.83	0	0	1719	1	1	0	0	1	0	0.080	0.04
31	28	2.3	3.32	2.3	97.14	82.4	0	0	1857	1	1	0	0	1	0	0.080	0.04
32	29	2.38	3.29	2.3	97.47	83.02	0	0	1817	1	1	0	0	1	0	0.080	0.04
33	30	2.46	3.19	2.3	97.48	83.72	0	0	1668	1	1	0	0	1	0	0.080	0.04
34	31	2.54	3.14	2.3	95.66	82.46	0	0	1564	1	1	0	0	1	0	0.080	0.04
35	32	2.62	3.18	2.3	90.94	78.4	0	0	1527	1	1	0	0	1	0	0.080	0.04
36	33	2.71	3.26	2.3	84.03	71.67	0	0	1491	1	1	0	0	1	0	0.080	0.04
37	34	2.79	3.4	2.4	76.92	64.86	0	0	1512	1	1	0	0	1	0	0.080	0.04
38	35	2.87	3.54	2.4	71.88	60.28	0	0	1569	1	1	0	0	1	0	0.080	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	3.61	2.4	69.81	58.88	0	0	1606	1	1	0	0	1	0	0.080	0.04
40	37	3.03	3.65	2.4	69.53	59.6	0	0	1653	1	1	0	0	1	0	0.080	0.04
41	38	3.12	3.69	2.4	69.54	59.6	0	0	1709	1	1	0	0	1	0	0.080	0.04
42	39	3.2	3.78	2.4	68.92	58.94	0	0	1822	1	1	0	0	1	0	0.080	0.04
43	40	3.28	3.92	2.5	67.15	58.06	0	0	1982	1	1	0	0	1	0	0.080	0.04
44	41	3.36	4.08	2.5	64.6	55.11	0	0	2155	1	1	0	0	1	0	0.080	0.04
45	42	3.44	4.24	2.5	61.31	52.47	0	0	2301	1	1	0	0	1	0	0.080	0.04
46	43	3.53	4.35	2.5	58.13	49.7	0	0	2352	1	1	0	0	1	0	0.080	0.04
47	44	3.61	4.45	2.6	55.1	47.01	0	0	2380	1	1	0	0	1	0	0.080	0.04
48	45	3.69	4.53	2.6	52.51	44.78	0	0	2384	1	1	0	0	1	0	0.080	0.04
49	46	3.77	4.57	2.6	50.18	43.14	0	0	2318	1	1	0	0	1	0	0.080	0.04
50	47	3.85	4.59	2.6	48.29	41.11	0	0	2237	1	1	0	0	1	0	0.080	0.04
51	48	3.94	4.55	2.6	46.83	39.98	0	0	2079	1	0	0	0	1	0	0.080	0.04
52	49	4.02	4.46	2.6	46.26	39.46	0	0	1902	1	0	0	0	1	0	0.080	0.04
53	50	4.1	4.32	2.6	46.13	39.67	0	0	1692	1	1	0	0	1	0	0.080	0.04
54	51	4.18	4.17	2.6	46.27	39.68	0	0	1504	1	1	0	0	1	0	0.080	0.04
55	52	4.26	4.1	2.6	46.61	39.84	0	0	1434	1	1	0	0	1	0	0.080	0.04
56	53	4.35	4.28	2.6	47.41	40.57	0	0	[illegible]	1	1	0	0	1	0	0.080	0.04
57	54	4.43	4.43	2.6	51.44	41.75	0	0	[illegible]	1	1	0	0	1	0	0.080	0.04
58	55	4.51	4.15	2.5	60.59	50.14	0	0	[illegible]	1	1	0	0	1	0	0.080	0.04
59	56	4.59	3.65	2.4	73.21	63.94	0	0	[illegible]	1	1	0	0	1	0	0.080	0.04
60	57	4.68	3.31	2.3	84.65	73.93	0	0	[illegible]	1	1	0	0	1	0	0.080	0.04
61	58	4.76	3.25	2.3	92	79.36	0	0	1643	1	1	0	0	1	0	0.080	0.04
62	59	4.84	3.31	2.3	95.93	81.94	0	0	1815	1	1	0	0	1	0	0.080	0.04
63	60	4.92	3.3	2.3	98.08	82.59	0	0	1846	1	1	0	0	1	0	0.080	0.04
64	61	5	3.14	2.3	102.35	83.04	0	0	1690	1	1	0	0	1	0	0.080	0.04
65	62	5.09	2.89	2.2	108.45	89.99	0	[illegible]	1454	1	1	1	0	1	0	0.080	0.04
66	63	5.17	2.65	2.2	114.18	94.34	0	0	1249	1	1	1	0	1	0	0.080	0.04
67	64	5.25	2.48	2.1	115.27	94.06	0	0	1086	1	1	1	0	1	0	0.080	0.04
68	65	5.33	2.36	2.1	113.11	91.38	0	0	956	1	1	1	0	1	0	0.080	0.04
69	66	5.41	2.28	2.1	110.67	89.15	0	0	868	1	1	1	0	1	0	0.080	0.04
70	67	5.5	2.2	2.1	110.03	88.18	0	0	803	1	1	1	0	1	0	0.080	0.04
71	68	5.58	2.13	2.1	110.32	89.09	0	0	756	1	1	1	0	1	0	0.080	0.04
72	69	5.66	1.99	2.1	110.62	88.97	0	0	668	1	1	1	0	1	0	0.080	0.04
73	70	5.74	1.85	2.1	107.44	88.16	0	0	568	1	1	1	0	1	0	0.080	0.04
74	71	5.82	1.77	2.1	102.02	81.96	0	0	498	1	1	1	0	1	0	0.080	0.04
75	72	5.91	1.78	2.1	95.31	76.73	0	0	465	1	1	1	0	1	0	0.080	0.04
76	73	5.99	1.84	2.1	90.12	72.78	0	0	460	1	1	1	0	1	0	0.080	0.04
77	74	6.07	1.97	2.2	85.15	69.28	0	0	485	1	1	1	0	1	0	0.080	0.04
78	75	6.15	2.16	2.2	81.55	64.56	0	0	548	1	1	1	0	1	0	0.080	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	2.41	2.2	79.19	63.52	0	0	662	1	1	1	0	1	0	0.080	0.04
80	77	6.32	2.58	2.3	79.28	62.88	0	0	771	1	1	1	0	1	0	0.080	0.04
81	78	6.4	2.67	2.3	80.63	63.42	0	0	852	1	1	1	0	1	0	0.080	0.04
82	79	6.48	2.67	2.3	83.73	65.26	0	0	891	1	1	1	0	1	0	0.080	0.04
83	80	6.56	2.66	2.2	87.88	68.24	0	0	934	1	1	1	0	1	0	0.080	0.04
84	81	6.64	2.71	2.2	90.33	70.87	0	0	1008	1	1	1	0	1	0	0.080	0.04
85	82	6.73	2.76	2.2	91.25	69.21	0	0	1066	1	1	1	0	1	0	0.080	0.04
86	83	6.81	2.75	2.2	91.23	69.84	0	0	1056	1	1	1	0	1	0	0.080	0.04
87	84	6.89	2.69	2.2	92.26	71.52	0	0	1015	1	1	1	0	1	0	0.080	0.04
88	85	6.97	2.7	2.2	90.16	72.55	0	0	997	1	1	1	0	1	0	0.080	0.04
89	86	7.05	2.72	2.3	87.01	65.71	0	0	974	1	1	1	0	1	0	0.080	0.04
90	87	7.14	2.76	2.3	82.39	64.77	0	0	946	1	1	1	0	1	0	0.080	0.04
91	88	7.22	2.63	2.3	80.21	62.43	0	0	817	1	1	1	0	1	0	0.080	0.04
92	89	7.3	2.65	2.3	73.39	62.02	0	0	748	1	1	1	0	1	0	0.080	0.04
93	90	7.38	2.81	2.4	64.72	49.14	0	0	738	1	1	1	0	1	0	0.080	0.04
94	91	7.46	3.18	2.4	55.33	41.46	0	0	834	1	1	0	0	1	0	0.080	0.04
95	92	7.55	3.14	2.5	53.13	39	0	0	764	1	1	0	0	1	0	0.080	0.04
96	93	7.63	2.68	2.4	57.42	44.51	0	0	[illegible]	1	1	1	0	1	0	0.080	0.04
97	94	7.71	2.3	2.3	63.78	53.77	0	0	62	1	1	1	0	1	0	0.080	0.04
98	95	7.79	2.21	2.3	68.23	56.87	0	0	[illegible]	1	1	1	0	1	0	0.080	0.04
99	96	7.87	2.4	2.3	67.84	56.37	0	0	545	1	1	1	0	1	0	0.080	0.04
100	97	7.96	2.72	2.4	64.1	51.95	0	0	[illegible]	1	1	1	0	1	0	0.080	0.04
101	98	8.04	3.09	2.4	58.7	46.38	0	0	832	1	1	0	0	1	0	0.080	0.04
102	99	8.12	3.37	2.5	53.69	42.01	0	0	943	1	1	0	0	1	0	0.080	0.04
103	100	8.2	3.51	2.5	50.04	39.39	0	0	967	1	1	0	0	1	0	0.080	0.04
104	101	8.28	3.44	2.5	47.23	37.65	0	0	843	1	1	0	0	1	0	0.080	0.04
105	102	8.37	3.28	2.5	45.36	35.86	0	[illegible]	697	1	1	0	0	1	0	0.080	0.04
106	103	8.45	3.09	2.5	44.38	35.76	0	0	574	1	1	0	0	1	0	0.080	0.04
107	104	8.53	2.97	2.5	43.41	36.09	0	0	502	1	1	1	0	1	0	0.080	0.04
108	105	8.61	2.95	2.5	42.11	34.13	0	0	473	1	1	1	0	1	0	0.080	0.04
109	106	8.69	2.97	2.5	41.02	32.88	0	0	463	1	1	1	0	1	0	0.080	0.04
110	107	8.78	2.98	2.5	40.75	33.58	0	0	463	1	1	1	0	1	0	0.080	0.04
111	108	8.86	2.84	2.5	38.95	33.71	0	0	384	1	1	1	0	1	0	0.080	0.04
112	109	8.94	2.52	2.5	35.67	29.01	0	0	254	1	1	1	0	1	0	0.080	0.04
113	110	9.02	2.24	2.5	31.55	26.42	0	0	163	1	1	1	0	1	0	0.080	0.04
114	111	9.1	2.11	2.5	29.36	24.2	0	0	128	1	1	1	0	1	0	0.080	0.04
115	112	9.19	2.28	2.6	28.44	23.89	0	0	141	1	1	1	0	1	0	0.080	0.04
116	113	9.27	2.42	2.6	28.27	23.77	0	0	158	1	1	1	0	1	0	0.080	0.04
117	114	9.35	2.5	2.6	28.33	23.56	0	0	170	1	1	1	0	1	0	0.080	0.04
118	115	9.43	2.5	2.6	28.47	23.95	0	0	172	1	1	1	0	1	0	0.080	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	2.48	2.6	28.13	24.3	0	0	165	1	1	1	0	1	0	0.080	0.04
120	117	9.6	2.49	2.6	27.39	22.85	0	0	159	1	0	1	0	1	0	0.080	0.04
121	118	9.68	2.47	2.6	26.59	22.2	0	0	148	1	0	1	0	1	0	0.080	0.04
122	119	9.76	2.55	2.6	26.75	22.42	0	0	160	1	0	1	0	1	0	0.080	0.04
123	120	9.84	2.7	2.6	28.47	23.25	0	0	205	1	0	1	0	1	0	0.080	0.04
124	121	9.92	2.89	2.6	31.77	26.49	0	0	292	1	1	1	0	1	0	0.080	0.04
125	122	10.01	2.99	2.6	35.39	30.64	0	0	378	1	1	1	0	1	0	0.080	0.04
126	123	10.09	3.03	2.6	37.4	32.5	0	0	426	1	1	0	0	1	0	0.080	0.04
127	124	10.17	3.11	2.6	37.27	31.81	0	0	454	1	1	0	0	1	0	0.080	0.04
128	125	10.25	3.31	2.6	35.48	30.45	0	0	500	1	1	0	0	1	0	0.080	0.04
129	126	10.33	3.46	2.6	33.65	27.84	0	0	522	1	0	0	0	1	0	0.080	0.04
130	127	10.42	3.49	2.6	32.23	27.15	0	0	500	1	0	0	0	1	0	0.080	0.04
131	128	10.5	3.35	2.6	32.03	27	0	0	439	1	0	0	0	1	0	0.080	0.04
132	129	10.58	3.17	2.6	33.5	27.71	0	0	405	1	0	0	0	1	0	0.080	0.04
133	130	10.66	3.06	2.6	35.72	31.32	0	0	408	1	1	0	0	1	0	0.080	0.04
134	131	10.74	3.15	2.6	36.55	33.07	0	0	456	1	1	0	0	1	0	0.080	0.04
135	132	10.83	3.5	2.6	34.41	29.97	0	0	560	1	0	0	0	1	0	0.080	0.04
136	133	10.91	3.96	2.7	30.62	25.55	0	0	479	1	0	0	0	1	0	0.080	0.04
137	134	10.99	4.13	2.7	27.59	23.05	0	0	350	1	0	0	0	1	0	0.080	0.04
138	135	11.07	3.98	2.7	26.08	22.3	0	0	5[illegible]3	1	0	0	0	1	0	0.080	0.04
139	136	11.15	3.74	2.7	25.34	22.01	0	0	401	1	0	0	0	1	0	0.080	0.04
140	137	11.24	3.51	2.7	24.72	21.52	0	0	315	1	0	0	0	1	0	0.080	0.04
141	138	11.32	3.26	2.7	24.31	21.05	0	0	246	1	0	0	0	1	0	0.080	0.04
142	139	11.4	2.85	2.7	25.41	21.34	0	0	189	1	0	1	0	1	0	0.080	0.04
143	140	11.48	2.41	2.6	29.24	24.94	0	0	166	1	1	1	0	1	0	0.080	0.04
144	141	11.56	2.12	2.5	35.32	31.83	0	0	175	1	1	1	0	1	0	0.080	0.04
145	142	11.65	2.1	2.4	41.03	38.28	0	0	215	1	1	1	0	1	0	0.080	0.04
146	143	11.73	2.28	2.4	44.35	40.57	0	0	282	1	1	1	0	1	0	0.080	0.04
147	144	11.81	2.56	2.4	46.04	40.62	0	0	381	1	1	1	0	1	0	0.080	0.04
148	145	11.89	2.88	2.5	46.67	42.36	0	0	513	1	1	1	0	1	0	0.080	0.04
149	146	11.97	3.25	2.5	46.69	41.83	0	0	707	1	1	0	0	1	0	0.080	0.04
150	147	12.06	3.64	2.5	45.45	40.27	0	0	947	1	1	0	0	1	0	0.080	0.04
151	148	12.14	3.77	2.6	42.75	38.75	0	0	969	1	1	0	0	1	0	0.080	0.04
152	149	12.22	3.42	2.6	40.22	34.83	0	0	662	1	1	0	0	1	0	0.080	0.04
153	150	12.3	2.86	2.5	38.98	34.33	0	0	391	1	1	1	0	1	0	0.080	0.04
154	151	12.38	2.36	2.5	40.76	36.5	0	0	268	1	1	1	0	1	0	0.080	0.04
155	152	12.47	1.97	2.4	46.92	40.73	0	0	230	1	1	1	0	1	0	0.080	0.04
156	153	12.55	1.62	2.2	54.92	52.17	0	0	205	1	1	1	0	1	0	0.080	0.04
157	154	12.63	1.38	2.2	62.71	59.87	0	0	194	1	1	1	0	1	0	0.080	0.04
158	155	12.71	1.22	2.1	66.95	63.85	0	0	181	1	1	1	0	1	0	0.080	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	1.1	2.1	68.43	65.39	0	0	166	1	1	1	0	1	0	0.080	0.04
160	157	12.88	1.02	2.1	67.56	65.26	0.02	0.24	151	1	1	1	0	1	0	0.080	0.04
161	158	12.96	1.01	2.1	65.05	62.25	0	0	143	1	1	1	0	1	0	0.060	0.04
162	159	13.04	1.15	2.1	61.4	58.46	0	0	152	1	1	1	0	1	0	0.060	0.04
163	160	13.12	1.45	2.2	54.46	54.12	0	0	173	1	1	1	0	1	0	0.060	0.04
164	161	13.21	2	2.4	44.61	41.37	0	0	220	1	1	1	0	1	0	0.060	0.04
165	162	13.29	2.75	2.6	34.18	29.57	0	0	291	1	1	1	0	1	0	0.060	0.04
166	163	13.37	3.47	2.7	26.99	24.41	0	0	361	1	0	0	0	1	0	0.060	0.04
167	164	13.45	3.92	2.8	23.05	21.28	0	0	383	1	0	0	0	1	0	0.060	0.04
168	165	13.53	4.13	2.8	20.19	18.7	0	0	331	1	0	0	0	1	0	0.060	0.04
169	166	13.62	3.93	2.9	18.12	16.65	0	0	206	1	0	0	0	1	0	0.060	0.04
170	167	13.7	3.41	2.9	16.74	15.83	0	0	100	1	0	0	0	1	0	0.060	0.04
171	168	13.78	2.86	2.8	15.98	15.19	0	0	51	1	0	1	1	1	0	0.060	0.04
172	169	13.86	2.64	2.8	15.43	14.87	0	0	36	1	0	1	1	1	0	0.060	0.04
173	170	13.94	2.64	2.8	15.04	14.49	0	0	31	1	0	1	1	1	0	0.060	0.04
174	171	14.03	2.68	2.8	14.82	14.19	0	0	29	1	0	1	1	1	0	0.060	0.04
175	172	14.11	2.62	2.8	14.99	14.31	0	0	30	1	0	1	1	1	0	0.060	0.04
176	173	14.19	2.58	2.8	15.46	15.05	0	0	34	1	0	1	1	1	0	0.060	0.04
177	174	14.27	2.68	2.8	15.88	15.61	0	0	43	1	0	1	1	1	0	0.060	0.04
178	175	14.35	2.84	2.8	16.07	15.49	0	0	52	1	0	1	1	1	0	0.060	0.04
179	176	14.44	3	2.8	16.23	15.62	0	0	62	1	0	0	1	1	0	0.060	0.04
180	177	14.52	3.06	2.8	16.62	16.05	0	0	72	1	0	0	1	1	0	0.060	0.04
181	178	14.6	3.12	2.8	17	16.66	0	0	83	1	0	0	0	1	0	0.060	0.04
182	179	14.68	3.2	2.8	17.26	16.77	0	0	94	1	0	0	0	1	0	0.060	0.04
183	180	14.76	3.31	2.8	17.51	16.83	0	0	109	1	0	0	0	1	0	0.060	0.04
184	181	14.85	3.48	2.8	18.07	17.42	0	0	140	1	0	0	0	1	0	0.060	0.04
185	182	14.93	3.6	2.8	18.79	18.38	0	0	175	1	0	0	0	1	0	0.060	0.04
186	183	15.01	3.73	2.8	19.6	18.94	0	0	220	1	0	0	0	1	0	0.060	0.04
187	184	15.09	3.82	2.8	20.37	19.78	0	0	263	1	0	0	0	1	0	0.060	0.04
188	185	15.17	3.93	2.8	20.98	20.61	0	0	310	1	0	0	0	1	0	0.060	0.04
189	186	15.26	3.85	2.8	21.47	20.75	0	0	307	1	0	0	0	1	0	0.060	0.04
190	187	15.34	3.59	2.8	21.81	21.31	0	0	257	1	0	0	0	1	0	0.060	0.04
191	188	15.42	3.34	2.8	22.07	21.76	0	0	214	1	0	0	0	1	0	0.060	0.04
192	189	15.5	3.27	2.7	22.21	21.68	0	0	204	1	0	0	0	1	0	0.060	0.04
193	190	15.58	3.44	2.8	22.26	21.82	0	0	237	1	0	0	0	1	0	0.060	0.04
194	191	15.67	3.67	2.8	22.3	21.93	0	0	289	1	0	0	0	1	0	0.060	0.04
195	192	15.75	3.87	2.8	22.25	21.83	0	0	339	1	0	0	0	1	0	0.060	0.04
196	193	15.83	4.08	2.8	21.94	21.71	0	0	391	1	0	0	0	1	0	0.060	0.04
197	194	15.91	4.27	2.8	21.54	21.15	0	0	437	1	0	0	0	1	0	0.060	0.04
198	195	15.99	4.54	2.9	21.28	20.78	0	0	527	1	0	0	0	1	0	0.060	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	4.69	2.9	21.18	21.03	0	0	588	1	0	0	0	1	0	0.060	0.04
200	197	16.16	4.7	2.9	21.34	20.95	0	0	603	1	0	0	0	1	0	0.060	0.04
201	198	16.24	4.61	2.9	21.55	21.37	0	0	575	1	0	0	0	1	0	0.060	0.04
202	199	16.32	4.55	2.8	21.63	21.8	0	0	553	1	0	0	0	1	0	0.060	0.04
203	200	16.4	4.56	2.9	21.21	21.32	0	0	532	1	0	0	0	1	0	0.060	0.04
204	201	16.49	4.57	2.9	20.35	20.29	0	0	483	1	0	0	0	1	0	0.060	0.04
205	202	16.57	4.55	2.9	19.54	19.44	0	0	426	1	0	0	0	1	0	0.060	0.04
206	203	16.65	4.45	2.9	19.13	19.11	0	0	370	1	0	0	0	1	0	0.060	0.04
207	204	16.73	4.35	2.9	19.05	19.21	0	0	338	1	0	0	0	1	0	0.060	0.04
208	205	16.81	4.24	2.9	19.01	19.32	0	0	307	1	0	0	0	1	0	0.060	0.04
209	206	16.9	4.2	2.9	18.83	19.12	0	0	289	1	0	0	0	1	0	0.060	0.04
210	207	16.98	4.25	2.9	18.49	18.81	0	0	285	1	0	0	0	1	0	0.060	0.04
211	208	17.06	4.36	2.9	18.07	18.43	0	0	289	1	0	0	0	1	0	0.060	0.04
212	209	17.14	4.5	2.9	17.8	17.98	0	0	308	1	0	0	0	1	0	0.060	0.04
213	210	17.22	4.54	2.9	17.67	18.12	0	0	311	1	0	0	0	1	0	0.060	0.04
214	211	17.31	4.52	2.9	17.57	18.14	0	0	300	1	0	0	0	1	0	0.060	0.04
215	212	17.39	4.44	2.9	17.42	17.8	0	0	273	1	0	0	0	1	0	0.060	0.04
216	213	17.47	4.44	2.9	17.09	17.8	0	0	254	1	0	0	0	1	0	0.060	0.04
217	214	17.55	4.49	2.9	16.94	17.27	0	0	256	1	0	0	0	1	0	0.060	0.04
218	215	17.63	4.55	2.9	16.79	17.46	0	0	260	1	0	0	0	1	0	0.060	0.04
219	216	17.72	4.49	2.9	16.69	17.44	0	0	242	1	0	0	0	1	0	0.060	0.04
220	217	17.8	4.4	2.9	16.28	17.08	0	0	203	1	0	0	0	1	0	0.060	0.04
221	218	17.88	4.36	2.9	15.64	16.34	0	0	163	1	0	0	0	1	0	0.060	0.04
222	219	17.96	4.39	3.0	15.15	15.62	0	0	141	1	0	0	0	1	0	0.060	0.04
223	220	18.04	4.4	3.0	15.13	15.69	0	0	141	1	0	0	0	1	0	0.060	0.04
224	221	18.13	4.41	2.9	15.53	16.35	0	0	164	1	0	0	0	1	0	0.060	0.04
225	222	18.21	4.45	2.9	15.97	16.88	0	0	194	1	0	0	0	1	0	0.060	0.04
226	223	18.29	4.52	2.9	16.16	17.13	0	0	216	1	0	0	0	1	0	0.060	0.04
227	224	18.37	4.58	2.9	15.98	17.07	0	0	216	1	0	0	0	1	0	0.060	0.04
228	225	18.45	4.66	3.0	15.57	16.48	0	0	203	1	0	0	0	1	0	0.060	0.04
229	226	18.54	4.68	3.0	15.03	16	0	0	170	1	0	0	0	1	0	0.060	0.04
230	227	18.62	3.82	2.9	14.57	15.47	0	0	69	1	0	0	1	1	0	0.060	0.04
231	228	18.7	2.87	2.9	14.02	15.15	0	0	23	1	0	1	1	1	0	0.060	0.04
232	229	18.78	1.92	2.8	13.32	14.36	0	0	5	1	0	1	1	1	0	0.060	0.04
233	230	18.86	1.96	2.8	12.32	13.36	0	0	-1	1	0	1	1	1	0	0.060	0.04
234	231	18.95	2.08	2.9	11.4	12.17	0	0	-8	1	0	1	1	1	0	0.060	0.04
235	232	19.03	2.23	2.9	10.66	11.65	0	0	-16	1	0	1	1	1	0	0.060	0.04
236	233	19.11	2.37	2.9	10.3	11.15	0	0	-21	1	0	1	1	1	0	0.060	0.04
237	234	19.19	2.47	3.0	10.12	11.1	0	0	-25	1	0	1	1	1	0	0.060	0.04
238	235	19.27	2.56	3.0	10.09	11.12	0	0	-27	1	0	1	1	1	0	0.060	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	2.63	3.0	9.91	11.09	0	0	-31	1	0	1	1	1	0	0.060	0.04
240	237	19.44	2.66	3.0	9.6	10.57	0	0	-36	1	0	1	1	1	0	0.060	0.04
241	238	19.52	2.54	3.0	9.23	10.22	0	0	-36	1	0	1	1	1	0	0.060	0.04
242	239	19.6	2.3	3.0	8.96	9.96	0	0	-32	1	0	1	1	1	0	0.060	0.04
243	240	19.68	2	3.0	8.77	9.75	0	0	-26	1	0	1	1	1	0	0.060	0.04
244	241	19.77	1.9	2.9	8.79	9.65	0	0	-23	1	0	1	1	1	0	0.060	0.04
245	242	19.85	2	2.9	9.27	10.04	0	0	-22	1	0	1	1	1	0	0.060	0.04
246	243	19.93	2.3	2.9	10.22	11.28	0	0	-21	1	0	1	1	1	0	0.060	0.04
247	244	20.01	2.68	2.9	11.55	12.65	0	0	-12	1	0	1	1	1	0	0.060	0.04
248	245	20.09	3.06	2.9	12.99	14.25	0	0	9	1	0	0	1	1	0	0.060	0.04
249	246	20.18	3.46	2.9	14.19	15.83	0	0	42	1	0	0	1	1	0	0.060	0.04
250	247	20.26	3.84	2.9	14.9	16.52	0	0	81	1	0	0	0	1	0	0.060	0.04
251	248	20.34	4.19	2.9	15.03	16.56	0	0	115	1	0	0	0	1	0	0.060	0.04
252	249	20.42	4.42	3.0	14.85	16.32	0	0	128	1	0	0	0	1	0	0.060	0.04
253	250	20.5	4.54	3.0	14.68	16.03	0	0	131	1	0	0	0	1	0	0.060	0.04
254	251	20.59	4.6	3.0	14.48	16.12	0	0	125	1	0	0	0	1	0	0.060	0.04
255	252	20.67	4.69	3.0	14.31	15.75	0	0	123	1	0	0	0	1	0	0.060	0.04
256	253	20.75	4.75	3.0	14.49	15.6	0	0	141	1	0	0	0	1	0	0.060	0.04
257	254	20.83	4.61	3.0	15.68	16.8	0	0	202	1	0	0	0	1	0	0.060	0.04
258	255	20.92	4.25	2.9	17.97	19.66	0	0	2[illegible]0	1	0	0	0	1	0	0.060	0.04
259	256	21	3.87	2.8	21.25	23.12	0	0	305	1	0	0	0	1	0	0.060	0.04
260	257	21.08	3.63	2.7	24.75	27.36	0	0	349	1	0	0	0	1	0	0.060	0.04
261	258	21.16	3.65	2.7	26.89	31.02	0	0	417	1	0	0	0	1	0	0.060	0.04
262	259	21.24	4.08	2.8	25.49	30.29	0	0	537	1	0	0	0	1	0	0.060	0.04
263	260	21.33	4.82	2.9	21.79	23.43	0	0	697	1	0	0	0	1	0	0.060	0.04
264	261	21.41	5.55	3.0	18.1	19.64	0	0	742	1	0	0	0	1	0	0.060	0.04
265	262	21.49	5.58	3.0	16.17	18.39	0	0	497	1	0	0	0	1	0	0.060	0.04
266	263	21.57	5.23	3.0	14.88	17.24	0	0	246	1	0	0	0	1	0	0.060	0.04
267	264	21.65	4.77	3.0	13.9	15.51	0	0	101	1	0	0	0	1	0	0.060	0.04
268	265	21.74	4.32	3.0	13.14	15.24	0	0	32	1	0	0	1	1	0	0.060	0.04
269	266	21.82	3.98	3.0	12.77	14.81	0	0	10	1	0	0	1	1	0	0.060	0.04
270	267	21.9	3.85	3.0	12.43	14.34	0	0	-2	1	0	0	1	1	0	0.060	0.04
271	268	21.98	3.81	3.0	12.3	14.17	0	0	-7	1	0	0	1	1	0	0.060	0.04
272	269	22.06	3.75	3.0	12.37	14.42	0	0	-4	1	0	0	1	1	0	0.060	0.04
273	270	22.15	3.69	3.0	12.55	14.62	0	0	1	1	0	0	1	1	0	0.060	0.04
274	271	22.23	3.74	3.0	12.6	14.81	0	0	3	1	0	0	1	1	0	0.060	0.04
275	272	22.31	3.84	3.0	12.81	14.63	0	0	11	1	0	0	1	1	0	0.060	0.04
276	273	22.39	3.9	3.0	12.93	15.31	0	0	15	1	0	0	1	1	0	0.060	0.04
277	274	22.47	4.02	3.0	13.08	15.24	0	0	23	1	0	0	1	1	0	0.060	0.04
278	275	22.56	4.07	3.0	13.07	15.16	0	0	23	1	0	0	1	1	0	0.060	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	4.08	3.0	12.81	15.33	0	0	13	1	0	0	1	1	0	0.060	0.04
280	277	22.72	3.93	3.0	12.32	14.44	0	0	-7	1	0	0	1	1	0	0.060	0.04
281	278	22.8	3.77	3.0	11.8	13.62	0	0	-22	1	0	0	1	1	0	0.060	0.04
282	279	22.88	3.51	3.0	11.49	13.64	0	0	-26	1	0	0	1	1	0	0.060	0.04
283	280	22.97	3.24	3.0	11.21	13.47	0	0	-26	1	0	0	1	1	0	0.060	0.04
284	281	23.05	2.96	3.0	10.79	12.77	0	0	-28	1	0	1	1	1	0	0.060	0.04
285	282	23.13	2.78	3.0	10.23	12.27	0	0	-31	1	0	1	1	1	0	0.060	0.04
286	283	23.21	2.6	3.0	9.7	11.62	0	0	-33	1	0	1	1	1	0	0.060	0.04
287	284	23.29	2.41	3.0	9.29	11.01	0	0	-32	1	0	1	1	1	0	0.060	0.04
288	285	23.38	2.26	3.0	9.08	10.87	0	0	-30	1	0	1	1	1	0	0.060	0.04
289	286	23.46	2.27	3.0	9.17	10.9	0	0	-29	1	0	1	1	1	0	0.060	0.04
290	287	23.54	2.54	3.0	9.41	11.27	0	0	-34	1	0	1	1	1	0	0.060	0.04
291	288	23.62	2.83	3.0	9.64	11.62	0	0	-41	1	0	1	1	1	0	0.060	0.04
292	289	23.7	3.12	3.0	9.72	11.66	0	0	-51	1	0	0	1	1	0	0.060	0.04
293	290	23.79	3.3	3.0	9.68	11.51	0	0	-61	1	0	0	1	1	0	0.060	0.04
294	291	23.87	3.47	3.1	9.45	11.48	0	0	-76	1	0	0	1	1	0	0.060	0.04
295	292	23.95	3.41	3.1	9.23	10.89	0	0	-77	1	0	0	1	1	0	0.060	0.04
296	293	24.03	3.07	3.0	8.98	10.78	0	0	-62	1	0	0	1	1	0	0.060	0.04
297	294	24.11	2.55	3.0	8.87	10.64	0	0	41	1	0	1	1	1	0	0.060	0.04
298	295	24.2	2.07	3.0	8.79	10.5	0	0	-7	1	0	1	1	1	0	0.060	0.04
299	296	24.28	1.82	2.9	8.75	10.5	0	0	-22	1	0	1	1	1	0	0.060	0.04
300	297	24.36	1.67	2.9	8.92	10.5	0	0	18	1	0	1	1	1	0	0.060	0.04
301	298	24.44	1.66	2.9	9.13	11.06	0	0	-17	1	0	1	1	1	0	0.060	0.04
302	299	24.52	1.8	2.9	9.42	11.18	0	0	-18	1	0	1	1	1	0	0.060	0.04
303	300	24.61	2.02	2.9	9.81	11.44	0	0	-19	1	0	1	1	1	0	0.060	0.04
304	301	24.69	2.12	2.9	10.15	12.36	0	0	-18	1	0	1	1	1	0	0.060	0.04
305	302	24.77	2.15	2.9	10.14	12.36	0	0	-19	1	0	1	1	1	0	0.060	0.04
306	303	24.85	2.26	2.9	9.65	11.48	0	0	-25	1	0	1	1	1	0	0.060	0.04
307	304	24.93	2.49	3.0	9.02	10.81	0	0	-37	1	0	1	1	1	0	0.060	0.04
308	305	25.02	2.69	3.0	8.91	10.33	0	0	-46	1	0	1	1	1	0	0.060	0.04
309	306	25.1	2.89	3.0	9.35	11.14	0	0	-48	1	0	1	1	1	0	0.060	0.04
310	307	25.18	3.05	3.0	10.3	12.31	0	0	-38	1	0	0	1	1	0	0.060	0.04
311	308	25.26	3.22	3.0	11.28	13.64	0	0	-25	1	0	0	1	1	0	0.060	0.04
312	309	25.34	3.27	3.0	12.13	14.8	0	0	-8	1	0	0	1	1	0	0.060	0.04
313	310	25.43	3.25	3.0	12.13	15.65	0	0	-8	1	0	0	1	1	0	0.060	0.04
314	311	25.51	3.19	3.0	11.36	14	0	0	-22	1	0	0	1	1	0	0.060	0.04
315	312	25.59	3.33	3.0	9.92	12.33	0	0	-57	1	0	0	1	1	0	0.060	0.04
316	313	25.67	3.65	3.1	8.6	10.72	0	0	-113	1	0	0	1	1	0	0.060	0.04
317	314	25.75	4.17	3.2	7.79	9.44	0	0	-210	1	0	0	1	1	0	0.060	0.04
318	315	25.84	4.17	3.2	8.21	9.5	0	0	-191	1	0	0	1	1	0	0.060	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	3.57	3.0	10.39	12.14	0	0	-57	1	0	0	1	1	0	0.060	0.04
320	317	26	2.92	2.9	13.82	17.04	0	0	21	1	0	1	1	1	0	0.060	0.04
321	318	26.08	2.79	2.8	16.81	21.63	0	0	60	1	0	1	1	1	0	0.060	0.04
322	319	26.16	3.13	2.8	18.09	22.57	0	0	104	1	0	0	0	1	0	0.060	0.04
323	320	26.25	3.71	2.9	17.7	21.82	0	0	158	1	0	0	0	1	0	0.060	0.04
324	321	26.33	4.31	2.9	17.04	20.75	0	0	227	1	0	0	0	1	0	0.060	0.04
325	322	26.41	4.93	3.0	16.13	20.36	0	0	297	1	0	0	0	1	0	0.060	0.04
326	323	26.49	5.8	3.0	15.01	18.66	0	0	402	1	0	0	0	1	0	0.060	0.04
327	324	26.57	6.5	3.1	14.19	16.86	0	0	456	1	0	0	0	1	0	0.060	0.04
328	325	26.66	6.29	3.1	14.56	17.48	0	0	476	1	0	0	0	1	0	0.060	0.04
329	326	26.74	4.8	2.9	17.57	20.05	0	0	375	1	0	0	0	1	0	0.060	0.04
330	327	26.82	3.19	2.7	23.08	27.77	0	0	208	1	0	0	0	1	0	0.060	0.04
331	328	26.9	2.04	2.5	31.11	36.24	0	0	133	1	1	1	0	1	0	0.060	0.04
332	329	26.98	1.37	2.3	39	45.69	0	0	102	1	1	1	0	1	0	0.060	0.04
333	330	27.07	0.95	2.2	45.89	52.09	0	0	86	1	1	1	0	1	0	0.060	0.04
334	331	27.15	0.69	2.1	50.9	56.46	0	0	77	1	1	1	1	1	0	0.060	0.04
335	332	27.23	0.56	2.0	53.87	59.32	0	0	73	1	1	1	1	1	0	0.060	0.04
336	333	27.31	0.5	2.0	55.31	59.59	0	0	71	1	1	1	1	1	0	0.060	0.04
337	334	27.39	0.48	2.0	55.31	59.78	0.02	0.39	69	1	1	1	1	1	0.02	0.060	0.04
338	335	27.48	0.46	2.0	54.19	58.84	0.02	0.41	66	1	1	1	1	1	0.02	0.040	0.02
339	336	27.56	0.46	2.0	52.29	55.85	0	0	63	1	1	1	1	1	0	0.020	0
340	337	27.64	0.49	2.0	49	54.21	0	0	60	1	1	1	1	1	0	0.020	0
341	338	27.72	0.56	2.1	45.05	49.5	0	0	57	1	1	1	1	1	0	0.020	0
342	339	27.8	0.64	2.1	40.4	44.74	0	0	53	1	1	1	1	1	0	0.020	0
343	340	27.89	0.78	2.2	36.27	40.66	0	0	52	1	1	1	1	1	0	0.020	0
344	341	27.97	1.01	2.3	31.84	37.54	0	0	53	1	1	1	1	1	0	0.020	0
345	342	28.05	1.51	2.5	26.79	31.78	0	0	62	1	1	1	1	1	0	0.020	0
346	343	28.13	2.1	2.7	20.83	25.67	0	0	63	1	0	1	1	1	0	0.020	0
347	344	28.21	2.67	2.8	15.76	18.71	0	0	41	1	0	1	1	1	0	0.020	0
348	345	28.3	2.84	2.9	12.51	15.15	0	0	0	1	0	1	1	1	0	0.020	0
349	346	28.38	2.97	3.0	10.46	14.09	0	0	-33	1	0	1	1	1	0	0.020	0
350	347	28.46	3.01	3.0	9.44	11.37	0	0	-51	1	0	0	1	1	0	0.020	0
351	348	28.54	2.67	3.0	9.91	11.49	0	0	-32	1	0	1	1	1	0	0.020	0
352	349	28.63	1.61	2.7	16.48	15.72	0	0	19	1	0	1	1	1	0	0.020	0
353	350	28.71	1.03	2.4	28.51	33.84	0	0	44	1	1	1	1	1	0	0.020	0
354	351	28.79	0.8	2.2	41.03	50.25	0	0	63	1	1	1	1	1	0	0.020	0
355	352	28.87	0.7	2.1	49.43	54.87	0	0	74	1	1	1	1	1	0	0.020	0
356	353	28.95	0.61	2.0	52.64	59.58	0	0	74	1	1	1	1	1	0	0.020	0
357	354	29.04	0.55	2.0	53.22	59.17	0	0	71	1	1	1	1	1	0	0.020	0
358	355	29.12	0.57	2.0	49.89	55.92	0	0	66	1	1	1	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	0.7	2.1	44.04	49.6	0	0	63	1	1	1	1	1	0	0.020	0
360	357	29.28	1.03	2.3	35.77	42.39	0	0	64	1	1	1	1	1	0	0.020	0
361	358	29.36	1.57	2.5	27.13	31.67	0	0	68	1	1	1	1	1	0	0.020	0
362	359	29.45	2.29	2.7	19.66	23.13	0	0	64	1	0	1	1	1	0	0.020	0
363	360	29.53	2.9	2.8	15.21	18.36	0	0	41	1	0	1	1	1	0	0.020	0
364	361	29.61	3.15	2.9	12.85	16.77	0	0	7	1	0	0	1	1	0	0.020	0
365	362	29.69	3.58	3.0	10.87	14.56	0	0	-45	1	0	0	1	1	0	0.020	0
366	363	29.77	4.23	3.1	9.05	11.2	0	0	-161	1	0	0	1	1	0	0.020	0
367	364	29.86	5.06	3.2	7.82	10.13	0	0	-424	1	0	0	1	1	0	0.020	0
368	365	29.94	5.77	3.3	7.27	10.1	0	0	-819	1	0	0	1	1	0	0.020	0
369	366	30.02	5.97	3.3	7.42	9.2	0	0	-925	1	0	0	1	1	0	0.020	0
370	367	30.1	5.42	3.2	8.63	10.68	0	0	-464	1	0	0	1	1	0	0.020	0
371	368	30.18	4.44	3.1	11.18	14.49	0	0	-73	1	0	0	1	1	0	0.020	0
372	369	30.27	3.94	3.0	13.91	18.51	0	0	52	1	0	0	1	1	0	0.020	0
373	370	30.35	3.94	2.9	15.09	20.7	0	0	95	1	0	0	0	1	0	0.020	0
374	371	30.43	4.33	3.0	14.43	18.88	0	0	98	1	0	0	0	1	0	0.020	0
375	372	30.51	4.88	3.1	12.15	16.15	0	0	-28	1	0	0	1	1	0	0.020	0
376	373	30.59	5.46	3.2	10	12.4	0	0	-209	1	0	0	1	1	0	0.020	0
377	374	30.68	5.21	3.2	9.33	11.02	0	0	-223	1	0	0	1	1	0	0.020	0
378	375	30.76	4.27	3.1	10.67	13.74	0	0	-[illegible]3	1	0	0	1	1	0	0.020	0
379	376	30.84	3.49	3.0	12.07	17.35	0	0	-11[illegible]	1	0	0	1	1	0	0.020	0
380	377	30.92	3.35	3.0	11.72	16.19	0	0	18	1	0	0	1	1	0	0.020	0
381	378	31	3.9	3.1	9.88	12.52	0	0	-93	1	0	0	1	1	0	0.020	0
382	379	31.09	5.14	3.2	7.78	10.62	0	0	-456	1	0	0	1	1	0	0.020	0
383	380	31.17	6.19	3.3	6.85	8.54	0	0	-1213	1	0	0	1	1	0	0.020	0
384	381	31.25	5.22	3.2	8.32	9.18	0	0	-429	1	0	0	1	1	0	0.020	0
385	382	31.33	3.43	2.9	13.09	16.03	0	[illegible]	14	1	0	0	1	1	0	0.020	0
386	383	31.41	2.5	2.7	19.22	26.2	0	0	72	1	0	1	1	1	0	0.020	0
387	384	31.5	2.23	2.6	24.36	30.95	0	0	100	1	0	1	0	1	0	0.020	0
388	385	31.58	2.32	2.6	26.29	33.52	0.02	0.35	126	1	1	1	0	1	0	0.020	0
389	386	31.66	2.53	2.6	26.25	33.16	0	0	152	1	0	1	0	1	0	0.000	0
390	387	31.74	2.61	2.7	24.4	31.33	0	0	141	1	0	1	0	1	0	0.000	0
391	388	31.82	2.46	2.7	21.18	27.28	0	0	90	1	0	1	0	1	0	0.000	0
392	389	31.91	2.17	2.7	16.69	21.75	0	0	34	1	0	1	1	1	0	0.000	0
393	390	31.99	1.99	2.8	12.57	15.32	0	0	0	1	0	1	1	1	0	0.000	0
394	391	32.07	2.26	3.0	8.98	12.75	0	0	-31	1	0	1	1	1	0	0.000	0
395	392	32.15	2.38	3.1	6.89	8.48	0	0	-54	1	0	1	1	1	0	0.000	0
396	393	32.23	2.39	3.2	5.44	7.69	0	0	-69	1	0	1	1	1	0	0.000	0
397	394	32.32	2.29	3.2	5.09	7.44	0	0	-66	1	0	1	1	1	0	0.000	0
398	395	32.4	2.61	3.2	5.12	7.21	0	0	-88	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	3.03	3.2	5.5	7.81	0	0	-120	1	0	0	1	1	0	0.000	0
400	397	32.56	3.38	3.2	6.13	8.82	0	0	-147	1	0	0	1	1	0	0.000	0
401	398	32.64	3.9	3.2	6.53	9.51	0	0	-213	1	0	0	1	1	0	0.000	0
402	399	32.73	4.55	3.3	6.6	9.31	0	0	-357	1	0	0	1	1	0	0.000	0
403	400	32.81	5.17	3.3	6.44	9.05	0	0	-599	1	0	0	1	1	0	0.000	0
404	401	32.89	5.5	3.3	6.29	8.93	0	0	-792	1	0	0	1	1	0	0.000	0
405	402	32.97	5.59	3.3	6.14	8.78	0	0	-869	1	0	0	1	1	0	0.000	0
406	403	33.05	5.56	3.3	5.97	8.51	0	0	-872	1	0	0	1	1	0	0.000	0
407	404	33.14	5.48	3.3	5.77	8.31	0	0	-845	1	0	0	1	1	0	0.000	0
408	405	33.22	5.32	3.4	5.61	8.04	0	0	-765	1	0	0	1	1	0	0.000	0
409	406	33.3	5.18	3.3	5.53	7.95	0	0	-694	1	0	0	1	1	0	0.000	0
410	407	33.38	5.15	3.3	5.51	8.02	0	0	-680	1	0	0	1	1	0	0.000	0
411	408	33.46	5.31	3.4	5.56	8.01	0	0	-764	1	0	0	1	1	0	0.000	0
412	409	33.55	5.54	3.4	5.64	8.11	0	0	-902	1	0	0	1	1	0	0.000	0
413	410	33.63	5.71	3.4	5.79	8.35	0	0	-1004	1	0	0	1	1	0	0.000	0
414	411	33.71	5.86	3.4	5.93	8.57	0	0	-1101	1	0	0	1	1	0	0.000	0
415	412	33.79	6.04	3.4	5.99	8.61	0	0	-1250	1	0	0	1	1	0	0.000	0
416	413	33.87	6.2	3.4	5.94	8.59	0	0	-1219	1	0	0	1	1	0	0.000	0
417	414	33.96	6.19	3.4	5.82	8.4	0	0	-1134	1	0	0	1	1	0	0.000	0
418	415	34.04	6.01	3.4	5.72	8.19	0	0	-1212	1	0	0	1	1	0	0.000	0
419	416	34.12	5.84	3.4	5.63	8.22	0	0	-1135	1	0	0	1	1	0	0.000	0
420	417	34.2	5.53	3.4	5.56	8.08	0	0	-905	1	0	0	1	1	0	0.000	0
421	418	34.28	5.29	3.4	5.45	7.95	0	0	-765	1	0	0	1	1	0	0.000	0
422	419	34.37	5.09	3.4	5.35	7.83	0	0	-664	1	0	0	1	1	0	0.000	0
423	420	34.45	5.21	3.4	5.23	7.72	0	0	-741	1	0	0	1	1	0	0.000	0
424	421	34.53	5.34	3.4	5.13	7.49	0	0	-831	1	0	0	1	1	0	0.000	0
425	422	34.61	5.13	3.4	5.22	7.49	0	0	-697	1	0	0	1	1	0	0.000	0
426	423	34.69	4.55	3.3	5.73	8.03	0	0	-410	1	0	0	1	1	0	0.000	0
427	424	34.78	4	3.2	6.17	9.37	0	0	-245	1	0	0	1	1	0	0.000	0
428	425	34.86	3.86	3.2	6.26	9.14	0	0	-215	1	0	0	1	1	0	0.000	0
429	426	34.94	4.22	3.3	5.82	8.38	0	0	-310	1	0	0	1	1	0	0.000	0
430	427	35.02	4.41	3.3	5.43	7.73	0	0	-382	1	0	0	1	1	0	0.000	0
431	428	35.1	4.36	3.3	5.28	7.69	0	0	-375	1	0	0	1	1	0	0.000	0
432	429	35.19	3.93	3.3	5.34	7.81	0	0	-262	1	0	0	1	1	0	0.000	0
433	430	35.27	4.2	3.3	5.37	7.96	0	0	-325	1	0	0	1	1	0	0.000	0
434	431	35.35	4.49	3.3	5.25	7.82	0	0	-418	1	0	0	1	1	0	0.000	0
435	432	35.43	4.91	3.4	5.08	7.32	0	0	-598	1	0	0	1	1	0	0.000	0
436	433	35.51	5.03	3.4	5.01	7.3	0	0	-663	1	0	0	1	1	0	0.000	0
437	434	35.6	5.22	3.4	5.05	7.52	0	0	-765	1	0	0	1	1	0	0.000	0
438	435	35.68	5.22	3.4	5.18	7.48	0	0	-752	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	5.16	3.4	5.23	7.74	0	0	-713	1	0	0	1	1	0	0.000	0
440	437	35.84	4.95	3.4	5.25	7.74	0	0	-603	1	0	0	1	1	0	0.000	0
441	438	35.92	4.98	3.4	5.16	7.54	0	0	-625	1	0	0	1	1	0	0.000	0
442	439	36.01	5.04	3.4	5.08	7.4	0	0	-662	1	0	0	1	1	0	0.000	0
443	440	36.09	5.21	3.4	5.07	7.46	0	0	-757	1	0	0	1	1	0	0.000	0
444	441	36.17	5.28	3.4	5.07	7.47	0	0	-800	1	0	0	1	1	0	0.000	0
445	442	36.25	5.28	3.4	5.06	7.4	0	0	-801	1	0	0	1	1	0	0.000	0
446	443	36.33	5.28	3.4	5.03	7.42	0	0	-804	1	0	0	1	1	0	0.000	0
447	444	36.42	5.37	3.4	4.99	7.36	0	0	-866	1	0	0	1	1	0	0.000	0
448	445	36.5	5.53	3.4	4.92	7.25	0	0	-989	1	0	0	1	1	0	0.000	0
449	446	36.58	5.55	3.4	4.85	7.15	0	0	-1013	1	0	0	1	1	0	0.000	0
450	447	36.66	5.39	3.4	4.84	7.11	0	0	-897	1	0	0	1	1	0	0.000	0
451	448	36.74	5.24	3.4	4.88	7.19	0	0	-795	1	0	0	1	1	0	0.000	0
452	449	36.83	5.28	3.4	4.9	7.29	0	0	-818	1	0	0	1	1	0	0.000	0
453	450	36.91	5.48	3.4	4.88	7.21	0	0	-957	1	0	0	1	1	0	0.000	0
454	451	36.99	5.78	3.4	4.83	7.09	0	0	-1210	1	0	0	1	1	0	0.000	0
455	452	37.07	6.11	3.4	4.85	7.11	0	0	-1547	1	0	0	1	1	0	0.000	0
456	453	37.16	6.28	3.4	5.15	7.3	0	0	-1[illegible]87	1	0	0	1	1	0	0.000	0
457	454	37.24	5.81	3.3	6.31	8.21	0	0	-[illegible]99	1	0	0	1	1	0	0.000	0
458	455	37.32	4.77	3.2	8.85	11.49	0	0	-2[illegible]3	1	0	0	1	1	0	0.000	0
459	456	37.4	4	3.0	11.99	16.97	0	0	-2[illegible]	1	0	0	1	1	0	0.000	0
460	457	37.48	3.59	2.9	14.27	20.51	0	0	[illegible]49	1	0	0	1	1	0	0.000	0
461	458	37.57	3.59	2.9	13.93	20.56	0	0	39	1	0	0	1	1	0	0.000	0
462	459	37.65	3.69	3.0	11.79	15.97	0	0	-21	1	0	0	1	1	0	0.000	0
463	460	37.73	3.98	3.1	9.07	12.33	0	0	-131	1	0	0	1	1	0	0.000	0
464	461	37.81	4.15	3.2	7.2	10.08	0	0	-232	1	0	0	1	1	0	0.000	0
465	462	37.89	4.43	3.3	5.94	8.79	0	[illegible]	-361	1	0	0	1	1	0	0.000	0
466	463	37.98	4.54	3.3	5.33	7.52	0	0	-431	1	0	0	1	1	0	0.000	0
467	464	38.06	4.6	3.3	5.21	7.71	0	0	-459	1	0	0	1	1	0	0.000	0
468	465	38.14	4.62	3.3	5.44	8.23	0	0	-452	1	0	0	1	1	0	0.000	0
469	466	38.22	4.82	3.3	5.59	8.34	0	0	-519	1	0	0	1	1	0	0.000	0
470	467	38.3	4.87	3.3	5.6	8.23	0	0	-539	1	0	0	1	1	0	0.000	0
471	468	38.39	4.73	3.3	5.58	8.27	0	0	-484	1	0	0	1	1	0	0.000	0
472	469	38.47	4.22	3.3	5.64	8.29	0	0	-318	1	0	0	1	1	0	0.000	0
473	470	38.55	3.99	3.3	5.68	8.42	0	0	-262	1	0	0	1	1	0	0.000	0
474	471	38.63	4.08	3.3	5.6	8.43	0	0	-285	1	0	0	1	1	0	0.000	0
475	472	38.71	4.38	3.3	5.45	7.94	0	0	-372	1	0	0	1	1	0	0.000	0
476	473	38.8	4.59	3.3	5.26	7.78	0	0	-453	1	0	0	1	1	0	0.000	0
477	474	38.88	4.54	3.3	5.09	7.69	0	0	-445	1	0	0	1	1	0	0.000	0
478	475	38.96	4.23	3.3	4.89	7.28	0	0	-356	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	3.77	3.3	4.67	7.02	0	0	-251	1	0	0	1	1	0	0.000	0
480	477	39.12	3.39	3.3	4.57	6.84	0	0	-185	1	0	0	1	1	0	0.000	0
481	478	39.21	3.27	3.3	4.57	6.88	0	0	-167	1	0	0	1	1	0	0.000	0
482	479	39.29	3.14	3.3	4.67	6.94	0	0	-147	1	0	0	1	1	0	0.000	0
483	480	39.37	2.95	3.3	4.83	7.14	0	0	-122	1	0	1	1	1	0	0.000	0
484	481	39.45	2.8	3.2	5.04	7.42	0	0	-105	1	0	1	1	1	0	0.000	0
485	482	39.53	2.73	3.2	5.27	7.66	0	0	-95	1	0	1	1	1	0	0.000	0
486	483	39.62	2.79	3.2	5.44	7.92	0	0	-98	1	0	1	1	1	0	0.000	0
487	484	39.7	2.99	3.2	5.61	8.01	0	0	-114	1	0	1	1	1	0	0.000	0
488	485	39.78	3.28	3.2	5.71	8.2	0	0	-144	1	0	0	1	1	0	0.000	0
489	486	39.86	3.56	3.2	5.8	8.26	0	0	-180	1	0	0	1	1	0	0.000	0
490	487	39.94	3.69	3.2	5.85	8.29	0	0	-199	1	0	0	1	1	0	0.000	0
491	488	40.03	3.74	3.2	5.88	8.32	0	0	-207	1	0	0	1	1	0	0.000	0
492	489	40.11	3.69	3.2	5.81	8.35	0	0	-200	1	0	0	1	1	0	0.000	0
493	490	40.19	3.6	3.3	5.64	8	0	0	-191	1	0	0	1	1	0	0.000	0
494	491	40.27	3.41	3.3	5.39	7.66	0	0	-168	1	0	0	1	1	0	0.000	0
495	492	40.35	3.15	3.3	5.17	7.39	0	0	-139	1	0	0	1	1	0	0.000	0
496	493	40.44	2.86	3.2	5.06	7.15	0	0	-110	1	0	1	1	1	0	0.000	0
497	494	40.52	2.66	3.2	5.07	7.17	0	0	-92	1	0	1	1	1	0	0.000	0
498	495	40.6	2.58	3.2	5.27	7.31	0	0	-94	1	0	1	1	1	0	0.000	0
499	496	40.68	2.63	3.2	5.77	7.81	0	0	-81	1	0	1	1	1	0	0.000	0
500	497	40.76	3	3.1	6.68	9.01	0	0	-97	1	0	0	1	1	0	0.000	0
501	498	40.85	3.46	3.1	7.98	10.7	0	0	-112	1	0	0	1	1	0	0.000	0
502	499	40.93	3.7	3.1	9.73	12.88	0	0	-84	1	0	0	1	1	0	0.000	0
503	500	41.01	3.15	3.0	11.89	16.03	0	0	-12	1	0	0	1	1	0	0.000	0
504	501	41.09	2.47	2.9	13.06	19.59	0	0	6	1	0	1	1	1	0	0.000	0
505	502	41.17	2.11	2.8	12.54	18.13	0	0	0	1	0	1	1	1	0	0.000	0
506	503	41.26	2.35	2.9	10.69	14.65	0	0	-17	1	0	1	1	1	0	0.000	0
507	504	41.34	3.3	3.1	8.75	12.68	0	0	-81	1	0	0	1	1	0	0.000	0
508	505	41.42	4.18	3.2	7.54	10.6	0	0	-223	1	0	0	1	1	0	0.000	0
509	506	41.5	4.84	3.2	7.02	9.87	0	0	-418	1	0	0	1	1	0	0.000	0
510	507	41.58	4.56	3.2	7.14	10.58	0	0	-327	1	0	0	1	1	0	0.000	0
511	508	41.67	3.9	3.2	7.63	10.96	0	0	-174	1	0	0	1	1	0	0.000	0
512	509	41.75	3.2	3.1	7.84	11.66	0	0	-92	1	0	0	1	1	0	0.000	0
513	510	41.83	2.8	3.1	7.67	11.37	0	0	-68	1	0	1	1	1	0	0.000	0
514	511	41.91	2.86	3.1	7	10.29	0	0	-81	1	0	1	1	1	0	0.000	0
515	512	41.99	3.06	3.2	6.4	8.98	0	0	-107	1	0	0	1	1	0	0.000	0
516	513	42.08	3.21	3.2	6.09	8.68	0	0	-128	1	0	0	1	1	0	0.000	0
517	514	42.16	3.05	3.2	6.09	8.6	0	0	-112	1	0	0	1	1	0	0.000	0
518	515	42.24	3	3.2	6.12	8.49	0	0	-106	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	3.2	3.2	6.1	8.68	0	0	-127	1	0	0	1	1	0	0.000	0
520	517	42.4	3.59	3.2	6.02	8.53	0	0	-179	1	0	0	1	1	0	0.000	0
521	518	42.49	4.06	3.3	5.84	8.29	0	0	-271	1	0	0	1	1	0	0.000	0
522	519	42.57	4.63	3.3	5.55	8.17	0	0	-449	1	0	0	1	1	0	0.000	0
523	520	42.65	5.07	3.4	5.28	7.61	0	0	-660	1	0	0	1	1	0	0.000	0
524	521	42.73	5.36	3.4	5.04	7.38	0	0	-854	1	0	0	1	1	0	0.000	0
525	522	42.81	5.33	3.4	4.91	7.29	0	0	-849	1	0	0	1	1	0	0.000	0
526	523	42.9	5.23	3.4	4.81	7.16	0	0	-796	1	0	0	1	1	0	0.000	0
527	524	42.98	5.14	3.4	4.69	6.98	0	0	-754	1	0	0	1	1	0	0.000	0
528	525	43.06	5.18	3.4	4.59	6.89	0	0	-788	1	0	0	1	1	0	0.000	0
529	526	43.14	5.25	3.4	4.53	6.82	0	0	-838	1	0	0	1	1	0	0.000	0
530	527	43.22	5.5	3.4	4.36	6.84	0	0	-1038	1	0	0	1	1	0	0.000	0
531	528	43.31	5.91	3.5	4.11	6.41	0	0	-1461	1	0	0	1	1	0	0.000	0
532	529	43.39	6.51	3.5	3.79	6.05	0	0	-2368	1	0	0	1	1	0	0.000	0
533	530	43.47	7.19	3.6	3.5	5.74	0	0	-4001	1	0	0	1	1	0	0.000	0
534	531	43.55	7.87	3.6	3.26	5.42	0	0	-6624	1	0	0	1	1	0	0.000	0
535	532	43.63	8.66	3.7	3.08	5.25	0	0	-11573	1	0	0	1	1	0	0.000	0
536	533	43.72	9.41	3.7	2.95	5.16	0	0	-1[illegible]69	1	0	0	1	1	0	0.000	0
537	534	43.8	9.68	3.7	2.93	5.01	0	0	-23[illegible]05	1	0	0	1	1	0	0.000	0
538	535	43.88	9.16	3.7	3.07	5.23	0	0	-161[illegible]3	1	0	0	1	1	0	0.000	0
539	536	43.96	8.16	3.6	3.34	5.65	0	0	-8018	1	0	0	1	1	0	0.000	0
540	537	44.04	7.45	3.6	3.57	6.07	0	0	-[illegible]773	1	0	0	1	1	0	0.000	0
541	538	44.13	7.25	3.6	3.67	6.13	0	0	-4097	1	0	0	1	1	0	0.000	0
542	539	44.21	7.38	3.6	3.63	6.05	0	0	-4513	1	0	0	1	1	0	0.000	0
543	540	44.29	7.43	3.6	3.62	5.95	0	0	-4680	1	0	0	1	1	0	0.000	0
544	541	44.37	7.27	3.6	3.67	6.09	0	0	-4155	1	0	0	1	1	0	0.000	0
545	542	44.45	7.06	3.6	3.77	6.25	0	[illegible]	-3537	1	0	0	1	1	0	0.000	0
546	543	44.54	7.04	3.6	3.81	6.31	0	0	-3470	1	0	0	1	1	0	0.000	0
547	544	44.62	7.13	3.6	3.83	6.24	0	0	-3693	1	0	0	1	1	0	0.000	0
548	545	44.7	7.26	3.6	3.84	6.3	0	0	-4047	1	0	0	1	1	0	0.000	0
549	546	44.78	7.34	3.6	3.85	6.35	0	0	-4278	1	0	0	1	1	0	0.000	0
550	547	44.86	7.31	3.6	3.87	6.28	0	0	-4178	1	0	0	1	1	0	0.000	0
551	548	44.95	7.05	3.5	3.94	6.38	0	0	-3443	1	0	0	1	1	0	0.000	0
552	549	45.03	6.65	3.5	4.06	6.59	0	0	-2542	1	0	0	1	1	0	0.000	0
553	550	45.11	6.18	3.5	4.19	6.72	0	0	-1771	1	0	0	1	1	0	0.000	0
554	551	45.19	6.09	3.5	4.27	6.88	0	0	-1640	1	0	0	1	1	0	0.000	0
555	552	45.27	6.24	3.5	4.36	6.91	0	0	-1814	1	0	0	1	1	0	0.000	0
556	553	45.36	6.75	3.5	4.46	7.03	0	0	-2605	1	0	0	1	1	0	0.000	0
557	554	45.44	7.05	3.5	4.61	7.19	0	0	-3174	1	0	0	1	1	0	0.000	0
558	555	45.52	7.25	3.5	4.76	7.43	0	0	-3591	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	7.25	3.5	4.85	7.6	0	0	-3549	1	0	0	1	1	0	0.000	0
560	557	45.69	7.3	3.5	4.8	7.56	0	0	-3702	1	0	0	1	1	0	0.000	0
561	558	45.77	7.34	3.5	4.65	7.28	0	0	-3882	1	0	0	1	1	0	0.000	0
562	559	45.85	7.42	3.5	4.45	7.11	0	0	-4213	1	0	0	1	1	0	0.000	0
563	560	45.93	7.34	3.5	4.31	6.84	0	0	-4050	1	0	0	1	1	0	0.000	0
564	561	46.01	7.11	3.5	4.2	6.73	0	0	-3485	1	0	0	1	1	0	0.000	0
565	562	46.1	6.66	3.5	4.16	6.67	0	0	-2531	1	0	0	1	1	0	0.000	0
566	563	46.18	6.08	3.5	4.17	6.68	0	0	-1647	1	0	0	1	1	0	0.000	0
567	564	46.26	5.49	3.5	4.19	6.73	0	0	-1051	1	0	0	1	1	0	0.000	0
568	565	46.34	4.94	3.4	4.22	6.71	0	0	-683	1	0	0	1	1	0	0.000	0
569	566	46.42	4.41	3.4	4.27	6.78	0	0	-445	1	0	0	1	1	0	0.000	0
570	567	46.51	4.02	3.4	4.41	6.9	0	0	-319	1	0	0	1	1	0	0.000	0
571	568	46.59	3.78	3.3	4.67	7.24	0	0	-253	1	0	0	1	1	0	0.000	0
572	569	46.67	3.86	3.3	5.05	7.75	0	0	-257	1	0	0	1	1	0	0.000	0
573	570	46.75	4.04	3.3	5.63	8.37	0	0	-275	1	0	0	1	1	0	0.000	0
574	571	46.83	4.31	3.3	6.22	9.5	0	0	-313	1	0	0	1	1	0	0.000	0
575	572	46.92	4.64	3.3	6.65	10.09	0	0	-381	1	0	0	1	1	0	0.000	0
576	573	47	5.06	3.3	6.77	10.13	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
577	574	47.08	5.51	3.3	6.68	10.12	0	0	-[illegible]48	1	0	0	1	1	0	0.000	0
578	575	47.16	5.89	3.3	6.46	9.83	0	0	-10[illegible]6	1	0	0	1	1	0	0.000	0
579	576	47.24	6.31	3.4	6.11	9.36	0	0	-1500	1	0	0	1	1	0	0.000	0
580	577	47.33	6.74	3.4	5.73	8.84	0	0	-[illegible]77	1	0	0	1	1	0	0.000	0
581	578	47.41	7	3.4	5.38	8.45	0	0	-2763	1	0	0	1	1	0	0.000	0
582	579	47.49	7	3.5	5.13	8.04	0	0	-2860	1	0	0	1	1	0	0.000	0
583	580	47.57	6.98	3.5	4.89	7.94	0	0	-2911	1	0	0	1	1	0	0.000	0
584	581	47.65	7.15	3.5	4.71	7.55	0	0	-3366	1	0	0	1	1	0	0.000	0
585	582	47.74	7.32	3.5	4.59	7.34	0	0	-3857	1	0	0	1	1	0	0.000	0
586	583	47.82	7.26	3.5	4.55	7.46	0	0	-3715	1	0	0	1	1	0	0.000	0
587	584	47.9	7.09	3.5	4.5	7.4	0	0	-3311	1	0	0	1	1	0	0.000	0
588	585	47.98	7.04	3.5	4.38	7.21	0	0	-3243	1	0	0	1	1	0	0.000	0
589	586	48.06	7.17	3.5	4.23	7.02	0	0	-3625	1	0	0	1	1	0	0.000	0
590	587	48.15	7.24	3.5	4.09	6.78	0	0	-3874	1	0	0	1	1	0	0.000	0
591	588	48.23	7.04	3.5	4.01	6.67	0	0	-3391	1	0	0	1	1	0	0.000	0
592	589	48.31	6.63	3.5	3.96	6.7	0	0	-2535	1	0	0	1	1	0	0.000	0
593	590	48.39	6.15	3.5	3.89	6.57	0	0	-1794	1	0	0	1	1	0	0.000	0
594	591	48.47	5.87	3.5	3.78	6.41	0	0	-1473	1	0	0	1	1	0	0.000	0
595	592	48.56	5.54	3.5	3.72	6.23	0	0	-1154	1	0	0	1	1	0	0.000	0
596	593	48.64	5.35	3.5	3.7	6.26	0	0	-1000	1	0	0	1	1	0	0.000	0
597	594	48.72	5.13	3.5	3.73	6.26	0	0	-840	1	0	0	1	1	0	0.000	0
598	595	48.8	4.92	3.5	3.71	6.27	0	0	-714	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	4.76	3.5	3.64	6.17	0	0	-634	1	0	0	1	1	0	0.000	0
600	597	48.97	4.49	3.5	3.49	5.94	0	0	-520	1	0	0	1	1	0	0.000	0
601	598	49.05	4.32	3.5	3.33	5.64	0	0	-461	1	0	0	1	1	0	0.000	0
602	599	49.13	4.11	3.5	3.25	5.52	0	0	-392	1	0	0	1	1	0	0.000	0
603	600	49.21	4.08	3.5	3.27	5.55	0	0	-382	1	0	0	1	1	0	0.000	0
604	601	49.29	4.09	3.5	3.34	5.64	0	0	-382	1	0	0	1	1	0	0.000	0
605	602	49.38	4.22	3.5	3.43	5.75	0	0	-421	1	0	0	1	1	0	0.000	0
606	603	49.46	4.4	3.5	3.53	5.82	0	0	-481	1	0	0	1	1	0	0.000	0
607	604	49.54	4.83	3.5	3.62	5.98	0	0	-672	1	0	0	1	1	0	0.000	0
608	605	49.62	5.12	3.5	3.7	6.03	0	0	-836	1	0	0	1	1	0	0.000	0
609	606	49.7	5.19	3.5	3.77	6.13	0	0	-876	1	0	0	1	1	0	0.000	0
610	607	49.79	4.98	3.5	3.83	6.22	0	0	-738	1	0	0	1	1	0	0.000	0
611	608	49.87	4.61	3.5	3.84	6.22	0	0	-550	1	0	0	1	1	0	0.000	0
612	609	49.95	4.13	3.4	3.82	6.17	0	0	-374	1	0	0	1	1	0	0.000	0
613	610	50.03	3.5	3.4	3.76	6.09	0	0	-223	1	0	0	1	1	0	0.000	0
614	611	50.11	3.01	3.4	3.67	5.98	0	0	-148	1	0	0	1	1	0	0.000	0
615	612	50.2	1.87	3.3	3.53	5.79	0	0	-55	1	0	1	1	1	0	0.000	0
616	613	50.28	0.91	3.2	3.47	5.55	0	0	[illegible]	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	3.55	5.65	0	0	-9	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	3.89	6.02	0	0	9	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	4.19	6.83	0	0	[illegible]	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

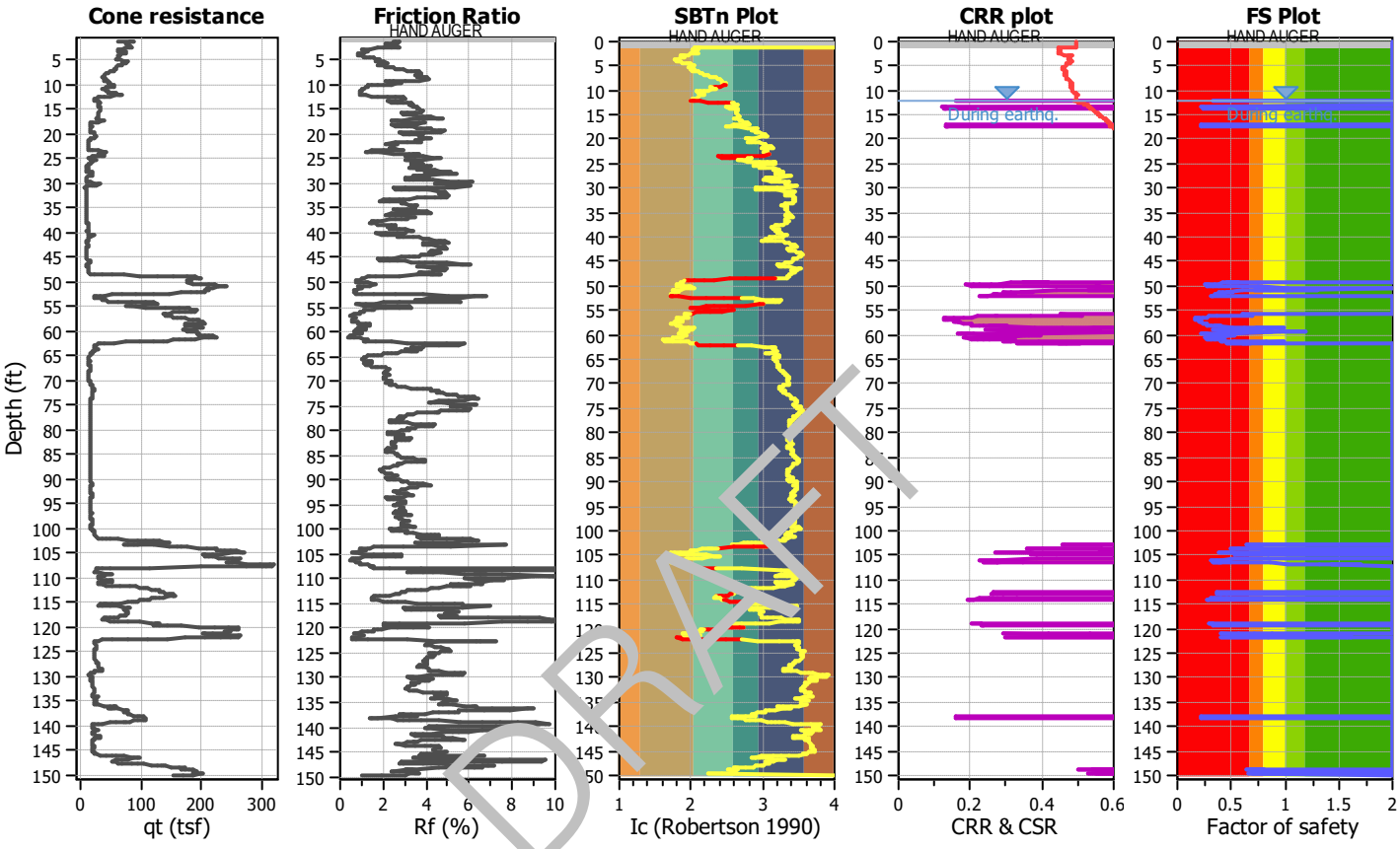
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-2

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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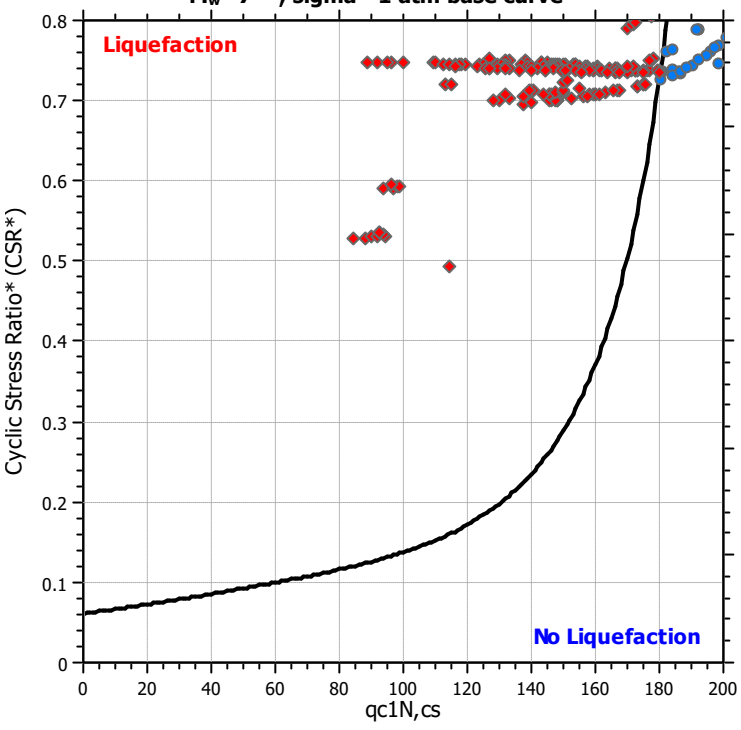
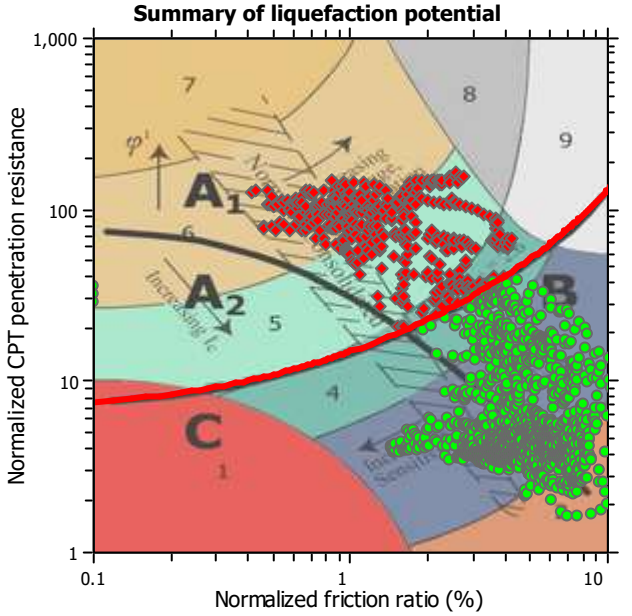
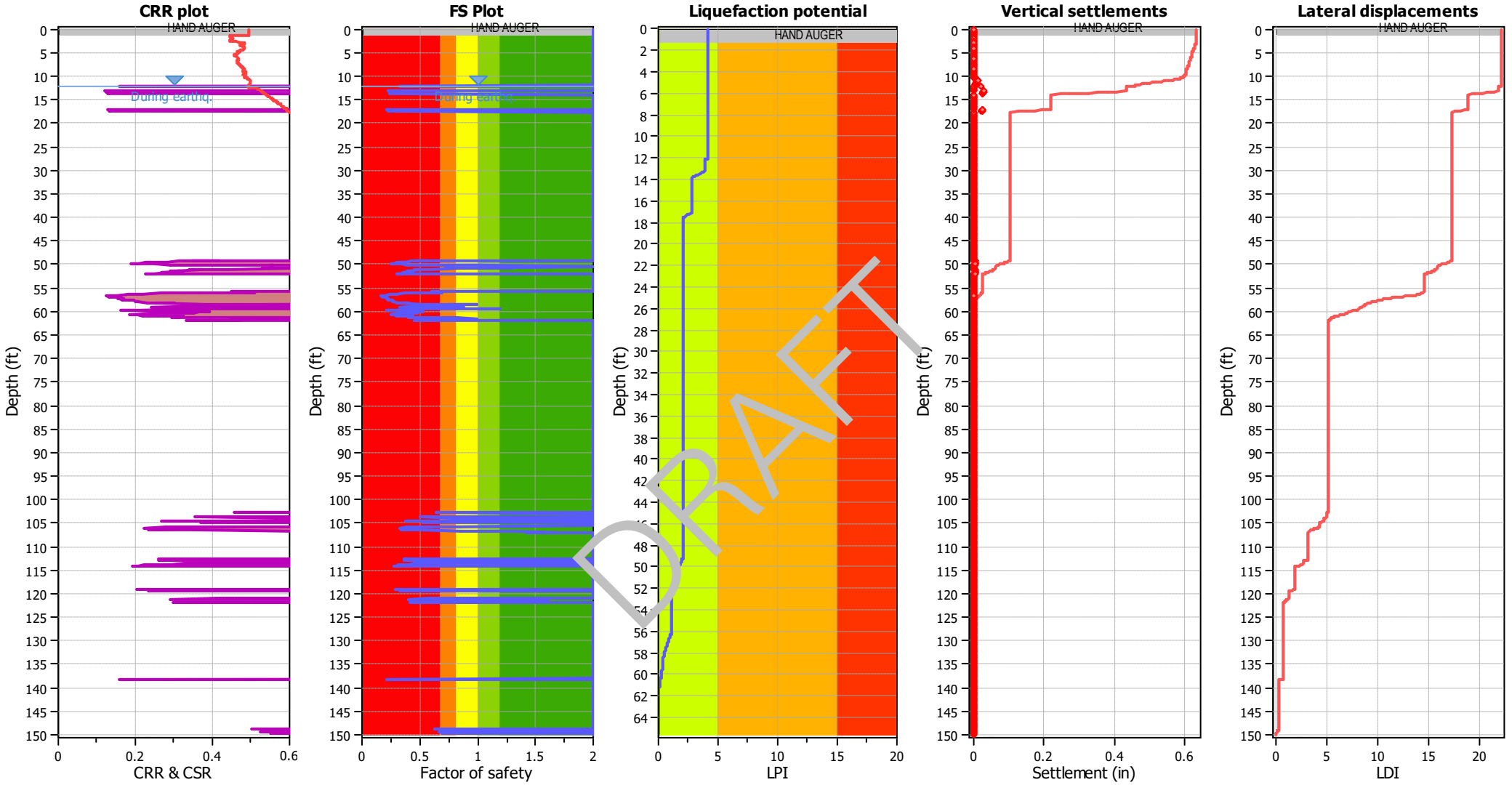




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-2, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.360	0
19	16	1.31	2.48	2.1	117.06	161.61	0	0	1105	0	1	1	0	1	0	0.360	0
20	17	1.39	2.57	2.1	166.81	137.18	0	0	1767	1	1	1	0	1	0	0.360	0
21	18	1.48	2.72	2.1	151.08	126.85	0	0	1811	1	1	1	0	1	0	0.360	0
22	19	1.56	2.62	2.1	144.57	121.59	0	0	1580	1	1	1	0	1	0	0.360	0
23	20	1.64	2.41	2.1	143.7	120.64	0	0	1303	1	1	1	0	1	0	0.360	0
24	21	1.72	2.21	2.0	146.41	124.69	0	0	1112	1	1	1	0	1	0	0.360	0
25	22	1.8	2.11	2.0	148.88	128.56	0	0	1035	1	1	1	0	1	0	0.360	0
26	23	1.89	2.08	2.0	149.41	126.96	0	0	1011	1	1	1	0	1	0	0.360	0
27	24	1.97	2.11	2.0	147.75	126.06	0	0	1026	1	1	1	0	1	0	0.360	0
28	25	2.05	2.17	2.0	147.51	124.34	0	0	1081	1	1	1	0	1	0	0.360	0
29	26	2.13	2.28	2.0	148.59	126.37	0	0	1204	1	1	1	0	1	0	0.360	0
30	27	2.21	2.41	2.1	152.05	128.84	0	0	1386	1	1	1	0	1	0	0.360	0
31	28	2.3	2.56	2.1	155.83	133.18	0	0	1627	1	1	1	0	1	0	0.360	0
32	29	2.38	2.73	2.1	158.23	136.03	0	0	1921	1	1	1	0	1	0	0.360	0
33	30	2.46	2.64	2.1	158.02	134.99	0	0	1772	1	1	1	0	1	0	0.360	0
34	31	2.54	2.41	2.1	154.46	132.68	0	0	1410	1	1	1	0	1	0	0.360	0
35	32	2.62	2.01	2.0	147.95	126.96	0	0	939	1	1	1	0	1	0	0.360	0
36	33	2.71	1.71	2.0	138.32	118.42	0	0	662	1	1	1	0	1	0	0.360	0
37	34	2.79	1.38	1.9	130.07	108.15	0	0	455	1	1	1	0	1	0	0.360	0
38	35	2.87	1.09	1.9	124.23	105.89	0	0	328	1	1	1	0	1	0	0.360	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	0.97	1.8	120.78	103.49	0	0	283	1	1	1	0	1	0	0.360	0
40	37	3.03	1.05	1.9	118.01	99.35	0	0	298	1	1	1	0	1	0	0.360	0
41	38	3.12	1.19	1.9	118.12	98.86	0	0	341	1	1	1	0	1	0	0.360	0
42	39	3.2	1.26	1.9	123	103.83	0	0	381	1	1	1	0	1	0	0.360	0
43	40	3.28	1.29	1.9	129.75	111.84	0	0	416	1	1	1	0	1	0	0.360	0
44	41	3.36	1.3	1.9	136.01	116.09	0	0	443	1	1	1	0	1	0	0.360	0
45	42	3.44	1.23	1.9	140.34	119.83	0	0	429	1	1	1	0	1	0	0.360	0
46	43	3.53	1.13	1.8	143.35	122.92	0	0	399	1	1	1	0	1	0	0.360	0
47	44	3.61	1.02	1.8	143.5	123.8	0	0	360	1	1	1	0	1	0	0.360	0
48	45	3.69	0.96	1.8	141.24	120.24	0	0	334	1	1	1	0	1	0	0.360	0
49	46	3.77	0.89	1.8	135.88	117.19	0	0	299	1	1	1	0	1	0	0.360	0
50	47	3.85	0.85	1.8	128.99	110.18	0	0	271	1	1	1	0	1	0	0.360	0
51	48	3.94	0.87	1.8	120.79	102.69	0	0	257	1	1	1	0	1	0	0.360	0
52	49	4.02	0.87	1.8	116.08	96.3	0	0	246	1	1	1	0	1	0	0.360	0
53	50	4.1	0.87	1.8	115.77	98.2	0	0	245	1	1	1	0	1	0	0.360	0
54	51	4.18	0.89	1.8	117.2	101.93	0	0	254	1	1	1	0	1	0	0.360	0
55	52	4.26	0.98	1.9	116.14	99.95	0	0	274	1	1	1	0	1	0	0.360	0
56	53	4.35	1.1	1.9	114.47	95.54	0	0	[illegible]	1	1	1	0	1	0	0.360	0
57	54	4.43	1.24	1.9	114.87	97.68	0	0	47	1	1	1	0	1	0	0.360	0
58	55	4.51	1.4	2.0	116.76	101	0	0	[illegible]	1	1	1	0	1	0	0.360	0
59	56	4.59	1.54	2.0	118.3	100.37	0	0	475	1	1	1	0	1	0	0.360	0
60	57	4.68	1.59	2.0	118.6	101.63	0	0	[illegible]	1	1	1	0	1	0	0.360	0
61	58	4.76	1.64	2.0	114.63	101.7	0	0	504	1	1	1	0	1	0	0.360	0
62	59	4.84	1.7	2.0	110.45	90.27	0	0	511	1	1	1	0	1	0	0.360	0
63	60	4.92	1.8	2.1	108.14	90.91	0	0	547	1	1	1	0	1	0	0.360	0
64	61	5	1.72	2.0	113.69	94.99	0	0	537	1	1	1	0	1	0	0.360	0
65	62	5.09	1.65	2.0	122.74	102.24	0	0	549	1	1	1	0	1	0	0.360	0
66	63	5.17	1.64	2.0	132.24	110.12	0	0	590	1	1	1	0	1	0	0.360	0
67	64	5.25	1.71	2.0	143.17	114.16	0	0	688	1	1	1	0	1	0	0.360	0
68	65	5.33	1.78	2.0	148.73	122.54	0	0	765	1	1	1	0	1	0	0.360	0
69	66	5.41	1.89	2.0	148.98	118.31	0	0	847	1	1	1	0	1	0	0.360	0
70	67	5.5	2.06	2.0	144.69	111.15	0	0	959	1	1	1	0	1	0	0.360	0
71	68	5.58	2.25	2.1	140.53	110.19	0	0	1102	1	1	1	0	1	0	0.360	0
72	69	5.66	2.23	2.1	139.33	106.94	0	0	1072	1	1	1	0	1	0	0.360	0
73	70	5.74	2.03	2.0	137.29	107.08	0	0	881	1	1	1	0	1	0	0.360	0
74	71	5.82	1.81	2.0	134.26	106.25	0	0	703	1	1	1	0	1	0	0.360	0
75	72	5.91	1.74	2.0	129.55	102.52	0	0	633	1	1	1	0	1	0	0.360	0
76	73	5.99	1.79	2.0	124.66	99.23	0	0	635	1	1	1	0	1	0	0.360	0
77	74	6.07	1.86	2.0	119.44	94.28	0	0	646	1	1	1	0	1	0	0.360	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	1.9	2.1	115.29	89.32	0	0	644	1	1	1	0	1	0	0.360	0
79	76	6.23	1.99	2.1	112.22	88.84	0	0	678	1	1	1	0	1	0	0.360	0
80	77	6.32	2.1	2.1	110.73	85.97	0	0	739	1	1	1	0	1	0	0.360	0
81	78	6.4	2.2	2.1	109.36	84.45	0	0	797	1	1	1	0	1	0	0.360	0
82	79	6.48	2.29	2.1	108.45	84.68	0	0	856	1	1	1	0	1	0	0.360	0
83	80	6.56	2.43	2.2	108.79	83.05	0	0	974	1	1	1	0	1	0	0.360	0
84	81	6.64	2.53	2.2	109.06	83.95	0	0	1067	1	1	1	0	1	0	0.360	0
85	82	6.73	2.56	2.2	109.44	84.58	0	0	1100	1	1	1	0	1	0	0.360	0
86	83	6.81	2.56	2.2	108.02	84.13	0	0	1084	1	1	1	0	1	0	0.360	0
87	84	6.89	2.64	2.2	106.06	81.44	0	0	1139	1	1	1	0	1	0	0.360	0
88	85	6.97	2.8	2.2	103.56	79.95	0	0	1276	1	1	1	0	1	0	0.360	0
89	86	7.05	2.95	2.2	101.26	77.57	0	0	1417	1	1	1	0	1	0	0.360	0
90	87	7.14	3.11	2.3	97.91	75.41	0	0	1566	1	1	0	0	1	0	0.360	0
91	88	7.22	3.31	2.3	94.27	71.72	0	0	1779	1	1	0	0	1	0	0.360	0
92	89	7.3	3.48	2.3	91.81	68.65	0	0	1992	1	1	0	0	1	0	0.360	0
93	90	7.38	3.65	2.3	89.1	69.37	0	0	2220	1	1	0	0	1	0	0.360	0
94	91	7.46	3.73	2.4	86.79	65.39	0	0	2301	1	1	0	0	1	0	0.360	0
95	92	7.55	3.74	2.4	83.96	63.72	0	0	[illegible]	1	1	0	0	1	0	0.360	0
96	93	7.63	3.69	2.4	81.35	63.65	0	0	2[illegible]63	1	1	0	0	1	0	0.360	0
97	94	7.71	3.66	2.4	78.43	60.38	0	0	19[illegible]7	1	1	0	0	1	0	0.360	0
98	95	7.79	3.7	2.4	75.26	57.84	0	0	1896	1	1	0	0	1	0	0.360	0
99	96	7.87	3.79	2.4	72.06	56.8	0	0	[illegible]40	1	1	0	0	1	0	0.360	0
100	97	7.96	3.77	2.4	69.37	53.27	0	0	1821	1	1	0	0	1	0	0.360	0
101	98	8.04	3.69	2.4	67.8	52.23	0	0	1657	1	1	0	0	1	0	0.360	0
102	99	8.12	3.59	2.4	66.87	53.97	0	0	1498	1	1	0	0	1	0	0.360	0
103	100	8.2	3.57	2.4	66.5	52.1	0	0	1463	1	1	0	0	1	0	0.360	0
104	101	8.28	3.62	2.4	64.93	51.94	0	0	1482	1	1	0	0	1	0	0.360	0
105	102	8.37	3.67	2.4	63.84	50.52	0	0	1513	1	1	0	0	1	0	0.360	0
106	103	8.45	3.77	2.5	62.14	49.8	0	0	1590	1	1	0	0	1	0	0.360	0
107	104	8.53	3.93	2.5	60.41	48.01	0	0	1752	1	1	0	0	1	0	0.360	0
108	105	8.61	4.05	2.5	60.25	46.36	0	0	1927	1	1	0	0	1	0	0.360	0
109	106	8.69	4.1	2.5	61.64	49.45	0	0	2067	1	1	0	0	1	0	0.360	0
110	107	8.78	4.03	2.5	64.83	51.51	0	0	2078	1	1	0	0	1	0	0.360	0
111	108	8.86	4.05	2.5	67.15	54.49	0	0	2206	1	1	0	0	1	0	0.360	0
112	109	8.94	4.22	2.5	67.56	55.27	0	0	2554	1	1	0	0	1	0	0.360	0
113	110	9.02	4.15	2.5	65.28	52.46	0	0	2312	1	1	0	0	1	0	0.360	0
114	111	9.1	3.73	2.5	61.36	49.8	0	0	1514	1	1	0	0	1	0	0.360	0
115	112	9.19	3.04	2.4	58.69	47.68	0	0	797	1	1	0	0	1	0	0.360	0
116	113	9.27	2.52	2.4	59.16	48.73	0	0	511	1	1	1	0	1	0	0.360	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.28	2.3	62.69	53.4	0	0	444	1	1	1	0	1	0	0.360	0
118	115	9.43	2.18	2.3	67.05	57.98	0	0	441	1	1	1	0	1	0	0.360	0
119	116	9.51	2.28	2.3	69.26	60.61	0	0	502	1	1	1	0	1	0	0.360	0
120	117	9.6	2.51	2.3	68.48	58.76	0	0	608	1	1	1	0	1	0	0.360	0
121	118	9.68	2.77	2.3	65.56	55.22	0	0	724	1	1	1	0	1	0	0.360	0
122	119	9.76	2.84	2.4	64.25	52.49	0	0	751	1	1	1	0	1	0	0.360	0
123	120	9.84	2.68	2.3	65.63	55.53	0	0	670	1	1	1	0	1	0	0.360	0
124	121	9.92	2.37	2.3	68.19	59.75	0	0	534	1	1	1	0	1	0	0.360	0
125	122	10.01	2.04	2.2	70.87	60.87	0	0	416	1	1	1	0	1	0	0.360	0
126	123	10.09	1.75	2.2	72.72	64.71	0	0	329	1	1	1	0	1	0	0.360	0
127	124	10.17	1.49	2.1	74.42	67.11	0	0	265	1	1	1	0	1	0	0.360	0
128	125	10.25	1.31	2.1	74.21	68.02	0	0	223	1	1	1	0	1	0	0.360	0
129	126	10.33	1.25	2.1	71.51	66.22	0	0	202	1	1	1	0	1	0	0.360	0
130	127	10.42	1.28	2.1	66.67	60.74	0	0	191	1	1	1	0	1	0	0.360	0
131	128	10.5	1.32	2.2	61.32	54.89	0	0	178	1	1	1	0	1	0	0.360	0
132	129	10.58	1.3	2.2	57.19	51.52	0	0	160	1	1	1	0	1	0	0.360	0
133	130	10.66	1.22	2.2	54.49	49.83	0	0	140	1	1	1	0	1	0	0.360	0
134	131	10.74	1.12	2.2	52.01	48.26	0	0	19	1	1	1	0	1	0	0.360	0
135	132	10.83	1.06	2.2	49.81	45.58	0	0	06	1	1	1	0	1	0	0.360	0
136	133	10.91	1.04	2.2	48.45	44.3	0	0	1	1	1	1	0	1	0	0.360	0
137	134	10.99	1.02	2.2	49.02	44.84	0	0	100	1	1	1	0	1	0	0.360	0
138	135	11.07	1	2.1	51.28	47.49	0	0	04	1	1	1	0	1	0	0.360	0
139	136	11.15	0.99	2.1	54.18	50.93	0	0	111	1	1	1	0	1	0	0.360	0
140	137	11.24	0.99	2.1	56.2	53.26	0	0	117	1	1	1	0	1	0	0.360	0
141	138	11.32	0.98	2.1	56.72	53.41	0	0	117	1	1	1	0	1	0	0.360	0
142	139	11.4	0.97	2.1	56.36	52.68	0	0	115	1	1	1	0	1	0	0.360	0
143	140	11.48	0.96	2.1	56.17	52.53	0	0	113	1	1	1	0	1	0	0.360	0
144	141	11.56	0.96	2.1	57.3	53.13	0	0	116	1	1	1	0	1	0	0.360	0
145	142	11.65	0.95	2.1	59.79	56.09	0	0	121	1	1	1	0	1	0	0.360	0
146	143	11.73	0.94	2.1	63.34	59.89	0	0	129	1	1	1	0	1	0	0.360	0
147	144	11.81	0.95	2.0	67.08	63.51	0	0	140	1	1	1	0	1	0	0.360	0
148	145	11.89	0.97	2.0	70.95	66.98	0	0	153	1	1	1	0	1	0	0.360	0
149	146	11.97	0.99	2.0	74.94	70.96	0	0	167	1	1	1	0	1	0	0.360	0
150	147	12.06	1.03	2.0	78.84	74.81	0.02	0.22	184	1	1	1	0	1	0	0.360	0
151	148	12.14	1.11	2.0	81.1	77.77	0	0	205	1	1	1	0	1	0	0.340	0
152	149	12.22	1.24	2.1	78.94	76.61	0	0	225	1	1	1	0	1	0	0.340	0
153	150	12.3	1.46	2.1	71.02	67.55	0	0	244	1	1	1	0	1	0	0.340	0
154	151	12.38	1.78	2.2	59.53	54.18	0	0	264	1	1	1	0	1	0	0.340	0
155	152	12.47	2.2	2.4	48.33	43.45	0	0	295	1	1	1	0	1	0	0.340	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.65	2.5	39.59	35.75	0	0	333	1	1	1	0	1	0	0.340	0
157	154	12.63	2.98	2.6	34.46	29.69	0	0	360	1	1	1	0	1	0	0.340	0
158	155	12.71	3.08	2.6	31.82	29.25	0	0	345	1	0	0	0	1	0	0.340	0
159	156	12.8	2.97	2.6	30.71	28.63	0	0	296	1	0	1	0	1	0	0.340	0
160	157	12.88	2.89	2.6	29.32	26.93	0	0	255	1	0	1	0	1	0	0.340	0
161	158	12.96	2.91	2.6	27.78	25.7	0	0	236	1	0	1	0	1	0	0.340	0
162	159	13.04	2.96	2.7	26.76	24.56	0	0	230	1	0	1	0	1	0	0.340	0
163	160	13.12	2.9	2.7	26.83	24.25	0	0	219	1	0	1	0	1	0	0.340	0
164	161	13.21	2.62	2.6	28.59	26.09	0.03	0.44	193	1	0	1	0	1	0	0.340	0
165	162	13.29	2.37	2.5	31.1	29.77	0.03	0.4	178	1	1	1	0	1	0	0.310	0
166	163	13.37	2.22	2.5	33.53	31.62	0.03	0.39	176	1	1	1	0	1	0	0.280	0
167	164	13.45	2.24	2.5	35.35	33.18	0.03	0.37	195	1	1	1	0	1	0	0.250	0
168	165	13.53	2.44	2.5	36.25	34.97	0.03	0.35	242	1	1	1	0	1	0	0.220	0
169	166	13.62	2.72	2.5	36.14	34.1	0.03	0.35	309	1	1	1	0	1	0	0.190	0
170	167	13.7	3	2.6	35.22	32.76	0.03	0.36	379	1	1	0	0	1	0	0.160	0
171	168	13.78	3.2	2.6	34.06	32.35	0.03	0.36	427	1	1	0	0	1	0	0.130	0
172	169	13.86	3.37	2.6	32.79	30.91	0	0	464	1	0	0	0	1	0	0.100	0
173	170	13.94	3.5	2.6	31.8	29.31	0	0	[illegible]	1	0	0	0	1	0	0.100	0
174	171	14.03	3.51	2.7	31.52	29.71	0	0	90	1	0	0	0	1	0	0.100	0
175	172	14.11	3.37	2.6	32.07	30.32	0	0	[illegible]	1	0	0	0	1	0	0.100	0
176	173	14.19	3.3	2.6	32.7	31.11	0	0	[illegible]	1	0	0	0	1	0	0.100	0
177	174	14.27	3.33	2.6	33.27	31.7	0	0	[illegible]	1	0	0	0	1	0	0.100	0
178	175	14.35	3.47	2.6	33.63	32.07	0	0	526	1	0	0	0	1	0	0.100	0
179	176	14.44	3.61	2.6	33.86	32.22	0	0	599	1	0	0	0	1	0	0.100	0
180	177	14.52	3.69	2.6	34.1	32.45	0	0	647	1	0	0	0	1	0	0.100	0
181	178	14.6	3.71	2.6	34.44	32.88	0	0	668	1	0	0	0	1	0	0.100	0
182	179	14.68	3.72	2.6	34.65	33.35	0	0	681	1	0	0	0	1	0	0.100	0
183	180	14.76	3.74	2.6	34.66	33.25	0	0	692	1	0	0	0	1	0	0.100	0
184	181	14.85	3.8	2.6	34.47	33.1	0	0	721	1	0	0	0	1	0	0.100	0
185	182	14.93	3.81	2.6	34.4	33	0	0	725	1	0	0	0	1	0	0.100	0
186	183	15.01	3.81	2.6	34.28	33.23	0	0	721	1	0	0	0	1	0	0.100	0
187	184	15.09	3.84	2.7	33.95	32.98	0	0	728	1	0	0	0	1	0	0.100	0
188	185	15.17	3.89	2.7	33.43	32.25	0	0	741	1	0	0	0	1	0	0.100	0
189	186	15.26	3.93	2.7	32.92	31.94	0	0	747	1	0	0	0	1	0	0.100	0
190	187	15.34	3.96	2.7	32.48	31.7	0	0	749	1	0	0	0	1	0	0.100	0
191	188	15.42	3.99	2.7	32.18	31.2	0	0	756	1	0	0	0	1	0	0.100	0
192	189	15.5	3.87	2.7	31.88	31.26	0	0	674	1	0	0	0	1	0	0.100	0
193	190	15.58	3.57	2.7	31.6	31.07	0	0	518	1	0	0	0	1	0	0.100	0
194	191	15.67	3.21	2.6	31.28	30.71	0	0	375	1	0	0	0	1	0	0.100	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.95	2.6	30.93	30.64	0	0	294	1	0	1	0	1	0	0.100	0
196	193	15.83	2.91	2.6	30.49	30.34	0	0	277	1	0	1	0	1	0	0.100	0
197	194	15.91	3.05	2.6	29.76	29.54	0	0	300	1	0	0	0	1	0	0.100	0
198	195	15.99	3.28	2.7	29.08	28.63	0	0	352	1	0	0	0	1	0	0.100	0
199	196	16.08	3.48	2.7	28.72	28.45	0	0	407	1	0	0	0	1	0	0.100	0
200	197	16.16	3.55	2.7	29.31	28.65	0	0	448	1	0	0	0	1	0	0.100	0
201	198	16.24	3.61	2.7	29.44	30.52	0	0	475	1	0	0	0	1	0	0.100	0
202	199	16.32	3.73	2.7	29.17	29.02	0	0	516	1	0	0	0	1	0	0.100	0
203	200	16.4	3.97	2.7	28.05	28.04	0	0	588	1	0	0	0	1	0	0.100	0
204	201	16.49	4.16	2.7	27.69	27.38	0	0	671	1	0	0	0	1	0	0.100	0
205	202	16.57	4.28	2.8	27.46	28.11	0	0	729	1	0	0	0	1	0	0.100	0
206	203	16.65	4.41	2.8	27.12	27.53	0	0	791	1	0	0	0	1	0	0.100	0
207	204	16.73	4.69	2.8	26.03	26.54	0	0	916	1	0	0	0	1	0	0.100	0
208	205	16.81	4.93	2.8	24.84	25.05	0	0	1010	1	0	0	0	1	0	0.100	0
209	206	16.9	4.81	2.8	24.27	24.17	0	0	877	1	0	0	0	1	0	0.100	0
210	207	16.98	4.23	2.8	25.4	25.04	0	0	603	1	0	0	0	1	0	0.100	0
211	208	17.06	3.55	2.7	28.34	28.54	0	0	422	1	0	0	0	1	0	0.100	0
212	209	17.14	3.02	2.6	32.11	33.08	0.02	0.36	333	1	0	0	0	1	0	0.100	0
213	210	17.22	2.66	2.5	35.31	36.46	0.02	0.33	83	1	1	1	0	1	0	0.080	0
214	211	17.31	2.46	2.5	37.01	38.29	0.02	0.32	25	1	1	1	0	1	0	0.060	0
215	212	17.39	2.46	2.5	36.75	38.37	0.02	0.32	252	1	1	1	0	1	0	0.040	0
216	213	17.47	2.74	2.6	33.46	35.89	0.02	0.33	279	1	1	1	0	1	0	0.020	0
217	214	17.55	3.25	2.7	28.05	28.66	0	0	321	1	0	0	0	1	0	0.000	0
218	215	17.63	3.82	2.8	22.48	22.35	0	0	333	1	0	0	0	1	0	0.000	0
219	216	17.72	4.18	2.9	18.42	19.36	0	0	266	1	0	0	0	1	0	0.000	0
220	217	17.8	4.13	2.9	16.13	16.6	0	0	156	1	0	0	0	1	0	0.000	0
221	218	17.88	3.86	2.9	14.73	15.55	0	0	77	1	0	0	1	1	0	0.000	0
222	219	17.96	3.33	2.9	14.22	15.22	0	0	38	1	0	0	1	1	0	0.000	0
223	220	18.04	2.83	2.9	14.08	15.15	0	0	23	1	0	1	1	1	0	0.000	0
224	221	18.13	2.53	2.8	13.99	15.16	0	0	16	1	0	1	1	1	0	0.000	0
225	222	18.21	2.52	2.8	13.73	15.01	0	0	13	1	0	1	1	1	0	0.000	0
226	223	18.29	2.76	2.9	13.44	14.43	0	0	13	1	0	1	1	1	0	0.000	0
227	224	18.37	3.09	2.9	13.35	14.37	0	0	15	1	0	0	1	1	0	0.000	0
228	225	18.45	3.33	2.9	13.55	14.81	0	0	23	1	0	0	1	1	0	0.000	0
229	226	18.54	3.53	2.9	14.21	15.11	0	0	45	1	0	0	1	1	0	0.000	0
230	227	18.62	3.66	2.9	14.96	16.43	0	0	72	1	0	0	1	1	0	0.000	0
231	228	18.7	3.84	2.9	15.11	17.2	0	0	89	1	0	0	0	1	0	0.000	0
232	229	18.78	4.04	2.9	14.47	15.67	0	0	79	1	0	0	1	1	0	0.000	0
233	230	18.86	4.34	3.0	13.12	14.58	0	0	32	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	4.49	3.0	12.31	13.16	0	0	-11	1	0	0	1	1	0	0.000	0
235	232	19.03	4.57	3.0	12.1	13.25	0	0	-25	1	0	0	1	1	0	0.000	0
236	233	19.11	4.65	3.0	12.42	14.02	0	0	-5	1	0	0	1	1	0	0.000	0
237	234	19.19	4.73	3.0	13.11	14.22	0	0	43	1	0	0	1	1	0	0.000	0
238	235	19.27	4.9	3.0	13.35	15.42	0	0	68	1	0	0	1	1	0	0.000	0
239	236	19.36	5.08	3.0	13.3	14.79	0	0	74	1	0	0	1	1	0	0.000	0
240	237	19.44	5.27	3.1	12.92	14.09	0	0	45	1	0	0	1	1	0	0.000	0
241	238	19.52	5	3.0	13.02	14.32	0	0	45	1	0	0	1	1	0	0.000	0
242	239	19.6	4.27	3.0	13.88	15.15	0	0	67	1	0	0	1	1	0	0.000	0
243	240	19.68	3.48	2.9	15.29	16.86	0	0	70	1	0	0	1	1	0	0.000	0
244	241	19.77	3.01	2.8	17.12	18.83	0	0	78	1	0	0	1	1	0	0.000	0
245	242	19.85	2.9	2.8	18.57	20.89	0	0	93	1	0	1	0	1	0	0.000	0
246	243	19.93	3.07	2.8	19.39	21.48	0	0	122	1	0	0	0	1	0	0.000	0
247	244	20.01	3.38	2.8	19.44	21.61	0	0	160	1	0	0	0	1	0	0.000	0
248	245	20.09	3.76	2.8	19.08	21.25	0	0	209	1	0	0	0	1	0	0.000	0
249	246	20.18	4.04	2.9	18.72	20.59	0	0	249	1	0	0	0	1	0	0.000	0
250	247	20.26	4.08	2.9	18.8	20.65	0	0	261	1	0	0	0	1	0	0.000	0
251	248	20.34	3.93	2.8	19.46	21.65	0	0	[illegible]	1	0	0	0	1	0	0.000	0
252	249	20.42	3.82	2.8	20.44	22.75	0	0	65	1	0	0	0	1	0	0.000	0
253	250	20.5	3.85	2.8	21.33	23.84	0	0	[illegible]	1	0	0	0	1	0	0.000	0
254	251	20.59	3.95	2.8	21.47	24.6	0	0	[illegible]	1	0	0	0	1	0	0.000	0
255	252	20.67	4.09	2.8	20.05	23.39	0	0	[illegible]	1	0	0	0	1	0	0.000	0
256	253	20.75	4.26	2.9	17.62	19.5	0	0	245	1	0	0	0	1	0	0.000	0
257	254	20.83	4.47	3.0	15.07	16.94	0	0	146	1	0	0	0	1	0	0.000	0
258	255	20.92	4.47	3.0	13.36	15.17	0	0	49	1	0	0	1	1	0	0.000	0
259	256	21	4.32	3.0	12.08	14.01	0	0	-21	1	0	0	1	1	0	0.000	0
260	257	21.08	3.97	3.0	11.37	12.82	0	0	-43	1	0	0	1	1	0	0.000	0
261	258	21.16	3.79	3.0	10.97	12.87	0	0	-50	1	0	0	1	1	0	0.000	0
262	259	21.24	3.76	3.0	10.85	12.75	0	0	-52	1	0	0	1	1	0	0.000	0
263	260	21.33	3.9	3.0	10.65	12.43	0	0	-66	1	0	0	1	1	0	0.000	0
264	261	21.41	4.04	3.1	10.25	12.25	0	0	-90	1	0	0	1	1	0	0.000	0
265	262	21.49	4.12	3.1	9.69	11.47	0	0	-120	1	0	0	1	1	0	0.000	0
266	263	21.57	4.12	3.1	8.97	10.61	0	0	-151	1	0	0	1	1	0	0.000	0
267	264	21.65	4.05	3.1	8.32	9.92	0	0	-169	1	0	0	1	1	0	0.000	0
268	265	21.74	3.52	3.1	8.08	9.38	0	0	-115	1	0	0	1	1	0	0.000	0
269	266	21.82	2.85	3.1	8.21	9.85	0	0	-63	1	0	1	1	1	0	0.000	0
270	267	21.9	2.34	3.0	8.59	10.38	0	0	-36	1	0	1	1	1	0	0.000	0
271	268	21.98	2.52	3.0	8.82	10.68	0	0	-40	1	0	1	1	1	0	0.000	0
272	269	22.06	2.79	3.0	8.79	10.63	0	0	-52	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.98	3.1	8.61	10.3	0	0	-64	1	0	1	1	1	0	0.000	0
274	271	22.23	2.87	3.1	8.39	10.09	0	0	-61	1	0	1	1	1	0	0.000	0
275	272	22.31	2.81	3.1	8.19	9.93	0	0	-61	1	0	1	1	1	0	0.000	0
276	273	22.39	2.77	3.1	8.08	9.67	0	0	-60	1	0	1	1	1	0	0.000	0
277	274	22.47	2.82	3.1	8.02	9.72	0	0	-64	1	0	1	1	1	0	0.000	0
278	275	22.56	2.78	3.1	8.14	9.74	0	0	-60	1	0	1	1	1	0	0.000	0
279	276	22.64	2.75	3.0	8.36	10.09	0	0	-56	1	0	1	1	1	0	0.000	0
280	277	22.72	2.65	3.0	8.52	10.46	0	0	-49	1	0	1	1	1	0	0.000	0
281	278	22.8	2.6	3.0	8.46	10.29	0	0	-47	1	0	1	1	1	0	0.000	0
282	279	22.88	2.56	3.0	8.2	9.88	0	0	-49	1	0	1	1	1	0	0.000	0
283	280	22.97	2.56	3.0	7.93	9.56	0	0	-52	1	0	1	1	1	0	0.000	0
284	281	23.05	2.81	3.1	7.77	9.36	0	0	-67	1	0	1	1	1	0	0.000	0
285	282	23.13	3.13	3.1	7.84	9.32	0	0	-87	1	0	0	1	1	0	0.000	0
286	283	23.21	3.33	3.1	8.28	9.75	0	0	-93	1	0	0	1	1	0	0.000	0
287	284	23.29	2.97	3.0	9.87	10.79	0	0	-43	1	0	1	1	1	0	0.000	0
288	285	23.38	2.17	2.8	14.12	14.67	0	0	13	1	0	1	1	1	0	0.000	0
289	286	23.46	1.58	2.6	20.57	23.96	0	0	38	1	1	1	1	1	0	0.000	0
290	287	23.54	1.29	2.4	27.38	31.58	0	0	53	1	1	1	1	1	0	0.000	0
291	288	23.62	1.27	2.4	31.09	36.56	0	0	65	1	1	1	1	1	0	0.000	0
292	289	23.7	1.48	2.4	30.67	36.29	0	0	7	1	1	1	1	1	0	0.000	0
293	290	23.79	1.93	2.5	26.75	30.99	0	0	92	1	1	1	0	1	0	0.000	0
294	291	23.87	2.63	2.7	22.3	24.79	0	0	118	1	0	1	0	1	0	0.000	0
295	292	23.95	3.35	2.8	19.57	22.6	0	0	159	1	0	0	0	1	0	0.000	0
296	293	24.03	3.79	2.8	19.03	22.57	0	0	213	1	0	0	0	1	0	0.000	0
297	294	24.11	3.81	2.8	20.52	23.37	0	0	266	1	0	0	0	1	0	0.000	0
298	295	24.2	3.59	2.8	23.44	27.75	0	0	301	1	0	0	0	1	0	0.000	0
299	296	24.28	3.32	2.7	26.67	32.4	0	0	311	1	0	0	0	1	0	0.000	0
300	297	24.36	3.17	2.7	27.84	34.18	0	0	296	1	0	0	0	1	0	0.000	0
301	298	24.44	3.22	2.7	24.92	31.74	0	0	250	1	0	0	0	1	0	0.000	0
302	299	24.52	3.48	2.8	19.76	22.86	0	0	182	1	0	0	0	1	0	0.000	0
303	300	24.61	4.11	2.9	14.81	17.13	0	0	98	1	0	0	0	1	0	0.000	0
304	301	24.69	4.66	3.1	11.74	14.63	0	0	-50	1	0	0	1	1	0	0.000	0
305	302	24.77	5.09	3.1	9.96	12.14	0	0	-236	1	0	0	1	1	0	0.000	0
306	303	24.85	5.18	3.2	8.97	10.93	0	0	-351	1	0	0	1	1	0	0.000	0
307	304	24.93	5.21	3.2	8.82	11.18	0	0	-375	1	0	0	1	1	0	0.000	0
308	305	25.02	4.93	3.1	9.43	11.64	0	0	-251	1	0	0	1	1	0	0.000	0
309	306	25.1	4.22	3.1	11.11	13.06	0	0	-64	1	0	0	1	1	0	0.000	0
310	307	25.18	3.49	2.9	13.58	17.09	0	0	27	1	0	0	1	1	0	0.000	0
311	308	25.26	3.21	2.9	15.53	20.38	0	0	61	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	3.34	2.9	15.6	20.05	0	0	69	1	0	0	1	1	0	0.000	0
313	310	25.43	3.71	2.9	14.16	17.4	0	0	51	1	0	0	1	1	0	0.000	0
314	311	25.51	4	3.0	12.72	15.38	0	0	9	1	0	0	1	1	0	0.000	0
315	312	25.59	4.09	3.0	12.48	14.99	0	0	-1	1	0	0	1	1	0	0.000	0
316	313	25.67	3.98	3.0	12.65	16.59	0	0	6	1	0	0	1	1	0	0.000	0
317	314	25.75	3.72	3.0	12.84	16.01	0	0	10	1	0	0	1	1	0	0.000	0
318	315	25.84	3.56	3.0	11.78	15.73	0	0	-19	1	0	0	1	1	0	0.000	0
319	316	25.92	3.63	3.0	10.24	12.85	0	0	-64	1	0	0	1	1	0	0.000	0
320	317	26	4.06	3.1	8.3	10.59	0	0	-171	1	0	0	1	1	0	0.000	0
321	318	26.08	4.45	3.2	7.02	8.92	0	0	-306	1	0	0	1	1	0	0.000	0
322	319	26.16	4.35	3.2	6.62	8.34	0	0	-303	1	0	0	1	1	0	0.000	0
323	320	26.25	3.98	3.2	7.03	9.21	0	0	-208	1	0	0	1	1	0	0.000	0
324	321	26.33	3.75	3.1	7.78	10.35	0	0	-149	1	0	0	1	1	0	0.000	0
325	322	26.41	4.04	3.2	7.97	10.98	0	0	-181	1	0	0	1	1	0	0.000	0
326	323	26.49	4.55	3.2	7.53	9.92	0	0	-301	1	0	0	1	1	0	0.000	0
327	324	26.57	4.87	3.3	6.68	8.79	0	0	-454	1	0	0	1	1	0	0.000	0
328	325	26.66	4.58	3.3	6.07	8.01	0	0	-399	1	0	0	1	1	0	0.000	0
329	326	26.74	4.01	3.3	5.76	7.77	0	0	-263	1	0	0	1	1	0	0.000	0
330	327	26.82	3.85	3.3	5.68	7.69	0	0	-233	1	0	0	1	1	0	0.000	0
331	328	26.9	4.17	3.3	5.72	7.72	0	0	-302	1	0	0	1	1	0	0.000	0
332	329	26.98	4.28	3.3	6.23	7.89	0	0	-305	1	0	0	1	1	0	0.000	0
333	330	27.07	4.15	3.2	6.98	9.46	0	0	-242	1	0	0	1	1	0	0.000	0
334	331	27.15	4.09	3.2	7.4	10.33	0	0	-213	1	0	0	1	1	0	0.000	0
335	332	27.23	4.41	3.2	7.2	9.37	0	0	-287	1	0	0	1	1	0	0.000	0
336	333	27.31	4.88	3.3	6.71	8.79	0	0	-456	1	0	0	1	1	0	0.000	0
337	334	27.39	5.09	3.3	6.39	8.6	0	0	-567	1	0	0	1	1	0	0.000	0
338	335	27.48	5.49	3.3	5.94	8.28	0	0	-830	1	0	0	1	1	0	0.000	0
339	336	27.56	6.06	3.4	5.53	7.21	0	0	-1358	1	0	0	1	1	0	0.000	0
340	337	27.64	6.09	3.4	5.94	7.16	0	0	-1307	1	0	0	1	1	0	0.000	0
341	338	27.72	5.2	3.2	7.61	9.72	0	0	-495	1	0	0	1	1	0	0.000	0
342	339	27.8	4.41	3.1	10.02	13.11	0	0	-134	1	0	0	1	1	0	0.000	0
343	340	27.89	4.34	3.0	11.43	15.76	0	0	-55	1	0	0	1	1	0	0.000	0
344	341	27.97	4.8	3.1	11.15	14.87	0	0	-100	1	0	0	1	1	0	0.000	0
345	342	28.05	5.64	3.2	9.63	12.28	0	0	-407	1	0	0	1	1	0	0.000	0
346	343	28.13	6.12	3.2	8.5	10.46	0	0	-815	1	0	0	1	1	0	0.000	0
347	344	28.21	5.36	3.2	9.19	10.88	0	0	-379	1	0	0	1	1	0	0.000	0
348	345	28.3	4.38	3.1	10.57	14.81	0	0	-102	1	0	0	1	1	0	0.000	0
349	346	28.38	3.8	3.0	11.38	15.46	0	0	-37	1	0	0	1	1	0	0.000	0
350	347	28.46	3.76	3.0	10.49	13.85	0	0	-64	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.08	3.1	8.73	11.65	0	0	-156	1	0	0	1	1	0	0.000	0
352	349	28.63	4.48	3.2	7.04	9.16	0	0	-313	1	0	0	1	1	0	0.000	0
353	350	28.71	4.88	3.3	5.69	7.83	0	0	-536	1	0	0	1	1	0	0.000	0
354	351	28.79	4.92	3.4	4.91	6.83	0	0	-617	1	0	0	1	1	0	0.000	0
355	352	28.87	4.53	3.4	4.59	6.4	0	0	-471	1	0	0	1	1	0	0.000	0
356	353	28.95	4.02	3.4	4.58	6.59	0	0	-312	1	0	0	1	1	0	0.000	0
357	354	29.04	3.69	3.3	4.69	6.73	0	0	-234	1	0	0	1	1	0	0.000	0
358	355	29.12	3.68	3.3	4.83	6.69	0	0	-228	1	0	0	1	1	0	0.000	0
359	356	29.2	3.86	3.3	5.06	7.1	0	0	-257	1	0	0	1	1	0	0.000	0
360	357	29.28	4.13	3.3	5.17	7.52	0	0	-316	1	0	0	1	1	0	0.000	0
361	358	29.36	4.65	3.3	5.12	7.08	0	0	-484	1	0	0	1	1	0	0.000	0
362	359	29.45	5.3	3.4	4.93	6.93	0	0	-827	1	0	0	1	1	0	0.000	0
363	360	29.53	6.22	3.4	4.75	6.85	0	0	-1701	1	0	0	1	1	0	0.000	0
364	361	29.61	6.76	3.5	4.72	6.42	0	0	-2539	1	0	0	1	1	0	0.000	0
365	362	29.69	7.37	3.5	5.08	6.82	0	0	-3748	1	0	0	1	1	0	0.000	0
366	363	29.77	7.16	3.4	6.4	8.06	0	0	-2654	1	0	0	1	1	0	0.000	0
367	364	29.86	6.16	3.2	9.34	11.1	0	0	-663	1	0	0	1	1	0	0.000	0
368	365	29.94	5.19	3.0	13.42	17.49	0	0	[illegible]	1	0	0	0	1	0	0.000	0
369	366	30.02	4.73	2.9	17.24	23.15	0	0	31	1	0	0	0	1	0	0.000	0
370	367	30.1	4.78	2.9	19.24	25.44	0	0	[illegible]	1	0	0	0	1	0	0.000	0
371	368	30.18	5.11	2.9	19.36	25.19	0	0	[illegible]	1	0	0	0	1	0	0.000	0
372	369	30.27	5.37	3.0	18.28	23.8	0	0	[illegible]	1	0	0	0	1	0	0.000	0
373	370	30.35	5.67	3.0	16.07	21.54	0	0	518	1	0	0	0	1	0	0.000	0
374	371	30.43	6	3.1	13.26	17.02	0	0	142	1	0	0	0	1	0	0.000	0
375	372	30.51	6.67	3.2	10.01	13.44	0	0	-761	1	0	0	1	1	0	0.000	0
376	373	30.59	6.91	3.3	7.48	9.59	0	0	-1826	1	0	0	1	1	0	0.000	0
377	374	30.68	6.42	3.4	5.49	7.77	0	0	-1784	1	0	0	1	1	0	0.000	0
378	375	30.76	5.05	3.4	4.32	6.22	0	0	-736	1	0	0	1	1	0	0.000	0
379	376	30.84	3.98	3.4	3.57	5.38	0	0	-340	1	0	0	1	1	0	0.000	0
380	377	30.92	3.37	3.4	3.26	5.07	0	0	-211	1	0	0	1	1	0	0.000	0
381	378	31	3.3	3.4	3.26	5.11	0	0	-199	1	0	0	1	1	0	0.000	0
382	379	31.09	3.37	3.4	3.54	5.39	0	0	-205	1	0	0	1	1	0	0.000	0
383	380	31.17	3.64	3.4	4.14	6.06	0	0	-240	1	0	0	1	1	0	0.000	0
384	381	31.25	3.94	3.3	4.86	7.29	0	0	-282	1	0	0	1	1	0	0.000	0
385	382	31.33	4.41	3.3	5.39	7.95	0	0	-385	1	0	0	1	1	0	0.000	0
386	383	31.41	5.02	3.3	5.53	7.99	0	0	-612	1	0	0	1	1	0	0.000	0
387	384	31.5	5.58	3.4	5.41	7.77	0	0	-961	1	0	0	1	1	0	0.000	0
388	385	31.58	5.89	3.4	5.21	7.51	0	0	-1250	1	0	0	1	1	0	0.000	0
389	386	31.66	5.97	3.4	5.03	7.25	0	0	-1361	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	5.95	3.4	4.87	7.1	0	0	-1369	1	0	0	1	1	0	0.000	0
391	388	31.82	6.03	3.4	4.72	6.92	0	0	-1482	1	0	0	1	1	0	0.000	0
392	389	31.91	6.14	3.5	4.62	6.73	0	0	-1630	1	0	0	1	1	0	0.000	0
393	390	31.99	6.13	3.5	4.6	6.75	0	0	-1622	1	0	0	1	1	0	0.000	0
394	391	32.07	5.99	3.4	4.64	6.85	0	0	-1453	1	0	0	1	1	0	0.000	0
395	392	32.15	5.74	3.4	4.68	6.89	0	0	-1197	1	0	0	1	1	0	0.000	0
396	393	32.23	5.71	3.4	4.69	6.92	0	0	-1169	1	0	0	1	1	0	0.000	0
397	394	32.32	5.86	3.4	4.7	6.9	0	0	-1308	1	0	0	1	1	0	0.000	0
398	395	32.4	6.16	3.4	4.7	6.92	0	0	-1638	1	0	0	1	1	0	0.000	0
399	396	32.48	6.29	3.5	4.71	6.92	0	0	-1801	1	0	0	1	1	0	0.000	0
400	397	32.56	6.27	3.5	4.7	6.95	0	0	-1777	1	0	0	1	1	0	0.000	0
401	398	32.64	6.14	3.5	4.67	6.9	0	0	-1620	1	0	0	1	1	0	0.000	0
402	399	32.73	5.89	3.4	4.56	6.82	0	0	-1362	1	0	0	1	1	0	0.000	0
403	400	32.81	5.57	3.4	4.4	6.57	0	0	-1090	1	0	0	1	1	0	0.000	0
404	401	32.89	5.07	3.4	4.21	6.33	0	0	-758	1	0	0	1	1	0	0.000	0
405	402	32.97	4.56	3.4	4.03	6.14	0	0	-517	1	0	0	1	1	0	0.000	0
406	403	33.05	4.2	3.4	3.87	5.88	0	0	-394	1	0	0	1	1	0	0.000	0
407	404	33.14	3.87	3.4	3.81	5.76	0	0	-302	1	0	0	1	1	0	0.000	0
408	405	33.22	3.59	3.4	3.89	5.85	0	0	-337	1	0	0	1	1	0	0.000	0
409	406	33.3	2.97	3.3	4.07	6.12	0	0	-117	1	0	1	1	1	0	0.000	0
410	407	33.38	2.55	3.3	4.19	6.34	0	0	-93	1	0	1	1	1	0	0.000	0
411	408	33.46	2.3	3.3	4.19	6.19	0	0	-75	1	0	1	1	1	0	0.000	0
412	409	33.55	2.57	3.3	4.12	6.05	0	0	-96	1	0	1	1	1	0	0.000	0
413	410	33.63	2.91	3.3	4.14	6.02	0	0	-129	1	0	1	1	1	0	0.000	0
414	411	33.71	3.49	3.3	4.28	6.18	0	0	-208	1	0	0	1	1	0	0.000	0
415	412	33.79	3.6	3.3	4.5	6.45	0	0	-222	1	0	0	1	1	0	0.000	0
416	413	33.87	3.74	3.3	4.69	6.72	0	0	-244	1	0	0	1	1	0	0.000	0
417	414	33.96	3.51	3.3	4.82	6.81	0	0	-198	1	0	0	1	1	0	0.000	0
418	415	34.04	3.52	3.3	4.8	6.86	0	0	-200	1	0	0	1	1	0	0.000	0
419	416	34.12	3.58	3.3	4.76	6.61	0	0	-212	1	0	0	1	1	0	0.000	0
420	417	34.2	3.79	3.3	4.77	6.65	0	0	-252	1	0	0	1	1	0	0.000	0
421	418	34.28	3.97	3.3	4.87	6.82	0	0	-288	1	0	0	1	1	0	0.000	0
422	419	34.37	4.11	3.3	4.96	6.89	0	0	-320	1	0	0	1	1	0	0.000	0
423	420	34.45	4.28	3.3	4.96	6.96	0	0	-367	1	0	0	1	1	0	0.000	0
424	421	34.53	4.4	3.3	4.94	6.85	0	0	-406	1	0	0	1	1	0	0.000	0
425	422	34.61	4.36	3.4	4.89	6.85	0	0	-395	1	0	0	1	1	0	0.000	0
426	423	34.69	4.22	3.3	4.87	6.78	0	0	-354	1	0	0	1	1	0	0.000	0
427	424	34.78	4.16	3.3	4.84	6.77	0	0	-338	1	0	0	1	1	0	0.000	0
428	425	34.86	4.18	3.3	4.81	6.74	0	0	-345	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.26	3.4	4.77	6.67	0	0	-370	1	0	0	1	1	0	0.000	0
430	427	35.02	4.31	3.4	4.72	6.64	0	0	-388	1	0	0	1	1	0	0.000	0
431	428	35.1	4.38	3.4	4.65	6.57	0	0	-415	1	0	0	1	1	0	0.000	0
432	429	35.19	4.26	3.4	4.56	6.42	0	0	-380	1	0	0	1	1	0	0.000	0
433	430	35.27	3.94	3.4	4.49	6.31	0	0	-295	1	0	0	1	1	0	0.000	0
434	431	35.35	3.4	3.3	4.47	6.31	0	0	-189	1	0	0	1	1	0	0.000	0
435	432	35.43	3.17	3.3	4.52	6.36	0	0	-154	1	0	0	1	1	0	0.000	0
436	433	35.51	3.41	3.3	4.57	6.48	0	0	-188	1	0	0	1	1	0	0.000	0
437	434	35.6	4.06	3.4	4.59	6.6	0	0	-322	1	0	0	1	1	0	0.000	0
438	435	35.68	4.66	3.4	4.55	6.53	0	0	-526	1	0	0	1	1	0	0.000	0
439	436	35.76	5.14	3.4	4.5	6.49	0	0	-772	1	0	0	1	1	0	0.000	0
440	437	35.84	5.34	3.4	4.42	6.44	0	0	-911	1	0	0	1	1	0	0.000	0
441	438	35.92	5.19	3.4	4.33	6.28	0	0	-820	1	0	0	1	1	0	0.000	0
442	439	36.01	4.53	3.4	4.25	6.14	0	0	-492	1	0	0	1	1	0	0.000	0
443	440	36.09	3.69	3.4	4.2	6.13	0	0	-249	1	0	0	1	1	0	0.000	0
444	441	36.17	3.03	3.3	4.15	6	0	0	-143	1	0	0	1	1	0	0.000	0
445	442	36.25	2.77	3.3	4.16	5.91	0	0	-114	1	0	1	1	1	0	0.000	0
446	443	36.33	2.94	3.3	4.29	6.04	0	0	-130	1	0	1	1	1	0	0.000	0
447	444	36.42	3.25	3.3	4.52	6.37	0	0	-165	1	0	0	1	1	0	0.000	0
448	445	36.5	3.55	3.3	4.72	6.63	0	0	-207	1	0	0	1	1	0	0.000	0
449	446	36.58	3.78	3.3	4.81	6.74	0	0	-248	1	0	0	1	1	0	0.000	0
450	447	36.66	4.08	3.3	4.78	6.75	0	0	-219	1	0	0	1	1	0	0.000	0
451	448	36.74	4.32	3.4	4.73	6.62	0	0	-391	1	0	0	1	1	0	0.000	0
452	449	36.83	4.33	3.4	4.69	6.63	0	0	-396	1	0	0	1	1	0	0.000	0
453	450	36.91	4.18	3.4	4.71	6.67	0	0	-350	1	0	0	1	1	0	0.000	0
454	451	36.99	4.01	3.3	4.71	6.71	0	0	-304	1	0	0	1	1	0	0.000	0
455	452	37.07	3.95	3.3	4.64	6.69	0	0	-292	1	0	0	1	1	0	0.000	0
456	453	37.16	3.81	3.3	4.54	6.47	0	0	-264	1	0	0	1	1	0	0.000	0
457	454	37.24	3.62	3.3	4.44	6.36	0	0	-228	1	0	0	1	1	0	0.000	0
458	455	37.32	3.32	3.3	4.42	6.28	0	0	-177	1	0	0	1	1	0	0.000	0
459	456	37.4	2.96	3.3	4.44	6.29	0	0	-130	1	0	1	1	1	0	0.000	0
460	457	37.48	2.49	3.3	4.51	6.33	0	0	-85	1	0	1	1	1	0	0.000	0
461	458	37.57	2.16	3.2	4.55	6.4	0	0	-63	1	0	1	1	1	0	0.000	0
462	459	37.65	1.94	3.2	4.57	6.35	0	0	-52	1	0	1	1	1	0	0.000	0
463	460	37.73	1.85	3.2	4.62	6.32	0	0	-47	1	0	1	1	1	0	0.000	0
464	461	37.81	1.81	3.2	4.76	6.46	0	0	-45	1	0	1	1	1	0	0.000	0
465	462	37.89	1.78	3.1	4.93	6.76	0	0	-42	1	0	1	1	1	0	0.000	0
466	463	37.98	1.69	3.1	5.08	6.88	0	0	-38	1	0	1	1	1	0	0.000	0
467	464	38.06	1.66	3.1	5.15	7.04	0	0	-37	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	1.77	3.1	5.2	7.03	0	0	-41	1	0	1	1	1	0	0.000	0
469	466	38.22	2.02	3.2	5.23	7.07	0	0	-51	1	0	1	1	1	0	0.000	0
470	467	38.3	2.19	3.2	5.33	7.13	0	0	-58	1	0	1	1	1	0	0.000	0
471	468	38.39	2.46	3.2	5.45	7.34	0	0	-73	1	0	1	1	1	0	0.000	0
472	469	38.47	2.88	3.2	5.55	7.52	0	0	-104	1	0	1	1	1	0	0.000	0
473	470	38.55	3.17	3.2	5.61	7.56	0	0	-133	1	0	0	1	1	0	0.000	0
474	471	38.63	3.15	3.2	5.62	7.63	0	0	-131	1	0	0	1	1	0	0.000	0
475	472	38.71	2.82	3.2	5.63	7.68	0	0	-98	1	0	1	1	1	0	0.000	0
476	473	38.8	2.66	3.2	5.6	7.7	0	0	-86	1	0	1	1	1	0	0.000	0
477	474	38.88	2.67	3.2	5.59	7.65	0	0	-86	1	0	1	1	1	0	0.000	0
478	475	38.96	2.76	3.2	5.54	7.67	0	0	-94	1	0	1	1	1	0	0.000	0
479	476	39.04	2.79	3.2	5.49	7.46	0	0	-97	1	0	1	1	1	0	0.000	0
480	477	39.12	2.86	3.2	5.42	7.42	0	0	-105	1	0	1	1	1	0	0.000	0
481	478	39.21	3.02	3.2	5.45	7.4	0	0	-120	1	0	0	1	1	0	0.000	0
482	479	39.29	3.37	3.2	5.5	7.57	0	0	-160	1	0	0	1	1	0	0.000	0
483	480	39.37	3.69	3.3	5.49	7.59	0	0	-210	1	0	0	1	1	0	0.000	0
484	481	39.45	4.08	3.3	5.38	7.43	0	0	-295	1	0	0	1	1	0	0.000	0
485	482	39.53	4.2	3.3	5.2	7.24	0	0	-333	1	0	0	1	1	0	0.000	0
486	483	39.62	4.27	3.3	5.05	7.02	0	0	-360	1	0	0	1	1	0	0.000	0
487	484	39.7	4.08	3.3	5	6.95	0	0	-370	1	0	0	1	1	0	0.000	0
488	485	39.78	3.92	3.3	5.08	7.06	0	0	-269	1	0	0	1	1	0	0.000	0
489	486	39.86	3.78	3.3	5.18	7.31	0	0	-236	1	0	0	1	1	0	0.000	0
490	487	39.94	3.23	3.2	5.44	7.4	0	0	-143	1	0	0	1	1	0	0.000	0
491	488	40.03	2.56	3.2	5.73	8	0	0	-77	1	0	1	1	1	0	0.000	0
492	489	40.11	2.05	3.1	5.97	8.38	0	0	-47	1	0	1	1	1	0	0.000	0
493	490	40.19	2.01	3.1	6.01	8.3	0	0	-45	1	0	1	1	1	0	0.000	0
494	491	40.27	2.38	3.1	6.08	8.27	0	0	-62	1	0	1	1	1	0	0.000	0
495	492	40.35	2.68	3.1	6.58	8.59	0	0	-75	1	0	1	1	1	0	0.000	0
496	493	40.44	3.24	3.1	7.65	9.98	0	0	-99	1	0	0	1	1	0	0.000	0
497	494	40.52	3.27	3.0	9.55	12.23	0	0	-62	1	0	0	1	1	0	0.000	0
498	495	40.6	3.25	3.0	10.56	15.97	0	0	-40	1	0	0	1	1	0	0.000	0
499	496	40.68	2.97	3.0	10.25	14.41	0	0	-37	1	0	1	1	1	0	0.000	0
500	497	40.76	3.14	3.1	8.42	11.9	0	0	-77	1	0	0	1	1	0	0.000	0
501	498	40.85	3.52	3.2	6.85	9.67	0	0	-147	1	0	0	1	1	0	0.000	0
502	499	40.93	4.18	3.3	5.81	8.65	0	0	-300	1	0	0	1	1	0	0.000	0
503	500	41.01	4.57	3.3	5.34	7.68	0	0	-441	1	0	0	1	1	0	0.000	0
504	501	41.09	4.87	3.4	5.12	7.48	0	0	-576	1	0	0	1	1	0	0.000	0
505	502	41.17	4.93	3.4	5.12	7.45	0	0	-604	1	0	0	1	1	0	0.000	0
506	503	41.26	5.02	3.4	5.14	7.43	0	0	-647	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	5.19	3.4	5.15	7.47	0	0	-738	1	0	0	1	1	0	0.000	0
508	505	41.42	5.55	3.4	5.13	7.51	0	0	-976	1	0	0	1	1	0	0.000	0
509	506	41.5	5.74	3.4	5.04	7.45	0	0	-1142	1	0	0	1	1	0	0.000	0
510	507	41.58	5.81	3.4	4.94	7.25	0	0	-1220	1	0	0	1	1	0	0.000	0
511	508	41.67	5.94	3.4	4.82	7.26	0	0	-1368	1	0	0	1	1	0	0.000	0
512	509	41.75	6.17	3.4	4.74	7.1	0	0	-1641	1	0	0	1	1	0	0.000	0
513	510	41.83	6.47	3.5	4.62	6.98	0	0	-2081	1	0	0	1	1	0	0.000	0
514	511	41.91	6.36	3.5	4.56	6.89	0	0	-1933	1	0	0	1	1	0	0.000	0
515	512	41.99	5.95	3.5	4.52	6.99	0	0	-1432	1	0	0	1	1	0	0.000	0
516	513	42.08	5.29	3.4	4.55	6.91	0	0	-862	1	0	0	1	1	0	0.000	0
517	514	42.16	4.95	3.4	4.57	7.03	0	0	-660	1	0	0	1	1	0	0.000	0
518	515	42.24	4.9	3.4	4.67	7.09	0	0	-626	1	0	0	1	1	0	0.000	0
519	516	42.32	5.1	3.4	4.86	7.28	0	0	-715	1	0	0	1	1	0	0.000	0
520	517	42.4	5.16	3.4	5.11	7.7	0	0	-724	1	0	0	1	1	0	0.000	0
521	518	42.49	5.17	3.4	5.38	8	0	0	-703	1	0	0	1	1	0	0.000	0
522	519	42.57	5.31	3.4	5.52	8.28	0	0	-769	1	0	0	1	1	0	0.000	0
523	520	42.65	5.65	3.4	5.53	8.32	0	0	-997	1	0	0	1	1	0	0.000	0
524	521	42.73	5.91	3.4	5.45	8.11	0	0	[illegible]	1	0	0	1	1	0	0.000	0
525	522	42.81	6.01	3.4	5.3	8.09	0	0	-1[illegible]51	1	0	0	1	1	0	0.000	0
526	523	42.9	6.03	3.4	5.05	7.87	0	0	-14[illegible]9	1	0	0	1	1	0	0.000	0
527	524	42.98	6.24	3.5	4.71	7.29	0	0	-173[illegible]	1	0	0	1	1	0	0.000	0
528	525	43.06	6.4	3.5	4.39	6.89	0	0	-[illegible]34	1	0	0	1	1	0	0.000	0
529	526	43.14	6.37	3.5	4.14	6.65	0	0	-2051	1	0	0	1	1	0	0.000	0
530	527	43.22	6.18	3.5	3.94	6.34	0	0	-1824	1	0	0	1	1	0	0.000	0
531	528	43.31	6.18	3.5	3.76	6.16	0	0	-1862	1	0	0	1	1	0	0.000	0
532	529	43.39	6.26	3.5	3.65	5.98	0	0	-2001	1	0	0	1	1	0	0.000	0
533	530	43.47	6.29	3.6	3.59	5.92	0	0	-2060	1	0	0	1	1	0	0.000	0
534	531	43.55	6.13	3.5	3.58	5.96	0	0	-1831	1	0	0	1	1	0	0.000	0
535	532	43.63	5.93	3.5	3.57	5.96	0	0	-1578	1	0	0	1	1	0	0.000	0
536	533	43.72	5.83	3.5	3.53	5.85	0	0	-1470	1	0	0	1	1	0	0.000	0
537	534	43.8	5.83	3.5	3.48	5.76	0	0	-1478	1	0	0	1	1	0	0.000	0
538	535	43.88	5.73	3.5	3.49	5.71	0	0	-1369	1	0	0	1	1	0	0.000	0
539	536	43.96	5.76	3.5	3.55	5.84	0	0	-1391	1	0	0	1	1	0	0.000	0
540	537	44.04	5.99	3.5	3.67	5.96	0	0	-1633	1	0	0	1	1	0	0.000	0
541	538	44.13	6.24	3.5	3.79	6.12	0	0	-1941	1	0	0	1	1	0	0.000	0
542	539	44.21	6.15	3.5	3.94	6.26	0	0	-1784	1	0	0	1	1	0	0.000	0
543	540	44.29	5.67	3.5	4.08	6.51	0	0	-1222	1	0	0	1	1	0	0.000	0
544	541	44.37	5.25	3.5	4.17	6.64	0	0	-876	1	0	0	1	1	0	0.000	0
545	542	44.45	5	3.4	4.19	6.57	0	0	-719	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	4.9	3.4	4.18	6.56	0	0	-665	1	0	0	1	1	0	0.000	0
547	544	44.62	4.78	3.4	4.16	6.52	0	0	-607	1	0	0	1	1	0	0.000	0
548	545	44.7	4.64	3.4	4.11	6.41	0	0	-546	1	0	0	1	1	0	0.000	0
549	546	44.78	4.51	3.4	4	6.34	0	0	-498	1	0	0	1	1	0	0.000	0
550	547	44.86	4.28	3.4	3.89	6.06	0	0	-419	1	0	0	1	1	0	0.000	0
551	548	44.95	3.88	3.4	3.76	5.94	0	0	-307	1	0	0	1	1	0	0.000	0
552	549	45.03	3.41	3.4	3.65	5.79	0	0	-210	1	0	0	1	1	0	0.000	0
553	550	45.11	3.06	3.4	3.53	5.56	0	0	-157	1	0	0	1	1	0	0.000	0
554	551	45.19	2.75	3.4	3.42	5.39	0	0	-122	1	0	1	1	1	0	0.000	0
555	552	45.27	2.45	3.4	3.42	5.35	0	0	-93	1	0	1	1	1	0	0.000	0
556	553	45.36	2.36	3.3	3.59	5.48	0	0	-85	1	0	1	1	1	0	0.000	0
557	554	45.44	2.38	3.3	4.12	5.97	0	0	-81	1	0	1	1	1	0	0.000	0
558	555	45.52	2.62	3.2	4.75	7.34	0	0	-93	1	0	1	1	1	0	0.000	0
559	556	45.6	2.9	3.2	5.38	7.91	0	0	-109	1	0	1	1	1	0	0.000	0
560	557	45.69	3.27	3.2	5.77	8.52	0	0	-141	1	0	0	1	1	0	0.000	0
561	558	45.77	3.62	3.2	6.19	9.01	0	0	-178	1	0	0	1	1	0	0.000	0
562	559	45.85	3.99	3.2	6.55	9.77	0	0	-229	1	0	0	1	1	0	0.000	0
563	560	45.93	4.35	3.2	6.69	10.1	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	4.73	3.3	6.57	9.69	0	0	-[illegible]14	1	0	0	1	1	0	0.000	0
565	562	46.1	5.25	3.3	6.21	9.41	0	0	-6[illegible]1	1	0	0	1	1	0	0.000	0
566	563	46.18	6.1	3.4	5.71	8.81	0	0	-1363	1	0	0	1	1	0	0.000	0
567	564	46.26	7.11	3.5	5.15	7.82	0	0	-[illegible]86	1	0	0	1	1	0	0.000	0
568	565	46.34	7.78	3.5	4.69	7.41	0	0	-5260	1	0	0	1	1	0	0.000	0
569	566	46.42	7.74	3.5	4.41	7.12	0	0	-5299	1	0	0	1	1	0	0.000	0
570	567	46.51	7.36	3.5	4.21	6.79	0	0	-4158	1	0	0	1	1	0	0.000	0
571	568	46.59	6.71	3.5	4.1	6.55	0	0	-2643	1	0	0	1	1	0	0.000	0
572	569	46.67	6	3.5	4.07	6.56	0	0	-1570	1	0	0	1	1	0	0.000	0
573	570	46.75	5.25	3.5	4.14	6.59	0	0	-879	1	0	0	1	1	0	0.000	0
574	571	46.83	4.76	3.4	4.24	6.72	0	0	-591	1	0	0	1	1	0	0.000	0
575	572	46.92	4.63	3.4	4.39	6.9	0	0	-523	1	0	0	1	1	0	0.000	0
576	573	47	5.03	3.4	4.54	7.13	0	0	-705	1	0	0	1	1	0	0.000	0
577	574	47.08	5.68	3.4	4.68	7.29	0	0	-1144	1	0	0	1	1	0	0.000	0
578	575	47.16	6.16	3.4	4.78	7.43	0	0	-1621	1	0	0	1	1	0	0.000	0
579	576	47.24	6.32	3.4	4.82	7.51	0	0	-1816	1	0	0	1	1	0	0.000	0
580	577	47.33	6.28	3.4	4.88	7.46	0	0	-1749	1	0	0	1	1	0	0.000	0
581	578	47.41	6.2	3.4	4.98	7.62	0	0	-1626	1	0	0	1	1	0	0.000	0
582	579	47.49	5.93	3.4	5.16	7.82	0	0	-1297	1	0	0	1	1	0	0.000	0
583	580	47.57	5.6	3.4	5.32	8.1	0	0	-988	1	0	0	1	1	0	0.000	0
584	581	47.65	5.39	3.4	5.37	8.21	0	0	-835	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	5.4	3.4	5.3	8.04	0	0	-850	1	0	0	1	1	0	0.000	0
586	583	47.82	5.44	3.4	5.21	7.86	0	0	-888	1	0	0	1	1	0	0.000	0
587	584	47.9	5.16	3.4	5.16	7.84	0	0	-720	1	0	0	1	1	0	0.000	0
588	585	47.98	4.74	3.4	5.15	7.87	0	0	-518	1	0	0	1	1	0	0.000	0
589	586	48.06	4.6	3.3	5.12	7.81	0	0	-465	1	0	0	1	1	0	0.000	0
590	587	48.15	4.79	3.4	5.13	7.66	0	0	-540	1	0	0	1	1	0	0.000	0
591	588	48.23	5.34	3.4	5.25	7.79	0	0	-817	1	0	0	1	1	0	0.000	0
592	589	48.31	5.59	3.3	6	8.1	0	0	-888	1	0	0	1	1	0	0.000	0
593	590	48.39	5.35	3.2	9.47	10.41	0	0	-344	1	0	0	1	1	0	0.000	0
594	591	48.47	4.72	3.0	15.71	21.96	0	0	223	1	0	0	0	1	0	0.000	0
595	592	48.56	3.81	2.8	24.15	35.12	0	0	386	1	0	0	0	1	0	0.000	0
596	593	48.64	2.84	2.5	36.46	47.55	0	0	348	1	1	1	0	1	0	0.000	0
597	594	48.72	2.05	2.3	51.35	69.69	0	0	279	1	1	1	0	1	0	0.000	0
598	595	48.8	1.68	2.2	69.89	89.53	0	0	294	1	1	1	0	1	0	0.000	0
599	596	48.88	1.44	2.1	87.35	115.62	0	0	306	1	1	1	0	1	0	0.000	0
600	597	48.97	1.27	2.0	102.93	131.55	0	0	315	1	1	1	0	1	0	0.000	0
601	598	49.05	1.11	1.9	113.72	141.7	0	0	303	1	1	1	0	1	0	0.000	0
602	599	49.13	1.06	1.9	117.95	147.67	0	0	291	1	1	1	0	1	0	0.000	0
603	600	49.21	1.04	1.9	119.81	141.96	0	0.08	300	1	1	1	0	1	0	0.000	0
604	601	49.29	1.04	1.9	118.06	147.06	0	0.06	255	1	1	1	0	1	0	0.000	0
605	602	49.38	0.98	1.9	116.38	140.16	0	0.08	274	1	1	1	0	1	0	0.000	0
606	603	49.46	0.96	1.9	111.65	133.68	0	0.09	257	1	1	1	0	1	0	0.000	0
607	604	49.54	0.94	1.9	107.75	128.27	0	0.1	242	1	1	1	0	1	0	0.000	0
608	605	49.62	0.89	1.9	106.3	124.67	0	0.12	227	1	1	1	0	1	0	0.000	0
609	606	49.7	0.82	1.8	106.5	125.22	0	0.14	213	1	1	1	0	1	0	0.000	0
610	607	49.79	0.76	1.8	108.87	124.25	0	0.16	206	1	1	1	0	1	0	0.000	0
611	608	49.87	0.77	1.8	109.76	129.42	0	0.1	210	1	1	1	0	1	0	0.000	0
612	609	49.95	0.9	1.9	108.05	130.26	0	0.11	234	1	1	1	0	1	0	0.000	0
613	610	50.03	1.02	1.9	106.39	126.64	0	0.09	258	1	1	1	0	1	0	0.000	0
614	611	50.11	1.2	2.0	102.55	133.54	0	0.05	294	1	1	1	0	1	0	0.000	0
615	612	50.2	1.33	2.0	100.35	126.19	0	0.05	324	1	1	1	0	1	0	0.000	0
616	613	50.28	1.57	2.0	99.79	126.29	0	0.03	403	1	1	1	0	1	0	0.000	0
617	614	50.36	1.71	2.1	105.49	139.94	0	0	489	1	1	1	0	1	0	0.000	0
618	615	50.44	1.7	2.0	113.75	154.63	0	0	528	1	1	1	0	1	0	0.000	0
619	616	50.52	1.57	2.0	122.28	159.83	0	0	507	1	1	1	0	1	0	0.000	0
620	617	50.61	1.36	1.9	128.48	168.58	0	0	440	0	1	1	0	1	0	0.000	0
621	618	50.69	1.15	1.9	135.39	166.61	0	0.03	382	0	1	1	0	1	0	0.000	0
622	619	50.77	0.93	1.8	143.82	171.22	0	0.05	331	0	1	1	0	1	0	0.000	0
623	620	50.85	0.85	1.7	148.07	186.32	0	0.02	316	0	1	1	0	1	0	0.000	0
624	621	50.93	0.84	1.7	146.69	176.31	0	0.04	310	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	0.92	1.8	137.26	165.56	0	0.06	311	0	1	1	0	1	0	0.000	0
626	623	51.1	0.94	1.8	130.49	154.15	0	0.08	300	1	1	1	0	1	0	0.000	0
627	624	51.18	0.98	1.8	124.84	152.39	0	0.07	297	1	1	1	0	1	0	0.000	0
628	625	51.26	0.96	1.8	124.19	146.64	0	0.08	289	1	1	1	0	1	0	0.000	0
629	626	51.34	0.9	1.8	124.63	150.89	0	0.08	274	1	1	1	0	1	0	0.000	0
630	627	51.43	0.79	1.8	128.42	150.28	0	0.09	255	1	1	1	0	1	0	0.000	0
631	628	51.51	0.69	1.7	128.91	154.83	0	0.08	232	1	1	1	0	1	0	0.000	0
632	629	51.59	0.67	1.7	128.17	147.26	0	0.1	226	1	1	1	0	1	0	0.000	0
633	630	51.67	0.68	1.7	125.86	146.42	0	0.1	224	1	1	1	0	1	0	0.000	0
634	631	51.75	0.72	1.7	125.44	146.62	0	0.1	232	1	1	1	0	1	0	0.000	0
635	632	51.84	0.72	1.8	124.6	148.25	0	0.1	230	1	1	1	0	1	0	0.000	0
636	633	51.92	0.71	1.8	122.59	143.32	0	0.11	224	1	1	1	0	1	0	0.000	0
637	634	52	0.64	1.7	119.84	138.53	0	0.12	204	1	1	1	0	1	0	0.000	0
638	635	52.08	0.61	1.7	116.6	134.43	0	0	192	1	1	1	0	1	0	0.000	0
639	636	52.16	0.62	1.8	109.77	129.21	0	0	181	1	1	1	0	1	0	0.000	0
640	637	52.25	0.73	1.8	97.92	115.53	0	0	177	1	1	1	0	1	0	0.000	0
641	638	52.33	1.05	2.0	81.6	103.28	0	0	195	1	1	1	0	1	0	0.000	0
642	639	52.41	1.64	2.2	62.19	87.4	0	0	245	1	1	1	0	1	0	0.000	0
643	640	52.49	2.64	2.5	44.19	59.36	0	0	386	1	1	1	0	1	0	0.000	0
644	641	52.57	4.06	2.7	29.85	42.37	0	0	706	1	0	0	0	1	0	0.000	0
645	642	52.66	5.32	2.9	22.47	33.08	0	0	1107	1	0	0	0	1	0	0.000	0
646	643	52.74	6.44	3.0	17.11	26.63	0	0	1391	1	0	0	0	1	0	0.000	0
647	644	52.82	7.36	3.2	12.98	18.19	0	0	24	1	0	0	0	1	0	0.000	0
648	645	52.9	7.7	3.2	10.08	14.59	0	0	-1541	1	0	0	1	1	0	0.000	0
649	646	52.98	7.18	3.3	8.85	13.72	0	0	-1	1	0	0	1	1	0	0.000	0
650	647	53.07	6.55	3.3	8.31	12.55	0	0	-1173	1	0	0	1	1	0	0.000	0
651	648	53.15	6.24	3.2	8.64	12.04	0	0	-860	1	0	0	1	1	0	0.000	0
652	649	53.23	5.76	3.2	9.76	14.81	0	0	-426	1	0	0	1	1	0	0.000	0
653	650	53.31	4.58	3.0	12.81	17.24	0	0	19	1	0	0	1	1	0	0.000	0
654	651	53.4	4.09	2.9	15.69	25.43	0	0	133	1	0	0	0	1	0	0.000	0
655	652	53.48	3.83	2.9	16.21	27.91	0	0	125	1	0	0	0	1	0	0.000	0
656	653	53.56	4	2.9	15.56	19.96	0	0	119	1	0	0	0	1	0	0.000	0
657	654	53.64	4.48	3.0	14.83	22.81	0	0	133	1	0	0	0	1	0	0.000	0
658	655	53.72	5.16	3.0	16.19	24.65	0	0	362	1	0	0	0	1	0	0.000	0
659	656	53.81	6.09	3.0	17.14	25.99	0	0	925	1	0	0	0	1	0	0.000	0
660	657	53.89	6.04	3.0	19.09	27.02	0	0	1265	1	0	0	0	1	0	0.000	0
661	658	53.97	4.3	2.8	26.68	33.26	0	0	702	1	0	0	0	1	0	0.000	0
662	659	54.05	2.87	2.5	39.05	61.95	0	0	395	1	1	1	0	1	0	0.000	0
663	660	54.13	2.04	2.3	53.4	75.41	0	0	291	1	1	1	0	1	0	0.000	0
664	661	54.22	1.68	2.2	61.17	86.31	0	0	249	1	1	1	0	1	0	0.000	0
665	662	54.3	1.27	2.1	66.6	88.67	0	0	189	1	1	1	0	1	0	0.000	0
666	663	54.38	0.94	2.0	68.43	88.65	0	0	142	1	1	1	0	1	0	0.000	0
667	664	54.46	0.79	2.0	67.62	84.2	0	0	121	1	1	1	0	1	0	0.000	0
668	665	54.54	0.88	2.0	63.3	80.86	0	0	122	1	1	1	0	1	0	0.000	0
669	666	54.63	1.16	2.1	57.82	75.83	0	0	142	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	1.62	2.3	50.93	71.36	0	0	186	1	1	1	0	1	0	0.000	0
671	668	54.79	2.2	2.4	43.65	62.09	0	0	256	1	1	1	0	1	0	0.000	0
672	669	54.87	2.8	2.5	37.56	52.8	0	0	351	1	1	1	0	1	0	0.000	0
673	670	54.95	3.31	2.6	33.8	50.29	0	0	463	1	0	0	0	1	0	0.000	0
674	671	55.04	3.42	2.6	37.61	48.57	0	0	600	1	1	0	0	1	0	0.000	0
675	672	55.12	2.8	2.4	51.13	70.08	0	0	541	1	1	1	0	1	0	0.000	0
676	673	55.2	2.18	2.3	69.44	106.63	0	0	460	1	1	1	0	1	0	0.000	0
677	674	55.28	1.79	2.1	85.16	119.97	0	0	412	1	1	1	0	1	0	0.000	0
678	675	55.36	1.73	2.1	91.95	129.76	0	0	426	1	1	1	0	1	0	0.000	0
679	676	55.45	1.6	2.1	95.2	132.89	0	0	393	1	1	1	0	1	0	0.000	0
680	677	55.53	1.46	2.0	96.6	129.57	0	0	351	1	1	1	0	1	0	0.000	0
681	678	55.61	1.26	2.0	98.29	129.41	0	0	296	1	1	1	0	1	0	0.000	0
682	679	55.69	1.14	1.9	100.87	130.94	0	0	272	1	1	1	0	1	0	0.000	0
683	680	55.77	1.11	1.9	103.47	133.3	0	0.06	272	1	1	1	0	1	0	0.000	0
684	681	55.86	1.08	1.9	105.57	136.56	0	0.06	271	1	1	1	0	1	0	0.000	0
685	682	55.94	1.1	1.9	104.18	137.89	0	0.05	272	1	1	1	0	1	0	0.000	0
686	683	56.02	1.04	1.9	99.52	128.28	0	0.07	244	1	1	1	0	1	0	0.000	0
687	684	56.1	0.99	1.9	93.96	116.32	0	0.1	217	1	1	1	0	1	0	0.000	0
688	685	56.18	0.93	1.9	88.02	114.26	0	0.1	190	1	1	1	0	1	0	0.000	0
689	686	56.27	0.89	1.9	83.16	103.19	0	0.13	171	1	1	1	0	1	0	0.000	0
690	687	56.35	0.86	2.0	77.92	96.91	0	0.14	154	1	1	1	0	1	0	0.000	0
691	688	56.43	0.76	1.9	75.25	92.75	0	0.18	134	1	1	1	0	1	0	0.000	0
692	689	56.51	0.64	1.9	75.18	88.49	0	0.24	11[illegible]	1	1	1	0	1	0	0.000	0
693	690	56.59	0.51	1.8	76.71	88.61	0	0.33	107	1	1	1	0	1	0	0.000	0
694	691	56.68	0.46	1.8	77.94	89.11	0	0.37	94	1	1	1	0	1	0	0.000	0
695	692	56.76	0.46	1.8	79.24	87.45	0	0.39	106	1	1	1	0	1	0	0.000	0
696	693	56.84	0.49	1.8	80.01	92.26	0	0.34	110	1	1	1	0	1	0	0.000	0
697	694	56.92	0.55	1.8	82.04	93.97	0	0.31	121	1	1	1	0	1	0	0.000	0
698	695	57	0.62	1.9	82.89	99	0	0.24	131	1	1	1	0	1	0	0.000	0
699	696	57.09	0.67	1.9	82.98	100.27	0	0.21	138	1	1	1	0	1	0	0.000	0
700	697	57.17	0.72	1.9	83.91	98.98	0	0.2	147	1	1	1	0	1	0	0.000	0
701	698	57.25	0.69	1.9	86.72	104.9	0	0.2	148	1	1	1	0	1	0	0.000	0
702	699	57.33	0.64	1.8	92.19	107.78	0	0.23	151	1	1	1	0	1	0	0.000	0
703	700	57.41	0.59	1.8	96.96	113.66	0	0.22	153	1	1	1	0	1	0	0.000	0
704	701	57.5	0.58	1.8	102.1	117.78	0	0.2	160	1	1	1	0	1	0	0.000	0
705	702	57.58	0.6	1.8	106.03	125.25	0	0.17	171	1	1	1	0	1	0	0.000	0
706	703	57.66	0.59	1.7	109.44	129.46	0	0.15	175	1	1	1	0	1	0	0.000	0
707	704	57.74	0.6	1.7	111.24	130.36	0	0.15	180	1	1	1	0	1	0	0.000	0
708	705	57.82	0.57	1.7	112.3	132.66	0	0.14	177	1	1	1	0	1	0	0.000	0
709	706	57.91	0.65	1.8	110.98	132.14	0	0.14	189	1	1	1	0	1	0	0.000	0
710	707	57.99	0.73	1.8	108.42	130.79	0	0.14	199	1	1	1	0	1	0	0.000	0
711	708	58.07	0.84	1.8	106.79	129.24	0	0.12	218	1	1	1	0	1	0	0.000	0
712	709	58.15	0.84	1.8	109.91	132.91	0	0.12	225	1	1	1	0	1	0	0.000	0
713	710	58.23	0.86	1.8	111.84	144.73	0	0.09	234	1	1	1	0	1	0	0.000	0
714	711	58.32	0.86	1.8	112.68	137.23	0	0.11	236	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	0.96	1.9	105.41	139.76	0	0.07	241	1	1	1	0	1	0	0.000	0
716	713	58.48	1.17	2.0	98.02	126.76	0	0.06	271	1	1	1	0	1	0	0.000	0
717	714	58.56	1.45	2.1	89.64	124.28	0	0.04	319	1	1	1	0	1	0	0.000	0
718	715	58.64	1.38	2.0	88.06	118.75	0	0.05	292	1	1	1	0	1	0	0.000	0
719	716	58.73	1.28	2.0	89.82	120.05	0	0.05	272	1	1	1	0	1	0	0.000	0
720	717	58.81	1.21	2.0	93.1	127.56	0	0.05	265	1	1	1	0	1	0	0.000	0
721	718	58.89	1.2	2.0	95.87	128.92	0	0.05	272	1	1	1	0	1	0	0.000	0
722	719	58.97	1.03	1.9	99.24	128.37	0	0.07	240	1	1	1	0	1	0	0.000	0
723	720	59.05	0.86	1.9	105.06	129.22	0	0.11	218	1	1	1	0	1	0	0.000	0
724	721	59.14	0.94	1.9	108.53	140.57	0	0.08	244	1	1	1	0	1	0	0.000	0
725	722	59.22	1.1	1.9	107.09	146.16	0	0.04	280	1	1	1	0	1	0	0.000	0
726	723	59.3	1.23	2.0	104.88	135.71	0	0.05	310	1	1	1	0	1	0	0.000	0
727	724	59.38	1.24	2.0	102.51	141.71	0	0.02	305	1	1	1	0	1	0	0.000	0
728	725	59.46	1.2	2.0	101.82	138.69	0	0.04	291	1	1	1	0	1	0	0.000	0
729	726	59.55	1.01	1.9	97.67	129.93	0	0.07	232	1	1	1	0	1	0	0.000	0
730	727	59.63	0.84	1.9	94.14	113.51	0	0.14	188	1	1	1	0	1	0	0.000	0
731	728	59.71	0.71	1.9	91.19	111.66	0	0.18	160	1	1	1	0	1	0	0.000	0
732	729	59.79	0.69	1.8	92.97	108.18	0	0.21	160	1	1	1	0	1	0	0.000	0
733	730	59.87	0.74	1.9	94.83	117.91	0	0.15	172	1	1	1	0	1	0	0.000	0
734	731	59.96	0.89	1.9	96.07	124.07	0	0.1	202	1	1	1	0	1	0	0.000	0
735	732	60.04	1.02	1.9	96.09	124.16	0	0.08	229	1	1	1	0	1	0	0.000	0
736	733	60.12	1.06	1.9	97.68	127.85	0	0.07	243	1	1	1	0	1	0	0.000	0
737	734	60.2	0.99	1.9	101.7	133.15	0	0.07	23	1	1	1	0	1	0	0.000	0
738	735	60.28	0.95	1.9	103.8	136.27	0	0.07	234	1	1	1	0	1	0	0.000	0
739	736	60.37	0.91	1.9	104.29	131.85	0	0.09	27	1	1	1	0	1	0	0.000	0
740	737	60.45	0.85	1.9	102.69	130.79	0	0.11	210	1	1	1	0	1	0	0.000	0
741	738	60.53	0.73	1.8	103.2	123.03	0	0.16	188	1	1	1	0	1	0	0.000	0
742	739	60.61	0.67	1.8	103.8	124.52	0	0.17	178	1	1	1	0	1	0	0.000	0
743	740	60.69	0.6	1.8	107.23	126.65	0	0.16	173	1	1	1	0	1	0	0.000	0
744	741	60.78	0.62	1.8	109.84	131.72	0	0.14	181	1	1	1	0	1	0	0.000	0
745	742	60.86	0.54	1.7	114.7	136.48	0	0.13	176	1	1	1	0	1	0	0.000	0
746	743	60.94	0.5	1.7	118.69	140.12	0	0.12	176	1	1	1	0	1	0	0.000	0
747	744	61.02	0.41	1.6	125.39	144.33	0	0.11	171	1	1	1	0	1	0	0.000	0
748	745	61.1	0.43	1.6	128.41	155.04	0	0.08	179	1	1	1	0	1	0	0.000	0
749	746	61.19	0.47	1.6	129.05	153.64	0	0.08	187	1	1	1	0	1	0	0.000	0
750	747	61.27	0.69	1.7	122.14	150.83	0	0.09	219	1	1	1	0	1	0	0.000	0
751	748	61.35	0.95	1.9	112.87	148.19	0	0.07	258	1	1	1	0	1	0	0.000	0
752	749	61.43	1.16	1.9	104.64	138.84	0	0.05	289	1	1	1	0	1	0	0.000	0
753	750	61.52	1.21	2.0	96.58	135.6	0	0.04	277	1	1	1	0	1	0	0.000	0
754	751	61.6	1.18	2.0	91.77	122.02	0	0.06	254	1	1	1	0	1	0	0.000	0
755	752	61.68	1.23	2.0	85.85	120.01	0	0.05	246	1	1	1	0	1	0	0.000	0
756	753	61.76	1.28	2.1	80.42	113.72	0	0.06	239	1	1	1	0	1	0	0.000	0
757	754	61.84	1.23	2.1	74.91	102.36	0	0.08	209	1	1	1	0	1	0	0.000	0
758	755	61.93	1.14	2.1	70.09	95.96	0	0	177	1	1	1	0	1	0	0.000	0
759	756	62.01	1.2	2.1	64.95	91.56	0	0	171	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	1.67	2.3	54.63	84.2	0	0	214	1	1	1	0	1	0	0.000	0
761	758	62.17	2.43	2.5	42.11	63.12	0	0	299	1	1	1	0	1	0	0.000	0
762	759	62.25	3.31	2.7	29.14	47.25	0	0	362	1	0	0	0	1	0	0.000	0
763	760	62.34	4.27	2.8	20.43	31.38	0	0	383	1	0	0	0	1	0	0.000	0
764	761	62.42	5.49	3.0	14.41	21.78	0	0	242	1	0	0	0	1	0	0.000	0
765	762	62.5	6.57	3.2	11.31	17.67	0	0	-338	1	0	0	1	1	0	0.000	0
766	763	62.58	6.31	3.2	10.26	16.34	0	0	-526	1	0	0	1	1	0	0.000	0
767	764	62.66	5.29	3.2	9.77	16.59	0	0	-296	1	0	0	1	1	0	0.000	0
768	765	62.75	4.5	3.1	9.35	15.26	0	0	-183	1	0	0	1	1	0	0.000	0
769	766	62.83	4.57	3.2	8.6	14.55	0	0	-240	1	0	0	1	1	0	0.000	0
770	767	62.91	4.59	3.2	8.26	13.14	0	0	-265	1	0	0	1	1	0	0.000	0
771	768	62.99	4.57	3.2	8.03	13.43	0	0	-275	1	0	0	1	1	0	0.000	0
772	769	63.07	4.3	3.2	7.98	13.29	0	0	-224	1	0	0	1	1	0	0.000	0
773	770	63.16	4.08	3.2	7.66	13.01	0	0	-200	1	0	0	1	1	0	0.000	0
774	771	63.24	3.93	3.2	7.36	12.18	0	0	-188	1	0	0	1	1	0	0.000	0
775	772	63.32	4.13	3.2	7.31	11.98	0	0	-224	1	0	0	1	1	0	0.000	0
776	773	63.4	4.51	3.2	7.61	12.51	0	0	-287	1	0	0	1	1	0	0.000	0
777	774	63.48	4.48	3.2	8.24	13.17	0	0	-244	1	0	0	1	1	0	0.000	0
778	775	63.57	4.01	3.1	9.08	14.82	0	0	-134	1	0	0	1	1	0	0.000	0
779	776	63.65	3.55	3.1	9.73	16.59	0	0	-74	1	0	0	1	1	0	0.000	0
780	777	63.73	3.49	3.1	9.66	16.73	0	0	-72	1	0	0	1	1	0	0.000	0
781	778	63.81	3.88	3.1	8.83	14.9	0	0	-129	1	0	0	1	1	0	0.000	0
782	779	63.89	4.24	3.2	7.94	13.01	0	0	-21	1	0	0	1	1	0	0.000	0
783	780	63.98	4.26	3.2	7.35	12.63	0	0	-247	1	0	0	1	1	0	0.000	0
784	781	64.06	3.84	3.2	7.03	12.07	0	0	-186	1	0	0	1	1	0	0.000	0
785	782	64.14	3.47	3.2	6.59	11.34	0	0	-147	1	0	0	1	1	0	0.000	0
786	783	64.22	3.31	3.2	6.09	10.49	0	0	-139	1	0	0	1	1	0	0.000	0
787	784	64.3	3.25	3.2	5.68	9.6	0	0	-141	1	0	0	1	1	0	0.000	0
788	785	64.39	3.07	3.2	5.47	9.22	0	0	-125	1	0	0	1	1	0	0.000	0
789	786	64.47	2.8	3.2	5.48	9.17	0	0	-98	1	0	1	1	1	0	0.000	0
790	787	64.55	2.56	3.2	5.57	9.35	0	0	-79	1	0	1	1	1	0	0.000	0
791	788	64.63	2.46	3.2	5.58	9.38	0	0	-72	1	0	1	1	1	0	0.000	0
792	789	64.71	2.21	3.2	5.43	9.03	0	0	-59	1	0	1	1	1	0	0.000	0
793	790	64.8	1.99	3.2	5.13	8.59	0	0	-50	1	0	1	1	1	0	0.000	0
794	791	64.88	1.73	3.2	4.81	8.13	0	0	-41	1	0	1	1	1	0	0.000	0
795	792	64.96	1.68	3.2	4.55	7.67	0	0	-41	1	0	1	1	1	0	0.000	0
796	793	65.04	1.59	3.2	4.36	7.36	0	0	-38	1	0	1	1	1	0	0.000	0
797	794	65.12	1.49	3.2	4.22	6.99	0	0	-35	1	0	1	1	1	0	0.000	0
798	795	65.21	1.44	3.2	4.14	6.89	0	0	-34	1	0	1	1	1	0	0.000	0
799	796	65.29	1.45	3.2	4.07	6.84	0	0	-35	1	0	1	1	1	0	0.000	0
800	797	65.37	1.47	3.2	4.01	6.7	0	0	-36	1	0	1	1	1	0	0.000	0
801	798	65.45	1.49	3.2	3.94	6.65	0	0	-37	1	0	1	1	1	0	0.000	0
802	799	65.53	1.47	3.2	3.9	6.57	0	0	-36	1	0	1	1	1	0	0.000	0
803	800	65.62	1.46	3.2	3.88	6.57	0	0	-36	1	0	1	1	1	0	0.000	0
804	801	65.7	1.47	3.2	3.92	6.58	0	0	-36	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	1.56	3.2	3.99	6.76	0	0	-39	1	0	1	1	1	0	0.000	0
806	803	65.86	1.66	3.2	4.11	6.89	0	0	-42	1	0	1	1	1	0	0.000	0
807	804	65.94	1.78	3.2	4.22	7.12	0	0	-46	1	0	1	1	1	0	0.000	0
808	805	66.03	1.85	3.2	4.3	7.31	0	0	-49	1	0	1	1	1	0	0.000	0
809	806	66.11	1.93	3.2	4.29	7.37	0	0	-53	1	0	1	1	1	0	0.000	0
810	807	66.19	1.98	3.2	4.19	7.21	0	0	-56	1	0	1	1	1	0	0.000	0
811	808	66.27	1.95	3.2	4.07	7.04	0	0	-55	1	0	1	1	1	0	0.000	0
812	809	66.35	1.81	3.2	3.98	6.94	0	0	-49	1	0	1	1	1	0	0.000	0
813	810	66.44	1.64	3.2	3.91	6.83	0	0	-42	1	0	1	1	1	0	0.000	0
814	811	66.52	1.56	3.2	3.88	6.7	0	0	-39	1	0	1	1	1	0	0.000	0
815	812	66.6	1.6	3.2	3.89	6.72	0	0	-41	1	0	1	1	1	0	0.000	0
816	813	66.68	1.67	3.2	3.94	6.79	0	0	-43	1	0	1	1	1	0	0.000	0
817	814	66.76	1.7	3.2	3.96	6.83	0	0	-45	1	0	1	1	1	0	0.000	0
818	815	66.85	1.73	3.2	4	6.8	0	0	-46	1	0	1	1	1	0	0.000	0
819	816	66.93	1.85	3.2	4.05	6.91	0	0	-51	1	0	1	1	1	0	0.000	0
820	817	67.01	2.02	3.2	4.18	7.05	0	0	-58	1	0	1	1	1	0	0.000	0
821	818	67.09	2.19	3.2	4.35	7.29	0	0	-66	1	0	1	1	1	0	0.000	0
822	819	67.17	2.38	3.2	4.51	7.66	0	0	-77	1	0	1	1	1	0	0.000	0
823	820	67.26	2.59	3.3	4.63	7.81	0	0	-92	1	0	1	1	1	0	0.000	0
824	821	67.34	2.8	3.3	4.66	7.92	0	0	-110	1	0	1	1	1	0	0.000	0
825	822	67.42	2.91	3.3	4.67	7.96	0	0	-121	1	0	1	1	1	0	0.000	0
826	823	67.5	2.99	3.3	4.65	7.93	0	0	-130	1	0	1	1	1	0	0.000	0
827	824	67.58	3.02	3.3	4.61	7.87	0	0	-131	1	0	0	1	1	0	0.000	0
828	825	67.67	3.03	3.3	4.55	7.79	0	0	-136	1	0	0	1	1	0	0.000	0
829	826	67.75	3	3.3	4.48	7.67	0	0	-134	1	0	0	1	1	0	0.000	0
830	827	67.83	2.97	3.3	4.41	7.62	0	0	-131	1	0	1	1	1	0	0.000	0
831	828	67.91	2.95	3.3	4.36	7.57	0	0	-130	1	0	1	1	1	0	0.000	0
832	829	67.99	2.95	3.3	4.29	7.44	0	0	-131	1	0	1	1	1	0	0.000	0
833	830	68.08	2.88	3.3	4.19	7.27	0	0	-125	1	0	1	1	1	0	0.000	0
834	831	68.16	2.82	3.3	4.07	7.09	0	0	-120	1	0	1	1	1	0	0.000	0
835	832	68.24	2.75	3.3	3.93	6.82	0	0	-115	1	0	1	1	1	0	0.000	0
836	833	68.32	2.78	3.3	3.8	6.61	0	0	-120	1	0	1	1	1	0	0.000	0
837	834	68.4	2.87	3.4	3.75	6.55	0	0	-130	1	0	1	1	1	0	0.000	0
838	835	68.49	2.99	3.4	3.76	6.62	0	0	-144	1	0	1	1	1	0	0.000	0
839	836	68.57	3.16	3.4	3.81	6.67	0	0	-166	1	0	0	1	1	0	0.000	0
840	837	68.65	3.23	3.4	3.83	6.74	0	0	-176	1	0	0	1	1	0	0.000	0
841	838	68.73	3.24	3.4	3.8	6.75	0	0	-178	1	0	0	1	1	0	0.000	0
842	839	68.81	3.18	3.4	3.75	6.64	0	0	-170	1	0	0	1	1	0	0.000	0
843	840	68.9	3.08	3.4	3.71	6.55	0	0	-157	1	0	0	1	1	0	0.000	0
844	841	68.98	3	3.4	3.69	6.55	0	0	-147	1	0	0	1	1	0	0.000	0
845	842	69.06	2.9	3.4	3.7	6.53	0	0	-135	1	0	1	1	1	0	0.000	0
846	843	69.14	2.88	3.4	3.72	6.58	0	0	-132	1	0	1	1	1	0	0.000	0
847	844	69.22	2.87	3.3	3.77	6.63	0	0	-130	1	0	1	1	1	0	0.000	0
848	845	69.31	2.86	3.3	3.79	6.71	0	0	-129	1	0	1	1	1	0	0.000	0
849	846	69.39	2.82	3.3	3.78	6.64	0	0	-124	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	2.81	3.3	3.75	6.58	0	0	-124	1	0	1	1	1	0	0.000	0
851	848	69.55	2.83	3.4	3.7	6.56	0	0	-127	1	0	1	1	1	0	0.000	0
852	849	69.64	2.89	3.4	3.68	6.48	0	0	-134	1	0	1	1	1	0	0.000	0
853	850	69.72	3.02	3.4	3.67	6.51	0	0	-150	1	0	0	1	1	0	0.000	0
854	851	69.8	3.09	3.4	3.72	6.6	0	0	-158	1	0	0	1	1	0	0.000	0
855	852	69.88	3.15	3.4	3.74	6.67	0	0	-166	1	0	0	1	1	0	0.000	0
856	853	69.96	3.19	3.4	3.7	6.71	0	0	-173	1	0	0	1	1	0	0.000	0
857	854	70.05	3.26	3.4	3.7	6.6	0	0	-183	1	0	0	1	1	0	0.000	0
858	855	70.13	3.31	3.4	3.76	6.73	0	0	-190	1	0	0	1	1	0	0.000	0
859	856	70.21	3.12	3.3	4	6.92	0	0	-157	1	0	0	1	1	0	0.000	0
860	857	70.29	2.92	3.3	4.25	7.44	0	0	-128	1	0	1	1	1	0	0.000	0
861	858	70.37	2.85	3.3	4.46	7.84	0	0	-118	1	0	1	1	1	0	0.000	0
862	859	70.46	3.01	3.3	4.64	8	0	0	-132	1	0	0	1	1	0	0.000	0
863	860	70.54	3.19	3.3	4.76	8.32	0	0	-152	1	0	0	1	1	0	0.000	0
864	861	70.62	3.15	3.3	4.92	8.52	0	0	-144	1	0	0	1	1	0	0.000	0
865	862	70.7	3.02	3.3	5.01	8.82	0	0	-127	1	0	0	1	1	0	0.000	0
866	863	70.78	2.97	3.2	5.1	8.86	0	0	-120	1	0	1	1	1	0	0.000	0
867	864	70.87	3.1	3.2	5.23	8.86	0	0	-132	1	0	0	1	1	0	0.000	0
868	865	70.95	3.29	3.3	5.28	9.21	0	0	-154	1	0	0	1	1	0	0.000	0
869	866	71.03	3.38	3.3	5.38	9.12	0	0	-164	1	0	0	1	1	0	0.000	0
870	867	71.11	3.44	3.3	5.5	9.45	0	0	-170	1	0	0	1	1	0	0.000	0
871	868	71.19	3.58	3.2	5.67	9.88	0	0	-187	1	0	0	1	1	0	0.000	0
872	869	71.28	3.8	3.3	5.8	10.02	0	0	-22[illegible]	1	0	0	1	1	0	0.000	0
873	870	71.36	4.15	3.3	5.85	10.25	0	0	-291	1	0	0	1	1	0	0.000	0
874	871	71.44	4.49	3.3	5.92	10.44	0	0	-380	1	0	0	1	1	0	0.000	0
875	872	71.52	4.86	3.3	5.97	10.62	0	0	-506	1	0	0	1	1	0	0.000	0
876	873	71.6	5.05	3.3	6.12	10.65	0	0	-574	1	0	0	1	1	0	0.000	0
877	874	71.69	5.25	3.3	6.31	11.1	0	0	-651	1	0	0	1	1	0	0.000	0
878	875	71.77	5.28	3.3	6.49	11.42	0	0	-647	1	0	0	1	1	0	0.000	0
879	876	71.85	5.39	3.3	6.53	11.51	0	0	-699	1	0	0	1	1	0	0.000	0
880	877	71.93	5.42	3.3	6.42	11.42	0	0	-729	1	0	0	1	1	0	0.000	0
881	878	72.01	5.62	3.3	6.19	11	0	0	-882	1	0	0	1	1	0	0.000	0
882	879	72.1	5.74	3.4	5.91	10.51	0	0	-1009	1	0	0	1	1	0	0.000	0
883	880	72.18	5.77	3.4	5.7	10.34	0	0	-1065	1	0	0	1	1	0	0.000	0
884	881	72.26	5.71	3.4	5.7	10.2	0	0	-1018	1	0	0	1	1	0	0.000	0
885	882	72.34	5.7	3.4	5.74	10.51	0	0	-1004	1	0	0	1	1	0	0.000	0
886	883	72.42	5.93	3.4	5.71	10.47	0	0	-1200	1	0	0	1	1	0	0.000	0
887	884	72.51	6.11	3.4	5.6	10.05	0	0	-1396	1	0	0	1	1	0	0.000	0
888	885	72.59	6.33	3.4	5.51	10.2	0	0	-1665	1	0	0	1	1	0	0.000	0
889	886	72.67	6.44	3.4	5.54	10.09	0	0	-1798	1	0	0	1	1	0	0.000	0
890	887	72.75	6.69	3.4	5.6	10.26	0	0	-2140	1	0	0	1	1	0	0.000	0
891	888	72.83	6.74	3.4	5.75	10.46	0	0	-2171	1	0	0	1	1	0	0.000	0
892	889	72.92	6.84	3.4	5.83	10.87	0	0	-2306	1	0	0	1	1	0	0.000	0
893	890	73	6.99	3.4	5.85	10.78	0	0	-2562	1	0	0	1	1	0	0.000	0
894	891	73.08	7.35	3.4	5.72	10.61	0	0	-3377	1	0	0	1	1	0	0.000	0

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895	892	73.16	7.65	3.4	5.63	10.35	0	0	-4226	1	0	0	1	1	0	0.000	0
896	893	73.24	7.91	3.5	5.58	10.33	0	0	-5100	1	0	0	1	1	0	0.000	0
897	894	73.33	7.92	3.5	5.62	10.36	0	0	-5106	1	0	0	1	1	0	0.000	0
898	895	73.41	8.04	3.5	5.65	10.47	0	0	-5522	1	0	0	1	1	0	0.000	0
899	896	73.49	8.08	3.5	5.62	10.49	0	0	-5701	1	0	0	1	1	0	0.000	0
900	897	73.57	8.23	3.5	5.49	10.21	0	0	-6437	1	0	0	1	1	0	0.000	0
901	898	73.65	8.13	3.5	5.27	9.78	0	0	-6200	1	0	0	1	1	0	0.000	0
902	899	73.74	7.9	3.5	5.02	9.48	0	0	-5475	1	0	0	1	1	0	0.000	0
903	900	73.82	7.59	3.5	4.82	9.01	0	0	-4530	1	0	0	1	1	0	0.000	0
904	901	73.9	7.26	3.5	4.7	8.8	0	0	-3645	1	0	0	1	1	0	0.000	0
905	902	73.98	6.67	3.5	4.68	8.79	0	0	-2390	1	0	0	1	1	0	0.000	0
906	903	74.06	6.06	3.4	4.69	8.83	0	0	-1522	1	0	0	1	1	0	0.000	0
907	904	74.15	5.61	3.4	4.67	8.82	0	0	-1086	1	0	0	1	1	0	0.000	0
908	905	74.23	5.5	3.4	4.66	8.7	0	0	-1000	1	0	0	1	1	0	0.000	0
909	906	74.31	5.58	3.4	4.65	8.68	0	0	-1064	1	0	0	1	1	0	0.000	0
910	907	74.39	5.8	3.4	4.71	8.74	0	0	-1248	1	0	0	1	1	0	0.000	0
911	908	74.47	6.38	3.5	4.76	8.94	0	0	-1913	1	0	0	1	1	0	0.000	0
912	909	74.56	7.23	3.5	4.78	9.04	0	0	-3531	1	0	0	1	1	0	0.000	0
913	910	74.64	7.97	3.5	4.72	9.05	0	0	-5976	1	0	0	1	1	0	0.000	0
914	911	74.72	8.47	3.5	4.59	8.92	0	0	-8550	1	0	0	1	1	0	0.000	0
915	912	74.8	8.44	3.5	4.47	8.6	0	0	-8506	1	0	0	1	1	0	0.000	0
916	913	74.88	8.1	3.5	4.46	8.47	0	0	-6754	1	0	0	1	1	0	0.000	0
917	914	74.97	7.37	3.5	4.59	8.73	0	0	-3995	1	0	0	1	1	0	0.000	0
918	915	75.05	6.88	3.5	4.7	9.01	0	0	-2776	1	0	0	1	1	0	0.000	0
919	916	75.13	6.95	3.5	4.65	8.79	0	0	-2939	1	0	0	1	1	0	0.000	0
920	917	75.21	7.41	3.5	4.49	8.43	0	0	-4162	1	0	0	1	1	0	0.000	0
921	918	75.29	7.79	3.5	4.37	8.22	0	0	-5513	1	0	0	1	1	0	0.000	0
922	919	75.38	7.8	3.5	4.35	8.27	0	0	-5565	1	0	0	1	1	0	0.000	0
923	920	75.46	7.83	3.5	4.34	8.35	0	0	-5690	1	0	0	1	1	0	0.000	0
924	921	75.54	8	3.5	4.32	8.19	0	0	-6415	1	0	0	1	1	0	0.000	0
925	922	75.62	8.25	3.6	4.29	8.18	0	0	-7643	1	0	0	1	1	0	0.000	0
926	923	75.7	8.3	3.6	4.28	8.2	0	0	-7917	1	0	0	1	1	0	0.000	0
927	924	75.79	8.13	3.6	4.26	8.17	0	0	-7066	1	0	0	1	1	0	0.000	0
928	925	75.87	7.81	3.5	4.22	8.11	0	0	-5694	1	0	0	1	1	0	0.000	0
929	926	75.95	7.46	3.5	4.21	8.05	0	0	-4463	1	0	0	1	1	0	0.000	0
930	927	76.03	6.91	3.5	4.2	8.02	0	0	-3019	1	0	0	1	1	0	0.000	0
931	928	76.11	6.42	3.5	4.21	7.99	0	0	-2110	1	0	0	1	1	0	0.000	0
932	929	76.2	6.22	3.5	4.16	8	0	0	-1831	1	0	0	1	1	0	0.000	0
933	930	76.28	6.37	3.5	4.05	7.8	0	0	-2073	1	0	0	1	1	0	0.000	0
934	931	76.36	6.22	3.5	3.86	7.42	0	0	-1897	1	0	0	1	1	0	0.000	0
935	932	76.44	5.72	3.5	3.73	7.17	0	0	-1322	1	0	0	1	1	0	0.000	0
936	933	76.52	5.1	3.5	3.72	7.09	0	0	-821	1	0	0	1	1	0	0.000	0
937	934	76.61	4.78	3.5	3.84	7.28	0	0	-630	1	0	0	1	1	0	0.000	0
938	935	76.69	4.59	3.4	3.92	7.52	0	0	-536	1	0	0	1	1	0	0.000	0
939	936	76.77	4.46	3.4	3.9	7.4	0	0	-484	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
940	937	76.85	4.4	3.4	3.8	7.25	0	0	-467	1	0	0	1	1	0	0.000	0
941	938	76.93	4.37	3.4	3.74	7.13	0	0	-459	1	0	0	1	1	0	0.000	0
942	939	77.02	4.26	3.4	3.69	7.03	0	0	-422	1	0	0	1	1	0	0.000	0
943	940	77.1	4.1	3.4	3.67	6.96	0	0	-371	1	0	0	1	1	0	0.000	0
944	941	77.18	3.95	3.4	3.68	6.94	0	0	-328	1	0	0	1	1	0	0.000	0
945	942	77.26	3.9	3.4	3.71	6.99	0	0	-314	1	0	0	1	1	0	0.000	0
946	943	77.34	3.83	3.4	3.78	7	0	0	-294	1	0	0	1	1	0	0.000	0
947	944	77.43	3.88	3.4	3.94	7.16	0	0	-300	1	0	0	1	1	0	0.000	0
948	945	77.51	3.89	3.4	4.12	7.66	0	0	-296	1	0	0	1	1	0	0.000	0
949	946	77.59	3.97	3.4	4.25	7.77	0	0	-312	1	0	0	1	1	0	0.000	0
950	947	77.67	4.01	3.4	4.22	7.81	0	0	-323	1	0	0	1	1	0	0.000	0
951	948	77.75	3.96	3.4	4.13	7.71	0	0	-314	1	0	0	1	1	0	0.000	0
952	949	77.84	3.83	3.4	3.98	7.52	0	0	-287	1	0	0	1	1	0	0.000	0
953	950	77.92	3.56	3.4	3.85	7.16	0	0	-232	1	0	0	1	1	0	0.000	0
954	951	78	3.37	3.4	3.76	6.97	0	0	-200	1	0	0	1	1	0	0.000	0
955	952	78.08	3.27	3.4	3.73	6.91	0	0	-184	1	0	0	1	1	0	0.000	0
956	953	78.17	3.26	3.4	3.82	6.83	0	0	-181	1	0	0	1	1	0	0.000	0
957	954	78.25	3.37	3.4	3.96	7.33	0	0	-195	1	0	0	1	1	0	0.000	0
958	955	78.33	3.55	3.4	4.17	7.49	0	0	-222	1	0	0	1	1	0	0.000	0
959	956	78.41	3.79	3.4	4.33	7.75	0	0	-266	1	0	0	1	1	0	0.000	0
960	957	78.49	4.16	3.4	4.49	8.01	0	0	-354	1	0	0	1	1	0	0.000	0
961	958	78.58	4.61	3.4	4.57	8.28	0	0	-504	1	0	0	1	1	0	0.000	0
962	959	78.66	5.12	3.4	4.57	8.38	0	0	-751	1	0	0	1	1	0	0.000	0
963	960	78.74	5.6	3.4	4.48	8.39	0	0	-1104	1	0	0	1	1	0	0.000	0
964	961	78.82	5.87	3.5	4.38	8.26	0	0	-1272	1	0	0	1	1	0	0.000	0
965	962	78.9	6	3.5	4.29	8.1	0	0	-1529	1	0	0	1	1	0	0.000	0
966	963	78.99	5.93	3.5	4.16	7.95	0	0	-1474	1	0	0	1	1	0	0.000	0
967	964	79.07	5.8	3.5	4.04	7.61	0	0	-1355	1	0	0	1	1	0	0.000	0
968	965	79.15	5.55	3.5	3.91	7.44	0	0	-1138	1	0	0	1	1	0	0.000	0
969	966	79.23	5.25	3.5	3.83	7.3	0	0	-912	1	0	0	1	1	0	0.000	0
970	967	79.31	5.09	3.5	3.76	7.16	0	0	-811	1	0	0	1	1	0	0.000	0
971	968	79.4	4.93	3.5	3.74	7.11	0	0	-717	1	0	0	1	1	0	0.000	0
972	969	79.48	4.71	3.5	3.77	7.14	0	0	-601	1	0	0	1	1	0	0.000	0
973	970	79.56	4.38	3.4	3.86	7.26	0	0	-456	1	0	0	1	1	0	0.000	0
974	971	79.64	4.33	3.4	3.93	7.43	0	0	-435	1	0	0	1	1	0	0.000	0
975	972	79.72	4.39	3.4	3.94	7.41	0	0	-456	1	0	0	1	1	0	0.000	0
976	973	79.81	4.5	3.4	3.88	7.27	0	0	-501	1	0	0	1	1	0	0.000	0
977	974	79.89	4.33	3.4	3.79	7.15	0	0	-442	1	0	0	1	1	0	0.000	0
978	975	79.97	4.27	3.4	3.75	7.06	0	0	-423	1	0	0	1	1	0	0.000	0
979	976	80.05	4.08	3.4	3.75	7.02	0	0	-362	1	0	0	1	1	0	0.000	0
980	977	80.13	3.78	3.4	3.8	7.07	0	0	-281	1	0	0	1	1	0	0.000	0
981	978	80.22	3.39	3.4	3.81	7.19	0	0	-202	1	0	0	1	1	0	0.000	0
982	979	80.3	3.17	3.4	3.81	7.09	0	0	-168	1	0	0	1	1	0	0.000	0
983	980	80.38	3.14	3.4	3.81	7.1	0	0	-163	1	0	0	1	1	0	0.000	0
984	981	80.46	3.15	3.4	3.88	7.18	0	0	-164	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
985	982	80.54	3.09	3.3	3.96	7.3	0	0	-154	1	0	0	1	1	0	0.000	0
986	983	80.63	3.28	3.4	4.04	7.38	0	0	-179	1	0	0	1	1	0	0.000	0
987	984	80.71	3.52	3.4	4.14	7.52	0	0	-217	1	0	0	1	1	0	0.000	0
988	985	80.79	3.83	3.4	4.27	7.77	0	0	-277	1	0	0	1	1	0	0.000	0
989	986	80.87	3.99	3.4	4.34	7.95	0	0	-314	1	0	0	1	1	0	0.000	0
990	987	80.95	4.05	3.4	4.36	7.98	0	0	-329	1	0	0	1	1	0	0.000	0
991	988	81.04	4.01	3.4	4.29	8.02	0	0	-321	1	0	0	1	1	0	0.000	0
992	989	81.12	3.8	3.4	4.24	7.83	0	0	-271	1	0	0	1	1	0	0.000	0
993	990	81.2	3.62	3.4	4.2	7.79	0	0	-235	1	0	0	1	1	0	0.000	0
994	991	81.28	3.49	3.3	4.25	7.79	0	0	-209	1	0	0	1	1	0	0.000	0
995	992	81.36	3.53	3.3	4.32	8.03	0	0	-214	1	0	0	1	1	0	0.000	0
996	993	81.45	3.72	3.4	4.38	8.22	0	0	-249	1	0	0	1	1	0	0.000	0
997	994	81.53	4.05	3.4	4.38	8.1	0	0	-328	1	0	0	1	1	0	0.000	0
998	995	81.61	4.4	3.4	4.34	8.04	0	0	-438	1	0	0	1	1	0	0.000	0
999	996	81.69	4.51	3.4	4.28	7.96	0	0	-482	1	0	0	1	1	0	0.000	0
1000	997	81.77	4.41	3.4	4.21	7.89	0	0	-448	1	0	0	1	1	0	0.000	0
1001	998	81.86	4.15	3.4	4.19	7.82	0	0	-364	1	0	0	1	1	0	0.000	0
1002	999	81.94	3.89	3.4	4.16	7.82	0	0	-295	1	0	0	1	1	0	0.000	0
1003	1000	82.02	3.72	3.4	4.05	7.7	0	0	-260	1	0	0	1	1	0	0.000	0
1004	1001	82.1	3.62	3.4	3.85	7.28	0	0	-244	1	0	0	1	1	0	0.000	0
1005	1002	82.18	3.7	3.4	3.65	6.93	0	0	-267	1	0	0	1	1	0	0.000	0
1006	1003	82.27	3.76	3.4	3.56	6.76	0	0	-234	1	0	0	1	1	0	0.000	0
1007	1004	82.35	3.66	3.4	3.56	6.76	0	0	-26	1	0	0	1	1	0	0.000	0
1008	1005	82.43	3.49	3.4	3.62	6.85	0	0	-225	1	0	0	1	1	0	0.000	0
1009	1006	82.51	3.38	3.4	3.73	6.99	0	0	-202	1	0	0	1	1	0	0.000	0
1010	1007	82.59	3.41	3.4	3.87	7.23	0	0	-204	1	0	0	1	1	0	0.000	0
1011	1008	82.68	3.44	3.4	4.02	7.42	0	0	-206	1	0	0	1	1	0	0.000	0
1012	1009	82.76	3.48	3.4	4.16	7.64	0	0	-210	1	0	0	1	1	0	0.000	0
1013	1010	82.84	3.47	3.3	4.26	7.9	0	0	-205	1	0	0	1	1	0	0.000	0
1014	1011	82.92	3.45	3.3	4.27	7.99	0	0	-202	1	0	0	1	1	0	0.000	0
1015	1012	83	3.44	3.4	4.17	7.84	0	0	-202	1	0	0	1	1	0	0.000	0
1016	1013	83.09	3.5	3.4	4.04	7.55	0	0	-216	1	0	0	1	1	0	0.000	0
1017	1014	83.17	3.61	3.4	3.93	7.41	0	0	-240	1	0	0	1	1	0	0.000	0
1018	1015	83.25	3.65	3.4	3.86	7.2	0	0	-250	1	0	0	1	1	0	0.000	0
1019	1016	83.33	3.65	3.4	3.8	7.13	0	0	-252	1	0	0	1	1	0	0.000	0
1020	1017	83.41	3.6	3.4	3.75	7.09	0	0	-243	1	0	0	1	1	0	0.000	0
1021	1018	83.5	3.53	3.4	3.66	7	0	0	-232	1	0	0	1	1	0	0.000	0
1022	1019	83.58	3.41	3.4	3.54	6.83	0	0	-212	1	0	0	1	1	0	0.000	0
1023	1020	83.66	3.29	3.4	3.43	6.64	0	0	-194	1	0	0	1	1	0	0.000	0
1024	1021	83.74	3.19	3.4	3.35	6.53	0	0	-180	1	0	0	1	1	0	0.000	0
1025	1022	83.82	3.22	3.4	3.32	6.39	0	0	-185	1	0	0	1	1	0	0.000	0
1026	1023	83.91	3.29	3.4	3.32	6.39	0	0	-196	1	0	0	1	1	0	0.000	0
1027	1024	83.99	3.38	3.4	3.35	6.45	0	0	-211	1	0	0	1	1	0	0.000	0
1028	1025	84.07	3.31	3.4	3.38	6.5	0	0	-198	1	0	0	1	1	0	0.000	0
1029	1026	84.15	3.21	3.4	3.42	6.54	0	0	-181	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1030	1027	84.23	3.16	3.4	3.44	6.65	0	0	-173	1	0	0	1	1	0	0.000	0
1031	1028	84.32	3.24	3.4	3.47	6.68	0	0	-185	1	0	0	1	1	0	0.000	0
1032	1029	84.4	3.43	3.4	3.46	6.79	0	0	-218	1	0	0	1	1	0	0.000	0
1033	1030	84.48	3.62	3.4	3.48	6.92	0	0	-255	1	0	0	1	1	0	0.000	0
1034	1031	84.56	3.73	3.4	3.53	6.96	0	0	-278	1	0	0	1	1	0	0.000	0
1035	1032	84.64	3.79	3.4	3.56	6.97	0	0	-291	1	0	0	1	1	0	0.000	0
1036	1033	84.73	3.85	3.4	3.54	6.89	0	0	-307	1	0	0	1	1	0	0.000	0
1037	1034	84.81	3.93	3.5	3.47	6.7	0	0	-330	1	0	0	1	1	0	0.000	0
1038	1035	84.89	3.91	3.5	3.41	6.64	0	0	-327	1	0	0	1	1	0	0.000	0
1039	1036	84.97	3.89	3.5	3.37	6.62	0	0	-323	1	0	0	1	1	0	0.000	0
1040	1037	85.05	3.96	3.5	3.32	6.5	0	0	-344	1	0	0	1	1	0	0.000	0
1041	1038	85.14	4.07	3.5	3.26	6.42	0	0	-379	1	0	0	1	1	0	0.000	0
1042	1039	85.22	4.18	3.5	3.22	6.41	0	0	-417	1	0	0	1	1	0	0.000	0
1043	1040	85.3	4.17	3.5	3.2	6.36	0	0	-414	1	0	0	1	1	0	0.000	0
1044	1041	85.38	4.25	3.5	3.2	6.39	0	0	-442	1	0	0	1	1	0	0.000	0
1045	1042	85.46	4.23	3.5	3.24	6.42	0	0	-433	1	0	0	1	1	0	0.000	0
1046	1043	85.55	4.39	3.5	3.28	6.48	0	0	-491	1	0	0	1	1	0	0.000	0
1047	1044	85.63	4.66	3.5	3.32	6.58	0	0	-607	1	0	0	1	1	0	0.000	0
1048	1045	85.71	5.01	3.5	3.39	6.61	0	0	-794	1	0	0	1	1	0	0.000	0
1049	1046	85.79	5.29	3.5	3.46	6.78	0	0	-980	1	0	0	1	1	0	0.000	0
1050	1047	85.87	5.41	3.5	3.57	6.94	0	0	-1062	1	0	0	1	1	0	0.000	0
1051	1048	85.96	5.58	3.5	3.66	7.16	0	0	-1198	1	0	0	1	1	0	0.000	0
1052	1049	86.04	5.68	3.5	3.78	7.33	0	0	-1274	1	0	0	1	1	0	0.000	0
1053	1050	86.12	5.62	3.5	3.87	7.54	0	0	-1206	1	0	0	1	1	0	0.000	0
1054	1051	86.2	5.42	3.5	3.92	7.62	0	0	-1129	1	0	0	1	1	0	0.000	0
1055	1052	86.28	5.03	3.5	3.93	7.63	0	0	-759	1	0	0	1	1	0	0.000	0
1056	1053	86.37	4.64	3.4	3.91	7.6	0	0	-559	1	0	0	1	1	0	0.000	0
1057	1054	86.45	4.28	3.4	3.86	7.52	0	0	-421	1	0	0	1	1	0	0.000	0
1058	1055	86.53	4.09	3.4	3.81	7.38	0	0	-362	1	0	0	1	1	0	0.000	0
1059	1056	86.61	3.94	3.4	3.78	7.32	0	0	-322	1	0	0	1	1	0	0.000	0
1060	1057	86.7	3.88	3.4	3.75	7.28	0	0	-307	1	0	0	1	1	0	0.000	0
1061	1058	86.78	3.84	3.4	3.75	7.18	0	0	-297	1	0	0	1	1	0	0.000	0
1062	1059	86.86	3.88	3.4	3.78	7.24	0	0	-306	1	0	0	1	1	0	0.000	0
1063	1060	86.94	3.81	3.4	3.85	7.38	0	0	-286	1	0	0	1	1	0	0.000	0
1064	1061	87.02	3.76	3.4	3.88	7.42	0	0	-274	1	0	0	1	1	0	0.000	0
1065	1062	87.11	3.77	3.4	3.84	7.39	0	0	-277	1	0	0	1	1	0	0.000	0
1066	1063	87.19	3.76	3.4	3.8	7.31	0	0	-276	1	0	0	1	1	0	0.000	0
1067	1064	87.27	3.59	3.4	3.79	7.29	0	0	-240	1	0	0	1	1	0	0.000	0
1068	1065	87.35	3.31	3.4	3.8	7.31	0	0	-189	1	0	0	1	1	0	0.000	0
1069	1066	87.43	3.08	3.4	3.82	7.3	0	0	-155	1	0	0	1	1	0	0.000	0
1070	1067	87.52	2.97	3.4	3.81	7.3	0	0	-141	1	0	1	1	1	0	0.000	0
1071	1068	87.6	2.93	3.4	3.77	7.19	0	0	-137	1	0	1	1	1	0	0.000	0
1072	1069	87.68	2.86	3.4	3.67	7	0	0	-130	1	0	1	1	1	0	0.000	0
1073	1070	87.76	2.75	3.4	3.59	6.83	0	0	-120	1	0	1	1	1	0	0.000	0
1074	1071	87.84	2.64	3.4	3.56	6.79	0	0	-109	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	2.63	3.4	3.58	6.76	0	0	-108	1	0	1	1	1	0	0.000	0
1076	1073	88.01	2.65	3.3	3.63	6.82	0	0	-109	1	0	1	1	1	0	0.000	0
1077	1074	88.09	2.68	3.3	3.67	7.06	0	0	-111	1	0	1	1	1	0	0.000	0
1078	1075	88.17	2.74	3.3	3.7	7.04	0	0	-117	1	0	1	1	1	0	0.000	0
1079	1076	88.25	2.81	3.4	3.7	7.05	0	0	-124	1	0	1	1	1	0	0.000	0
1080	1077	88.34	2.87	3.4	3.71	7.03	0	0	-131	1	0	1	1	1	0	0.000	0
1081	1078	88.42	2.91	3.4	3.73	7.01	0	0	-135	1	0	1	1	1	0	0.000	0
1082	1079	88.5	2.95	3.4	3.76	7.12	0	0	-140	1	0	1	1	1	0	0.000	0
1083	1080	88.58	3.01	3.4	3.81	7.17	0	0	-146	1	0	0	1	1	0	0.000	0
1084	1081	88.66	3.08	3.4	3.84	7.31	0	0	-155	1	0	0	1	1	0	0.000	0
1085	1082	88.75	3.23	3.4	3.88	7.39	0	0	-175	1	0	0	1	1	0	0.000	0
1086	1083	88.83	3.4	3.4	3.9	7.49	0	0	-202	1	0	0	1	1	0	0.000	0
1087	1084	88.91	3.56	3.4	3.91	7.57	0	0	-231	1	0	0	1	1	0	0.000	0
1088	1085	88.99	3.69	3.4	3.89	7.6	0	0	-258	1	0	0	1	1	0	0.000	0
1089	1086	89.07	3.74	3.4	3.81	7.51	0	0	-271	1	0	0	1	1	0	0.000	0
1090	1087	89.16	3.77	3.4	3.7	7.32	0	0	-282	1	0	0	1	1	0	0.000	0
1091	1088	89.24	3.74	3.4	3.61	7.12	0	0	-278	1	0	0	1	1	0	0.000	0
1092	1089	89.32	3.64	3.4	3.58	6.98	0	0	-256	1	0	0	1	1	0	0.000	0
1093	1090	89.4	3.56	3.4	3.54	7.06	0	0	-241	1	0	0	1	1	0	0.000	0
1094	1091	89.48	3.39	3.4	3.51	7	0	0	-209	1	0	0	1	1	0	0.000	0
1095	1092	89.57	3.22	3.4	3.5	6.88	0	0	-181	1	0	0	1	1	0	0.000	0
1096	1093	89.65	3.09	3.4	3.68	7.01	0	0	-159	1	0	0	1	1	0	0.000	0
1097	1094	89.73	3.09	3.4	3.87	7.57	0	0	-151	1	0	0	1	1	0	0.000	0
1098	1095	89.81	3.28	3.4	3.92	7.73	0	0	-182	1	0	0	1	1	0	0.000	0
1099	1096	89.89	3.49	3.4	3.79	7.55	0	0	-221	1	0	0	1	1	0	0.000	0
1100	1097	89.98	3.81	3.4	3.58	7.45	0	0	-295	1	0	0	1	1	0	0.000	0
1101	1098	90.06	4.08	3.5	3.45	7.03	0	0	-374	1	0	0	1	1	0	0.000	0
1102	1099	90.14	4.31	3.5	3.36	6.91	0	0	-456	1	0	0	1	1	0	0.000	0
1103	1100	90.22	4.24	3.5	3.37	6.96	0	0	-430	1	0	0	1	1	0	0.000	0
1104	1101	90.3	4.29	3.5	3.38	7.04	0	0	-448	1	0	0	1	1	0	0.000	0
1105	1102	90.39	4.36	3.5	3.39	6.91	0	0	-473	1	0	0	1	1	0	0.000	0
1106	1103	90.47	4.59	3.5	3.45	6.89	0	0	-566	1	0	0	1	1	0	0.000	0
1107	1104	90.55	4.68	3.5	3.58	7.16	0	0	-599	1	0	0	1	1	0	0.000	0
1108	1105	90.63	4.73	3.5	3.79	7.57	0	0	-609	1	0	0	1	1	0	0.000	0
1109	1106	90.71	4.77	3.4	4.01	8.06	0	0	-613	1	0	0	1	1	0	0.000	0
1110	1107	90.8	5.04	3.4	4.19	8.47	0	0	-742	1	0	0	1	1	0	0.000	0
1111	1108	90.88	5.39	3.5	4.26	8.65	0	0	-965	1	0	0	1	1	0	0.000	0
1112	1109	90.96	5.84	3.5	4.2	8.56	0	0	-1371	1	0	0	1	1	0	0.000	0
1113	1110	91.04	5.76	3.5	4.15	8.46	0	0	-1298	1	0	0	1	1	0	0.000	0
1114	1111	91.12	5.61	3.5	4.08	8.44	0	0	-1168	1	0	0	1	1	0	0.000	0
1115	1112	91.21	5.29	3.5	4.01	8.13	0	0	-921	1	0	0	1	1	0	0.000	0
1116	1113	91.29	5.24	3.5	3.86	7.92	0	0	-901	1	0	0	1	1	0	0.000	0
1117	1114	91.37	5.06	3.5	3.84	7.66	0	0	-785	1	0	0	1	1	0	0.000	0
1118	1115	91.45	4.96	3.5	3.81	8.01	0	0	-728	1	0	0	1	1	0	0.000	0
1119	1116	91.53	4.8	3.5	3.83	7.71	0	0	-641	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1120	1117	91.62	4.76	3.5	3.76	7.6	0	0	-626	1	0	0	1	1	0	0.000	0
1121	1118	91.7	4.58	3.5	3.75	7.46	0	0	-543	1	0	0	1	1	0	0.000	0
1122	1119	91.78	4.4	3.4	3.74	7.46	0	0	-470	1	0	0	1	1	0	0.000	0
1123	1120	91.86	4.19	3.4	3.77	7.47	0	0	-395	1	0	0	1	1	0	0.000	0
1124	1121	91.94	4.14	3.4	3.78	7.58	0	0	-379	1	0	0	1	1	0	0.000	0
1125	1122	92.03	4.09	3.4	3.78	7.54	0	0	-364	1	0	0	1	1	0	0.000	0
1126	1123	92.11	4	3.4	3.75	7.51	0	0	-339	1	0	0	1	1	0	0.000	0
1127	1124	92.19	3.85	3.4	3.74	7.41	0	0	-300	1	0	0	1	1	0	0.000	0
1128	1125	92.27	3.72	3.4	3.74	7.43	0	0	-269	1	0	0	1	1	0	0.000	0
1129	1126	92.35	3.6	3.4	3.73	7.41	0	0	-244	1	0	0	1	1	0	0.000	0
1130	1127	92.44	3.68	3.4	3.7	7.34	0	0	-261	1	0	0	1	1	0	0.000	0
1131	1128	92.52	3.88	3.4	3.71	7.26	0	0	-308	1	0	0	1	1	0	0.000	0
1132	1129	92.6	4.17	3.4	3.75	7.37	0	0	-390	1	0	0	1	1	0	0.000	0
1133	1130	92.68	4.38	3.4	3.8	7.5	0	0	-459	1	0	0	1	1	0	0.000	0
1134	1131	92.76	4.42	3.4	3.89	7.54	0	0	-470	1	0	0	1	1	0	0.000	0
1135	1132	92.85	4.42	3.4	4.04	7.82	0	0	-461	1	0	0	1	1	0	0.000	0
1136	1133	92.93	4.54	3.4	4.3	8.25	0	0	-493	1	0	0	1	1	0	0.000	0
1137	1134	93.01	4.57	3.4	4.42	8.71	0	0	-497	1	0	0	1	1	0	0.000	0
1138	1135	93.09	4.65	3.4	4.35	8.58	0	0	-535	1	0	0	1	1	0	0.000	0
1139	1136	93.17	4.45	3.4	4.16	8.26	0	0	-466	1	0	0	1	1	0	0.000	0
1140	1137	93.26	4.34	3.4	4.1	8.01	0	0	-429	1	0	0	1	1	0	0.000	0
1141	1138	93.34	4.15	3.4	4.15	8.2	0	0	-366	1	0	0	1	1	0	0.000	0
1142	1139	93.42	3.87	3.4	4.13	8.27	0	0	-29	1	0	0	1	1	0	0.000	0
1143	1140	93.5	3.56	3.4	3.97	7.94	0	0	-225	1	0	0	1	1	0	0.000	0
1144	1141	93.58	3.21	3.4	3.76	7.51	0	0	-75	1	0	0	1	1	0	0.000	0
1145	1142	93.67	3.1	3.4	3.63	7.28	0	0	-161	1	0	0	1	1	0	0.000	0
1146	1143	93.75	3.17	3.4	3.59	7.07	0	0	-172	1	0	0	1	1	0	0.000	0
1147	1144	93.83	3.34	3.4	3.58	7.02	0	0	-199	1	0	0	1	1	0	0.000	0
1148	1145	93.91	3.61	3.4	3.56	7.08	0	0	-251	1	0	0	1	1	0	0.000	0
1149	1146	93.99	3.86	3.4	3.53	7.11	0	0	-310	1	0	0	1	1	0	0.000	0
1150	1147	94.08	4.03	3.5	3.49	7.15	0	0	-358	1	0	0	1	1	0	0.000	0
1151	1148	94.16	4.15	3.5	3.48	7.14	0	0	-395	1	0	0	1	1	0	0.000	0
1152	1149	94.24	4.24	3.5	3.48	7.1	0	0	-425	1	0	0	1	1	0	0.000	0
1153	1150	94.32	4.33	3.5	3.5	7.05	0	0	-456	1	0	0	1	1	0	0.000	0
1154	1151	94.41	4.42	3.5	3.52	7.14	0	0	-490	1	0	0	1	1	0	0.000	0
1155	1152	94.49	4.43	3.5	3.54	7.15	0	0	-493	1	0	0	1	1	0	0.000	0
1156	1153	94.57	4.4	3.5	3.53	7.18	0	0	-481	1	0	0	1	1	0	0.000	0
1157	1154	94.65	4.27	3.5	3.48	7.09	0	0	-436	1	0	0	1	1	0	0.000	0
1158	1155	94.73	4.11	3.5	3.41	6.89	0	0	-385	1	0	0	1	1	0	0.000	0
1159	1156	94.82	3.95	3.5	3.36	6.73	0	0	-340	1	0	0	1	1	0	0.000	0
1160	1157	94.9	3.83	3.5	3.34	6.69	0	0	-308	1	0	0	1	1	0	0.000	0
1161	1158	94.98	3.74	3.5	3.35	6.72	0	0	-286	1	0	0	1	1	0	0.000	0
1162	1159	95.06	3.78	3.5	3.36	6.8	0	0	-295	1	0	0	1	1	0	0.000	0
1163	1160	95.14	3.86	3.5	3.37	6.87	0	0	-315	1	0	0	1	1	0	0.000	0
1164	1161	95.23	4.04	3.5	3.39	6.93	0	0	-365	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1165	1162	95.31	4.21	3.5	3.39	6.97	0	0	-419	1	0	0	1	1	0	0.000	0
1166	1163	95.39	4.36	3.5	3.36	6.95	0	0	-475	1	0	0	1	1	0	0.000	0
1167	1164	95.47	4.48	3.5	3.31	6.85	0	0	-526	1	0	0	1	1	0	0.000	0
1168	1165	95.55	4.45	3.5	3.28	6.79	0	0	-515	1	0	0	1	1	0	0.000	0
1169	1166	95.64	4.36	3.5	3.3	6.78	0	0	-478	1	0	0	1	1	0	0.000	0
1170	1167	95.72	4.24	3.5	3.33	6.84	0	0	-432	1	0	0	1	1	0	0.000	0
1171	1168	95.8	4.14	3.5	3.42	6.9	0	0	-395	1	0	0	1	1	0	0.000	0
1172	1169	95.88	4.12	3.5	3.51	7.12	0	0	-384	1	0	0	1	1	0	0.000	0
1173	1170	95.96	4.12	3.4	3.64	7.31	0	0	-379	1	0	0	1	1	0	0.000	0
1174	1171	96.05	4.24	3.4	3.68	7.51	0	0	-416	1	0	0	1	1	0	0.000	0
1175	1172	96.13	4.37	3.5	3.66	7.44	0	0	-463	1	0	0	1	1	0	0.000	0
1176	1173	96.21	4.44	3.5	3.58	7.33	0	0	-494	1	0	0	1	1	0	0.000	0
1177	1174	96.29	4.37	3.5	3.5	7.19	0	0	-471	1	0	0	1	1	0	0.000	0
1178	1175	96.37	4.14	3.5	3.44	7	0	0	-394	1	0	0	1	1	0	0.000	0
1179	1176	96.46	3.86	3.5	3.42	6.87	0	0	-313	1	0	0	1	1	0	0.000	0
1180	1177	96.54	3.64	3.4	3.47	6.9	0	0	-259	1	0	0	1	1	0	0.000	0
1181	1178	96.62	3.6	3.4	3.57	7.11	0	0	-248	1	0	0	1	1	0	0.000	0
1182	1179	96.7	3.71	3.4	3.65	7.35	0	0	-270	1	0	0	1	1	0	0.000	0
1183	1180	96.78	3.96	3.4	3.75	7.5	0	0	-328	1	0	0	1	1	0	0.000	0
1184	1181	96.87	4.3	3.4	3.8	7.74	0	0	-431	1	0	0	1	1	0	0.000	0
1185	1182	96.95	4.55	3.4	3.83	7.75	0	0	-525	1	0	0	1	1	0	0.000	0
1186	1183	97.03	4.71	3.5	3.76	7.71	0	0	-601	1	0	0	1	1	0	0.000	0
1187	1184	97.11	4.75	3.5	3.65	7.52	0	0	-624	1	0	0	1	1	0	0.000	0
1188	1185	97.19	4.6	3.5	3.57	7.28	0	0	-563	1	0	0	1	1	0	0.000	0
1189	1186	97.28	4.36	3.5	3.56	7.18	0	0	-465	1	0	0	1	1	0	0.000	0
1190	1187	97.36	4.06	3.4	3.59	7.29	0	0	-363	1	0	0	1	1	0	0.000	0
1191	1188	97.44	3.88	3.4	3.62	7.34	0	0	-312	1	0	0	1	1	0	0.000	0
1192	1189	97.52	3.83	3.4	3.58	7.24	0	0	-300	1	0	0	1	1	0	0.000	0
1193	1190	97.6	3.89	3.4	3.49	7.11	0	0	-319	1	0	0	1	1	0	0.000	0
1194	1191	97.69	4.01	3.5	3.47	6.97	0	0	-353	1	0	0	1	1	0	0.000	0
1195	1192	97.77	4.09	3.5	3.51	7.15	0	0	-375	1	0	0	1	1	0	0.000	0
1196	1193	97.85	4.09	3.4	3.61	7.31	0	0	-371	1	0	0	1	1	0	0.000	0
1197	1194	97.93	4.08	3.4	3.68	7.41	0	0	-365	1	0	0	1	1	0	0.000	0
1198	1195	98.01	4.15	3.4	3.71	7.6	0	0	-385	1	0	0	1	1	0	0.000	0
1199	1196	98.1	4.4	3.5	3.73	7.56	0	0	-471	1	0	0	1	1	0	0.000	0
1200	1197	98.18	4.61	3.5	3.72	7.46	0	0	-558	1	0	0	1	1	0	0.000	0
1201	1198	98.26	4.6	3.5	3.72	7.52	0	0	-553	1	0	0	1	1	0	0.000	0
1202	1199	98.34	4.41	3.5	3.72	7.55	0	0	-475	1	0	0	1	1	0	0.000	0
1203	1200	98.42	4.3	3.4	3.7	7.53	0	0	-436	1	0	0	1	1	0	0.000	0
1204	1201	98.51	4.22	3.4	3.7	7.43	0	0	-408	1	0	0	1	1	0	0.000	0
1205	1202	98.59	4.18	3.4	3.7	7.47	0	0	-395	1	0	0	1	1	0	0.000	0
1206	1203	98.67	4.16	3.4	3.74	7.54	0	0	-387	1	0	0	1	1	0	0.000	0
1207	1204	98.75	4.11	3.4	3.81	7.65	0	0	-368	1	0	0	1	1	0	0.000	0
1208	1205	98.83	4.1	3.4	3.93	7.84	0	0	-360	1	0	0	1	1	0	0.000	0
1209	1206	98.92	4.04	3.4	4.05	8.08	0	0	-338	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	4.01	3.4	4.15	8.24	0	0	-326	1	0	0	1	1	0	0.000	0
1211	1208	99.08	4.04	3.4	4.15	8.32	0	0	-334	1	0	0	1	1	0	0.000	0
1212	1209	99.16	4.16	3.4	4.04	8.23	0	0	-374	1	0	0	1	1	0	0.000	0
1213	1210	99.24	4.54	3.4	3.82	7.94	0	0	-521	1	0	0	1	1	0	0.000	0
1214	1211	99.33	4.92	3.5	3.61	7.53	0	0	-722	1	0	0	1	1	0	0.000	0
1215	1212	99.41	5.16	3.5	3.42	7.29	0	0	-890	1	0	0	1	1	0	0.000	0
1216	1213	99.49	5.13	3.5	3.28	7.1	0	0	-883	1	0	0	1	1	0	0.000	0
1217	1214	99.57	4.85	3.5	3.16	6.74	0	0	-718	1	0	0	1	1	0	0.000	0
1218	1215	99.65	4.56	3.5	3.06	6.52	0	0	-576	1	0	0	1	1	0	0.000	0
1219	1216	99.74	4.14	3.5	3.03	6.42	0	0	-411	1	0	0	1	1	0	0.000	0
1220	1217	99.82	3.78	3.5	3.04	6.4	0	0	-306	1	0	0	1	1	0	0.000	0
1221	1218	99.9	3.57	3.5	3.13	6.4	0	0	-254	1	0	0	1	1	0	0.000	0
1222	1219	99.98	3.47	3.4	3.25	6.66	0	0	-230	1	0	0	1	1	0	0.000	0
1223	1220	100.06	3.51	3.4	3.42	6.88	0	0	-234	1	0	0	1	1	0	0.000	0
1224	1221	100.15	3.5	3.4	3.61	7.17	0	0	-227	1	0	0	1	1	0	0.000	0
1225	1222	100.23	3.63	3.4	3.83	7.54	0	0	-247	1	0	0	1	1	0	0.000	0
1226	1223	100.31	3.94	3.4	4.09	7.96	0	0	-310	1	0	0	1	1	0	0.000	0
1227	1224	100.39	4.25	3.4	4.3	8.49	0	0	-390	1	0	0	1	1	0	0.000	0
1228	1225	100.47	4.36	3.4	4.49	8.69	0	0	-416	1	0	0	1	1	0	0.000	0
1229	1226	100.56	4.2	3.4	4.69	9.06	0	0	-356	1	0	0	1	1	0	0.000	0
1230	1227	100.64	4.08	3.3	4.94	9.66	0	0	-315	1	0	0	1	1	0	0.000	0
1231	1228	100.72	4.2	3.3	5.11	9.95	0	0	-337	1	0	0	1	1	0	0.000	0
1232	1229	100.8	4.5	3.3	5.12	10.01	0	0	-42	1	0	0	1	1	0	0.000	0
1233	1230	100.88	5.07	3.4	4.98	9.88	0	0	-687	1	0	0	1	1	0	0.000	0
1234	1231	100.97	5.4	3.4	4.86	9.44	0	0	-902	1	0	0	1	1	0	0.000	0
1235	1232	101.05	5.73	3.4	4.81	9.37	0	0	-1168	1	0	0	1	1	0	0.000	0
1236	1233	101.13	5.95	3.4	4.83	9.47	0	0	-1376	1	0	0	1	1	0	0.000	0
1237	1234	101.21	6.24	3.4	4.82	9.5	0	0	-1711	1	0	0	1	1	0	0.000	0
1238	1235	101.29	6.17	3.4	4.87	10.21	0	0	-1614	1	0	0	1	1	0	0.000	0
1239	1236	101.38	5.55	3.4	5.08	10.27	0	0	-983	1	0	0	1	1	0	0.000	0
1240	1237	101.46	4.96	3.3	5.45	10.78	0	0	-591	1	0	0	1	1	0	0.000	0
1241	1238	101.54	4.63	3.3	5.82	11.25	0	0	-431	1	0	0	1	1	0	0.000	0
1242	1239	101.62	4.53	3.3	6.03	11.62	0	0	-385	1	0	0	1	1	0	0.000	0
1243	1240	101.7	4.81	3.3	6.13	11.5	0	0	-474	1	0	0	1	1	0	0.000	0
1244	1241	101.79	5.43	3.3	6.31	11.53	0	0	-748	1	0	0	1	1	0	0.000	0
1245	1242	101.87	6.18	3.3	6.96	12.26	0	0	-1181	1	0	0	1	1	0	0.000	0
1246	1243	101.95	6.86	3.3	8.23	14.57	0	0	-1498	1	0	0	1	1	0	0.000	0
1247	1244	102.03	7.12	3.2	10.11	18	0	0	-1011	1	0	0	1	1	0	0.000	0
1248	1245	102.11	7.21	3.2	12.8	22.37	0	0	135	1	0	0	0	1	0	0.000	0
1249	1246	102.2	7.12	3.1	16.34	29.93	0	0	1624	1	0	0	0	1	0	0.000	0
1250	1247	102.28	6.84	3.0	20.9	39.37	0	0	2905	1	0	0	0	1	0	0.000	0
1251	1248	102.36	6.51	2.9	25.37	51.79	0	0	3500	1	0	0	0	1	0	0.000	0
1252	1249	102.44	6.05	2.8	29.36	60.78	0	0	3261	1	0	0	0	1	0	0.000	0
1253	1250	102.53	5.62	2.8	32.52	68.38	0	0	2798	1	0	0	0	1	0	0.000	0
1254	1251	102.61	5.15	2.7	35.57	75.62	0	0	2244	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1255	1252	102.69	4.48	2.7	38.43	83.65	0	0	1484	1	0	0	0	1	0	0.000	0
1256	1253	102.77	3.91	2.6	40.39	89.96	0	0.06	1003	1	0	0	0	1	0	0.000	0
1257	1254	102.85	3.62	2.6	40.57	90.51	0	0.06	793	1	1	0	0	1	0	0.000	0
1258	1255	102.94	4.06	2.6	36.89	83.77	0	0	993	1	0	0	0	1	0	0.000	0
1259	1256	103.02	4.94	2.7	32.03	64.08	0	0	1612	1	0	0	0	1	0	0.000	0
1260	1257	103.1	6.58	2.9	25.19	55.1	0	0	3632	1	0	0	0	1	0	0.000	0
1261	1258	103.18	8.22	3.0	20.46	36.35	0	0	7260	1	0	0	0	1	0	0.000	0
1262	1259	103.26	8.36	3.1	18.64	32.9	0	0	6160	1	0	0	0	1	0	0.000	0
1263	1260	103.35	5.5	2.9	23.59	42.93	0	0	1414	1	0	0	0	1	0	0.000	0
1264	1261	103.43	3.06	2.6	32.28	69.5	0	0	347	1	0	0	0	1	0	0.000	0
1265	1262	103.51	1.99	2.4	43.59	92.93	0	0	212	1	1	1	0	1	0	0.000	0
1266	1263	103.59	1.64	2.3	49.71	94.9	0	0	183	1	1	1	0	1	0	0.000	0
1267	1264	103.67	1.62	2.3	50.07	94.65	0	0.07	182	1	1	1	0	1	0	0.000	0
1268	1265	103.76	1.47	2.2	53.39	93.05	0	0.07	172	1	1	1	0	1	0	0.000	0
1269	1266	103.84	1.3	2.2	58.79	108.93	0	0.05	166	1	1	1	0	1	0	0.000	0
1270	1267	103.92	1.07	2.1	67.55	117.07	0	0.05	159	1	1	1	0	1	0	0.000	0
1271	1268	104	0.98	2.0	75.28	126.95	0	0.05	166	1	1	1	0	1	0	0.000	0
1272	1269	104.08	0.98	2.0	79.96	140.65	0	0.02	178	1	1	1	0	1	0	0.000	0
1273	1270	104.17	1.08	2.0	80.77	140.3	0	0.01	199	1	1	1	0	1	0	0.000	0
1274	1271	104.25	1.19	2.0	79.78	139.76	0	0	217	1	1	1	0	1	0	0.000	0
1275	1272	104.33	1.18	2.0	82.03	143.84	0	0	222	1	1	1	0	1	0	0.000	0
1276	1273	104.41	1.02	2.0	86.83	151.1	0	0	204	1	1	1	0	1	0	0.000	0
1277	1274	104.49	0.78	1.9	93.97	143.41	0	0.07	17[illegible]	1	1	1	0	1	0	0.000	0
1278	1275	104.58	0.62	1.8	101.8	146.28	0	0.1	166	1	1	1	0	1	0	0.000	0
1279	1276	104.66	0.52	1.7	108.82	159.64	0	0.07	162	1	1	1	0	1	0	0.000	0
1280	1277	104.74	0.55	1.7	110.84	159.94	0	0.07	171	1	1	1	0	1	0	0.000	0
1281	1278	104.82	0.74	1.8	105.66	162.18	0	0.06	195	0	1	1	0	1	0	0.000	0
1282	1279	104.9	1.1	2.0	96.15	173.69	0	0	248	0	1	1	0	1	0	0.000	0
1283	1280	104.99	1.58	2.1	85.78	165.19	0	0	342	0	1	1	0	1	0	0.000	0
1284	1281	105.07	2.07	2.2	75.12	158.15	0	0	458	1	1	1	0	1	0	0.000	0
1285	1282	105.15	2.53	2.3	67.1	139.43	0	0	603	1	1	1	0	1	0	0.000	0
1286	1283	105.23	2.92	2.4	61.38	131.17	0	0	760	1	1	1	0	1	0	0.000	0
1287	1284	105.31	2.96	2.4	60.06	130.48	0	0	766	1	1	1	0	1	0	0.000	0
1288	1285	105.4	2.68	2.4	61.38	131.68	0	0	617	1	1	1	0	1	0	0.000	0
1289	1286	105.48	2.13	2.3	64.5	131.77	0	0	402	1	1	1	0	1	0	0.000	0
1290	1287	105.56	1.56	2.2	70.17	132.13	0	0	264	1	1	1	0	1	0	0.000	0
1291	1288	105.64	1.16	2.0	75.64	140	0	0	198	1	1	1	0	1	0	0.000	0
1292	1289	105.72	0.91	2.0	79.61	133.44	0	0.05	166	1	1	1	0	1	0	0.000	0
1293	1290	105.81	0.81	1.9	80.93	128.24	0	0.07	153	1	1	1	0	1	0	0.000	0
1294	1291	105.89	0.72	1.9	84.62	128.08	0	0.1	148	1	1	1	0	1	0	0.000	0
1295	1292	105.97	0.62	1.8	91.92	133.22	0	0.13	148	1	1	1	0	1	0	0.000	0
1296	1293	106.05	0.55	1.8	99.9	145.35	0	0.1	152	1	1	1	0	1	0	0.000	0
1297	1294	106.13	0.49	1.7	106.58	152.55	0	0.09	154	1	1	1	0	1	0	0.000	0
1298	1295	106.22	0.47	1.7	107.49	156.51	0	0.08	152	1	1	1	0	1	0	0.000	0
1299	1296	106.3	0.5	1.7	104.08	148.2	0	0.1	151	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1300	1297	106.38	0.58	1.8	99.32	140.11	0	0.12	155	1	1	1	0	1	0	0.000	0
1301	1298	106.46	0.67	1.8	96.28	143.42	0	0.1	164	1	1	1	0	1	0	0.000	0
1302	1299	106.54	0.74	1.8	96.28	146.99	0	0.08	175	1	1	1	0	1	0	0.000	0
1303	1300	106.63	0.82	1.9	94.86	155.73	0	0.05	186	1	1	1	0	1	0	0.000	0
1304	1301	106.71	0.87	1.9	92.38	152.96	0	0.03	190	1	1	1	0	1	0	0.000	0
1305	1302	106.79	0.93	1.9	88.62	148.18	0	0.02	192	1	1	1	0	1	0	0.000	0
1306	1303	106.87	0.96	2.0	87.1	147.22	0	0.02	193	1	1	1	0	1	0	0.000	0
1307	1304	106.95	0.98	2.0	87.87	151.75	0	0.01	199	1	1	1	0	1	0	0.000	0
1308	1305	107.04	0.97	1.9	92.97	153.73	0	0.01	211	1	1	1	0	1	0	0.000	0
1309	1306	107.12	1.04	1.9	99.05	175.05	0	0	242	0	1	1	0	1	0	0.000	0
1310	1307	107.2	1.29	2.0	105.61	198.75	0	0	331	0	1	1	0	1	0	0.000	0
1311	1308	107.28	1.54	2.0	109.37	218.34	0	0	435	0	1	1	0	1	0	0.000	0
1312	1309	107.36	1.63	2.0	111.03	219.61	0	0	481	0	1	1	0	1	0	0.000	0
1313	1310	107.45	1.49	2.0	111.3	214.41	0	0	424	0	1	1	0	1	0	0.000	0
1314	1311	107.53	1.36	2.0	108.85	211.87	0	0	366	1	1	0	1	0	0.000	0
1315	1312	107.61	1.39	2.0	105.01	200.14	0	0	361	0	1	1	0	1	0	0.000	0
1316	1313	107.69	1.6	2.1	92.17	198.19	0	0	379	0	1	1	0	1	0	0.000	0
1317	1314	107.77	2.4	2.3	58.02	158	0	0	448	1	1	1	0	1	0	0.000	0
1318	1315	107.86	3.93	2.7	29.87	32.19	0	0	635	1	0	0	0	1	0	0.000	0
1319	1316	107.94	9.34	3.3	11.38	22.48	0	0	-2159	1	0	0	1	1	0	0.000	0
1320	1317	108.02	12.17	3.5	7.82	14.98	0	0	-5226	1	0	0	1	1	0	0.000	0
1321	1318	108.1	13.44	3.6	5.94	11.21	0	0	-15214	1	0	0	1	1	0	0.000	0
1322	1319	108.18	10.94	3.5	5.47	11	0	0	-3739	1	0	0	1	1	0	0.000	0
1323	1320	108.27	6.67	3.4	5.5	11.49	0	0	-2140	1	0	0	1	1	0	0.000	0
1324	1321	108.35	4.7	3.3	5.41	11.03	0	0	-884	1	0	0	1	1	0	0.000	0
1325	1322	108.43	4.28	3.3	5.19	10.33	0	0	-356	1	0	0	1	1	0	0.000	0
1326	1323	108.51	4.2	3.3	5.02	10.14	0	0	-341	1	0	0	1	1	0	0.000	0
1327	1324	108.59	4.42	3.4	4.92	9.76	0	0	-413	1	0	0	1	1	0	0.000	0
1328	1325	108.68	5.24	3.4	4.77	9.52	0	0	-806	1	0	0	1	1	0	0.000	0
1329	1326	108.76	5.73	3.4	5	9.16	0	0	-1140	1	0	0	1	1	0	0.000	0
1330	1327	108.84	6.17	3.4	5.33	10.85	0	0	-1517	1	0	0	1	1	0	0.000	0
1331	1328	108.92	7.69	3.5	5.21	11.72	0	0	-4611	1	0	0	1	1	0	0.000	0
1332	1329	109	8.77	3.5	6.01	9.16	0	0	-8583	1	0	0	1	1	0	0.000	0
1333	1330	109.09	7.34	3.3	9.51	15.4	0	0	-1479	1	0	0	1	1	0	0.000	0
1334	1331	109.17	7.49	3.2	11.88	32.22	0	0	-341	1	0	0	1	1	0	0.000	0
1335	1332	109.25	8.57	3.2	12.62	23.27	0	0	139	1	0	0	0	1	0	0.000	0
1336	1333	109.33	11.5	3.4	10.39	21.06	0	0	-15789	1	0	0	1	1	0	0.000	0
1337	1334	109.41	12.36	3.4	9.42	19.84	0	0	-38430	1	0	0	1	1	0	0.000	0
1338	1335	109.5	12.29	3.4	8.45	17.69	0	0	-48501	1	0	0	1	1	0	0.000	0
1339	1336	109.58	11.92	3.5	7.48	15.41	0	0	-48312	1	0	0	1	1	0	0.000	0
1340	1337	109.66	11.24	3.5	6.71	14.12	0	0	-37007	1	0	0	1	1	0	0.000	0
1341	1338	109.74	9.94	3.5	6.24	12.96	0	0	-17782	1	0	0	1	1	0	0.000	0
1342	1339	109.82	8.42	3.5	5.91	12.23	0	0	-6886	1	0	0	1	1	0	0.000	0
1343	1340	109.91	7.54	3.4	5.75	11.79	0	0	-3844	1	0	0	1	1	0	0.000	0
1344	1341	109.99	7.53	3.4	5.76	11.7	0	0	-3811	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1345	1342	110.07	8.13	3.4	5.92	11.87	0	0	-5643	1	0	0	1	1	0	0.000	0
1346	1343	110.15	8.95	3.5	6.24	12.34	0	0	-9333	1	0	0	1	1	0	0.000	0
1347	1344	110.23	9.48	3.4	6.83	13.21	0	0	-11974	1	0	0	1	1	0	0.000	0
1348	1345	110.32	9.18	3.4	8.12	14.93	0	0	-7602	1	0	0	1	1	0	0.000	0
1349	1346	110.4	8.3	3.3	9.91	19.53	0	0	-2495	1	0	0	1	1	0	0.000	0
1350	1347	110.48	7.6	3.2	11.56	23.98	0	0	-558	1	0	0	1	1	0	0.000	0
1351	1348	110.56	7.33	3.2	12.25	25.51	0	0	-123	1	0	0	1	1	0	0.000	0
1352	1349	110.64	7.23	3.2	11.95	24.73	0	0	-252	1	0	0	1	1	0	0.000	0
1353	1350	110.73	7.32	3.2	10.68	23.01	0	0	-887	1	0	0	1	1	0	0.000	0
1354	1351	110.81	7.48	3.3	9.04	18.29	0	0	-1889	1	0	0	1	1	0	0.000	0
1355	1352	110.89	8.01	3.4	7.33	15.28	0	0	-4083	1	0	0	1	1	0	0.000	0
1356	1353	110.97	8.33	3.4	6.37	12.93	0	0	-6026	1	0	0	1	1	0	0.000	0
1357	1354	111.06	7.9	3.4	6.26	12.31	0	0	-4567	1	0	0	1	1	0	0.000	0
1358	1355	111.14	6.8	3.3	7.23	13.77	0	0	-1770	1	0	0	1	1	0	0.000	0
1359	1356	111.22	6.19	3.3	8.02	17.6	0	0	-962	1	0	0	1	1	0	0.000	0
1360	1357	111.3	6.29	3.3	8.3	16.65	0	0	-971	1	0	0	1	1	0	0.000	0
1361	1358	111.38	7.12	3.3	8	15.74	0	0	-1903	1	0	0	1	1	0	0.000	0
1362	1359	111.47	7.19	3.3	9.14	16.18	0	0	-1494	1	0	0	1	1	0	0.000	0
1363	1360	111.55	6.36	3.1	11.95	22.38	0	0	-134	1	0	0	1	1	0	0.000	0
1364	1361	111.63	5.51	3.0	15.87	31.4	0	0	-433	1	0	0	0	1	0	0.000	0
1365	1362	111.71	4.95	2.9	19.59	40.99	0	0	-590	1	0	0	0	1	0	0.000	0
1366	1363	111.79	4.62	2.8	22.49	48.17	0	0	-640	1	0	0	0	1	0	0.000	0
1367	1364	111.88	4.51	2.8	24.41	53.02	0	0	-69[illegible]	1	0	0	0	1	0	0.000	0
1368	1365	111.96	4.47	2.8	25.42	55.04	0	0	-734	1	0	0	0	1	0	0.000	0
1369	1366	112.04	4.48	2.8	25.98	55.56	0	0	-72	1	0	0	0	1	0	0.000	0
1370	1367	112.12	4.28	2.8	26.41	57.28	0	0	-677	1	0	0	0	1	0	0.000	0
1371	1368	112.2	3.96	2.7	27.37	58.19	0	0	-557	1	0	0	0	1	0	0.000	0
1372	1369	112.29	3.66	2.7	28.85	62.8	0	0	-478	1	0	0	0	1	0	0.000	0
1373	1370	112.37	3.39	2.6	30.68	68.49	0	0	-423	1	0	0	0	1	0	0.000	0
1374	1371	112.45	3.32	2.6	32.08	72.19	0	0	-430	1	0	0	0	1	0	0.000	0
1375	1372	112.53	3.21	2.6	32.62	73.62	0	0	-402	1	0	0	0	1	0	0.000	0
1376	1373	112.61	3.17	2.6	32.78	72.79	0	0	-391	1	0	0	0	1	0	0.000	0
1377	1374	112.7	3.04	2.6	32.83	73.49	0	0.1	-351	1	1	0	0	1	0	0.000	0
1378	1375	112.78	2.97	2.6	32.92	74.07	0	0.1	-332	1	1	1	0	1	0	0.000	0
1379	1376	112.86	2.93	2.6	33.15	73.49	0	0.1	-324	1	1	1	0	1	0	0.000	0
1380	1377	112.94	2.93	2.6	33.56	75.41	0	0.1	-330	1	1	1	0	1	0	0.000	0
1381	1378	113.02	2.92	2.6	34.36	77.46	0	0.09	-340	1	1	1	0	1	0	0.000	0
1382	1379	113.11	2.83	2.6	35.21	79.97	0	0	-327	1	1	1	0	1	0	0.000	0
1383	1380	113.19	2.67	2.5	36.47	82.29	0	0	-300	1	1	1	0	1	0	0.000	0
1384	1381	113.27	2.43	2.5	38.08	84.69	0	0	-259	1	1	1	0	1	0	0.000	0
1385	1382	113.35	2.19	2.4	39.36	86.34	0	0	-219	1	1	1	0	1	0	0.000	0
1386	1383	113.43	1.96	2.4	40.6	86.16	0	0	-186	1	1	1	0	1	0	0.000	0
1387	1384	113.52	1.75	2.4	42.09	87.65	0	0	-162	1	1	1	0	1	0	0.000	0
1388	1385	113.6	1.63	2.3	42.81	90.74	0	0	-148	1	1	1	0	1	0	0.000	0
1389	1386	113.68	1.58	2.3	42.06	86.69	0	0.08	-138	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1390	1387	113.76	1.61	2.4	39.47	81.75	0	0.09	129	1	1	1	0	1	0	0.000	0
1391	1388	113.84	1.61	2.4	36.71	75.94	0	0.11	116	1	1	1	0	1	0	0.000	0
1392	1389	113.93	1.58	2.4	34.31	70.7	0	0.13	102	1	1	1	0	1	0	0.000	0
1393	1390	114.01	1.59	2.4	32.25	66.8	0	0.14	93	1	1	1	0	1	0	0.000	0
1394	1391	114.09	1.6	2.4	30.83	63.79	0	0.15	87	1	1	1	0	1	0	0.000	0
1395	1392	114.17	1.6	2.5	29.82	62.37	0	0.16	82	1	1	1	0	1	0	0.000	0
1396	1393	114.25	1.58	2.5	28.94	60.78	0	0	77	1	1	1	1	1	0	0.000	0
1397	1394	114.34	1.66	2.5	27.24	58.63	0	0	74	1	1	1	1	1	0	0.000	0
1398	1395	114.42	1.9	2.6	25.35	53.89	0	0	81	1	1	1	0	1	0	0.000	0
1399	1396	114.5	2.14	2.6	24.22	51.62	0	0	91	1	0	1	0	1	0	0.000	0
1400	1397	114.58	2.35	2.6	23.37	50.82	0	0	102	1	0	1	0	1	0	0.000	0
1401	1398	114.66	2.56	2.7	22.6	48.14	0	0	115	1	0	1	0	1	0	0.000	0
1402	1399	114.75	2.85	2.7	21.79	46.51	0	0	136	1	0	1	0	1	0	0.000	0
1403	1400	114.83	3.31	2.8	21.1	45.36	0	0	187	1	0	0	0	1	0	0.000	0
1404	1401	114.91	3.85	2.8	20.12	43.65	0	0	261	1	0	0	0	1	0	0.000	0
1405	1402	114.99	4.41	2.9	18.07	39.98	0	0	301	1	0	0	0	1	0	0.000	0
1406	1403	115.07	5.27	3.0	15.14	31.85	0	0	282	1	0	0	0	1	0	0.000	0
1407	1404	115.16	6.08	3.1	11.93	24.63	0	0	-113	1	0	0	1	1	0	0.000	0
1408	1405	115.24	6.73	3.2	9.52	19.55	0	0	-951	1	0	0	1	1	0	0.000	0
1409	1406	115.32	6.98	3.3	7.88	17.04	0	0	-1767	1	0	0	1	1	0	0.000	0
1410	1407	115.4	7.51	3.4	6.57	14.86	0	0	-3306	1	0	0	1	1	0	0.000	0
1411	1408	115.48	9.11	3.5	5.59	12.07	0	0	-11463	1	0	0	1	1	0	0.000	0
1412	1409	115.57	9.06	3.5	5.69	11.41	0	0	-10921	1	0	0	1	1	0	0.000	0
1413	1410	115.65	6.92	3.3	7.74	15.42	0	0	-1744	1	0	0	1	1	0	0.000	0
1414	1411	115.73	4.85	3.1	11.03	23.91	0	0	-113	1	0	0	1	1	0	0.000	0
1415	1412	115.81	3.79	2.9	14.41	31.22	0	0	62	1	0	0	1	1	0	0.000	0
1416	1413	115.89	3.38	2.9	16.7	36.36	0	0	97	1	0	0	0	1	0	0.000	0
1417	1414	115.98	3.23	2.8	18.1	38.69	0	0	114	1	0	0	0	1	0	0.000	0
1418	1415	116.06	3.31	2.8	18.67	40.55	0	0	134	1	0	0	0	1	0	0.000	0
1419	1416	116.14	3.61	2.8	18.7	40.26	0	0	174	1	0	0	0	1	0	0.000	0
1420	1417	116.22	4.12	2.9	18.17	39.14	0	0	242	1	0	0	0	1	0	0.000	0
1421	1418	116.3	4.78	2.9	17.44	37.1	0	0	359	1	0	0	0	1	0	0.000	0
1422	1419	116.39	5.42	3.0	16.86	35.46	0	0	523	1	0	0	0	1	0	0.000	0
1423	1420	116.47	5.92	3.0	16.69	35.37	0	0	735	1	0	0	0	1	0	0.000	0
1424	1421	116.55	6.06	3.0	16.85	36.03	0	0	848	1	0	0	0	1	0	0.000	0
1425	1422	116.63	6.02	3.0	17.12	36.61	0	0	874	1	0	0	0	1	0	0.000	0
1426	1423	116.71	5.8	3.0	17.35	37.18	0	0	777	1	0	0	0	1	0	0.000	0
1427	1424	116.8	5.51	3.0	17.53	37.6	0	0	646	1	0	0	0	1	0	0.000	0
1428	1425	116.88	5.3	3.0	17.67	37.85	0	0	565	1	0	0	0	1	0	0.000	0
1429	1426	116.96	5.32	3.0	17.79	38.16	0	0	587	1	0	0	0	1	0	0.000	0
1430	1427	117.04	5.49	3.0	17.92	38.47	0	0	686	1	0	0	0	1	0	0.000	0
1431	1428	117.12	5.64	3.0	17.98	38.8	0	0	778	1	0	0	0	1	0	0.000	0
1432	1429	117.21	5.73	3.0	17.93	38.71	0	0	825	1	0	0	0	1	0	0.000	0
1433	1430	117.29	5.81	3.0	17.75	38.21	0	0	848	1	0	0	0	1	0	0.000	0
1434	1431	117.37	5.94	3.0	17.47	37.59	0	0	885	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1435	1432	117.45	5.85	3.0	17.12	36.79	0	0	769	1	0	0	0	1	0	0.000	0
1436	1433	117.53	5.55	3.0	16.68	35.89	0	0	554	1	0	0	0	1	0	0.000	0
1437	1434	117.62	5.04	3.0	16.05	34.73	0	0	317	1	0	0	0	1	0	0.000	0
1438	1435	117.7	5.19	3.0	15.34	32.67	0	0	285	1	0	0	0	1	0	0.000	0
1439	1436	117.78	6.18	3.1	14.43	31.28	0	0	411	1	0	0	0	1	0	0.000	0
1440	1437	117.86	7.78	3.2	13.49	28.81	0	0	667	1	0	0	0	1	0	0.000	0
1441	1438	117.94	9.51	3.2	12.12	26.57	0	0	-818	1	0	0	1	1	0	0.000	0
1442	1439	118.03	10.75	3.3	10.61	22.6	0	0	-8939	1	0	0	1	1	0	0.000	0
1443	1440	118.11	11.61	3.4	9.06	19.45	0	0	-27505	1	0	0	1	1	0	0.000	0
1444	1441	118.19	11.69	3.4	7.94	17.1	0	0	-38254	1	0	0	1	1	0	0.000	0
1445	1442	118.27	11.89	3.5	7.23	15.91	0	0	-49821	1	0	0	1	1	0	0.000	0
1446	1443	118.35	12.46	3.5	6.98	15.27	0	0	-73022	1	0	0	1	1	0	0.000	0
1447	1444	118.44	12.9	3.5	7.11	15.62	0	0	-92003	1	0	0	1	1	0	0.000	0
1448	1445	118.52	12.55	3.5	7.76	16.7	0	0	-66080	1	0	0	1	1	0	0.000	0
1449	1446	118.6	11.75	3.4	8.76	19.07	0	0	-32523	1	0	0	1	1	0	0.000	0
1450	1447	118.68	10.25	3.3	10.13	21.63	0	0	-8197	1	0	0	1	1	0	0.000	0
1451	1448	118.77	8.69	3.2	11.69	25.02	0	0	-1015	1	0	0	1	1	0	0.000	0
1452	1449	118.85	6.5	3.1	14.01	28.86	0	0	408	1	0	0	0	1	0	0.000	0
1453	1450	118.93	4.44	2.9	17.92	36.61	0	0	300	1	0	0	0	1	0	0.000	0
1454	1451	119.01	2.94	2.7	22.74	51.56	0	0	162	1	0	1	0	1	0	0.000	0
1455	1452	119.09	2.27	2.6	27.28	62.89	0	0.15	130	1	1	1	0	1	0	0.000	0
1456	1453	119.18	2.09	2.5	29.75	70.05	0	0.12	129	1	1	1	0	1	0	0.000	0
1457	1454	119.26	2.13	2.5	30.57	70.55	0	0.12	141	1	1	1	0	1	0	0.000	0
1458	1455	119.34	2.41	2.6	29.88	69.36	0	0.12	173	1	1	1	0	1	0	0.000	0
1459	1456	119.42	2.83	2.6	28.51	65.11	0	0	230	1	0	1	0	1	0	0.000	0
1460	1457	119.5	3.48	2.7	28.11	60.07	0	0	392	1	0	0	0	1	0	0.000	0
1461	1458	119.59	4.09	2.7	28.07	66.75	0	0	649	1	0	0	0	1	0	0.000	0
1462	1459	119.67	4.38	2.7	30.22	65.2	0	0	936	1	0	0	0	1	0	0.000	0
1463	1460	119.75	4.2	2.7	33.24	77.93	0	0	946	1	0	0	0	1	0	0.000	0
1464	1461	119.83	3.55	2.6	39.04	92.44	0	0	707	1	1	0	0	1	0	0.000	0
1465	1462	119.91	2.78	2.5	47.74	116.04	0	0	485	1	1	1	0	1	0	0.000	0
1466	1463	120	2.34	2.3	57.98	144.22	0	0	424	1	1	1	0	1	0	0.000	0
1467	1464	120.08	1.99	2.2	67.6	158.43	0	0	375	1	1	1	0	1	0	0.000	0
1468	1465	120.16	1.8	2.2	73.63	173.97	0	0	349	0	1	1	0	1	0	0.000	0
1469	1466	120.24	1.65	2.2	75.07	178.12	0	0	311	0	1	1	0	1	0	0.000	0
1470	1467	120.32	1.58	2.1	74.08	158.15	0	0	287	1	1	1	0	1	0	0.000	0
1471	1468	120.41	1.63	2.2	71.13	161.46	0	0	286	0	1	1	0	1	0	0.000	0
1472	1469	120.49	1.58	2.2	71.18	158.71	0	0	274	1	1	1	0	1	0	0.000	0
1473	1470	120.57	1.62	2.2	70.55	156.57	0	0	281	1	1	1	0	1	0	0.000	0
1474	1471	120.65	1.49	2.1	70.25	158.75	0	0	248	1	1	1	0	1	0	0.000	0
1475	1472	120.73	1.35	2.1	70.12	147.93	0	0	217	1	1	1	0	1	0	0.000	0
1476	1473	120.82	1.05	2.0	71.8	141.15	0	0	168	1	1	1	0	1	0	0.000	0
1477	1474	120.9	0.84	2.0	77.11	137.6	0	0.04	149	1	1	1	0	1	0	0.000	0
1478	1475	120.98	0.7	1.9	80.9	147.77	0	0.05	138	1	1	1	0	1	0	0.000	0
1479	1476	121.06	0.66	1.9	76.59	138.47	0	0.06	124	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1480	1477	121.14	0.74	2.0	67.69	110.76	0	0.09	116	1	1	1	0	1	0	0.000	0
1481	1478	121.23	0.91	2.1	59.85	114.84	0	0.05	117	1	1	1	0	1	0	0.000	0
1482	1479	121.31	1.06	2.1	58.25	116.48	0	0.04	131	1	1	1	0	1	0	0.000	0
1483	1480	121.39	1.17	2.1	58.07	117.79	0	0.03	144	1	1	1	0	1	0	0.000	0
1484	1481	121.47	1.13	2.1	61.7	121.93	0	0.03	150	1	1	1	0	1	0	0.000	0
1485	1482	121.55	1.01	2.0	68.91	136.12	0	0.01	153	1	1	1	0	1	0	0.000	0
1486	1483	121.64	0.88	2.0	77.76	149.2	0	0.01	157	1	1	1	0	1	0	0.000	0
1487	1484	121.72	0.83	1.9	83.21	157.26	0	0.01	162	1	1	1	0	1	0	0.000	0
1488	1485	121.8	0.75	1.9	85.68	152.99	0	0.04	155	1	1	1	0	1	0	0.000	0
1489	1486	121.88	0.63	1.8	86.12	141.31	0	0.09	138	1	1	1	0	1	0	0.000	0
1490	1487	121.96	0.53	1.8	83.88	132.21	0	0	122	1	1	1	0	1	0	0.000	0
1491	1488	122.05	0.58	1.9	75.32	126.28	0	0	112	1	1	1	0	1	0	0.000	0
1492	1489	122.13	0.79	2.0	61.92	116.83	0	0	109	1	1	1	0	1	0	0.000	0
1493	1490	122.21	1.32	2.3	46.03	98.66	0	0	123	1	1	1	0	1	0	0.000	0
1494	1491	122.29	2.13	2.5	33.26	74.91	0	0	160	1	1	1	0	1	0	0.000	0
1495	1492	122.37	3.39	2.7	24.66	60.76	0	0	283	1	0	0	0	1	0	0.000	0
1496	1493	122.46	4.97	2.9	17.39	34.14	0	0	413	1	0	0	0	1	0	0.000	0
1497	1494	122.54	7.55	3.2	10.51	22.09	0	0	-1141	1	0	0	1	1	0	0.000	0
1498	1495	122.62	9.02	3.4	6.93	13.54	0	0	-8699	1	0	0	1	1	0	0.000	0
1499	1496	122.7	8.46	3.5	5.03	11.27	0	0	-8020	1	0	0	1	1	0	0.000	0
1500	1497	122.78	6.33	3.5	4.41	10.25	0	0	-1927	1	0	0	1	1	0	0.000	0
1501	1498	122.87	5.82	3.5	4.04	9.47	0	0	-1376	1	0	0	1	1	0	0.000	0
1502	1499	122.95	5.85	3.5	3.81	8.74	0	0	-1441	1	0	0	1	1	0	0.000	0
1503	1500	123.03	5.88	3.5	3.73	8.67	0	0	-1493	1	0	0	1	1	0	0.000	0
1504	1501	123.11	5.85	3.5	3.77	8.81	0	0	-1453	1	0	0	1	1	0	0.000	0
1505	1502	123.19	5.8	3.5	3.85	9	0	0	-1386	1	0	0	1	1	0	0.000	0
1506	1503	123.28	5.71	3.5	3.97	9.18	0	0	-1277	1	0	0	1	1	0	0.000	0
1507	1504	123.36	5.63	3.5	4.09	9.54	0	0	-1184	1	0	0	1	1	0	0.000	0
1508	1505	123.44	5.6	3.5	4.19	9.76	0	0	-1144	1	0	0	1	1	0	0.000	0
1509	1506	123.52	5.75	3.5	4.19	9.86	0	0	-1282	1	0	0	1	1	0	0.000	0
1510	1507	123.6	5.99	3.5	4.16	9.83	0	0	-1542	1	0	0	1	1	0	0.000	0
1511	1508	123.69	6.19	3.5	4.18	9.86	0	0	-1786	1	0	0	1	1	0	0.000	0
1512	1509	123.77	6.15	3.5	4.29	10.16	0	0	-1711	1	0	0	1	1	0	0.000	0
1513	1510	123.85	6.21	3.5	4.28	10.39	0	0	-1791	1	0	0	1	1	0	0.000	0
1514	1511	123.93	6.35	3.5	4.23	9.92	0	0	-1999	1	0	0	1	1	0	0.000	0
1515	1512	124.01	6.71	3.5	4.14	9.93	0	0	-2631	1	0	0	1	1	0	0.000	0
1516	1513	124.1	6.95	3.5	4.2	9.83	0	0	-3107	1	0	0	1	1	0	0.000	0
1517	1514	124.18	6.95	3.5	4.36	10.07	0	0	-3047	1	0	0	1	1	0	0.000	0
1518	1515	124.26	6.8	3.5	4.44	10.73	0	0	-2708	1	0	0	1	1	0	0.000	0
1519	1516	124.34	6.84	3.5	4.3	10.39	0	0	-2836	1	0	0	1	1	0	0.000	0
1520	1517	124.42	7.19	3.5	3.98	9.56	0	0	-3788	1	0	0	1	1	0	0.000	0
1521	1518	124.51	7.51	3.6	3.76	9.13	0	0	-4873	1	0	0	1	1	0	0.000	0
1522	1519	124.59	7.47	3.6	3.69	9.1	0	0	-4776	1	0	0	1	1	0	0.000	0
1523	1520	124.67	7.17	3.6	3.67	8.94	0	0	-3870	1	0	0	1	1	0	0.000	0
1524	1521	124.75	6.94	3.6	3.62	8.92	0	0	-3300	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1525	1522	124.83	6.76	3.6	3.61	8.88	0	0	-2901	1	0	0	1	1	0	0.000	0
1526	1523	124.92	6.59	3.6	3.6	8.78	0	0	-2566	1	0	0	1	1	0	0.000	0
1527	1524	125	6.36	3.5	3.64	8.86	0	0	-2157	1	0	0	1	1	0	0.000	0
1528	1525	125.08	6.18	3.5	3.67	9.03	0	0	-1882	1	0	0	1	1	0	0.000	0
1529	1526	125.16	6.16	3.5	3.66	9.02	0	0	-1856	1	0	0	1	1	0	0.000	0
1530	1527	125.24	6.3	3.5	3.61	8.91	0	0	-2071	1	0	0	1	1	0	0.000	0
1531	1528	125.33	6.46	3.6	3.59	8.87	0	0	-2335	1	0	0	1	1	0	0.000	0
1532	1529	125.41	6.56	3.6	3.57	8.91	0	0	-2519	1	0	0	1	1	0	0.000	0
1533	1530	125.49	6.55	3.6	3.57	8.79	0	0	-2500	1	0	0	1	1	0	0.000	0
1534	1531	125.57	6.5	3.6	3.57	8.8	0	0	-2410	1	0	0	1	1	0	0.000	0
1535	1532	125.65	6.42	3.6	3.56	8.8	0	0	-2275	1	0	0	1	1	0	0.000	0
1536	1533	125.74	6.3	3.6	3.55	8.69	0	0	-2085	1	0	0	1	1	0	0.000	0
1537	1534	125.82	6.23	3.6	3.52	8.75	0	0	-1986	1	0	0	1	1	0	0.000	0
1538	1535	125.9	6.15	3.6	3.51	8.63	0	0	-1873	1	0	0	1	1	0	0.000	0
1539	1536	125.98	6.11	3.6	3.49	8.55	0	0	-1822	1	0	0	1	1	0	0.000	0
1540	1537	126.06	6	3.5	3.5	8.55	0	0	-1677	1	0	0	1	1	0	0.000	0
1541	1538	126.15	5.9	3.5	3.52	8.62	0	0	-1552	1	0	0	1	1	0	0.000	0
1542	1539	126.23	5.87	3.5	3.57	8.67	0	0	-1509	1	0	0	1	1	0	0.000	0
1543	1540	126.31	5.93	3.5	3.63	8.82	0	0	-1568	1	0	0	1	1	0	0.000	0
1544	1541	126.39	5.99	3.5	3.7	8.91	0	0	-1627	1	0	0	1	1	0	0.000	0
1545	1542	126.47	5.96	3.5	3.77	9.02	0	0	-1578	1	0	0	1	1	0	0.000	0
1546	1543	126.56	5.81	3.5	3.89	9.21	0	0	-1390	1	0	0	1	1	0	0.000	0
1547	1544	126.64	5.63	3.5	4.04	9.53	0	0	-1191	1	0	0	1	1	0	0.000	0
1548	1545	126.72	5.47	3.5	4.18	9.76	0	0	-1037	1	0	0	1	1	0	0.000	0
1549	1546	126.8	5.45	3.5	4.27	9.96	0	0	-1010	1	0	0	1	1	0	0.000	0
1550	1547	126.88	5.52	3.5	4.33	10.03	0	0	-1058	1	0	0	1	1	0	0.000	0
1551	1548	126.97	5.62	3.5	4.39	10.13	0	0	-1133	1	0	0	1	1	0	0.000	0
1552	1549	127.05	5.63	3.4	4.46	10.25	0	0	-1132	1	0	0	1	1	0	0.000	0
1553	1550	127.13	5.62	3.4	4.51	10.38	0	0	-1117	1	0	0	1	1	0	0.000	0
1554	1551	127.21	5.58	3.4	4.59	10.38	0	0	-1072	1	0	0	1	1	0	0.000	0
1555	1552	127.3	5.51	3.4	4.68	10.65	0	0	-1005	1	0	0	1	1	0	0.000	0
1556	1553	127.38	5.37	3.4	4.8	10.82	0	0	-888	1	0	0	1	1	0	0.000	0
1557	1554	127.46	5.17	3.4	4.86	10.86	0	0	-755	1	0	0	1	1	0	0.000	0
1558	1555	127.54	5	3.4	4.89	10.89	0	0	-658	1	0	0	1	1	0	0.000	0
1559	1556	127.62	4.89	3.4	4.89	10.85	0	0	-604	1	0	0	1	1	0	0.000	0
1560	1557	127.71	4.93	3.4	4.85	10.73	0	0	-626	1	0	0	1	1	0	0.000	0
1561	1558	127.79	5.04	3.4	4.81	10.62	0	0	-686	1	0	0	1	1	0	0.000	0
1562	1559	127.87	5.2	3.4	4.82	10.64	0	0	-777	1	0	0	1	1	0	0.000	0
1563	1560	127.95	5.36	3.4	4.9	10.83	0	0	-870	1	0	0	1	1	0	0.000	0
1564	1561	128.03	5.5	3.4	5.03	11.02	0	0	-952	1	0	0	1	1	0	0.000	0
1565	1562	128.12	5.56	3.4	5.16	11.29	0	0	-980	1	0	0	1	1	0	0.000	0
1566	1563	128.2	5.49	3.4	5.38	11.57	0	0	-901	1	0	0	1	1	0	0.000	0
1567	1564	128.28	5.42	3.4	5.69	12.13	0	0	-816	1	0	0	1	1	0	0.000	0
1568	1565	128.36	5.33	3.3	6.1	12.96	0	0	-716	1	0	0	1	1	0	0.000	0
1569	1566	128.44	5.25	3.3	6.51	13.85	0	0	-630	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1570	1567	128.53	5.14	3.3	6.76	14.74	0	0	-554	1	0	0	1	1	0	0.000	0
1571	1568	128.61	5.17	3.3	6.66	14.92	0	0	-577	1	0	0	1	1	0	0.000	0
1572	1569	128.69	5.47	3.3	6.17	13.96	0	0	-789	1	0	0	1	1	0	0.000	0
1573	1570	128.77	6.07	3.4	5.44	12.58	0	0	-1386	1	0	0	1	1	0	0.000	0
1574	1571	128.85	6.82	3.5	4.75	11.3	0	0	-2641	1	0	0	1	1	0	0.000	0
1575	1572	128.94	7.52	3.5	4.23	10.36	0	0	-4644	1	0	0	1	1	0	0.000	0
1576	1573	129.02	8.2	3.6	3.82	9.78	0	0	-7809	1	0	0	1	1	0	0.000	0
1577	1574	129.1	8.73	3.7	3.41	8.93	0	0	-11704	1	0	0	1	1	0	0.000	0
1578	1575	129.18	9.25	3.7	2.98	8.02	0	0	-17300	1	0	0	1	1	0	0.000	0
1579	1576	129.26	9.59	3.8	2.55	7.34	0	0	-22567	1	0	0	1	1	0	0.000	0
1580	1577	129.35	9.82	3.8	2.21	6.53	0	0	-27068	1	0	0	1	1	0	0.000	0
1581	1578	129.43	9.93	3.9	1.91	6.11	0	0	-29890	1	0	0	1	1	0	0.000	0
1582	1579	129.51	9.51	3.9	1.75	5.62	0	0	-23149	1	0	0	1	1	0	0.000	0
1583	1580	129.59	8.65	3.9	1.65	5.46	0	0	-13241	1	0	0	1	1	0	0.000	0
1584	1581	129.67	7.63	3.9	1.61	5.39	0	0	-6605	1	0	0	1	1	0	0.000	0
1585	1582	129.76	7.02	3.9	1.62	5.25	0	0	-4283	1	0	0	1	1	0	0.000	0
1586	1583	129.84	6.66	3.8	1.71	5.34	0	0	-3274	1	0	0	1	1	0	0.000	0
1587	1584	129.92	6.02	3.8	1.99	5.74	0	0	-1987	1	0	0	1	1	0	0.000	0
1588	1585	130	5.39	3.7	2.37	6.65	0	0	-1187	1	0	0	1	1	0	0.000	0
1589	1586	130.08	5.51	3.6	2.61	7.42	0	0	-1271	1	0	0	1	1	0	0.000	0
1590	1587	130.17	6.12	3.7	2.62	7.09	0	0	-2013	1	0	0	1	1	0	0.000	0
1591	1588	130.25	7.1	3.7	2.45	6.79	0	0	-4190	1	0	0	1	1	0	0.000	0
1592	1589	130.33	7.47	3.7	2.34	6.44	0	0	-5503	1	0	0	1	1	0	0.000	0
1593	1590	130.41	7.58	3.8	2.24	6.31	0	0	-6009	1	0	0	1	1	0	0.000	0
1594	1591	130.49	7.36	3.8	2.21	6.16	0	0	-5462	1	0	0	1	1	0	0.000	0
1595	1592	130.58	7.07	3.8	2.22	6.12	0	0	-4195	1	0	0	1	1	0	0.000	0
1596	1593	130.66	6.71	3.7	2.28	6.2	0	0	-3216	1	0	0	1	1	0	0.000	0
1597	1594	130.74	6.41	3.7	2.36	6.31	0	0	-2562	1	0	0	1	1	0	0.000	0
1598	1595	130.82	6.21	3.7	2.48	6.35	0	0	-2183	1	0	0	1	1	0	0.000	0
1599	1596	130.9	5.97	3.7	2.62	6.63	0	0	-1799	1	0	0	1	1	0	0.000	0
1600	1597	130.99	5.66	3.6	2.75	6.85	0	0	-1405	1	0	0	1	1	0	0.000	0
1601	1598	131.07	5.44	3.6	2.85	6.92	0	0	-1175	1	0	0	1	1	0	0.000	0
1602	1599	131.15	5.37	3.6	2.9	7.1	0	0	-1107	1	0	0	1	1	0	0.000	0
1603	1600	131.23	5.4	3.6	2.92	7.13	0	0	-1131	1	0	0	1	1	0	0.000	0
1604	1601	131.31	5.51	3.6	2.89	7.05	0	0	-1235	1	0	0	1	1	0	0.000	0
1605	1602	131.4	5.6	3.6	2.84	7.04	0	0	-1329	1	0	0	1	1	0	0.000	0
1606	1603	131.48	5.57	3.6	2.8	6.98	0	0	-1305	1	0	0	1	1	0	0.000	0
1607	1604	131.56	5.46	3.6	2.78	6.95	0	0	-1202	1	0	0	1	1	0	0.000	0
1608	1605	131.64	5.22	3.6	2.79	6.92	0	0	-997	1	0	0	1	1	0	0.000	0
1609	1606	131.72	5.07	3.6	2.81	6.89	0	0	-885	1	0	0	1	1	0	0.000	0
1610	1607	131.81	4.99	3.6	2.83	6.91	0	0	-830	1	0	0	1	1	0	0.000	0
1611	1608	131.89	5.01	3.6	2.85	6.95	0	0	-841	1	0	0	1	1	0	0.000	0
1612	1609	131.97	5	3.6	2.88	6.97	0	0	-832	1	0	0	1	1	0	0.000	0
1613	1610	132.05	4.95	3.6	2.92	7.07	0	0	-797	1	0	0	1	1	0	0.000	0
1614	1611	132.13	4.85	3.6	2.97	7.17	0	0	-733	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1615	1612	132.22	4.86	3.6	3.02	7.28	0	0	-734	1	0	0	1	1	0	0.000	0
1616	1613	132.3	4.9	3.5	3.08	7.29	0	0	-753	1	0	0	1	1	0	0.000	0
1617	1614	132.38	4.94	3.5	3.12	7.39	0	0	-774	1	0	0	1	1	0	0.000	0
1618	1615	132.46	4.96	3.5	3.14	7.45	0	0	-785	1	0	0	1	1	0	0.000	0
1619	1616	132.54	5.04	3.5	3.17	7.58	0	0	-833	1	0	0	1	1	0	0.000	0
1620	1617	132.63	5.21	3.5	3.21	7.7	0	0	-947	1	0	0	1	1	0	0.000	0
1621	1618	132.71	5.38	3.6	3.2	7.69	0	0	-1081	1	0	0	1	1	0	0.000	0
1622	1619	132.79	5.59	3.6	3.17	7.61	0	0	-1274	1	0	0	1	1	0	0.000	0
1623	1620	132.87	6.02	3.6	3.16	7.8	0	0	-1766	1	0	0	1	1	0	0.000	0
1624	1621	132.95	6.57	3.6	3.26	7.97	0	0	-2625	1	0	0	1	1	0	0.000	0
1625	1622	133.04	7.17	3.6	3.31	8.17	0	0	-4028	1	0	0	1	1	0	0.000	0
1626	1623	133.12	7.57	3.6	3.26	8.3	0	0	-5374	1	0	0	1	1	0	0.000	0
1627	1624	133.2	7.74	3.6	3.15	8.09	0	0	-6124	1	0	0	1	1	0	0.000	0
1628	1625	133.28	7.77	3.7	3.05	8.02	0	0	-6320	1	0	0	1	1	0	0.000	0
1629	1626	133.36	7.58	3.7	3.02	7.73	0	0	-5552	1	0	0	1	1	0	0.000	0
1630	1627	133.45	7.3	3.7	2.99	7.62	0	0	-4572	1	0	0	1	1	0	0.000	0
1631	1628	133.53	7	3.6	2.99	7.6	0	0	-3690	1	0	0	1	1	0	0.000	0
1632	1629	133.61	7.04	3.6	2.94	7.51	0	0	-3818	1	0	0	1	1	0	0.000	0
1633	1630	133.69	7.23	3.7	2.87	7.37	0	0	-4405	1	0	0	1	1	0	0.000	0
1634	1631	133.77	7.55	3.7	2.74	7.12	0	0	-5597	1	0	0	1	1	0	0.000	0
1635	1632	133.86	7.68	3.7	2.66	6.78	0	0	-6181	1	0	0	1	1	0	0.000	0
1636	1633	133.94	7.93	3.7	2.68	6.82	0	0	-7338	1	0	0	1	1	0	0.000	0
1637	1634	134.02	6.7	3.6	3.3	7.05	0	0	-2874	1	0	0	1	1	0	0.000	0
1638	1635	134.1	6.14	3.5	3.99	10.1	0	0	-1760	1	0	0	1	1	0	0.000	0
1639	1636	134.18	5.91	3.5	4.49	10.65	0	0	-1495	1	0	0	1	1	0	0.000	0
1640	1637	134.27	6.54	3.5	4.36	10.28	0	0	-2263	1	0	0	1	1	0	0.000	0
1641	1638	134.35	7.12	3.5	4.01	9.86	0	0	-3590	1	0	0	1	1	0	0.000	0
1642	1639	134.43	7.8	3.6	3.7	9.28	0	0	-6009	1	0	0	1	1	0	0.000	0
1643	1640	134.51	8.24	3.6	3.46	8.53	0	0	-8358	1	0	0	1	1	0	0.000	0
1644	1641	134.59	8.25	3.6	3.42	8.37	0	0	-8453	1	0	0	1	1	0	0.000	0
1645	1642	134.68	7.56	3.6	3.52	8.57	0	0	-5186	1	0	0	1	1	0	0.000	0
1646	1643	134.76	7.12	3.6	3.72	8.8	0	0	-3713	1	0	0	1	1	0	0.000	0
1647	1644	134.84	6.89	3.5	3.89	9.22	0	0	-3087	1	0	0	1	1	0	0.000	0
1648	1645	134.92	7.06	3.5	4.01	9.37	0	0	-3440	1	0	0	1	1	0	0.000	0
1649	1646	135	7.17	3.5	3.98	9.36	0	0	-3734	1	0	0	1	1	0	0.000	0
1650	1647	135.09	7.02	3.5	3.99	9.24	0	0	-3350	1	0	0	1	1	0	0.000	0
1651	1648	135.17	6.83	3.5	4.02	9.53	0	0	-2911	1	0	0	1	1	0	0.000	0
1652	1649	135.25	6.65	3.5	4.02	9.61	0	0	-2554	1	0	0	1	1	0	0.000	0
1653	1650	135.33	6.71	3.5	3.86	9.2	0	0	-2719	1	0	0	1	1	0	0.000	0
1654	1651	135.41	6.85	3.6	3.62	8.83	0	0	-3093	1	0	0	1	1	0	0.000	0
1655	1652	135.5	7.24	3.6	3.46	8.47	0	0	-4165	1	0	0	1	1	0	0.000	0
1656	1653	135.58	7.87	3.6	3.42	8.22	0	0	-6509	1	0	0	1	1	0	0.000	0
1657	1654	135.66	8.51	3.6	3.76	8.32	0	0	-9706	1	0	0	1	1	0	0.000	0
1658	1655	135.74	8.33	3.5	4.85	9.91	0	0	-7520	1	0	0	1	1	0	0.000	0
1659	1656	135.83	7.97	3.4	6.67	14.11	0	0	-4479	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1660	1657	135.91	7.55	3.3	8.69	19.47	0	0	-2185	1	0	0	1	1	0	0.000	0
1661	1658	135.99	7.3	3.2	10.39	23.59	0	0	-1014	1	0	0	1	1	0	0.000	0
1662	1659	136.07	7.38	3.2	11.27	26.86	0	0	-626	1	0	0	1	1	0	0.000	0
1663	1660	136.15	8.27	3.2	10.78	26.62	0	0	-1623	1	0	0	1	1	0	0.000	0
1664	1661	136.24	9.51	3.3	9.66	20.9	0	0	-6116	1	0	0	1	1	0	0.000	0
1665	1662	136.32	10.79	3.4	8.61	19.59	0	0	-18860	1	0	0	1	1	0	0.000	0
1666	1663	136.4	10.4	3.4	8.98	19.69	0	0	-13382	1	0	0	1	1	0	0.000	0
1667	1664	136.48	9.21	3.3	10.24	23.11	0	0	-4001	1	0	0	1	1	0	0.000	0
1668	1665	136.56	7.65	3.2	12.19	27.5	0	0	-191	1	0	0	1	1	0	0.000	0
1669	1666	136.65	6.62	3.1	13.84	32.82	0	0	395	1	0	0	0	1	0	0.000	0
1670	1667	136.73	6.1	3.1	15.06	34.77	0	0	514	1	0	0	0	1	0	0.000	0
1671	1668	136.81	6.09	3.0	15.49	36.77	0	0	596	1	0	0	0	1	0	0.000	0
1672	1669	136.89	5.91	3.0	15.39	36.12	0	0	503	1	0	0	0	1	0	0.000	0
1673	1670	136.97	5.6	3.0	14.73	34.15	0	0	307	1	0	0	0	1	0	0.000	0
1674	1671	137.06	5.22	3.0	13.87	32.14	0	0	141	1	0	0	0	1	0	0.000	0
1675	1672	137.14	4.85	3.0	13.61	30.01	0	0	85	1	0	0	0	1	0	0.000	0
1676	1673	137.22	4.43	3.0	13.99	32.35	0	0	82	1	0	0	0	1	0	0.000	0
1677	1674	137.3	3.75	2.9	14.71	34.67	0	0	70	1	0	0	1	1	0	0.000	0
1678	1675	137.38	3.25	2.9	15.13	35.07	0	0	54	1	0	0	1	1	0	0.000	0
1679	1676	137.47	3.06	2.9	15.2	35.15	0	0	47	1	0	0	1	1	0	0.000	0
1680	1677	137.55	3.28	2.9	15.24	35.27	0	0	58	1	0	0	1	1	0	0.000	0
1681	1678	137.63	3.65	2.9	15.39	35.39	0	0	84	1	0	0	0	1	0	0.000	0
1682	1679	137.71	3.92	2.9	15.68	36.34	0	0	11	1	0	0	0	1	0	0.000	0
1683	1680	137.79	4	2.9	16.29	37.51	0	0	147	1	0	0	0	1	0	0.000	0
1684	1681	137.88	3.58	2.9	17.23	39.97	0	0	29	1	0	0	0	1	0	0.000	0
1685	1682	137.96	2.81	2.8	18.51	43.35	0	0	85	1	0	1	0	1	0	0.000	0
1686	1683	138.04	1.92	2.6	19.7	46.94	0	0	46	1	0	1	1	1	0	0.000	0
1687	1684	138.12	1.51	2.6	20.58	48.7	0	0.22	35	1	1	1	1	1	0	0.000	0
1688	1685	138.2	1.62	2.6	20.92	49.95	0	0.22	41	1	1	1	1	1	0	0.000	0
1689	1686	138.29	2.08	2.6	20.91	49.5	0	0	62	1	0	1	1	1	0	0.000	0
1690	1687	138.37	2.58	2.7	20.65	48.9	0	0	94	1	0	1	0	1	0	0.000	0
1691	1688	138.45	2.9	2.7	20.66	48.31	0	0	125	1	0	1	0	1	0	0.000	0
1692	1689	138.53	3.16	2.8	20.87	50.11	0	0	160	1	0	0	0	1	0	0.000	0
1693	1690	138.61	3.47	2.8	21.25	50.99	0	0	218	1	0	0	0	1	0	0.000	0
1694	1691	138.7	4.07	2.8	21.23	51.61	0	0	358	1	0	0	0	1	0	0.000	0
1695	1692	138.78	5	2.9	20.51	50.21	0	0	693	1	0	0	0	1	0	0.000	0
1696	1693	138.86	6.14	3.0	18.88	45.59	0	0	1320	1	0	0	0	1	0	0.000	0
1697	1694	138.94	7.27	3.1	16.95	39.09	0	0	2094	1	0	0	0	1	0	0.000	0
1698	1695	139.02	8.24	3.1	15.6	35.41	0	0	2866	1	0	0	0	1	0	0.000	0
1699	1696	139.11	9.25	3.2	14.69	35.28	0	0	3980	1	0	0	0	1	0	0.000	0
1700	1697	139.19	10.24	3.2	13.43	32.43	0	0	3196	1	0	0	0	1	0	0.000	0
1701	1698	139.27	11.23	3.3	11.19	26.45	0	0	-8322	1	0	0	1	1	0	0.000	0
1702	1699	139.35	11.69	3.4	8.64	19.78	0	0	-32381	1	0	0	1	1	0	0.000	0
1703	1700	139.43	12.25	3.5	6.12	15.27	0	0	-74630	1	0	0	1	1	0	0.000	0
1704	1701	139.52	13.05	3.7	4.28	10.32	0	0	-152913	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1705	1702	139.6	13.73	3.8	3.06	8.42	0	0	-257979	1	0	0	1	1	0	0.000	0
1706	1703	139.68	12.08	3.8	2.64	7.94	0	0	-104336	1	0	0	1	1	0	0.000	0
1707	1704	139.76	9.3	3.8	2.55	7.83	0	0	-18684	1	0	0	1	1	0	0.000	0
1708	1705	139.84	7.58	3.7	2.54	7.86	0	0	-5833	1	0	0	1	1	0	0.000	0
1709	1706	139.93	7.1	3.7	2.52	7.86	0	0	-4161	1	0	0	1	1	0	0.000	0
1710	1707	140.01	7.08	3.7	2.47	7.68	0	0	-4122	1	0	0	1	1	0	0.000	0
1711	1708	140.09	7.08	3.7	2.43	7.55	0	0	-4139	1	0	0	1	1	0	0.000	0
1712	1709	140.17	6.98	3.7	2.43	7.54	0	0	-3852	1	0	0	1	1	0	0.000	0
1713	1710	140.25	6.8	3.7	2.49	7.62	0	0	-3363	1	0	0	1	1	0	0.000	0
1714	1711	140.34	6.82	3.7	2.57	7.83	0	0	-3384	1	0	0	1	1	0	0.000	0
1715	1712	140.42	8.34	3.7	2.67	7.92	0	0	-9729	1	0	0	1	1	0	0.000	0
1716	1713	140.5	10.91	3.8	2.77	8.1	0	0	-50804	1	0	0	1	1	0	0.000	0
1717	1714	140.58	12.6	3.8	2.87	8.28	0	0	-138211	1	0	0	1	1	0	0.000	0
1718	1715	140.66	12.38	3.8	3.11	8.45	0	0	-118542	1	0	0	1	1	0	0.000	0
1719	1716	140.75	9.76	3.6	3.79	9.41	0	0	-22045	1	0	0	1	1	0	0.000	0
1720	1717	140.83	8.52	3.6	4.19	12.23	0	0	-9291	1	0	0	1	1	0	0.000	0
1721	1718	140.91	7.85	3.5	4.26	10.73	0	0	-5826	1	0	0	1	1	0	0.000	0
1722	1719	140.99	8.19	3.6	3.65	9.83	0	0	-7908	1	0	0	1	1	0	0.000	0
1723	1720	141.07	8.22	3.7	3.14	8.59	0	0	-8537	1	0	0	1	1	0	0.000	0
1724	1721	141.16	7.95	3.7	2.75	7.75	0	0	-7387	1	0	0	1	1	0	0.000	0
1725	1722	141.24	7.31	3.7	2.57	7.37	0	0	-6308	1	0	0	1	1	0	0.000	0
1726	1723	141.32	6.66	3.7	2.5	7.22	0	0	-3034	1	0	0	1	1	0	0.000	0
1727	1724	141.4	5.95	3.7	2.47	7.1	0	0	-1801	1	0	0	1	1	0	0.000	0
1728	1725	141.48	5.7	3.7	2.5	7.05	0	0	-1485	1	0	0	1	1	0	0.000	0
1729	1726	141.57	5.57	3.6	2.64	7.22	0	0	-1426	1	0	0	1	1	0	0.000	0
1730	1727	141.65	5.64	3.6	2.84	7.7	0	0	-1371	1	0	0	1	1	0	0.000	0
1731	1728	141.73	5.96	3.6	3.09	8.07	0	0	-1701	1	0	0	1	1	0	0.000	0
1732	1729	141.81	6.33	3.6	3.26	8.51	0	0	-2201	1	0	0	1	1	0	0.000	0
1733	1730	141.89	6.82	3.6	3.44	8.67	0	0	-3088	1	0	0	1	1	0	0.000	0
1734	1731	141.98	6.95	3.6	3.79	9.06	0	0	-3261	1	0	0	1	1	0	0.000	0
1735	1732	142.06	6.79	3.5	4.43	10.47	0	0	-2691	1	0	0	1	1	0	0.000	0
1736	1733	142.14	6.41	3.4	5.1	12.34	0	0	-1870	1	0	0	1	1	0	0.000	0
1737	1734	142.22	6.37	3.4	5.34	13.25	0	0	-1756	1	0	0	1	1	0	0.000	0
1738	1735	142.3	7.05	3.5	4.97	12.44	0	0	-3029	1	0	0	1	1	0	0.000	0
1739	1736	142.39	8.04	3.6	4.24	10.72	0	0	-6659	1	0	0	1	1	0	0.000	0
1740	1737	142.47	8.68	3.6	3.56	9.14	0	0	-11132	1	0	0	1	1	0	0.000	0
1741	1738	142.55	8.02	3.7	3.18	8.38	0	0	-7411	1	0	0	1	1	0	0.000	0
1742	1739	142.63	6.88	3.6	3.13	8.19	0	0	-3335	1	0	0	1	1	0	0.000	0
1743	1740	142.71	5.88	3.6	3.15	8.42	0	0	-1591	1	0	0	1	1	0	0.000	0
1744	1741	142.8	5.6	3.6	3.07	8.18	0	0	-1298	1	0	0	1	1	0	0.000	0
1745	1742	142.88	5.58	3.6	2.84	7.74	0	0	-1309	1	0	0	1	1	0	0.000	0
1746	1743	142.96	5.83	3.6	2.64	7.18	0	0	-1616	1	0	0	1	1	0	0.000	0
1747	1744	143.04	5.74	3.7	2.51	6.92	0	0	-1530	1	0	0	1	1	0	0.000	0
1748	1745	143.12	5.44	3.7	2.46	6.78	0	0	-1222	1	0	0	1	1	0	0.000	0
1749	1746	143.21	5.09	3.6	2.4	6.76	0	0	-937	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1750	1747	143.29	4.83	3.6	2.31	6.51	0	0	-771	1	0	0	1	1	0	0.000	0
1751	1748	143.37	4.76	3.7	2.19	6.24	0	0	-738	1	0	0	1	1	0	0.000	0
1752	1749	143.45	4.76	3.7	2.12	6.03	0	0	-743	1	0	0	1	1	0	0.000	0
1753	1750	143.53	4.85	3.7	2.15	6.04	0	0	-796	1	0	0	1	1	0	0.000	0
1754	1751	143.62	5.47	3.7	2.28	6.35	0	0	-1273	1	0	0	1	1	0	0.000	0
1755	1752	143.7	6.04	3.7	2.45	6.63	0	0	-1929	1	0	0	1	1	0	0.000	0
1756	1753	143.78	6.67	3.7	2.56	6.99	0	0	-3038	1	0	0	1	1	0	0.000	0
1757	1754	143.86	7.16	3.7	2.59	6.98	0	0	-4312	1	0	0	1	1	0	0.000	0
1758	1755	143.95	7.65	3.7	2.61	6.93	0	0	-6083	1	0	0	1	1	0	0.000	0
1759	1756	144.03	7.75	3.7	2.67	7.09	0	0	-6483	1	0	0	1	1	0	0.000	0
1760	1757	144.11	7.53	3.7	2.73	7.21	0	0	-5525	1	0	0	1	1	0	0.000	0
1761	1758	144.19	7.28	3.7	2.75	7.24	0	0	-4621	1	0	0	1	1	0	0.000	0
1762	1759	144.27	7.28	3.7	2.73	7.17	0	0	-4631	1	0	0	1	1	0	0.000	0
1763	1760	144.36	7.35	3.7	2.67	7.08	0	0	-4896	1	0	0	1	1	0	0.000	0
1764	1761	144.44	7.43	3.7	2.61	6.92	0	0	-5212	1	0	0	1	1	0	0.000	0
1765	1762	144.52	7.44	3.7	2.56	6.83	0	0	-5276	1	0	0	1	1	0	0.000	0
1766	1763	144.6	7.39	3.7	2.54	6.81	0	0	-5103	1	0	0	1	1	0	0.000	0
1767	1764	144.68	7.43	3.7	2.55	6.79	0	0	-5244	1	0	0	1	1	0	0.000	0
1768	1765	144.77	7.49	3.7	2.55	6.8	0	0	-5470	1	0	0	1	1	0	0.000	0
1769	1766	144.85	7.53	3.7	2.55	6.81	0	0	-5627	1	0	0	1	1	0	0.000	0
1770	1767	144.93	7.6	3.7	2.54	6.78	0	0	-5916	1	0	0	1	1	0	0.000	0
1771	1768	145.01	7.87	3.7	2.55	6.79	0	0	-7133	1	0	0	1	1	0	0.000	0
1772	1769	145.09	8.13	3.7	2.61	6.85	0	0	-848	1	0	0	1	1	0	0.000	0
1773	1770	145.18	8.17	3.7	2.7	7.02	0	0	-8637	1	0	0	1	1	0	0.000	0
1774	1771	145.26	7.67	3.7	2.8	7.25	0	0	-8450	1	0	0	1	1	0	0.000	0
1775	1772	145.34	7.05	3.7	2.91	7.45	0	0	-3857	1	0	0	1	1	0	0.000	0
1776	1773	145.42	6.46	3.6	3.05	7.67	0	0	-2477	1	0	0	1	1	0	0.000	0
1777	1774	145.5	5.87	3.6	3.16	7.98	0	0	-1578	1	0	0	1	1	0	0.000	0
1778	1775	145.59	5.67	3.6	3.23	8.1	0	0	-1346	1	0	0	1	1	0	0.000	0
1779	1776	145.67	6.71	3.6	3.29	8.13	0	0	-2898	1	0	0	1	1	0	0.000	0
1780	1777	145.75	8.41	3.6	3.71	8.37	0	0	-9123	1	0	0	1	1	0	0.000	0
1781	1778	145.83	8.95	3.5	5.19	10.36	0	0	-10899	1	0	0	1	1	0	0.000	0
1782	1779	145.91	7.87	3.4	7.07	17.14	0	0	-3893	1	0	0	1	1	0	0.000	0
1783	1780	146	6.6	3.3	8.83	21.3	0	0	-1066	1	0	0	1	1	0	0.000	0
1784	1781	146.08	5.36	3.1	10.22	23.27	0	0	-261	1	0	0	1	1	0	0.000	0
1785	1782	146.16	4.19	3.0	12.89	28.09	0	0	18	1	0	0	1	1	0	0.000	0
1786	1783	146.24	3.79	2.9	15.69	41.07	0	0	104	1	0	0	0	1	0	0.000	0
1787	1784	146.32	3.85	2.9	18.04	43.59	0	0	190	1	0	0	0	1	0	0.000	0
1788	1785	146.41	4.57	2.9	18.62	45.87	0	0	377	1	0	0	0	1	0	0.000	0
1789	1786	146.49	5.47	3.0	18.2	45.85	0	0	710	1	0	0	0	1	0	0.000	0
1790	1787	146.57	6.87	3.1	16.57	41.06	0	0	1438	1	0	0	0	1	0	0.000	0
1791	1788	146.65	8.92	3.2	14.27	33.57	0	0	2587	1	0	0	0	1	0	0.000	0
1792	1789	146.73	10.9	3.3	12.17	28.37	0	0	-1712	1	0	0	1	1	0	0.000	0
1793	1790	146.82	10.83	3.3	11.16	25.45	0	0	-6659	1	0	0	1	1	0	0.000	0
1794	1791	146.9	8.79	3.3	10.45	26.27	0	0	-2748	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1795	1792	146.98	6.27	3.2	9.99	23.34	0	0	-572	1	0	0	1	1	0	0.000	0
1796	1793	147.06	4.64	3.1	9.17	22.28	0	0	-217	1	0	0	1	1	0	0.000	0
1797	1794	147.14	3.43	3.1	9.16	20.59	0	0	-80	1	0	0	1	1	0	0.000	0
1798	1795	147.23	3.24	3.0	9.44	21.69	0	0	-63	1	0	0	1	1	0	0.000	0
1799	1796	147.31	3.5	3.0	10.07	22.27	0	0	-62	1	0	0	1	1	0	0.000	0
1800	1797	147.39	4.48	3.1	10.16	22.81	0	0	-134	1	0	0	1	1	0	0.000	0
1801	1798	147.47	4.9	3.1	10.88	22.77	0	0	-130	1	0	0	1	1	0	0.000	0
1802	1799	147.55	5.47	3.1	12.59	28.79	0	0	11	1	0	0	1	1	0	0.000	0
1803	1800	147.64	5.77	3.0	15.34	37.23	0	0	445	1	0	0	0	1	0	0.000	0
1804	1801	147.72	6.88	3.0	17.48	41.5	0	0	1773	1	0	0	0	1	0	0.000	0
1805	1802	147.8	7.47	3.0	19.58	44.89	0	0	3838	1	0	0	0	1	0	0.000	0
1806	1803	147.88	7.71	3.0	21.99	54.43	0	0	6087	1	0	0	0	1	0	0.000	0
1807	1804	147.96	7.13	2.9	24.5	65.5	0	0	5111	1	0	0	0	1	0	0.000	0
1808	1805	148.05	7.02	2.9	25.65	67.77	0	0	5177	1	0	0	0	1	0	0.000	0
1809	1806	148.13	6.62	2.9	26.18	64.72	0	0	4032	1	0	0	0	1	0	0.000	0
1810	1807	148.21	6.05	2.9	26.85	69.45	0	0	2775	1	0	0	0	1	0	0.000	0
1811	1808	148.29	4.85	2.8	28.69	73.48	0	0	1244	1	0	0	0	1	0	0.000	0
1812	1809	148.37	3.7	2.7	31.24	82.67	0	0	566	1	0	0	0	1	0	0.000	0
1813	1810	148.46	3.18	2.6	33.18	96.01	0	0	403	1	0	0	0	1	0	0.000	0
1814	1811	148.54	3.32	2.6	33.32	90.17	0	0	457	1	0	0	0	1	0	0.000	0
1815	1812	148.62	3.61	2.7	31.94	82.44	0	0	545	1	0	0	0	1	0	0.000	0
1816	1813	148.7	3.32	2.6	31.98	80.71	0	0	427	1	0	0	0	1	0	0.000	0
1817	1814	148.78	2.63	2.5	33.51	93	0	0.05	251	1	1	1	0	1	0	0.000	0
1818	1815	148.87	2.5	2.5	34.8	99.35	0	0.04	240	1	1	1	0	1	0	0.000	0
1819	1816	148.95	2.87	2.6	35.81	94.64	0	0.05	147	1	1	1	0	1	0	0.000	0
1820	1817	149.03	3.32	2.6	36.96	104.08	0	0.03	537	1	1	0	0	1	0	0.000	0
1821	1818	149.11	3.63	2.6	37.35	113.13	0	0	708	1	0	0	0	1	0	0.000	0
1822	1819	149.19	3.87	2.6	36.66	99.68	0	0	841	1	0	0	0	1	0	0.000	0
1823	1820	149.28	3.77	2.6	36.03	98.14	0	0	754	1	0	0	0	1	0	0.000	0
1824	1821	149.36	3.61	2.6	36.42	106.45	0	0	670	1	0	0	0	1	0	0.000	0
1825	1822	149.44	3.41	2.6	36.04	103.23	0	0.03	557	1	0	0	0	1	0	0.000	0
1826	1823	149.52	3.32	2.6	37.08	93.59	0	0.05	539	1	1	0	0	1	0	0.000	0
1827	1824	149.6	3.2	2.6	38.04	119.26	0	0	506	1	1	0	0	1	0	0.000	0
1828	1825	149.69	2.06	2.4	39.32	114.21	0	0.01	194	1	1	1	0	1	0	0.000	0
1829	1826	149.77	1.09	2.2	42.22	104.37	0	0.05	87	1	1	1	0	1	0	0.000	0
1830	1827	149.85	0	4.1	35.77	107.41	0	0	23	1	0	1	1	1	0	0.000	0
1831	1828	149.93	0	4.1	32.26	90.34	0	0	20	1	0	1	1	1	0	0.000	0
1832	1829	150.01	0	4.1	29	72.6	0	0	17	1	0	1	1	1	0	0.000	0

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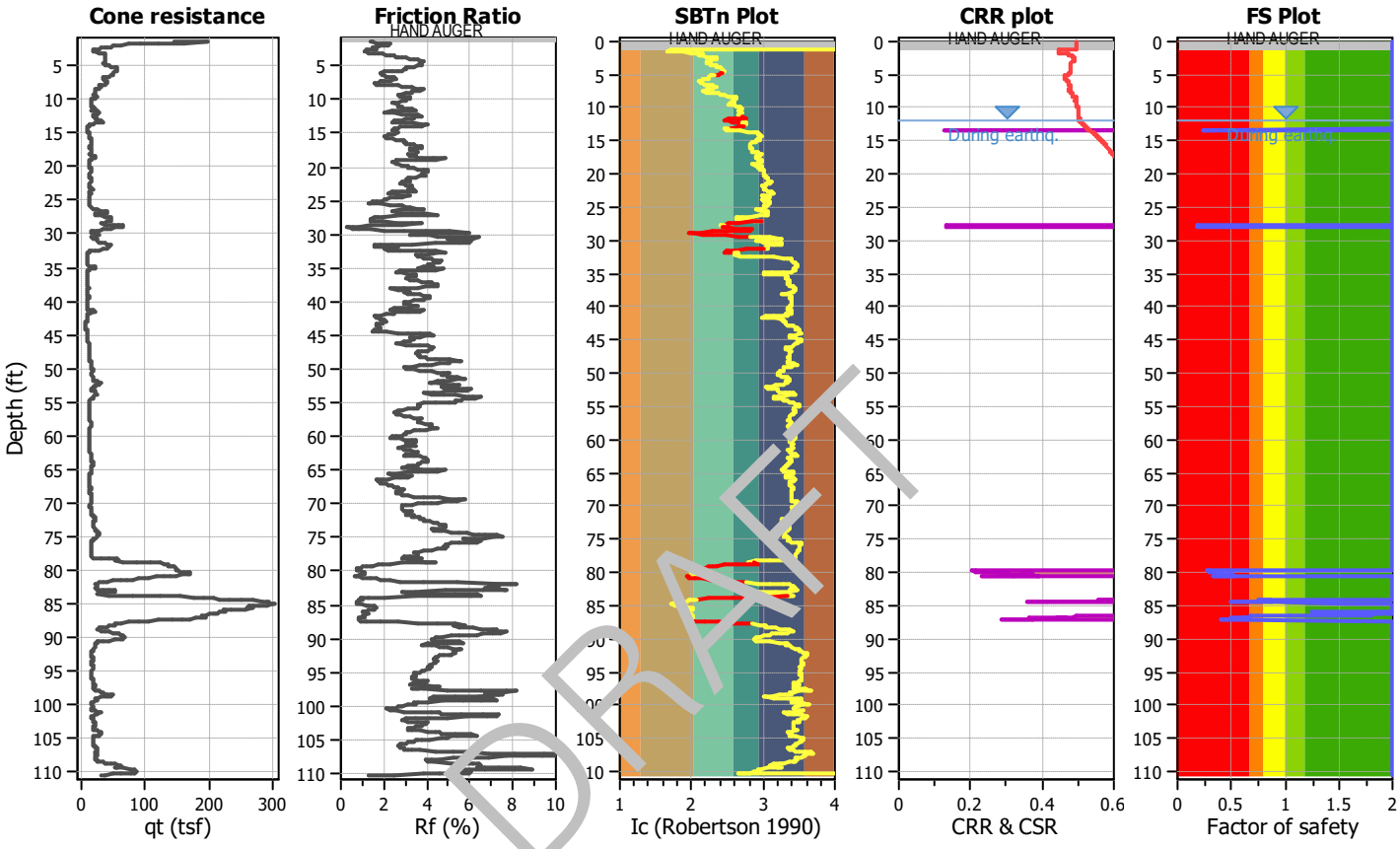
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : sCPT-3

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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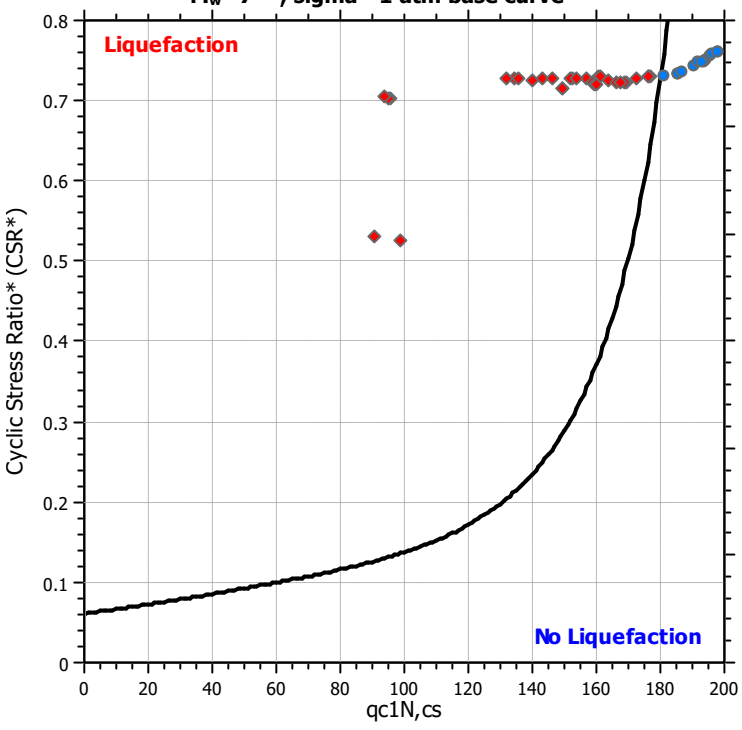
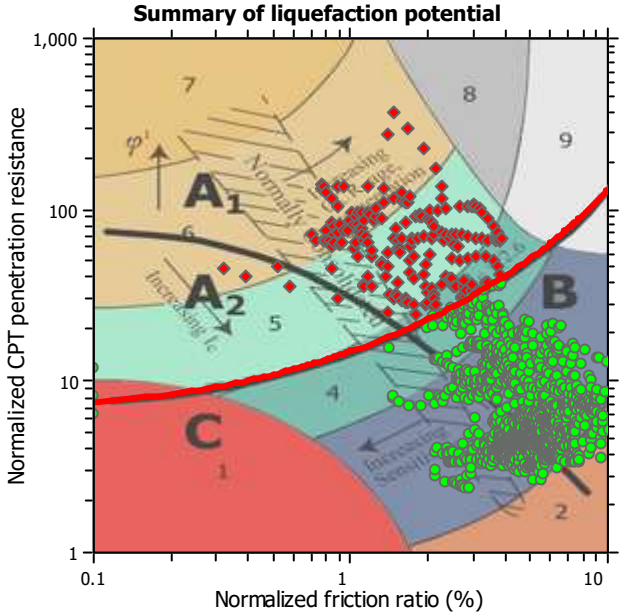
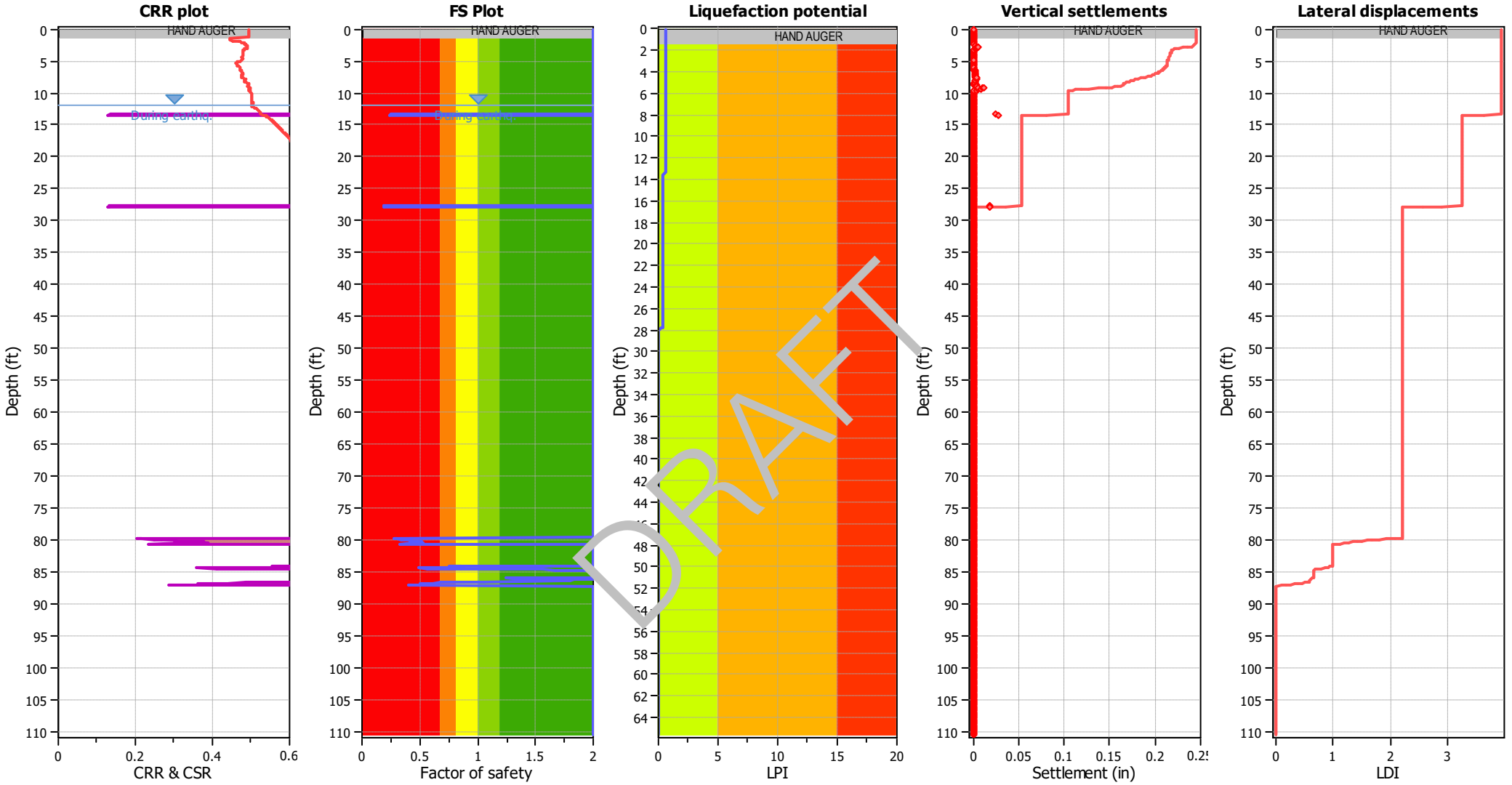




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-3, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0.02
20	17	1.39	1.39	1.7	271.57	364.83	0	0	2011	0	1	1	0	1	0	0.110	0.02
21	18	1.48	1.47	1.7	372.27	328.07	0	0	1514	0	1	1	0	1	0	0.110	0.02
22	19	1.56	1.66	1.8	301.28	256.84	0	0	1451	0	1	1	0	1	0	0.110	0.02
23	20	1.64	1.92	1.9	227.16	183.91	0	0	1370	0	1	1	0	1	0	0.110	0.02
24	21	1.72	2.13	2.0	173.4	139.06	0	0	1243	1	1	1	0	1	0	0.110	0.02
25	22	1.8	2.28	2.1	137.22	119.7	0	0	1103	1	1	1	0	1	0	0.110	0.02
26	23	1.89	2.24	2.1	114.95	91.51	0	0	874	1	1	1	0	1	0	0.110	0.02
27	24	1.97	2.16	2.1	98.69	81.63	0	0	684	1	1	1	0	1	0	0.110	0.02
28	25	2.05	1.88	2.1	91.39	77.68	0	0	485	1	1	1	0	1	0	0.110	0.02
29	26	2.13	1.65	2.1	84.79	72.57	0	0	360	1	1	1	0	1	0	0.110	0.02
30	27	2.21	1.5	2.1	76.95	65.17	0	0	279	1	1	1	0	1	0	0.110	0.02
31	28	2.3	1.48	2.2	68.55	58.14	0	0	238	1	1	1	0	1	0	0.110	0.02
32	29	2.38	1.55	2.2	59.95	51.54	0	0	215	1	1	1	0	1	0	0.110	0.02
33	30	2.46	1.7	2.3	50.92	43.45	0	0	200	1	1	1	0	1	0	0.110	0.02
34	31	2.54	1.71	2.3	43.26	35.17	0	0	162	1	1	1	0	1	0	0.110	0.02
35	32	2.62	1.52	2.4	38.12	32.04	0	0	113	1	1	1	0	1	0	0.110	0.02
36	33	2.71	1.22	2.3	35.91	30.39	0	0	78	1	1	1	1	1	0	0.110	0.02
37	34	2.79	1.12	2.3	35.32	29.6	0	0	69	1	1	1	1	1	0	0.110	0.02
38	35	2.87	1.12	2.3	36.49	30.52	0	0	72	1	1	1	1	1	0	0.110	0.02

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.17	2.3	41.33	33.24	0	0	91	1	1	1	0	1	0	0.110	0.02
40	37	3.03	1.32	2.2	49.53	41.74	0	0	135	1	1	1	0	1	0	0.110	0.02
41	38	3.12	1.54	2.2	58.79	51.21	0	0	208	1	1	1	0	1	0	0.110	0.02
42	39	3.2	1.72	2.2	65.95	56.92	0	0	284	1	1	1	0	1	0	0.110	0.02
43	40	3.28	1.91	2.2	69.56	60.24	0	0	361	1	1	1	0	1	0	0.110	0.02
44	41	3.36	2.11	2.2	71.52	60.74	0	0	448	1	1	1	0	1	0	0.110	0.02
45	42	3.44	2.33	2.3	72.04	62	0	0	551	1	1	1	0	1	0	0.110	0.02
46	43	3.53	2.47	2.3	72.24	61.54	0	0	626	1	1	1	0	1	0	0.110	0.02
47	44	3.61	2.57	2.3	71.62	61.25	0	0	677	1	1	1	0	1	0	0.110	0.02
48	45	3.69	2.69	2.3	70.83	60.49	0	0	742	1	1	1	0	1	0	0.110	0.02
49	46	3.77	2.85	2.3	69.77	59.62	0	0	838	1	1	1	0	1	0	0.110	0.02
50	47	3.85	3.05	2.4	68.67	58.62	0	0	978	1	1	0	0	1	0	0.110	0.02
51	48	3.94	3.22	2.4	67.76	57.81	0	0	1113	1	1	0	0	1	0	0.110	0.02
52	49	4.02	3.43	2.4	67.1	57.36	0	0	1315	1	1	0	0	1	0	0.110	0.02
53	50	4.1	3.64	2.4	66.69	57.03	0	0	1557	1	1	0	0	1	0	0.110	0.02
54	51	4.18	3.81	2.4	66.62	56.83	0	0	1792	1	1	0	0	1	0	0.110	0.02
55	52	4.26	3.84	2.4	67.3	57.23	0	0	1860	1	1	0	0	1	0	0.110	0.02
56	53	4.35	3.75	2.4	68.34	58.81	0	0	[illegible]	1	1	0	0	1	0	0.110	0.02
57	54	4.43	3.67	2.4	68.63	59.52	0	0	1[illegible]54	1	1	0	0	1	0	0.110	0.02
58	55	4.51	3.69	2.4	67.52	57.97	0	0	16[illegible]9	1	1	0	0	1	0	0.110	0.02
59	56	4.59	3.78	2.4	65.96	56.02	0	0	172[illegible]	1	1	0	0	1	0	0.110	0.02
60	57	4.68	3.82	2.5	65.62	55.59	0	0	1[illegible]74	1	1	0	0	1	0	0.110	0.02
61	58	4.76	3.82	2.4	66.42	57.17	0	0	1800	1	1	0	0	1	0	0.110	0.02
62	59	4.84	3.8	2.4	68.86	58.11	0	0	1851	1	1	0	0	1	0	0.110	0.02
63	60	4.92	3.75	2.4	73.28	61.88	0	0	1915	1	1	0	0	1	0	0.110	0.02
64	61	5	3.6	2.4	80.6	68.45	0	0	1892	1	1	0	0	1	0	0.110	0.02
65	62	5.09	3.39	2.3	89.48	76.18	0	0	1792	1	1	0	0	1	0	0.110	0.02
66	63	5.17	3.26	2.3	96.6	82.26	0	0	1753	1	1	0	0	1	0	0.110	0.02
67	64	5.25	3.17	2.3	101.92	83.68	0	0	1726	1	1	0	0	1	0	0.110	0.02
68	65	5.33	3.07	2.2	105.31	86.16	0	0	1644	1	1	0	0	1	0	0.110	0.02
69	66	5.41	3.01	2.2	106.84	87.99	0	0	1587	1	1	0	0	1	0	0.110	0.02
70	67	5.5	2.98	2.2	105.88	85.51	0	0	1530	1	1	1	0	1	0	0.110	0.02
71	68	5.58	2.98	2.2	104.33	83.03	0	0	1505	1	1	1	0	1	0	0.110	0.02
72	69	5.66	2.87	2.2	103.57	83.67	0	0	1356	1	1	1	0	1	0	0.110	0.02
73	70	5.74	2.64	2.2	103.27	82.96	0	0	1105	1	1	1	0	1	0	0.110	0.02
74	71	5.82	2.36	2.2	101.15	81.71	0	0	842	1	1	1	0	1	0	0.110	0.02
75	72	5.91	2.05	2.1	97.85	79.03	0	0	613	1	1	1	0	1	0	0.110	0.02
76	73	5.99	1.87	2.1	94.02	75.92	0	0	497	1	1	1	0	1	0	0.110	0.02
77	74	6.07	1.81	2.1	91.57	73.34	0	0	456	1	1	1	0	1	0	0.110	0.02
78	75	6.15	1.86	2.1	90.67	72.96	0	0	472	1	1	1	0	1	0	0.110	0.02

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	1.9	2.1	90.51	72.8	0	0	489	1	1	1	0	1	0	0.110	0.02
80	77	6.32	1.98	2.2	89.48	71.61	0	0	519	1	1	1	0	1	0	0.110	0.02
81	78	6.4	2.02	2.2	87.7	69.54	0	0	526	1	1	1	0	1	0	0.110	0.02
82	79	6.48	2.06	2.2	84.77	67.91	0	0	524	1	1	1	0	1	0	0.110	0.02
83	80	6.56	2.12	2.2	80.33	64.32	0	0	519	1	1	1	0	1	0	0.110	0.02
84	81	6.64	2.26	2.2	74.13	59.05	0	0	535	1	1	1	0	1	0	0.110	0.02
85	82	6.73	2.41	2.3	67.86	53.59	0	0	550	1	1	1	0	1	0	0.110	0.02
86	83	6.81	2.52	2.3	63.25	49.89	0	0	556	1	1	1	0	1	0	0.110	0.02
87	84	6.89	2.59	2.4	61.02	48.24	0	0	565	1	1	1	0	1	0	0.110	0.02
88	85	6.97	2.59	2.4	60.82	47.95	0	0	563	1	1	1	0	1	0	0.110	0.02
89	86	7.05	2.5	2.3	63.05	48.76	0	0	544	1	1	1	0	1	0	0.110	0.02
90	87	7.14	2.29	2.3	65.99	52.35	0	0	477	1	1	1	0	1	0	0.110	0.02
91	88	7.22	2.07	2.2	68.8	56.38	0	0	412	1	1	1	0	1	0	0.110	0.02
92	89	7.3	1.93	2.2	69.45	57.62	0	0	367	1	1	1	0	1	0	0.110	0.02
93	90	7.38	1.84	2.2	68.55	55.64	0	0	332	1	1	1	0	1	0	0.110	0.02
94	91	7.46	1.72	2.2	68.23	55.58	0	0	296	1	1	1	0	1	0	0.110	0.02
95	92	7.55	1.57	2.2	67.92	58.57	0	0	256	1	1	1	0	1	0	0.110	0.02
96	93	7.63	1.53	2.2	66.11	56.68	0	0	[illegible]	1	1	1	0	1	0	0.110	0.02
97	94	7.71	1.69	2.2	60.57	51.64	0	0	48	1	1	1	0	1	0	0.110	0.02
98	95	7.79	2.04	2.3	54.99	43.35	0	0	3[illegible]	1	1	1	0	1	0	0.110	0.02
99	96	7.87	2.46	2.4	51.43	40.46	0	0	40[illegible]	1	1	1	0	1	0	0.110	0.02
100	97	7.96	2.67	2.4	51.16	40.87	0	0	[illegible]83	1	1	1	0	1	0	0.110	0.02
101	98	8.04	2.85	2.4	52.48	41.89	0	0	585	1	1	1	0	1	0	0.110	0.02
102	99	8.12	3.08	2.4	53.09	43.19	0	0	725	1	1	0	0	1	0	0.110	0.02
103	100	8.2	3.38	2.5	52.8	41.73	0	0	930	1	1	0	0	1	0	0.110	0.02
104	101	8.28	3.59	2.5	50.64	40.5	0	0	1051	1	1	0	0	1	0	0.110	0.02
105	102	8.37	3.72	2.5	46.43	37.81	0	0	1042	1	1	0	0	1	0	0.110	0.02
106	103	8.45	3.8	2.6	41.46	31.74	0	0	951	1	1	0	0	1	0	0.110	0.02
107	104	8.53	3.9	2.6	37.12	28.83	0	0	878	1	0	0	0	1	0	0.110	0.02
108	105	8.61	3.78	2.6	35.53	27.56	0	0	744	1	0	0	0	1	0	0.110	0.02
109	106	8.69	3.61	2.6	35.63	28.37	0	0	648	1	0	0	0	1	0	0.110	0.02
110	107	8.78	3.39	2.6	37.23	29.57	0	0	576	1	1	0	0	1	0	0.110	0.02
111	108	8.86	3.36	2.6	37.84	32.09	0	0	575	1	1	0	0	1	0	0.110	0.02
112	109	8.94	3.41	2.6	37.47	30.17	0	0	591	1	1	0	0	1	0	0.110	0.02
113	110	9.02	3.36	2.6	35.51	28.88	0	0	522	1	0	0	0	1	0	0.110	0.02
114	111	9.1	3.15	2.6	33.21	27.73	0	0	393	1	0	0	0	1	0	0.110	0.02
115	112	9.19	2.81	2.6	31.26	25.08	0	0	265	1	1	1	0	1	0	0.110	0.02
116	113	9.27	2.7	2.6	30.04	24.72	0	0	225	1	1	1	0	1	0	0.110	0.02
117	114	9.35	2.76	2.6	31.86	24.94	0	0	262	1	1	1	0	1	0	0.110	0.02
118	115	9.43	2.74	2.5	35.55	29.64	0	0	306	1	1	1	0	1	0	0.110	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	2.77	2.5	38.22	34.14	0	0	351	1	1	1	0	1	0	0.110	0.02
120	117	9.6	2.97	2.6	37.06	31.97	0	0	399	1	1	1	0	1	0	0.110	0.02
121	118	9.68	3.29	2.6	33.9	26.68	0	0	458	1	0	0	0	1	0	0.110	0.02
122	119	9.76	3.29	2.6	32.21	25.99	0	0	421	1	0	0	0	1	0	0.110	0.02
123	120	9.84	3.07	2.6	30.96	27.94	0	0	327	1	0	0	0	1	0	0.110	0.02
124	121	9.92	3	2.6	28.81	24.07	0	0	272	1	0	0	0	1	0	0.110	0.02
125	122	10.01	3.15	2.7	25.65	20.75	0	0	249	1	0	0	0	1	0	0.110	0.02
126	123	10.09	3.19	2.7	23.81	19.81	0	0	222	1	0	0	0	1	0	0.110	0.02
127	124	10.17	3.05	2.7	23	19.41	0	0	183	1	0	0	0	1	0	0.110	0.02
128	125	10.25	2.92	2.7	22.72	18.9	0	0	159	1	0	1	0	1	0	0.110	0.02
129	126	10.33	2.76	2.7	22.96	19.31	0	0	142	1	0	1	0	1	0	0.110	0.02
130	127	10.42	2.6	2.7	23.23	20.32	0	0	126	1	0	1	0	1	0	0.110	0.02
131	128	10.5	2.5	2.7	22.88	19.89	0	0	112	1	0	1	0	1	0	0.110	0.02
132	129	10.58	2.61	2.7	22.08	18.59	0	0	114	1	0	1	0	1	0	0.110	0.02
133	130	10.66	2.75	2.7	21.4	18.17	0	0	119	1	0	1	0	1	0	0.110	0.02
134	131	10.74	2.8	2.7	21.48	18.01	0	0	126	1	0	1	0	1	0	0.110	0.02
135	132	10.83	2.74	2.7	21.79	18.75	0	0	124	1	0	1	0	1	0	0.110	0.02
136	133	10.91	2.73	2.7	22.17	19.13	0	0	137	1	0	1	0	1	0	0.110	0.02
137	134	10.99	2.78	2.7	22.86	19.1	0	0	143	1	0	1	0	1	0	0.110	0.02
138	135	11.07	2.87	2.7	24.12	20.56	0	0	173	1	0	1	0	1	0	0.110	0.02
139	136	11.15	2.9	2.7	26.27	22.43	0	0	211	1	0	1	0	1	0	0.110	0.02
140	137	11.24	2.96	2.6	27.88	24.89	0	0	248	1	0	1	0	1	0	0.110	0.02
141	138	11.32	3.02	2.6	28.37	25.09	0	0	269	1	0	0	0	1	0	0.110	0.02
142	139	11.4	3.26	2.7	27	24.11	0	0	302	1	0	0	0	1	0	0.110	0.02
143	140	11.48	3.46	2.7	24.84	21.48	0	0	305	1	0	0	0	1	0	0.110	0.02
144	141	11.56	3.59	2.8	22.63	19.53	0	0	279	1	0	0	0	1	0	0.110	0.02
145	142	11.65	3.14	2.7	22.71	18.33	0	0	192	1	0	0	0	1	0	0.110	0.02
146	143	11.73	2.52	2.6	25.71	22.05	0	0	145	1	0	1	0	1	0	0.110	0.02
147	144	11.81	2.1	2.5	30.54	28.13	0	0	136	1	1	1	0	1	0	0.110	0.02
148	145	11.89	2.06	2.5	34.61	32.1	0	0	160	1	1	1	0	1	0	0.110	0.02
149	146	11.97	2.27	2.5	36.4	33.54	0	0	209	1	1	1	0	1	0	0.110	0.02
150	147	12.06	2.57	2.5	35.63	32.9	0	0	265	1	1	1	0	1	0	0.110	0.02
151	148	12.14	2.94	2.6	33.39	29.74	0	0	331	1	1	1	0	1	0	0.110	0.02
152	149	12.22	3.29	2.6	30.18	27.2	0	0	378	1	0	0	0	1	0	0.110	0.02
153	150	12.3	3.66	2.7	26.8	24.1	0	0	418	1	0	0	0	1	0	0.110	0.02
154	151	12.38	3.91	2.8	24.27	20.56	0	0	423	1	0	0	0	1	0	0.110	0.02
155	152	12.47	3.93	2.8	23.74	20.45	0	0	411	1	0	0	0	1	0	0.110	0.02
156	153	12.55	3.73	2.7	24.7	22.72	0	0	378	1	0	0	0	1	0	0.110	0.02
157	154	12.63	3.54	2.7	25.78	23.29	0	0	351	1	0	0	0	1	0	0.110	0.02
158	155	12.71	3.56	2.7	25.37	23.67	0	0	346	1	0	0	0	1	0	0.110	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	3.57	2.7	25.43	21.94	0	0	350	1	0	0	0	1	0	0.110	0.02
160	157	12.88	3.44	2.7	26.47	23.74	0	0	339	1	0	0	0	1	0	0.110	0.02
161	158	12.96	3.14	2.7	28.53	26.68	0	0	302	1	0	0	0	1	0	0.110	0.02
162	159	13.04	2.89	2.6	29.87	27.88	0	0	263	1	0	1	0	1	0	0.110	0.02
163	160	13.12	2.71	2.6	31.49	27.82	0	0	246	1	1	1	0	1	0	0.110	0.02
164	161	13.21	2.51	2.5	35.48	31.52	0	0	249	1	1	1	0	1	0	0.110	0.02
165	162	13.29	2.41	2.5	39.3	39.17	0	0	266	1	1	1	0	1	0	0.110	0.02
166	163	13.37	2.47	2.5	39.27	38.68	0.02	0.32	281	1	1	1	0	1	0	0.110	0.02
167	164	13.45	2.8	2.6	34.03	31.58	0.03	0.38	302	1	1	1	0	1	0	0.090	0.02
168	165	13.53	3.39	2.7	27.1	24.55	0	0	340	1	0	0	0	1	0	0.060	0.02
169	166	13.62	3.95	2.8	21.97	19.37	0	0	352	1	0	0	0	1	0	0.060	0.02
170	167	13.7	4.3	2.9	18.76	17.39	0	0	310	1	0	0	0	1	0	0.060	0.02
171	168	13.78	4.18	2.9	16.88	15.8	0	0	197	1	0	0	0	1	0	0.060	0.02
172	169	13.86	3.98	2.9	15.21	14.38	0	0	103	1	0	0	0	1	0	0.060	0.02
173	170	13.94	3.59	2.9	13.72	12.98	0	0	34	1	0	0	1	1	0	0.060	0.02
174	171	14.03	3.3	2.9	12.43	11.9	0	0	-2	1	0	0	1	1	0	0.060	0.02
175	172	14.11	3.04	3.0	11.33	11.01	0	0	-20	1	0	0	1	1	0	0.060	0.02
176	173	14.19	2.89	3.0	10.47	10.09	0	0	-31	1	0	1	1	1	0	0.060	0.02
177	174	14.27	2.79	3.0	9.92	9.66	0	0	-36	1	0	1	1	1	0	0.060	0.02
178	175	14.35	2.72	3.0	9.83	9.58	0	0	-35	1	0	1	1	1	0	0.060	0.02
179	176	14.44	2.65	3.0	10.11	9.87	0	0	-29	1	0	1	1	1	0	0.060	0.02
180	177	14.52	2.59	2.9	10.46	10.45	0	0	-24	1	0	1	1	1	0	0.060	0.02
181	178	14.6	2.61	2.9	10.72	10.55	0	0	-21	1	0	1	1	1	0	0.060	0.02
182	179	14.68	2.72	3.0	10.8	10.63	0	0	-22	1	0	1	1	1	0	0.060	0.02
183	180	14.76	2.89	3.0	10.9	10.76	0	0	-24	1	0	1	1	1	0	0.060	0.02
184	181	14.85	2.93	3.0	11.13	10.86	0	0	-21	1	0	1	1	1	0	0.060	0.02
185	182	14.93	2.85	2.9	11.4	11.27	0	0	-16	1	0	1	1	1	0	0.060	0.02
186	183	15.01	2.65	2.9	11.64	11.48	0	0	-11	1	0	1	1	1	0	0.060	0.02
187	184	15.09	2.51	2.9	11.8	11.57	0	0	-8	1	0	1	1	1	0	0.060	0.02
188	185	15.17	2.44	2.9	12.03	11.78	0	0	-5	1	0	1	1	1	0	0.060	0.02
189	186	15.26	2.39	2.9	12.41	12.18	0	0	-1	1	0	1	1	1	0	0.060	0.02
190	187	15.34	2.3	2.8	12.86	12.63	0	0	3	1	0	1	1	1	0	0.060	0.02
191	188	15.42	2.2	2.8	13.16	13.1	0	0	5	1	0	1	1	1	0	0.060	0.02
192	189	15.5	2.14	2.8	13.27	13.1	0	0	6	1	0	1	1	1	0	0.060	0.02
193	190	15.58	2.14	2.8	13.24	12.99	0	0	6	1	0	1	1	1	0	0.060	0.02
194	191	15.67	2.22	2.8	13.5	13.08	0	0	8	1	0	1	1	1	0	0.060	0.02
195	192	15.75	2.38	2.8	14.08	13.84	0	0	15	1	0	1	1	1	0	0.060	0.02
196	193	15.83	2.59	2.8	14.86	14.66	0	0	28	1	0	1	1	1	0	0.060	0.02
197	194	15.91	2.75	2.8	15.57	15.27	0	0	41	1	0	1	1	1	0	0.060	0.02
198	195	15.99	2.88	2.8	15.99	15.87	0	0	52	1	0	1	1	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	3.01	2.8	16.14	15.9	0	0	61	1	0	0	1	1	0	0.060	0.02
200	197	16.16	3.1	2.8	16.02	15.76	0	0	64	1	0	0	1	1	0	0.060	0.02
201	198	16.24	3.17	2.9	15.81	15.56	0	0	64	1	0	0	1	1	0	0.060	0.02
202	199	16.32	3.17	2.9	15.61	15.27	0	0	60	1	0	0	1	1	0	0.060	0.02
203	200	16.4	3.13	2.9	15.59	15.2	0	0	58	1	0	0	1	1	0	0.060	0.02
204	201	16.49	3.19	2.9	15.82	15.54	0	0	65	1	0	0	1	1	0	0.060	0.02
205	202	16.57	3.26	2.9	15.99	15.99	0	0	73	1	0	0	1	1	0	0.060	0.02
206	203	16.65	3.42	2.9	15.93	15.78	0	0	82	1	0	0	0	1	0	0.060	0.02
207	204	16.73	3.57	2.9	15.49	15.54	0	0	81	1	0	0	0	1	0	0.060	0.02
208	205	16.81	3.76	2.9	14.95	14.95	0	0	78	1	0	0	1	1	0	0.060	0.02
209	206	16.9	3.95	2.9	14.21	14.41	0	0	64	1	0	0	1	1	0	0.060	0.02
210	207	16.98	4.05	3.0	13.45	13.57	0	0	38	1	0	0	1	1	0	0.060	0.02
211	208	17.06	4.06	3.0	12.82	12.89	0	0	13	1	0	0	1	1	0	0.060	0.02
212	209	17.14	3.88	3.0	12.71	12.67	0	0	7	1	0	0	1	1	0	0.060	0.02
213	210	17.22	3.64	3.0	13.04	13.27	0	0	16	1	0	0	1	1	0	0.060	0.02
214	211	17.31	3.48	2.9	13.57	13.83	0	0	27	1	0	0	1	1	0	0.060	0.02
215	212	17.39	3.41	2.9	14.03	14.25	0	0	36	1	0	0	1	1	0	0.060	0.02
216	213	17.47	3.44	2.9	14.44	14.67	0	0	47	1	0	0	1	1	0	0.060	0.02
217	214	17.55	3.55	2.9	14.76	15.13	0	0	60	1	0	0	1	1	0	0.060	0.02
218	215	17.63	3.72	2.9	14.75	15.34	0	0	59	1	0	0	1	1	0	0.060	0.02
219	216	17.72	3.81	2.9	14.51	14.77	0	0	67	1	0	0	1	1	0	0.060	0.02
220	217	17.8	3.79	2.9	14.11	14.61	0	0	52	1	0	0	1	1	0	0.060	0.02
221	218	17.88	3.77	3.0	13.67	14.3	0	0	37	1	0	0	1	1	0	0.060	0.02
222	219	17.96	3.78	3.0	13.07	13.56	0	0	18	1	0	0	1	1	0	0.060	0.02
223	220	18.04	3.75	3.0	12.5	12.87	0	0	0	1	0	0	1	1	0	0.060	0.02
224	221	18.13	3.56	3.0	12.15	12.64	0	0	-9	1	0	0	1	1	0	0.060	0.02
225	222	18.21	3.37	3.0	12.05	12.59	0	0	-10	1	0	0	1	1	0	0.060	0.02
226	223	18.29	3.43	3.0	12.49	12.58	0	0	0	1	0	0	1	1	0	0.060	0.02
227	224	18.37	3.63	2.9	13.9	13.9	0	0	40	1	0	0	1	1	0	0.060	0.02
228	225	18.45	3.74	2.9	16.39	16.74	0	0	122	1	0	0	0	1	0	0.060	0.02
229	226	18.54	3.73	2.8	18.73	20.19	0	0	193	1	0	0	0	1	0	0.060	0.02
230	227	18.62	3.98	2.8	19.25	21.43	0	0	257	1	0	0	0	1	0	0.060	0.02
231	228	18.7	4.51	2.9	18.14	18.94	0	0	331	1	0	0	0	1	0	0.060	0.02
232	229	18.78	5.13	3.0	15.93	17.29	0	0	328	1	0	0	0	1	0	0.060	0.02
233	230	18.86	4.67	3.0	14.06	14.83	0	0	104	1	0	0	0	1	0	0.060	0.02
234	231	18.95	3.81	3.0	12.42	13.32	0	0	-3	1	0	0	1	1	0	0.060	0.02
235	232	19.03	2.82	2.9	11.27	12.34	0	0	-18	1	0	1	1	1	0	0.060	0.02
236	233	19.11	2.79	3.0	10.59	11.34	0	0	-27	1	0	1	1	1	0	0.060	0.02
237	234	19.19	2.71	3.0	10.18	11.15	0	0	-30	1	0	1	1	1	0	0.060	0.02
238	235	19.27	2.62	3.0	10.06	10.94	0	0	-29	1	0	1	1	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	2.69	3.0	9.69	10.88	0	0	-36	1	0	1	1	1	0	0.060	0.02
240	237	19.44	2.81	3.0	9.45	9.91	0	0	-43	1	0	1	1	1	0	0.060	0.02
241	238	19.52	2.94	3.0	9.25	10.12	0	0	-51	1	0	1	1	1	0	0.060	0.02
242	239	19.6	2.94	3.0	9.52	10.17	0	0	-47	1	0	1	1	1	0	0.060	0.02
243	240	19.68	2.97	3.0	9.76	10.71	0	0	-45	1	0	1	1	1	0	0.060	0.02
244	241	19.77	3.11	3.0	10	10.98	0	0	-46	1	0	0	1	1	0	0.060	0.02
245	242	19.85	3.27	3.0	10.11	11.14	0	0	-50	1	0	0	1	1	0	0.060	0.02
246	243	19.93	3.39	3.0	10.19	11.3	0	0	-54	1	0	0	1	1	0	0.060	0.02
247	244	20.01	3.46	3.0	10.38	11.36	0	0	-52	1	0	0	1	1	0	0.060	0.02
248	245	20.09	3.5	3.0	10.65	11.76	0	0	-47	1	0	0	1	1	0	0.060	0.02
249	246	20.18	3.57	3.0	11.03	12.1	0	0	-40	1	0	0	1	1	0	0.060	0.02
250	247	20.26	3.69	3.0	11.3	12.5	0	0	-36	1	0	0	1	1	0	0.060	0.02
251	248	20.34	3.91	3.0	11.45	12.6	0	0	-38	1	0	0	1	1	0	0.060	0.02
252	249	20.42	4.2	3.0	11.46	12.6	0	0	-47	1	0	0	1	1	0	0.060	0.02
253	250	20.5	4.37	3.1	11.4	12.66	0	0	-58	1	0	0	1	1	0	0.060	0.02
254	251	20.59	4.42	3.1	11.28	12.58	0	0	-67	1	0	0	1	1	0	0.060	0.02
255	252	20.67	4.34	3.1	11.01	12.39	0	0	-76	1	0	0	1	1	0	0.060	0.02
256	253	20.75	4.25	3.1	10.76	11.91	0	0	-83	1	0	0	1	1	0	0.060	0.02
257	254	20.83	4.18	3.1	10.61	11.79	0	0	-85	1	0	0	1	1	0	0.060	0.02
258	255	20.92	4.08	3.1	10.55	11.95	0	0	-91	1	0	0	1	1	0	0.060	0.02
259	256	21	4.08	3.1	10.36	11.78	0	0	-89	1	0	0	1	1	0	0.060	0.02
260	257	21.08	4.19	3.1	10.07	11.33	0	0	-110	1	0	0	1	1	0	0.060	0.02
261	258	21.16	4.33	3.1	9.77	11.2	0	0	-138	1	0	0	1	1	0	0.060	0.02
262	259	21.24	4.39	3.1	9.59	10.99	0	0	-155	1	0	0	1	1	0	0.060	0.02
263	260	21.33	4.31	3.1	9.54	10.79	0	0	-148	1	0	0	1	1	0	0.060	0.02
264	261	21.41	4.08	3.1	9.56	11.04	0	0	-122	1	0	0	1	1	0	0.060	0.02
265	262	21.49	3.82	3.1	9.67	11.04	0	0	-94	1	0	0	1	1	0	0.060	0.02
266	263	21.57	3.52	3.0	9.79	11.12	0	0	-70	1	0	0	1	1	0	0.060	0.02
267	264	21.65	3.41	3.0	10.02	11.43	0	0	-59	1	0	0	1	1	0	0.060	0.02
268	265	21.74	3.38	3.0	10.44	11.68	0	0	-48	1	0	0	1	1	0	0.060	0.02
269	266	21.82	3.35	3.0	10.82	12.34	0	0	-38	1	0	0	1	1	0	0.060	0.02
270	267	21.9	3.38	3.0	11.07	12.57	0	0	-33	1	0	0	1	1	0	0.060	0.02
271	268	21.98	3.51	3.0	10.96	12.52	0	0	-40	1	0	0	1	1	0	0.060	0.02
272	269	22.06	3.54	3.0	10.66	12.05	0	0	-49	1	0	0	1	1	0	0.060	0.02
273	270	22.15	3.47	3.0	10.31	11.69	0	0	-55	1	0	0	1	1	0	0.060	0.02
274	271	22.23	3.23	3.0	10.03	11.46	0	0	-50	1	0	0	1	1	0	0.060	0.02
275	272	22.31	3.09	3.0	9.87	11.23	0	0	-47	1	0	0	1	1	0	0.060	0.02
276	273	22.39	3.07	3.0	9.5	11.26	0	0	-53	1	0	0	1	1	0	0.060	0.02
277	274	22.47	3.1	3.0	9.29	10.28	0	0	-58	1	0	0	1	1	0	0.060	0.02
278	275	22.56	3.27	3.1	8.99	10.46	0	0	-74	1	0	0	1	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	3.41	3.1	8.79	10.42	0	0	-88	1	0	0	1	1	0	0.060	0.02
280	277	22.72	3.61	3.1	8.38	9.81	0	0	-115	1	0	0	1	1	0	0.060	0.02
281	278	22.8	3.71	3.1	7.94	9.31	0	0	-139	1	0	0	1	1	0	0.060	0.02
282	279	22.88	3.75	3.2	7.67	9	0	0	-152	1	0	0	1	1	0	0.060	0.02
283	280	22.97	3.71	3.2	7.62	8.93	0	0	-149	1	0	0	1	1	0	0.060	0.02
284	281	23.05	3.71	3.1	7.92	9.14	0	0	-140	1	0	0	1	1	0	0.060	0.02
285	282	23.13	3.56	3.1	8.92	10	0	0	-96	1	0	0	1	1	0	0.060	0.02
286	283	23.21	3.41	3.0	10.32	12.19	0	0	-52	1	0	0	1	1	0	0.060	0.02
287	284	23.29	3.38	3.0	11.49	13.86	0	0	-23	1	0	0	1	1	0	0.060	0.02
288	285	23.38	3.52	3.0	11.71	14.16	0	0	-21	1	0	0	1	1	0	0.060	0.02
289	286	23.46	3.74	3.0	10.98	13.27	0	0	-47	1	0	0	1	1	0	0.060	0.02
290	287	23.54	3.87	3.1	9.92	11.59	0	0	-90	1	0	0	1	1	0	0.060	0.02
291	288	23.62	3.71	3.1	9.03	10.6	0	0	-106	1	0	0	1	1	0	0.060	0.02
292	289	23.7	3.22	3.1	8.67	10.09	0	0	-77	1	0	0	1	1	0	0.060	0.02
293	290	23.79	2.7	3.0	8.65	10.09	0	0	-49	1	0	1	1	1	0	0.060	0.02
294	291	23.87	2.45	3.0	8.79	10.23	0	0	-38	1	0	1	1	1	0	0.060	0.02
295	292	23.95	2.51	3.0	8.97	10.29	0	0	-38	1	0	1	1	1	0	0.060	0.02
296	293	24.03	2.76	3.0	9.09	10.54	0	0	-46	1	0	1	1	1	0	0.060	0.02
297	294	24.11	3.1	3.0	9.1	10.63	0	0	-62	1	0	0	1	1	0	0.060	0.02
298	295	24.2	3.44	3.1	8.91	10.48	0	0	-87	1	0	0	1	1	0	0.060	0.02
299	296	24.28	3.58	3.1	8.56	10.18	0	0	-108	1	0	0	1	1	0	0.060	0.02
300	297	24.36	3.48	3.1	8.19	9.79	0	0	-108	1	0	0	1	1	0	0.060	0.02
301	298	24.44	3.19	3.1	7.89	9.52	0	0	-91	1	0	0	1	1	0	0.060	0.02
302	299	24.52	2.92	3.1	7.75	9.31	0	0	-74	1	0	1	1	1	0	0.060	0.02
303	300	24.61	2.62	3.1	7.87	9.29	0	0	-55	1	0	1	1	1	0	0.060	0.02
304	301	24.69	2.35	3.0	8.13	9.81	0	0	-41	1	0	1	1	1	0	0.060	0.02
305	302	24.77	2.24	3.0	8.23	10.05	0	0	-36	1	0	1	1	1	0	0.060	0.02
306	303	24.85	2.28	3.0	8.01	9.5	0	0	-40	1	0	1	1	1	0	0.060	0.02
307	304	24.93	2.31	3.0	7.59	9.03	0	0	-45	1	0	1	1	1	0	0.060	0.02
308	305	25.02	2.15	3.0	7.22	8.65	0	0	-42	1	0	1	1	1	0	0.060	0.02
309	306	25.1	1.9	3.0	7.05	8.28	0	0	-34	1	0	1	1	1	0	0.060	0.02
310	307	25.18	1.69	3.0	7.1	8.32	0	0	-28	1	0	1	1	1	0	0.060	0.02
311	308	25.26	1.55	3.0	7.49	8.73	0	0	-23	1	0	1	1	1	0	0.060	0.02
312	309	25.34	1.46	2.9	7.98	9.48	0	0	-19	1	0	1	1	1	0	0.060	0.02
313	310	25.43	1.48	2.9	8.21	10.03	0	0	-18	1	0	1	1	1	0	0.060	0.02
314	311	25.51	2.02	3.0	8.15	9.71	0	0	-30	1	0	1	1	1	0	0.060	0.02
315	312	25.59	2.61	3.0	8.05	9.42	0	0	-53	1	0	1	1	1	0	0.060	0.02
316	313	25.67	3.03	3.1	8.22	9.64	0	0	-73	1	0	0	1	1	0	0.060	0.02
317	314	25.75	3.12	3.1	8.4	10.14	0	0	-76	1	0	0	1	1	0	0.060	0.02
318	315	25.84	3.17	3.1	8.57	10.07	0	0	-76	1	0	0	1	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	3.35	3.1	8.81	10.5	0	0	-83	1	0	0	1	1	0	0.060	0.02
320	317	26	3.38	3.1	9.45	11.22	0	0	-70	1	0	0	1	1	0	0.060	0.02
321	318	26.08	3.56	3.0	10.04	12.33	0	0	-66	1	0	0	1	1	0	0.060	0.02
322	319	26.16	3.98	3.1	10.13	12.71	0	0	-90	1	0	0	1	1	0	0.060	0.02
323	320	26.25	4.22	3.1	10.72	12.11	0	0	-83	1	0	0	1	1	0	0.060	0.02
324	321	26.33	3.76	3.0	12.85	14.79	0	0	11	1	0	0	1	1	0	0.060	0.02
325	322	26.41	3.02	2.8	16.62	20.21	0	0	70	1	0	0	1	1	0	0.060	0.02
326	323	26.49	2.55	2.7	20.81	25.35	0	0	93	1	0	1	0	1	0	0.060	0.02
327	324	26.57	2.47	2.6	23.95	28.89	0	0	120	1	0	1	0	1	0	0.060	0.02
328	325	26.66	2.56	2.6	26.05	31.15	0	0	154	1	0	1	0	1	0	0.060	0.02
329	326	26.74	2.79	2.6	27.18	32.65	0	0	204	1	0	1	0	1	0	0.060	0.02
330	327	26.82	2.99	2.7	26.2	33.07	0	0	226	1	0	1	0	1	0	0.060	0.02
331	328	26.9	3.44	2.8	22.49	28.19	0	0	243	1	0	0	0	1	0	0.060	0.02
332	329	26.98	4.05	2.9	18	20.62	0	0	222	1	0	0	0	1	0	0.060	0.02
333	330	27.07	4.79	3.0	14.54	17.88	0	0	150	1	0	0	0	1	0	0.060	0.02
334	331	27.15	4.32	3.0	13.73	15.83	0	0	62	1	0	0	1	1	0	0.060	0.02
335	332	27.23	2.96	2.8	15.82	17.62	0	0	53	1	0	1	1	1	0	0.060	0.02
336	333	27.31	2	2.7	20.08	25.02	0	0	52	1	0	1	1	1	0	0.060	0.02
337	334	27.39	1.8	2.6	24.68	29.32	0	0	70	1	1	1	1	1	0	0.060	0.02
338	335	27.48	1.76	2.5	27.66	32.79	0	0	84	1	1	1	0	1	0	0.060	0.02
339	336	27.56	1.62	2.5	29.99	35.11	0	0	85	1	1	1	0	1	0	0.060	0.02
340	337	27.64	1.43	2.4	31.64	36.87	0	0	78	1	1	1	1	1	0	0.060	0.02
341	338	27.72	1.42	2.4	32.26	37.84	0.02	0.34	79	1	1	1	1	1	0.02	0.060	0.02
342	339	27.8	1.51	2.4	31.86	37.24	0.02	0.34	85	1	1	1	0	1	0	0.040	0
343	340	27.89	1.53	2.4	31.05	35.89	0.02	0.35	83	1	1	1	0	1	0	0.020	0
344	341	27.97	1.47	2.4	30.54	35.28	0	0	76	1	1	1	1	1	0	0.000	0
345	342	28.05	1.57	2.5	29.89	35.46	0	0	80	1	1	1	0	1	0	0.000	0
346	343	28.13	1.99	2.5	28.59	34.09	0	0	109	1	1	1	0	1	0	0.000	0
347	344	28.21	2.66	2.6	25.99	31.97	0	0	167	1	0	1	0	1	0	0.000	0
348	345	28.3	3.44	2.8	22.75	27.86	0	0	249	1	0	0	0	1	0	0.000	0
349	346	28.38	3.99	2.8	19.78	23.96	0	0	280	1	0	0	0	1	0	0.000	0
350	347	28.46	3.86	2.8	19.84	22.14	0	0	253	1	0	0	0	1	0	0.000	0
351	348	28.54	2.93	2.7	24.3	28	0	0	185	1	0	1	0	1	0	0.000	0
352	349	28.63	1.99	2.5	32.77	38.51	0	0	138	1	1	1	0	1	0	0.000	0
353	350	28.71	1.37	2.3	40.89	49.39	0	0	109	1	1	1	0	1	0	0.000	0
354	351	28.79	0.84	2.1	45.95	53.01	0	0	77	1	1	1	1	1	0	0.000	0
355	352	28.87	0.52	2.0	46.93	51.87	0	0	58	1	1	1	1	1	0	0.000	0
356	353	28.95	0.32	2.0	44.94	49.05	0	0	45	1	1	1	1	1	0	0.000	0
357	354	29.04	0.39	2.0	40.81	44.46	0	0	42	1	1	1	1	1	0	0.000	0
358	355	29.12	0.58	2.2	35.39	40	0	0	41	1	1	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	0.89	2.3	30.38	34.3	0	0	43	1	1	1	1	1	0	0.000	0
360	357	29.28	1.4	2.5	25.29	30.47	0	0	50	1	1	1	1	1	0	0.000	0
361	358	29.36	2.12	2.7	20.92	25.12	0	0	64	1	0	1	1	1	0	0.000	0
362	359	29.45	3.12	2.8	16.93	21.04	0	0	82	1	0	0	0	1	0	0.000	0
363	360	29.53	4.26	3.0	14.28	17.88	0	0	85	1	0	0	0	1	0	0.000	0
364	361	29.61	5.53	3.1	11.75	15.58	0	0	-98	1	0	0	1	1	0	0.000	0
365	362	29.69	6.63	3.2	9.59	11.89	0	0	-864	1	0	0	1	1	0	0.000	0
366	363	29.77	6.54	3.3	8.67	10.07	0	0	-1065	1	0	0	1	1	0	0.000	0
367	364	29.86	4.96	3.1	9.93	12.19	0	0	-215	1	0	0	1	1	0	0.000	0
368	365	29.94	3.68	3.0	12.73	16.4	0	0	7	1	0	0	1	1	0	0.000	0
369	366	30.02	3.49	2.9	14.93	20.19	0	0	62	1	0	0	1	1	0	0.000	0
370	367	30.1	3.84	2.9	15.76	20.33	0	0	111	1	0	0	0	1	0	0.000	0
371	368	30.18	4.41	3.0	15.4	19.63	0	0	157	1	0	0	0	1	0	0.000	0
372	369	30.27	4.86	3.0	14.44	19.08	0	0	150	1	0	0	0	1	0	0.000	0
373	370	30.35	5.48	3.1	12.79	16.9	0	0	36	1	0	0	1	1	0	0.000	0
374	371	30.43	6.39	3.2	10.7	13.66	0	0	-448	1	0	0	1	1	0	0.000	0
375	372	30.51	7.22	3.3	9.05	11.52	0	0	-1567	1	0	0	1	1	0	0.000	0
376	373	30.59	6.87	3.3	9.13	10.9	0	0	-1[illegible]01	1	0	0	1	1	0	0.000	0
377	374	30.68	5.98	3.2	10.89	13.94	0	0	-[illegible]95	1	0	0	1	1	0	0.000	0
378	375	30.76	5.38	3.1	13.11	17.92	0	0	[illegible]1	1	0	0	1	1	0	0.000	0
379	376	30.84	5.49	3.0	14.21	19.03	0	0	21[illegible]	1	0	0	0	1	0	0.000	0
380	377	30.92	5.94	3.1	14.35	18.04	0	0	[illegible]29	1	0	0	0	1	0	0.000	0
381	378	31	6.33	3.1	14.54	18.55	0	0	486	1	0	0	0	1	0	0.000	0
382	379	31.09	6.5	3.1	14.96	19.78	0	0	664	1	0	0	0	1	0	0.000	0
383	380	31.17	6.38	3.1	15.31	19.64	0	0	694	1	0	0	0	1	0	0.000	0
384	381	31.25	5.87	3.0	15.99	19.86	0	0	590	1	0	0	0	1	0	0.000	0
385	382	31.33	4.73	2.9	18.08	22.35	0	0	390	1	0	0	0	1	0	0.000	0
386	383	31.41	3.44	2.8	21.66	27.47	0	0	222	1	0	0	0	1	0	0.000	0
387	384	31.5	2.52	2.6	25.35	32.62	0	0	141	1	0	1	0	1	0	0.000	0
388	385	31.58	1.95	2.5	27.86	34.09	0	0	101	1	1	1	0	1	0	0.000	0
389	386	31.66	1.67	2.5	28.78	35.09	0	0	83	1	1	1	0	1	0	0.000	0
390	387	31.74	1.65	2.5	28.8	35.15	0	0	81	1	1	1	0	1	0	0.000	0
391	388	31.82	1.94	2.5	27.91	34.19	0	0	100	1	1	1	0	1	0	0.000	0
392	389	31.91	2.45	2.6	26.67	32.86	0	0	146	1	0	1	0	1	0	0.000	0
393	390	31.99	2.75	2.7	25.64	31.97	0	0	176	1	0	1	0	1	0	0.000	0
394	391	32.07	2.71	2.7	24.9	31.18	0	0	161	1	0	1	0	1	0	0.000	0
395	392	32.15	2.31	2.6	24.44	30.28	0	0	108	1	0	1	0	1	0	0.000	0
396	393	32.23	2.11	2.6	23.88	29.76	0	0	86	1	0	1	0	1	0	0.000	0
397	394	32.32	2.32	2.7	21.09	28.97	0	0	79	1	0	1	1	1	0	0.000	0
398	395	32.4	2.94	2.8	16.67	21	0	0	66	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	3.99	3.0	12.13	15.09	0	0	-14	1	0	0	1	1	0	0.000	0
400	397	32.56	4.99	3.2	9.1	12.08	0	0	-292	1	0	0	1	1	0	0.000	0
401	398	32.64	5.68	3.3	7.19	9.83	0	0	-777	1	0	0	1	1	0	0.000	0
402	399	32.73	5.79	3.4	5.88	8.09	0	0	-1053	1	0	0	1	1	0	0.000	0
403	400	32.81	5.52	3.4	5.08	7.26	0	0	-961	1	0	0	1	1	0	0.000	0
404	401	32.89	5.06	3.4	4.7	6.91	0	0	-707	1	0	0	1	1	0	0.000	0
405	402	32.97	4.77	3.4	4.47	6.69	0	0	-579	1	0	0	1	1	0	0.000	0
406	403	33.05	4.47	3.4	4.32	6.42	0	0	-464	1	0	0	1	1	0	0.000	0
407	404	33.14	4.46	3.4	4.21	6.38	0	0	-467	1	0	0	1	1	0	0.000	0
408	405	33.22	4.62	3.4	4.15	6.26	0	0	-535	1	0	0	1	1	0	0.000	0
409	406	33.3	4.8	3.4	4.08	6.19	0	0	-622	1	0	0	1	1	0	0.000	0
410	407	33.38	4.89	3.4	4.05	6.16	0	0	-670	1	0	0	1	1	0	0.000	0
411	408	33.46	4.96	3.5	4.04	6.14	0	0	-709	1	0	0	1	1	0	0.000	0
412	409	33.55	5.14	3.5	4.03	6.14	0	0	-817	1	0	0	1	1	0	0.000	0
413	410	33.63	5.33	3.5	4.05	6.14	0	0	-945	1	0	0	1	1	0	0.000	0
414	411	33.71	5.48	3.5	4.11	6.22	0	0	-1053	1	0	0	1	1	0	0.000	0
415	412	33.79	5.54	3.5	4.16	6.33	0	0	-1096	1	0	0	1	1	0	0.000	0
416	413	33.87	5.65	3.5	4.21	6.37	0	0	-1[illegible]85	1	0	0	1	1	0	0.000	0
417	414	33.96	5.78	3.5	4.25	6.38	0	0	-1[illegible]02	1	0	0	1	1	0	0.000	0
418	415	34.04	5.89	3.5	4.31	6.5	0	0	-14[illegible]5	1	0	0	1	1	0	0.000	0
419	416	34.12	5.86	3.5	4.42	6.59	0	0	-1355	1	0	0	1	1	0	0.000	0
420	417	34.2	5.7	3.4	4.52	6.78	0	0	-1[illegible]85	1	0	0	1	1	0	0.000	0
421	418	34.28	5.48	3.4	4.55	6.86	0	0	-998	1	0	0	1	1	0	0.000	0
422	419	34.37	5.24	3.4	4.48	6.7	0	0	-837	1	0	0	1	1	0	0.000	0
423	420	34.45	5.09	3.4	4.33	6.51	0	0	-758	1	0	0	1	1	0	0.000	0
424	421	34.53	5.11	3.4	4.21	6.3	0	0	-782	1	0	0	1	1	0	0.000	0
425	422	34.61	5.22	3.4	4.29	6.22	0	0	-843	1	0	0	1	1	0	0.000	0
426	423	34.69	5.32	3.4	4.9	6.73	0	0	-844	1	0	0	1	1	0	0.000	0
427	424	34.78	4.95	3.3	6.46	8.39	0	0	-502	1	0	0	1	1	0	0.000	0
428	425	34.86	4.37	3.1	8.99	11.87	0	0	-184	1	0	0	1	1	0	0.000	0
429	426	34.94	3.96	3.0	11.51	16.11	0	0	-37	1	0	0	1	1	0	0.000	0
430	427	35.02	4.14	3.0	12.13	18.01	0	0	-16	1	0	0	1	1	0	0.000	0
431	428	35.1	4.61	3.1	10.67	14.55	0	0	-116	1	0	0	1	1	0	0.000	0
432	429	35.19	5.47	3.2	8.25	10.96	0	0	-530	1	0	0	1	1	0	0.000	0
433	430	35.27	5.21	3.3	6.47	9.02	0	0	-615	1	0	0	1	1	0	0.000	0
434	431	35.35	4.58	3.3	5.24	7.89	0	0	-450	1	0	0	1	1	0	0.000	0
435	432	35.43	3.53	3.3	4.48	6.34	0	0	-210	1	0	0	1	1	0	0.000	0
436	433	35.51	3.36	3.4	4.08	6.14	0	0	-191	1	0	0	1	1	0	0.000	0
437	434	35.6	3.35	3.3	4.22	6.25	0	0	-186	1	0	0	1	1	0	0.000	0
438	435	35.68	3.34	3.3	4.42	6.47	0	0	-180	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	3.62	3.3	4.58	6.46	0	0	-224	1	0	0	1	1	0	0.000	0
440	437	35.84	3.88	3.3	4.7	6.49	0	0	-274	1	0	0	1	1	0	0.000	0
441	438	35.92	4.15	3.3	4.81	6.73	0	0	-337	1	0	0	1	1	0	0.000	0
442	439	36.01	4.28	3.3	4.86	6.78	0	0	-372	1	0	0	1	1	0	0.000	0
443	440	36.09	4.39	3.4	4.79	6.73	0	0	-410	1	0	0	1	1	0	0.000	0
444	441	36.17	4.36	3.4	4.73	6.6	0	0	-404	1	0	0	1	1	0	0.000	0
445	442	36.25	4.26	3.4	4.68	6.62	0	0	-375	1	0	0	1	1	0	0.000	0
446	443	36.33	4.07	3.4	4.65	6.53	0	0	-322	1	0	0	1	1	0	0.000	0
447	444	36.42	3.96	3.4	4.59	6.45	0	0	-297	1	0	0	1	1	0	0.000	0
448	445	36.5	3.85	3.3	4.55	6.35	0	0	-272	1	0	0	1	1	0	0.000	0
449	446	36.58	3.87	3.3	4.54	6.33	0	0	-277	1	0	0	1	1	0	0.000	0
450	447	36.66	3.9	3.3	4.55	6.34	0	0	-284	1	0	0	1	1	0	0.000	0
451	448	36.74	4.04	3.4	4.54	6.36	0	0	-319	1	0	0	1	1	0	0.000	0
452	449	36.83	4.28	3.4	4.5	6.33	0	0	-390	1	0	0	1	1	0	0.000	0
453	450	36.91	4.58	3.4	4.44	6.33	0	0	-500	1	0	0	1	1	0	0.000	0
454	451	36.99	4.85	3.4	4.39	6.26	0	0	-623	1	0	0	1	1	0	0.000	0
455	452	37.07	5.12	3.4	4.32	6.27	0	0	-777	1	0	0	1	1	0	0.000	0
456	453	37.16	5.31	3.4	4.28	6.18	0	0	-905	1	0	0	1	1	0	0.000	0
457	454	37.24	5.47	3.5	4.25	6.2	0	0	-1028	1	0	0	1	1	0	0.000	0
458	455	37.32	5.59	3.5	4.25	6.23	0	0	-1117	1	0	0	1	1	0	0.000	0
459	456	37.4	5.74	3.5	4.28	6.27	0	0	-1259	1	0	0	1	1	0	0.000	0
460	457	37.48	5.82	3.5	4.32	6.34	0	0	-1331	1	0	0	1	1	0	0.000	0
461	458	37.57	5.82	3.5	4.36	6.4	0	0	-1324	1	0	0	1	1	0	0.000	0
462	459	37.65	5.56	3.4	4.4	6.49	0	0	-1081	1	0	0	1	1	0	0.000	0
463	460	37.73	5.29	3.4	4.37	6.58	0	0	-882	1	0	0	1	1	0	0.000	0
464	461	37.81	5.09	3.4	4.3	6.34	0	0	-761	1	0	0	1	1	0	0.000	0
465	462	37.89	4.53	3.4	4.48	6.25	0	0	-478	1	0	0	1	1	0	0.000	0
466	463	37.98	3.7	3.3	4.93	7.03	0	0	-229	1	0	0	1	1	0	0.000	0
467	464	38.06	3.06	3.3	5.09	7.82	0	0	-130	1	0	0	1	1	0	0.000	0
468	465	38.14	2.92	3.3	4.85	6.97	0	0	-119	1	0	1	1	1	0	0.000	0
469	466	38.22	3.37	3.3	4.29	6.39	0	0	-188	1	0	0	1	1	0	0.000	0
470	467	38.3	3.82	3.4	4.06	5.8	0	0	-282	1	0	0	1	1	0	0.000	0
471	468	38.39	4.11	3.4	4.01	5.76	0	0	-360	1	0	0	1	1	0	0.000	0
472	469	38.47	4.13	3.4	4.08	5.87	0	0	-363	1	0	0	1	1	0	0.000	0
473	470	38.55	4.03	3.4	4.13	5.92	0	0	-332	1	0	0	1	1	0	0.000	0
474	471	38.63	3.9	3.4	4.15	5.96	0	0	-298	1	0	0	1	1	0	0.000	0
475	472	38.71	3.85	3.4	4.2	6.06	0	0	-284	1	0	0	1	1	0	0.000	0
476	473	38.8	4.01	3.4	4.28	6.23	0	0	-321	1	0	0	1	1	0	0.000	0
477	474	38.88	4.36	3.4	4.36	6.38	0	0	-423	1	0	0	1	1	0	0.000	0
478	475	38.96	4.65	3.4	4.47	6.41	0	0	-527	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	4.88	3.4	4.56	6.69	0	0	-625	1	0	0	1	1	0	0.000	0
480	477	39.12	5.03	3.4	4.68	6.78	0	0	-693	1	0	0	1	1	0	0.000	0
481	478	39.21	5.15	3.4	4.79	6.93	0	0	-750	1	0	0	1	1	0	0.000	0
482	479	39.29	5.19	3.4	4.9	7.11	0	0	-763	1	0	0	1	1	0	0.000	0
483	480	39.37	5.2	3.4	4.94	7.18	0	0	-765	1	0	0	1	1	0	0.000	0
484	481	39.45	5.09	3.4	4.88	7.12	0	0	-707	1	0	0	1	1	0	0.000	0
485	482	39.53	4.96	3.4	4.77	6.95	0	0	-648	1	0	0	1	1	0	0.000	0
486	483	39.62	4.88	3.4	4.68	6.79	0	0	-616	1	0	0	1	1	0	0.000	0
487	484	39.7	4.77	3.4	4.61	6.64	0	0	-569	1	0	0	1	1	0	0.000	0
488	485	39.78	4.63	3.4	4.57	6.55	0	0	-512	1	0	0	1	1	0	0.000	0
489	486	39.86	4.31	3.4	4.51	6.54	0	0	-399	1	0	0	1	1	0	0.000	0
490	487	39.94	4.08	3.4	4.37	6.45	0	0	-336	1	0	0	1	1	0	0.000	0
491	488	40.03	3.89	3.4	4.2	6.12	0	0	-294	1	0	0	1	1	0	0.000	0
492	489	40.11	3.81	3.4	4.15	5.91	0	0	-276	1	0	0	1	1	0	0.000	0
493	490	40.19	3.84	3.4	4.27	6.1	0	0	-279	1	0	0	1	1	0	0.000	0
494	491	40.27	3.81	3.3	4.49	6.39	0	0	-265	1	0	0	1	1	0	0.000	0
495	492	40.35	3.82	3.3	4.6	6.67	0	0	-264	1	0	0	1	1	0	0.000	0
496	493	40.44	3.95	3.4	4.59	6.64	0	0	-294	1	0	0	1	1	0	0.000	0
497	494	40.52	4.22	3.4	4.5	6.53	0	0	-371	1	0	0	1	1	0	0.000	0
498	495	40.6	4.54	3.4	4.44	6.44	0	0	-434	1	0	0	1	1	0	0.000	0
499	496	40.68	4.56	3.4	4.38	6.42	0	0	-496	1	0	0	1	1	0	0.000	0
500	497	40.76	4.4	3.4	4.26	6.32	0	0	-442	1	0	0	1	1	0	0.000	0
501	498	40.85	4.09	3.4	4.09	6.09	0	0	-351	1	0	0	1	1	0	0.000	0
502	499	40.93	3.74	3.4	3.93	5.9	0	0	-268	1	0	0	1	1	0	0.000	0
503	500	41.01	3.3	3.4	3.88	5.69	0	0	-186	1	0	0	1	1	0	0.000	0
504	501	41.09	3.02	3.3	3.96	5.75	0	0	-145	1	0	0	1	1	0	0.000	0
505	502	41.17	3.12	3.3	4.19	6	0	0	-154	1	0	0	1	1	0	0.000	0
506	503	41.26	3.94	3.3	4.65	6.38	0	0	-289	1	0	0	1	1	0	0.000	0
507	504	41.34	4.65	3.3	5.98	7.33	0	0	-428	1	0	0	1	1	0	0.000	0
508	505	41.42	4.18	3.1	8.34	11.03	0	0	-187	1	0	0	1	1	0	0.000	0
509	506	41.5	3.48	3.0	10.02	15.76	0	0	-62	1	0	0	1	1	0	0.000	0
510	507	41.58	2.83	3.0	9.88	14.53	0	0	-38	1	0	1	1	1	0	0.000	0
511	508	41.67	2.81	3.1	7.98	11.44	0	0	-64	1	0	1	1	1	0	0.000	0
512	509	41.75	3.04	3.2	6.07	9.07	0	0	-111	1	0	0	1	1	0	0.000	0
513	510	41.83	3.17	3.3	4.85	7.29	0	0	-148	1	0	0	1	1	0	0.000	0
514	511	41.91	2.76	3.3	4.25	6.38	0	0	-112	1	0	1	1	1	0	0.000	0
515	512	41.99	2.38	3.3	4.08	6.21	0	0	-81	1	0	1	1	1	0	0.000	0
516	513	42.08	2.18	3.3	4.02	6.06	0	0	-69	1	0	1	1	1	0	0.000	0
517	514	42.16	2.14	3.3	3.85	5.8	0	0	-67	1	0	1	1	1	0	0.000	0
518	515	42.24	2.28	3.3	3.73	5.5	0	0	-78	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	2.41	3.3	3.68	5.49	0	0	-88	1	0	1	1	1	0	0.000	0
520	517	42.4	2.42	3.3	3.73	5.5	0	0	-88	1	0	1	1	1	0	0.000	0
521	518	42.49	2.39	3.3	3.77	5.55	0	0	-85	1	0	1	1	1	0	0.000	0
522	519	42.57	2.41	3.3	3.82	5.58	0	0	-86	1	0	1	1	1	0	0.000	0
523	520	42.65	2.5	3.3	3.81	5.69	0	0	-94	1	0	1	1	1	0	0.000	0
524	521	42.73	2.63	3.3	3.74	5.61	0	0	-106	1	0	1	1	1	0	0.000	0
525	522	42.81	2.81	3.4	3.56	5.45	0	0	-126	1	0	1	1	1	0	0.000	0
526	523	42.9	2.93	3.4	3.33	5.19	0	0	-144	1	0	1	1	1	0	0.000	0
527	524	42.98	2.98	3.4	3.09	4.85	0	0	-154	1	0	1	1	1	0	0.000	0
528	525	43.06	2.93	3.5	2.88	4.59	0	0	-151	1	0	1	1	1	0	0.000	0
529	526	43.14	2.84	3.5	2.74	4.4	0	0	-142	1	0	1	1	1	0	0.000	0
530	527	43.22	2.71	3.5	2.66	4.29	0	0	-127	1	0	1	1	1	0	0.000	0
531	528	43.31	2.55	3.5	2.59	4.23	0	0	-111	1	0	1	1	1	0	0.000	0
532	529	43.39	2.52	3.5	2.53	4.16	0	0	-109	1	0	1	1	1	0	0.000	0
533	530	43.47	2.59	3.5	2.47	4.12	0	0	-117	1	0	1	1	1	0	0.000	0
534	531	43.55	2.71	3.5	2.43	4.05	0	0	-130	1	0	1	1	1	0	0.000	0
535	532	43.63	2.73	3.5	2.43	4.07	0	0	-133	1	0	1	1	1	0	0.000	0
536	533	43.72	2.71	3.5	2.45	4.15	0	0	-130	1	0	1	1	1	0	0.000	0
537	534	43.8	2.71	3.5	2.44	4.13	0	0	-130	1	0	1	1	1	0	0.000	0
538	535	43.88	2.8	3.5	2.39	4.07	0	0	-142	1	0	1	1	1	0	0.000	0
539	536	43.96	2.89	3.5	2.36	3.97	0	0	-154	1	0	1	1	1	0	0.000	0
540	537	44.04	2.89	3.5	2.36	3.97	0	0	-154	1	0	1	1	1	0	0.000	0
541	538	44.13	2.69	3.5	2.41	4.01	0	0	-128	1	0	1	1	1	0	0.000	0
542	539	44.21	2.35	3.5	2.54	4.1	0	0	-94	1	0	1	1	1	0	0.000	0
543	540	44.29	2.13	3.4	2.75	4.33	0	0	-75	1	0	1	1	1	0	0.000	0
544	541	44.37	2.14	3.4	3.04	4.63	0	0	-74	1	0	1	1	1	0	0.000	0
545	542	44.45	2.43	3.4	3.33	5.05	0	0	-93	1	0	1	1	1	0	0.000	0
546	543	44.54	2.95	3.4	3.54	5.45	0	0	-143	1	0	1	1	1	0	0.000	0
547	544	44.62	3.58	3.4	3.62	5.68	0	0	-243	1	0	0	1	1	0	0.000	0
548	545	44.7	4.29	3.5	3.65	5.76	0	0	-435	1	0	0	1	1	0	0.000	0
549	546	44.78	5	3.5	3.64	5.83	0	0	-766	1	0	0	1	1	0	0.000	0
550	547	44.86	5.62	3.5	3.6	5.8	0	0	-1244	1	0	0	1	1	0	0.000	0
551	548	44.95	5.93	3.5	3.54	5.66	0	0	-1584	1	0	0	1	1	0	0.000	0
552	549	45.03	5.83	3.5	3.46	5.7	0	0	-1482	1	0	0	1	1	0	0.000	0
553	550	45.11	5.46	3.5	3.4	5.55	0	0	-1125	1	0	0	1	1	0	0.000	0
554	551	45.19	5.09	3.5	3.32	5.45	0	0	-852	1	0	0	1	1	0	0.000	0
555	552	45.27	4.77	3.5	3.28	5.33	0	0	-665	1	0	0	1	1	0	0.000	0
556	553	45.36	4.56	3.5	3.32	5.35	0	0	-560	1	0	0	1	1	0	0.000	0
557	554	45.44	4.56	3.5	3.43	5.51	0	0	-554	1	0	0	1	1	0	0.000	0
558	555	45.52	4.58	3.5	3.64	5.64	0	0	-549	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	4.57	3.5	3.83	6	0	0	-533	1	0	0	1	1	0	0.000	0
560	557	45.69	4.4	3.4	3.99	6.16	0	0	-457	1	0	0	1	1	0	0.000	0
561	558	45.77	4.3	3.4	4.02	6.29	0	0	-420	1	0	0	1	1	0	0.000	0
562	559	45.85	4.21	3.4	4.01	6.17	0	0	-391	1	0	0	1	1	0	0.000	0
563	560	45.93	4.2	3.4	4	6.14	0	0	-388	1	0	0	1	1	0	0.000	0
564	561	46.01	3.89	3.4	4.06	6.22	0	0	-299	1	0	0	1	1	0	0.000	0
565	562	46.1	3.57	3.4	4.19	6.31	0	0	-225	1	0	0	1	1	0	0.000	0
566	563	46.18	3.36	3.3	4.37	6.58	0	0	-185	1	0	0	1	1	0	0.000	0
567	564	46.26	3.47	3.3	4.68	6.89	0	0	-195	1	0	0	1	1	0	0.000	0
568	565	46.34	3.79	3.3	4.95	7.48	0	0	-246	1	0	0	1	1	0	0.000	0
569	566	46.42	4.16	3.3	5.12	7.69	0	0	-326	1	0	0	1	1	0	0.000	0
570	567	46.51	4.61	3.3	5.09	7.77	0	0	-471	1	0	0	1	1	0	0.000	0
571	568	46.59	5.07	3.4	5.01	7.68	0	0	-684	1	0	0	1	1	0	0.000	0
572	569	46.67	5.38	3.4	4.96	7.63	0	0	-877	1	0	0	1	1	0	0.000	0
573	570	46.75	5.44	3.4	4.99	7.61	0	0	-914	1	0	0	1	1	0	0.000	0
574	571	46.83	5.35	3.4	5.07	7.72	0	0	-844	1	0	0	1	1	0	0.000	0
575	572	46.92	5.27	3.4	5.17	7.87	0	0	-783	1	0	0	1	1	0	0.000	0
576	573	47	5.27	3.4	5.28	7.98	0	0	-771	1	0	0	1	1	0	0.000	0
577	574	47.08	5.31	3.4	5.28	8.14	0	0	-795	1	0	0	1	1	0	0.000	0
578	575	47.16	5.25	3.4	5.21	7.98	0	0	-7[illegible]6	1	0	0	1	1	0	0.000	0
579	576	47.24	5.17	3.4	5.05	7.81	0	0	-736	1	0	0	1	1	0	0.000	0
580	577	47.33	4.99	3.4	4.91	7.56	0	0	-651	1	0	0	1	1	0	0.000	0
581	578	47.41	4.76	3.4	4.85	7.37	0	0	-548	1	0	0	1	1	0	0.000	0
582	579	47.49	4.6	3.4	4.89	7.41	0	0	-480	1	0	0	1	1	0	0.000	0
583	580	47.57	4.49	3.3	5.01	7.54	0	0	-432	1	0	0	1	1	0	0.000	0
584	581	47.65	4.52	3.3	5.06	7.72	0	0	-440	1	0	0	1	1	0	0.000	0
585	582	47.74	4.58	3.4	5.03	7.67	0	0	-463	1	0	0	1	1	0	0.000	0
586	583	47.82	4.7	3.4	4.88	7.54	0	0	-520	1	0	0	1	1	0	0.000	0
587	584	47.9	4.73	3.4	4.77	7.27	0	0	-540	1	0	0	1	1	0	0.000	0
588	585	47.98	4.62	3.4	4.74	7.26	0	0	-497	1	0	0	1	1	0	0.000	0
589	586	48.06	4.57	3.4	4.84	7.34	0	0	-471	1	0	0	1	1	0	0.000	0
590	587	48.15	4.66	3.4	5.03	7.54	0	0	-494	1	0	0	1	1	0	0.000	0
591	588	48.23	4.93	3.4	5.26	7.91	0	0	-593	1	0	0	1	1	0	0.000	0
592	589	48.31	4.94	3.3	5.46	8.25	0	0	-581	1	0	0	1	1	0	0.000	0
593	590	48.39	4.99	3.3	5.57	8.58	0	0	-595	1	0	0	1	1	0	0.000	0
594	591	48.47	5.07	3.3	5.6	8.71	0	0	-631	1	0	0	1	1	0	0.000	0
595	592	48.56	5.46	3.4	5.57	8.73	0	0	-857	1	0	0	1	1	0	0.000	0
596	593	48.64	6.41	3.4	5	8.72	0	0	-1895	1	0	0	1	1	0	0.000	0
597	594	48.72	7.06	3.5	4.68	6.57	0	0	-3168	1	0	0	1	1	0	0.000	0
598	595	48.8	7.19	3.5	4.67	7.54	0	0	-3481	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	6.53	3.4	5.23	8.55	0	0	-2006	1	0	0	1	1	0	0.000	0
600	597	48.97	6.3	3.4	5.71	8.65	0	0	-1582	1	0	0	1	1	0	0.000	0
601	598	49.05	6.25	3.4	6.06	9.25	0	0	-1446	1	0	0	1	1	0	0.000	0
602	599	49.13	5.99	3.3	6.46	9.78	0	0	-1117	1	0	0	1	1	0	0.000	0
603	600	49.21	5.53	3.3	6.65	10.2	0	0	-763	1	0	0	1	1	0	0.000	0
604	601	49.29	5.09	3.3	6.6	10.18	0	0	-548	1	0	0	1	1	0	0.000	0
605	602	49.38	4.83	3.3	6.35	9.78	0	0	-465	1	0	0	1	1	0	0.000	0
606	603	49.46	4.74	3.3	6.14	9.24	0	0	-448	1	0	0	1	1	0	0.000	0
607	604	49.54	4.51	3.3	5.95	9.2	0	0	-384	1	0	0	1	1	0	0.000	0
608	605	49.62	4.11	3.3	5.82	8.89	0	0	-283	1	0	0	1	1	0	0.000	0
609	606	49.7	3.73	3.3	5.74	8.59	0	0	-209	1	0	0	1	1	0	0.000	0
610	607	49.79	3.61	3.2	5.81	8.77	0	0	-187	1	0	0	1	1	0	0.000	0
611	608	49.87	3.68	3.2	6.01	9	0	0	-193	1	0	0	1	1	0	0.000	0
612	609	49.95	3.74	3.2	6.25	9.24	0	0	-195	1	0	0	1	1	0	0.000	0
613	610	50.03	3.87	3.2	6.54	9.61	0	0	-207	1	0	0	1	1	0	0.000	0
614	611	50.11	4.07	3.2	6.96	10.16	0	0	-227	1	0	0	1	1	0	0.000	0
615	612	50.2	4.37	3.2	7.3	10.87	0	0	-272	1	0	0	1	1	0	0.000	0
616	613	50.28	4.67	3.2	7.49	11.13	0	0	-324	1	0	0	1	1	0	0.000	0
617	614	50.36	4.98	3.2	7.47	11.22	0	0	-328	1	0	0	1	1	0	0.000	0
618	615	50.44	5.39	3.3	7.33	11.16	0	0	-666	1	0	0	1	1	0	0.000	0
619	616	50.52	5.76	3.3	7.07	10.79	0	0	-844	1	0	0	1	1	0	0.000	0
620	617	50.61	6.09	3.3	6.73	10.28	0	0	-1150	1	0	0	1	1	0	0.000	0
621	618	50.69	6.04	3.3	6.36	9.83	0	0	-1179	1	0	0	1	1	0	0.000	0
622	619	50.77	5.84	3.3	6.07	9.28	0	0	-1062	1	0	0	1	1	0	0.000	0
623	620	50.85	5.8	3.4	5.82	9.1	0	0	-1070	1	0	0	1	1	0	0.000	0
624	621	50.93	6.04	3.4	5.75	8.91	0	0	-1296	1	0	0	1	1	0	0.000	0
625	622	51.02	6.12	3.4	6.02	9.15	0	0	-1320	1	0	0	1	1	0	0.000	0
626	623	51.1	6.06	3.3	6.6	10.34	0	0	-1150	1	0	0	1	1	0	0.000	0
627	624	51.18	6.12	3.3	7.03	11.54	0	0	-1115	1	0	0	1	1	0	0.000	0
628	625	51.26	6.45	3.3	7.16	11.21	0	0	-1389	1	0	0	1	1	0	0.000	0
629	626	51.34	6.83	3.3	7.1	11.1	0	0	-1854	1	0	0	1	1	0	0.000	0
630	627	51.43	6.93	3.3	7.09	11.34	0	0	-1996	1	0	0	1	1	0	0.000	0
631	628	51.51	6.74	3.3	7.11	11.04	0	0	-1734	1	0	0	1	1	0	0.000	0
632	629	51.59	6.41	3.3	7.19	11.02	0	0	-1342	1	0	0	1	1	0	0.000	0
633	630	51.67	6.01	3.3	7.55	11.31	0	0	-929	1	0	0	1	1	0	0.000	0
634	631	51.75	5.63	3.2	8.23	12.15	0	0	-601	1	0	0	1	1	0	0.000	0
635	632	51.84	5.19	3.2	9.09	13.49	0	0	-342	1	0	0	1	1	0	0.000	0
636	633	51.92	4.77	3.1	10.04	14.62	0	0	-177	1	0	0	1	1	0	0.000	0
637	634	52	4.63	3.1	11.05	15.96	0	0	-94	1	0	0	1	1	0	0.000	0
638	635	52.08	4.68	3.1	12.04	17.39	0	0	-31	1	0	0	1	1	0	0.000	0
639	636	52.16	5.02	3.1	12.65	18.33	0	0	13	1	0	0	1	1	0	0.000	0
640	637	52.25	5.46	3.1	12.6	18.41	0	0	12	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
641	638	52.33	5.88	3.1	11.67	17.63	0	0	-141	1	0	0	1	1	0	0.000	0
642	639	52.41	6.23	3.2	10.44	15.25	0	0	-456	1	0	0	1	1	0	0.000	0
643	640	52.49	6.27	3.2	9.43	13.6	0	0	-699	1	0	0	1	1	0	0.000	0
644	641	52.57	5.99	3.2	9.08	13.15	0	0	-632	1	0	0	1	1	0	0.000	0
645	642	52.66	5.52	3.2	9.03	13.19	0	0	-449	1	0	0	1	1	0	0.000	0
646	643	52.74	5.39	3.2	8.75	13.3	0	0	-439	1	0	0	1	1	0	0.000	0
647	644	52.82	5.72	3.2	8.1	12.3	0	0	-664	1	0	0	1	1	0	0.000	0
648	645	52.9	6.44	3.3	7.23	11.03	0	0	-1361	1	0	0	1	1	0	0.000	0
649	646	52.98	7.16	3.4	6.39	10.08	0	0	-2659	1	0	0	1	1	0	0.000	0
650	647	53.07	7.58	3.4	5.72	9.04	0	0	-3971	1	0	0	1	1	0	0.000	0
651	648	53.15	7.41	3.5	5.23	8.37	0	0	-3778	1	0	0	1	1	0	0.000	0
652	649	53.23	6.75	3.4	5.21	7.87	0	0	-2362	1	0	0	1	1	0	0.000	0
653	650	53.31	6.1	3.4	5.71	8.54	0	0	-1363	1	0	0	1	1	0	0.000	0
654	651	53.4	5.63	3.3	7.12	9.95	0	0	-758	1	0	0	1	1	0	0.000	0
655	652	53.48	5.08	3.2	8.21	13.35	0	0	-395	1	0	0	1	1	0	0.000	0
656	653	53.56	4.67	3.2	8.85	13.14	0	0	-243	1	0	0	1	1	0	0.000	0
657	654	53.64	4.52	3.1	8.83	12.93	0	0	-217	1	0	0	1	1	0	0.000	0
658	655	53.72	4.88	3.1	9.34	13.42	0	0	-249	1	0	0	1	1	0	0.000	0
659	656	53.81	5.53	3.2	9.54	15.05	0	0	-386	1	0	0	1	1	0	0.000	0
660	657	53.89	6.08	3.2	9.43	13.82	0	0	-607	1	0	0	1	1	0	0.000	0
661	658	53.97	6.69	3.3	8.77	13.5	0	0	-1157	1	0	0	1	1	0	0.000	0
662	659	54.05	7.17	3.3	8.4	13	0	0	-1797	1	0	0	1	1	0	0.000	0
663	660	54.13	7.65	3.3	7.93	12.48	0	0	-281	1	0	0	1	1	0	0.000	0
664	661	54.22	7.77	3.4	7.48	11.58	0	0	-3357	1	0	0	1	1	0	0.000	0
665	662	54.3	7.53	3.4	6.97	11.12	0	0	-3127	1	0	0	1	1	0	0.000	0
666	663	54.38	7.16	3.4	6.5	10.42	0	0	-2611	1	0	0	1	1	0	0.000	0
667	664	54.46	7.03	3.4	5.99	9.64	0	0	-2581	1	0	0	1	1	0	0.000	0
668	665	54.54	7	3.4	5.53	8.97	0	0	-2705	1	0	0	1	1	0	0.000	0
669	666	54.63	6.96	3.4	5.19	8.48	0	0	-2756	1	0	0	1	1	0	0.000	0
670	667	54.71	6.93	3.5	4.93	8.24	0	0	-2793	1	0	0	1	1	0	0.000	0
671	668	54.79	6.96	3.5	4.71	7.94	0	0	-2937	1	0	0	1	1	0	0.000	0
672	669	54.87	7.01	3.5	4.5	7.65	0	0	-3127	1	0	0	1	1	0	0.000	0
673	670	54.95	6.67	3.5	4.36	7.42	0	0	-2488	1	0	0	1	1	0	0.000	0
674	671	55.04	5.92	3.5	4.26	7.34	0	0	-1445	1	0	0	1	1	0	0.000	0
675	672	55.12	5.18	3.4	4.2	7.22	0	0	-826	1	0	0	1	1	0	0.000	0
676	673	55.2	4.84	3.4	4.14	7.12	0	0	-638	1	0	0	1	1	0	0.000	0
677	674	55.28	4.88	3.4	4.15	7.03	0	0	-657	1	0	0	1	1	0	0.000	0
678	675	55.36	4.95	3.4	4.19	7.05	0	0	-691	1	0	0	1	1	0	0.000	0
679	676	55.45	4.94	3.4	4.24	7.06	0	0	-682	1	0	0	1	1	0	0.000	0
680	677	55.53	4.85	3.4	4.22	7.04	0	0	-636	1	0	0	1	1	0	0.000	0
681	678	55.61	4.81	3.4	4.14	6.94	0	0	-623	1	0	0	1	1	0	0.000	0
682	679	55.69	4.84	3.4	4.03	6.74	0	0	-646	1	0	0	1	1	0	0.000	0
683	680	55.77	4.84	3.5	3.92	6.57	0	0	-654	1	0	0	1	1	0	0.000	0
684	681	55.86	4.66	3.5	3.81	6.43	0	0	-574	1	0	0	1	1	0	0.000	0
685	682	55.94	4.28	3.4	3.73	6.28	0	0	-427	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
686	683	56.02	4.02	3.4	3.65	6.19	0	0	-349	1	0	0	1	1	0	0.000	0
687	684	56.1	3.93	3.4	3.59	6.04	0	0	-326	1	0	0	1	1	0	0.000	0
688	685	56.18	3.87	3.4	3.57	5.94	0	0	-311	1	0	0	1	1	0	0.000	0
689	686	56.27	3.66	3.4	3.62	5.99	0	0	-259	1	0	0	1	1	0	0.000	0
690	687	56.35	3.45	3.4	3.74	6.15	0	0	-215	1	0	0	1	1	0	0.000	0
691	688	56.43	3.47	3.4	3.85	6.36	0	0	-215	1	0	0	1	1	0	0.000	0
692	689	56.51	3.63	3.4	3.95	6.42	0	0	-244	1	0	0	1	1	0	0.000	0
693	690	56.59	3.57	3.4	4.02	6.49	0	0	-230	1	0	0	1	1	0	0.000	0
694	691	56.68	3.45	3.4	4.06	6.62	0	0	-207	1	0	0	1	1	0	0.000	0
695	692	56.76	3.45	3.4	4.08	6.59	0	0	-206	1	0	0	1	1	0	0.000	0
696	693	56.84	3.72	3.4	4.09	6.51	0	0	-258	1	0	0	1	1	0	0.000	0
697	694	56.92	3.95	3.4	4.19	6.6	0	0	-309	1	0	0	1	1	0	0.000	0
698	695	57	4.02	3.4	4.37	6.93	0	0	-320	1	0	0	1	1	0	0.000	0
699	696	57.09	4.01	3.4	4.52	7.19	0	0	-312	1	0	0	1	1	0	0.000	0
700	697	57.17	4.17	3.4	4.61	7.28	0	0	-351	1	0	0	1	1	0	0.000	0
701	698	57.25	4.51	3.4	4.61	7.35	0	0	-463	1	0	0	1	1	0	0.000	0
702	699	57.33	4.86	3.4	4.6	7.31	0	0	-612	1	0	0	1	1	0	0.000	0
703	700	57.41	4.93	3.4	4.6	7.34	0	0	-647	1	0	0	1	1	0	0.000	0
704	701	57.5	4.71	3.4	4.59	7.45	0	0	-544	1	0	0	1	1	0	0.000	0
705	702	57.58	4.73	3.4	4.54	7.37	0	0	-556	1	0	0	1	1	0	0.000	0
706	703	57.66	4.75	3.4	4.47	7.18	0	0	-570	1	0	0	1	1	0	0.000	0
707	704	57.74	4.89	3.4	4.49	7.14	0	0	-635	1	0	0	1	1	0	0.000	0
708	705	57.82	4.65	3.4	4.73	7.41	0	0	-51	1	0	0	1	1	0	0.000	0
709	706	57.91	4.6	3.3	5.07	8.03	0	0	-468	1	0	0	1	1	0	0.000	0
710	707	57.99	4.67	3.3	5.36	8.44	0	0	-76	1	0	0	1	1	0	0.000	0
711	708	58.07	5	3.3	5.47	8.65	0	0	-608	1	0	0	1	1	0	0.000	0
712	709	58.15	5.27	3.4	5.44	8.65	0	0	-754	1	0	0	1	1	0	0.000	0
713	710	58.23	5.4	3.4	5.36	8.58	0	0	-843	1	0	0	1	1	0	0.000	0
714	711	58.32	5.37	3.4	5.24	8.49	0	0	-838	1	0	0	1	1	0	0.000	0
715	712	58.4	5.35	3.4	5.13	8.32	0	0	-837	1	0	0	1	1	0	0.000	0
716	713	58.48	5.3	3.4	5.14	8.15	0	0	-804	1	0	0	1	1	0	0.000	0
717	714	58.56	5.39	3.4	5.13	8.37	0	0	-863	1	0	0	1	1	0	0.000	0
718	715	58.64	5.56	3.4	5.05	8.33	0	0	-994	1	0	0	1	1	0	0.000	0
719	716	58.73	5.84	3.4	4.83	7.82	0	0	-1267	1	0	0	1	1	0	0.000	0
720	717	58.81	5.93	3.4	4.65	7.55	0	0	-1387	1	0	0	1	1	0	0.000	0
721	718	58.89	5.7	3.4	4.54	7.43	0	0	-1182	1	0	0	1	1	0	0.000	0
722	719	58.97	5.28	3.4	4.47	7.27	0	0	-864	1	0	0	1	1	0	0.000	0
723	720	59.05	4.88	3.4	4.41	7.23	0	0	-637	1	0	0	1	1	0	0.000	0
724	721	59.14	4.68	3.4	4.31	7.16	0	0	-550	1	0	0	1	1	0	0.000	0
725	722	59.22	4.6	3.4	4.16	6.87	0	0	-526	1	0	0	1	1	0	0.000	0
726	723	59.3	4.44	3.4	3.96	6.6	0	0	-473	1	0	0	1	1	0	0.000	0
727	724	59.38	4.3	3.4	3.79	6.32	0	0	-431	1	0	0	1	1	0	0.000	0
728	725	59.46	4.26	3.4	3.66	6.11	0	0	-424	1	0	0	1	1	0	0.000	0
729	726	59.55	4.24	3.5	3.59	5.95	0	0	-420	1	0	0	1	1	0	0.000	0
730	727	59.63	4.22	3.5	3.56	5.92	0	0	-415	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
731	728	59.71	4.19	3.5	3.53	5.99	0	0	-406	1	0	0	1	1	0	0.000	0
732	729	59.79	4.18	3.5	3.5	5.95	0	0	-404	1	0	0	1	1	0	0.000	0
733	730	59.87	4.02	3.5	3.5	5.9	0	0	-354	1	0	0	1	1	0	0.000	0
734	731	59.96	3.67	3.4	3.53	5.98	0	0	-264	1	0	0	1	1	0	0.000	0
735	732	60.04	3.35	3.4	3.59	6.01	0	0	-200	1	0	0	1	1	0	0.000	0
736	733	60.12	3.26	3.4	3.66	6.09	0	0	-184	1	0	0	1	1	0	0.000	0
737	734	60.2	3.4	3.4	3.8	6.17	0	0	-204	1	0	0	1	1	0	0.000	0
738	735	60.28	3.58	3.4	3.97	6.49	0	0	-233	1	0	0	1	1	0	0.000	0
739	736	60.37	3.79	3.4	4.13	6.75	0	0	-273	1	0	0	1	1	0	0.000	0
740	737	60.45	4.03	3.4	4.18	6.87	0	0	-330	1	0	0	1	1	0	0.000	0
741	738	60.53	4.43	3.4	4.16	6.89	0	0	-459	1	0	0	1	1	0	0.000	0
742	739	60.61	4.68	3.4	4.12	6.78	0	0	-563	1	0	0	1	1	0	0.000	0
743	740	60.69	4.8	3.4	4.08	6.76	0	0	-622	1	0	0	1	1	0	0.000	0
744	741	60.78	4.51	3.4	4.1	6.71	0	0	-493	1	0	0	1	1	0	0.000	0
745	742	60.86	4.28	3.4	4.15	6.88	0	0	-407	1	0	0	1	1	0	0.000	0
746	743	60.94	4.06	3.4	4.19	7.05	0	0	-338	1	0	0	1	1	0	0.000	0
747	744	61.02	4.18	3.4	4.18	6.93	0	0	-374	1	0	0	1	1	0	0.000	0
748	745	61.1	4.16	3.4	4.15	6.88	0	0	-369	1	0	0	1	1	0	0.000	0
749	746	61.19	4.25	3.4	4.19	6.83	0	0	-395	1	0	0	1	1	0	0.000	0
750	747	61.27	4.32	3.4	4.24	7.02	0	0	-416	1	0	0	1	1	0	0.000	0
751	748	61.35	4.65	3.4	4.25	7.09	0	0	-541	1	0	0	1	1	0	0.000	0
752	749	61.43	4.38	3.4	4.23	6.99	0	0	-437	1	0	0	1	1	0	0.000	0
753	750	61.52	4.05	3.4	4.24	6.96	0	0	-33	1	0	0	1	1	0	0.000	0
754	751	61.6	3.61	3.4	4.24	7.09	0	0	-231	1	0	0	1	1	0	0.000	0
755	752	61.68	3.72	3.4	4.2	7.03	0	0	-255	1	0	0	1	1	0	0.000	0
756	753	61.76	3.78	3.4	4.21	6.96	0	0	-268	1	0	0	1	1	0	0.000	0
757	754	61.84	3.87	3.4	4.21	7.06	0	0	-288	1	0	0	1	1	0	0.000	0
758	755	61.93	3.97	3.4	4.23	6.99	0	0	-313	1	0	0	1	1	0	0.000	0
759	756	62.01	4.13	3.4	4.15	6.97	0	0	-360	1	0	0	1	1	0	0.000	0
760	757	62.09	4.37	3.4	4.07	6.79	0	0	-442	1	0	0	1	1	0	0.000	0
761	758	62.17	4.61	3.4	3.97	6.66	0	0	-542	1	0	0	1	1	0	0.000	0
762	759	62.25	4.96	3.5	3.88	6.52	0	0	-723	1	0	0	1	1	0	0.000	0
763	760	62.34	5.03	3.5	3.86	6.45	0	0	-765	1	0	0	1	1	0	0.000	0
764	761	62.42	4.95	3.5	3.94	6.63	0	0	-712	1	0	0	1	1	0	0.000	0
765	762	62.5	4.74	3.4	4.14	6.9	0	0	-589	1	0	0	1	1	0	0.000	0
766	763	62.58	4.44	3.4	4.34	7.25	0	0	-452	1	0	0	1	1	0	0.000	0
767	764	62.66	4.06	3.4	4.54	7.48	0	0	-324	1	0	0	1	1	0	0.000	0
768	765	62.75	3.82	3.3	4.68	7.7	0	0	-261	1	0	0	1	1	0	0.000	0
769	766	62.83	3.93	3.3	4.74	7.87	0	0	-284	1	0	0	1	1	0	0.000	0
770	767	62.91	4.43	3.4	4.72	7.82	0	0	-428	1	0	0	1	1	0	0.000	0
771	768	62.99	4.9	3.4	4.66	7.65	0	0	-627	1	0	0	1	1	0	0.000	0
772	769	63.07	5.12	3.4	4.68	7.57	0	0	-743	1	0	0	1	1	0	0.000	0
773	770	63.16	5.14	3.4	4.74	7.84	0	0	-749	1	0	0	1	1	0	0.000	0
774	771	63.24	5.11	3.4	4.82	7.91	0	0	-724	1	0	0	1	1	0	0.000	0
775	772	63.32	5.18	3.4	4.88	7.99	0	0	-759	1	0	0	1	1	0	0.000	0

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776	773	63.4	5.21	3.4	4.97	8.19	0	0	-767	1	0	0	1	1	0	0.000	0
777	774	63.48	5.21	3.4	5.07	8.37	0	0	-757	1	0	0	1	1	0	0.000	0
778	775	63.57	5.21	3.4	5.18	8.51	0	0	-746	1	0	0	1	1	0	0.000	0
779	776	63.65	5.19	3.4	5.31	8.73	0	0	-721	1	0	0	1	1	0	0.000	0
780	777	63.73	5.16	3.4	5.45	8.93	0	0	-691	1	0	0	1	1	0	0.000	0
781	778	63.81	5.01	3.3	5.57	9.05	0	0	-604	1	0	0	1	1	0	0.000	0
782	779	63.89	4.81	3.3	5.67	9.16	0	0	-509	1	0	0	1	1	0	0.000	0
783	780	63.98	4.62	3.3	5.72	9.27	0	0	-434	1	0	0	1	1	0	0.000	0
784	781	64.06	4.57	3.3	5.69	9.2	0	0	-419	1	0	0	1	1	0	0.000	0
785	782	64.14	4.56	3.3	5.63	9	0	0	-419	1	0	0	1	1	0	0.000	0
786	783	64.22	4.51	3.3	5.61	8.99	0	0	-404	1	0	0	1	1	0	0.000	0
787	784	64.3	4.35	3.3	5.66	8.99	0	0	-353	1	0	0	1	1	0	0.000	0
788	785	64.39	4.13	3.3	5.72	9.1	0	0	-292	1	0	0	1	1	0	0.000	0
789	786	64.47	3.9	3.3	5.74	9.2	0	0	-241	1	0	0	1	1	0	0.000	0
790	787	64.55	3.71	3.3	5.68	9.1	0	0	-208	1	0	0	1	1	0	0.000	0
791	788	64.63	3.65	3.3	5.56	8.88	0	0	-201	1	0	0	1	1	0	0.000	0
792	789	64.71	4.01	3.3	5.43	8.68	0	0	-276	1	0	0	1	1	0	0.000	0
793	790	64.8	4.82	3.3	5.31	8.54	0	0	-540	1	0	0	1	1	0	0.000	0
794	791	64.88	5.76	3.4	5.19	8.34	0	0	-1136	1	0	0	1	1	0	0.000	0
795	792	64.96	6.36	3.4	5.06	8.13	0	0	-1812	1	0	0	1	1	0	0.000	0
796	793	65.04	6.25	3.4	5.14	7.94	0	0	-1652	1	0	0	1	1	0	0.000	0
797	794	65.12	5.78	3.4	5.22	8.7	0	0	-1149	1	0	0	1	1	0	0.000	0
798	795	65.21	5.15	3.4	5.17	9.12	0	0	-71	1	0	0	1	1	0	0.000	0
799	796	65.29	4.64	3.4	4.88	8.22	0	0	-496	1	0	0	1	1	0	0.000	0
800	797	65.37	4.15	3.4	4.56	7.83	0	0	-48	1	0	0	1	1	0	0.000	0
801	798	65.45	3.58	3.3	4.38	7.46	0	0	-222	1	0	0	1	1	0	0.000	0
802	799	65.53	3.15	3.3	4.25	7.18	0	0	-157	1	0	0	1	1	0	0.000	0
803	800	65.62	3.02	3.3	4.18	7.01	0	0	-141	1	0	0	1	1	0	0.000	0
804	801	65.7	3.37	3.3	4.16	6.99	0	0	-191	1	0	0	1	1	0	0.000	0
805	802	65.78	3.96	3.4	4.11	6.92	0	0	-315	1	0	0	1	1	0	0.000	0
806	803	65.86	4.45	3.4	3.98	6.7	0	0	-476	1	0	0	1	1	0	0.000	0
807	804	65.94	4.64	3.5	3.81	6.56	0	0	-565	1	0	0	1	1	0	0.000	0
808	805	66.03	4.37	3.5	3.68	6.45	0	0	-462	1	0	0	1	1	0	0.000	0
809	806	66.11	3.97	3.4	3.57	6.36	0	0	-338	1	0	0	1	1	0	0.000	0
810	807	66.19	3.57	3.4	3.48	6.14	0	0	-244	1	0	0	1	1	0	0.000	0
811	808	66.27	3.21	3.4	3.39	5.96	0	0	-182	1	0	0	1	1	0	0.000	0
812	809	66.35	2.84	3.4	3.36	5.87	0	0	-133	1	0	1	1	1	0	0.000	0
813	810	66.44	2.54	3.4	3.36	5.83	0	0	-102	1	0	1	1	1	0	0.000	0
814	811	66.52	2.42	3.4	3.35	5.8	0	0	-92	1	0	1	1	1	0	0.000	0
815	812	66.6	2.49	3.4	3.34	5.72	0	0	-98	1	0	1	1	1	0	0.000	0
816	813	66.68	2.57	3.4	3.33	5.75	0	0	-105	1	0	1	1	1	0	0.000	0
817	814	66.76	2.65	3.4	3.35	5.79	0	0	-112	1	0	1	1	1	0	0.000	0
818	815	66.85	2.73	3.4	3.38	5.83	0	0	-120	1	0	1	1	1	0	0.000	0
819	816	66.93	2.84	3.4	3.42	5.88	0	0	-132	1	0	1	1	1	0	0.000	0
820	817	67.01	2.98	3.4	3.44	5.9	0	0	-148	1	0	1	1	1	0	0.000	0

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821	818	67.09	3.1	3.4	3.44	5.91	0	0	-165	1	0	0	1	1	0	0.000	0
822	819	67.17	3.21	3.4	3.41	5.9	0	0	-182	1	0	0	1	1	0	0.000	0
823	820	67.26	3.31	3.4	3.38	5.83	0	0	-198	1	0	0	1	1	0	0.000	0
824	821	67.34	3.4	3.4	3.39	5.83	0	0	-214	1	0	0	1	1	0	0.000	0
825	822	67.42	3.48	3.4	3.49	5.94	0	0	-226	1	0	0	1	1	0	0.000	0
826	823	67.5	3.59	3.4	3.63	6.18	0	0	-244	1	0	0	1	1	0	0.000	0
827	824	67.58	3.65	3.4	3.79	6.43	0	0	-252	1	0	0	1	1	0	0.000	0
828	825	67.67	3.73	3.4	3.92	6.63	0	0	-266	1	0	0	1	1	0	0.000	0
829	826	67.75	3.79	3.4	4.04	6.82	0	0	-276	1	0	0	1	1	0	0.000	0
830	827	67.83	3.9	3.4	4.1	7.01	0	0	-300	1	0	0	1	1	0	0.000	0
831	828	67.91	4.01	3.4	4.11	6.97	0	0	-328	1	0	0	1	1	0	0.000	0
832	829	67.99	3.99	3.4	4.04	6.9	0	0	-325	1	0	0	1	1	0	0.000	0
833	830	68.08	3.89	3.4	3.96	6.8	0	0	-302	1	0	0	1	1	0	0.000	0
834	831	68.16	3.67	3.4	3.91	6.69	0	0	-253	1	0	0	1	1	0	0.000	0
835	832	68.24	3.58	3.4	3.87	6.71	0	0	-236	1	0	0	1	1	0	0.000	0
836	833	68.32	3.59	3.4	3.88	6.66	0	0	-238	1	0	0	1	1	0	0.000	0
837	834	68.4	3.61	3.4	3.9	6.7	0	0	-241	1	0	0	1	1	0	0.000	0
838	835	68.49	3.67	3.4	3.92	6.74	0	0	-253	1	0	0	1	1	0	0.000	0
839	836	68.57	3.79	3.4	3.94	6.69	0	0	-279	1	0	0	1	1	0	0.000	0
840	837	68.65	3.99	3.4	3.99	6.78	0	0	-327	1	0	0	1	1	0	0.000	0
841	838	68.73	4.09	3.4	4.12	6.95	0	0	-350	1	0	0	1	1	0	0.000	0
842	839	68.81	4.25	3.4	4.28	7.29	0	0	-391	1	0	0	1	1	0	0.000	0
843	840	68.9	4.59	3.4	4.46	7.49	0	0	-501	1	0	0	1	1	0	0.000	0
844	841	68.98	5.12	3.4	4.74	7.8	0	0	-737	1	0	0	1	1	0	0.000	0
845	842	69.06	5.58	3.4	5.03	8.51	0	0	-1113	1	0	0	1	1	0	0.000	0
846	843	69.14	6	3.4	5.22	8.97	0	0	-1356	1	0	0	1	1	0	0.000	0
847	844	69.22	6.59	3.4	5.2	9.01	0	0	-2105	1	0	0	1	1	0	0.000	0
848	845	69.31	7.16	3.5	5.09	8.78	0	0	-3225	1	0	0	1	1	0	0.000	0
849	846	69.39	7.52	3.5	5.02	8.67	0	0	-4200	1	0	0	1	1	0	0.000	0
850	847	69.47	7.41	3.5	5.01	8.71	0	0	-3892	1	0	0	1	1	0	0.000	0
851	848	69.55	7.12	3.5	4.99	8.73	0	0	-3176	1	0	0	1	1	0	0.000	0
852	849	69.64	6.76	3.5	4.91	8.58	0	0	-2477	1	0	0	1	1	0	0.000	0
853	850	69.72	6.41	3.5	4.77	8.38	0	0	-1953	1	0	0	1	1	0	0.000	0
854	851	69.8	6.01	3.5	4.59	8.08	0	0	-1485	1	0	0	1	1	0	0.000	0
855	852	69.88	5.68	3.5	4.37	7.75	0	0	-1189	1	0	0	1	1	0	0.000	0
856	853	69.96	5.35	3.5	4.17	7.35	0	0	-946	1	0	0	1	1	0	0.000	0
857	854	70.05	4.98	3.5	4.03	7.1	0	0	-721	1	0	0	1	1	0	0.000	0
858	855	70.13	4.54	3.4	3.97	6.98	0	0	-512	1	0	0	1	1	0	0.000	0
859	856	70.21	4.17	3.4	3.93	6.93	0	0	-382	1	0	0	1	1	0	0.000	0
860	857	70.29	3.99	3.4	3.89	6.82	0	0	-331	1	0	0	1	1	0	0.000	0
861	858	70.37	3.97	3.4	3.85	6.76	0	0	-327	1	0	0	1	1	0	0.000	0
862	859	70.46	3.99	3.4	3.83	6.68	0	0	-333	1	0	0	1	1	0	0.000	0
863	860	70.54	3.98	3.4	3.86	6.67	0	0	-329	1	0	0	1	1	0	0.000	0
864	861	70.62	3.95	3.4	3.91	6.79	0	0	-319	1	0	0	1	1	0	0.000	0
865	862	70.7	3.95	3.4	3.96	6.89	0	0	-317	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
866	863	70.78	3.97	3.4	3.99	6.9	0	0	-322	1	0	0	1	1	0	0.000	0
867	864	70.87	4	3.4	4.01	6.92	0	0	-329	1	0	0	1	1	0	0.000	0
868	865	70.95	4.06	3.4	4.04	6.99	0	0	-344	1	0	0	1	1	0	0.000	0
869	866	71.03	4.2	3.4	4.08	6.99	0	0	-384	1	0	0	1	1	0	0.000	0
870	867	71.11	4.4	3.4	4.13	7.06	0	0	-449	1	0	0	1	1	0	0.000	0
871	868	71.19	4.58	3.4	4.19	7.21	0	0	-515	1	0	0	1	1	0	0.000	0
872	869	71.28	4.44	3.4	4.24	7.32	0	0	-458	1	0	0	1	1	0	0.000	0
873	870	71.36	4.27	3.4	4.29	7.43	0	0	-397	1	0	0	1	1	0	0.000	0
874	871	71.44	4.11	3.4	4.34	7.55	0	0	-346	1	0	0	1	1	0	0.000	0
875	872	71.52	4.13	3.4	4.42	7.59	0	0	-348	1	0	0	1	1	0	0.000	0
876	873	71.6	4.46	3.4	4.2	7.82	0	0	-467	1	0	0	1	1	0	0.000	0
877	874	71.69	4.59	3.4	4.21	6.65	0	0	-518	1	0	0	1	1	0	0.000	0
878	875	71.77	4.61	3.4	4.48	7.7	0	0	-509	1	0	0	1	1	0	0.000	0
879	876	71.85	4.35	3.3	5.17	8.89	0	0	-378	1	0	0	1	1	0	0.000	0
880	877	71.93	4.32	3.3	5.7	9.55	0	0	-342	1	0	0	1	1	0	0.000	0
881	878	72.01	4.47	3.3	6.01	9.92	0	0	-368	1	0	0	1	1	0	0.000	0
882	879	72.1	4.57	3.3	6.25	10.36	0	0	-385	1	0	0	1	1	0	0.000	0
883	880	72.18	4.62	3.3	6.45	10.61	0	0	-387	1	0	0	1	1	0	0.000	0
884	881	72.26	4.65	3.3	6.61	10.84	0	0	-386	1	0	0	1	1	0	0.000	0
885	882	72.34	4.72	3.3	6.68	10.99	0	0	-404	1	0	0	1	1	0	0.000	0
886	883	72.42	4.8	3.3	6.65	10.86	0	0	-432	1	0	0	1	1	0	0.000	0
887	884	72.51	4.85	3.3	6.54	10.87	0	0	-458	1	0	0	1	1	0	0.000	0
888	885	72.59	4.95	3.3	6.39	10.71	0	0	-501	1	0	0	1	1	0	0.000	0
889	886	72.67	5.14	3.3	6.22	10.37	0	0	-606	1	0	0	1	1	0	0.000	0
890	887	72.75	5.38	3.3	6.05	10.21	0	0	-750	1	0	0	1	1	0	0.000	0
891	888	72.83	5.56	3.3	5.96	9.96	0	0	-873	1	0	0	1	1	0	0.000	0
892	889	72.92	5.67	3.3	5.91	9.99	0	0	-957	1	0	0	1	1	0	0.000	0
893	890	73	5.75	3.4	5.92	10	0	0	-1015	1	0	0	1	1	0	0.000	0
894	891	73.08	5.88	3.4	5.89	10.03	0	0	-1125	1	0	0	1	1	0	0.000	0
895	892	73.16	6.03	3.4	5.88	10.01	0	0	-1261	1	0	0	1	1	0	0.000	0
896	893	73.24	6.11	3.4	5.87	10	0	0	-1341	1	0	0	1	1	0	0.000	0
897	894	73.33	6.12	3.4	5.87	10.09	0	0	-1351	1	0	0	1	1	0	0.000	0
898	895	73.41	6.1	3.4	5.83	10.06	0	0	-1339	1	0	0	1	1	0	0.000	0
899	896	73.49	6.14	3.4	5.8	9.94	0	0	-1386	1	0	0	1	1	0	0.000	0
900	897	73.57	6.05	3.4	5.88	9.97	0	0	-1280	1	0	0	1	1	0	0.000	0
901	898	73.65	5.81	3.3	6.07	10.32	0	0	-1038	1	0	0	1	1	0	0.000	0
902	899	73.74	5.41	3.3	6.32	10.73	0	0	-735	1	0	0	1	1	0	0.000	0
903	900	73.82	5.28	3.3	6.49	11.21	0	0	-647	1	0	0	1	1	0	0.000	0
904	901	73.9	5.36	3.3	6.65	11.19	0	0	-670	1	0	0	1	1	0	0.000	0
905	902	73.98	5.61	3.3	6.76	11.49	0	0	-796	1	0	0	1	1	0	0.000	0
906	903	74.06	5.79	3.3	6.91	11.83	0	0	-889	1	0	0	1	1	0	0.000	0
907	904	74.15	5.97	3.3	7	12.11	0	0	-1002	1	0	0	1	1	0	0.000	0
908	905	74.23	6.24	3.3	7.11	12.13	0	0	-1201	1	0	0	1	1	0	0.000	0
909	906	74.31	6.71	3.3	7.35	12.42	0	0	-1621	1	0	0	1	1	0	0.000	0
910	907	74.39	7.12	3.3	7.75	13.09	0	0	-2009	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
911	908	74.47	7.34	3.3	8.2	13.92	0	0	-2127	1	0	0	1	1	0	0.000	0
912	909	74.56	7.63	3.3	8.57	14.79	0	0	-2384	1	0	0	1	1	0	0.000	0
913	910	74.64	7.96	3.3	8.73	15.3	0	0	-2876	1	0	0	1	1	0	0.000	0
914	911	74.72	8.62	3.3	8.51	15.11	0	0	-4772	1	0	0	1	1	0	0.000	0
915	912	74.8	9.01	3.4	8.09	14.06	0	0	-6842	1	0	0	1	1	0	0.000	0
916	913	74.88	9.07	3.4	7.67	13.4	0	0	-7797	1	0	0	1	1	0	0.000	0
917	914	74.97	8.69	3.4	7.43	12.78	0	0	-6355	1	0	0	1	1	0	0.000	0
918	915	75.05	8.06	3.4	7.34	12.56	0	0	-4217	1	0	0	1	1	0	0.000	0
919	916	75.13	7.55	3.4	7.28	12.46	0	0	-2994	1	0	0	1	1	0	0.000	0
920	917	75.21	7.09	3.3	7.07	12.33	0	0	-2248	1	0	0	1	1	0	0.000	0
921	918	75.29	7.07	3.4	6.68	11.67	0	0	-2375	1	0	0	1	1	0	0.000	0
922	919	75.38	7.48	3.4	6.05	11.04	0	0	-3521	1	0	0	1	1	0	0.000	0
923	920	75.46	8.24	3.5	5.4	9.85	0	0	-6564	1	0	0	1	1	0	0.000	0
924	921	75.54	8.69	3.5	4.83	8.82	0	0	-9615	1	0	0	1	1	0	0.000	0
925	922	75.62	8.6	3.5	4.52	8.45	0	0	-9416	1	0	0	1	1	0	0.000	0
926	923	75.7	8.09	3.5	4.37	8.32	0	0	-6783	1	0	0	1	1	0	0.000	0
927	924	75.79	7.55	3.5	4.28	7.99	0	0	-4714	1	0	0	1	1	0	0.000	0
928	925	75.87	7.12	3.5	4.21	7.92	0	0	-3506	1	0	0	1	1	0	0.000	0
929	926	75.95	6.79	3.5	4.19	7.86	0	0	-2771	1	0	0	1	1	0	0.000	0
930	927	76.03	6.77	3.5	4.18	7.78	0	0	-2735	1	0	0	1	1	0	0.000	0
931	928	76.11	6.85	3.5	4.17	7.8	0	0	-2901	1	0	0	1	1	0	0.000	0
932	929	76.2	6.89	3.5	4.18	7.82	0	0	-2933	1	0	0	1	1	0	0.000	0
933	930	76.28	6.78	3.5	4.2	7.86	0	0	-2743	1	0	0	1	1	0	0.000	0
934	931	76.36	6.65	3.5	4.22	7.99	0	0	-2494	1	0	0	1	1	0	0.000	0
935	932	76.44	6.61	3.5	4.23	8.02	0	0	-2420	1	0	0	1	1	0	0.000	0
936	933	76.52	6.69	3.5	4.2	7.91	0	0	-2574	1	0	0	1	1	0	0.000	0
937	934	76.61	6.74	3.5	4.15	7.86	0	0	-2686	1	0	0	1	1	0	0.000	0
938	935	76.69	6.55	3.5	4.12	7.79	0	0	-2346	1	0	0	1	1	0	0.000	0
939	936	76.77	6.22	3.5	4.06	7.71	0	0	-1853	1	0	0	1	1	0	0.000	0
940	937	76.85	5.88	3.5	4	7.56	0	0	-1447	1	0	0	1	1	0	0.000	0
941	938	76.93	5.67	3.5	3.91	7.45	0	0	-1247	1	0	0	1	1	0	0.000	0
942	939	77.02	5.42	3.5	3.84	7.27	0	0	-1038	1	0	0	1	1	0	0.000	0
943	940	77.1	5.09	3.5	3.79	7.16	0	0	-808	1	0	0	1	1	0	0.000	0
944	941	77.18	4.87	3.5	3.8	7.17	0	0	-679	1	0	0	1	1	0	0.000	0
945	942	77.26	4.85	3.5	3.86	7.22	0	0	-664	1	0	0	1	1	0	0.000	0
946	943	77.34	4.93	3.5	3.9	7.34	0	0	-704	1	0	0	1	1	0	0.000	0
947	944	77.43	5	3.5	3.94	7.34	0	0	-740	1	0	0	1	1	0	0.000	0
948	945	77.51	5	3.5	3.95	7.38	0	0	-740	1	0	0	1	1	0	0.000	0
949	946	77.59	5.02	3.5	3.95	7.35	0	0	-751	1	0	0	1	1	0	0.000	0
950	947	77.67	5	3.5	3.95	7.31	0	0	-740	1	0	0	1	1	0	0.000	0
951	948	77.75	4.89	3.5	3.96	7.32	0	0	-678	1	0	0	1	1	0	0.000	0
952	949	77.84	4.49	3.4	4	7.32	0	0	-490	1	0	0	1	1	0	0.000	0
953	950	77.92	4.13	3.4	4.07	7.41	0	0	-363	1	0	0	1	1	0	0.000	0
954	951	78	3.91	3.4	4.17	7.6	0	0	-300	1	0	0	1	1	0	0.000	0
955	952	78.08	4.62	3.4	4.37	7.71	0	0	-521	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
956	953	78.17	4.89	3.3	5.58	8.2	0	0	-549	1	0	0	1	1	0	0.000	0
957	954	78.25	4.21	3.1	9.52	13.08	0	0	-137	1	0	0	1	1	0	0.000	0
958	955	78.33	3.49	2.9	14.47	27.47	0	0	50	1	0	0	1	1	0	0.000	0
959	956	78.41	3.34	2.8	18.92	33.89	0	0	143	1	0	0	0	1	0	0.000	0
960	957	78.49	3.57	2.8	19.58	36.86	0	0	192	1	0	0	0	1	0	0.000	0
961	958	78.58	4.32	2.9	18.56	31.47	0	0	305	1	0	0	0	1	0	0.000	0
962	959	78.66	4.76	2.9	17.84	28.63	0	0	382	1	0	0	0	1	0	0.000	0
963	960	78.74	4.04	2.8	22	33.05	0	0	380	1	0	0	0	1	0	0.000	0
964	961	78.82	2.96	2.6	30.05	54.15	0	0	283	1	0	1	0	1	0	0.000	0
965	962	78.9	2.35	2.5	40.38	69.72	0	0	263	1	1	1	0	1	0	0.000	0
966	963	78.99	1.97	2.3	48.05	77.65	0	0	238	1	1	1	0	1	0	0.000	0
967	964	79.07	1.77	2.3	52.73	85.64	0	0	224	1	1	1	0	1	0	0.000	0
968	965	79.15	1.55	2.2	55.76	88.13	0	0	196	1	1	1	0	1	0	0.000	0
969	966	79.23	1.39	2.2	56.54	87.2	0	0	172	1	1	1	0	1	0	0.000	0
970	967	79.31	1.2	2.2	57.91	84.81	0	0	148	1	1	1	0	1	0	0.000	0
971	968	79.4	1.02	2.1	60.26	88.58	0	0	131	1	1	1	0	1	0	0.000	0
972	969	79.48	0.91	2.1	62.67	90.78	0	0	124	1	1	1	0	1	0	0.000	0
973	970	79.56	0.86	2.0	64.55	89.9	0	0	122	1	1	1	0	1	0	0.000	0
974	971	79.64	0.79	2.0	65.74	92.94	0	0	117	1	1	1	0	1	0	0.000	0
975	972	79.72	0.8	2.0	66.12	92.33	0	0.14	119	1	1	1	0	1	0	0.000	0
976	973	79.81	0.78	2.0	66.05	91.07	0	0.14	117	1	1	1	0	1	0	0.000	0
977	974	79.89	0.83	2.0	66	92.37	0	0.13	122	1	1	1	0	1	0	0.000	0
978	975	79.97	0.93	2.0	65.26	94.97	0	0.11	13[illegible]	1	1	1	0	1	0	0.000	0
979	976	80.05	1.05	2.1	64.64	93.79	0	0.1	147	1	1	1	0	1	0	0.000	0
980	977	80.13	1.17	2.1	64.16	96.16	0	0.09	164	1	1	1	0	1	0	0.000	0
981	978	80.22	1.13	2.1	66.94	97.56	0	0.09	166	1	1	1	0	1	0	0.000	0
982	979	80.3	1.14	2.1	69.09	105.63	0	0.07	174	1	1	1	0	1	0	0.000	0
983	980	80.38	1.1	2.1	72.4	105.37	0	0.08	178	1	1	1	0	1	0	0.000	0
984	981	80.46	1.09	2.0	74.18	110.71	0	0.07	181	1	1	1	0	1	0	0.000	0
985	982	80.54	0.94	2.0	76.03	110.9	0	0.08	161	1	1	1	0	1	0	0.000	0
986	983	80.63	0.8	2.0	75.25	104.79	0	0.12	139	1	1	1	0	1	0	0.000	0
987	984	80.71	0.71	1.9	71.64	97.68	0	0	120	1	1	1	0	1	0	0.000	0
988	985	80.79	0.73	2.0	66.52	90.61	0	0	112	1	1	1	0	1	0	0.000	0
989	986	80.87	0.85	2.0	60.39	86.82	0	0	112	1	1	1	0	1	0	0.000	0
990	987	80.95	1.07	2.1	53.47	81.31	0	0	118	1	1	1	0	1	0	0.000	0
991	988	81.04	1.4	2.3	46.31	71.49	0	0	133	1	1	1	0	1	0	0.000	0
992	989	81.12	1.76	2.4	39.98	64.46	0	0	151	1	1	1	0	1	0	0.000	0
993	990	81.2	1.97	2.5	35.43	58.83	0	0	153	1	1	1	0	1	0	0.000	0
994	991	81.28	2.1	2.5	31.68	53.37	0	0	144	1	1	1	0	1	0	0.000	0
995	992	81.36	2.13	2.6	27.95	48.19	0	0	119	1	1	1	0	1	0	0.000	0
996	993	81.45	2.41	2.6	23.29	41.73	0	0	107	1	0	1	0	1	0	0.000	0
997	994	81.53	2.97	2.8	19.52	33.34	0	0	114	1	0	1	0	1	0	0.000	0
998	995	81.61	4.24	2.9	15.78	28.76	0	0	155	1	0	0	0	1	0	0.000	0
999	996	81.69	6.15	3.1	12.74	21.98	0	0	50	1	0	0	1	1	0	0.000	0
1000	997	81.77	8.61	3.3	10.03	17.7	0	0	-2934	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1001	998	81.86	9.76	3.4	8.54	15.01	0	0	-10023	1	0	0	1	1	0	0.000	0
1002	999	81.94	9.52	3.4	7.7	14.58	0	0	-10403	1	0	0	1	1	0	0.000	0
1003	1000	82.02	8.62	3.4	7.19	13.59	0	0	-6351	1	0	0	1	1	0	0.000	0
1004	1001	82.1	8.6	3.4	6.65	12.51	0	0	-6903	1	0	0	1	1	0	0.000	0
1005	1002	82.18	8.79	3.4	6.41	11.96	0	0	-8162	1	0	0	1	1	0	0.000	0
1006	1003	82.27	9.12	3.4	6.5	12.44	0	0	-10010	1	0	0	1	1	0	0.000	0
1007	1004	82.35	8.82	3.4	6.9	12.96	0	0	-7657	1	0	0	1	1	0	0.000	0
1008	1005	82.43	8.38	3.4	7.16	13.95	0	0	-5431	1	0	0	1	1	0	0.000	0
1009	1006	82.51	8.18	3.4	7.13	13.72	0	0	-4765	1	0	0	1	1	0	0.000	0
1010	1007	82.59	8.66	3.4	6.8	12.84	0	0	-7003	1	0	0	1	1	0	0.000	0
1011	1008	82.68	9.54	3.5	6.39	12.37	0	0	-13416	1	0	0	1	1	0	0.000	0
1012	1009	82.76	9.73	3.5	6.3	11.72	0	0	-15392	1	0	0	1	1	0	0.000	0
1013	1010	82.84	8.08	3.4	7.27	12.4	0	0	-4334	1	0	0	1	1	0	0.000	0
1014	1011	82.92	5.72	3.2	9.73	17.16	0	0	-418	1	0	0	1	1	0	0.000	0
1015	1012	83	3.86	3.0	13.45	24.02	0	0	33	1	0	0	1	1	0	0.000	0
1016	1013	83.09	3.11	2.8	16.33	31.41	0	0	70	1	0	0	1	1	0	0.000	0
1017	1014	83.17	3.16	2.8	16.62	32.22	0	0	79	1	0	0	1	1	0	0.000	0
1018	1015	83.25	3.8	2.9	14.47	25.61	0	0	65	1	0	0	1	1	0	0.000	0
1019	1016	83.33	5	3.1	11.26	20.24	0	0	-107	1	0	0	1	1	0	0.000	0
1020	1017	83.41	6.29	3.2	8.76	15.59	0	0	-865	1	0	0	1	1	0	0.000	0
1021	1018	83.5	7.81	3.4	7.04	12.99	0	0	-3755	1	0	0	1	1	0	0.000	0
1022	1019	83.58	8.21	3.4	6.47	11.7	0	0	-5462	1	0	0	1	1	0	0.000	0
1023	1020	83.66	7.41	3.3	7.23	12.76	0	0	-2731	1	0	0	1	1	0	0.000	0
1024	1021	83.74	3.92	3.0	13.62	16.74	0	0	41	1	0	0	1	1	0	0.000	0
1025	1022	83.82	2.12	2.6	26.93	45.29	0	0	10	1	1	1	0	1	0	0.000	0
1026	1023	83.91	1.33	2.2	47.61	82.14	0	0	129	1	1	1	0	1	0	0.000	0
1027	1024	83.99	1.05	2.1	64.73	100.32	0	0	148	1	1	1	0	1	0	0.000	0
1028	1025	84.07	0.97	2.0	75.73	111.21	0	0	165	1	1	1	0	1	0	0.000	0
1029	1026	84.15	1.07	2.0	82.96	126.21	0	0.05	203	1	1	1	0	1	0	0.000	0
1030	1027	84.23	1.05	2.0	90.32	135.21	0	0.05	220	1	1	1	0	1	0	0.000	0
1031	1028	84.32	1.02	1.9	96.05	142.42	0	0.04	229	1	1	1	0	1	0	0.000	0
1032	1029	84.4	0.89	1.9	104.98	143.28	0	0.07	224	1	1	1	0	1	0	0.000	0
1033	1030	84.48	0.84	1.8	114.98	159.33	0	0.06	236	1	1	1	0	1	0	0.000	0
1034	1031	84.56	0.8	1.8	126.81	176.13	0	0.04	254	0	1	1	0	1	0	0.000	0
1035	1032	84.64	0.77	1.7	134.6	190.59	0	0.01	263	0	1	1	0	1	0	0.000	0
1036	1033	84.73	0.78	1.7	138.33	192.16	0	0.01	274	0	1	1	0	1	0	0.000	0
1037	1034	84.81	0.77	1.7	139.59	195.63	0	0	274	0	1	1	0	1	0	0.000	0
1038	1035	84.89	0.88	1.8	138.14	196.38	0	0	301	0	1	1	0	1	0	0.000	0
1039	1036	84.97	0.93	1.8	138.5	197.29	0	0	317	0	1	1	0	1	0	0.000	0
1040	1037	85.05	1.17	1.9	137.34	208.94	0	0	396	0	1	1	0	1	0	0.000	0
1041	1038	85.14	1.34	1.9	132.88	223.83	0	0	448	0	1	1	0	1	0	0.000	0
1042	1039	85.22	1.59	2.0	125.44	204.13	0	0	532	0	1	1	0	1	0	0.000	0
1043	1040	85.3	1.7	2.0	118.13	197.96	0	0	551	0	1	1	0	1	0	0.000	0
1044	1041	85.38	1.65	2.0	113.85	197.52	0	0	504	0	1	1	0	1	0	0.000	0
1045	1042	85.46	1.67	2.0	110.51	181.13	0	0	497	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1046	1043	85.55	1.63	2.0	109.85	182.15	0	0	476	0	1	1	0	1	0	0.000	0
1047	1044	85.63	1.58	2.0	114.1	193.04	0	0	474	0	1	1	0	1	0	0.000	0
1048	1045	85.71	1.46	2.0	114.9	199.9	0	0	427	0	1	1	0	1	0	0.000	0
1049	1046	85.79	1.34	2.0	110.28	175.61	0	0	364	0	1	1	0	1	0	0.000	0
1050	1047	85.87	1.26	2.0	100.57	158.11	0	0	304	1	1	1	0	1	0	0.000	0
1051	1048	85.96	1.17	2.0	96.11	141.99	0	0.02	265	1	1	1	0	1	0	0.000	0
1052	1049	86.04	1.07	2.0	95.28	146.1	0	0.02	238	1	1	1	0	1	0	0.000	0
1053	1050	86.12	1.1	2.0	96.61	147.02	0	0.02	249	1	1	1	0	1	0	0.000	0
1054	1051	86.2	1.18	2.0	94.41	151.14	0	0	262	1	1	1	0	1	0	0.000	0
1055	1052	86.28	1.25	2.0	91.18	142.72	0	0	269	1	1	1	0	1	0	0.000	0
1056	1053	86.37	1.31	2.0	88.14	138.56	0	0	274	1	1	1	0	1	0	0.000	0
1057	1054	86.45	1.24	2.0	87.51	140.34	0	0.01	254	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.11	2.0	87.44	134.93	0	0.03	224	1	1	1	0	1	0	0.000	0
1059	1056	86.61	0.99	2.0	85.59	129.16	0	0.05	195	1	1	1	0	1	0	0.000	0
1060	1057	86.7	1.03	2.0	81.01	123.55	0	0.06	190	1	1	1	0	1	0	0.000	0
1061	1058	86.78	1.09	2.0	77.53	116.14	0	0.06	191	1	1	1	0	1	0	0.000	0
1062	1059	86.86	1.08	2.0	77.65	117.99	0	0.06	189	1	1	1	0	1	0	0.000	0
1063	1060	86.94	0.91	2.0	82.75	121.93	0	0.07	173	1	1	1	0	1	0	0.000	0
1064	1061	87.02	0.84	1.9	83.38	128.04	0	0.07	164	1	1	1	0	1	0	0.000	0
1065	1062	87.11	0.86	2.0	79.66	113.94	0	0.09	158	1	1	1	0	1	0	0.000	0
1066	1063	87.19	0.9	2.0	74.05	107.55	0	0.09	150	1	1	1	0	1	0	0.000	0
1067	1064	87.27	0.86	2.0	71.06	106.74	0	0	138	1	1	1	0	1	0	0.000	0
1068	1065	87.35	0.91	2.0	64.26	102.14	0	0	123	1	1	1	0	1	0	0.000	0
1069	1066	87.43	1.2	2.2	53.79	82.99	0	0	135	1	1	1	0	1	0	0.000	0
1070	1067	87.52	1.93	2.4	42.13	72.26	0	0	91	1	1	1	0	1	0	0.000	0
1071	1068	87.6	2.82	2.6	33.74	62.54	0	0	303	1	1	1	0	1	0	0.000	0
1072	1069	87.68	3.8	2.7	27.53	51.49	0	0	494	1	0	0	0	1	0	0.000	0
1073	1070	87.76	4.83	2.9	22.37	41.21	0	0	747	1	0	0	0	1	0	0.000	0
1074	1071	87.84	5.8	3.0	18.77	32.15	0	0	1005	1	0	0	0	1	0	0.000	0
1075	1072	87.93	6.33	3.0	16.77	30.75	0	0	1017	1	0	0	0	1	0	0.000	0
1076	1073	88.01	6.22	3.0	16.18	29.92	0	0	808	1	0	0	0	1	0	0.000	0
1077	1074	88.09	5.81	3.0	15.75	28.87	0	0	525	1	0	0	0	1	0	0.000	0
1078	1075	88.17	5.75	3.0	15.05	28.43	0	0	393	1	0	0	0	1	0	0.000	0
1079	1076	88.25	6.13	3.1	14.02	26.11	0	0	312	1	0	0	0	1	0	0.000	0
1080	1077	88.34	6.74	3.1	12.68	23.35	0	0	58	1	0	0	1	1	0	0.000	0
1081	1078	88.42	7.04	3.2	11.13	21.24	0	0	-547	1	0	0	1	1	0	0.000	0
1082	1079	88.5	7.2	3.2	9.83	17.9	0	0	-1195	1	0	0	1	1	0	0.000	0
1083	1080	88.58	7.78	3.3	8.56	16.56	0	0	-2653	1	0	0	1	1	0	0.000	0
1084	1081	88.66	8.58	3.4	7.71	14.7	0	0	-5577	1	0	0	1	1	0	0.000	0
1085	1082	88.75	9	3.4	6.97	13.55	0	0	-8523	1	0	0	1	1	0	0.000	0
1086	1083	88.83	8.51	3.4	6.85	12.81	0	0	-6275	1	0	0	1	1	0	0.000	0
1087	1084	88.91	8.7	3.4	6.97	14.08	0	0	-6979	1	0	0	1	1	0	0.000	0
1088	1085	88.99	9.04	3.4	7.65	14.17	0	0	-7675	1	0	0	1	1	0	0.000	0
1089	1086	89.07	9.2	3.3	8.79	16.23	0	0	-6524	1	0	0	1	1	0	0.000	0
1090	1087	89.16	8.56	3.3	10.65	19.95	0	0	-2125	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1091	1088	89.24	7.94	3.2	12.61	23.91	0	0	83	1	0	0	0	1	0	0.000	0
1092	1089	89.32	7.42	3.1	14.05	26.72	0	0	811	1	0	0	0	1	0	0.000	0
1093	1090	89.4	7	3.1	15.02	27.81	0	0	978	1	0	0	0	1	0	0.000	0
1094	1091	89.48	6.56	3.1	15.8	29.33	0	0	931	1	0	0	0	1	0	0.000	0
1095	1092	89.57	6.06	3.0	16.83	31.09	0	0	844	1	0	0	0	1	0	0.000	0
1096	1093	89.65	5.57	3.0	17.84	33.67	0	0	718	1	0	0	0	1	0	0.000	0
1097	1094	89.73	5.14	2.9	18.79	35.08	0	0	607	1	0	0	0	1	0	0.000	0
1098	1095	89.81	4.91	2.9	19.34	36.53	0	0	551	1	0	0	0	1	0	0.000	0
1099	1096	89.89	4.81	2.9	19.63	36.8	0	0	531	1	0	0	0	1	0	0.000	0
1100	1097	89.98	4.69	2.9	19.59	36.8	0	0	480	1	0	0	0	1	0	0.000	0
1101	1098	90.06	4.54	2.9	19.4	36.35	0	0	414	1	0	0	0	1	0	0.000	0
1102	1099	90.14	4.54	2.9	19.21	35.76	0	0	403	1	0	0	0	1	0	0.000	0
1103	1100	90.22	4.57	2.9	19.07	35.74	0	0	404	1	0	0	0	1	0	0.000	0
1104	1101	90.3	4.66	2.9	18.04	35.63	0	0	366	1	0	0	0	1	0	0.000	0
1105	1102	90.39	4.81	3.0	15.46	29.97	0	0	220	1	0	0	0	1	0	0.000	0
1106	1103	90.47	5.43	3.1	11.95	21.49	0	0	-66	1	0	0	1	1	0	0.000	0
1107	1104	90.55	6.52	3.2	8.8	16.39	0	0	-1014	1	0	0	1	1	0	0.000	0
1108	1105	90.63	6.98	3.3	7.16	13.15	0	0	-2043	1	0	0	1	1	0	0.000	0
1109	1106	90.71	6.24	3.3	6.44	12.93	0	0	-1350	1	0	0	1	1	0	0.000	0
1110	1107	90.8	5.15	3.3	6.15	12.75	0	0	-618	1	0	0	1	1	0	0.000	0
1111	1108	90.88	4.79	3.3	5.75	11.68	0	0	-495	1	0	0	1	1	0	0.000	0
1112	1109	90.96	5.09	3.4	5.4	10.93	0	0	-659	1	0	0	1	1	0	0.000	0
1113	1110	91.04	5.57	3.4	5.28	10.96	0	0	-97	1	0	0	1	1	0	0.000	0
1114	1111	91.12	5.82	3.4	5.36	11.07	0	0	-1161	1	0	0	1	1	0	0.000	0
1115	1112	91.21	6.01	3.4	5.48	11.31	0	0	-1318	1	0	0	1	1	0	0.000	0
1116	1113	91.29	6.16	3.4	5.51	11.57	0	0	-1467	1	0	0	1	1	0	0.000	0
1117	1114	91.37	6.48	3.4	5.44	11.22	0	0	-1878	1	0	0	1	1	0	0.000	0
1118	1115	91.45	6.95	3.4	5.21	10.91	0	0	-2729	1	0	0	1	1	0	0.000	0
1119	1116	91.53	7.35	3.5	5.01	10.33	0	0	-3731	1	0	0	1	1	0	0.000	0
1120	1117	91.62	7.52	3.5	4.79	10.08	0	0	-4329	1	0	0	1	1	0	0.000	0
1121	1118	91.7	7.5	3.5	4.57	9.66	0	0	-4391	1	0	0	1	1	0	0.000	0
1122	1119	91.78	7.38	3.5	4.37	9.12	0	0	-4136	1	0	0	1	1	0	0.000	0
1123	1120	91.86	7.35	3.5	4.21	9.03	0	0	-4129	1	0	0	1	1	0	0.000	0
1124	1121	91.94	7.33	3.5	4.09	8.7	0	0	-4130	1	0	0	1	1	0	0.000	0
1125	1122	92.03	7.5	3.6	3.92	8.42	0	0	-4751	1	0	0	1	1	0	0.000	0
1126	1123	92.11	7.63	3.6	3.74	8.12	0	0	-5313	1	0	0	1	1	0	0.000	0
1127	1124	92.19	7.73	3.6	3.59	7.82	0	0	-5795	1	0	0	1	1	0	0.000	0
1128	1125	92.27	7.74	3.6	3.45	7.61	0	0	-5927	1	0	0	1	1	0	0.000	0
1129	1126	92.35	7.71	3.6	3.37	7.42	0	0	-5856	1	0	0	1	1	0	0.000	0
1130	1127	92.44	7.51	3.6	3.31	7.31	0	0	-5124	1	0	0	1	1	0	0.000	0
1131	1128	92.52	7.19	3.6	3.32	7.3	0	0	-4081	1	0	0	1	1	0	0.000	0
1132	1129	92.6	6.81	3.6	3.37	7.39	0	0	-3089	1	0	0	1	1	0	0.000	0
1133	1130	92.68	6.65	3.6	3.43	7.49	0	0	-2732	1	0	0	1	1	0	0.000	0
1134	1131	92.76	6.53	3.6	3.5	7.56	0	0	-2483	1	0	0	1	1	0	0.000	0
1135	1132	92.85	6.44	3.6	3.56	7.61	0	0	-2309	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1136	1133	92.93	6.34	3.5	3.62	7.76	0	0	-2131	1	0	0	1	1	0	0.000	0
1137	1134	93.01	6.22	3.5	3.69	7.88	0	0	-1934	1	0	0	1	1	0	0.000	0
1138	1135	93.09	6.2	3.5	3.74	7.98	0	0	-1895	1	0	0	1	1	0	0.000	0
1139	1136	93.17	6.26	3.5	3.78	8.01	0	0	-1972	1	0	0	1	1	0	0.000	0
1140	1137	93.26	6.38	3.5	3.81	8.14	0	0	-2147	1	0	0	1	1	0	0.000	0
1141	1138	93.34	6.46	3.5	3.83	8.19	0	0	-2273	1	0	0	1	1	0	0.000	0
1142	1139	93.42	6.4	3.5	3.79	8.11	0	0	-2184	1	0	0	1	1	0	0.000	0
1143	1140	93.5	6.32	3.5	3.69	8.03	0	0	-2083	1	0	0	1	1	0	0.000	0
1144	1141	93.58	6.27	3.6	3.57	7.81	0	0	-2034	1	0	0	1	1	0	0.000	0
1145	1142	93.67	6.35	3.6	3.45	7.52	0	0	-2187	1	0	0	1	1	0	0.000	0
1146	1143	93.75	6.38	3.6	3.39	7.36	0	0	-2251	1	0	0	1	1	0	0.000	0
1147	1144	93.83	6.29	3.6	3.42	7.42	0	0	-2099	1	0	0	1	1	0	0.000	0
1148	1145	93.91	6.14	3.6	3.48	7.53	0	0	-1866	1	0	0	1	1	0	0.000	0
1149	1146	93.99	6.11	3.5	3.56	7.58	0	0	-1808	1	0	0	1	1	0	0.000	0
1150	1147	94.08	6.12	3.5	3.63	7.73	0	0	-1807	1	0	0	1	1	0	0.000	0
1151	1148	94.16	6.06	3.5	3.73	7.89	0	0	-1709	1	0	0	1	1	0	0.000	0
1152	1149	94.24	5.91	3.5	3.8	8.07	0	0	-1515	1	0	0	1	1	0	0.000	0
1153	1150	94.32	5.85	3.5	3.8	8.21	0	0	-1448	1	0	0	1	1	0	0.000	0
1154	1151	94.41	5.93	3.5	3.7	7.97	0	0	-1555	1	0	0	1	1	0	0.000	0
1155	1152	94.49	6.06	3.5	3.59	7.84	0	0	-1736	1	0	0	1	1	0	0.000	0
1156	1153	94.57	5.97	3.5	3.61	7.8	0	0	-1619	1	0	0	1	1	0	0.000	0
1157	1154	94.65	5.83	3.5	3.63	7.93	0	0	-1454	1	0	0	1	1	0	0.000	0
1158	1155	94.73	5.64	3.5	3.65	7.72	0	0	-1251	1	0	0	1	1	0	0.000	0
1159	1156	94.82	5.59	3.5	3.58	7.64	0	0	-1218	1	0	0	1	1	0	0.000	0
1160	1157	94.9	5.49	3.5	3.53	7.57	0	0	-1135	1	0	0	1	1	0	0.000	0
1161	1158	94.98	5.38	3.5	3.47	7.41	0	0	-1050	1	0	0	1	1	0	0.000	0
1162	1159	95.06	5.22	3.5	3.42	7.26	0	0	-933	1	0	0	1	1	0	0.000	0
1163	1160	95.14	5.11	3.5	3.41	7.25	0	0	-857	1	0	0	1	1	0	0.000	0
1164	1161	95.23	5.06	3.5	3.42	7.29	0	0	-823	1	0	0	1	1	0	0.000	0
1165	1162	95.31	5.11	3.5	3.43	7.25	0	0	-855	1	0	0	1	1	0	0.000	0
1166	1163	95.39	5.22	3.5	3.38	7.2	0	0	-937	1	0	0	1	1	0	0.000	0
1167	1164	95.47	5.28	3.5	3.3	7.08	0	0	-990	1	0	0	1	1	0	0.000	0
1168	1165	95.55	5.26	3.5	3.22	6.94	0	0	-983	1	0	0	1	1	0	0.000	0
1169	1166	95.64	5.19	3.5	3.2	6.9	0	0	-933	1	0	0	1	1	0	0.000	0
1170	1167	95.72	5.11	3.5	3.2	6.92	0	0	-877	1	0	0	1	1	0	0.000	0
1171	1168	95.8	5.1	3.5	3.2	6.94	0	0	-870	1	0	0	1	1	0	0.000	0
1172	1169	95.88	5.05	3.5	3.19	6.95	0	0	-838	1	0	0	1	1	0	0.000	0
1173	1170	95.96	4.96	3.5	3.21	6.96	0	0	-779	1	0	0	1	1	0	0.000	0
1174	1171	96.05	5.03	3.5	3.25	7.06	0	0	-819	1	0	0	1	1	0	0.000	0
1175	1172	96.13	5.34	3.5	3.33	7.13	0	0	-1034	1	0	0	1	1	0	0.000	0
1176	1173	96.21	5.73	3.5	3.41	7.22	0	0	-1381	1	0	0	1	1	0	0.000	0
1177	1174	96.29	5.94	3.5	3.55	7.39	0	0	-1594	1	0	0	1	1	0	0.000	0
1178	1175	96.37	5.9	3.5	3.71	7.85	0	0	-1519	1	0	0	1	1	0	0.000	0
1179	1176	96.46	5.71	3.5	3.84	8.13	0	0	-1296	1	0	0	1	1	0	0.000	0
1180	1177	96.54	5.26	3.5	3.97	8.19	0	0	-904	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1181	1178	96.62	4.81	3.4	4.08	8.53	0	0	-627	1	0	0	1	1	0	0.000	0
1182	1179	96.7	4.54	3.4	4.12	8.5	0	0	-503	1	0	0	1	1	0	0.000	0
1183	1180	96.78	4.55	3.4	4.02	8.26	0	0	-513	1	0	0	1	1	0	0.000	0
1184	1181	96.87	4.93	3.5	3.92	7.95	0	0	-702	1	0	0	1	1	0	0.000	0
1185	1182	96.95	5.53	3.5	3.9	7.95	0	0	-1122	1	0	0	1	1	0	0.000	0
1186	1183	97.03	6.14	3.5	4.07	8.11	0	0	-1744	1	0	0	1	1	0	0.000	0
1187	1184	97.11	6.42	3.5	4.31	8.75	0	0	-2084	1	0	0	1	1	0	0.000	0
1188	1185	97.19	6.22	3.5	4.5	9.33	0	0	-1756	1	0	0	1	1	0	0.000	0
1189	1186	97.28	5.61	3.4	4.52	9.47	0	0	-1107	1	0	0	1	1	0	0.000	0
1190	1187	97.36	4.97	3.4	4.33	9.26	0	0	-690	1	0	0	1	1	0	0.000	0
1191	1188	97.44	4.7	3.4	4.02	8.62	0	0	-579	1	0	0	1	1	0	0.000	0
1192	1189	97.52	5.59	3.5	3.7	7.88	0	0	-1202	1	0	0	1	1	0	0.000	0
1193	1190	97.6	7.31	3.6	3.52	7.44	0	0	-4348	1	0	0	1	1	0	0.000	0
1194	1191	97.69	9.54	3.7	3.58	7.36	0	0	-19586	1	0	0	1	1	0	0.000	0
1195	1192	97.77	10.97	3.7	3.91	7.87	0	0	-46539	1	0	0	1	1	0	0.000	0
1196	1193	97.85	11.19	3.6	4.54	8.82	0	0	-49349	1	0	0	1	1	0	0.000	0
1197	1194	97.93	9.69	3.5	5.79	10.4	0	0	-16234	1	0	0	1	1	0	0.000	0
1198	1195	98.01	8.79	3.4	6.76	15.29	0	0	-7693	1	0	0	1	1	0	0.000	0
1199	1196	98.1	8.25	3.4	7.38	14.75	0	0	-4766	1	0	0	1	1	0	0.000	0
1200	1197	98.18	8.66	3.4	7.33	14.58	0	0	-6352	1	0	0	1	1	0	0.000	0
1201	1198	98.26	9	3.4	7.53	14.73	0	0	-7660	1	0	0	1	1	0	0.000	0
1202	1199	98.34	9.14	3.4	8.06	15.62	0	0	-7506	1	0	0	1	1	0	0.000	0
1203	1200	98.42	8.67	3.3	8.99	17.21	0	0	-434	1	0	0	1	1	0	0.000	0
1204	1201	98.51	7.43	3.2	10.56	19.75	0	0	-1022	1	0	0	1	1	0	0.000	0
1205	1202	98.59	6.01	3.1	12.37	24.6	0	0	24	1	0	0	1	1	0	0.000	0
1206	1203	98.67	4.87	3.0	13.43	27.8	0	0	73	1	0	0	1	1	0	0.000	0
1207	1204	98.75	4.67	3.0	12.44	26.07	0	0	-4	1	0	0	1	1	0	0.000	0
1208	1205	98.83	5.52	3.2	10.05	19.16	0	0	-317	1	0	0	1	1	0	0.000	0
1209	1206	98.92	7.5	3.3	7.49	14.59	0	0	-2774	1	0	0	1	1	0	0.000	0
1210	1207	99	9.18	3.5	5.76	12.1	0	0	-11698	1	0	0	1	1	0	0.000	0
1211	1208	99.08	9.71	3.6	4.96	10.02	0	0	-18479	1	0	0	1	1	0	0.000	0
1212	1209	99.16	8.79	3.5	4.9	10.28	0	0	-10186	1	0	0	1	1	0	0.000	0
1213	1210	99.24	7.52	3.5	5.26	11.25	0	0	-4065	1	0	0	1	1	0	0.000	0
1214	1211	99.33	6.25	3.4	5.37	11.31	0	0	-1600	1	0	0	1	1	0	0.000	0
1215	1212	99.41	5.35	3.4	5.07	10.83	0	0	-844	1	0	0	1	1	0	0.000	0
1216	1213	99.49	4.92	3.4	4.47	10.05	0	0	-652	1	0	0	1	1	0	0.000	0
1217	1214	99.57	4.88	3.5	3.86	8.6	0	0	-680	1	0	0	1	1	0	0.000	0
1218	1215	99.65	5.34	3.5	3.26	7.45	0	0	-1042	1	0	0	1	1	0	0.000	0
1219	1216	99.74	5.61	3.6	2.83	6.84	0	0	-1341	1	0	0	1	1	0	0.000	0
1220	1217	99.82	5.55	3.6	2.61	6.1	0	0	-1310	1	0	0	1	1	0	0.000	0
1221	1218	99.9	5.14	3.6	2.6	6.08	0	0	-955	1	0	0	1	1	0	0.000	0
1222	1219	99.98	4.56	3.6	2.9	6.4	0	0	-586	1	0	0	1	1	0	0.000	0
1223	1220	100.06	4.15	3.5	3.21	7.13	0	0	-407	1	0	0	1	1	0	0.000	0
1224	1221	100.15	3.94	3.5	3.4	7.46	0	0	-336	1	0	0	1	1	0	0.000	0
1225	1222	100.23	3.83	3.5	3.4	7.28	0	0	-306	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1226	1223	100.31	3.59	3.4	3.34	7.17	0	0	-252	1	0	0	1	1	0	0.000	0
1227	1224	100.39	3.32	3.4	3.31	7.02	0	0	-202	1	0	0	1	1	0	0.000	0
1228	1225	100.47	3.23	3.4	3.3	7	0	0	-187	1	0	0	1	1	0	0.000	0
1229	1226	100.56	3.42	3.4	3.28	6.94	0	0	-220	1	0	0	1	1	0	0.000	0
1230	1227	100.64	3.56	3.5	3.19	6.81	0	0	-250	1	0	0	1	1	0	0.000	0
1231	1228	100.72	3.92	3.5	3.19	6.71	0	0	-338	1	0	0	1	1	0	0.000	0
1232	1229	100.8	4.54	3.5	3.22	6.84	0	0	-557	1	0	0	1	1	0	0.000	0
1233	1230	100.88	6.24	3.6	3.49	6.86	0	0	-2007	1	0	0	1	1	0	0.000	0
1234	1231	100.97	6.27	3.5	4.42	7.59	0	0	-1841	1	0	0	1	1	0	0.000	0
1235	1232	101.05	5.93	3.4	5.94	11.42	0	0	-1159	1	0	0	1	1	0	0.000	0
1236	1233	101.13	5.81	3.3	7.08	14.93	0	0	-875	1	0	0	1	1	0	0.000	0
1237	1234	101.21	6.96	3.3	6.99	14.37	0	0	-2078	1	0	0	1	1	0	0.000	0
1238	1235	101.29	8.43	3.4	6.28	11.9	0	0	-6544	1	0	0	1	1	0	0.000	0
1239	1236	101.38	9.6	3.5	5.49	11.89	0	0	-16002	1	0	0	1	1	0	0.000	0
1240	1237	101.46	9.7	3.5	4.97	10.51	0	0	-18336	1	0	0	1	1	0	0.000	0
1241	1238	101.54	9.45	3.6	4.29	9.11	0	0	-17003	1	0	0	1	1	0	0.000	0
1242	1239	101.62	8.57	3.6	3.75	8.22	0	0	-10119	1	0	0	1	1	0	0.000	0
1243	1240	101.7	7.4	3.6	3.36	7.43	0	0	-4716	1	0	0	1	1	0	0.000	0
1244	1241	101.79	6.38	3.6	3.09	6.87	0	0	-2325	1	0	0	1	1	0	0.000	0
1245	1242	101.87	5.46	3.6	2.95	6.53	0	0	-1181	1	0	0	1	1	0	0.000	0
1246	1243	101.95	4.8	3.6	2.92	6.39	0	0	-708	1	0	0	1	1	0	0.000	0
1247	1244	102.03	4.42	3.5	3.02	6.41	0	0	-517	1	0	0	1	1	0	0.000	0
1248	1245	102.11	4.29	3.5	3.2	6.73	0	0	-457	1	0	0	1	1	0	0.000	0
1249	1246	102.2	4.37	3.5	3.4	7.13	0	0	-477	1	0	0	1	1	0	0.000	0
1250	1247	102.28	4.7	3.5	3.5	7.36	0	0	-514	1	0	0	1	1	0	0.000	0
1251	1248	102.36	5.25	3.5	3.61	7.39	0	0	-935	1	0	0	1	1	0	0.000	0
1252	1249	102.44	5.72	3.5	3.66	7.83	0	0	-1333	1	0	0	1	1	0	0.000	0
1253	1250	102.53	5.78	3.5	3.83	7.96	0	0	-1368	1	0	0	1	1	0	0.000	0
1254	1251	102.61	5.58	3.5	4.04	8.38	0	0	-1147	1	0	0	1	1	0	0.000	0
1255	1252	102.69	5.35	3.4	4.36	8.97	0	0	-925	1	0	0	1	1	0	0.000	0
1256	1253	102.77	5.23	3.4	4.56	9.36	0	0	-822	1	0	0	1	1	0	0.000	0
1257	1254	102.85	5.13	3.4	4.56	9.34	0	0	-760	1	0	0	1	1	0	0.000	0
1258	1255	102.94	5	3.4	4.43	9.04	0	0	-698	1	0	0	1	1	0	0.000	0
1259	1256	103.02	4.93	3.4	4.29	8.79	0	0	-672	1	0	0	1	1	0	0.000	0
1260	1257	103.1	4.91	3.4	4.19	8.53	0	0	-670	1	0	0	1	1	0	0.000	0
1261	1258	103.18	4.85	3.4	4.12	8.4	0	0	-644	1	0	0	1	1	0	0.000	0
1262	1259	103.26	4.73	3.4	4.07	8.31	0	0	-589	1	0	0	1	1	0	0.000	0
1263	1260	103.35	4.5	3.4	4.03	8.22	0	0	-493	1	0	0	1	1	0	0.000	0
1264	1261	103.43	4.41	3.4	4.01	8.2	0	0	-459	1	0	0	1	1	0	0.000	0
1265	1262	103.51	4.48	3.4	3.99	8.17	0	0	-487	1	0	0	1	1	0	0.000	0
1266	1263	103.59	4.78	3.4	3.95	8.02	0	0	-622	1	0	0	1	1	0	0.000	0
1267	1264	103.67	5.26	3.5	3.93	7.94	0	0	-908	1	0	0	1	1	0	0.000	0
1268	1265	103.76	5.71	3.5	4.1	8.04	0	0	-1257	1	0	0	1	1	0	0.000	0
1269	1266	103.84	6.02	3.5	4.5	8.72	0	0	-1513	1	0	0	1	1	0	0.000	0
1270	1267	103.92	5.93	3.4	5.12	9.89	0	0	-1304	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1271	1268	104	5.9	3.4	5.8	11.2	0	0	-1158	1	0	0	1	1	0	0.000	0
1272	1269	104.08	6.01	3.3	6.25	12.56	0	0	-1173	1	0	0	1	1	0	0.000	0
1273	1270	104.17	6.67	3.4	6.52	12.86	0	0	-1828	1	0	0	1	1	0	0.000	0
1274	1271	104.25	7.62	3.4	6.67	13.2	0	0	-3512	1	0	0	1	1	0	0.000	0
1275	1272	104.33	7.88	3.4	6.77	13.61	0	0	-4136	1	0	0	1	1	0	0.000	0
1276	1273	104.41	7.63	3.4	6.7	13.49	0	0	-3518	1	0	0	1	1	0	0.000	0
1277	1274	104.49	6.85	3.4	6.5	13.09	0	0	-2090	1	0	0	1	1	0	0.000	0
1278	1275	104.58	6.52	3.4	6.17	12.85	0	0	-1734	1	0	0	1	1	0	0.000	0
1279	1276	104.66	6.52	3.4	5.52	12.43	0	0	-1912	1	0	0	1	1	0	0.000	0
1280	1277	104.74	6.64	3.5	4.75	10.07	0	0	-2318	1	0	0	1	1	0	0.000	0
1281	1278	104.82	6.64	3.5	3.97	9	0	0	-2551	1	0	0	1	1	0	0.000	0
1282	1279	104.9	6.17	3.6	3.54	7.92	0	0	-1895	1	0	0	1	1	0	0.000	0
1283	1280	104.99	5.72	3.6	3.26	7.24	0	0	-1393	1	0	0	1	1	0	0.000	0
1284	1281	105.07	5.55	3.6	3.17	7.01	0	0	-1236	1	0	0	1	1	0	0.000	0
1285	1282	105.15	5.4	3.6	3.17	7.02	0	0	-1101	1	0	0	1	1	0	0.000	0
1286	1283	105.23	5.24	3.6	3.16	7.01	0	0	-974	1	0	0	1	1	0	0.000	0
1287	1284	105.31	5.04	3.5	3.17	7.02	0	0	-833	1	0	0	1	1	0	0.000	0
1288	1285	105.4	4.96	3.5	3.16	7.05	0	0	-783	1	0	0	1	1	0	0.000	0
1289	1286	105.48	4.89	3.5	3.13	7.02	0	0	-743	1	0	0	1	1	0	0.000	0
1290	1287	105.56	4.73	3.5	3.11	6.86	0	0	-656	1	0	0	1	1	0	0.000	0
1291	1288	105.64	4.46	3.5	3.13	6.92	0	0	-528	1	0	0	1	1	0	0.000	0
1292	1289	105.72	4.21	3.5	3.23	7.01	0	0	-426	1	0	0	1	1	0	0.000	0
1293	1290	105.81	4.09	3.5	3.34	7.15	0	0	-38	1	0	0	1	1	0	0.000	0
1294	1291	105.89	4.07	3.5	3.47	7.32	0	0	-371	1	0	0	1	1	0	0.000	0
1295	1292	105.97	4.01	3.4	3.56	7.6	0	0	-349	1	0	0	1	1	0	0.000	0
1296	1293	106.05	4.02	3.4	3.66	7.62	0	0	-348	1	0	0	1	1	0	0.000	0
1297	1294	106.13	4.07	3.4	3.74	7.76	0	0	-359	1	0	0	1	1	0	0.000	0
1298	1295	106.22	4.16	3.4	3.92	7.89	0	0	-379	1	0	0	1	1	0	0.000	0
1299	1296	106.3	4.09	3.4	4.21	8.39	0	0	-346	1	0	0	1	1	0	0.000	0
1300	1297	106.38	4.08	3.4	4.56	9.09	0	0	-328	1	0	0	1	1	0	0.000	0
1301	1298	106.46	4.16	3.3	4.86	9.68	0	0	-337	1	0	0	1	1	0	0.000	0
1302	1299	106.54	4.47	3.3	5	9.97	0	0	-426	1	0	0	1	1	0	0.000	0
1303	1300	106.63	4.93	3.4	5.07	9.82	0	0	-608	1	0	0	1	1	0	0.000	0
1304	1301	106.71	5.83	3.4	5.19	9.98	0	0	-1198	1	0	0	1	1	0	0.000	0
1305	1302	106.79	6.87	3.4	5.43	10.52	0	0	-2498	1	0	0	1	1	0	0.000	0
1306	1303	106.87	7.76	3.5	5.54	11.39	0	0	-4622	1	0	0	1	1	0	0.000	0
1307	1304	106.95	9.1	3.5	5.24	11.64	0	0	-11954	1	0	0	1	1	0	0.000	0
1308	1305	107.04	11.06	3.6	4.71	10.37	0	0	-44604	1	0	0	1	1	0	0.000	0
1309	1306	107.12	13.3	3.7	4.28	9.64	0	0	-176318	1	0	0	1	1	0	0.000	0
1310	1307	107.2	14.33	3.7	4.24	9.26	0	0	-314707	1	0	0	1	1	0	0.000	0
1311	1308	107.28	13.77	3.7	4.58	9.75	0	0	-221333	1	0	0	1	1	0	0.000	0
1312	1309	107.36	12.53	3.6	5.1	11.17	0	0	-101969	1	0	0	1	1	0	0.000	0
1313	1310	107.45	11.25	3.6	5.35	12.43	0	0	-45979	1	0	0	1	1	0	0.000	0
1314	1311	107.53	10.27	3.6	5.13	11.55	0	0	-25816	1	0	0	1	1	0	0.000	0
1315	1312	107.61	9.43	3.6	4.58	10.3	0	0	-16190	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1316	1313	107.69	8.6	3.6	4.1	9.25	0	0	-9912	1	0	0	1	1	0	0.000	0
1317	1314	107.77	7.42	3.5	4.07	8.63	0	0	-4412	1	0	0	1	1	0	0.000	0
1318	1315	107.86	6.45	3.5	4.29	9.31	0	0	-2136	1	0	0	1	1	0	0.000	0
1319	1316	107.94	5.81	3.4	4.53	9.69	0	0	-1287	1	0	0	1	1	0	0.000	0
1320	1317	108.02	5.49	3.4	4.39	9.26	0	0	-1026	1	0	0	1	1	0	0.000	0
1321	1318	108.1	5.54	3.5	4.17	8.73	0	0	-1095	1	0	0	1	1	0	0.000	0
1322	1319	108.18	5.65	3.5	4.13	8.57	0	0	-1197	1	0	0	1	1	0	0.000	0
1323	1320	108.27	5.57	3.4	4.42	8.95	0	0	-1087	1	0	0	1	1	0	0.000	0
1324	1321	108.35	5.91	3.4	4.72	9.93	0	0	-1354	1	0	0	1	1	0	0.000	0
1325	1322	108.43	6.84	3.4	5.11	10.35	0	0	-2555	1	0	0	1	1	0	0.000	0
1326	1323	108.51	7.97	3.4	6	11.29	0	0	-4993	1	0	0	1	1	0	0.000	0
1327	1324	108.59	7.96	3.4	7.34	14.83	0	0	-3937	1	0	0	1	1	0	0.000	0
1328	1325	108.68	7.76	3.3	8.63	18.27	0	0	-2570	1	0	0	1	1	0	0.000	0
1329	1326	108.76	7.69	3.3	9.39	19.4	0	0	-1967	1	0	0	1	1	0	0.000	0
1330	1327	108.84	7.45	3.2	10.66	20.32	0	0	-984	1	0	0	1	1	0	0.000	0
1331	1328	108.92	7.27	3.2	12.43	24.96	0	0	-33	1	0	0	1	1	0	0.000	0
1332	1329	109	7.04	3.1	14.56	29.82	0	0	823	1	0	0	0	1	0	0.000	0
1333	1330	109.09	7.48	3.1	15.53	33.31	0	0	1654	1	0	0	0	1	0	0.000	0
1334	1331	109.17	8.2	3.1	15.19	31.95	0	0	2420	1	0	0	0	1	0	0.000	0
1335	1332	109.25	9.39	3.2	13.74	27.83	0	0	2470	1	0	0	0	1	0	0.000	0
1336	1333	109.33	10.07	3.2	12.83	24.49	0	0	1918	1	0	0	0	1	0	0.000	0
1337	1334	109.41	9.11	3.2	13.73	26.28	0	0	2039	1	0	0	0	1	0	0.000	0
1338	1335	109.5	7.39	3.1	16.21	32.22	0	0	190	1	0	0	0	1	0	0.000	0
1339	1336	109.58	6.08	3.0	19.19	39.75	0	0	1323	1	0	0	0	1	0	0.000	0
1340	1337	109.66	5.87	2.9	21.03	45.44	0	0	141	1	0	0	0	1	0	0.000	0
1341	1338	109.74	6.15	2.9	21.34	45.5	0	0	1842	1	0	0	0	1	0	0.000	0
1342	1339	109.82	6.58	3.0	20.72	42.13	0	0	2353	1	0	0	0	1	0	0.000	0
1343	1340	109.91	6.49	3.0	20.4	41.39	0	0	2117	1	0	0	0	1	0	0.000	0
1344	1341	109.99	5.82	2.9	21.08	43.43	0	0	1396	1	0	0	0	1	0	0.000	0
1345	1342	110.07	4.93	2.9	21.73	46.64	0	0	756	1	0	0	0	1	0	0.000	0
1346	1343	110.15	4.13	2.8	20.97	45.66	0	0	365	1	0	0	0	1	0	0.000	0
1347	1344	110.23	2.68	2.7	18.95	38.21	0	0	81	1	0	1	0	1	0	0.000	0
1348	1345	110.32	1.41	2.7	15.41	33.28	0	0	12	1	0	1	1	1	0	0.000	0
1349	1346	110.4	0	4.1	11.71	23.33	0	0	-1	1	0	1	1	1	0	0.000	0
1350	1347	110.48	0	4.1	8.17	15.99	0	0	-4	1	0	1	1	1	0	0.000	0
1351	1348	110.56	0	4.1	6.31	12.73	0	0	-6	1	0	1	1	1	0	0.000	0

DRAFT

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Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

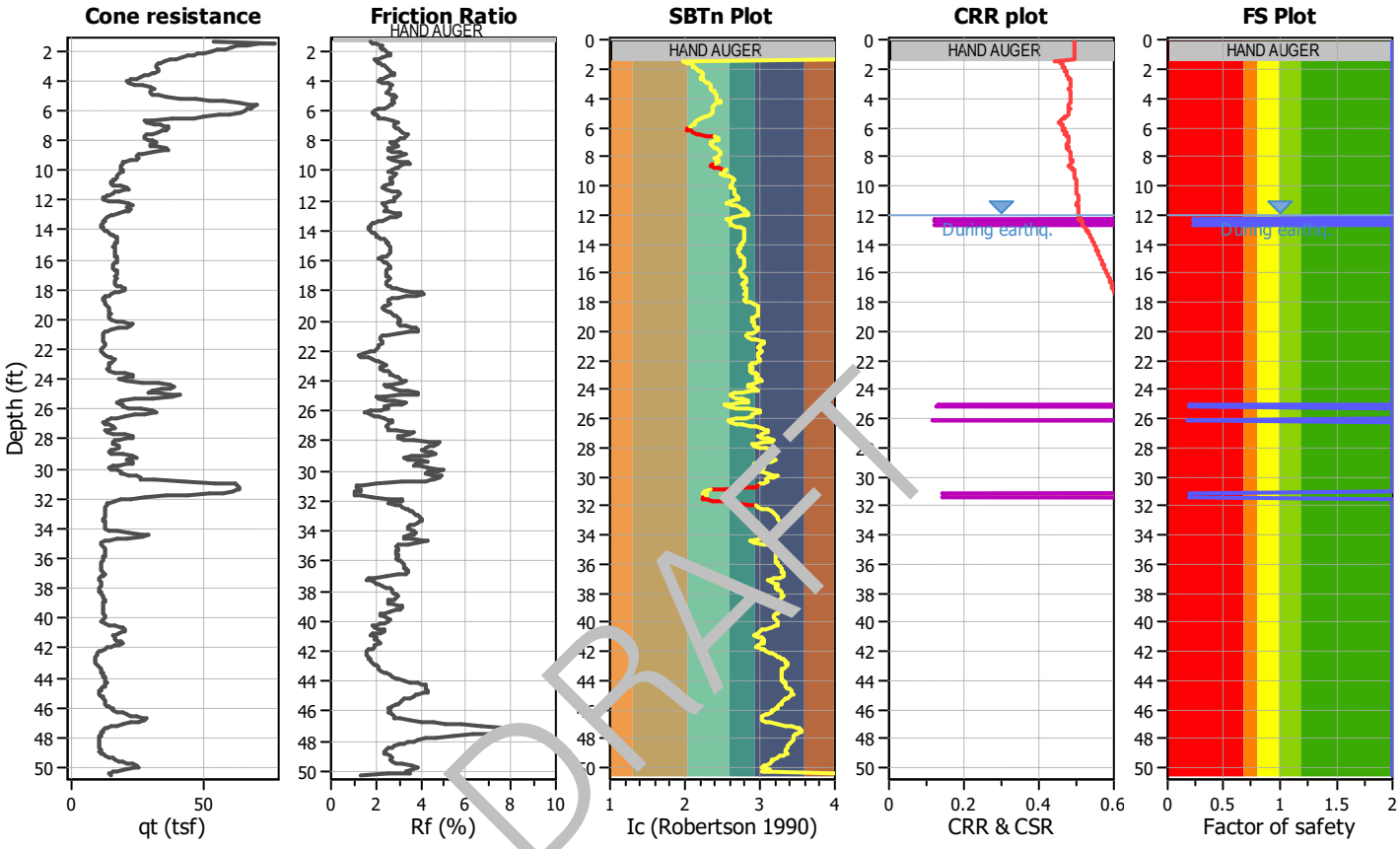
LIQUEFACTION ANALYSIS REPORT

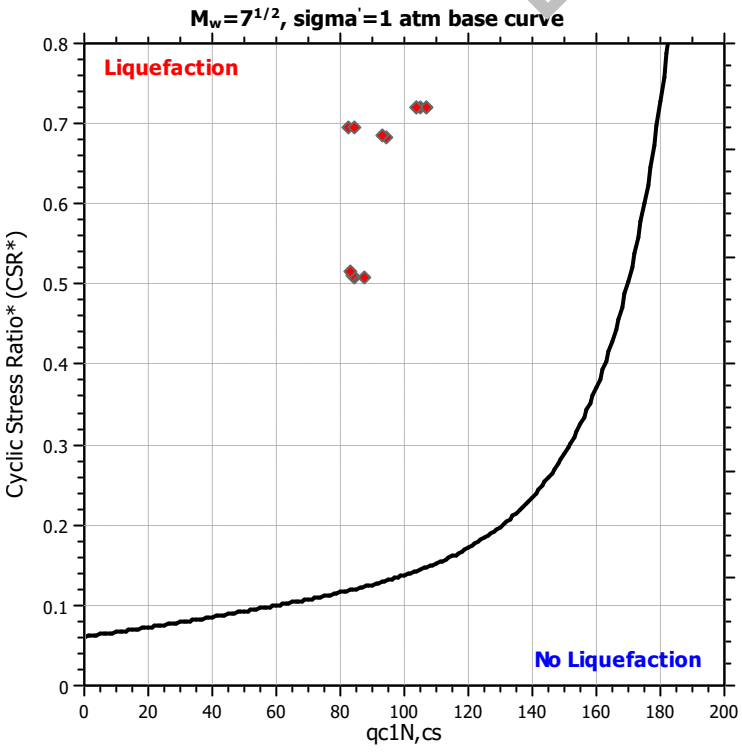
Project title : **Location :**

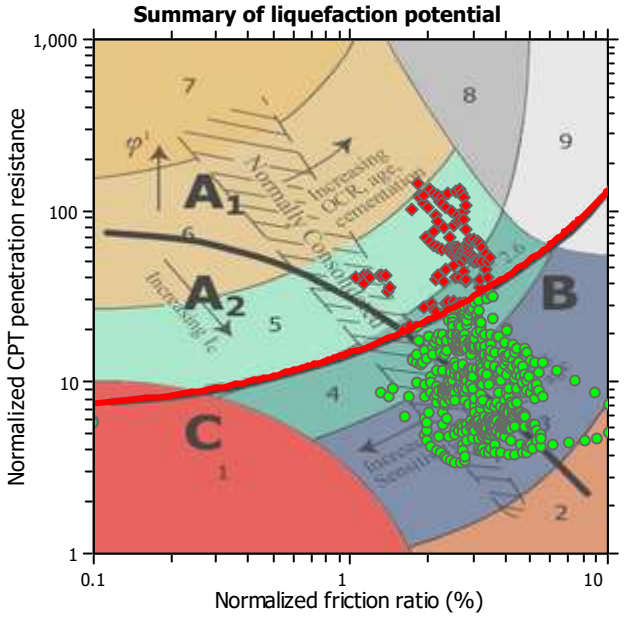
CPT file : CPT-4

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

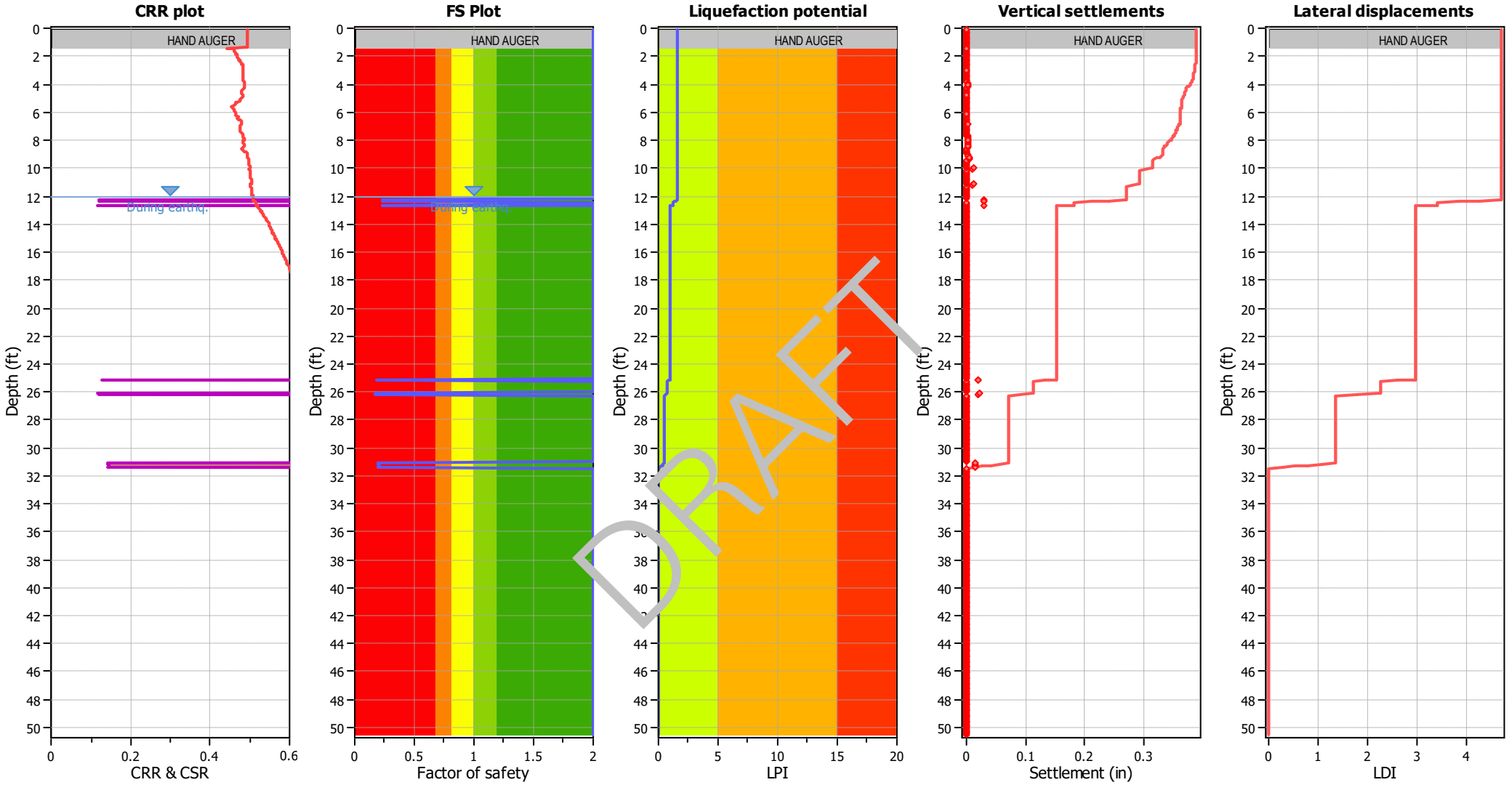






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-4, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.250	0
20	17	1.39	1.73	2.1	100.46	132.52	0	0	171	1	1	1	0	1	0	0.250	0
21	18	1.48	1.83	2.0	144.63	123.35	0	0	777	1	1	1	0	1	0	0.250	0
22	19	1.56	2.01	2.0	133.28	112.39	0	0	837	1	1	1	0	1	0	0.250	0
23	20	1.64	2.16	2.1	124.25	103.71	0	0	887	1	1	1	0	1	0	0.250	0
24	21	1.72	2.24	2.1	118.35	100.46	0	0	903	1	1	1	0	1	0	0.250	0
25	22	1.8	2.24	2.1	113.72	97.48	0	0	864	1	1	1	0	1	0	0.250	0
26	23	1.89	2.28	2.1	108.96	92.09	0	0	853	1	1	1	0	1	0	0.250	0
27	24	1.97	2.34	2.2	103.74	88.49	0	0	851	1	1	1	0	1	0	0.250	0
28	25	2.05	2.48	2.2	98.97	84.31	0	0	914	1	1	1	0	1	0	0.250	0
29	26	2.13	2.59	2.2	94.17	80	0	0	952	1	1	1	0	1	0	0.250	0
30	27	2.21	2.64	2.2	89.97	76.32	0	0	943	1	1	1	0	1	0	0.250	0
31	28	2.3	2.61	2.2	86.26	73.64	0	0	875	1	1	1	0	1	0	0.250	0
32	29	2.38	2.54	2.3	82.96	70.6	0	0	786	1	1	1	0	1	0	0.250	0
33	30	2.46	2.31	2.2	79.12	67.93	0	0	605	1	1	1	0	1	0	0.250	0
34	31	2.54	2.12	2.2	74.79	63.88	0	0	477	1	1	1	0	1	0	0.250	0
35	32	2.62	1.96	2.2	70.24	59.61	0	0	382	1	1	1	0	1	0	0.250	0
36	33	2.71	2.03	2.3	66.38	56.39	0	0	380	1	1	1	0	1	0	0.250	0
37	34	2.79	2.09	2.3	63.53	54.11	0	0	380	1	1	1	0	1	0	0.250	0
38	35	2.87	2.17	2.3	61.21	52.35	0	0	390	1	1	1	0	1	0	0.250	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.27	2.3	59.94	50.45	0	0	416	1	1	1	0	1	0	0.250	0
40	37	3.03	2.39	2.3	59.51	50.83	0	0	459	1	1	1	0	1	0	0.250	0
41	38	3.12	2.49	2.3	60.2	51.29	0	0	509	1	1	1	0	1	0	0.250	0
42	39	3.2	2.52	2.3	61.19	52.19	0	0	533	1	1	1	0	1	0	0.250	0
43	40	3.28	2.55	2.3	61.69	53.35	0	0	553	1	1	1	0	1	0	0.250	0
44	41	3.36	2.62	2.4	61.14	52.6	0	0	582	1	1	1	0	1	0	0.250	0
45	42	3.44	2.75	2.4	59.27	50.83	0	0	627	1	1	1	0	1	0	0.250	0
46	43	3.53	2.83	2.4	56.8	48.63	0	0	637	1	1	1	0	1	0	0.250	0
47	44	3.61	2.81	2.4	54.22	46.37	0	0	590	1	1	1	0	1	0	0.250	0
48	45	3.69	2.68	2.4	51.58	44.32	0	0	493	1	1	1	0	1	0	0.250	0
49	46	3.77	2.51	2.4	48.46	41.94	0	0	390	1	1	1	0	1	0	0.250	0
50	47	3.85	2.32	2.4	45.28	38.46	0	0	300	1	1	1	0	1	0	0.250	0
51	48	3.94	2.17	2.4	42.13	36.23	0	0	237	1	1	1	0	1	0	0.250	0
52	49	4.02	2.13	2.4	39.86	33.94	0	0	211	1	1	1	0	1	0	0.250	0
53	50	4.1	2.29	2.5	39.16	32.67	0	0	238	1	1	1	0	1	0	0.250	0
54	51	4.18	2.54	2.5	40.31	34.46	0	0	310	1	1	1	0	1	0	0.250	0
55	52	4.26	2.74	2.5	44.27	36.87	0	0	422	1	1	1	0	1	0	0.250	0
56	53	4.35	2.69	2.4	50.21	42.78	0	0	[illegible]	1	1	1	0	1	0	0.250	0
57	54	4.43	2.67	2.4	55.53	49.63	0	0	[illegible]	1	1	1	0	1	0	0.250	0
58	55	4.51	2.62	2.4	58.02	50.47	0	0	[illegible]	1	1	1	0	1	0	0.250	0
59	56	4.59	2.61	2.4	57.77	49.17	0	0	[illegible]	1	1	1	0	1	0	0.250	0
60	57	4.68	2.55	2.4	56.26	49	0	0	[illegible]	1	1	1	0	1	0	0.250	0
61	58	4.76	2.5	2.4	55.39	46.65	0	0	462	1	1	1	0	1	0	0.250	0
62	59	4.84	2.56	2.4	55.71	46.97	0	0	490	1	1	1	0	1	0	0.250	0
63	60	4.92	2.68	2.4	57.26	49.82	0	0	565	1	1	1	0	1	0	0.250	0
64	61	5	2.81	2.4	61	50.63	0	0	686	1	1	1	0	1	0	0.250	0
65	62	5.09	2.9	2.4	66.49	56.55	0	0	825	1	1	1	0	1	0	0.250	0
66	63	5.17	2.79	2.3	76.93	63.85	0	0	895	1	1	1	0	1	0	0.250	0
67	64	5.25	2.75	2.3	88.02	76.23	0	0	1013	1	1	1	0	1	0	0.250	0
68	65	5.33	2.74	2.2	97.95	82.22	0	0	1136	1	1	1	0	1	0	0.250	0
69	66	5.41	2.79	2.2	107.19	85.44	0	0	1315	1	1	1	0	1	0	0.250	0
70	67	5.5	2.76	2.2	118.53	94.15	0	0	1435	1	1	1	0	1	0	0.250	0
71	68	5.58	2.7	2.1	126.45	103.69	0	0	1463	1	1	1	0	1	0	0.250	0
72	69	5.66	2.64	2.1	131.57	100.16	0	0	1450	1	1	1	0	1	0	0.250	0
73	70	5.74	2.57	2.1	128.59	103.09	0	0	1329	1	1	1	0	1	0	0.250	0
74	71	5.82	2.36	2.1	127.16	97.2	0	0	1089	1	1	1	0	1	0	0.250	0
75	72	5.91	2.12	2.1	124.87	96.91	0	0	860	1	1	1	0	1	0	0.250	0
76	73	5.99	1.93	2.0	123.58	98.71	0	0	715	1	1	1	0	1	0	0.250	0
77	74	6.07	1.85	2.0	121.65	94.57	0	0	653	1	1	1	0	1	0	0.250	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	1.85	2.0	118.66	93.7	0	0	635	1	1	1	0	1	0	0.250	0
79	76	6.23	1.93	2.1	111.06	92.27	0	0	635	1	1	1	0	1	0	0.250	0
80	77	6.32	2	2.1	104.84	76.09	0	0	634	1	1	1	0	1	0	0.250	0
81	78	6.4	2.12	2.2	93.81	78.22	0	0	623	1	1	1	0	1	0	0.250	0
82	79	6.48	2.16	2.2	85.88	67.5	0	0	583	1	1	1	0	1	0	0.250	0
83	80	6.56	2.43	2.3	70.49	57.69	0	0	586	1	1	1	0	1	0	0.250	0
84	81	6.64	2.76	2.4	57.41	44.45	0	0	608	1	1	1	0	1	0	0.250	0
85	82	6.73	3.04	2.5	51.15	38.1	0	0	667	1	1	0	0	1	0	0.250	0
86	83	6.81	2.99	2.4	52.7	43.21	0	0	664	1	1	1	0	1	0	0.250	0
87	84	6.89	2.84	2.4	58.19	47.1	0	0	663	1	1	1	0	1	0	0.250	0
88	85	6.97	2.84	2.4	61.92	49.39	0	0	717	1	1	1	0	1	0	0.250	0
89	86	7.05	2.84	2.4	65.26	50.57	0	0	766	1	1	1	0	1	0	0.250	0
90	87	7.14	2.92	2.4	67.39	53.43	0	0	854	1	1	1	0	1	0	0.250	0
91	88	7.22	3.03	2.4	67.59	53.06	0	0	943	1	1	0	0	1	0	0.250	0
92	89	7.3	3.13	2.4	66.43	50.26	0	0	1006	1	1	0	0	1	0	0.250	0
93	90	7.38	3.16	2.4	63.99	50.66	0	0	985	1	1	0	0	1	0	0.250	0
94	91	7.46	3.22	2.4	60.58	47.67	0	0	968	1	1	0	0	1	0	0.250	0
95	92	7.55	3.37	2.5	56.24	42.46	0	0	[illegible]	1	1	0	0	1	0	0.250	0
96	93	7.63	3.48	2.5	52.87	40.47	0	0	1[illegible]14	1	1	0	0	1	0	0.250	0
97	94	7.71	3.39	2.5	51.21	39.86	0	0	9[illegible]	1	1	0	0	1	0	0.250	0
98	95	7.79	3.26	2.5	50.31	39.22	0	0	78[illegible]	1	1	0	0	1	0	0.250	0
99	96	7.87	3.12	2.5	49.94	39.1	0	0	[illegible]92	1	1	0	0	1	0	0.250	0
100	97	7.96	3	2.5	50.81	39.75	0	0	639	1	1	0	0	1	0	0.250	0
101	98	8.04	2.81	2.4	52.73	41.96	0	0	569	1	1	1	0	1	0	0.250	0
102	99	8.12	2.69	2.4	54.62	44.67	0	0	536	1	1	1	0	1	0	0.250	0
103	100	8.2	2.8	2.4	53.38	45.25	0	0	573	1	1	1	0	1	0	0.250	0
104	101	8.28	2.98	2.4	51.46	38.99	0	0	638	1	1	1	0	1	0	0.250	0
105	102	8.37	3.01	2.5	50.61	39.74	0	0	641	1	1	0	0	1	0	0.250	0
106	103	8.45	2.76	2.4	53.95	43.33	0	0	561	1	1	1	0	1	0	0.250	0
107	104	8.53	2.55	2.4	58.27	48.18	0	0	515	1	1	1	0	1	0	0.250	0
108	105	8.61	2.58	2.4	59.51	51.51	0	0	543	1	1	1	0	1	0	0.250	0
109	106	8.69	2.79	2.4	56.61	46.75	0	0	613	1	1	1	0	1	0	0.250	0
110	107	8.78	3.09	2.5	50.41	40.58	0	0	683	1	1	0	0	1	0	0.250	0
111	108	8.86	3.35	2.5	44.89	35.68	0	0	729	1	1	0	0	1	0	0.250	0
112	109	8.94	3.39	2.6	41.33	32.84	0	0	671	1	1	0	0	1	0	0.250	0
113	110	9.02	3.18	2.5	40.25	31.99	0	0	540	1	1	0	0	1	0	0.250	0
114	111	9.1	2.82	2.5	40.15	33.64	0	0	394	1	1	1	0	1	0	0.250	0
115	112	9.19	2.64	2.5	40.73	33.7	0	0	344	1	1	1	0	1	0	0.250	0
116	113	9.27	2.79	2.5	38.68	34.23	0	0	364	1	1	1	0	1	0	0.250	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.17	2.6	35.84	28.41	0	0	450	1	1	0	0	1	0	0.250	0
118	115	9.43	3.51	2.6	32.43	26.06	0	0	513	1	0	0	0	1	0	0.250	0
119	116	9.51	3.57	2.7	30.83	25.4	0	0	497	1	0	0	0	1	0	0.250	0
120	117	9.6	3.39	2.7	30.29	24.52	0	0	414	1	0	0	0	1	0	0.250	0
121	118	9.68	3.19	2.6	29.75	25.07	0	0	339	1	0	0	0	1	0	0.250	0
122	119	9.76	3.05	2.6	29.1	24.48	0	0	289	1	0	0	0	1	0	0.250	0
123	120	9.84	2.96	2.6	28.57	23.28	0	0	259	1	0	1	0	1	0	0.250	0
124	121	9.92	2.8	2.6	28.45	24.04	0	0	224	1	0	1	0	1	0	0.250	0
125	122	10.01	2.65	2.6	29.13	24.61	0	0	204	1	1	1	0	1	0	0.250	0
126	123	10.09	2.68	2.6	29.03	25.34	0	0	209	1	0	1	0	1	0	0.250	0
127	124	10.17	2.89	2.6	28.23	23.84	0	0	238	1	0	1	0	1	0	0.250	0
128	125	10.25	3	2.7	26.69	22.32	0	0	237	1	0	0	0	1	0	0.250	0
129	126	10.33	2.95	2.7	25.79	21.43	0	0	212	1	0	1	0	1	0	0.250	0
130	127	10.42	2.8	2.7	25.27	21.8	0	0	179	1	0	1	0	1	0	0.250	0
131	128	10.5	2.76	2.7	24.82	21.34	0	0	167	1	0	1	0	1	0	0.250	0
132	129	10.58	2.76	2.7	23.99	20.42	0	0	155	1	0	1	0	1	0	0.250	0
133	130	10.66	2.8	2.7	23.17	19.76	0	0	150	1	0	1	0	1	0	0.250	0
134	131	10.74	2.85	2.7	22.34	19.29	0	0	144	1	0	1	0	1	0	0.250	0
135	132	10.83	2.85	2.7	21.47	18.35	0	0	131	1	0	1	0	1	0	0.250	0
136	133	10.91	2.72	2.7	20.93	17.6	0	0	120	1	0	1	0	1	0	0.250	0
137	134	10.99	2.51	2.7	22.04	18.08	0	0	104	1	0	1	0	1	0	0.250	0
138	135	11.07	2.33	2.6	25.5	21.53	0	0	120	1	0	1	0	1	0	0.250	0
139	136	11.15	2.33	2.6	28.95	27.01	0	0	152	1	1	1	0	1	0	0.250	0
140	137	11.24	2.52	2.6	29.61	27.57	0	0	187	1	1	1	0	1	0	0.250	0
141	138	11.32	2.8	2.6	27.56	23.49	0	0	211	1	0	1	0	1	0	0.250	0
142	139	11.4	3.1	2.7	24.54	21.66	0	0	219	1	0	0	0	1	0	0.250	0
143	140	11.48	3.17	2.7	22.57	19.57	0	0	194	1	0	0	0	1	0	0.250	0
144	141	11.56	3.22	2.8	20.8	18.33	0	0	167	1	0	0	0	1	0	0.250	0
145	142	11.65	3.14	2.8	19.37	17.03	0	0	129	1	0	0	0	1	0	0.250	0
146	143	11.73	3.05	2.8	17.98	15.89	0	0	95	1	0	0	0	1	0	0.250	0
147	144	11.81	2.98	2.8	16.7	14.85	0	0	69	1	0	1	1	1	0	0.250	0
148	145	11.89	3.03	2.8	15.75	13.86	0	0	56	1	0	0	1	1	0	0.250	0
149	146	11.97	2.98	2.8	15.93	13.51	0	0	56	1	0	1	1	1	0	0.250	0
150	147	12.06	2.77	2.8	18.18	15.42	0	0	78	1	0	1	1	1	0	0.250	0
151	148	12.14	2.44	2.7	22.84	19.95	0	0	105	1	0	1	0	1	0	0.250	0
152	149	12.22	2.36	2.6	27.7	26.29	0.03	0.44	144	1	1	1	0	1	0	0.250	0
153	150	12.3	2.4	2.6	29.73	28.87	0.03	0.41	170	1	1	1	0	1	0	0.220	0
154	151	12.38	2.58	2.6	28.4	25.77	0.03	0.44	184	1	1	1	0	1	0	0.190	0
155	152	12.47	2.57	2.6	26.82	22.77	0	0	164	1	0	1	0	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.55	2.6	26.5	24.78	0	0	157	1	0	1	0	1	0	0.160	0
157	154	12.63	2.47	2.6	27.59	25.04	0.03	0.45	158	1	1	1	0	1	0	0.160	0
158	155	12.71	2.65	2.6	26.66	25.8	0	0	174	1	0	1	0	1	0	0.130	0
159	156	12.8	2.9	2.7	24.72	22.17	0	0	187	1	0	1	0	1	0	0.130	0
160	157	12.88	3.18	2.7	21.85	19.66	0	0	182	1	0	0	0	1	0	0.130	0
161	158	12.96	3.22	2.8	19.52	17.95	0	0	141	1	0	0	0	1	0	0.130	0
162	159	13.04	3.06	2.8	17.86	15.89	0	0	94	1	0	0	0	1	0	0.130	0
163	160	13.12	2.8	2.8	16.57	15.21	0	0	57	1	0	1	1	1	0	0.130	0
164	161	13.21	2.57	2.8	15.79	14.55	0	0	38	1	0	1	1	1	0	0.130	0
165	162	13.29	2.39	2.8	15.22	13.87	0	0	27	1	0	1	1	1	0	0.130	0
166	163	13.37	2.24	2.8	14.72	13.73	0	0	19	1	0	1	1	1	0	0.130	0
167	164	13.45	2.11	2.8	14.23	13.29	0	0	13	1	0	1	1	1	0	0.130	0
168	165	13.53	1.98	2.8	13.56	12.68	0	0	7	1	0	1	1	1	0	0.130	0
169	166	13.62	1.93	2.8	12.96	12.04	0	0	3	1	0	1	1	1	0	0.130	0
170	167	13.7	1.88	2.8	12.67	11.7	0	0	1	1	0	1	1	1	0	0.130	0
171	168	13.78	1.83	2.8	12.75	11.9	0	0	1	1	0	1	1	1	0	0.130	0
172	169	13.86	1.77	2.8	13.12	12.22	0	0	3	1	0	1	1	1	0	0.130	0
173	170	13.94	1.76	2.8	13.63	12.69	0	0	6	1	0	1	1	1	0	0.130	0
174	171	14.03	1.84	2.8	14.22	13.32	0	0	10	1	0	1	1	1	0	0.130	0
175	172	14.11	1.95	2.8	14.96	13.88	0	0	16	1	0	1	1	1	0	0.130	0
176	173	14.19	2.09	2.8	15.73	14.84	0	0	24	1	0	1	1	1	0	0.130	0
177	174	14.27	2.14	2.7	16.73	15.54	0	0	33	1	0	1	1	1	0	0.130	0
178	175	14.35	2.16	2.7	17.66	16.74	0	0	41	1	0	1	1	1	0	0.130	0
179	176	14.44	2.22	2.7	18.55	17.54	0	0	51	1	0	1	1	1	0	0.130	0
180	177	14.52	2.32	2.7	18.9	18.14	0	0	59	1	0	1	1	1	0	0.130	0
181	178	14.6	2.45	2.7	18.94	17.92	0	0	66	1	0	1	1	1	0	0.130	0
182	179	14.68	2.54	2.7	18.87	17.84	0	0	71	1	0	1	1	1	0	0.130	0
183	180	14.76	2.6	2.7	18.9	18.08	0	0	75	1	0	1	1	1	0	0.130	0
184	181	14.85	2.66	2.8	18.74	18.07	0	0	77	1	0	1	1	1	0	0.130	0
185	182	14.93	2.69	2.8	18.09	17.44	0	0	71	1	0	1	1	1	0	0.130	0
186	183	15.01	2.75	2.8	17.38	16.36	0	0	65	1	0	1	1	1	0	0.130	0
187	184	15.09	2.78	2.8	17.02	16.19	0	0	62	1	0	1	1	1	0	0.130	0
188	185	15.17	2.81	2.8	17.2	16.47	0	0	66	1	0	1	1	1	0	0.130	0
189	186	15.26	2.82	2.8	17.48	16.86	0	0	71	1	0	1	1	1	0	0.130	0
190	187	15.34	2.8	2.8	17.45	17.08	0	0	69	1	0	1	1	1	0	0.130	0
191	188	15.42	2.8	2.8	17.33	16.54	0	0	68	1	0	1	1	1	0	0.130	0
192	189	15.5	2.78	2.8	17.16	16.64	0	0	64	1	0	1	1	1	0	0.130	0
193	190	15.58	2.73	2.8	17.17	16.64	0	0	62	1	0	1	1	1	0	0.130	0
194	191	15.67	2.61	2.8	17.09	16.61	0	0	54	1	0	1	1	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.38	2.8	17.15	16.53	0	0	45	1	0	1	1	1	0	0.130	0
196	193	15.83	2.26	2.7	17.24	16.97	0	0	41	1	0	1	1	1	0	0.130	0
197	194	15.91	2.27	2.7	17.38	17.02	0	0	43	1	0	1	1	1	0	0.130	0
198	195	15.99	2.39	2.7	17.45	17.01	0	0	48	1	0	1	1	1	0	0.130	0
199	196	16.08	2.5	2.8	17.39	17.29	0	0	53	1	0	1	1	1	0	0.130	0
200	197	16.16	2.61	2.8	17.09	16.92	0	0	54	1	0	1	1	1	0	0.130	0
201	198	16.24	2.72	2.8	16.5	16.17	0	0	52	1	0	1	1	1	0	0.130	0
202	199	16.32	2.82	2.8	15.91	15.64	0	0	49	1	0	1	1	1	0	0.130	0
203	200	16.4	2.84	2.8	15.52	15.32	0	0	44	1	0	1	1	1	0	0.130	0
204	201	16.49	2.81	2.8	15.43	15.17	0	0	41	1	0	1	1	1	0	0.130	0
205	202	16.57	2.69	2.8	15.66	15.46	0	0	40	1	0	1	1	1	0	0.130	0
206	203	16.65	2.6	2.8	16.26	16.08	0	0	44	1	0	1	1	1	0	0.130	0
207	204	16.73	2.59	2.8	16.79	16.94	0	0	50	1	0	1	1	1	0	0.130	0
208	205	16.81	2.63	2.8	16.89	17.05	0	0	53	1	0	1	1	1	0	0.130	0
209	206	16.9	2.64	2.8	16.57	16.45	0	0	50	1	0	1	1	1	0	0.130	0
210	207	16.98	2.64	2.8	16.17	16.11	0	0	45	1	0	1	1	1	0	0.130	0
211	208	17.06	2.72	2.8	15.92	15.92	0	0	45	1	0	1	1	1	0	0.130	0
212	209	17.14	2.81	2.8	15.85	15.72	0	0	47	1	0	1	1	1	0	0.130	0
213	210	17.22	2.79	2.8	15.93	15.94	0	0	48	1	0	1	1	1	0	0.130	0
214	211	17.31	2.69	2.8	15.87	16.25	0	0	53	1	0	1	1	1	0	0.130	0
215	212	17.39	2.59	2.8	15.61	15.8	0	0	36	1	0	1	1	1	0	0.130	0
216	213	17.47	2.6	2.8	15.18	15.4	0	0	32	1	0	1	1	1	0	0.130	0
217	214	17.55	2.64	2.8	14.96	15.04	0	0	30	1	0	1	1	1	0	0.130	0
218	215	17.63	2.71	2.8	15.05	15.09	0	0	33	1	0	1	1	1	0	0.130	0
219	216	17.72	2.78	2.8	15.7	15.61	0	0	44	1	0	1	1	1	0	0.130	0
220	217	17.8	2.89	2.8	16.95	17.07	0	0	67	1	0	1	1	1	0	0.130	0
221	218	17.88	3.03	2.8	18.16	18.98	0	0	97	1	0	0	0	1	0	0.130	0
222	219	17.96	3.34	2.8	18.72	19.53	0	0	139	1	0	0	0	1	0	0.130	0
223	220	18.04	3.83	2.9	18.03	19.16	0	0	186	1	0	0	0	1	0	0.130	0
224	221	18.13	4.27	2.9	16.38	17.33	0	0	187	1	0	0	0	1	0	0.130	0
225	222	18.21	4.4	3.0	14.59	14.96	0	0	112	1	0	0	0	1	0	0.130	0
226	223	18.29	4.09	3.0	13.06	13.98	0	0	23	1	0	0	1	1	0	0.130	0
227	224	18.37	3.64	3.0	12.06	12.82	0	0	-13	1	0	0	1	1	0	0.130	0
228	225	18.45	3.26	3.0	11.18	11.95	0	0	-28	1	0	0	1	1	0	0.130	0
229	226	18.54	2.95	3.0	10.61	11.26	0	0	-30	1	0	1	1	1	0	0.130	0
230	227	18.62	2.78	3.0	10.4	11.05	0	0	-29	1	0	1	1	1	0	0.130	0
231	228	18.7	2.8	3.0	10.4	11.24	0	0	-29	1	0	1	1	1	0	0.130	0
232	229	18.78	2.83	3.0	10.49	11.22	0	0	-29	1	0	1	1	1	0	0.130	0
233	230	18.86	2.84	3.0	10.54	11.31	0	0	-28	1	0	1	1	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.7	3.0	10.68	11.41	0	0	-23	1	0	1	1	1	0	0.130	0
235	232	19.03	2.56	2.9	10.96	11.72	0	0	-17	1	0	1	1	1	0	0.130	0
236	233	19.11	2.48	2.9	11.43	12.2	0	0	-11	1	0	1	1	1	0	0.130	0
237	234	19.19	2.46	2.9	11.81	12.85	0	0	-7	1	0	1	1	1	0	0.130	0
238	235	19.27	2.58	2.9	11.94	12.86	0	0	-6	1	0	1	1	1	0	0.130	0
239	236	19.36	2.73	2.9	11.87	12.66	0	0	-8	1	0	1	1	1	0	0.130	0
240	237	19.44	2.89	2.9	11.84	12.67	0	0	-10	1	0	1	1	1	0	0.130	0
241	238	19.52	2.96	2.9	11.94	12.75	0	0	-9	1	0	1	1	1	0	0.130	0
242	239	19.6	3	2.9	11.93	12.95	0	0	-10	1	0	0	1	1	0	0.130	0
243	240	19.68	3.09	3.0	11.79	12.7	0	0	-13	1	0	0	1	1	0	0.130	0
244	241	19.77	3.22	3.0	11.48	12.48	0	0	-21	1	0	0	1	1	0	0.130	0
245	242	19.85	3.29	3.0	11.33	12.16	0	0	-25	1	0	0	1	1	0	0.130	0
246	243	19.93	3.31	3.0	11.29	12.31	0	0	-26	1	0	0	1	1	0	0.130	0
247	244	20.01	3.29	3.0	12.09	12.44	0	0	-9	1	0	0	1	1	0	0.130	0
248	245	20.09	3.22	2.9	13.68	14.7	0	0	24	1	0	0	1	1	0	0.130	0
249	246	20.18	3.21	2.9	15.84	17.42	0	0	67	1	0	0	1	1	0	0.130	0
250	247	20.26	3.29	2.8	17.8	19.43	0	0	113	1	0	0	0	1	0	0.130	0
251	248	20.34	3.54	2.8	18.66	21.24	0	0	[illegible]	1	0	0	0	1	0	0.130	0
252	249	20.42	3.76	2.8	18.41	20.55	0	0	88	1	0	0	0	1	0	0.130	0
253	250	20.5	4.03	2.9	16.63	18.98	0	0	1[illegible]4	1	0	0	0	1	0	0.130	0
254	251	20.59	4.16	3.0	14.16	15.8	0	0	7[illegible]	1	0	0	1	1	0	0.130	0
255	252	20.67	4.21	3.0	11.72	12.76	0	0	36	1	0	0	1	1	0	0.130	0
256	253	20.75	3.84	3.1	10.22	11.23	0	0	-77	1	0	0	1	1	0	0.130	0
257	254	20.83	3.3	3.0	9.47	10.99	0	0	-65	1	0	0	1	1	0	0.130	0
258	255	20.92	2.76	3.0	9.15	10.29	0	0	-45	1	0	1	1	1	0	0.130	0
259	256	21	2.49	3.0	8.92	10.06	0	0	-38	1	0	1	1	1	0	0.130	0
260	257	21.08	2.39	3.0	8.89	10.11	0	0	-35	1	0	1	1	1	0	0.130	0
261	258	21.16	2.42	3.0	8.86	10.04	0	0	-36	1	0	1	1	1	0	0.130	0
262	259	21.24	2.48	3.0	8.78	9.89	0	0	-39	1	0	1	1	1	0	0.130	0
263	260	21.33	2.54	3.0	8.64	9.87	0	0	-43	1	0	1	1	1	0	0.130	0
264	261	21.41	2.57	3.0	8.63	9.62	0	0	-44	1	0	1	1	1	0	0.130	0
265	262	21.49	2.5	3.0	8.77	9.87	0	0	-40	1	0	1	1	1	0	0.130	0
266	263	21.57	2.38	3.0	9.02	10.32	0	0	-34	1	0	1	1	1	0	0.130	0
267	264	21.65	2.31	3.0	9.14	10.45	0	0	-31	1	0	1	1	1	0	0.130	0
268	265	21.74	2.32	3.0	9.05	10.32	0	0	-32	1	0	1	1	1	0	0.130	0
269	266	21.82	2.36	3.0	8.79	10.1	0	0	-35	1	0	1	1	1	0	0.130	0
270	267	21.9	2.28	3.0	8.49	9.64	0	0	-35	1	0	1	1	1	0	0.130	0
271	268	21.98	2.15	3.0	8.2	9.36	0	0	-34	1	0	1	1	1	0	0.130	0
272	269	22.06	1.95	3.0	8.05	9.15	0	0	-29	1	0	1	1	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	1.71	3.0	8.05	9.13	0	0	-23	1	0	1	1	1	0	0.130	0
274	271	22.23	1.42	2.9	8.18	9.34	0	0	-17	1	0	1	1	1	0	0.130	0
275	272	22.31	1.33	2.9	8.55	9.54	0	0	-15	1	0	1	1	1	0	0.130	0
276	273	22.39	1.48	2.9	9.09	10.33	0	0	-14	1	0	1	1	1	0	0.130	0
277	274	22.47	1.81	2.9	9.84	11.26	0	0	-15	1	0	1	1	1	0	0.130	0
278	275	22.56	2.06	2.9	10.65	12.19	0	0	-13	1	0	1	1	1	0	0.130	0
279	276	22.64	2.19	2.9	11.42	13.19	0	0	-9	1	0	1	1	1	0	0.130	0
280	277	22.72	2.32	2.9	11.7	14.07	0	0	-7	1	0	1	1	1	0	0.130	0
281	278	22.8	2.49	2.9	11.33	13.34	0	0	-12	1	0	1	1	1	0	0.130	0
282	279	22.88	2.67	3.0	10.57	12.13	0	0	-24	1	0	1	1	1	0	0.130	0
283	280	22.97	2.69	3.0	10.03	11.47	0	0	-31	1	0	1	1	1	0	0.130	0
284	281	23.05	2.53	3.0	9.98	11.25	0	0	-28	1	0	1	1	1	0	0.130	0
285	282	23.13	2.41	2.9	10.01	11.67	0	0	-25	1	0	1	1	1	0	0.130	0
286	283	23.21	2.43	3.0	9.87	11.52	0	0	-27	1	0	1	1	1	0	0.130	0
287	284	23.29	2.66	3.0	9.41	10.87	0	0	-38	1	0	1	1	1	0	0.130	0
288	285	23.38	2.87	3.0	9.12	10.31	0	0	-50	1	0	1	1	1	0	0.130	0
289	286	23.46	2.95	3.0	9.58	10.59	0	0	-47	1	0	1	1	1	0	0.130	0
290	287	23.54	2.89	2.9	11.4	12.38	0	0	-17	1	0	1	1	1	0	0.130	0
291	288	23.62	2.93	2.9	14.13	16.3	0	0	26	1	0	1	1	1	0	0.130	0
292	289	23.7	3.05	2.8	16.13	20.02	0	0	63	1	0	0	1	1	0	0.130	0
293	290	23.79	3.18	2.9	15.9	19.71	0	0	66	1	0	0	1	1	0	0.130	0
294	291	23.87	3.28	2.9	14.28	16.34	0	0	38	1	0	0	1	1	0	0.130	0
295	292	23.95	3.46	3.0	12.49	15	0	0	0	1	0	0	1	1	0	0.130	0
296	293	24.03	3.64	3.0	12.12	13.58	0	0	-11	1	0	0	1	1	0	0.130	0
297	294	24.11	3.38	2.9	14.12	14.75	0	0	37	1	0	0	1	1	0	0.130	0
298	295	24.2	2.82	2.8	18.55	21.38	0	0	86	1	0	1	0	1	0	0.130	0
299	296	24.28	2.51	2.7	23.29	28.17	0	0	117	1	0	1	0	1	0	0.130	0
300	297	24.36	2.51	2.6	26.37	30.56	0	0	151	1	0	1	0	1	0	0.130	0
301	298	24.44	2.71	2.6	27.43	32.22	0	0	193	1	0	1	0	1	0	0.130	0
302	299	24.52	2.92	2.6	27.58	32.3	0	0	235	1	0	1	0	1	0	0.130	0
303	300	24.61	3.18	2.7	26.19	31.48	0	0	266	1	0	0	0	1	0	0.130	0
304	301	24.69	3.61	2.8	23.41	27.99	0	0	306	1	0	0	0	1	0	0.130	0
305	302	24.77	4.06	2.8	20.46	23.5	0	0	324	1	0	0	0	1	0	0.130	0
306	303	24.85	4.06	2.8	19.55	21.95	0	0	287	1	0	0	0	1	0	0.130	0
307	304	24.93	3.24	2.7	22.11	24.98	0	0	197	1	0	0	0	1	0	0.130	0
308	305	25.02	2.44	2.6	26.03	31.72	0	0	138	1	0	1	0	1	0	0.130	0
309	306	25.1	2.08	2.5	28.52	34.44	0.02	0.35	118	1	1	1	0	1	0	0.130	0
310	307	25.18	2.15	2.6	26.13	32.87	0.02	0.36	107	1	1	1	0	1	0	0.110	0
311	308	25.26	2.54	2.7	20.9	24.06	0	0	94	1	0	1	0	1	0	0.090	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	3	2.8	15.68	17.64	0	0	53	1	0	0	1	1	0	0.090	0
313	310	25.43	3.64	3.0	11.75	15.72	0	0	-22	1	0	0	1	1	0	0.090	0
314	311	25.51	3.44	3.0	10.89	10.3	0	0	-39	1	0	0	1	1	0	0.090	0
315	312	25.59	3.02	3.0	10.63	14.55	0	0	-32	1	0	0	1	1	0	0.090	0
316	313	25.67	2.54	2.9	12.07	14.57	0	0	-5	1	0	1	1	1	0	0.090	0
317	314	25.75	2.63	2.9	12.24	15.15	0	0	-3	1	0	1	1	1	0	0.090	0
318	315	25.84	2.77	2.9	12.39	15.03	0	0	-2	1	0	1	1	1	0	0.090	0
319	316	25.92	2.33	2.8	14.19	15.01	0	0	16	1	0	1	1	1	0	0.090	0
320	317	26	1.84	2.7	17.15	21.24	0	0	28	1	0	1	1	1	0	0.090	0
321	318	26.08	1.6	2.6	20.49	24.75	0.02	0.46	38	1	0	1	1	1	0	0.090	0
322	319	26.16	1.68	2.6	21.59	26.12	0.02	0.44	47	1	0	1	1	1	0	0.070	0
323	320	26.25	1.82	2.6	20.93	25.43	0	0	49	1	0	1	1	1	0	0.050	0
324	321	26.33	2.03	2.7	18.4	22.87	0	0	42	1	0	1	1	1	0	0.050	0
325	322	26.41	2.24	2.8	15.61	18.06	0	0	27	1	0	1	1	1	0	0.050	0
326	323	26.49	2.57	2.9	12.86	16.27	0	0	4	1	0	1	1	1	0	0.050	0
327	324	26.57	2.8	3.0	10.9	13.62	0	0	-22	1	0	1	1	1	0	0.050	0
328	325	26.66	3.01	3.0	9.07	11.1	0	0	-58	1	0	0	1	1	0	0.050	0
329	326	26.74	3.09	3.1	7.92	9.84	0	0	-83	1	0	0	1	1	0	0.050	0
330	327	26.82	3.04	3.1	7.39	9.48	0	0	-88	1	0	0	1	1	0	0.050	0
331	328	26.9	2.92	3.1	7.29	9.21	0	0	-71	1	0	1	1	1	0	0.050	0
332	329	26.98	2.83	3.1	7.65	9.45	0	0	-70	1	0	1	1	1	0	0.050	0
333	330	27.07	2.8	3.0	8.5	10.64	0	0	-56	1	0	1	1	1	0	0.050	0
334	331	27.15	2.79	3.0	9.52	12.11	0	0	-41	1	0	1	1	1	0	0.050	0
335	332	27.23	2.84	3.0	10.01	13	0	0	-36	1	0	1	1	1	0	0.050	0
336	333	27.31	3.24	3.0	9.52	12.43	0	0	-61	1	0	0	1	1	0	0.050	0
337	334	27.39	3.79	3.1	8.57	10.58	0	0	-128	1	0	0	1	1	0	0.050	0
338	335	27.48	4.22	3.2	7.6	9.8	0	0	-227	1	0	0	1	1	0	0.050	0
339	336	27.56	3.98	3.2	7.77	9.03	0	0	-180	1	0	0	1	1	0	0.050	0
340	337	27.64	3.49	3.1	9.59	10.99	0	0	-74	1	0	0	1	1	0	0.050	0
341	338	27.72	3.26	2.9	12.38	16.01	0	0	-3	1	0	0	1	1	0	0.050	0
342	339	27.8	3.21	2.9	14.47	18.99	0	0	39	1	0	0	1	1	0	0.050	0
343	340	27.89	3.47	2.9	14.27	18.74	0	0	44	1	0	0	1	1	0	0.050	0
344	341	27.97	3.99	3.0	12.66	15.77	0	0	6	1	0	0	1	1	0	0.050	0
345	342	28.05	4.8	3.1	10.83	13.5	0	0	-123	1	0	0	1	1	0	0.050	0
346	343	28.13	5.38	3.2	9.62	12.3	0	0	-335	1	0	0	1	1	0	0.050	0
347	344	28.21	5.33	3.2	9.23	11.48	0	0	-366	1	0	0	1	1	0	0.050	0
348	345	28.3	5.12	3.2	9.4	12.09	0	0	-295	1	0	0	1	1	0	0.050	0
349	346	28.38	4.89	3.1	10.01	12.9	0	0	-198	1	0	0	1	1	0	0.050	0
350	347	28.46	4.65	3.1	10.74	13.63	0	0	-115	1	0	0	1	1	0	0.050	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.49	3.1	10.9	14.7	0	0	-92	1	0	0	1	1	0	0.050	0
352	349	28.63	4.42	3.1	10.48	13.47	0	0	-110	1	0	0	1	1	0	0.050	0
353	350	28.71	4.73	3.1	9.47	12.2	0	0	-212	1	0	0	1	1	0	0.050	0
354	351	28.79	5.04	3.2	8.51	11.16	0	0	-356	1	0	0	1	1	0	0.050	0
355	352	28.87	5.26	3.2	7.99	10.07	0	0	-478	1	0	0	1	1	0	0.050	0
356	353	28.95	4.82	3.2	8.65	10.33	0	0	-289	1	0	0	1	1	0	0.050	0
357	354	29.04	3.9	3.0	11.45	13.48	0	0	-37	1	0	0	1	1	0	0.050	0
358	355	29.12	3.51	2.9	14.11	19.98	0	0	41	1	0	0	1	1	0	0.050	0
359	356	29.2	3.64	2.9	14.84	19.92	0	0	67	1	0	0	1	1	0	0.050	0
360	357	29.28	4.28	3.0	13.31	16.26	0	0	39	1	0	0	1	1	0	0.050	0
361	358	29.36	4.7	3.0	12.33	14.68	0	0	-12	1	0	0	1	1	0	0.050	0
362	359	29.45	4.51	3.0	12.9	16.44	0	0	23	1	0	0	1	1	0	0.050	0
363	360	29.53	4.11	3.0	13.8	18.31	0	0	55	1	0	0	1	1	0	0.050	0
364	361	29.61	3.99	3.0	13.76	17.96	0	0	48	1	0	0	1	1	0	0.050	0
365	362	29.69	4.3	3.0	12.3	16.36	0	0	-10	1	0	0	1	1	0	0.050	0
366	363	29.77	4.79	3.1	10.53	13.14	0	0	-144	1	0	0	1	1	0	0.050	0
367	364	29.86	5.47	3.2	8.83	11.65	0	0	-457	1	0	0	1	1	0	0.050	0
368	365	29.94	5.64	3.2	8.22	10.26	0	0	[illegible]	1	0	0	1	1	0	0.050	0
369	366	30.02	5.36	3.2	8.73	10.96	0	0	[illegible]	1	0	0	1	1	0	0.050	0
370	367	30.1	4.73	3.1	9.94	13.46	0	0	[illegible]	1	0	0	1	1	0	0.050	0
371	368	30.18	4.64	3.1	10.71	14.59	0	0	[illegible]	1	0	0	1	1	0	0.050	0
372	369	30.27	4.99	3.1	10.7	13.8	0	0	[illegible]	1	0	0	1	1	0	0.050	0
373	370	30.35	5.41	3.1	11.13	13.47	0	0	-163	1	0	0	1	1	0	0.050	0
374	371	30.43	5.22	3.1	12.73	16.18	0	0	24	1	0	0	1	1	0	0.050	0
375	372	30.51	4.89	3.0	14.71	19.63	0	0	175	1	0	0	0	1	0	0.050	0
376	373	30.59	4.76	3.0	15.51	20.76	0	0	215	1	0	0	0	1	0	0.050	0
377	374	30.68	4.5	3.0	15.68	19.23	0	0	185	1	0	0	0	1	0	0.050	0
378	375	30.76	3.33	2.8	18.84	20.35	0	0	140	1	0	0	0	1	0	0.050	0
379	376	30.84	2.09	2.6	26.82	32.28	0	0	107	1	1	1	0	1	0	0.050	0
380	377	30.92	1.42	2.4	36.04	45.36	0	0	95	1	1	1	0	1	0	0.050	0
381	378	31	1.18	2.3	41.2	49.66	0	0	92	1	1	1	0	1	0	0.050	0
382	379	31.09	1.16	2.3	42.09	48.34	0.01	0.28	93	1	1	1	0	1	0	0.050	0
383	380	31.17	1.3	2.3	41.78	48.26	0.01	0.27	105	1	1	1	0	1	0	0.040	0
384	381	31.25	1.36	2.3	42.1	49.38	0.01	0.26	112	1	1	1	0	1	0	0.030	0
385	382	31.33	1.31	2.3	42.23	49.81	0.01	0.26	108	1	1	1	0	1	0	0.020	0
386	383	31.41	1.13	2.2	41.89	48.47	0.01	0.28	90	1	1	1	0	1	0	0.010	0
387	384	31.5	1.04	2.2	40.79	47.34	0	0	79	1	1	1	1	1	0	0.000	0
388	385	31.58	1.13	2.3	37.86	45.76	0	0	77	1	1	1	1	1	0	0.000	0
389	386	31.66	1.39	2.4	33.63	39.3	0	0	82	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	1.92	2.5	27.58	34.52	0	0	96	1	1	1	0	1	0	0.000	0
391	388	31.82	2.65	2.7	21.44	26.89	0	0	110	1	0	1	0	1	0	0.000	0
392	389	31.91	3.37	2.9	16.09	19.6	0	0	82	1	0	0	0	1	0	0.000	0
393	390	31.99	3.42	2.9	12.76	16.06	0	0	6	1	0	0	1	1	0	0.000	0
394	391	32.07	3.02	3.0	10.63	14.44	0	0	-32	1	0	0	1	1	0	0.000	0
395	392	32.15	2.87	3.0	9.02	11.68	0	0	-52	1	0	1	1	1	0	0.000	0
396	393	32.23	3.28	3.1	7.8	10.04	0	0	-100	1	0	0	1	1	0	0.000	0
397	394	32.32	3.54	3.2	7.28	9.85	0	0	-138	1	0	0	1	1	0	0.000	0
398	395	32.4	3.67	3.2	7.17	9.72	0	0	-157	1	0	0	1	1	0	0.000	0
399	396	32.48	3.9	3.2	7.04	9.56	0	0	-195	1	0	0	1	1	0	0.000	0
400	397	32.56	4.02	3.2	6.88	9.38	0	0	-221	1	0	0	1	1	0	0.000	0
401	398	32.64	4.15	3.2	6.73	9.14	0	0	-253	1	0	0	1	1	0	0.000	0
402	399	32.73	4.18	3.2	6.62	9.03	0	0	-264	1	0	0	1	1	0	0.000	0
403	400	32.81	4.33	3.2	6.55	8.96	0	0	-302	1	0	0	1	1	0	0.000	0
404	401	32.89	4.46	3.3	6.51	8.91	0	0	-337	1	0	0	1	1	0	0.000	0
405	402	32.97	4.54	3.3	6.5	8.91	0	0	-360	1	0	0	1	1	0	0.000	0
406	403	33.05	4.6	3.3	6.49	8.92	0	0	-379	1	0	0	1	1	0	0.000	0
407	404	33.14	4.72	3.3	6.45	8.92	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
408	405	33.22	4.78	3.3	6.39	8.81	0	0	-[illegible]44	1	0	0	1	1	0	0.000	0
409	406	33.3	4.81	3.3	6.28	8.71	0	0	-4[illegible]3	1	0	0	1	1	0	0.000	0
410	407	33.38	4.72	3.3	6.22	8.54	0	0	-43[illegible]	1	0	0	1	1	0	0.000	0
411	408	33.46	4.6	3.3	6.26	8.59	0	0	[illegible]93	1	0	0	1	1	0	0.000	0
412	409	33.55	4.37	3.3	6.42	8.84	0	0	-318	1	0	0	1	1	0	0.000	0
413	410	33.63	4.18	3.2	6.6	9.11	0	0	-265	1	0	0	1	1	0	0.000	0
414	411	33.71	4.03	3.2	6.68	9.21	0	0	-231	1	0	0	1	1	0	0.000	0
415	412	33.79	4.08	3.2	6.59	9.12	0	0	-245	1	0	0	1	1	0	0.000	0
416	413	33.87	4.14	3.2	6.42	8.8	0	[illegible]	-264	1	0	0	1	1	0	0.000	0
417	414	33.96	4.31	3.3	6.29	8.58	0	0	-310	1	0	0	1	1	0	0.000	0
418	415	34.04	4.32	3.2	6.53	8.6	0	0	-300	1	0	0	1	1	0	0.000	0
419	416	34.12	4.34	3.2	7.34	9.62	0	0	-264	1	0	0	1	1	0	0.000	0
420	417	34.2	4.19	3.1	9.12	11.43	0	0	-153	1	0	0	1	1	0	0.000	0
421	418	34.28	3.87	3.0	11.99	15.13	0	0	-18	1	0	0	1	1	0	0.000	0
422	419	34.37	3.53	2.9	15.13	20.44	0	0	69	1	0	0	1	1	0	0.000	0
423	420	34.45	3.52	2.9	16.35	23.54	0	0	100	1	0	0	0	1	0	0.000	0
424	421	34.53	3.91	2.9	14.69	20.21	0	0	79	1	0	0	1	1	0	0.000	0
425	422	34.61	4.51	3.1	11.47	14.57	0	0	-60	1	0	0	1	1	0	0.000	0
426	423	34.69	4.91	3.2	8.92	11.63	0	0	-289	1	0	0	1	1	0	0.000	0
427	424	34.78	4.5	3.2	7.42	10.69	0	0	-295	1	0	0	1	1	0	0.000	0
428	425	34.86	4.06	3.2	6.39	8.96	0	0	-249	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.65	3.3	5.6	7.73	0	0	-200	1	0	0	1	1	0	0.000	0
430	427	35.02	3.58	3.3	5.36	7.66	0	0	-195	1	0	0	1	1	0	0.000	0
431	428	35.1	3.63	3.3	5.53	7.9	0	0	-199	1	0	0	1	1	0	0.000	0
432	429	35.19	3.59	3.2	5.77	8.19	0	0	-185	1	0	0	1	1	0	0.000	0
433	430	35.27	3.58	3.2	5.96	8.41	0	0	-179	1	0	0	1	1	0	0.000	0
434	431	35.35	3.48	3.2	6.09	8.53	0	0	-161	1	0	0	1	1	0	0.000	0
435	432	35.43	3.46	3.2	6.12	8.64	0	0	-158	1	0	0	1	1	0	0.000	0
436	433	35.51	3.5	3.2	6.13	8.57	0	0	-163	1	0	0	1	1	0	0.000	0
437	434	35.6	3.53	3.2	6.12	8.46	0	0	-167	1	0	0	1	1	0	0.000	0
438	435	35.68	3.53	3.2	6.13	8.48	0	0	-167	1	0	0	1	1	0	0.000	0
439	436	35.76	3.5	3.2	6.11	8.41	0	0	-163	1	0	0	1	1	0	0.000	0
440	437	35.84	3.52	3.2	6.03	8.3	0	0	-168	1	0	0	1	1	0	0.000	0
441	438	35.92	3.6	3.2	5.94	8.18	0	0	-182	1	0	0	1	1	0	0.000	0
442	439	36.01	3.72	3.2	5.85	8.09	0	0	-204	1	0	0	1	1	0	0.000	0
443	440	36.09	3.84	3.3	5.74	7.97	0	0	-229	1	0	0	1	1	0	0.000	0
444	441	36.17	3.91	3.3	5.61	7.8	0	0	-248	1	0	0	1	1	0	0.000	0
445	442	36.25	3.93	3.3	5.45	7.66	0	0	-258	1	0	0	1	1	0	0.000	0
446	443	36.33	3.96	3.3	5.33	7.47	0	0	-269	1	0	0	1	1	0	0.000	0
447	444	36.42	4.01	3.3	5.26	7.41	0	0	-283	1	0	0	1	1	0	0.000	0
448	445	36.5	4.07	3.3	5.26	7.38	0	0	-297	1	0	0	1	1	0	0.000	0
449	446	36.58	4.12	3.3	5.26	7.4	0	0	-309	1	0	0	1	1	0	0.000	0
450	447	36.66	4.19	3.3	5.24	7.39	0	0	-329	1	0	0	1	1	0	0.000	0
451	448	36.74	4.21	3.3	5.23	7.35	0	0	-334	1	0	0	1	1	0	0.000	0
452	449	36.83	4.09	3.3	5.26	7.44	0	0	-302	1	0	0	1	1	0	0.000	0
453	450	36.91	3.64	3.3	5.51	7.56	0	0	-201	1	0	0	1	1	0	0.000	0
454	451	36.99	2.94	3.2	5.88	8.17	0	0	-105	1	0	1	1	1	0	0.000	0
455	452	37.07	2.37	3.1	5.99	8.78	0	0	-62	1	0	1	1	1	0	0.000	0
456	453	37.16	2.01	3.1	5.74	7.93	0	0	-47	1	0	1	1	1	0	0.000	0
457	454	37.24	1.99	3.2	5.16	7.34	0	0	-50	1	0	1	1	1	0	0.000	0
458	455	37.32	2.22	3.2	4.78	6.63	0	0	-65	1	0	1	1	1	0	0.000	0
459	456	37.4	2.44	3.2	4.69	6.33	0	0	-80	1	0	1	1	1	0	0.000	0
460	457	37.48	2.58	3.2	4.87	6.73	0	0	-88	1	0	1	1	1	0	0.000	0
461	458	37.57	2.64	3.2	5.14	7.08	0	0	-90	1	0	1	1	1	0	0.000	0
462	459	37.65	2.84	3.2	5.22	7.24	0	0	-106	1	0	1	1	1	0	0.000	0
463	460	37.73	3.08	3.2	5.16	7.16	0	0	-131	1	0	0	1	1	0	0.000	0
464	461	37.81	3.28	3.3	5.04	7.04	0	0	-158	1	0	0	1	1	0	0.000	0
465	462	37.89	3.35	3.3	4.96	6.93	0	0	-170	1	0	0	1	1	0	0.000	0
466	463	37.98	3.38	3.3	4.9	6.89	0	0	-175	1	0	0	1	1	0	0.000	0
467	464	38.06	3.41	3.3	4.86	6.87	0	0	-181	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	3.53	3.3	4.85	6.85	0	0	-200	1	0	0	1	1	0	0.000	0
469	466	38.22	3.64	3.3	4.88	6.9	0	0	-219	1	0	0	1	1	0	0.000	0
470	467	38.3	3.73	3.3	4.99	7	0	0	-233	1	0	0	1	1	0	0.000	0
471	468	38.39	3.74	3.3	5.2	7.3	0	0	-228	1	0	0	1	1	0	0.000	0
472	469	38.47	3.6	3.3	5.45	7.68	0	0	-196	1	0	0	1	1	0	0.000	0
473	470	38.55	3.4	3.2	5.62	7.97	0	0	-162	1	0	0	1	1	0	0.000	0
474	471	38.63	3.14	3.2	5.7	7.97	0	0	-128	1	0	0	1	1	0	0.000	0
475	472	38.71	3.04	3.2	5.72	8.02	0	0	-117	1	0	0	1	1	0	0.000	0
476	473	38.8	3.08	3.2	5.74	8.04	0	0	-121	1	0	0	1	1	0	0.000	0
477	474	38.88	3.32	3.2	5.73	8.01	0	0	-149	1	0	0	1	1	0	0.000	0
478	475	38.96	3.6	3.3	5.68	7.95	0	0	-190	1	0	0	1	1	0	0.000	0
479	476	39.04	3.87	3.3	5.62	7.9	0	0	-239	1	0	0	1	1	0	0.000	0
480	477	39.12	3.92	3.3	5.55	7.84	0	0	-252	1	0	0	1	1	0	0.000	0
481	478	39.21	3.8	3.3	5.47	7.77	0	0	-231	1	0	0	1	1	0	0.000	0
482	479	39.29	3.53	3.3	5.4	7.62	0	0	-186	1	0	0	1	1	0	0.000	0
483	480	39.37	3.27	3.2	5.38	7.58	0	0	-150	1	0	0	1	1	0	0.000	0
484	481	39.45	2.96	3.2	5.43	7.63	0	0	-114	1	0	1	1	1	0	0.000	0
485	482	39.53	2.75	3.2	5.47	7.71	0	0	-94	1	0	1	1	1	0	0.000	0
486	483	39.62	2.71	3.2	5.52	7.72	0	0	-90	1	0	1	1	1	0	0.000	0
487	484	39.7	2.83	3.2	5.58	7.8	0	0	-100	1	0	1	1	1	0	0.000	0
488	485	39.78	3.01	3.2	5.65	7.91	0	0	-115	1	0	0	1	1	0	0.000	0
489	486	39.86	3.16	3.2	5.68	7.97	0	0	-130	1	0	0	1	1	0	0.000	0
490	487	39.94	3.23	3.2	5.61	8.01	0	0	-140	1	0	0	1	1	0	0.000	0
491	488	40.03	3.18	3.2	5.43	7.77	0	0	-138	1	0	0	1	1	0	0.000	0
492	489	40.11	2.99	3.2	5.2	7.4	0	0	-121	1	0	1	1	1	0	0.000	0
493	490	40.19	2.76	3.2	5.02	7.14	0	0	-101	1	0	1	1	1	0	0.000	0
494	491	40.27	2.56	3.2	5.1	7.06	0	0	-84	1	0	1	1	1	0	0.000	0
495	492	40.35	2.31	3.2	5.56	7.53	0	0	-63	1	0	1	1	1	0	0.000	0
496	493	40.44	2.31	3.1	6.61	8.68	0	0	-54	1	0	1	1	1	0	0.000	0
497	494	40.52	2.43	3.0	7.95	10.87	0	0	-46	1	0	1	1	1	0	0.000	0
498	495	40.6	2.67	3.0	8.99	12.72	0	0	-44	1	0	1	1	1	0	0.000	0
499	496	40.68	2.69	3.0	9.44	12.93	0	0	-39	1	0	1	1	1	0	0.000	0
500	497	40.76	2.46	3.0	9.65	13.09	0	0	-30	1	0	1	1	1	0	0.000	0
501	498	40.85	2.08	2.9	9.74	13.9	0	0	-20	1	0	1	1	1	0	0.000	0
502	499	40.93	1.95	2.9	9.47	13.55	0	0	-20	1	0	1	1	1	0	0.000	0
503	500	41.01	2.07	3.0	8.5	12.22	0	0	-29	1	0	1	1	1	0	0.000	0
504	501	41.09	2.34	3.0	7.58	10.25	0	0	-46	1	0	1	1	1	0	0.000	0
505	502	41.17	2.32	3.1	7.33	9.73	0	0	-47	1	0	1	1	1	0	0.000	0
506	503	41.26	2.28	3.0	7.62	10.81	0	0	-43	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2.46	3.0	7.74	11.08	0	0	-49	1	0	1	1	1	0	0.000	0
508	505	41.42	2.57	3.1	7.68	10.3	0	0	-55	1	0	1	1	1	0	0.000	0
509	506	41.5	2.54	3.0	8.15	10.68	0	0	-49	1	0	1	1	1	0	0.000	0
510	507	41.58	2.23	3.0	8.93	12.85	0	0	-30	1	0	1	1	1	0	0.000	0
511	508	41.67	2.2	3.0	9.2	13.54	0	0	-27	1	0	1	1	1	0	0.000	0
512	509	41.75	2.19	3.0	8.46	12.26	0	0	-33	1	0	1	1	1	0	0.000	0
513	510	41.83	2.16	3.0	7.46	10.48	0	0	-40	1	0	1	1	1	0	0.000	0
514	511	41.91	2.04	3.1	6.65	9.68	0	0	-42	1	0	1	1	1	0	0.000	0
515	512	41.99	1.95	3.1	6.07	8.88	0	0	-42	1	0	1	1	1	0	0.000	0
516	513	42.08	1.98	3.1	5.53	8.03	0	0	-47	1	0	1	1	1	0	0.000	0
517	514	42.16	1.97	3.2	4.93	7.23	0	0	-51	1	0	1	1	1	0	0.000	0
518	515	42.24	1.98	3.2	4.48	6.27	0	0	-54	1	0	1	1	1	0	0.000	0
519	516	42.32	2.06	3.2	4.13	6.04	0	0	-61	1	0	1	1	1	0	0.000	0
520	517	42.4	2.16	3.3	3.97	5.89	0	0	-68	1	0	1	1	1	0	0.000	0
521	518	42.49	2.24	3.3	3.8	5.71	0	0	-74	1	0	1	1	1	0	0.000	0
522	519	42.57	2.33	3.3	3.66	5.5	0	0	-82	1	0	1	1	1	0	0.000	0
523	520	42.65	2.4	3.3	3.54	5.41	0	0	-88	1	0	1	1	1	0	0.000	0
524	521	42.73	2.49	3.4	3.45	5.33	0	0	-97	1	0	1	1	1	0	0.000	0
525	522	42.81	2.56	3.4	3.38	5.24	0	0	-103	1	0	1	1	1	0	0.000	0
526	523	42.9	2.72	3.4	3.34	5.18	0	0	-110	1	0	1	1	1	0	0.000	0
527	524	42.98	2.82	3.4	3.41	5.21	0	0	-130	1	0	1	1	1	0	0.000	0
528	525	43.06	2.83	3.4	3.65	5.46	0	0	-127	1	0	1	1	1	0	0.000	0
529	526	43.14	2.75	3.3	3.97	5.98	0	0	-114	1	0	1	1	1	0	0.000	0
530	527	43.22	2.74	3.3	4.27	6.45	0	0	-109	1	0	1	1	1	0	0.000	0
531	528	43.31	2.85	3.3	4.46	6.67	0	0	-118	1	0	1	1	1	0	0.000	0
532	529	43.39	3.04	3.3	4.59	6.83	0	0	-137	1	0	0	1	1	0	0.000	0
533	530	43.47	3.19	3.3	4.68	6.97	0	0	-154	1	0	0	1	1	0	0.000	0
534	531	43.55	3.31	3.3	4.74	7.08	0	0	-169	1	0	0	1	1	0	0.000	0
535	532	43.63	3.39	3.3	4.78	7.11	0	0	-180	1	0	0	1	1	0	0.000	0
536	533	43.72	3.5	3.3	4.85	7.16	0	0	-195	1	0	0	1	1	0	0.000	0
537	534	43.8	3.62	3.3	4.98	7.4	0	0	-213	1	0	0	1	1	0	0.000	0
538	535	43.88	3.76	3.3	5.17	7.67	0	0	-233	1	0	0	1	1	0	0.000	0
539	536	43.96	4.04	3.3	5.3	7.97	0	0	-288	1	0	0	1	1	0	0.000	0
540	537	44.04	4.37	3.3	5.4	8.11	0	0	-372	1	0	0	1	1	0	0.000	0
541	538	44.13	4.75	3.3	5.49	8.25	0	0	-498	1	0	0	1	1	0	0.000	0
542	539	44.21	5.02	3.3	5.55	8.5	0	0	-611	1	0	0	1	1	0	0.000	0
543	540	44.29	5.17	3.3	5.59	8.46	0	0	-683	1	0	0	1	1	0	0.000	0
544	541	44.37	5.22	3.3	5.54	8.47	0	0	-715	1	0	0	1	1	0	0.000	0
545	542	44.45	5.21	3.4	5.4	8.38	0	0	-724	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	5.31	3.4	5.18	7.99	0	0	-806	1	0	0	1	1	0	0.000	0
547	544	44.62	5.5	3.4	4.91	7.69	0	0	-968	1	0	0	1	1	0	0.000	0
548	545	44.7	5.55	3.4	4.68	7.38	0	0	-1036	1	0	0	1	1	0	0.000	0
549	546	44.78	5.36	3.4	4.49	7.11	0	0	-917	1	0	0	1	1	0	0.000	0
550	547	44.86	5.1	3.4	4.31	6.92	0	0	-766	1	0	0	1	1	0	0.000	0
551	548	44.95	5.01	3.4	4.19	6.66	0	0	-725	1	0	0	1	1	0	0.000	0
552	549	45.03	4.91	3.4	4.17	6.51	0	0	-671	1	0	0	1	1	0	0.000	0
553	550	45.11	4.62	3.4	4.29	6.67	0	0	-526	1	0	0	1	1	0	0.000	0
554	551	45.19	4.23	3.4	4.5	6.95	0	0	-374	1	0	0	1	1	0	0.000	0
555	552	45.27	4.02	3.3	4.7	7.21	0	0	-307	1	0	0	1	1	0	0.000	0
556	553	45.36	3.9	3.3	4.86	7.43	0	0	-273	1	0	0	1	1	0	0.000	0
557	554	45.44	3.85	3.3	4.97	7.52	0	0	-258	1	0	0	1	1	0	0.000	0
558	555	45.52	3.74	3.3	5.1	7.65	0	0	-231	1	0	0	1	1	0	0.000	0
559	556	45.6	3.59	3.3	5.16	7.88	0	0	-202	1	0	0	1	1	0	0.000	0
560	557	45.69	3.42	3.3	5.22	7.76	0	0	-174	1	0	0	1	1	0	0.000	0
561	558	45.77	3.23	3.2	5.3	7.89	0	0	-146	1	0	0	1	1	0	0.000	0
562	559	45.85	3.22	3.2	5.5	8.13	0	0	-141	1	0	0	1	1	0	0.000	0
563	560	45.93	3.2	3.2	5.85	8.42	0	0	-132	1	0	0	1	1	0	0.000	0
564	561	46.01	3.15	3.2	6.27	9.15	0	0	-118	1	0	0	1	1	0	0.000	0
565	562	46.1	3.07	3.2	6.61	9.67	0	0	-104	1	0	0	1	1	0	0.000	0
566	563	46.18	3.21	3.2	6.9	9.71	0	0	-112	1	0	0	1	1	0	0.000	0
567	564	46.26	3.23	3.1	7.53	10.14	0	0	-101	1	0	0	1	1	0	0.000	0
568	565	46.34	3.24	3.1	8.46	11.94	0	0	-83	1	0	0	1	1	0	0.000	0
569	566	46.42	3.22	3.0	9.44	13.23	0	0	-62	1	0	0	1	1	0	0.000	0
570	567	46.51	3.44	3.0	10.26	14.06	0	0	-54	1	0	0	1	1	0	0.000	0
571	568	46.59	3.89	3.0	11.47	15.6	0	0	-36	1	0	0	1	1	0	0.000	0
572	569	46.67	4.45	3.0	12.55	18.59	0	0	3	1	0	0	1	1	0	0.000	0
573	570	46.75	5.05	3.0	13.16	19.17	0	0	59	1	0	0	1	1	0	0.000	0
574	571	46.83	5.65	3.1	12.76	18.88	0	0	37	1	0	0	1	1	0	0.000	0
575	572	46.92	6.41	3.1	11.68	17.58	0	0	-207	1	0	0	1	1	0	0.000	0
576	573	47	7.52	3.2	10.16	15	0	0	-1314	1	0	0	1	1	0	0.000	0
577	574	47.08	9.04	3.3	8.52	12.74	0	0	-6298	1	0	0	1	1	0	0.000	0
578	575	47.16	10.26	3.4	7.28	10.95	0	0	-18170	1	0	0	1	1	0	0.000	0
579	576	47.24	10.86	3.5	6.35	10.05	0	0	-31136	1	0	0	1	1	0	0.000	0
580	577	47.33	10.66	3.5	5.63	9.04	0	0	-30726	1	0	0	1	1	0	0.000	0
581	578	47.41	10.13	3.6	5.05	8.1	0	0	-23884	1	0	0	1	1	0	0.000	0
582	579	47.49	9.21	3.6	4.67	7.72	0	0	-13860	1	0	0	1	1	0	0.000	0
583	580	47.57	8.2	3.5	4.5	7.53	0	0	-7197	1	0	0	1	1	0	0.000	0
584	581	47.65	7.07	3.5	4.41	7.42	0	0	-3301	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	6.16	3.5	4.32	7.32	0	0	-1717	1	0	0	1	1	0	0.000	0
586	583	47.82	5.53	3.5	4.18	7.16	0	0	-1085	1	0	0	1	1	0	0.000	0
587	584	47.9	5.17	3.5	4.03	6.84	0	0	-837	1	0	0	1	1	0	0.000	0
588	585	47.98	4.93	3.5	3.88	6.71	0	0	-706	1	0	0	1	1	0	0.000	0
589	586	48.06	4.68	3.5	3.79	6.52	0	0	-585	1	0	0	1	1	0	0.000	0
590	587	48.15	4.42	3.5	3.74	6.44	0	0	-478	1	0	0	1	1	0	0.000	0
591	588	48.23	4.14	3.4	3.77	6.47	0	0	-379	1	0	0	1	1	0	0.000	0
592	589	48.31	3.87	3.4	3.82	6.57	0	0	-302	1	0	0	1	1	0	0.000	0
593	590	48.39	3.65	3.4	3.85	6.56	0	0	-251	1	0	0	1	1	0	0.000	0
594	591	48.47	3.45	3.4	3.83	6.51	0	0	-212	1	0	0	1	1	0	0.000	0
595	592	48.56	3.34	3.4	3.82	6.47	0	0	-194	1	0	0	1	1	0	0.000	0
596	593	48.64	3.24	3.4	3.9	6.45	0	0	-176	1	0	0	1	1	0	0.000	0
597	594	48.72	3.16	3.3	3.99	6.57	0	0	-163	1	0	0	1	1	0	0.000	0
598	595	48.8	3.18	3.3	4.05	6.56	0	0	-164	1	0	0	1	1	0	0.000	0
599	596	48.88	3.31	3.4	4.02	6.42	0	0	-184	1	0	0	1	1	0	0.000	0
600	597	48.97	3.56	3.4	4.06	6.38	0	0	-227	1	0	0	1	1	0	0.000	0
601	598	49.05	3.64	3.4	4.29	6.67	0	0	-236	1	0	0	1	1	0	0.000	0
602	599	49.13	3.5	3.3	4.65	7.24	0	0	-201	1	0	0	1	1	0	0.000	0
603	600	49.21	3.4	3.3	5.06	7.8	0	0	-175	1	0	0	1	1	0	0.000	0
604	601	49.29	3.34	3.2	5.56	8.29	0	0	-155	1	0	0	1	1	0	0.000	0
605	602	49.38	3.32	3.2	6.21	9.23	0	0	-138	1	0	0	1	1	0	0.000	0
606	603	49.46	3.48	3.2	6.92	10.38	0	0	-140	1	0	0	1	1	0	0.000	0
607	604	49.54	3.72	3.2	7.6	11.17	0	0	-151	1	0	0	1	1	0	0.000	0
608	605	49.62	4.18	3.2	8.24	12.07	0	0	-191	1	0	0	1	1	0	0.000	0
609	606	49.7	4.45	3.1	9.1	13.19	0	0	-190	1	0	0	1	1	0	0.000	0
610	607	49.79	4.4	3.1	10.08	15.02	0	0	-130	1	0	0	1	1	0	0.000	0
611	608	49.87	4.05	3.0	10.91	16.52	0	0	-64	1	0	0	1	1	0	0.000	0
612	609	49.95	3.79	3.0	11.04	17.05	0	0	-48	1	0	0	1	1	0	0.000	0
613	610	50.03	3.8	3.1	10.16	15.9	0	0	-77	1	0	0	1	1	0	0.000	0
614	611	50.11	4.09	3.1	8.64	13.08	0	0	-161	1	0	0	1	1	0	0.000	0
615	612	50.2	3.06	3.1	7.18	10.76	0	0	-93	1	0	0	1	1	0	0.000	0
616	613	50.28	1.63	3.0	6.24	9.68	0	0	-31	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	5.83	8.91	0	0	-7	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	5.7	8.67	0	0	-7	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	5.73	8.88	0	0	-7	1	0	1	1	1	0	0.000	0

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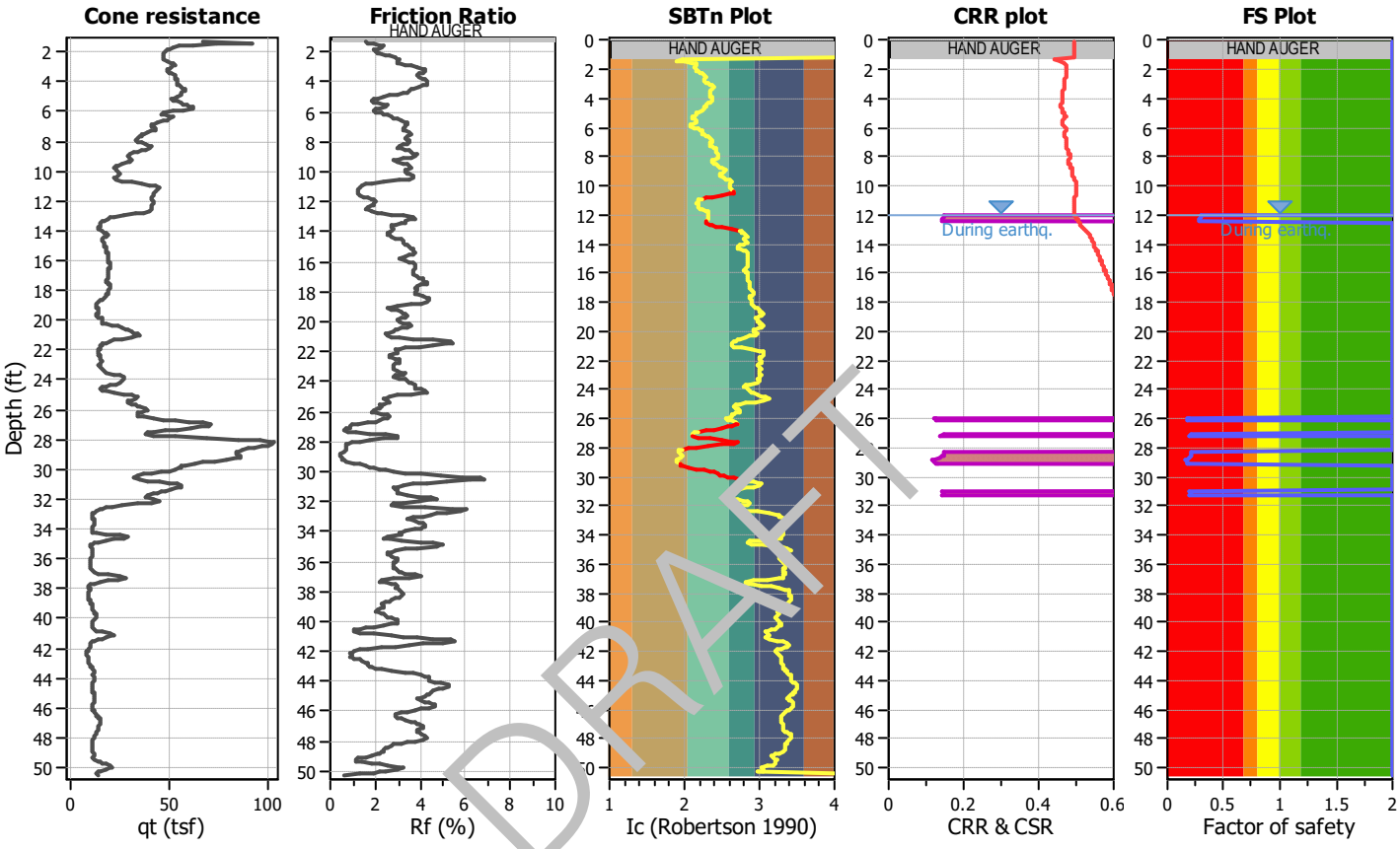
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-5

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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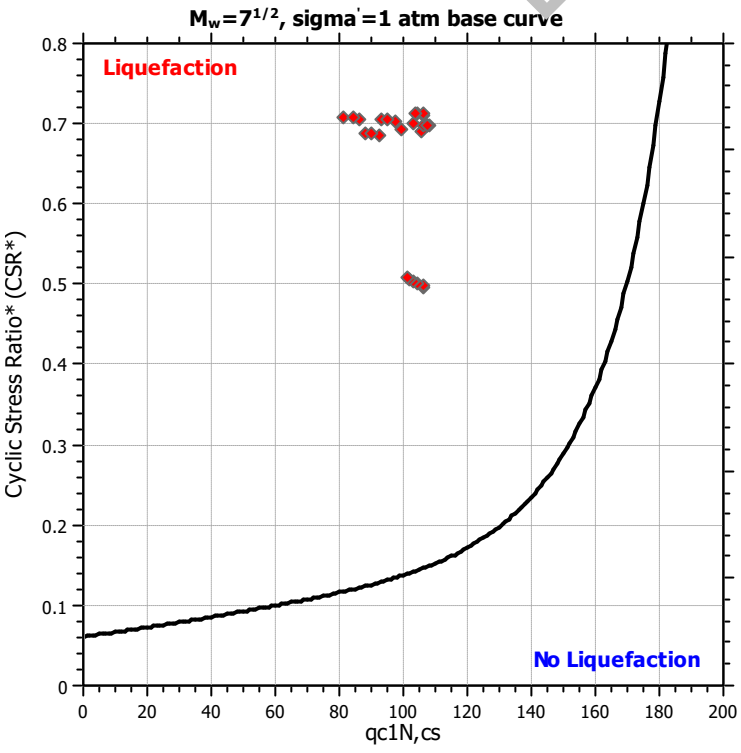
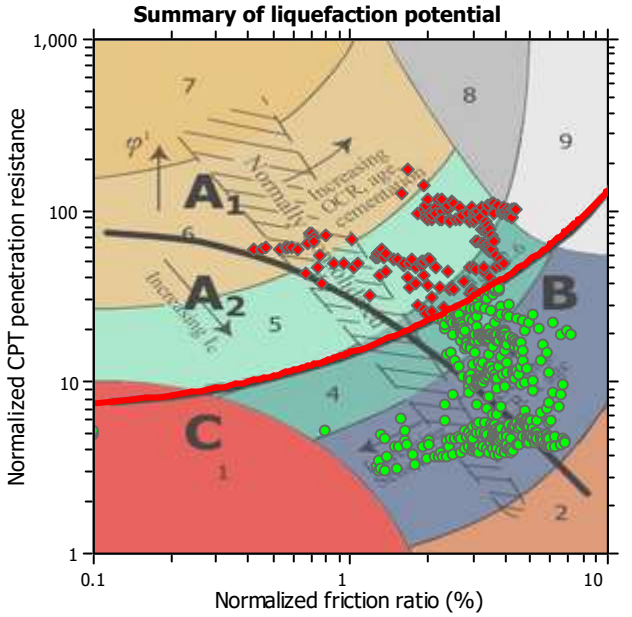
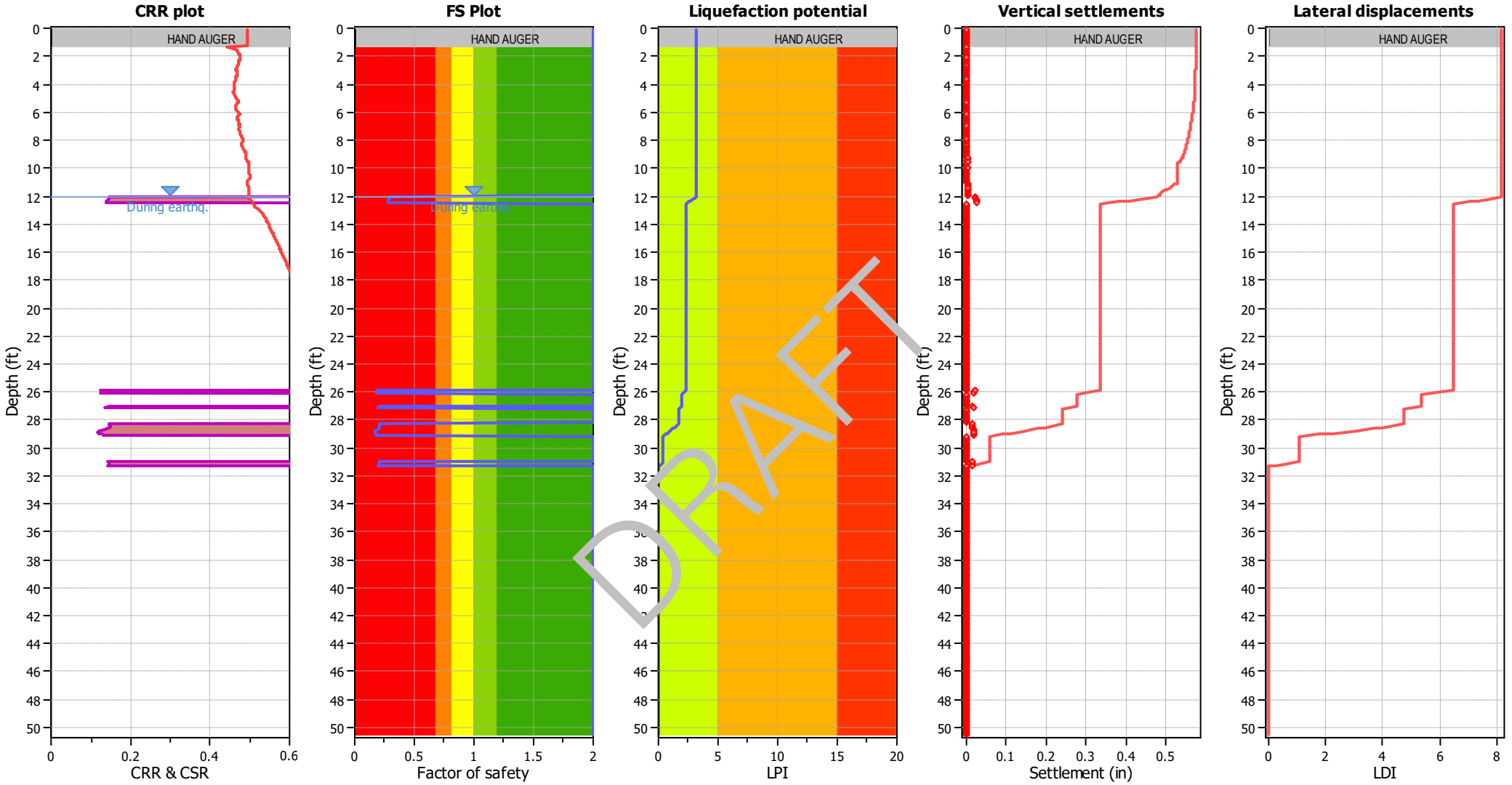




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-5, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0.08
19	16	1.31	1.57	2.0	126.85	181.51	0	0	528	0	1	1	0	1	0	0.480	0.08
20	17	1.39	1.66	1.9	172.92	142.38	0	0	806	1	1	1	0	1	0	0.480	0.08
21	18	1.48	1.92	2.0	139.31	117.41	0	0	809	1	1	1	0	1	0	0.480	0.08
22	19	1.56	2.18	2.1	117.6	95.73	0	0	849	1	1	1	0	1	0	0.480	0.08
23	20	1.64	2.35	2.2	103.77	86.75	0	0	859	1	1	1	0	1	0	0.480	0.08
24	21	1.72	2.26	2.2	97.98	82.03	0	0	742	1	1	1	0	1	0	0.480	0.08
25	22	1.8	2.07	2.1	94.23	80.87	0	0	598	1	1	1	0	1	0	0.480	0.08
26	23	1.89	1.95	2.1	91.7	77.4	0	0	520	1	1	1	0	1	0	0.480	0.08
27	24	1.97	2	2.2	89.59	75.72	0	0	529	1	1	1	0	1	0	0.480	0.08
28	25	2.05	2.07	2.2	89.14	75.64	0	0	561	1	1	1	0	1	0	0.480	0.08
29	26	2.13	2.21	2.2	89.19	76.36	0	0	637	1	1	1	0	1	0	0.480	0.08
30	27	2.21	2.42	2.2	89.01	76	0	0	767	1	1	1	0	1	0	0.480	0.08
31	28	2.3	2.67	2.2	88.44	75.31	0	0	950	1	1	1	0	1	0	0.480	0.08
32	29	2.38	2.9	2.3	87.78	74.99	0	0	1151	1	1	1	0	1	0	0.480	0.08
33	30	2.46	3.03	2.3	87.8	74.37	0	0	1288	1	1	0	0	1	0	0.480	0.08
34	31	2.54	3.07	2.3	89.23	75.43	0	0	1359	1	1	0	0	1	0	0.480	0.08
35	32	2.62	3	2.3	92.44	78.67	0	0	1333	1	1	0	0	1	0	0.480	0.08
36	33	2.71	3	2.3	96.14	82.59	0	0	1394	1	1	0	0	1	0	0.480	0.08
37	34	2.79	3.11	2.3	98.5	84.88	0	0	1576	1	1	0	0	1	0	0.480	0.08
38	35	2.87	3.35	2.3	99.04	84.67	0	0	1947	1	1	0	0	1	0	0.480	0.08

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	3.63	2.3	97.68	84	0	0	2427	1	1	0	0	1	0	0.480	0.08
40	37	3.03	3.89	2.3	95.56	81.44	0	0	2939	1	1	0	0	1	0	0.480	0.08
41	38	3.12	4.11	2.4	93.25	79.36	0	0	3424	1	1	0	0	1	0	0.480	0.08
42	39	3.2	4.22	2.4	91.93	78.14	0	0	3684	1	1	0	0	1	0	0.480	0.08
43	40	3.28	4.21	2.4	92.13	78.09	0	0	3663	1	1	0	0	1	0	0.480	0.08
44	41	3.36	4.12	2.4	93.92	79.86	0	0	3481	1	1	0	0	1	0	0.480	0.08
45	42	3.44	3.99	2.4	96.63	82.72	0	0	3233	1	1	0	0	1	0	0.480	0.08
46	43	3.53	3.9	2.3	98.89	85.02	0	0	3082	1	1	0	0	1	0	0.480	0.08
47	44	3.61	3.91	2.3	99.75	85.62	0	0	3138	1	1	0	0	1	0	0.480	0.08
48	45	3.69	4	2.3	99.85	84.93	0	0	3384	1	1	0	0	1	0	0.480	0.08
49	46	3.77	4.13	2.4	100.29	85.29	0	0	3784	1	1	0	0	1	0	0.480	0.08
50	47	3.85	4.21	2.4	101.37	86.76	0	0	4089	1	1	0	0	1	0	0.480	0.08
51	48	3.94	4.28	2.4	102.29	87.69	0	0	4373	1	1	0	0	1	0	0.480	0.08
52	49	4.02	4.34	2.4	102.17	87.66	0	0	4584	1	1	0	0	1	0	0.480	0.08
53	50	4.1	4.35	2.4	101.75	86.47	0	0	4600	1	1	0	0	1	0	0.480	0.08
54	51	4.18	4.28	2.4	101.7	86.62	0	0	4344	1	1	0	0	1	0	0.480	0.08
55	52	4.26	4.11	2.3	102.65	87.53	0	0	3822	1	1	0	0	1	0	0.480	0.08
56	53	4.35	3.93	2.3	104.48	88.9	0	0	[illegible]	1	1	0	0	1	0	0.480	0.08
57	54	4.43	3.74	2.3	106.61	91.03	0	0	[illegible]	1	1	0	0	1	0	0.480	0.08
58	55	4.51	3.59	2.3	109.08	92.03	0	0	[illegible]	1	1	0	0	1	0	0.480	0.08
59	56	4.59	3.52	2.3	109.25	93.4	0	0	[illegible]	1	1	0	0	1	0	0.480	0.08
60	57	4.68	3.42	2.3	107.81	90.16	0	0	[illegible]	1	1	0	0	1	0	0.480	0.08
61	58	4.76	3.25	2.3	105.62	87.76	0	0	1924	1	1	0	0	1	0	0.480	0.08
62	59	4.84	2.96	2.2	105.26	87.83	0	0	1494	1	1	1	0	1	0	0.480	0.08
63	60	4.92	2.64	2.2	104.52	88.65	0	0	1121	1	1	1	0	1	0	0.480	0.08
64	61	5	2.38	2.2	101.3	85.62	0	0	859	1	1	1	0	1	0	0.480	0.08
65	62	5.09	2.15	2.2	97	80.55	0	0	665	1	1	1	0	1	0	0.480	0.08
66	63	5.17	1.94	2.1	95.39	79.12	0	0	539	1	1	1	0	1	0	0.480	0.08
67	64	5.25	1.84	2.1	97.76	81.8	0	0	506	1	1	1	0	1	0	0.480	0.08
68	65	5.33	1.92	2.1	100.68	84.76	0	0	563	1	1	1	0	1	0	0.480	0.08
69	66	5.41	2.14	2.1	104.63	83.91	0	0	718	1	1	1	0	1	0	0.480	0.08
70	67	5.5	2.39	2.2	106.8	87.66	0	0	920	1	1	1	0	1	0	0.480	0.08
71	68	5.58	2.53	2.2	110.06	86.9	0	0	1078	1	1	1	0	1	0	0.480	0.08
72	69	5.66	2.46	2.1	113.12	88.65	0	0	1045	1	1	1	0	1	0	0.480	0.08
73	70	5.74	2.25	2.1	115.94	92.85	0	0	890	1	1	1	0	1	0	0.480	0.08
74	71	5.82	1.99	2.1	115.6	92.31	0	0	701	1	1	1	0	1	0	0.480	0.08
75	72	5.91	1.94	2.1	107.44	87.48	0	0	617	1	1	1	0	1	0	0.480	0.08
76	73	5.99	2.03	2.1	97.66	75.3	0	0	601	1	1	1	0	1	0	0.480	0.08
77	74	6.07	2.28	2.2	87.91	70.29	0	0	667	1	1	1	0	1	0	0.480	0.08
78	75	6.15	2.43	2.2	85.57	65.56	0	0	739	1	1	1	0	1	0	0.480	0.08

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	2.57	2.2	89.13	68.7	0	0	877	1	1	1	0	1	0	0.480	0.08
80	77	6.32	2.71	2.2	94.22	76.19	0	0	1058	1	1	1	0	1	0	0.480	0.08
81	78	6.4	2.85	2.2	97.42	74.63	0	0	1243	1	1	1	0	1	0	0.480	0.08
82	79	6.48	3.05	2.3	94.31	73.86	0	0	1424	1	1	0	0	1	0	0.480	0.08
83	80	6.56	3.16	2.3	91.14	68.73	0	0	1505	1	1	0	0	1	0	0.480	0.08
84	81	6.64	3.33	2.3	87.05	66.97	0	0	1649	1	1	0	0	1	0	0.480	0.08
85	82	6.73	3.44	2.3	82.72	64.58	0	0	1705	1	1	0	0	1	0	0.480	0.08
86	83	6.81	3.49	2.4	78.41	59	0	0	1670	1	1	0	0	1	0	0.480	0.08
87	84	6.89	3.41	2.4	76.14	57.4	0	0	1507	1	1	0	0	1	0	0.480	0.08
88	85	6.97	3.33	2.4	75.7	59.14	0	0	1398	1	1	0	0	1	0	0.480	0.08
89	86	7.05	3.26	2.4	77.29	57.35	0	0	1350	1	1	0	0	1	0	0.480	0.08
90	87	7.14	3.29	2.4	78	61.15	0	0	1401	1	1	0	0	1	0	0.480	0.08
91	88	7.22	3.31	2.4	77.79	61.08	0	0	1420	1	1	0	0	1	0	0.480	0.08
92	89	7.3	3.4	2.4	74.8	57.3	0	0	1463	1	1	0	0	1	0	0.480	0.08
93	90	7.38	3.54	2.4	70.84	54.36	0	0	1542	1	1	0	0	1	0	0.480	0.08
94	91	7.46	3.62	2.4	67.84	51.92	0	0	1564	1	1	0	0	1	0	0.480	0.08
95	92	7.55	3.63	2.4	65.4	50.53	0	0	1507	1	1	0	0	1	0	0.480	0.08
96	93	7.63	3.47	2.4	64.34	49.23	0	0	[illegible]	1	1	0	0	1	0	0.480	0.08
97	94	7.71	3.39	2.4	62.26	50.55	0	0	1[illegible]58	1	1	0	0	1	0	0.480	0.08
98	95	7.79	3.42	2.4	60.07	46.52	0	0	11[illegible]6	1	1	0	0	1	0	0.480	0.08
99	96	7.87	3.47	2.5	57.89	44.4	0	0	113[illegible]	1	1	0	0	1	0	0.480	0.08
100	97	7.96	3.56	2.5	57.89	45.61	0	0	[illegible]20	1	1	0	0	1	0	0.480	0.08
101	98	8.04	3.56	2.5	58.86	46.54	0	0	1246	1	1	0	0	1	0	0.480	0.08
102	99	8.12	3.5	2.4	60.83	47.1	0	0	1235	1	1	0	0	1	0	0.480	0.08
103	100	8.2	3.27	2.4	63.63	50.99	0	0	1075	1	1	0	0	1	0	0.480	0.08
104	101	8.28	3.1	2.4	65.77	54.44	0	0	968	1	1	0	0	1	0	0.480	0.08
105	102	8.37	3.06	2.4	67	53.38	0	0	957	1	1	0	0	1	0	0.480	0.08
106	103	8.45	3.23	2.4	65.29	54.5	0	0	1072	1	1	0	0	1	0	0.480	0.08
107	104	8.53	3.34	2.4	62.78	50.1	0	0	1122	1	1	0	0	1	0	0.480	0.08
108	105	8.61	3.53	2.5	59	47.33	0	0	1218	1	1	0	0	1	0	0.480	0.08
109	106	8.69	3.64	2.5	55.5	45.19	0	0	1236	1	1	0	0	1	0	0.480	0.08
110	107	8.78	3.79	2.5	52.29	41.71	0	0	1296	1	1	0	0	1	0	0.480	0.08
111	108	8.86	3.91	2.5	48.92	39.56	0	0	1310	1	1	0	0	1	0	0.480	0.08
112	109	8.94	3.83	2.5	47.35	37.15	0	0	1173	1	1	0	0	1	0	0.480	0.08
113	110	9.02	3.67	2.5	46.48	38.43	0	0	1001	1	1	0	0	1	0	0.480	0.08
114	111	9.1	3.31	2.5	47.07	38.15	0	0	752	1	1	0	0	1	0	0.480	0.08
115	112	9.19	3.02	2.5	46.73	39.72	0	0	581	1	1	0	0	1	0	0.480	0.08
116	113	9.27	2.9	2.5	47.11	38.67	0	0	529	1	1	1	0	1	0	0.480	0.08
117	114	9.35	3.04	2.5	45.87	39.7	0	0	576	1	1	0	0	1	0	0.480	0.08
118	115	9.43	3.28	2.5	44.07	36.46	0	0	669	1	1	0	0	1	0	0.480	0.08

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	3.47	2.6	40.63	33.77	0	0	701	1	1	0	0	1	0	0.480	0.08
120	117	9.6	3.57	2.6	37.21	30.95	0	0	670	1	0	0	0	1	0	0.480	0.08
121	118	9.68	3.66	2.6	34.71	28.06	0	0	649	1	0	0	0	1	0	0.480	0.08
122	119	9.76	3.65	2.6	33.66	27.59	0	0	613	1	0	0	0	1	0	0.480	0.08
123	120	9.84	3.47	2.6	34.13	28.51	0	0	539	1	0	0	0	1	0	0.480	0.08
124	121	9.92	3.42	2.6	34.79	29.64	0	0	532	1	0	0	0	1	0	0.480	0.08
125	122	10.01	3.41	2.6	35.55	29.53	0	0	546	1	0	0	0	1	0	0.480	0.08
126	123	10.09	3.55	2.6	36.04	30.66	0	0	627	1	0	0	0	1	0	0.480	0.08
127	124	10.17	3.62	2.6	36.06	30.89	0	0	666	1	0	0	0	1	0	0.480	0.08
128	125	10.25	3.78	2.6	35.69	29.78	0	0	749	1	0	0	0	1	0	0.480	0.08
129	126	10.33	3.81	2.6	35.03	29.8	0	0	746	1	0	0	0	1	0	0.480	0.08
130	127	10.42	3.8	2.7	33.54	29.46	0	0	691	1	0	0	0	1	0	0.480	0.08
131	128	10.5	3.59	2.7	31.77	26.29	0	0	531	1	0	0	0	1	0	0.480	0.08
132	129	10.58	3.16	2.6	31.98	25.8	0	0	373	1	0	0	0	1	0	0.480	0.08
133	130	10.66	2.46	2.5	36.07	30.72	0	0	245	1	1	1	0	1	0	0.480	0.08
134	131	10.74	1.92	2.4	42.05	38.23	0	0	189	1	1	1	0	1	0	0.480	0.08
135	132	10.83	1.61	2.3	48.02	43.2	0	0	170	1	1	1	0	1	0	0.480	0.08
136	133	10.91	1.46	2.2	52.49	48.24	0	0	[illegible]	1	1	1	0	1	0	0.480	0.08
137	134	10.99	1.36	2.2	55.67	51.46	0	0	64	1	1	1	0	1	0	0.480	0.08
138	135	11.07	1.3	2.2	57.19	52.8	0	0	[illegible]	1	1	1	0	1	0	0.480	0.08
139	136	11.15	1.28	2.2	57.05	53.05	0	0	157	1	1	1	0	1	0	0.480	0.08
140	137	11.24	1.28	2.2	55.95	51.53	0	0	153	1	1	1	0	1	0	0.480	0.08
141	138	11.32	1.27	2.2	54.63	49.99	0	0	147	1	1	1	0	1	0	0.480	0.08
142	139	11.4	1.24	2.2	53.75	49.69	0	0	140	1	1	1	0	1	0	0.480	0.08
143	140	11.48	1.26	2.2	53.29	49.43	0	0	141	1	1	1	0	1	0	0.480	0.08
144	141	11.56	1.35	2.2	52.75	48.76	0	0	151	1	1	1	0	1	0	0.480	0.08
145	142	11.65	1.52	2.2	52.04	47.92	0	0	174	1	1	1	0	1	0	0.480	0.08
146	143	11.73	1.71	2.3	51.46	46.86	0	0	205	1	1	1	0	1	0	0.480	0.08
147	144	11.81	1.9	2.3	51.25	46.53	0	0	243	1	1	1	0	1	0	0.480	0.08
148	145	11.89	2	2.3	51.52	46.9	0	0	268	1	1	1	0	1	0	0.480	0.08
149	146	11.97	2.01	2.3	52.13	47.5	0	0	275	1	1	1	0	1	0	0.480	0.08
150	147	12.06	1.98	2.3	52.47	48.37	0.02	0.26	269	1	1	1	0	1	0	0.480	0.08
151	148	12.14	1.99	2.3	52.01	48.16	0.02	0.26	269	1	1	1	0	1	0	0.460	0.08
152	149	12.22	1.94	2.3	50.82	46.48	0.02	0.28	249	1	1	1	0	1	0	0.440	0.08
153	150	12.3	1.85	2.3	49.59	45.55	0.02	0.29	222	1	1	1	0	1	0	0.420	0.08
154	151	12.38	1.69	2.3	48.95	45.29	0.02	0.29	188	1	1	1	0	1	0	0.400	0.08
155	152	12.47	1.62	2.3	48.81	45.44	0.02	0.29	176	1	1	1	0	1	0	0.380	0.08
156	153	12.55	1.7	2.3	48.63	45.61	0	0	188	1	1	1	0	1	0	0.360	0.08
157	154	12.63	1.89	2.3	48.21	44.75	0	0	222	1	1	1	0	1	0	0.360	0.08
158	155	12.71	2.14	2.4	47.24	43.87	0	0	271	1	1	1	0	1	0	0.360	0.08

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	2.37	2.4	44.45	42.56	0	0	306	1	1	1	0	1	0	0.360	0.08
160	157	12.88	2.75	2.5	38.92	36.84	0	0	354	1	1	1	0	1	0	0.360	0.08
161	158	12.96	3.34	2.6	32.27	28.36	0	0	441	1	0	0	0	1	0	0.360	0.08
162	159	13.04	3.86	2.7	26.96	24	0	0	499	1	0	0	0	1	0	0.360	0.08
163	160	13.12	3.89	2.8	24.17	22.23	0	0	413	1	0	0	0	1	0	0.360	0.08
164	161	13.21	3.64	2.8	22.24	20.92	0	0	280	1	0	0	0	1	0	0.360	0.08
165	162	13.29	3.48	2.8	20.34	19.01	0	0	197	1	0	0	0	1	0	0.360	0.08
166	163	13.37	3.49	2.8	18.55	17.22	0	0	153	1	0	0	0	1	0	0.360	0.08
167	164	13.45	3.36	2.8	17.42	16.11	0	0	112	1	0	0	0	1	0	0.360	0.08
168	165	13.53	3.07	2.8	17.08	16.04	0	0	81	1	0	0	0	1	0	0.360	0.08
169	166	13.62	2.83	2.8	17.17	16.43	0	0	67	1	0	1	1	1	0	0.360	0.08
170	167	13.7	2.84	2.8	16.77	16.5	0	0	62	1	0	1	1	1	0	0.360	0.08
171	168	13.78	2.95	2.8	15.99	15.03	0	0	56	1	0	1	1	1	0	0.360	0.08
172	169	13.86	2.98	2.8	15.41	14.37	0	0	48	1	0	1	1	1	0	0.360	0.08
173	170	13.94	2.87	2.8	15.77	14.95	0	0	49	1	0	1	1	1	0	0.360	0.08
174	171	14.03	2.71	2.8	17.25	16.11	0	0	62	1	0	1	1	1	0	0.360	0.08
175	172	14.11	2.73	2.8	18.9	18.62	0	0	84	1	0	1	0	1	0	0.360	0.08
176	173	14.19	2.7	2.7	20.36	19.62	0	0	101	1	0	1	0	1	0	0.360	0.08
177	174	14.27	2.77	2.7	20.57	20.34	0	0	110	1	0	1	0	1	0	0.360	0.08
178	175	14.35	2.82	2.7	19.94	19.31	0	0	106	1	0	1	0	1	0	0.360	0.08
179	176	14.44	3.08	2.8	18.72	17.95	0	0	111	1	0	0	0	1	0	0.360	0.08
180	177	14.52	3.32	2.8	17.77	16.86	0	0	116	1	0	0	0	1	0	0.360	0.08
181	178	14.6	3.45	2.8	17.39	16.57	0	0	120	1	0	0	0	1	0	0.360	0.08
182	179	14.68	3.42	2.8	17.5	16.83	0	0	119	1	0	0	0	1	0	0.360	0.08
183	180	14.76	3.42	2.8	17.77	17.23	0	0	126	1	0	0	0	1	0	0.360	0.08
184	181	14.85	3.48	2.8	17.93	17.41	0	0	136	1	0	0	0	1	0	0.360	0.08
185	182	14.93	3.58	2.8	18.02	17.39	0	0	151	1	0	0	0	1	0	0.360	0.08
186	183	15.01	3.67	2.8	18.3	17.57	0	0	171	1	0	0	0	1	0	0.360	0.08
187	184	15.09	3.75	2.8	18.6	18.31	0	0	192	1	0	0	0	1	0	0.360	0.08
188	185	15.17	3.84	2.8	18.88	18.36	0	0	217	1	0	0	0	1	0	0.360	0.08
189	186	15.26	3.92	2.9	18.93	18.47	0	0	233	1	0	0	0	1	0	0.360	0.08
190	187	15.34	3.95	2.9	18.99	18.57	0	0	241	1	0	0	0	1	0	0.360	0.08
191	188	15.42	3.93	2.8	19.02	18.66	0	0	238	1	0	0	0	1	0	0.360	0.08
192	189	15.5	3.9	2.8	19	18.73	0	0	232	1	0	0	0	1	0	0.360	0.08
193	190	15.58	3.72	2.8	18.93	18.63	0	0	198	1	0	0	0	1	0	0.360	0.08
194	191	15.67	3.51	2.8	18.8	18.64	0	0	162	1	0	0	0	1	0	0.360	0.08
195	192	15.75	3.26	2.8	18.66	18.51	0	0	128	1	0	0	0	1	0	0.360	0.08
196	193	15.83	3.28	2.8	18.59	18.38	0	0	129	1	0	0	0	1	0	0.360	0.08
197	194	15.91	3.47	2.8	18.58	18.48	0	0	151	1	0	0	0	1	0	0.360	0.08
198	195	15.99	3.74	2.8	18.78	18.55	0	0	196	1	0	0	0	1	0	0.360	0.08

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	3.92	2.8	19.11	18.99	0	0	240	1	0	0	0	1	0	0.360	0.08
200	197	16.16	3.98	2.8	19.38	19.42	0	0	262	1	0	0	0	1	0	0.360	0.08
201	198	16.24	3.99	2.8	19.52	19.34	0	0	270	1	0	0	0	1	0	0.360	0.08
202	199	16.32	4	2.8	19.42	19.41	0	0	268	1	0	0	0	1	0	0.360	0.08
203	200	16.4	4	2.9	19.19	19.26	0	0	259	1	0	0	0	1	0	0.360	0.08
204	201	16.49	3.98	2.9	18.83	18.75	0	0	241	1	0	0	0	1	0	0.360	0.08
205	202	16.57	3.93	2.9	18.41	18.51	0	0	216	1	0	0	0	1	0	0.360	0.08
206	203	16.65	3.92	2.9	18.17	18.17	0	0	206	1	0	0	0	1	0	0.360	0.08
207	204	16.73	3.92	2.9	18.04	18.16	0	0	201	1	0	0	0	1	0	0.360	0.08
208	205	16.81	3.92	2.9	18.08	18.23	0	0	202	1	0	0	0	1	0	0.360	0.08
209	206	16.9	3.92	2.9	18.16	18.38	0	0	205	1	0	0	0	1	0	0.360	0.08
210	207	16.98	4.03	2.9	18.14	18.53	0	0	224	1	0	0	0	1	0	0.360	0.08
211	208	17.06	4.18	2.9	18.02	18.29	0	0	248	1	0	0	0	1	0	0.360	0.08
212	209	17.14	4.32	2.9	17.78	18.15	0	0	266	1	0	0	0	1	0	0.360	0.08
213	210	17.22	4.38	2.9	17.38	17.93	0	0	258	1	0	0	0	1	0	0.360	0.08
214	211	17.31	4.48	2.9	16.92	17.22	0	0	253	1	0	0	0	1	0	0.360	0.08
215	212	17.39	4.59	2.9	16.61	16.95	0	0	257	1	0	0	0	1	0	0.360	0.08
216	213	17.47	4.51	2.9	16.84	17.12	0	0	254	1	0	0	0	1	0	0.360	0.08
217	214	17.55	4.31	2.9	17.25	18.03	0	0	237	1	0	0	0	1	0	0.360	0.08
218	215	17.63	4.08	2.9	17.6	18.25	0	0	211	1	0	0	0	1	0	0.360	0.08
219	216	17.72	4.02	2.9	17.64	18.31	0	0	202	1	0	0	0	1	0	0.360	0.08
220	217	17.8	4.06	2.9	17.51	18.25	0	0	204	1	0	0	0	1	0	0.360	0.08
221	218	17.88	4.1	2.9	17.36	17.94	0	0	204	1	0	0	0	1	0	0.360	0.08
222	219	17.96	4.09	2.9	17.18	17.97	0	0	195	1	0	0	0	1	0	0.360	0.08
223	220	18.04	4.04	2.9	16.99	17.81	0	0	180	1	0	0	0	1	0	0.360	0.08
224	221	18.13	4.02	2.9	16.63	17.48	0	0	163	1	0	0	0	1	0	0.360	0.08
225	222	18.21	4.11	2.9	16.24	17	0	0	159	1	0	0	0	1	0	0.360	0.08
226	223	18.29	4.36	2.9	15.86	16.69	0	0	175	1	0	0	0	1	0	0.360	0.08
227	224	18.37	4.58	3.0	15.48	16.4	0	0	185	1	0	0	0	1	0	0.360	0.08
228	225	18.45	4.69	3.0	14.95	15.95	0	0	166	1	0	0	0	1	0	0.360	0.08
229	226	18.54	4.66	3.0	14.28	15.28	0	0	118	1	0	0	0	1	0	0.360	0.08
230	227	18.62	4.68	3.0	13.32	14.55	0	0	55	1	0	0	1	1	0	0.360	0.08
231	228	18.7	4.62	3.0	12.33	13.18	0	0	-11	1	0	0	1	1	0	0.360	0.08
232	229	18.78	4.4	3.1	11.45	12.33	0	0	-56	1	0	0	1	1	0	0.360	0.08
233	230	18.86	3.92	3.0	10.91	11.87	0	0	-58	1	0	0	1	1	0	0.360	0.08
234	231	18.95	3.28	3.0	10.63	11.49	0	0	-40	1	0	0	1	1	0	0.360	0.08
235	232	19.03	2.88	3.0	10.56	11.47	0	0	-29	1	0	1	1	1	0	0.360	0.08
236	233	19.11	2.76	3.0	10.7	11.65	0	0	-24	1	0	1	1	1	0	0.360	0.08
237	234	19.19	2.98	3.0	10.88	11.95	0	0	-27	1	0	1	1	1	0	0.360	0.08
238	235	19.27	3.25	3.0	11.06	12.05	0	0	-30	1	0	0	1	1	0	0.360	0.08

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	3.44	3.0	11.15	12.19	0	0	-33	1	0	0	1	1	0	0.360	0.08
240	237	19.44	3.56	3.0	11.07	12.24	0	0	-38	1	0	0	1	1	0	0.360	0.08
241	238	19.52	3.65	3.0	10.71	11.82	0	0	-52	1	0	0	1	1	0	0.360	0.08
242	239	19.6	3.73	3.0	10.34	11.16	0	0	-67	1	0	0	1	1	0	0.360	0.08
243	240	19.68	3.7	3.0	10.32	11.19	0	0	-66	1	0	0	1	1	0	0.360	0.08
244	241	19.77	3.48	3.0	11.11	11.86	0	0	-35	1	0	0	1	1	0	0.360	0.08
245	242	19.85	3.25	2.9	12.26	13.69	0	0	-5	1	0	0	1	1	0	0.360	0.08
246	243	19.93	3.17	2.9	12.96	14.84	0	0	9	1	0	0	1	1	0	0.360	0.08
247	244	20.01	3.28	2.9	12.75	14.23	0	0	5	1	0	0	1	1	0	0.360	0.08
248	245	20.09	3.55	3.0	12.2	13.21	0	0	-8	1	0	0	1	1	0	0.360	0.08
249	246	20.18	3.77	3.0	12.34	13.19	0	0	-5	1	0	0	1	1	0	0.360	0.08
250	247	20.26	3.84	3.0	13.69	14.66	0	0	40	1	0	0	1	1	0	0.360	0.08
251	248	20.34	3.61	2.9	16.09	17.41	0	0	101	1	0	0	0	1	0	0.360	0.08
252	249	20.42	3.32	2.8	18.78	20.93	0	0	138	1	0	0	0	1	0	0.360	0.08
253	250	20.5	3.11	2.8	21	23.44	0	0	156	1	0	0	0	1	0	0.360	0.08
254	251	20.59	3.02	2.7	22.39	24.83	0	0	168	1	0	0	0	1	0	0.360	0.08
255	252	20.67	2.9	2.7	23.32	25.72	0	0	165	1	0	1	0	1	0	0.360	0.08
256	253	20.75	2.68	2.7	24.28	26.56	0	0	149	1	0	1	0	1	0	0.360	0.08
257	254	20.83	2.55	2.6	25.4	27.92	0	0	45	1	0	1	0	1	0	0.360	0.08
258	255	20.92	2.62	2.6	26.58	29.28	0	0	109	1	0	1	0	1	0	0.360	0.08
259	256	21	2.78	2.6	27.57	30.47	0	0	208	1	0	1	0	1	0	0.360	0.08
260	257	21.08	3.16	2.7	26.68	31.28	0	0	271	1	0	0	0	1	0	0.360	0.08
261	258	21.16	3.81	2.8	23.66	26.82	0	0	370	1	0	0	0	1	0	0.360	0.08
262	259	21.24	4.82	2.9	19.53	21.3	0	0	528	1	0	0	0	1	0	0.360	0.08
263	260	21.33	5.66	3.0	16.43	18.35	0	0	566	1	0	0	0	1	0	0.360	0.08
264	261	21.41	5.85	3.0	14.54	16.75	0	0	339	1	0	0	0	1	0	0.360	0.08
265	262	21.49	5.54	3.1	13.1	15.21	0	0	79	1	0	0	1	1	0	0.360	0.08
266	263	21.57	4.92	3.1	11.91	13.67	0	0	-48	1	0	0	1	1	0	0.360	0.08
267	264	21.65	4.27	3.1	11.16	12.79	0	0	-65	1	0	0	1	1	0	0.360	0.08
268	265	21.74	3.67	3.0	10.92	12.66	0	0	-47	1	0	0	1	1	0	0.360	0.08
269	266	21.82	3.33	3.0	10.71	12.78	0	0	-40	1	0	0	1	1	0	0.360	0.08
270	267	21.9	3.22	3.0	10.37	12.01	0	0	-43	1	0	0	1	1	0	0.360	0.08
271	268	21.98	3.29	3.0	9.93	11.45	0	0	-55	1	0	0	1	1	0	0.360	0.08
272	269	22.06	3.32	3.0	9.73	11.28	0	0	-61	1	0	0	1	1	0	0.360	0.08
273	270	22.15	3.16	3.0	9.82	11.27	0	0	-51	1	0	0	1	1	0	0.360	0.08
274	271	22.23	2.93	3.0	10.01	11.69	0	0	-39	1	0	1	1	1	0	0.360	0.08
275	272	22.31	2.88	3.0	10.08	11.84	0	0	-36	1	0	1	1	1	0	0.360	0.08
276	273	22.39	2.98	3.0	9.99	11.51	0	0	-41	1	0	1	1	1	0	0.360	0.08
277	274	22.47	3.18	3.0	10.03	11.41	0	0	-48	1	0	0	1	1	0	0.360	0.08
278	275	22.56	3.36	3.0	10.24	11.87	0	0	-51	1	0	0	1	1	0	0.360	0.08

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	3.41	3.0	10.55	12.16	0	0	-46	1	0	0	1	1	0	0.360	0.08
280	277	22.72	3.33	3.0	10.7	12.45	0	0	-40	1	0	0	1	1	0	0.360	0.08
281	278	22.8	3.2	3.0	10.59	12.55	0	0	-38	1	0	0	1	1	0	0.360	0.08
282	279	22.88	3.1	3.0	10.26	12	0	0	-41	1	0	0	1	1	0	0.360	0.08
283	280	22.97	3.13	3.0	9.85	11.49	0	0	-49	1	0	0	1	1	0	0.360	0.08
284	281	23.05	3.11	3.0	9.68	11.25	0	0	-52	1	0	0	1	1	0	0.360	0.08
285	282	23.13	3.12	3.0	9.85	11.42	0	0	-49	1	0	0	1	1	0	0.360	0.08
286	283	23.21	3.11	3.0	10.37	11.99	0	0	-39	1	0	0	1	1	0	0.360	0.08
287	284	23.29	3.21	3.0	10.91	13.06	0	0	-32	1	0	0	1	1	0	0.360	0.08
288	285	23.38	3.43	3.0	11.19	13.43	0	0	-32	1	0	0	1	1	0	0.360	0.08
289	286	23.46	3.6	3.0	11.39	13.18	0	0	-31	1	0	0	1	1	0	0.360	0.08
290	287	23.54	3.48	3.0	12.27	13.96	0	0	-6	1	0	0	1	1	0	0.360	0.08
291	288	23.62	3.08	2.9	14.63	16.42	0	0	38	1	0	0	1	1	0	0.360	0.08
292	289	23.7	3.01	2.8	17.18	21.31	0	0	79	1	0	0	1	1	0	0.360	0.08
293	290	23.79	3.19	2.8	18.77	22.86	0	0	123	1	0	0	0	1	0	0.360	0.08
294	291	23.87	3.51	2.8	18.55	22.33	0	0	156	1	0	0	0	1	0	0.360	0.08
295	292	23.95	3.65	2.9	17.83	21.25	0	0	154	1	0	0	0	1	0	0.360	0.08
296	293	24.03	3.7	2.9	17.41	20.65	0	0	148	1	0	0	0	1	0	0.360	0.08
297	294	24.11	3.83	2.9	17.33	20.91	0	0	163	1	0	0	0	1	0	0.360	0.08
298	295	24.2	4.03	2.9	16.5	21.02	0	0	179	1	0	0	0	1	0	0.360	0.08
299	296	24.28	4.04	2.9	14.93	17.87	0	0	97	1	0	0	0	1	0	0.360	0.08
300	297	24.36	4.05	3.0	12.89	15.61	0	0	16	1	0	0	1	1	0	0.360	0.08
301	298	24.44	4.08	3.0	11.32	13.98	0	0	-49	1	0	0	1	1	0	0.360	0.08
302	299	24.52	4.39	3.1	10.27	12.37	0	0	-119	1	0	0	1	1	0	0.360	0.08
303	300	24.61	4.62	3.1	9.66	11.74	0	0	-182	1	0	0	1	1	0	0.360	0.08
304	301	24.69	4.77	3.1	9.73	11.63	0	0	-200	1	0	0	1	1	0	0.360	0.08
305	302	24.77	4.51	3.1	11.06	12.47	0	0	-84	1	0	0	1	1	0	0.360	0.08
306	303	24.85	3.85	3.0	13.79	16.33	0	0	44	1	0	0	1	1	0	0.360	0.08
307	304	24.93	3.17	2.8	17.19	21.34	0	0	91	1	0	0	0	1	0	0.360	0.08
308	305	25.02	2.75	2.7	20.13	24.69	0	0	102	1	0	1	0	1	0	0.360	0.08
309	306	25.1	2.53	2.7	21.93	26.45	0	0	104	1	0	1	0	1	0	0.360	0.08
310	307	25.18	2.48	2.7	22.63	27.54	0	0	107	1	0	1	0	1	0	0.360	0.08
311	308	25.26	2.62	2.7	22.01	27.14	0	0	114	1	0	1	0	1	0	0.360	0.08
312	309	25.34	2.75	2.7	20.5	24.61	0	0	107	1	0	1	0	1	0	0.360	0.08
313	310	25.43	2.71	2.8	18.98	22.62	0	0	84	1	0	1	0	1	0	0.360	0.08
314	311	25.51	2.5	2.7	18.74	22.02	0	0	67	1	0	1	1	1	0	0.360	0.08
315	312	25.59	2.32	2.7	20.12	23.68	0	0	70	1	0	1	1	1	0	0.360	0.08
316	313	25.67	2.35	2.7	21.55	27.15	0	0	85	1	0	1	0	1	0	0.360	0.08
317	314	25.75	2.29	2.6	22.41	26.83	0	0	88	1	0	1	0	1	0	0.360	0.08
318	315	25.84	2.2	2.6	23.07	26.5	0	0	87	1	0	1	0	1	0	0.360	0.08

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	1.97	2.6	25.03	29.23	0.02	0.4	84	1	1	1	0	1	0	0.360	0.08
320	317	26	1.93	2.5	26.22	33.13	0.02	0.36	88	1	1	1	0	1	0	0.340	0.08
321	318	26.08	2.08	2.6	25.52	30.49	0.02	0.39	96	1	1	1	0	1	0	0.320	0.08
322	319	26.16	2.38	2.6	23.62	27.26	0	0	108	1	0	1	0	1	0	0.300	0.08
323	320	26.25	2.67	2.7	22.03	27.23	0	0	119	1	0	1	0	1	0	0.300	0.08
324	321	26.33	2.76	2.7	21.64	25.54	0	0	124	1	0	1	0	1	0	0.300	0.08
325	322	26.41	2.69	2.7	22.06	26.07	0	0	122	1	0	1	0	1	0	0.300	0.08
326	323	26.49	2.46	2.6	24.33	28.61	0	0	123	1	0	1	0	1	0	0.300	0.08
327	324	26.57	2.3	2.6	27.39	33	0	0	134	1	1	1	0	1	0	0.300	0.08
328	325	26.66	2.08	2.5	31.36	36.27	0	0	139	1	1	1	0	1	0	0.300	0.08
329	326	26.74	1.7	2.4	36.1	41.71	0	0	123	1	1	1	0	1	0	0.300	0.08
330	327	26.82	1.29	2.3	41.74	48.03	0	0	104	1	1	1	0	1	0	0.300	0.08
331	328	26.9	1.03	2.2	46.97	53.56	0	0	96	1	1	1	0	1	0	0.300	0.08
332	329	26.98	0.94	2.1	49.8	57.41	0	0	95	1	1	1	0	1	0	0.300	0.08
333	330	27.07	0.86	2.1	49.65	56.53	0.02	0.27	87	1	1	1	0	1	0	0.300	0.08
334	331	27.15	0.74	2.1	46.98	52.41	0.02	0.31	72	1	1	1	1	1	0.02	0.280	0.08
335	332	27.23	0.67	2.1	42.85	47.91	0	0	59	1	1	1	1	1	0	0.260	0.06
336	333	27.31	0.77	2.2	37.67	42.82	0	0	54	1	1	1	1	1	0	0.260	0.06
337	334	27.39	1.19	2.4	32.3	36.79	0	0	64	1	1	1	1	1	0	0.260	0.06
338	335	27.48	1.83	2.5	27.7	32.55	0	0	89	1	1	1	0	1	0	0.260	0.06
339	336	27.56	2.6	2.6	24.82	29.46	0	0	145	1	0	1	0	1	0	0.260	0.06
340	337	27.64	3.11	2.7	23.9	28.42	0	0	209	1	0	0	0	1	0	0.260	0.06
341	338	27.72	3.06	2.7	26.6	30.08	0	0	248	1	0	0	0	1	0	0.260	0.06
342	339	27.8	2.42	2.5	34.63	38.79	0	0	222	1	1	1	0	1	0	0.260	0.06
343	340	27.89	1.78	2.3	47	55.15	0	0	194	1	1	1	0	1	0	0.260	0.06
344	341	27.97	1.33	2.2	59.2	70.35	0	0	172	1	1	1	0	1	0	0.260	0.06
345	342	28.05	1.01	2.1	67.99	76.99	0	0	151	1	1	1	0	1	0	0.260	0.06
346	343	28.13	0.81	2.0	72.51	80.76	0	0	134	1	1	1	0	1	0	0.260	0.06
347	344	28.21	0.71	1.9	74.24	81.51	0	0	125	1	1	1	0	1	0	0.260	0.06
348	345	28.3	0.69	1.9	73.63	80.22	0.02	0.27	122	1	1	1	0	1	0	0.260	0.06
349	346	28.38	0.7	1.9	71.66	78.23	0.02	0.26	119	1	1	1	0	1	0	0.240	0.06
350	347	28.46	0.72	2.0	69.14	75.79	0.02	0.25	116	1	1	1	0	1	0	0.220	0.06
351	348	28.54	0.72	2.0	66.25	72.87	0.02	0.26	110	1	1	1	0	1	0	0.200	0.06
352	349	28.63	0.68	2.0	63.75	69.29	0.02	0.28	101	1	1	1	0	1	0	0.180	0.06
353	350	28.71	0.59	2.0	61.82	67.2	0.02	0.32	89	1	1	1	0	1	0	0.160	0.06
354	351	28.79	0.46	1.9	60.8	64.86	0.02	0.42	77	1	1	1	1	1	0.02	0.140	0.06
355	352	28.87	0.42	1.9	60	63.43	0.02	0.47	73	1	1	1	1	1	0.02	0.120	0.04
356	353	28.95	0.45	1.9	59.78	63.49	0.02	0.44	74	1	1	1	1	1	0.02	0.100	0.02
357	354	29.04	0.53	1.9	60.02	65.03	0.02	0.36	81	1	1	1	0	1	0	0.080	0
358	355	29.12	0.56	1.9	60.85	66.04	0.02	0.34	85	1	1	1	0	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	0.57	2.0	60.93	67.11	0	0	86	1	1	1	0	1	0	0.040	0
360	357	29.28	0.62	2.0	59.07	65.94	0	0	87	1	1	1	0	1	0	0.040	0
361	358	29.36	0.75	2.1	54.6	61.62	0	0	89	1	1	1	0	1	0	0.040	0
362	359	29.45	1.06	2.2	49.29	55.35	0	0	105	1	1	1	0	1	0	0.040	0
363	360	29.53	1.37	2.3	44.63	52.07	0	0	123	1	1	1	0	1	0	0.040	0
364	361	29.61	1.66	2.4	40.99	48.57	0	0	143	1	1	1	0	1	0	0.040	0
365	362	29.69	1.8	2.4	37.89	44.65	0	0	145	1	1	1	0	1	0	0.040	0
366	363	29.77	2	2.4	36.25	42.2	0	0	163	1	1	1	0	1	0	0.040	0
367	364	29.86	2.23	2.5	35.43	43.68	0	0	194	1	1	1	0	1	0	0.040	0
368	365	29.94	2.52	2.5	34.9	42.49	0	0	245	1	1	1	0	1	0	0.040	0
369	366	30.02	2.89	2.6	33.21	41.15	0	0	314	1	1	1	0	1	0	0.040	0
370	367	30.1	3.42	2.7	30.78	38.7	0	0	436	1	0	0	0	1	0	0.040	0
371	368	30.18	4.16	2.7	27.76	35.08	0	0	674	1	0	0	0	1	0	0.040	0
372	369	30.27	5.12	2.8	24.41	31.53	0	0	1132	1	0	0	0	1	0	0.040	0
373	370	30.35	6.14	2.9	21.71	27.41	0	0	1905	1	0	0	0	1	0	0.040	0
374	371	30.43	7.01	3.0	19.61	24.88	0	0	2779	1	0	0	0	1	0	0.040	0
375	372	30.51	7.24	3.0	18.5	23.64	0	0	2764	1	0	0	0	1	0	0.040	0
376	373	30.59	6.57	3.0	18.69	23.25	0	0	[illegible]	1	0	0	0	1	0	0.040	0
377	374	30.68	5.46	2.9	20.26	25.66	0	0	[illegible]	1	0	0	0	1	0	0.040	0
378	375	30.76	4.46	2.8	23.06	29.64	0	0	[illegible]	1	0	0	0	1	0	0.040	0
379	376	30.84	3.84	2.7	26.64	34	0	0	[illegible]	1	0	0	0	1	0	0.040	0
380	377	30.92	3.4	2.7	30.09	37.97	0	0	[illegible]	1	0	0	0	1	0	0.040	0
381	378	31	3.09	2.6	32.82	41.47	0.01	0.28	366	1	0	0	0	1	0	0.040	0
382	379	31.09	2.95	2.6	34.33	43.3	0.01	0.26	349	1	1	1	0	1	0	0.030	0
383	380	31.17	2.98	2.6	34.19	43.17	0.01	0.27	355	1	1	1	0	1	0	0.020	0
384	381	31.25	3.06	2.6	32.67	41.15	0.01	0.28	354	1	0	0	0	1	0	0.010	0
385	382	31.33	3.09	2.6	30.76	38.16	0	[illegible]	329	1	0	0	0	1	0	0.000	0
386	383	31.41	3.06	2.6	28.95	36.47	0	0	289	1	0	0	0	1	0	0.000	0
387	384	31.5	3.19	2.7	27.45	34.73	0	0	294	1	0	0	0	1	0	0.000	0
388	385	31.58	3.56	2.7	25.89	33.13	0	0	360	1	0	0	0	1	0	0.000	0
389	386	31.66	4.17	2.8	24.09	31.51	0	0	516	1	0	0	0	1	0	0.000	0
390	387	31.74	4.73	2.8	22.5	29.07	0	0	699	1	0	0	0	1	0	0.000	0
391	388	31.82	5	2.9	21.73	27.53	0	0	798	1	0	0	0	1	0	0.000	0
392	389	31.91	4.72	2.8	22.49	28.6	0	0	693	1	0	0	0	1	0	0.000	0
393	390	31.99	4.09	2.8	24.32	32.09	0	0	493	1	0	0	0	1	0	0.000	0
394	391	32.07	3.37	2.7	26.41	34.07	0	0	318	1	0	0	0	1	0	0.000	0
395	392	32.15	2.93	2.7	26.55	35.3	0	0	220	1	0	1	0	1	0	0.000	0
396	393	32.23	2.9	2.7	23.73	31.96	0	0	172	1	0	1	0	1	0	0.000	0
397	394	32.32	3.44	2.8	18.86	24.03	0	0	154	1	0	0	0	1	0	0.000	0
398	395	32.4	4.59	3.0	14.39	18.54	0	0	118	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	5.96	3.1	11.28	14.85	0	0	-221	1	0	0	1	1	0	0.000	0
400	397	32.56	6.79	3.2	9.45	12.28	0	0	-1017	1	0	0	1	1	0	0.000	0
401	398	32.64	6.58	3.3	8.38	11.7	0	0	-1179	1	0	0	1	1	0	0.000	0
402	399	32.73	5.97	3.3	7.53	10.82	0	0	-905	1	0	0	1	1	0	0.000	0
403	400	32.81	5.55	3.3	6.62	9.12	0	0	-779	1	0	0	1	1	0	0.000	0
404	401	32.89	5.36	3.3	5.85	8.33	0	0	-761	1	0	0	1	1	0	0.000	0
405	402	32.97	4.94	3.3	5.54	7.98	0	0	-574	1	0	0	1	1	0	0.000	0
406	403	33.05	4.42	3.3	5.43	7.98	0	0	-386	1	0	0	1	1	0	0.000	0
407	404	33.14	4.17	3.3	5.42	7.94	0	0	-315	1	0	0	1	1	0	0.000	0
408	405	33.22	4.29	3.3	5.44	7.95	0	0	-347	1	0	0	1	1	0	0.000	0
409	406	33.3	4.54	3.3	5.5	8.04	0	0	-420	1	0	0	1	1	0	0.000	0
410	407	33.38	4.8	3.3	5.63	8.19	0	0	-508	1	0	0	1	1	0	0.000	0
411	408	33.46	4.97	3.3	5.76	8.41	0	0	-569	1	0	0	1	1	0	0.000	0
412	409	33.55	5.03	3.3	5.83	8.52	0	0	-591	1	0	0	1	1	0	0.000	0
413	410	33.63	5.03	3.3	5.82	8.49	0	0	-592	1	0	0	1	1	0	0.000	0
414	411	33.71	4.99	3.3	5.72	8.38	0	0	-582	1	0	0	1	1	0	0.000	0
415	412	33.79	4.89	3.3	5.54	8.15	0	0	-552	1	0	0	1	1	0	0.000	0
416	413	33.87	4.56	3.3	5.34	7.84	0	0	-527	1	0	0	1	1	0	0.000	0
417	414	33.96	4.1	3.3	5.17	7.66	0	0	-508	1	0	0	1	1	0	0.000	0
418	415	34.04	3.85	3.3	5.04	7.5	0	0	-2[illegible]5	1	0	0	1	1	0	0.000	0
419	416	34.12	3.82	3.3	5.04	7.35	0	0	-249	1	0	0	1	1	0	0.000	0
420	417	34.2	3.84	3.3	5.4	7.68	0	0	-241	1	0	0	1	1	0	0.000	0
421	418	34.28	3.59	3.2	6.45	8.79	0	0	-167	1	0	0	1	1	0	0.000	0
422	419	34.37	2.89	3.0	9.29	11.23	0	0	-49	1	0	1	1	1	0	0.000	0
423	420	34.45	2.56	2.9	13.05	18.36	0	0	6	1	0	1	1	1	0	0.000	0
424	421	34.53	2.82	2.8	15.34	23.13	0	0	40	1	0	1	1	1	0	0.000	0
425	422	34.61	3.46	2.9	14.47	20.13	0	0	49	1	0	0	1	1	0	0.000	0
426	423	34.69	4.49	3.1	11.55	15.2	0	0	-55	1	0	0	1	1	0	0.000	0
427	424	34.78	5.15	3.2	8.92	12.03	0	0	-348	1	0	0	1	1	0	0.000	0
428	425	34.86	5.8	3.3	6.98	10.06	0	0	-884	1	0	0	1	1	0	0.000	0
429	426	34.94	5.97	3.4	5.69	7.77	0	0	-1240	1	0	0	1	1	0	0.000	0
430	427	35.02	5.84	3.4	4.89	7.1	0	0	-1257	1	0	0	1	1	0	0.000	0
431	428	35.1	4.86	3.4	4.69	6.98	0	0	-605	1	0	0	1	1	0	0.000	0
432	429	35.19	4.11	3.3	4.72	7	0	0	-330	1	0	0	1	1	0	0.000	0
433	430	35.27	3.65	3.3	4.82	7.18	0	0	-223	1	0	0	1	1	0	0.000	0
434	431	35.35	3.33	3.3	4.94	7.31	0	0	-167	1	0	0	1	1	0	0.000	0
435	432	35.43	3.12	3.3	5	7.45	0	0	-139	1	0	0	1	1	0	0.000	0
436	433	35.51	3.1	3.3	5.01	7.41	0	0	-136	1	0	0	1	1	0	0.000	0
437	434	35.6	3.22	3.3	5	7.33	0	0	-151	1	0	0	1	1	0	0.000	0
438	435	35.68	3.37	3.3	4.98	7.36	0	0	-172	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	3.57	3.3	4.95	7.25	0	0	-205	1	0	0	1	1	0	0.000	0
440	437	35.84	3.74	3.3	4.84	7.14	0	0	-239	1	0	0	1	1	0	0.000	0
441	438	35.92	3.77	3.3	4.68	6.94	0	0	-250	1	0	0	1	1	0	0.000	0
442	439	36.01	3.64	3.3	4.51	6.63	0	0	-230	1	0	0	1	1	0	0.000	0
443	440	36.09	3.54	3.3	4.41	6.49	0	0	-214	1	0	0	1	1	0	0.000	0
444	441	36.17	3.53	3.3	4.39	6.55	0	0	-212	1	0	0	1	1	0	0.000	0
445	442	36.25	3.56	3.3	4.43	6.51	0	0	-217	1	0	0	1	1	0	0.000	0
446	443	36.33	3.53	3.3	4.48	6.58	0	0	-210	1	0	0	1	1	0	0.000	0
447	444	36.42	3.55	3.3	4.54	6.71	0	0	-212	1	0	0	1	1	0	0.000	0
448	445	36.5	3.63	3.3	4.58	6.71	0	0	-226	1	0	0	1	1	0	0.000	0
449	446	36.58	3.76	3.3	4.61	6.71	0	0	-251	1	0	0	1	1	0	0.000	0
450	447	36.66	3.83	3.3	4.68	6.82	0	0	-263	1	0	0	1	1	0	0.000	0
451	448	36.74	3.91	3.3	4.79	6.96	0	0	-277	1	0	0	1	1	0	0.000	0
452	449	36.83	4.09	3.3	4.99	7.11	0	0	-313	1	0	0	1	1	0	0.000	0
453	450	36.91	4.66	3.3	5.42	7.56	0	0	-468	1	0	0	1	1	0	0.000	0
454	451	36.99	4.79	3.3	6.75	8.49	0	0	-421	1	0	0	1	1	0	0.000	0
455	452	37.07	4.01	3.1	9.29	12.02	0	0	-125	1	0	0	1	1	0	0.000	0
456	453	37.16	3.04	2.9	12.52	17.25	0	0	0	1	0	0	1	1	0	0.000	0
457	454	37.24	2.47	2.8	14.6	21.4	0	0	22	1	0	1	1	1	0	0.000	0
458	455	37.32	2.4	2.8	14.42	20.76	0	0	9	1	0	1	1	1	0	0.000	0
459	456	37.4	2.66	2.9	12.09	17.2	0	0	-5	1	0	1	1	1	0	0.000	0
460	457	37.48	3.05	3.0	9.34	12.51	0	0	55	1	0	0	1	1	0	0.000	0
461	458	37.57	3.41	3.2	6.97	10.14	0	0	-131	1	0	0	1	1	0	0.000	0
462	459	37.65	3.6	3.3	5.42	8.07	0	0	-197	1	0	0	1	1	0	0.000	0
463	460	37.73	3.71	3.4	4.39	6.55	0	0	-247	1	0	0	1	1	0	0.000	0
464	461	37.81	3.87	3.4	3.93	6.18	0	0	-298	1	0	0	1	1	0	0.000	0
465	462	37.89	4.01	3.4	3.93	6.27	0	0	-335	1	0	0	1	1	0	0.000	0
466	463	37.98	4.1	3.4	4.04	6.45	0	0	-356	1	0	0	1	1	0	0.000	0
467	464	38.06	4.13	3.4	4.08	6.45	0	0	-363	1	0	0	1	1	0	0.000	0
468	465	38.14	4.22	3.4	4.03	6.32	0	0	-393	1	0	0	1	1	0	0.000	0
469	466	38.22	4.29	3.4	3.92	6.18	0	0	-421	1	0	0	1	1	0	0.000	0
470	467	38.3	4.22	3.4	3.84	6.02	0	0	-402	1	0	0	1	1	0	0.000	0
471	468	38.39	4.02	3.4	3.79	5.99	0	0	-343	1	0	0	1	1	0	0.000	0
472	469	38.47	3.83	3.4	3.78	5.95	0	0	-294	1	0	0	1	1	0	0.000	0
473	470	38.55	3.64	3.4	3.78	5.94	0	0	-251	1	0	0	1	1	0	0.000	0
474	471	38.63	3.47	3.4	3.8	5.95	0	0	-217	1	0	0	1	1	0	0.000	0
475	472	38.71	3.2	3.4	3.86	5.97	0	0	-171	1	0	0	1	1	0	0.000	0
476	473	38.8	3.02	3.3	3.96	6.1	0	0	-145	1	0	0	1	1	0	0.000	0
477	474	38.88	2.93	3.3	4.2	6.25	0	0	-130	1	0	1	1	1	0	0.000	0
478	475	38.96	2.99	3.3	4.43	6.65	0	0	-133	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	3	3.3	4.65	6.73	0	0	-131	1	0	0	1	1	0	0.000	0
480	477	39.12	2.85	3.3	4.71	6.86	0	0	-114	1	0	1	1	1	0	0.000	0
481	478	39.21	2.65	3.2	4.71	6.85	0	0	-96	1	0	1	1	1	0	0.000	0
482	479	39.29	2.56	3.2	4.63	6.75	0	0	-89	1	0	1	1	1	0	0.000	0
483	480	39.37	2.68	3.3	4.6	6.54	0	0	-100	1	0	1	1	1	0	0.000	0
484	481	39.45	2.84	3.3	4.72	6.65	0	0	-113	1	0	1	1	1	0	0.000	0
485	482	39.53	2.91	3.2	5.05	7.1	0	0	-115	1	0	1	1	1	0	0.000	0
486	483	39.62	2.99	3.2	5.4	7.73	0	0	-117	1	0	1	1	1	0	0.000	0
487	484	39.7	3.13	3.2	5.63	8.02	0	0	-128	1	0	0	1	1	0	0.000	0
488	485	39.78	3.33	3.2	5.67	8.09	0	0	-151	1	0	0	1	1	0	0.000	0
489	486	39.86	3.52	3.2	5.62	8.04	0	0	-179	1	0	0	1	1	0	0.000	0
490	487	39.94	3.65	3.3	5.52	7.91	0	0	-202	1	0	0	1	1	0	0.000	0
491	488	40.03	3.73	3.3	5.36	7.75	0	0	-221	1	0	0	1	1	0	0.000	0
492	489	40.11	3.66	3.3	5.13	7.44	0	0	-215	1	0	0	1	1	0	0.000	0
493	490	40.19	3.4	3.3	4.9	7.11	0	0	-178	1	0	0	1	1	0	0.000	0
494	491	40.27	2.95	3.3	4.73	6.92	0	0	-124	1	0	1	1	1	0	0.000	0
495	492	40.35	2.47	3.2	4.6	6.8	0	0	-83	1	0	1	1	1	0	0.000	0
496	493	40.44	2.01	3.2	4.53	6.54	0	0	-55	1	0	1	1	1	0	0.000	0
497	494	40.52	1.63	3.2	4.55	6.55	0	0	-39	1	0	1	1	1	0	0.000	0
498	495	40.6	1.37	3.1	4.68	6.67	0	0	-30	1	0	1	1	1	0	0.000	0
499	496	40.68	1.32	3.1	4.89	6.86	0	0	-28	1	0	1	1	1	0	0.000	0
500	497	40.76	1.65	3.1	5.22	7.19	0	0	-36	1	0	1	1	1	0	0.000	0
501	498	40.85	2.34	3.1	5.87	7.85	0	0	-62	1	0	1	1	1	0	0.000	0
502	499	40.93	3.14	3.1	7.22	9.28	0	0	-99	1	0	0	1	1	0	0.000	0
503	500	41.01	3.74	3.1	9.17	12.4	0	0	-104	1	0	0	1	1	0	0.000	0
504	501	41.09	4.35	3.1	10.31	15.71	0	0	-113	1	0	0	1	1	0	0.000	0
505	502	41.17	5.17	3.1	10	14.44	0	0	-247	1	0	0	1	1	0	0.000	0
506	503	41.26	6.15	3.2	8.51	12.1	0	0	-831	1	0	0	1	1	0	0.000	0
507	504	41.34	6.5	3.3	7.05	10.51	0	0	-1471	1	0	0	1	1	0	0.000	0
508	505	41.42	6.08	3.4	5.92	8.92	0	0	-1301	1	0	0	1	1	0	0.000	0
509	506	41.5	5.2	3.4	5.01	7.65	0	0	-757	1	0	0	1	1	0	0.000	0
510	507	41.58	4.53	3.4	4.4	6.76	0	0	-483	1	0	0	1	1	0	0.000	0
511	508	41.67	3.76	3.4	4.07	6.25	0	0	-268	1	0	0	1	1	0	0.000	0
512	509	41.75	3	3.3	3.92	6.02	0	0	-143	1	0	0	1	1	0	0.000	0
513	510	41.83	2.28	3.3	3.85	5.89	0	0	-76	1	0	1	1	1	0	0.000	0
514	511	41.91	1.76	3.2	3.77	5.75	0	0	-48	1	0	1	1	1	0	0.000	0
515	512	41.99	1.4	3.2	3.63	5.59	0	0	-35	1	0	1	1	1	0	0.000	0
516	513	42.08	1.3	3.2	3.42	5.29	0	0	-33	1	0	1	1	1	0	0.000	0
517	514	42.16	1.27	3.3	3.21	4.96	0	0	-32	1	0	1	1	1	0	0.000	0
518	515	42.24	1.32	3.3	3.07	4.82	0	0	-34	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	1.3	3.3	3	4.73	0	0	-34	1	0	1	1	1	0	0.000	0
520	517	42.4	1.36	3.3	3.01	4.69	0	0	-36	1	0	1	1	1	0	0.000	0
521	518	42.49	1.51	3.3	3.1	4.78	0	0	-41	1	0	1	1	1	0	0.000	0
522	519	42.57	1.78	3.3	3.29	5.01	0	0	-52	1	0	1	1	1	0	0.000	0
523	520	42.65	1.98	3.3	3.5	5.4	0	0	-61	1	0	1	1	1	0	0.000	0
524	521	42.73	2.12	3.3	3.64	5.69	0	0	-68	1	0	1	1	1	0	0.000	0
525	522	42.81	2.21	3.3	3.66	5.67	0	0	-73	1	0	1	1	1	0	0.000	0
526	523	42.9	2.32	3.3	3.62	5.64	0	0	-81	1	0	1	1	1	0	0.000	0
527	524	42.98	2.37	3.3	3.62	5.56	0	0	-85	1	0	1	1	1	0	0.000	0
528	525	43.06	2.51	3.3	3.69	5.64	0	0	-96	1	0	1	1	1	0	0.000	0
529	526	43.14	2.68	3.3	3.83	5.79	0	0	-109	1	0	1	1	1	0	0.000	0
530	527	43.22	3.06	3.3	4.08	6.07	0	0	-148	1	0	0	1	1	0	0.000	0
531	528	43.31	3.56	3.3	4.38	6.67	0	0	-218	1	0	0	1	1	0	0.000	0
532	529	43.39	4.22	3.4	4.64	7.08	0	0	-365	1	0	0	1	1	0	0.000	0
533	530	43.47	4.73	3.4	4.78	7.33	0	0	-540	1	0	0	1	1	0	0.000	0
534	531	43.55	5.11	3.4	4.81	7.45	0	0	-725	1	0	0	1	1	0	0.000	0
535	532	43.63	5.37	3.4	4.72	7.45	0	0	-897	1	0	0	1	1	0	0.000	0
536	533	43.72	5.59	3.4	4.58	7.16	0	0	-982	1	0	0	1	1	0	0.000	0
537	534	43.8	5.61	3.4	4.54	7.04	0	0	-1004	1	0	0	1	1	0	0.000	0
538	535	43.88	5.59	3.4	4.63	7.28	0	0	-1015	1	0	0	1	1	0	0.000	0
539	536	43.96	5.63	3.4	4.76	7.46	0	0	-1090	1	0	0	1	1	0	0.000	0
540	537	44.04	5.97	3.4	4.79	7.58	0	0	-1104	1	0	0	1	1	0	0.000	0
541	538	44.13	6.28	3.5	4.75	7.48	0	0	-1779	1	0	0	1	1	0	0.000	0
542	539	44.21	6.7	3.5	4.62	7.43	0	0	-2462	1	0	0	1	1	0	0.000	0
543	540	44.29	6.84	3.5	4.49	7.18	0	0	-2770	1	0	0	1	1	0	0.000	0
544	541	44.37	6.85	3.5	4.34	7.05	0	0	-2842	1	0	0	1	1	0	0.000	0
545	542	44.45	6.6	3.5	4.23	6.82	0	0	-2402	1	0	0	1	1	0	0.000	0
546	543	44.54	6.3	3.5	4.15	6.7	0	0	-1945	1	0	0	1	1	0	0.000	0
547	544	44.62	6.06	3.5	4.12	6.66	0	0	-1633	1	0	0	1	1	0	0.000	0
548	545	44.7	5.92	3.5	4.14	6.65	0	0	-1466	1	0	0	1	1	0	0.000	0
549	546	44.78	5.84	3.5	4.2	6.76	0	0	-1371	1	0	0	1	1	0	0.000	0
550	547	44.86	5.78	3.5	4.32	6.83	0	0	-1291	1	0	0	1	1	0	0.000	0
551	548	44.95	5.62	3.4	4.45	7.03	0	0	-1125	1	0	0	1	1	0	0.000	0
552	549	45.03	5.38	3.4	4.64	7.25	0	0	-914	1	0	0	1	1	0	0.000	0
553	550	45.11	5.06	3.4	4.8	7.53	0	0	-698	1	0	0	1	1	0	0.000	0
554	551	45.19	4.94	3.4	4.9	7.69	0	0	-627	1	0	0	1	1	0	0.000	0
555	552	45.27	5.09	3.4	4.86	7.69	0	0	-709	1	0	0	1	1	0	0.000	0
556	553	45.36	5.37	3.4	4.79	7.49	0	0	-889	1	0	0	1	1	0	0.000	0
557	554	45.44	5.64	3.4	4.71	7.45	0	0	-1105	1	0	0	1	1	0	0.000	0
558	555	45.52	5.87	3.4	4.67	7.39	0	0	-1323	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	5.99	3.5	4.6	7.24	0	0	-1461	1	0	0	1	1	0	0.000	0
560	557	45.69	5.98	3.5	4.51	7.16	0	0	-1466	1	0	0	1	1	0	0.000	0
561	558	45.77	5.67	3.4	4.45	7.04	0	0	-1169	1	0	0	1	1	0	0.000	0
562	559	45.85	5.29	3.4	4.37	7	0	0	-882	1	0	0	1	1	0	0.000	0
563	560	45.93	4.88	3.4	4.33	6.82	0	0	-643	1	0	0	1	1	0	0.000	0
564	561	46.01	4.43	3.4	4.32	6.84	0	0	-450	1	0	0	1	1	0	0.000	0
565	562	46.1	4.08	3.4	4.36	6.9	0	0	-337	1	0	0	1	1	0	0.000	0
566	563	46.18	3.8	3.3	4.5	6.95	0	0	-263	1	0	0	1	1	0	0.000	0
567	564	46.26	3.74	3.3	4.66	7.34	0	0	-245	1	0	0	1	1	0	0.000	0
568	565	46.34	3.71	3.3	4.89	7.49	0	0	-232	1	0	0	1	1	0	0.000	0
569	566	46.42	3.77	3.3	5.11	7.84	0	0	-237	1	0	0	1	1	0	0.000	0
570	567	46.51	3.9	3.3	5.35	8.22	0	0	-255	1	0	0	1	1	0	0.000	0
571	568	46.59	4.18	3.3	5.55	8.5	0	0	-312	1	0	0	1	1	0	0.000	0
572	569	46.67	4.45	3.3	5.79	8.72	0	0	-375	1	0	0	1	1	0	0.000	0
573	570	46.75	4.59	3.3	5.99	9.25	0	0	-407	1	0	0	1	1	0	0.000	0
574	571	46.83	4.7	3.3	6.11	9.4	0	0	-436	1	0	0	1	1	0	0.000	0
575	572	46.92	4.85	3.3	6.05	9.28	0	0	-496	1	0	0	1	1	0	0.000	0
576	573	47	5.09	3.3	5.95	9.01	0	0	-508	1	0	0	1	1	0	0.000	0
577	574	47.08	5.09	3.3	5.87	8.97	0	0	-515	1	0	0	1	1	0	0.000	0
578	575	47.16	4.92	3.3	5.82	8.96	0	0	-523	1	0	0	1	1	0	0.000	0
579	576	47.24	4.73	3.3	5.76	8.77	0	0	-471	1	0	0	1	1	0	0.000	0
580	577	47.33	4.76	3.3	5.67	8.74	0	0	-489	1	0	0	1	1	0	0.000	0
581	578	47.41	4.86	3.3	5.55	8.56	0	0	-538	1	0	0	1	1	0	0.000	0
582	579	47.49	5.01	3.3	5.4	8.33	0	0	-619	1	0	0	1	1	0	0.000	0
583	580	47.57	5.12	3.4	5.23	8.22	0	0	-691	1	0	0	1	1	0	0.000	0
584	581	47.65	5.34	3.4	5.02	8.03	0	0	-843	1	0	0	1	1	0	0.000	0
585	582	47.74	5.52	3.4	4.79	7.61	0	0	-998	1	0	0	1	1	0	0.000	0
586	583	47.82	5.55	3.4	4.58	7.37	0	0	-1049	1	0	0	1	1	0	0.000	0
587	584	47.9	5.34	3.4	4.45	7.2	0	0	-907	1	0	0	1	1	0	0.000	0
588	585	47.98	4.99	3.4	4.36	7.07	0	0	-699	1	0	0	1	1	0	0.000	0
589	586	48.06	4.53	3.4	4.3	6.94	0	0	-489	1	0	0	1	1	0	0.000	0
590	587	48.15	4.12	3.4	4.23	6.84	0	0	-354	1	0	0	1	1	0	0.000	0
591	588	48.23	3.74	3.4	4.16	6.71	0	0	-261	1	0	0	1	1	0	0.000	0
592	589	48.31	3.57	3.4	4.09	6.56	0	0	-228	1	0	0	1	1	0	0.000	0
593	590	48.39	3.42	3.4	4.1	6.47	0	0	-201	1	0	0	1	1	0	0.000	0
594	591	48.47	3.31	3.3	4.14	6.64	0	0	-182	1	0	0	1	1	0	0.000	0
595	592	48.56	3.18	3.3	4.15	6.64	0	0	-163	1	0	0	1	1	0	0.000	0
596	593	48.64	3.13	3.3	4.08	6.51	0	0	-157	1	0	0	1	1	0	0.000	0
597	594	48.72	3.07	3.3	4.02	6.39	0	0	-150	1	0	0	1	1	0	0.000	0
598	595	48.8	2.99	3.3	4.01	6.35	0	0	-140	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	2.81	3.3	4.08	6.33	0	0	-119	1	0	1	1	1	0	0.000	0
600	597	48.97	2.45	3.3	4.18	6.49	0	0	-86	1	0	1	1	1	0	0.000	0
601	598	49.05	2.04	3.2	4.29	6.67	0	0	-58	1	0	1	1	1	0	0.000	0
602	599	49.13	1.66	3.2	4.29	6.76	0	0	-41	1	0	1	1	1	0	0.000	0
603	600	49.21	1.51	3.2	4.2	6.52	0	0	-36	1	0	1	1	1	0	0.000	0
604	601	49.29	1.56	3.2	4.1	6.28	0	0	-38	1	0	1	1	1	0	0.000	0
605	602	49.38	1.92	3.2	4.17	6.27	0	0	-53	1	0	1	1	1	0	0.000	0
606	603	49.46	2.4	3.2	4.56	6.66	0	0	-78	1	0	1	1	1	0	0.000	0
607	604	49.54	2.81	3.2	5.17	7.75	0	0	-104	1	0	1	1	1	0	0.000	0
608	605	49.62	3.19	3.2	5.78	8.77	0	0	-132	1	0	0	1	1	0	0.000	0
609	606	49.7	3.75	3.2	6.31	9.28	0	0	-195	1	0	0	1	1	0	0.000	0
610	607	49.79	3.84	3.2	7.07	10.11	0	0	-184	1	0	0	1	1	0	0.000	0
611	608	49.87	3.46	3.1	8.07	11.96	0	0	-109	1	0	0	1	1	0	0.000	0
612	609	49.95	2.89	3.0	8.7	13.61	0	0	-58	1	0	1	1	1	0	0.000	0
613	610	50.03	2.51	3.0	8.37	13.24	0	0	-45	1	0	1	1	1	0	0.000	0
614	611	50.11	2.33	3.1	7.22	11.17	0	0	-49	1	0	1	1	1	0	0.000	0
615	612	50.2	1.57	3.0	6.02	9.15	0	0	-30	1	0	1	1	1	0	0.000	0
616	613	50.28	0.8	3.0	5.21	8	0	0	-16	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	4.93	7.35	0	0	-8	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	4.96	7.56	0	0	-8	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	5.1	7.8	0	0	-7	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

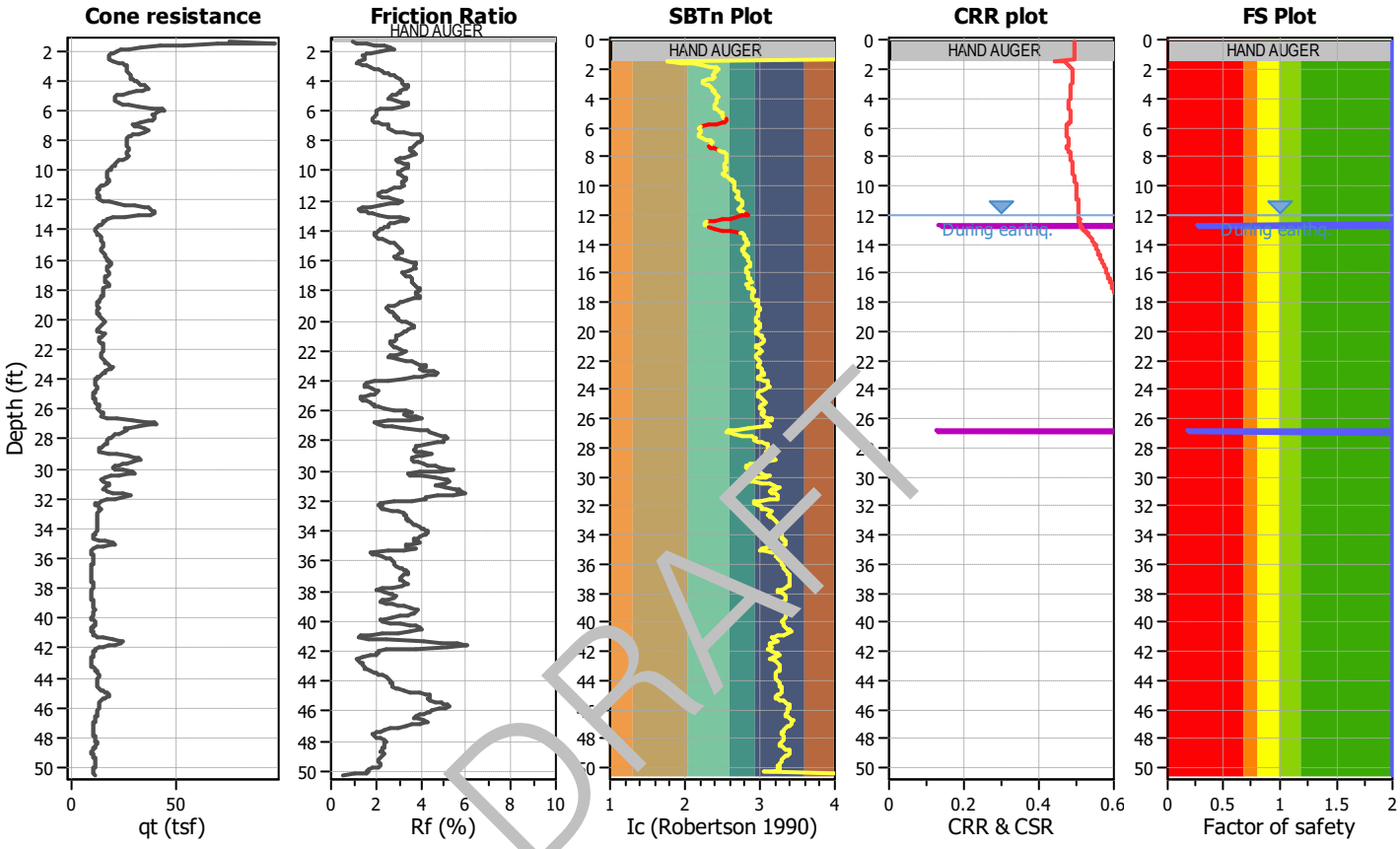
LIQUEFACTION ANALYSIS REPORT

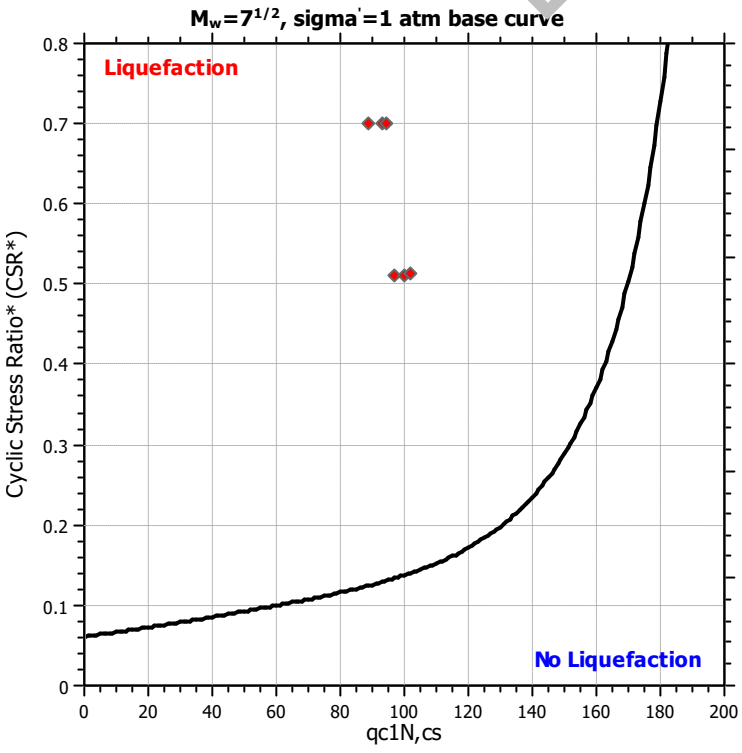
Project title : **Location :**

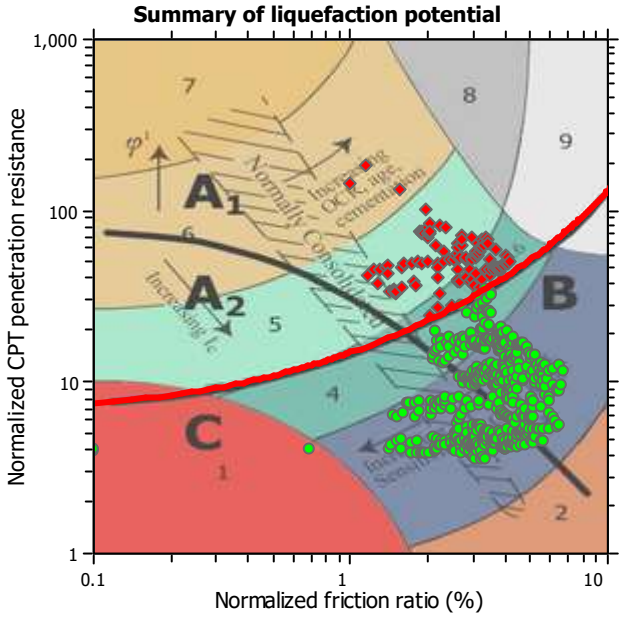
CPT file : CPT-6

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

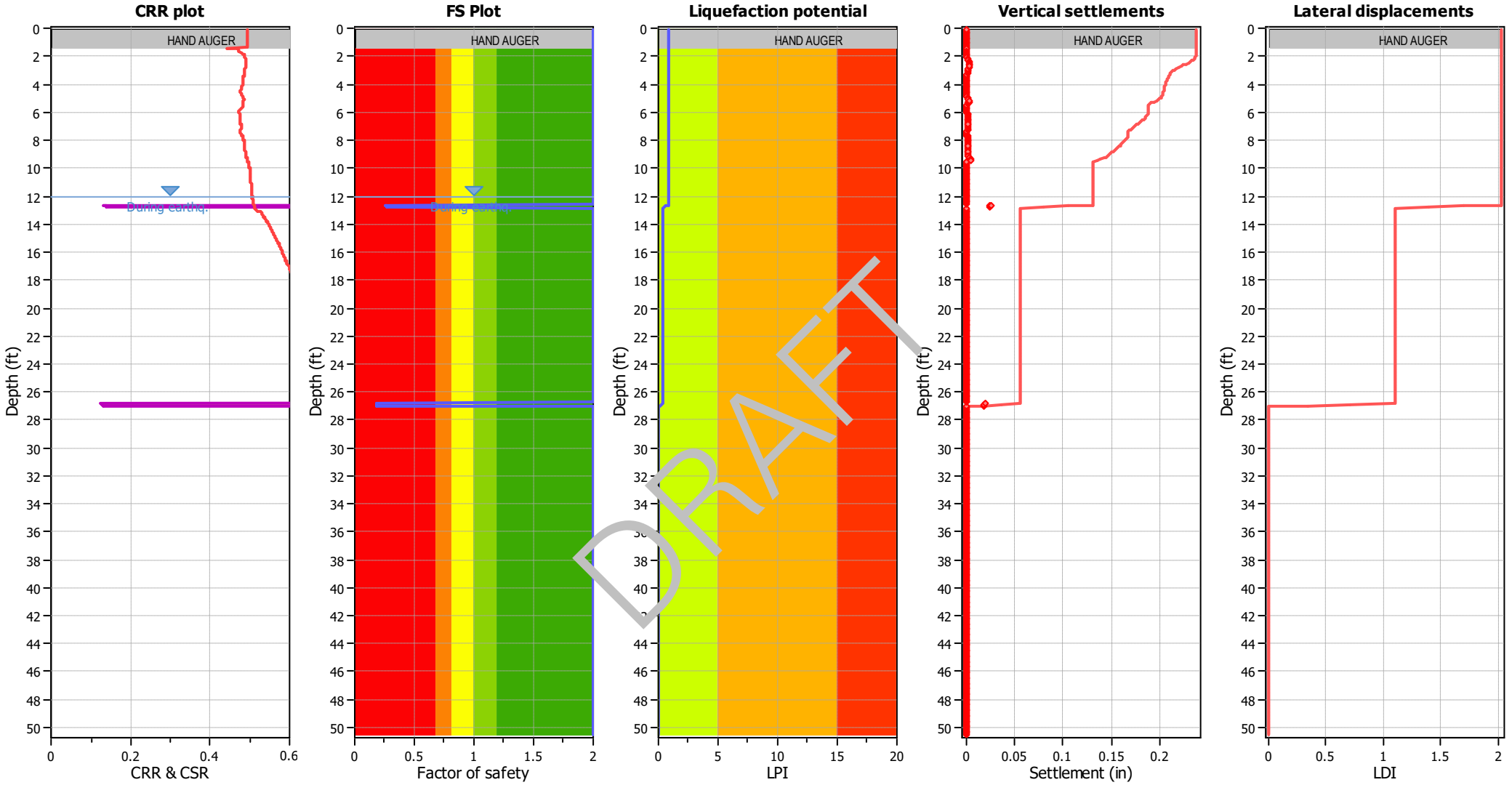






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-6, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.130	0
20	17	1.39	1	1.8	142.83	218.17	0	0	351	0	1	1	0	1	0	0.130	0
21	18	1.48	1.14	1.8	184.71	146.5	0	0	530	1	1	1	0	1	0	0.130	0
22	19	1.56	1.55	2.0	133.28	106.82	0	0	548	1	1	1	0	1	0	0.130	0
23	20	1.64	1.97	2.1	101.93	87.01	0	0	597	1	1	1	0	1	0	0.130	0
24	21	1.72	2.36	2.2	80.05	66.55	0	0	642	1	1	1	0	1	0	0.130	0
25	22	1.8	2.68	2.4	63.3	50.96	0	0	641	1	1	1	0	1	0	0.130	0
26	23	1.89	2.8	2.4	52.08	44.17	0	0	555	1	1	1	0	1	0	0.130	0
27	24	1.97	2.61	2.4	45.35	37.75	0	0	390	1	1	1	0	1	0	0.130	0
28	25	2.05	2.19	2.4	40.33	33.63	0	0	227	1	1	1	0	1	0	0.130	0
29	26	2.13	1.8	2.4	37.14	31.24	0	0	141	1	1	1	0	1	0	0.130	0
30	27	2.21	1.57	2.4	35.26	29.52	0	0	105	1	1	1	0	1	0	0.130	0
31	28	2.3	1.48	2.4	33.82	28.75	0	0	91	1	1	1	0	1	0	0.130	0
32	29	2.38	1.41	2.4	33.94	27.6	0	0	85	1	1	1	0	1	0	0.130	0
33	30	2.46	1.49	2.4	33.28	29.98	0	0	89	1	1	1	0	1	0	0.130	0
34	31	2.54	1.49	2.4	33.9	27.28	0	0	92	1	1	1	0	1	0	0.130	0
35	32	2.62	1.46	2.4	34.51	29.3	0	0	92	1	1	1	0	1	0	0.130	0
36	33	2.71	1.26	2.3	37.83	31.54	0	0	87	1	1	1	0	1	0	0.130	0
37	34	2.79	1.16	2.3	42.08	35.76	0	0	93	1	1	1	0	1	0	0.130	0
38	35	2.87	1.22	2.2	45.72	40.13	0	0	110	1	1	1	0	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.4	2.3	48.59	40.71	0	0	142	1	1	1	0	1	0	0.130	0
40	37	3.03	1.61	2.3	49.68	42.49	0	0	178	1	1	1	0	1	0	0.130	0
41	38	3.12	1.81	2.3	50.36	42.58	0	0	218	1	1	1	0	1	0	0.130	0
42	39	3.2	1.99	2.3	49.97	42.47	0	0	255	1	1	1	0	1	0	0.130	0
43	40	3.28	2.16	2.4	49.69	41.95	0	0	295	1	1	1	0	1	0	0.130	0
44	41	3.36	2.31	2.4	50.16	42.16	0	0	342	1	1	1	0	1	0	0.130	0
45	42	3.44	2.42	2.4	51.39	43.77	0	0	390	1	1	1	0	1	0	0.130	0
46	43	3.53	2.53	2.4	52.55	45.2	0	0	443	1	1	1	0	1	0	0.130	0
47	44	3.61	2.67	2.4	52.89	45.31	0	0	505	1	1	1	0	1	0	0.130	0
48	45	3.69	2.82	2.4	53.03	44.81	0	0	578	1	1	1	0	1	0	0.130	0
49	46	3.77	2.96	2.4	53.25	45.7	0	0	656	1	1	1	0	1	0	0.130	0
50	47	3.85	3.05	2.4	53.89	45.92	0	0	721	1	1	0	0	1	0	0.130	0
51	48	3.94	3.13	2.4	54.81	46.49	0	0	789	1	1	0	0	1	0	0.130	0
52	49	4.02	3.15	2.4	56.25	48.06	0	0	830	1	1	0	0	1	0	0.130	0
53	50	4.1	3.15	2.4	58.28	49.65	0	0	868	1	1	0	0	1	0	0.130	0
54	51	4.18	3.22	2.4	60.36	51.75	0	0	964	1	1	0	0	1	0	0.130	0
55	52	4.26	3.31	2.4	62.72	53.41	0	0	1092	1	1	0	0	1	0	0.130	0
56	53	4.35	3.41	2.4	65.31	55.74	0	0	[illegible]	1	1	0	0	1	0	0.130	0
57	54	4.43	3.41	2.4	67.78	58.42	0	0	1[illegible]09	1	1	0	0	1	0	0.130	0
58	55	4.51	3.34	2.4	69.13	59.77	0	0	12[illegible]4	1	1	0	0	1	0	0.130	0
59	56	4.59	3.23	2.4	68.04	59.3	0	0	1128	1	1	0	0	1	0	0.130	0
60	57	4.68	3.13	2.4	64.39	55.76	0	0	[illegible]68	1	1	0	0	1	0	0.130	0
61	58	4.76	3.05	2.4	58.6	50.55	0	0	802	1	1	0	0	1	0	0.130	0
62	59	4.84	2.97	2.4	51.78	44.54	0	0	638	1	1	1	0	1	0	0.130	0
63	60	4.92	2.91	2.5	45.5	38.37	0	0	509	1	1	1	0	1	0	0.130	0
64	61	5	2.78	2.5	40.79	34.51	0	0	390	1	1	1	0	1	0	0.130	0
65	62	5.09	2.67	2.5	38.49	32.54	0	0	325	1	1	1	0	1	0	0.130	0
66	63	5.17	2.59	2.5	38.24	32.53	0	0	300	1	1	1	0	1	0	0.130	0
67	64	5.25	2.66	2.5	38.68	33.91	0	0	324	1	1	1	0	1	0	0.130	0
68	65	5.33	2.92	2.5	39.18	33.68	0	0	415	1	1	1	0	1	0	0.130	0
69	66	5.41	3.24	2.6	39.48	33.83	0	0	553	1	1	0	0	1	0	0.130	0
70	67	5.5	3.48	2.6	41.59	34.69	0	0	731	1	1	0	0	1	0	0.130	0
71	68	5.58	3.48	2.5	45.77	39.11	0	0	836	1	1	0	0	1	0	0.130	0
72	69	5.66	3.5	2.5	52.04	44.51	0	0	1010	1	1	0	0	1	0	0.130	0
73	70	5.74	3.19	2.4	60.93	50.7	0	0	951	1	1	0	0	1	0	0.130	0
74	71	5.82	2.71	2.3	72.51	60.9	0	0	777	1	1	1	0	1	0	0.130	0
75	72	5.91	2.23	2.2	81.3	71.31	0	0	582	1	1	1	0	1	0	0.130	0
76	73	5.99	2.02	2.2	83.87	70.46	0	0	499	1	1	1	0	1	0	0.130	0
77	74	6.07	2	2.2	80.8	66.12	0	0	469	1	1	1	0	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.04	2.2	76.69	63.6	0	0	457	1	1	1	0	1	0	0.130	0
79	76	6.23	2.02	2.2	74.45	60.45	0	0	433	1	1	1	0	1	0	0.130	0
80	77	6.32	2.01	2.2	73.66	60.17	0	0	424	1	1	1	0	1	0	0.130	0
81	78	6.4	1.93	2.2	74.24	61.28	0	0	398	1	1	1	0	1	0	0.130	0
82	79	6.48	1.88	2.2	75.45	60.98	0	0	387	1	1	1	0	1	0	0.130	0
83	80	6.56	1.84	2.2	75.41	62.03	0	0	373	1	1	1	0	1	0	0.130	0
84	81	6.64	1.9	2.2	73.15	60.28	0	0	380	1	1	1	0	1	0	0.130	0
85	82	6.73	1.98	2.2	69.32	55.11	0	0	383	1	1	1	0	1	0	0.130	0
86	83	6.81	2.12	2.3	62.52	52.56	0	0	383	1	1	1	0	1	0	0.130	0
87	84	6.89	2.3	2.3	57.53	44.43	0	0	405	1	1	1	0	1	0	0.130	0
88	85	6.97	2.57	2.4	54.51	43.15	0	0	481	1	1	1	0	1	0	0.130	0
89	86	7.05	2.6	2.4	56.65	45.15	0	0	519	1	1	1	0	1	0	0.130	0
90	87	7.14	2.61	2.4	60.63	48.3	0	0	571	1	1	1	0	1	0	0.130	0
91	88	7.22	2.6	2.3	65.27	51.03	0	0	620	1	1	1	0	1	0	0.130	0
92	89	7.3	2.72	2.3	68.88	54.24	0	0	737	1	1	1	0	1	0	0.130	0
93	90	7.38	2.95	2.4	69.05	55.8	0	0	903	1	1	1	0	1	0	0.130	0
94	91	7.46	3.28	2.4	65.53	50.53	0	0	1124	1	1	0	0	1	0	0.130	0
95	92	7.55	3.67	2.5	59.93	45.15	0	0	[illegible]	1	1	0	0	1	0	0.130	0
96	93	7.63	4	2.5	55.36	43.3	0	0	1360	1	1	0	0	1	0	0.130	0
97	94	7.71	4.1	2.5	52.74	40.17	0	0	1652	1	1	0	0	1	0	0.130	0
98	95	7.79	4.13	2.6	50.5	38.97	0	0	1638	1	1	0	0	1	0	0.130	0
99	96	7.87	4.07	2.6	49.83	38.03	0	0	1732	1	1	0	0	1	0	0.130	0
100	97	7.96	4.08	2.6	49.2	38.21	0	0	1518	1	1	0	0	1	0	0.130	0
101	98	8.04	4.03	2.6	49.05	37.14	0	0	1451	1	1	0	0	1	0	0.130	0
102	99	8.12	3.95	2.6	48.38	38.09	0	0	1334	1	1	0	0	1	0	0.130	0
103	100	8.2	3.87	2.5	48	37.22	0	0	1235	1	1	0	0	1	0	0.130	0
104	101	8.28	3.82	2.5	47.22	36.84	0	0	1159	1	1	0	0	1	0	0.130	0
105	102	8.37	3.74	2.5	46.74	36.69	0	0	1070	1	1	0	0	1	0	0.130	0
106	103	8.45	3.66	2.5	46.8	36.55	0	0	1002	1	1	0	0	1	0	0.130	0
107	104	8.53	3.6	2.5	47.23	37.33	0	0	965	1	1	0	0	1	0	0.130	0
108	105	8.61	3.6	2.5	47.43	38.09	0	0	971	1	1	0	0	1	0	0.130	0
109	106	8.69	3.64	2.5	46.62	37.36	0	0	980	1	1	0	0	1	0	0.130	0
110	107	8.78	3.74	2.6	45.2	35.78	0	0	1022	1	1	0	0	1	0	0.130	0
111	108	8.86	3.8	2.6	44.57	34.97	0	0	1053	1	1	0	0	1	0	0.130	0
112	109	8.94	3.82	2.6	45.16	36.03	0	0	1090	1	1	0	0	1	0	0.130	0
113	110	9.02	3.61	2.5	45.89	37.47	0	0	936	1	1	0	0	1	0	0.130	0
114	111	9.1	3.35	2.5	45.09	37.51	0	0	733	1	1	0	0	1	0	0.130	0
115	112	9.19	3.09	2.5	42.58	35.08	0	0	542	1	1	0	0	1	0	0.130	0
116	113	9.27	2.98	2.5	39.38	32.27	0	0	440	1	1	1	0	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.04	2.6	37.03	30.16	0	0	423	1	1	0	0	1	0	0.130	0
118	115	9.43	3.17	2.6	35.48	29.23	0	0	443	1	1	0	0	1	0	0.130	0
119	116	9.51	3.35	2.6	34.72	28.21	0	0	500	1	0	0	0	1	0	0.130	0
120	117	9.6	3.49	2.6	33.82	27.97	0	0	540	1	0	0	0	1	0	0.130	0
121	118	9.68	3.52	2.6	32.94	26.93	0	0	531	1	0	0	0	1	0	0.130	0
122	119	9.76	3.52	2.7	31.65	26.13	0	0	498	1	0	0	0	1	0	0.130	0
123	120	9.84	3.41	2.7	30.55	24.97	0	0	427	1	0	0	0	1	0	0.130	0
124	121	9.92	3.27	2.7	29.14	24.57	0	0	350	1	0	0	0	1	0	0.130	0
125	122	10.01	3.17	2.7	27.74	23	0	0	294	1	0	0	0	1	0	0.130	0
126	123	10.09	3.11	2.7	26.83	21.78	0	0	263	1	0	0	0	1	0	0.130	0
127	124	10.17	3.12	2.7	26.75	22.51	0	0	263	1	0	0	0	1	0	0.130	0
128	125	10.25	3.13	2.7	26.54	22.91	0	0	262	1	0	0	0	1	0	0.130	0
129	126	10.33	3.27	2.7	26.08	21.37	0	0	285	1	0	0	0	1	0	0.130	0
130	127	10.42	3.39	2.7	25.68	21.24	0	0	307	1	0	0	0	1	0	0.130	0
131	128	10.5	3.48	2.7	25.68	21.85	0	0	331	1	0	0	0	1	0	0.130	0
132	129	10.58	3.43	2.7	26.18	21.35	0	0	329	1	0	0	0	1	0	0.130	0
133	130	10.66	3.4	2.7	26.1	22.77	0	0	319	1	0	0	0	1	0	0.130	0
134	131	10.74	3.28	2.7	26.19	22.04	0	0	[illegible]	1	0	0	0	1	0	0.130	0
135	132	10.83	3.3	2.7	25.33	21.98	0	0	277	1	0	0	0	1	0	0.130	0
136	133	10.91	3.32	2.7	24.1	20.77	0	0	2[illegible]4	1	0	0	0	1	0	0.130	0
137	134	10.99	3.34	2.8	22.26	18.92	0	0	218	1	0	0	0	1	0	0.130	0
138	135	11.07	3.22	2.8	20.52	17.31	0	0	162	1	0	0	0	1	0	0.130	0
139	136	11.15	2.98	2.8	19.16	16.41	0	0	109	1	0	1	0	1	0	0.130	0
140	137	11.24	2.77	2.8	18.07	15.64	0	0	76	1	0	1	1	1	0	0.130	0
141	138	11.32	2.58	2.8	17.34	14.64	0	0	56	1	0	1	1	1	0	0.130	0
142	139	11.4	2.39	2.8	16.97	14.66	0	0	44	1	0	1	1	1	0	0.130	0
143	140	11.48	2.25	2.7	17.08	14.8	0	0	39	1	0	1	1	1	0	0.130	0
144	141	11.56	2.18	2.7	17.41	15.07	0	0	40	1	0	1	1	1	0	0.130	0
145	142	11.65	2.25	2.7	17.72	15.69	0	0	45	1	0	1	1	1	0	0.130	0
146	143	11.73	2.41	2.7	18	15.62	0	0	55	1	0	1	1	1	0	0.130	0
147	144	11.81	2.66	2.8	17.6	15.75	0	0	63	1	0	1	1	1	0	0.130	0
148	145	11.89	2.99	2.8	17.19	14.43	0	0	78	1	0	1	1	1	0	0.130	0
149	146	11.97	3.37	2.8	17.46	14.31	0	0	114	1	0	0	0	1	0	0.130	0
150	147	12.06	3.31	2.8	20.37	16.22	0	0	171	1	0	0	0	1	0	0.130	0
151	148	12.14	3.06	2.7	24.15	22.12	0	0	205	1	0	0	0	1	0	0.130	0
152	149	12.22	2.68	2.6	28.34	25	0	0	200	1	0	1	0	1	0	0.130	0
153	150	12.3	2.22	2.5	33.02	28.53	0	0	172	1	1	1	0	1	0	0.130	0
154	151	12.38	1.76	2.4	38.57	36.04	0	0	144	1	1	1	0	1	0	0.130	0
155	152	12.47	1.4	2.3	43.22	41.48	0	0	121	1	1	1	0	1	0	0.130	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.3	2.3	45.26	42.71	0	0	117	1	1	1	0	1	0	0.130	0
157	154	12.63	1.38	2.3	46.23	42.44	0.03	0.33	130	1	1	1	0	1	0	0.130	0
158	155	12.71	1.58	2.3	47.32	44.05	0.02	0.31	162	1	1	1	0	1	0	0.100	0
159	156	12.8	1.73	2.3	48.71	45.18	0.02	0.29	194	1	1	1	0	1	0	0.080	0
160	157	12.88	1.9	2.3	49.05	45.93	0	0	229	1	1	1	0	1	0	0.060	0
161	158	12.96	2.17	2.4	46.13	44.66	0	0	269	1	1	1	0	1	0	0.060	0
162	159	13.04	2.62	2.5	39.54	36.71	0	0	324	1	1	1	0	1	0	0.060	0
163	160	13.12	3.13	2.6	31.65	27.29	0	0	357	1	0	0	0	1	0	0.060	0
164	161	13.21	3.53	2.7	24.91	22.86	0	0	325	1	0	0	0	1	0	0.060	0
165	162	13.29	3.47	2.8	21.18	18.36	0	0	216	1	0	0	0	1	0	0.060	0
166	163	13.37	3.27	2.8	19.06	17.36	0	0	138	1	0	0	0	1	0	0.060	0
167	164	13.45	2.96	2.8	18.37	17.34	0	0	95	1	0	1	0	1	0	0.060	0
168	165	13.53	2.79	2.8	17.7	16.71	0	0	72	1	0	1	1	1	0	0.060	0
169	166	13.62	2.7	2.8	16.66	15.68	0	0	53	1	0	1	1	1	0	0.060	0
170	167	13.7	2.66	2.8	15.68	14.61	0	0	39	1	0	1	1	1	0	0.060	0
171	168	13.78	2.57	2.8	14.85	14.11	0	0	27	1	0	1	1	1	0	0.060	0
172	169	13.86	2.43	2.8	14.06	13.49	0	0	16	1	0	1	1	1	0	0.060	0
173	170	13.94	2.34	2.8	13.33	12.51	0	0	8	1	0	1	1	1	0	0.060	0
174	171	14.03	2.28	2.8	12.9	12.18	0	0	4	1	0	1	1	1	0	0.060	0
175	172	14.11	2.21	2.8	13.11	12.36	0	0	5	1	0	1	1	1	0	0.060	0
176	173	14.19	2.1	2.8	13.73	13.13	0	0	9	1	0	1	1	1	0	0.060	0
177	174	14.27	2.11	2.8	14.35	13.93	0	0	14	1	0	1	1	1	0	0.060	0
178	175	14.35	2.13	2.8	14.96	14.13	0	0	19	1	0	1	1	1	0	0.060	0
179	176	14.44	2.18	2.8	15.42	14.85	0	0	24	1	0	1	1	1	0	0.060	0
180	177	14.52	2.27	2.8	15.94	15.23	0	0	30	1	0	1	1	1	0	0.060	0
181	178	14.6	2.44	2.8	16.08	15.56	0	0	37	1	0	1	1	1	0	0.060	0
182	179	14.68	2.65	2.8	16.1	15.22	0	0	44	1	0	1	1	1	0	0.060	0
183	180	14.76	2.82	2.8	16.05	15.26	0	0	51	1	0	1	1	1	0	0.060	0
184	181	14.85	2.96	2.8	16.16	15.51	0	0	59	1	0	1	1	1	0	0.060	0
185	182	14.93	3.06	2.8	16.16	15.55	0	0	64	1	0	0	1	1	0	0.060	0
186	183	15.01	3.13	2.8	16.08	15.34	0	0	67	1	0	0	1	1	0	0.060	0
187	184	15.09	3.17	2.9	15.99	15.32	0	0	67	1	0	0	1	1	0	0.060	0
188	185	15.17	3.22	2.9	15.83	15.36	0	0	67	1	0	0	1	1	0	0.060	0
189	186	15.26	3.3	2.9	15.61	14.9	0	0	67	1	0	0	1	1	0	0.060	0
190	187	15.34	3.34	2.9	15.4	14.73	0	0	65	1	0	0	1	1	0	0.060	0
191	188	15.42	3.33	2.9	15.5	14.83	0	0	66	1	0	0	1	1	0	0.060	0
192	189	15.5	3.29	2.9	15.81	15.28	0	0	71	1	0	0	1	1	0	0.060	0
193	190	15.58	3.18	2.8	16.39	15.66	0	0	76	1	0	0	1	1	0	0.060	0
194	191	15.67	3.07	2.8	16.88	16.53	0	0	78	1	0	0	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	3	2.8	17.16	16.83	0	0	78	1	0	0	1	1	0	0.060	0
196	193	15.83	3.07	2.8	17.19	16.63	0	0	83	1	0	0	0	1	0	0.060	0
197	194	15.91	3.23	2.8	17.25	16.82	0	0	97	1	0	0	0	1	0	0.060	0
198	195	15.99	3.49	2.8	17.53	17.11	0	0	127	1	0	0	0	1	0	0.060	0
199	196	16.08	3.76	2.9	18.13	17.53	0	0	179	1	0	0	0	1	0	0.060	0
200	197	16.16	3.93	2.9	18.83	18.49	0	0	231	1	0	0	0	1	0	0.060	0
201	198	16.24	3.94	2.8	19.15	19.11	0	0	245	1	0	0	0	1	0	0.060	0
202	199	16.32	3.89	2.8	18.86	18.55	0	0	225	1	0	0	0	1	0	0.060	0
203	200	16.4	3.91	2.9	18.11	17.89	0	0	202	1	0	0	0	1	0	0.060	0
204	201	16.49	3.99	2.9	17.37	17.13	0	0	187	1	0	0	0	1	0	0.060	0
205	202	16.57	3.92	2.9	16.86	16.48	0	0	158	1	0	0	0	1	0	0.060	0
206	203	16.65	3.7	2.9	16.7	16.46	0	0	127	1	0	0	0	1	0	0.060	0
207	204	16.73	3.47	2.9	17.08	16.71	0	0	114	1	0	0	0	1	0	0.060	0
208	205	16.81	3.36	2.8	17.67	17.66	0	0	117	1	0	0	0	1	0	0.060	0
209	206	16.9	3.44	2.8	17.71	18.24	0	0	127	1	0	0	0	1	0	0.060	0
210	207	16.98	3.55	2.9	17.23	16.99	0	0	126	1	0	0	0	1	0	0.060	0
211	208	17.06	3.72	2.9	16.3	16.51	0	0	117	1	0	0	0	1	0	0.060	0
212	209	17.14	3.79	2.9	15.74	15.79	0	0	106	1	0	0	0	1	0	0.060	0
213	210	17.22	3.81	2.9	15.37	15.51	0	0	95	1	0	0	0	1	0	0.060	0
214	211	17.31	3.8	2.9	15.23	15.54	0	0	90	1	0	0	0	1	0	0.060	0
215	212	17.39	3.79	2.9	15.34	15.47	0	0	92	1	0	0	0	1	0	0.060	0
216	213	17.47	3.86	2.9	15.59	15.93	0	0	107	1	0	0	0	1	0	0.060	0
217	214	17.55	3.9	2.9	16.2	16.34	0	0	132	1	0	0	0	1	0	0.060	0
218	215	17.63	3.95	2.9	16.76	17.3	0	0	158	1	0	0	0	1	0	0.060	0
219	216	17.72	4.02	2.9	16.62	17.68	0	0	162	1	0	0	0	1	0	0.060	0
220	217	17.8	4.14	2.9	15.54	16.16	0	0	132	1	0	0	0	1	0	0.060	0
221	218	17.88	4.24	3.0	14.22	14.34	0	0	81	1	0	0	0	1	0	0.060	0
222	219	17.96	4.27	3.0	13.45	13.94	0	0	46	1	0	0	1	1	0	0.060	0
223	220	18.04	4.16	3.0	13.51	13.89	0	0	45	1	0	0	1	1	0	0.060	0
224	221	18.13	4.04	3.0	13.8	14.47	0	0	52	1	0	0	1	1	0	0.060	0
225	222	18.21	4.01	3.0	13.84	14.82	0	0	52	1	0	0	1	1	0	0.060	0
226	223	18.29	4.12	3.0	13.49	14.2	0	0	42	1	0	0	1	1	0	0.060	0
227	224	18.37	4.27	3.0	13	13.7	0	0	24	1	0	0	1	1	0	0.060	0
228	225	18.45	4.24	3.0	12.71	13.51	0	0	10	1	0	0	1	1	0	0.060	0
229	226	18.54	3.98	3.0	12.62	13.36	0	0	5	1	0	0	1	1	0	0.060	0
230	227	18.62	3.67	3.0	12.32	13.43	0	0	-5	1	0	0	1	1	0	0.060	0
231	228	18.7	3.41	3.0	11.85	12.62	0	0	-15	1	0	0	1	1	0	0.060	0
232	229	18.78	3.33	3.0	11.24	11.98	0	0	-28	1	0	0	1	1	0	0.060	0
233	230	18.86	3.22	3.0	10.86	11.58	0	0	-33	1	0	0	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.06	3.0	10.75	11.41	0	0	-31	1	0	0	1	1	0	0.060	0
235	232	19.03	2.81	3.0	10.69	11.51	0	0	-26	1	0	1	1	1	0	0.060	0
236	233	19.11	2.66	2.9	10.68	11.34	0	0	-23	1	0	1	1	1	0	0.060	0
237	234	19.19	2.65	2.9	10.71	11.37	0	0	-22	1	0	1	1	1	0	0.060	0
238	235	19.27	2.77	3.0	10.71	11.49	0	0	-24	1	0	1	1	1	0	0.060	0
239	236	19.36	2.9	3.0	10.59	11.3	0	0	-29	1	0	1	1	1	0	0.060	0
240	237	19.44	3.01	3.0	10.4	10.94	0	0	-35	1	0	0	1	1	0	0.060	0
241	238	19.52	3.05	3.0	10.28	11.02	0	0	-39	1	0	0	1	1	0	0.060	0
242	239	19.6	3.11	3.0	10.33	11.04	0	0	-40	1	0	0	1	1	0	0.060	0
243	240	19.68	3.15	3.0	10.47	11.22	0	0	-39	1	0	0	1	1	0	0.060	0
244	241	19.77	3.19	3.0	10.8	11.54	0	0	-33	1	0	0	1	1	0	0.060	0
245	242	19.85	3.21	3.0	11.28	12.09	0	0	-24	1	0	0	1	1	0	0.060	0
246	243	19.93	3.28	3.0	11.88	12.7	0	0	-13	1	0	0	1	1	0	0.060	0
247	244	20.01	3.4	3.0	12.37	13.42	0	0	-3	1	0	0	1	1	0	0.060	0
248	245	20.09	3.56	3.0	12.69	13.7	0	0	5	1	0	0	1	1	0	0.060	0
249	246	20.18	3.76	3.0	12.66	13.81	0	0	5	1	0	0	1	1	0	0.060	0
250	247	20.26	3.94	3.0	12.35	13.52	0	0	-6	1	0	0	1	1	0	0.060	0
251	248	20.34	4.03	3.0	11.79	12.95	0	0	-38	1	0	0	1	1	0	0.060	0
252	249	20.42	4.01	3.0	11.19	12.26	0	0	51	1	0	0	1	1	0	0.060	0
253	250	20.5	3.89	3.0	10.61	11.76	0	0	-7	1	0	0	1	1	0	0.060	0
254	251	20.59	3.77	3.1	10.09	11.17	0	0	-77	1	0	0	1	1	0	0.060	0
255	252	20.67	3.67	3.1	9.68	10.6	0	0	83	1	0	0	1	1	0	0.060	0
256	253	20.75	3.6	3.1	9.64	10.44	0	0	-79	1	0	0	1	1	0	0.060	0
257	254	20.83	3.42	3.0	10.37	11.05	0	0	-51	1	0	0	1	1	0	0.060	0
258	255	20.92	3.26	3.0	11.42	12.84	0	0	-23	1	0	0	1	1	0	0.060	0
259	256	21	3.12	2.9	12.22	13.86	0	0	-5	1	0	0	1	1	0	0.060	0
260	257	21.08	3.09	2.9	12.01	13.83	0	0	-9	1	0	0	1	1	0	0.060	0
261	258	21.16	3.13	3.0	11.15	12.5	0	0	-25	1	0	0	1	1	0	0.060	0
262	259	21.24	3.14	3.0	10.22	11.34	0	0	-43	1	0	0	1	1	0	0.060	0
263	260	21.33	3.07	3.0	9.68	10.86	0	0	-50	1	0	0	1	1	0	0.060	0
264	261	21.41	2.93	3.0	9.68	10.6	0	0	-44	1	0	1	1	1	0	0.060	0
265	262	21.49	2.89	3.0	10.01	11.03	0	0	-38	1	0	1	1	1	0	0.060	0
266	263	21.57	2.93	3.0	10.57	11.72	0	0	-30	1	0	1	1	1	0	0.060	0
267	264	21.65	2.97	3.0	11.08	12.3	0	0	-23	1	0	1	1	1	0	0.060	0
268	265	21.74	3.01	3.0	11.42	12.76	0	0	-18	1	0	0	1	1	0	0.060	0
269	266	21.82	3.11	3.0	11.55	12.99	0	0	-17	1	0	0	1	1	0	0.060	0
270	267	21.9	3.33	3.0	11.45	12.85	0	0	-23	1	0	0	1	1	0	0.060	0
271	268	21.98	3.53	3.0	11.25	12.48	0	0	-33	1	0	0	1	1	0	0.060	0
272	269	22.06	3.59	3.0	11.06	12.29	0	0	-40	1	0	0	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.46	3.0	10.84	12.24	0	0	-41	1	0	0	1	1	0	0.060	0
274	271	22.23	3.2	3.0	10.55	11.88	0	0	-39	1	0	0	1	1	0	0.060	0
275	272	22.31	2.86	3.0	10.26	11.49	0	0	-33	1	0	1	1	1	0	0.060	0
276	273	22.39	2.76	3.0	9.91	11.39	0	0	-35	1	0	1	1	1	0	0.060	0
277	274	22.47	2.9	3.0	9.88	10.79	0	0	-40	1	0	1	1	1	0	0.060	0
278	275	22.56	3.3	3.0	10.01	11.33	0	0	-54	1	0	0	1	1	0	0.060	0
279	276	22.64	3.65	3.0	10.44	11.81	0	0	-60	1	0	0	1	1	0	0.060	0
280	277	22.72	3.89	3.0	10.88	12.27	0	0	-57	1	0	0	1	1	0	0.060	0
281	278	22.8	4.1	3.0	11.27	13.09	0	0	-52	1	0	0	1	1	0	0.060	0
282	279	22.88	4.32	3.0	11.54	13.47	0	0	-48	1	0	0	1	1	0	0.060	0
283	280	22.97	4.58	3.1	11.87	13.54	0	0	-39	1	0	0	1	1	0	0.060	0
284	281	23.05	4.58	3.0	12.74	14.54	0	0	15	1	0	0	1	1	0	0.060	0
285	282	23.13	4.37	3.0	13.79	16.65	0	0	68	1	0	0	1	1	0	0.060	0
286	283	23.21	4.24	3.0	14.18	17.35	0	0	79	1	0	0	1	1	0	0.060	0
287	284	23.29	4.44	3.0	13.48	16.08	0	0	54	1	0	0	1	1	0	0.060	0
288	285	23.38	4.9	3.1	12.31	14.49	0	0	-15	1	0	0	1	1	0	0.060	0
289	286	23.46	5.19	3.1	11.44	13.51	0	0	-106	1	0	0	1	1	0	0.060	0
290	287	23.54	5.07	3.1	10.93	13.14	0	0	-43	1	0	0	1	1	0	0.060	0
291	288	23.62	4.72	3.1	10.47	12.71	0	0	-41	1	0	0	1	1	0	0.060	0
292	289	23.7	4.41	3.1	9.74	11.91	0	0	-109	1	0	0	1	1	0	0.060	0
293	290	23.79	4.13	3.1	8.88	10.64	0	0	-158	1	0	0	1	1	0	0.060	0
294	291	23.87	3.6	3.1	8.15	9.68	0	0	-121	1	0	0	1	1	0	0.060	0
295	292	23.95	2.83	3.1	7.76	9.21	0	0	-68	1	0	1	1	1	0	0.060	0
296	293	24.03	2.14	3.0	7.55	8.98	0	0	-39	1	0	1	1	1	0	0.060	0
297	294	24.11	1.79	3.0	7.44	8.66	0	0	-29	1	0	1	1	1	0	0.060	0
298	295	24.2	1.68	3.0	7.37	8.59	0	0	-26	1	0	1	1	1	0	0.060	0
299	296	24.28	1.68	3.0	7.42	8.56	0	0	-26	1	0	1	1	1	0	0.060	0
300	297	24.36	1.71	3.0	7.53	8.72	0	0	-26	1	0	1	1	1	0	0.060	0
301	298	24.44	1.85	3.0	7.67	8.88	0	0	-29	1	0	1	1	1	0	0.060	0
302	299	24.52	2.05	3.0	7.79	9.02	0	0	-34	1	0	1	1	1	0	0.060	0
303	300	24.61	2.25	3.0	7.8	9.18	0	0	-40	1	0	1	1	1	0	0.060	0
304	301	24.69	2.33	3.0	7.67	9.05	0	0	-45	1	0	1	1	1	0	0.060	0
305	302	24.77	2.33	3.1	7.3	8.79	0	0	-48	1	0	1	1	1	0	0.060	0
306	303	24.85	2.24	3.1	6.85	8.19	0	0	-48	1	0	1	1	1	0	0.060	0
307	304	24.93	2.05	3.1	6.41	7.67	0	0	-44	1	0	1	1	1	0	0.060	0
308	305	25.02	1.78	3.1	6.18	7.29	0	0	-35	1	0	1	1	1	0	0.060	0
309	306	25.1	1.53	3.0	6.2	7.28	0	0	-28	1	0	1	1	1	0	0.060	0
310	307	25.18	1.47	3.0	6.38	7.58	0	0	-26	1	0	1	1	1	0	0.060	0
311	308	25.26	1.62	3.0	6.62	7.8	0	0	-28	1	0	1	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	1.85	3.0	6.77	8.08	0	0	-34	1	0	1	1	1	0	0.060	0
313	310	25.43	2.05	3.1	6.86	8.19	0	0	-41	1	0	1	1	1	0	0.060	0
314	311	25.51	2.14	3.1	6.98	8.25	0	0	-43	1	0	1	1	1	0	0.060	0
315	312	25.59	2.18	3.0	7.26	8.64	0	0	-42	1	0	1	1	1	0	0.060	0
316	313	25.67	2.23	3.0	7.77	9.29	0	0	-40	1	0	1	1	1	0	0.060	0
317	314	25.75	2.34	3.0	8.08	10.32	0	0	-41	1	0	1	1	1	0	0.060	0
318	315	25.84	2.65	3.1	8.05	10.07	0	0	-55	1	0	1	1	1	0	0.060	0
319	316	25.92	3.17	3.1	7.72	9.54	0	0	-92	1	0	0	1	1	0	0.060	0
320	317	26	3.8	3.2	7.58	9.14	0	0	-162	1	0	0	1	1	0	0.060	0
321	318	26.08	4.08	3.2	7.92	9.47	0	0	-189	1	0	0	1	1	0	0.060	0
322	319	26.16	3.9	3.1	8.68	10.55	0	0	-136	1	0	0	1	1	0	0.060	0
323	320	26.25	3.64	3.1	9.38	11.84	0	0	-90	1	0	0	1	1	0	0.060	0
324	321	26.33	3.74	3.1	9.57	12.18	0	0	-92	1	0	0	1	1	0	0.060	0
325	322	26.41	4.23	3.1	9.14	11.57	0	0	-157	1	0	0	1	1	0	0.060	0
326	323	26.49	4.5	3.1	9.05	10.46	0	0	-201	1	0	0	1	1	0	0.060	0
327	324	26.57	3.86	3.0	10.48	11.49	0	0	-70	1	0	0	1	1	0	0.060	0
328	325	26.66	2.76	2.9	14.28	15.94	0	0	24	1	0	1	1	1	0	0.060	0
329	326	26.74	2.16	2.7	19.61	23.8	0	0	[illegible]	1	0	1	1	1	0	0.060	0
330	327	26.82	2.01	2.6	24.61	29.63	0.02	0.4	84	1	1	1	0	1	0	0.060	0
331	328	26.9	2.19	2.6	27.45	33.31	0.02	0.36	1[illegible]	1	1	1	0	1	0	0.040	0
332	329	26.98	2.45	2.6	27.73	33.9	0.02	0.35	15[illegible]	1	1	1	0	1	0	0.020	0
333	330	27.07	2.86	2.7	25.08	31.09	0	0	[illegible]	1	0	1	0	1	0	0.000	0
334	331	27.15	3.45	2.8	21.13	25.01	0	0	211	1	0	0	0	1	0	0.000	0
335	332	27.23	4.2	2.9	17.69	21.1	0	0	237	1	0	0	0	1	0	0.000	0
336	333	27.31	4.58	2.9	16.58	19.41	0	0	253	1	0	0	0	1	0	0.000	0
337	334	27.39	4.67	2.9	16.67	20.98	0	0	278	1	0	0	0	1	0	0.000	0
338	335	27.48	4.67	2.9	16.85	21.38	0	0	290	1	0	0	0	1	0	0.000	0
339	336	27.56	4.93	3.0	15.86	20.08	0	0	275	1	0	0	0	1	0	0.000	0
340	337	27.64	5.29	3.0	14.22	17.57	0	0	187	1	0	0	0	1	0	0.000	0
341	338	27.72	5.53	3.1	12.9	15.58	0	0	52	1	0	0	1	1	0	0.000	0
342	339	27.8	5.62	3.1	12.14	15.32	0	0	-50	1	0	0	1	1	0	0.000	0
343	340	27.89	5.48	3.1	11.8	14.67	0	0	-88	1	0	0	1	1	0	0.000	0
344	341	27.97	5.51	3.1	11.23	14.15	0	0	-163	1	0	0	1	1	0	0.000	0
345	342	28.05	5.46	3.1	10.56	13.29	0	0	-240	1	0	0	1	1	0	0.000	0
346	343	28.13	5.21	3.1	10.14	12.34	0	0	-241	1	0	0	1	1	0	0.000	0
347	344	28.21	4.7	3.1	10.14	12.68	0	0	-161	1	0	0	1	1	0	0.000	0
348	345	28.3	4.28	3.1	10.24	13.2	0	0	-110	1	0	0	1	1	0	0.000	0
349	346	28.38	4.18	3.1	9.96	12.76	0	0	-114	1	0	0	1	1	0	0.000	0
350	347	28.46	4.17	3.1	9.23	11.87	0	0	-146	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.11	3.1	8.51	10.7	0	0	-169	1	0	0	1	1	0	0.000	0
352	349	28.63	4.16	3.2	7.86	10.05	0	0	-205	1	0	0	1	1	0	0.000	0
353	350	28.71	4.34	3.2	7.52	9.27	0	0	-255	1	0	0	1	1	0	0.000	0
354	351	28.79	4.64	3.2	7.4	9.21	0	0	-332	1	0	0	1	1	0	0.000	0
355	352	28.87	5.09	3.2	7.83	9.36	0	0	-433	1	0	0	1	1	0	0.000	0
356	353	28.95	4.48	3.1	10.58	10.57	0	0	-110	1	0	0	1	1	0	0.000	0
357	354	29.04	4.2	3.0	13.51	19.24	0	0	46	1	0	0	1	1	0	0.000	0
358	355	29.12	3.8	2.9	16.95	20.24	0	0	146	1	0	0	0	1	0	0.000	0
359	356	29.2	3.82	2.8	18.71	23.69	0	0	207	1	0	0	0	1	0	0.000	0
360	357	29.28	3.81	2.8	20.39	26.11	0	0	261	1	0	0	0	1	0	0.000	0
361	358	29.36	3.9	2.8	20.84	26.61	0	0	298	1	0	0	0	1	0	0.000	0
362	359	29.45	4.06	2.8	20.01	25.5	0	0	306	1	0	0	0	1	0	0.000	0
363	360	29.53	4.34	2.9	18.25	23.31	0	0	294	1	0	0	0	1	0	0.000	0
364	361	29.61	4.62	2.9	16.37	20.26	0	0	248	1	0	0	0	1	0	0.000	0
365	362	29.69	4.96	3.0	14.86	18.66	0	0	198	1	0	0	0	1	0	0.000	0
366	363	29.77	5.23	3.0	13.72	17.85	0	0	126	1	0	0	0	1	0	0.000	0
367	364	29.86	5.69	3.1	12.57	16.18	0	0	10	1	0	0	1	1	0	0.000	0
368	365	29.94	5.99	3.1	11.67	14.51	0	0	-53	1	0	0	1	1	0	0.000	0
369	366	30.02	5.33	3.1	12.43	14.61	0	0	-8	1	0	0	1	1	0	0.000	0
370	367	30.1	4.24	3.0	14.91	18.93	0	0	114	1	0	0	0	1	0	0.000	0
371	368	30.18	3.6	2.8	17.75	23.56	0	0	146	1	0	0	0	1	0	0.000	0
372	369	30.27	3.74	2.8	18.48	25.04	0	0	187	1	0	0	0	1	0	0.000	0
373	370	30.35	4.32	2.9	16.62	21.69	0	0	207	1	0	0	0	1	0	0.000	0
374	371	30.43	5.04	3.0	13.54	16.84	0	0	93	1	0	0	0	1	0	0.000	0
375	372	30.51	5.59	3.1	10.94	13.83	0	0	-213	1	0	0	1	1	0	0.000	0
376	373	30.59	5.75	3.2	9.25	12.25	0	0	-501	1	0	0	1	1	0	0.000	0
377	374	30.68	5.96	3.3	8.12	10.73	0	0	-792	1	0	0	1	1	0	0.000	0
378	375	30.76	5.97	3.3	7.78	9.73	0	0	-860	1	0	0	1	1	0	0.000	0
379	376	30.84	5.73	3.2	8.44	11.02	0	0	-617	1	0	0	1	1	0	0.000	0
380	377	30.92	5.23	3.2	9.71	13.07	0	0	-289	1	0	0	1	1	0	0.000	0
381	378	31	5.25	3.1	10.37	14.33	0	0	-224	1	0	0	1	1	0	0.000	0
382	379	31.09	5.64	3.2	10.23	13.45	0	0	-322	1	0	0	1	1	0	0.000	0
383	380	31.17	6.18	3.2	9.63	12.59	0	0	-612	1	0	0	1	1	0	0.000	0
384	381	31.25	6.36	3.2	9.1	12.21	0	0	-828	1	0	0	1	1	0	0.000	0
385	382	31.33	6.36	3.2	8.77	11.54	0	0	-908	1	0	0	1	1	0	0.000	0
386	383	31.41	6.56	3.3	8.78	11.38	0	0	-1049	1	0	0	1	1	0	0.000	0
387	384	31.5	6.63	3.2	9.44	12.22	0	0	-908	1	0	0	1	1	0	0.000	0
388	385	31.58	5.93	3.1	11.56	13.93	0	0	-166	1	0	0	1	1	0	0.000	0
389	386	31.66	5.07	3.0	14.33	19.12	0	0	167	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	4.52	2.9	16.55	22.49	0	0	239	1	0	0	0	1	0	0.000	0
391	388	31.82	4.47	2.9	16.53	22.29	0	0	229	1	0	0	0	1	0	0.000	0
392	389	31.91	4.45	3.0	14.56	19.23	0	0	115	1	0	0	0	1	0	0.000	0
393	390	31.99	3.98	3.0	12.02	15.26	0	0	-18	1	0	0	1	1	0	0.000	0
394	391	32.07	3.13	3.0	9.76	12.95	0	0	-51	1	0	0	1	1	0	0.000	0
395	392	32.15	2.5	3.0	7.99	10.98	0	0	-49	1	0	1	1	1	0	0.000	0
396	393	32.23	2.47	3.1	6.84	8.83	0	0	-59	1	0	1	1	1	0	0.000	0
397	394	32.32	2.67	3.2	6.06	8.44	0	0	-81	1	0	1	1	1	0	0.000	0
398	395	32.4	2.65	3.2	6.08	7.8	0	0	-79	1	0	1	1	1	0	0.000	0
399	396	32.48	2.72	3.1	6.32	8.44	0	0	-81	1	0	1	1	1	0	0.000	0
400	397	32.56	2.79	3.1	6.91	9.04	0	0	-78	1	0	1	1	1	0	0.000	0
401	398	32.64	3.16	3.1	7.27	9.66	0	0	-100	1	0	0	1	1	0	0.000	0
402	399	32.73	3.49	3.1	7.37	9.58	0	0	-130	1	0	0	1	1	0	0.000	0
403	400	32.81	3.73	3.2	7.2	9.4	0	0	-164	1	0	0	1	1	0	0.000	0
404	401	32.89	3.75	3.2	6.96	9.17	0	0	-175	1	0	0	1	1	0	0.000	0
405	402	32.97	3.88	3.2	6.73	8.91	0	0	-202	1	0	0	1	1	0	0.000	0
406	403	33.05	3.92	3.2	6.56	8.65	0	0	-215	1	0	0	1	1	0	0.000	0
407	404	33.14	4.01	3.2	6.42	8.57	0	0	-237	1	0	0	1	1	0	0.000	0
408	405	33.22	3.99	3.2	6.31	8.43	0	0	-238	1	0	0	1	1	0	0.000	0
409	406	33.3	4.08	3.2	6.22	8.31	0	0	-270	1	0	0	1	1	0	0.000	0
410	407	33.38	4.18	3.3	6.15	8.23	0	0	-285	1	0	0	1	1	0	0.000	0
411	408	33.46	4.24	3.3	6.13	8.23	0	0	-300	1	0	0	1	1	0	0.000	0
412	409	33.55	4.34	3.3	6.12	8.27	0	0	-326	1	0	0	1	1	0	0.000	0
413	410	33.63	4.48	3.3	6.15	8.25	0	0	-363	1	0	0	1	1	0	0.000	0
414	411	33.71	4.68	3.3	6.18	8.41	0	0	-425	1	0	0	1	1	0	0.000	0
415	412	33.79	4.8	3.3	6.22	8.45	0	0	-464	1	0	0	1	1	0	0.000	0
416	413	33.87	4.95	3.3	6.21	8.5	0	0	-523	1	0	0	1	1	0	0.000	0
417	414	33.96	5.04	3.3	6.21	8.48	0	0	-561	1	0	0	1	1	0	0.000	0
418	415	34.04	5.12	3.3	6.21	8.55	0	0	-598	1	0	0	1	1	0	0.000	0
419	416	34.12	5.1	3.3	6.2	8.51	0	0	-589	1	0	0	1	1	0	0.000	0
420	417	34.2	5.03	3.3	6.1	8.47	0	0	-567	1	0	0	1	1	0	0.000	0
421	418	34.28	4.93	3.3	5.89	8.21	0	0	-541	1	0	0	1	1	0	0.000	0
422	419	34.37	4.79	3.3	5.59	7.77	0	0	-507	1	0	0	1	1	0	0.000	0
423	420	34.45	4.69	3.3	5.26	7.41	0	0	-490	1	0	0	1	1	0	0.000	0
424	421	34.53	4.5	3.3	5.03	7	0	0	-434	1	0	0	1	1	0	0.000	0
425	422	34.61	4.56	3.4	4.99	6.84	0	0	-458	1	0	0	1	1	0	0.000	0
426	423	34.69	4.74	3.3	5.29	7.08	0	0	-508	1	0	0	1	1	0	0.000	0
427	424	34.78	4.66	3.3	6.53	7.86	0	0	-395	1	0	0	1	1	0	0.000	0
428	425	34.86	4.08	3.1	8.7	11.12	0	0	-157	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.71	3.0	10.8	15.28	0	0	-52	1	0	0	1	1	0	0.000	0
430	427	35.02	3.66	3.0	11.36	16.37	0	0	-33	1	0	0	1	1	0	0.000	0
431	428	35.1	3.94	3.1	10.09	13.95	0	0	-89	1	0	0	1	1	0	0.000	0
432	429	35.19	4.33	3.2	8.06	11.03	0	0	-225	1	0	0	1	1	0	0.000	0
433	430	35.27	3.89	3.2	6.35	8.76	0	0	-218	1	0	0	1	1	0	0.000	0
434	431	35.35	3.14	3.2	5.22	7.49	0	0	-137	1	0	0	1	1	0	0.000	0
435	432	35.43	2.2	3.2	4.66	6.49	0	0	-65	1	0	1	1	1	0	0.000	0
436	433	35.51	2.32	3.2	4.46	6.32	0	0	-74	1	0	1	1	1	0	0.000	0
437	434	35.6	2.55	3.3	4.54	6.34	0	0	-90	1	0	1	1	1	0	0.000	0
438	435	35.68	2.83	3.3	4.64	6.43	0	0	-113	1	0	1	1	1	0	0.000	0
439	436	35.76	3.09	3.3	4.72	6.44	0	0	-140	1	0	0	1	1	0	0.000	0
440	437	35.84	3.27	3.3	4.75	6.53	0	0	-163	1	0	0	1	1	0	0.000	0
441	438	35.92	3.38	3.3	4.77	6.61	0	0	-178	1	0	0	1	1	0	0.000	0
442	439	36.01	3.44	3.3	4.75	6.6	0	0	-188	1	0	0	1	1	0	0.000	0
443	440	36.09	3.52	3.3	4.73	6.54	0	0	-202	1	0	0	1	1	0	0.000	0
444	441	36.17	3.51	3.3	4.72	6.54	0	0	-200	1	0	0	1	1	0	0.000	0
445	442	36.25	3.58	3.3	4.7	6.6	0	0	-213	1	0	0	1	1	0	0.000	0
446	443	36.33	3.69	3.3	4.67	6.52	0	0	-225	1	0	0	1	1	0	0.000	0
447	444	36.42	3.91	3.3	4.58	6.49	0	0	-285	1	0	0	1	1	0	0.000	0
448	445	36.5	4.04	3.4	4.52	6.37	0	0	-319	1	0	0	1	1	0	0.000	0
449	446	36.58	4.13	3.4	4.43	6.33	0	0	-348	1	0	0	1	1	0	0.000	0
450	447	36.66	4.25	3.4	4.36	6.21	0	0	-387	1	0	0	1	1	0	0.000	0
451	448	36.74	4.37	3.4	4.28	6.16	0	0	-431	1	0	0	1	1	0	0.000	0
452	449	36.83	4.39	3.4	4.23	6.09	0	0	-440	1	0	0	1	1	0	0.000	0
453	450	36.91	4.25	3.4	4.17	6.07	0	0	-396	1	0	0	1	1	0	0.000	0
454	451	36.99	4.12	3.4	4.12	6.01	0	0	-358	1	0	0	1	1	0	0.000	0
455	452	37.07	4.04	3.4	4.09	5.95	0	0	-337	1	0	0	1	1	0	0.000	0
456	453	37.16	4	3.4	4.08	5.92	0	0	-326	1	0	0	1	1	0	0.000	0
457	454	37.24	3.95	3.4	4.12	5.9	0	0	-312	1	0	0	1	1	0	0.000	0
458	455	37.32	4.04	3.4	4.17	6	0	0	-333	1	0	0	1	1	0	0.000	0
459	456	37.4	4.21	3.4	4.22	6.1	0	0	-381	1	0	0	1	1	0	0.000	0
460	457	37.48	4.39	3.4	4.27	6.1	0	0	-438	1	0	0	1	1	0	0.000	0
461	458	37.57	4.28	3.4	4.41	6.26	0	0	-394	1	0	0	1	1	0	0.000	0
462	459	37.65	3.96	3.3	4.64	6.67	0	0	-295	1	0	0	1	1	0	0.000	0
463	460	37.73	3.37	3.3	4.89	6.94	0	0	-174	1	0	0	1	1	0	0.000	0
464	461	37.81	2.85	3.2	4.97	7.16	0	0	-110	1	0	1	1	1	0	0.000	0
465	462	37.89	2.56	3.2	4.83	7.01	0	0	-87	1	0	1	1	1	0	0.000	0
466	463	37.98	2.65	3.3	4.56	6.49	0	0	-98	1	0	1	1	1	0	0.000	0
467	464	38.06	2.99	3.3	4.31	6.16	0	0	-135	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	3.35	3.3	4.25	5.92	0	0	-186	1	0	0	1	1	0	0.000	0
469	466	38.22	3.53	3.3	4.31	6.07	0	0	-215	1	0	0	1	1	0	0.000	0
470	467	38.3	3.6	3.3	4.39	6.24	0	0	-225	1	0	0	1	1	0	0.000	0
471	468	38.39	3.68	3.3	4.41	6.26	0	0	-240	1	0	0	1	1	0	0.000	0
472	469	38.47	3.59	3.3	4.38	6.27	0	0	-224	1	0	0	1	1	0	0.000	0
473	470	38.55	3.27	3.3	4.36	6.24	0	0	-171	1	0	0	1	1	0	0.000	0
474	471	38.63	2.93	3.3	4.38	6.28	0	0	-127	1	0	1	1	1	0	0.000	0
475	472	38.71	2.86	3.3	4.44	6.41	0	0	-119	1	0	1	1	1	0	0.000	0
476	473	38.8	3.08	3.3	4.53	6.5	0	0	-142	1	0	0	1	1	0	0.000	0
477	474	38.88	3.41	3.3	4.6	6.67	0	0	-187	1	0	0	1	1	0	0.000	0
478	475	38.96	3.75	3.3	4.63	6.69	0	0	-248	1	0	0	1	1	0	0.000	0
479	476	39.04	4.16	3.4	4.63	6.7	0	0	-348	1	0	0	1	1	0	0.000	0
480	477	39.12	4.5	3.4	4.69	6.76	0	0	-454	1	0	0	1	1	0	0.000	0
481	478	39.21	4.76	3.4	4.79	6.96	0	0	-552	1	0	0	1	1	0	0.000	0
482	479	39.29	4.86	3.4	4.9	7.12	0	0	-589	1	0	0	1	1	0	0.000	0
483	480	39.37	4.77	3.4	4.96	7.17	0	0	-544	1	0	0	1	1	0	0.000	0
484	481	39.45	4.66	3.4	4.94	7.23	0	0	-500	1	0	0	1	1	0	0.000	0
485	482	39.53	4.5	3.4	4.9	7.08	0	0	-42	1	0	0	1	1	0	0.000	0
486	483	39.62	4.31	3.4	4.78	7.01	0	0	-85	1	0	0	1	1	0	0.000	0
487	484	39.7	3.93	3.3	4.68	6.77	0	0	-2[illegible]6	1	0	0	1	1	0	0.000	0
488	485	39.78	3.43	3.3	4.53	6.65	0	0	-192	1	0	0	1	1	0	0.000	0
489	486	39.86	3.08	3.3	4.36	6.42	0	0	-45	1	0	0	1	1	0	0.000	0
490	487	39.94	2.88	3.3	4.23	6.1	0	0	-124	1	0	1	1	1	0	0.000	0
491	488	40.03	2.98	3.3	4.28	6.04	0	0	-135	1	0	1	1	1	0	0.000	0
492	489	40.11	3.34	3.3	4.57	6.42	0	0	-177	1	0	0	1	1	0	0.000	0
493	490	40.19	3.9	3.3	4.96	7.02	0	0	-269	1	0	0	1	1	0	0.000	0
494	491	40.27	4.34	3.3	5.2	7.52	0	0	-373	1	0	0	1	1	0	0.000	0
495	492	40.35	4.66	3.3	5.21	7.6	0	0	-482	1	0	0	1	1	0	0.000	0
496	493	40.44	4.93	3.4	5.03	7.46	0	0	-612	1	0	0	1	1	0	0.000	0
497	494	40.52	5.14	3.4	4.74	7.16	0	0	-749	1	0	0	1	1	0	0.000	0
498	495	40.6	5.08	3.4	4.46	6.56	0	0	-740	1	0	0	1	1	0	0.000	0
499	496	40.68	4.61	3.4	4.24	6.33	0	0	-525	1	0	0	1	1	0	0.000	0
500	497	40.76	3.84	3.4	4.19	6.19	0	0	-282	1	0	0	1	1	0	0.000	0
501	498	40.85	2.99	3.3	4.22	6.15	0	0	-137	1	0	1	1	1	0	0.000	0
502	499	40.93	2.25	3.2	4.31	6.3	0	0	-71	1	0	1	1	1	0	0.000	0
503	500	41.01	1.73	3.2	4.44	6.42	0	0	-43	1	0	1	1	1	0	0.000	0
504	501	41.09	1.58	3.2	4.57	6.54	0	0	-37	1	0	1	1	1	0	0.000	0
505	502	41.17	2.11	3.2	4.81	6.73	0	0	-58	1	0	1	1	1	0	0.000	0
506	503	41.26	3	3.2	5.3	7.24	0	0	-120	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	4.84	3.3	6.92	8.3	0	0	-426	1	0	0	1	1	0	0.000	0
508	505	41.42	5.52	3.2	9.65	12.84	0	0	-369	1	0	0	1	1	0	0.000	0
509	506	41.5	6.21	3.1	11.99	18.02	0	0	-111	1	0	0	1	1	0	0.000	0
510	507	41.58	6.55	3.1	12.48	18.15	0	0	-6	1	0	0	1	1	0	0.000	0
511	508	41.67	6.75	3.2	11.62	15.67	0	0	-285	1	0	0	1	1	0	0.000	0
512	509	41.75	5.8	3.2	10.24	15.36	0	0	-362	1	0	0	1	1	0	0.000	0
513	510	41.83	4.33	3.1	8.79	12.92	0	0	-188	1	0	0	1	1	0	0.000	0
514	511	41.91	2.95	3.1	7.09	10.02	0	0	-86	1	0	1	1	1	0	0.000	0
515	512	41.99	2.62	3.2	5.75	8.62	0	0	-81	1	0	1	1	1	0	0.000	0
516	513	42.08	2.59	3.2	5.1	7.47	0	0	-86	1	0	1	1	1	0	0.000	0
517	514	42.16	2.62	3.2	4.74	7.17	0	0	-93	1	0	1	1	1	0	0.000	0
518	515	42.24	2.6	3.3	4.57	6.87	0	0	-93	1	0	1	1	1	0	0.000	0
519	516	42.32	2.25	3.2	4.53	6.49	0	0	-69	1	0	1	1	1	0	0.000	0
520	517	42.4	1.82	3.2	4.54	6.69	0	0	-46	1	0	1	1	1	0	0.000	0
521	518	42.49	1.51	3.1	4.53	6.8	0	0	-35	1	0	1	1	1	0	0.000	0
522	519	42.57	1.45	3.2	4.29	6.45	0	0	-34	1	0	1	1	1	0	0.000	0
523	520	42.65	1.57	3.2	4.01	5.85	0	0	-39	1	0	1	1	1	0	0.000	0
524	521	42.73	1.72	3.2	3.82	5.66	0	0	-46	1	0	1	1	1	0	0.000	0
525	522	42.81	1.83	3.3	3.8	5.65	0	0	-51	1	0	1	1	1	0	0.000	0
526	523	42.9	1.9	3.3	3.81	5.72	0	0	-54	1	0	1	1	1	0	0.000	0
527	524	42.98	1.94	3.3	3.84	5.79	0	0	-56	1	0	1	1	1	0	0.000	0
528	525	43.06	1.96	3.3	3.84	5.84	0	0	-57	1	0	1	1	1	0	0.000	0
529	526	43.14	2.03	3.3	3.84	5.79	0	0	-61	1	0	1	1	1	0	0.000	0
530	527	43.22	2.13	3.3	3.94	5.83	0	0	-66	1	0	1	1	1	0	0.000	0
531	528	43.31	2.34	3.3	4.25	6.16	0	0	-77	1	0	1	1	1	0	0.000	0
532	529	43.39	2.46	3.2	4.62	6.85	0	0	-82	1	0	1	1	1	0	0.000	0
533	530	43.47	2.55	3.2	5.01	7.24	0	0	-84	1	0	1	1	1	0	0.000	0
534	531	43.55	2.67	3.2	5.25	7.8	0	0	-91	1	0	1	1	1	0	0.000	0
535	532	43.63	2.84	3.2	5.44	8.04	0	0	-102	1	0	1	1	1	0	0.000	0
536	533	43.72	3.03	3.2	5.54	8.1	0	0	-119	1	0	0	1	1	0	0.000	0
537	534	43.8	3.13	3.2	5.64	8.24	0	0	-128	1	0	0	1	1	0	0.000	0
538	535	43.88	3.18	3.2	5.66	8.36	0	0	-133	1	0	0	1	1	0	0.000	0
539	536	43.96	3.21	3.2	5.56	8.21	0	0	-139	1	0	0	1	1	0	0.000	0
540	537	44.04	3.26	3.2	5.34	8	0	0	-149	1	0	0	1	1	0	0.000	0
541	538	44.13	3.36	3.3	5.21	7.76	0	0	-165	1	0	0	1	1	0	0.000	0
542	539	44.21	3.42	3.3	5.16	7.79	0	0	-175	1	0	0	1	1	0	0.000	0
543	540	44.29	3.46	3.3	5.18	7.78	0	0	-181	1	0	0	1	1	0	0.000	0
544	541	44.37	3.46	3.3	5.13	7.79	0	0	-182	1	0	0	1	1	0	0.000	0
545	542	44.45	3.6	3.3	5.08	7.68	0	0	-206	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	3.8	3.3	5.14	7.58	0	0	-242	1	0	0	1	1	0	0.000	0
547	544	44.62	4.08	3.3	5.36	7.96	0	0	-295	1	0	0	1	1	0	0.000	0
548	545	44.7	4.37	3.3	5.74	8.51	0	0	-354	1	0	0	1	1	0	0.000	0
549	546	44.78	4.77	3.3	6.09	9.1	0	0	-462	1	0	0	1	1	0	0.000	0
550	547	44.86	5.05	3.3	6.56	9.46	0	0	-534	1	0	0	1	1	0	0.000	0
551	548	44.95	5.16	3.3	7.15	10.55	0	0	-524	1	0	0	1	1	0	0.000	0
552	549	45.03	5.14	3.2	7.74	11.51	0	0	-459	1	0	0	1	1	0	0.000	0
553	550	45.11	5.09	3.2	8.04	11.88	0	0	-414	1	0	0	1	1	0	0.000	0
554	551	45.19	5.04	3.2	7.98	11.78	0	0	-403	1	0	0	1	1	0	0.000	0
555	552	45.27	5.19	3.2	7.65	11.45	0	0	-487	1	0	0	1	1	0	0.000	0
556	553	45.36	5.51	3.3	7.17	10.69	0	0	-685	1	0	0	1	1	0	0.000	0
557	554	45.44	5.93	3.3	6.64	10.02	0	0	-1036	1	0	0	1	1	0	0.000	0
558	555	45.52	6.11	3.4	6.2	9.38	0	0	-1274	1	0	0	1	1	0	0.000	0
559	556	45.6	6.33	3.4	5.83	8.97	0	0	-1589	1	0	0	1	1	0	0.000	0
560	557	45.69	6.48	3.4	5.56	8.54	0	0	-1846	1	0	0	1	1	0	0.000	0
561	558	45.77	6.36	3.4	5.41	8.28	0	0	-1726	1	0	0	1	1	0	0.000	0
562	559	45.85	5.99	3.4	5.35	8.29	0	0	-1322	1	0	0	1	1	0	0.000	0
563	560	45.93	5.63	3.4	5.35	8.29	0	0	-1007	1	0	0	1	1	0	0.000	0
564	561	46.01	5.48	3.4	5.34	8.23	0	0	-799	1	0	0	1	1	0	0.000	0
565	562	46.1	5.39	3.4	5.32	8.16	0	0	-841	1	0	0	1	1	0	0.000	0
566	563	46.18	5.2	3.4	5.31	8.16	0	0	-727	1	0	0	1	1	0	0.000	0
567	564	46.26	4.95	3.4	5.29	8.13	0	0	-600	1	0	0	1	1	0	0.000	0
568	565	46.34	4.75	3.3	5.26	8.1	0	0	-514	1	0	0	1	1	0	0.000	0
569	566	46.42	4.7	3.4	5.13	8.01	0	0	-503	1	0	0	1	1	0	0.000	0
570	567	46.51	4.88	3.4	4.94	7.67	0	0	-595	1	0	0	1	1	0	0.000	0
571	568	46.59	5.29	3.4	4.7	7.37	0	0	-846	1	0	0	1	1	0	0.000	0
572	569	46.67	5.6	3.4	4.54	7.12	0	0	-1096	1	0	0	1	1	0	0.000	0
573	570	46.75	5.54	3.4	4.47	7.03	0	0	-1056	1	0	0	1	1	0	0.000	0
574	571	46.83	5.16	3.4	4.41	7.11	0	0	-793	1	0	0	1	1	0	0.000	0
575	572	46.92	4.77	3.4	4.3	6.88	0	0	-592	1	0	0	1	1	0	0.000	0
576	573	47	4.43	3.4	4.14	6.53	0	0	-460	1	0	0	1	1	0	0.000	0
577	574	47.08	4.02	3.4	4.02	6.39	0	0	-334	1	0	0	1	1	0	0.000	0
578	575	47.16	3.58	3.4	3.99	6.26	0	0	-233	1	0	0	1	1	0	0.000	0
579	576	47.24	3.23	3.4	3.94	6.25	0	0	-174	1	0	0	1	1	0	0.000	0
580	577	47.33	2.93	3.3	3.89	6.14	0	0	-135	1	0	1	1	1	0	0.000	0
581	578	47.41	2.72	3.3	3.87	6.04	0	0	-113	1	0	1	1	1	0	0.000	0
582	579	47.49	2.55	3.3	3.93	6.12	0	0	-96	1	0	1	1	1	0	0.000	0
583	580	47.57	2.51	3.3	4.02	6.24	0	0	-92	1	0	1	1	1	0	0.000	0
584	581	47.65	2.54	3.3	4.08	6.29	0	0	-94	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	2.72	3.3	4.11	6.34	0	0	-110	1	0	1	1	1	0	0.000	0
586	583	47.82	2.94	3.3	4.16	6.37	0	0	-132	1	0	1	1	1	0	0.000	0
587	584	47.9	3.13	3.3	4.23	6.52	0	0	-154	1	0	0	1	1	0	0.000	0
588	585	47.98	3.18	3.3	4.29	6.68	0	0	-160	1	0	0	1	1	0	0.000	0
589	586	48.06	3.13	3.3	4.33	6.75	0	0	-152	1	0	0	1	1	0	0.000	0
590	587	48.15	3.09	3.3	4.39	6.74	0	0	-146	1	0	0	1	1	0	0.000	0
591	588	48.23	3.05	3.3	4.55	6.85	0	0	-138	1	0	0	1	1	0	0.000	0
592	589	48.31	3	3.3	4.74	7.28	0	0	-129	1	0	0	1	1	0	0.000	0
593	590	48.39	3	3.3	4.8	7.42	0	0	-128	1	0	0	1	1	0	0.000	0
594	591	48.47	2.99	3.3	4.65	7.18	0	0	-130	1	0	1	1	1	0	0.000	0
595	592	48.56	3	3.3	4.41	6.84	0	0	-135	1	0	0	1	1	0	0.000	0
596	593	48.64	2.97	3.3	4.16	6.63	0	0	-135	1	0	1	1	1	0	0.000	0
597	594	48.72	3.11	3.4	3.91	6.13	0	0	-157	1	0	0	1	1	0	0.000	0
598	595	48.8	3.26	3.4	3.67	5.8	0	0	-184	1	0	0	1	1	0	0.000	0
599	596	48.88	3.33	3.4	3.53	5.64	0	0	-198	1	0	0	1	1	0	0.000	0
600	597	48.97	3.23	3.4	3.49	5.6	0	0	-183	1	0	0	1	1	0	0.000	0
601	598	49.05	3.09	3.4	3.54	5.62	0	0	-161	1	0	0	1	1	0	0.000	0
602	599	49.13	3.01	3.4	3.65	5.75	0	0	-149	1	0	0	1	1	0	0.000	0
603	600	49.21	2.89	3.3	3.81	5.94	0	0	-132	1	0	1	1	1	0	0.000	0
604	601	49.29	2.83	3.3	4.01	6.22	0	0	-122	1	0	1	1	1	0	0.000	0
605	602	49.38	2.82	3.3	4.2	6.51	0	0	-118	1	0	1	1	1	0	0.000	0
606	603	49.46	2.91	3.3	4.34	6.7	0	0	-126	1	0	1	1	1	0	0.000	0
607	604	49.54	2.92	3.3	4.44	6.79	0	0	-125	1	0	1	1	1	0	0.000	0
608	605	49.62	2.91	3.3	4.52	6.97	0	0	-123	1	0	1	1	1	0	0.000	0
609	606	49.7	2.72	3.3	4.51	7.04	0	0	-104	1	0	1	1	1	0	0.000	0
610	607	49.79	2.46	3.3	4.42	6.86	0	0	-84	1	0	1	1	1	0	0.000	0
611	608	49.87	2.24	3.3	4.25	6.66	0	0	-70	1	0	1	1	1	0	0.000	0
612	609	49.95	2.15	3.3	4.13	6.42	0	0	-66	1	0	1	1	1	0	0.000	0
613	610	50.03	2.19	3.3	4.04	6.28	0	0	-69	1	0	1	1	1	0	0.000	0
614	611	50.11	2.14	3.3	4.02	6.17	0	0	-66	1	0	1	1	1	0	0.000	0
615	612	50.2	1.41	3.2	4	6.23	0	0	-34	1	0	1	1	1	0	0.000	0
616	613	50.28	0.69	3.1	4	6.19	0	0	-17	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	3.97	6.14	0	0	-9	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	4.01	6.1	0	0	-8	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	4.05	6.28	0	0	-8	1	0	1	1	1	0	0.000	0

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GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

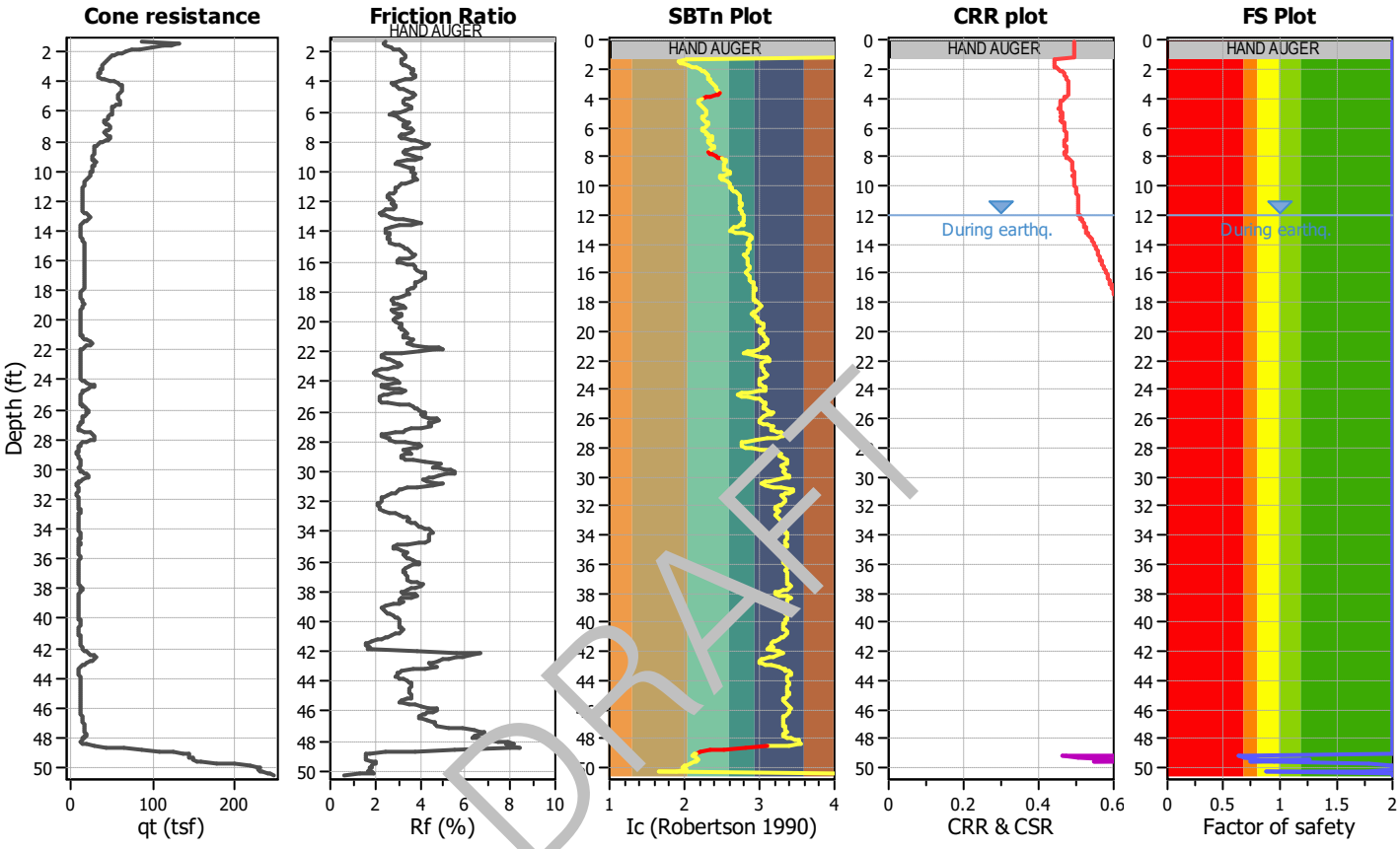
LIQUEFACTION ANALYSIS REPORT

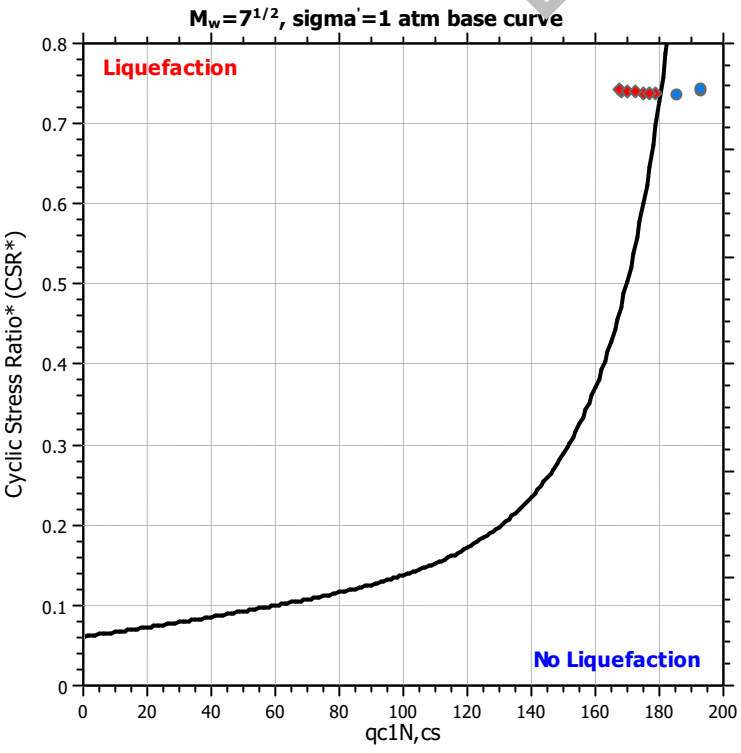
Project title : **Location :**

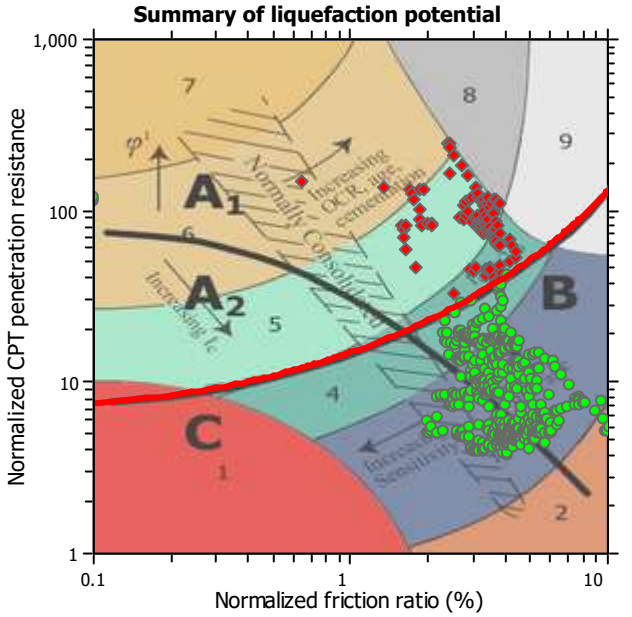
CPT file : CPT-7

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

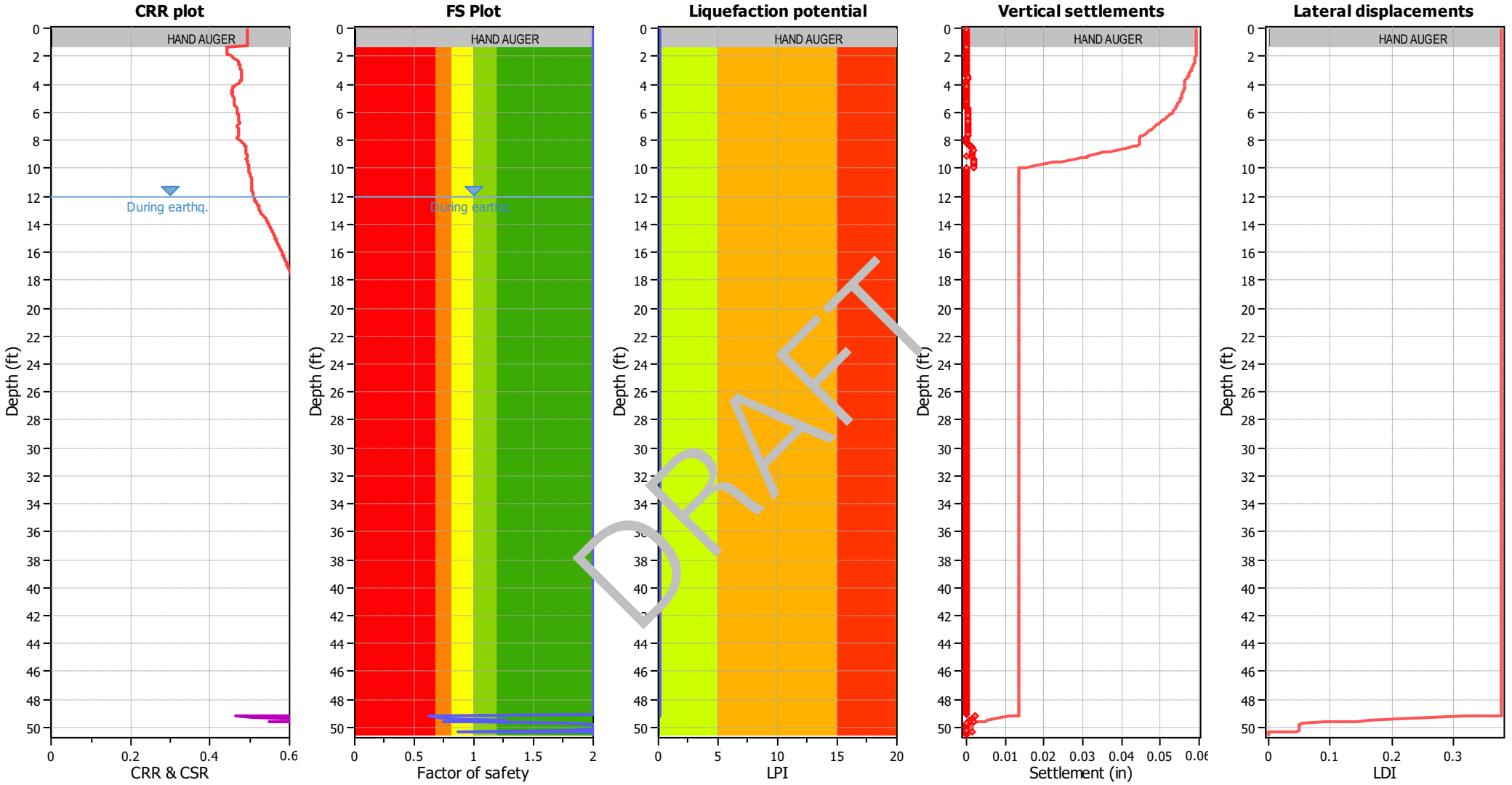






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



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Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-7, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
19	16	1.31	2.42	2.0	164.57	209.43	0	0	1524	0	1	1	0	1	0	0.000	0
20	17	1.39	2.41	1.9	247.78	210.66	0	0	2337	0	1	1	0	1	0	0.000	0
21	18	1.48	2.39	1.9	245.44	212.2	0	0	2273	0	1	1	0	1	0	0.000	0
22	19	1.56	2.42	2.0	233.03	203.52	0	0	2210	0	1	1	0	1	0	0.000	0
23	20	1.64	2.5	2.0	212.4	179.08	0	0	2151	0	1	1	0	1	0	0.000	0
24	21	1.72	2.69	2.0	184.15	159.72	0	0	2184	1	1	1	0	1	0	0.000	0
25	22	1.8	2.85	2.1	159.32	131.59	0	0	2149	1	1	1	0	1	0	0.000	0
26	23	1.89	3.05	2.2	138.41	115.81	0	0	2192	1	1	0	0	1	0	0.000	0
27	24	1.97	3.15	2.2	125.75	106.42	0	0	2148	1	1	0	0	1	0	0.000	0
28	25	2.05	3.22	2.2	116.2	99.32	0	0	2089	1	1	0	0	1	0	0.000	0
29	26	2.13	3.28	2.3	107.62	91.48	0	0	2017	1	1	0	0	1	0	0.000	0
30	27	2.21	3.31	2.3	99.88	84.58	0	0	1901	1	1	0	0	1	0	0.000	0
31	28	2.3	3.34	2.3	94.22	79.6	0	0	1823	1	1	0	0	1	0	0.000	0
32	29	2.38	3.31	2.3	90.39	77.07	0	0	1694	1	1	0	0	1	0	0.000	0
33	30	2.46	3.26	2.3	87.68	74.82	0	0	1567	1	1	0	0	1	0	0.000	0
34	31	2.54	3.18	2.3	85.03	72.72	0	0	1412	1	1	0	0	1	0	0.000	0
35	32	2.62	3.14	2.3	81.98	70.32	0	0	1307	1	1	0	0	1	0	0.000	0
36	33	2.71	3.15	2.3	79.02	67.05	0	0	1262	1	1	0	0	1	0	0.000	0
37	34	2.79	3.21	2.3	76.44	65.16	0	0	1277	1	1	0	0	1	0	0.000	0
38	35	2.87	3.29	2.4	74.46	63.78	0	0	1325	1	1	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	3.39	2.4	73.07	62.04	0	0	1410	1	1	0	0	1	0	0.000	0
40	37	3.03	3.52	2.4	72.01	61.66	0	0	1546	1	1	0	0	1	0	0.000	0
41	38	3.12	3.61	2.4	70.68	61.1	0	0	1630	1	1	0	0	1	0	0.000	0
42	39	3.2	3.68	2.4	68.95	58.66	0	0	1677	1	1	0	0	1	0	0.000	0
43	40	3.28	3.69	2.4	67.07	57.3	0	0	1635	1	1	0	0	1	0	0.000	0
44	41	3.36	3.65	2.4	65.62	56.33	0	0	1539	1	1	0	0	1	0	0.000	0
45	42	3.44	3.64	2.4	64.13	54.99	0	0	1484	1	1	0	0	1	0	0.000	0
46	43	3.53	3.72	2.5	62.72	53.54	0	0	1543	1	1	0	0	1	0	0.000	0
47	44	3.61	3.83	2.5	62.42	52.76	0	0	1681	1	1	0	0	1	0	0.000	0
48	45	3.69	3.82	2.5	64.91	54.25	0	0	1750	1	1	0	0	1	0	0.000	0
49	46	3.77	3.65	2.4	70.15	59.87	0	0	1671	1	1	0	0	1	0	0.000	0
50	47	3.85	3.35	2.4	78.65	66.09	0	0	1489	1	1	0	0	1	0	0.000	0
51	48	3.94	3.07	2.3	88.68	75.87	0	0	1349	1	1	0	0	1	0	0.000	0
52	49	4.02	2.83	2.2	99.76	85.44	0	0	1255	1	1	1	0	1	0	0.000	0
53	50	4.1	2.77	2.2	108.26	94.36	0	0	1307	1	1	1	0	1	0	0.000	0
54	51	4.18	2.79	2.2	114.31	97.56	0	0	1414	1	1	1	0	1	0	0.000	0
55	52	4.26	2.88	2.2	117.44	100.75	0	0	1577	1	1	1	0	1	0	0.000	0
56	53	4.35	2.95	2.2	119.27	101.32	0	0	[illegible]	1	1	1	0	1	0	0.000	0
57	54	4.43	3.11	2.2	119.07	100.51	0	0	1[illegible]53	1	1	0	0	1	0	0.000	0
58	55	4.51	3.3	2.2	117.69	98.31	0	0	22[illegible]9	1	1	0	0	1	0	0.000	0
59	56	4.59	3.44	2.2	118.56	96.45	0	0	257[illegible]	1	1	0	0	1	0	0.000	0
60	57	4.68	3.58	2.3	116.38	99.89	0	0	[illegible]39	1	1	0	0	1	0	0.000	0
61	58	4.76	3.66	2.3	115.17	92.06	0	0	3000	1	1	0	0	1	0	0.000	0
62	59	4.84	3.81	2.3	110.11	92.11	0	0	3232	1	1	0	0	1	0	0.000	0
63	60	4.92	3.74	2.3	109.55	88.33	0	0	3032	1	1	0	0	1	0	0.000	0
64	61	5	3.71	2.3	107.98	89.12	0	0	2909	1	1	0	0	1	0	0.000	0
65	62	5.09	3.55	2.3	109.12	87.48	0	0	2575	1	1	0	0	1	0	0.000	0
66	63	5.17	3.39	2.3	110.65	89.24	0	0	2285	1	1	0	0	1	0	0.000	0
67	64	5.25	3.24	2.2	112.53	91.17	0	0	2050	1	1	0	0	1	0	0.000	0
68	65	5.33	3.23	2.2	113.47	90.15	0	0	2051	1	1	0	0	1	0	0.000	0
69	66	5.41	3.29	2.2	113.42	89.83	0	0	2158	1	1	0	0	1	0	0.000	0
70	67	5.5	3.36	2.3	111.27	89.59	0	0	2242	1	1	0	0	1	0	0.000	0
71	68	5.58	3.48	2.3	105.43	84.29	0	0	2334	1	1	0	0	1	0	0.000	0
72	69	5.66	3.59	2.3	99.43	76.57	0	0	2396	1	1	0	0	1	0	0.000	0
73	70	5.74	3.63	2.3	96.29	76.12	0	0	2388	1	1	0	0	1	0	0.000	0
74	71	5.82	3.52	2.3	96.08	76.74	0	0	2172	1	1	0	0	1	0	0.000	0
75	72	5.91	3.37	2.3	94.59	75.06	0	0	1879	1	1	0	0	1	0	0.000	0
76	73	5.99	3.11	2.3	93.61	72.25	0	0	1487	1	1	0	0	1	0	0.000	0
77	74	6.07	2.79	2.2	92.77	74.01	0	0	1115	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.66	2.2	92.37	72.72	0	0	990	1	1	1	0	1	0	0.000	0
79	76	6.23	2.75	2.3	90.04	70.58	0	0	1040	1	1	1	0	1	0	0.000	0
80	77	6.32	2.98	2.3	87.8	68.08	0	0	1234	1	1	1	0	1	0	0.000	0
81	78	6.4	3.1	2.3	86.49	66.82	0	0	1345	1	1	0	0	1	0	0.000	0
82	79	6.48	3.14	2.3	85.45	66.69	0	0	1372	1	1	0	0	1	0	0.000	0
83	80	6.56	3.24	2.3	82.41	64.99	0	0	1432	1	1	0	0	1	0	0.000	0
84	81	6.64	3.42	2.4	77.89	59.67	0	0	1561	1	1	0	0	1	0	0.000	0
85	82	6.73	3.56	2.4	76.18	56.5	0	0	1711	1	1	0	0	1	0	0.000	0
86	83	6.81	3.49	2.4	79.67	60.58	0	0	1702	1	1	0	0	1	0	0.000	0
87	84	6.89	3.27	2.3	86.14	65.93	0	0	1548	1	1	0	0	1	0	0.000	0
88	85	6.97	3.28	2.3	88.68	69.75	0	0	1615	1	1	0	0	1	0	0.000	0
89	86	7.05	3.43	2.3	88.43	66.89	0	0	1828	1	1	0	0	1	0	0.000	0
90	87	7.14	3.65	2.4	86.02	65.02	0	0	2130	1	1	0	0	1	0	0.000	0
91	88	7.22	3.74	2.4	81.76	63.8	0	0	2164	1	1	0	0	1	0	0.000	0
92	89	7.3	3.69	2.4	78.21	57.5	0	0	1969	1	1	0	0	1	0	0.000	0
93	90	7.38	3.6	2.4	75.15	57.93	0	0	1741	1	1	0	0	1	0	0.000	0
94	91	7.46	3.38	2.4	75.63	57.91	0	0	1457	1	1	0	0	1	0	0.000	0
95	92	7.55	3.21	2.3	77.17	60.17	0	0	[illegible]	1	1	0	0	1	0	0.000	0
96	93	7.63	3.11	2.3	79.36	62.91	0	0	1[illegible]26	1	1	0	0	1	0	0.000	0
97	94	7.71	3.18	2.3	80.93	64.04	0	0	13[illegible]2	1	1	0	0	1	0	0.000	0
98	95	7.79	3.34	2.3	81.04	64.08	0	0	1529	1	1	0	0	1	0	0.000	0
99	96	7.87	3.61	2.4	77.82	62.78	0	0	[illegible]30	1	1	0	0	1	0	0.000	0
100	97	7.96	3.81	2.4	73.95	55.77	0	0	2035	1	1	0	0	1	0	0.000	0
101	98	8.04	4.12	2.5	67.97	54.61	0	0	2371	1	1	0	0	1	0	0.000	0
102	99	8.12	4.26	2.5	63.52	48.4	0	0	2445	1	1	0	0	1	0	0.000	0
103	100	8.2	4.42	2.5	57.91	45.46	0	0	2477	1	1	0	0	1	0	0.000	0
104	101	8.28	4.35	2.6	53.69	41.71	0	0	2123	1	1	0	0	1	0	0.000	0
105	102	8.37	4.15	2.6	50.14	39.16	0	0	1649	1	1	0	0	1	0	0.000	0
106	103	8.45	3.79	2.5	48.02	38.11	0	0	1157	1	1	0	0	1	0	0.000	0
107	104	8.53	3.49	2.5	46.65	37.86	0	0	865	1	1	0	0	1	0	0.000	0
108	105	8.61	3.37	2.5	45.71	36.99	0	0	760	1	1	0	0	1	0	0.000	0
109	106	8.69	3.34	2.5	45.58	36.42	0	0	738	1	1	0	0	1	0	0.000	0
110	107	8.78	3.4	2.5	45.94	37.87	0	0	785	1	1	0	0	1	0	0.000	0
111	108	8.86	3.5	2.5	45.76	37.99	0	0	850	1	1	0	0	1	0	0.000	0
112	109	8.94	3.79	2.6	43.75	36.07	0	0	1018	1	1	0	0	1	0	0.000	0
113	110	9.02	4.01	2.6	41.58	32.72	0	0	1136	1	0	0	0	1	0	0.000	0
114	111	9.1	4.09	2.6	41.37	32.53	0	0	1204	1	0	0	0	1	0	0.000	0
115	112	9.19	3.87	2.6	42.86	35.64	0	0	1057	1	1	0	0	1	0	0.000	0
116	113	9.27	3.48	2.5	45.25	37	0	0	823	1	1	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.06	2.5	46.11	39.55	0	0	590	1	1	0	0	1	0	0.000	0
118	115	9.43	2.91	2.5	45.99	39.12	0	0	516	1	1	1	0	1	0	0.000	0
119	116	9.51	3.03	2.5	44.24	37.44	0	0	543	1	1	0	0	1	0	0.000	0
120	117	9.6	3.33	2.5	42.49	35.02	0	0	663	1	1	0	0	1	0	0.000	0
121	118	9.68	3.59	2.6	40.64	34.19	0	0	775	1	1	0	0	1	0	0.000	0
122	119	9.76	3.73	2.6	39.98	32.44	0	0	851	1	1	0	0	1	0	0.000	0
123	120	9.84	3.76	2.6	39.25	33.28	0	0	850	1	0	0	0	1	0	0.000	0
124	121	9.92	3.7	2.6	39.09	32.61	0	0	803	1	1	0	0	1	0	0.000	0
125	122	10.01	3.73	2.6	38.07	32.46	0	0	792	1	0	0	0	1	0	0.000	0
126	123	10.09	3.82	2.6	37.28	31.05	0	0	827	1	0	0	0	1	0	0.000	0
127	124	10.17	3.86	2.6	36.48	30.73	0	0	828	1	0	0	0	1	0	0.000	0
128	125	10.25	3.82	2.6	35.3	30.62	0	0	761	1	0	0	0	1	0	0.000	0
129	126	10.33	3.79	2.7	33.71	28.33	0	0	691	1	0	0	0	1	0	0.000	0
130	127	10.42	3.87	2.7	31.5	26.93	0	0	661	1	0	0	0	1	0	0.000	0
131	128	10.5	3.95	2.7	29.52	25.09	0	0	633	1	0	0	0	1	0	0.000	0
132	129	10.58	3.88	2.7	27.38	23.37	0	0	522	1	0	0	0	1	0	0.000	0
133	130	10.66	3.72	2.7	25.55	21.7	0	0	401	1	0	0	0	1	0	0.000	0
134	131	10.74	3.49	2.7	24.11	20.69	0	0	[illegible]	1	0	0	0	1	0	0.000	0
135	132	10.83	3.32	2.7	23.15	20.02	0	0	34	1	0	0	0	1	0	0.000	0
136	133	10.91	3.18	2.7	22.46	19.48	0	0	1[illegible]4	1	0	0	0	1	0	0.000	0
137	134	10.99	3.09	2.7	21.94	19.11	0	0	170	1	0	0	0	1	0	0.000	0
138	135	11.07	3.02	2.7	21.38	18.85	0	0	151	1	0	0	0	1	0	0.000	0
139	136	11.15	3.01	2.7	20.89	18.23	0	0	141	1	0	0	0	1	0	0.000	0
140	137	11.24	3.04	2.8	20.26	17.96	0	0	134	1	0	0	0	1	0	0.000	0
141	138	11.32	3.03	2.8	19.73	17.29	0	0	124	1	0	0	0	1	0	0.000	0
142	139	11.4	2.92	2.8	19.37	16.93	0	0	107	1	0	1	0	1	0	0.000	0
143	140	11.48	2.72	2.7	19.57	17.2	0	0	92	1	0	1	0	1	0	0.000	0
144	141	11.56	2.65	2.7	19.54	18.07	0	0	86	1	0	1	0	1	0	0.000	0
145	142	11.65	2.67	2.7	19.14	17	0	0	83	1	0	1	0	1	0	0.000	0
146	143	11.73	2.75	2.8	18.58	16.23	0	0	82	1	0	1	0	1	0	0.000	0
147	144	11.81	2.77	2.8	18.4	16.59	0	0	81	1	0	1	0	1	0	0.000	0
148	145	11.89	2.83	2.8	18.33	16.57	0	0	84	1	0	1	0	1	0	0.000	0
149	146	11.97	2.93	2.8	18.11	16.12	0	0	88	1	0	1	0	1	0	0.000	0
150	147	12.06	2.97	2.8	17.75	16.06	0	0	85	1	0	1	0	1	0	0.000	0
151	148	12.14	2.9	2.8	17.65	15.7	0	0	79	1	0	1	1	1	0	0.000	0
152	149	12.22	2.93	2.8	17.66	15.99	0	0	81	1	0	1	0	1	0	0.000	0
153	150	12.3	3.06	2.8	18.08	16.16	0	0	98	1	0	0	0	1	0	0.000	0
154	151	12.38	3.07	2.8	18.32	16.85	0	0	103	1	0	0	0	1	0	0.000	0
155	152	12.47	2.92	2.8	18.01	16.71	0	0	86	1	0	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.63	2.8	17.13	15.51	0	0	56	1	0	1	1	1	0	0.000	0
157	154	12.63	2.54	2.8	16.42	14.77	0	0	44	1	0	1	1	1	0	0.000	0
158	155	12.71	2.36	2.7	17.46	14.94	0	0	47	1	0	1	1	1	0	0.000	0
159	156	12.8	2.31	2.7	19.13	18.48	0	0	60	1	0	1	1	1	0	0.000	0
160	157	12.88	2.35	2.7	22.34	19.39	0	0	93	1	0	1	0	1	0	0.000	0
161	158	12.96	2.55	2.6	25.32	23.74	0	0	144	1	0	1	0	1	0	0.000	0
162	159	13.04	2.72	2.6	28.79	26.83	0	0	213	1	0	1	0	1	0	0.000	0
163	160	13.12	2.94	2.6	29.43	29.2	0	0	268	1	0	1	0	1	0	0.000	0
164	161	13.21	3.33	2.7	26.91	25.83	0	0	319	1	0	0	0	1	0	0.000	0
165	162	13.29	3.85	2.8	22.88	19.88	0	0	355	1	0	0	0	1	0	0.000	0
166	163	13.37	4.22	2.9	19.28	18.08	0	0	314	1	0	0	0	1	0	0.000	0
167	164	13.45	4.14	2.9	17.21	16	0	0	205	1	0	0	0	1	0	0.000	0
168	165	13.53	3.8	2.9	15.51	14.35	0	0	99	1	0	0	0	1	0	0.000	0
169	166	13.62	3.32	2.9	14.45	13.6	0	0	43	1	0	0	1	1	0	0.000	0
170	167	13.7	2.89	2.9	13.97	13.31	0	0	22	1	0	1	1	1	0	0.000	0
171	168	13.78	2.66	2.9	13.68	13.16	0	0	15	1	0	1	1	1	0	0.000	0
172	169	13.86	2.6	2.9	13.54	12.9	0	0	12	1	0	1	1	1	0	0.000	0
173	170	13.94	2.62	2.9	13.59	12.99	0	0	13	1	0	1	1	1	0	0.000	0
174	171	14.03	2.65	2.9	13.91	13.31	0	0	17	1	0	1	1	1	0	0.000	0
175	172	14.11	2.78	2.9	13.99	13.8	0	0	21	1	0	1	1	1	0	0.000	0
176	173	14.19	2.82	2.9	13.89	13.22	0	0	20	1	0	1	1	1	0	0.000	0
177	174	14.27	2.79	2.9	13.71	13.11	0	0	17	1	0	1	1	1	0	0.000	0
178	175	14.35	2.69	2.9	13.73	13.39	0	0	16	1	0	1	1	1	0	0.000	0
179	176	14.44	2.7	2.9	13.92	13.4	0	0	18	1	0	1	1	1	0	0.000	0
180	177	14.52	2.79	2.9	14.27	13.67	0	0	25	1	0	1	1	1	0	0.000	0
181	178	14.6	2.81	2.8	15.05	14.33	0	0	36	1	0	1	1	1	0	0.000	0
182	179	14.68	2.8	2.8	16.02	15.56	0	0	49	1	0	1	1	1	0	0.000	0
183	180	14.76	2.81	2.8	16.94	16.39	0	0	63	1	0	1	1	1	0	0.000	0
184	181	14.85	3.03	2.8	17.4	17.01	0	0	84	1	0	0	0	1	0	0.000	0
185	182	14.93	3.28	2.8	17.67	16.88	0	0	110	1	0	0	0	1	0	0.000	0
186	183	15.01	3.46	2.8	17.82	17.17	0	0	131	1	0	0	0	1	0	0.000	0
187	184	15.09	3.52	2.8	17.97	17.45	0	0	142	1	0	0	0	1	0	0.000	0
188	185	15.17	3.58	2.8	17.95	17.38	0	0	149	1	0	0	0	1	0	0.000	0
189	186	15.26	3.67	2.9	17.94	17.22	0	0	160	1	0	0	0	1	0	0.000	0
190	187	15.34	3.76	2.9	18.01	17.48	0	0	175	1	0	0	0	1	0	0.000	0
191	188	15.42	3.83	2.9	18.19	17.64	0	0	192	1	0	0	0	1	0	0.000	0
192	189	15.5	3.91	2.9	18.32	17.82	0	0	209	1	0	0	0	1	0	0.000	0
193	190	15.58	3.99	2.9	18.33	18	0	0	224	1	0	0	0	1	0	0.000	0
194	191	15.67	3.92	2.9	18.18	17.85	0	0	206	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	3.69	2.9	17.74	17.58	0	0	157	1	0	0	0	1	0	0.000	0
196	193	15.83	3.29	2.8	17.22	16.98	0	0	101	1	0	0	0	1	0	0.000	0
197	194	15.91	3.14	2.8	16.78	16.58	0	0	81	1	0	0	0	1	0	0.000	0
198	195	15.99	3.17	2.8	16.8	16.49	0	0	83	1	0	0	0	1	0	0.000	0
199	196	16.08	3.39	2.8	17	17.09	0	0	105	1	0	0	0	1	0	0.000	0
200	197	16.16	3.61	2.9	17.2	17.15	0	0	132	1	0	0	0	1	0	0.000	0
201	198	16.24	3.86	2.9	17.28	17.07	0	0	165	1	0	0	0	1	0	0.000	0
202	199	16.32	4	2.9	17.35	17.28	0	0	188	1	0	0	0	1	0	0.000	0
203	200	16.4	3.99	2.9	17.44	17.31	0	0	190	1	0	0	0	1	0	0.000	0
204	201	16.49	3.97	2.9	17.29	17.32	0	0	181	1	0	0	0	1	0	0.000	0
205	202	16.57	4.09	2.9	17.07	16.95	0	0	191	1	0	0	0	1	0	0.000	0
206	203	16.65	4.29	2.9	16.89	16.82	0	0	216	1	0	0	0	1	0	0.000	0
207	204	16.73	4.42	2.9	16.95	16.97	0	0	243	1	0	0	0	1	0	0.000	0
208	205	16.81	4.44	2.9	17.02	17.28	0	0	251	1	0	0	0	1	0	0.000	0
209	206	16.9	4.43	2.9	16.86	17.22	0	0	240	1	0	0	0	1	0	0.000	0
210	207	16.98	4.44	2.9	16.48	16.7	0	0	221	1	0	0	0	1	0	0.000	0
211	208	17.06	4.46	2.9	16.11	16.33	0	0	203	1	0	0	0	1	0	0.000	0
212	209	17.14	4.41	2.9	15.94	16.21	0	0	186	1	0	0	0	1	0	0.000	0
213	210	17.22	4.27	2.9	15.94	16.29	0	0	66	1	0	0	0	1	0	0.000	0
214	211	17.31	4.13	2.9	15.98	16.42	0	0	170	1	0	0	0	1	0	0.000	0
215	212	17.39	4.01	2.9	15.95	16.41	0	0	135	1	0	0	0	1	0	0.000	0
216	213	17.47	4.02	2.9	15.8	16.28	0	0	130	1	0	0	0	1	0	0.000	0
217	214	17.55	4.02	2.9	15.51	16.01	0	0	119	1	0	0	0	1	0	0.000	0
218	215	17.63	4.01	2.9	15.13	15.6	0	0	103	1	0	0	0	1	0	0.000	0
219	216	17.72	3.9	2.9	14.72	15.22	0	0	79	1	0	0	1	1	0	0.000	0
220	217	17.8	3.81	2.9	14.27	14.86	0	0	59	1	0	0	1	1	0	0.000	0
221	218	17.88	3.69	2.9	13.87	14.3	0	0	41	1	0	0	1	1	0	0.000	0
222	219	17.96	3.67	3.0	13.24	14.11	0	0	22	1	0	0	1	1	0	0.000	0
223	220	18.04	3.71	3.0	12.4	13.11	0	0	-3	1	0	0	1	1	0	0.000	0
224	221	18.13	3.8	3.0	11.36	11.94	0	0	-37	1	0	0	1	1	0	0.000	0
225	222	18.21	3.77	3.0	10.58	11.13	0	0	-61	1	0	0	1	1	0	0.000	0
226	223	18.29	3.55	3.0	10.26	10.8	0	0	-60	1	0	0	1	1	0	0.000	0
227	224	18.37	3.28	3.0	10.2	10.97	0	0	-49	1	0	0	1	1	0	0.000	0
228	225	18.45	3.05	3.0	10.4	10.94	0	0	-37	1	0	0	1	1	0	0.000	0
229	226	18.54	2.98	3.0	10.78	11.39	0	0	-28	1	0	1	1	1	0	0.000	0
230	227	18.62	2.94	2.9	11.61	12.09	0	0	-14	1	0	1	1	1	0	0.000	0
231	228	18.7	2.99	2.9	12.43	13.44	0	0	-1	1	0	1	1	1	0	0.000	0
232	229	18.78	3.04	2.9	13.05	13.96	0	0	9	1	0	0	1	1	0	0.000	0
233	230	18.86	3.25	2.9	13.25	14.09	0	0	15	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.5	2.9	13.11	14.18	0	0	16	1	0	0	1	1	0	0.000	0
235	232	19.03	3.58	3.0	12.66	13.62	0	0	4	1	0	0	1	1	0	0.000	0
236	233	19.11	3.38	3.0	11.98	12.83	0	0	-12	1	0	0	1	1	0	0.000	0
237	234	19.19	3.09	3.0	11.25	12.24	0	0	-23	1	0	0	1	1	0	0.000	0
238	235	19.27	2.96	3.0	10.55	11.5	0	0	-31	1	0	1	1	1	0	0.000	0
239	236	19.36	3.12	3.0	10.03	10.73	0	0	-46	1	0	0	1	1	0	0.000	0
240	237	19.44	3.33	3.0	9.59	10.64	0	0	-64	1	0	0	1	1	0	0.000	0
241	238	19.52	3.46	3.1	9.36	10.2	0	0	-78	1	0	0	1	1	0	0.000	0
242	239	19.6	3.46	3.1	9.2	10.05	0	0	-82	1	0	0	1	1	0	0.000	0
243	240	19.68	3.34	3.1	9.19	10.2	0	0	-74	1	0	0	1	1	0	0.000	0
244	241	19.77	3.23	3.0	9.32	10.2	0	0	-65	1	0	0	1	1	0	0.000	0
245	242	19.85	3.14	3.0	9.56	10.46	0	0	-55	1	0	0	1	1	0	0.000	0
246	243	19.93	3.11	3.0	9.85	10.94	0	0	-49	1	0	0	1	1	0	0.000	0
247	244	20.01	3.19	3.0	10.07	11.12	0	0	-48	1	0	0	1	1	0	0.000	0
248	245	20.09	3.34	3.0	10.01	11.21	0	0	-56	1	0	0	1	1	0	0.000	0
249	246	20.18	3.45	3.0	9.77	10.88	0	0	-67	1	0	0	1	1	0	0.000	0
250	247	20.26	3.5	3.1	9.43	10.5	0	0	-78	1	0	0	1	1	0	0.000	0
251	248	20.34	3.45	3.1	9.15	10.2	0	0	-82	1	0	0	1	1	0	0.000	0
252	249	20.42	3.49	3.1	8.95	10.01	0	0	-90	1	0	0	1	1	0	0.000	0
253	250	20.5	3.54	3.1	8.83	9.9	0	0	-97	1	0	0	1	1	0	0.000	0
254	251	20.59	3.64	3.1	8.71	9.86	0	0	-109	1	0	0	1	1	0	0.000	0
255	252	20.67	3.72	3.1	8.58	9.69	0	0	-120	1	0	0	1	1	0	0.000	0
256	253	20.75	3.81	3.1	8.51	9.59	0	0	-132	1	0	0	1	1	0	0.000	0
257	254	20.83	3.74	3.1	8.68	9.7	0	0	-119	1	0	0	1	1	0	0.000	0
258	255	20.92	3.65	3.1	9.11	10.28	0	0	-98	1	0	0	1	1	0	0.000	0
259	256	21	3.58	3.1	9.73	10.94	0	0	-76	1	0	0	1	1	0	0.000	0
260	257	21.08	3.74	3.0	10.35	11.67	0	0	-67	1	0	0	1	1	0	0.000	0
261	258	21.16	3.9	3.0	11.13	12.31	0	0	-49	1	0	0	1	1	0	0.000	0
262	259	21.24	3.96	3.0	12.37	13.56	0	0	-5	1	0	0	1	1	0	0.000	0
263	260	21.33	3.83	2.9	14.64	15.92	0	0	72	1	0	0	1	1	0	0.000	0
264	261	21.41	3.61	2.8	17.81	20.09	0	0	149	1	0	0	0	1	0	0.000	0
265	262	21.49	3.63	2.8	20.28	24.29	0	0	222	1	0	0	0	1	0	0.000	0
266	263	21.57	3.91	2.8	20.21	24.17	0	0	277	1	0	0	0	1	0	0.000	0
267	264	21.65	4.54	2.9	17.45	20.22	0	0	297	1	0	0	0	1	0	0.000	0
268	265	21.74	5.15	3.0	14.32	15.54	0	0	177	1	0	0	0	1	0	0.000	0
269	266	21.82	5.41	3.1	11.79	13.96	0	0	-84	1	0	0	1	1	0	0.000	0
270	267	21.9	5.07	3.1	10.32	11.97	0	0	-199	1	0	0	1	1	0	0.000	0
271	268	21.98	4.4	3.1	9.24	10.67	0	0	-175	1	0	0	1	1	0	0.000	0
272	269	22.06	3.49	3.1	8.82	10.32	0	0	-93	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.79	3.0	8.62	10.44	0	0	-54	1	0	1	1	1	0	0.000	0
274	271	22.23	2.51	3.0	8.48	9.92	0	0	-44	1	0	1	1	1	0	0.000	0
275	272	22.31	2.59	3.0	8.33	9.77	0	0	-49	1	0	1	1	1	0	0.000	0
276	273	22.39	2.7	3.0	8.39	9.87	0	0	-53	1	0	1	1	1	0	0.000	0
277	274	22.47	2.81	3.0	8.54	9.95	0	0	-56	1	0	1	1	1	0	0.000	0
278	275	22.56	2.95	3.0	8.71	10.1	0	0	-61	1	0	1	1	1	0	0.000	0
279	276	22.64	3.12	3.1	8.86	10.26	0	0	-67	1	0	0	1	1	0	0.000	0
280	277	22.72	3.32	3.1	8.99	10.42	0	0	-77	1	0	0	1	1	0	0.000	0
281	278	22.8	3.44	3.1	8.95	10.57	0	0	-86	1	0	0	1	1	0	0.000	0
282	279	22.88	3.47	3.1	8.67	10.33	0	0	-95	1	0	0	1	1	0	0.000	0
283	280	22.97	3.38	3.1	8.3	9.79	0	0	-97	1	0	0	1	1	0	0.000	0
284	281	23.05	3.19	3.1	7.99	9.61	0	0	-89	1	0	0	1	1	0	0.000	0
285	282	23.13	2.89	3.1	7.94	9.46	0	0	-69	1	0	1	1	1	0	0.000	0
286	283	23.21	2.53	3.0	7.98	9.54	0	0	-50	1	0	1	1	1	0	0.000	0
287	284	23.29	2.24	3.0	8.06	9.53	0	0	-38	1	0	1	1	1	0	0.000	0
288	285	23.38	2.17	3.0	8.14	9.53	0	0	-35	1	0	1	1	1	0	0.000	0
289	286	23.46	2.2	3.0	8.21	9.59	0	0	-35	1	0	1	1	1	0	0.000	0
290	287	23.54	2.27	3.0	8.3	9.62	0	0	-37	1	0	1	1	1	0	0.000	0
291	288	23.62	2.34	3.0	8.34	9.72	0	0	-39	1	0	1	1	1	0	0.000	0
292	289	23.7	2.57	3.0	8.37	9.67	0	0	-47	1	0	1	1	1	0	0.000	0
293	290	23.79	2.88	3.1	8.39	9.75	0	0	-62	1	0	1	1	1	0	0.000	0
294	291	23.87	3.15	3.1	8.42	9.8	0	0	-77	1	0	0	1	1	0	0.000	0
295	292	23.95	3.32	3.1	8.46	9.81	0	0	-89	1	0	0	1	1	0	0.000	0
296	293	24.03	3.43	3.1	8.94	10.02	0	0	-86	1	0	0	1	1	0	0.000	0
297	294	24.11	3.22	3.0	10.44	11.61	0	0	-41	1	0	0	1	1	0	0.000	0
298	295	24.2	2.72	2.9	13.31	15.04	0	0	11	1	0	1	1	1	0	0.000	0
299	296	24.28	2.39	2.8	16.76	20.13	0	0	42	1	0	1	1	1	0	0.000	0
300	297	24.36	2.4	2.7	19.02	23.63	0	0	64	1	0	1	1	1	0	0.000	0
301	298	24.44	2.77	2.8	18.84	23.32	0	0	87	1	0	1	0	1	0	0.000	0
302	299	24.52	3.24	2.8	16.35	20.33	0	0	79	1	0	0	1	1	0	0.000	0
303	300	24.61	3.57	2.9	13.53	15.77	0	0	28	1	0	0	1	1	0	0.000	0
304	301	24.69	3.46	3.0	11.25	13.59	0	0	-31	1	0	0	1	1	0	0.000	0
305	302	24.77	3.14	3.0	9.66	12.44	0	0	-53	1	0	0	1	1	0	0.000	0
306	303	24.85	2.81	3.1	8.36	10.28	0	0	-59	1	0	1	1	1	0	0.000	0
307	304	24.93	2.66	3.1	7.4	8.89	0	0	-63	1	0	1	1	1	0	0.000	0
308	305	25.02	2.53	3.1	7.14	8.77	0	0	-59	1	0	1	1	1	0	0.000	0
309	306	25.1	2.47	3.1	7.23	8.92	0	0	-55	1	0	1	1	1	0	0.000	0
310	307	25.18	2.45	3.1	7.32	8.87	0	0	-53	1	0	1	1	1	0	0.000	0
311	308	25.26	2.45	3.1	7.33	8.86	0	0	-53	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.58	3.1	7.26	8.9	0	0	-61	1	0	1	1	1	0	0.000	0
313	310	25.43	2.92	3.1	7.14	8.66	0	0	-83	1	0	1	1	1	0	0.000	0
314	311	25.51	3.47	3.2	7.1	8.52	0	0	-135	1	0	0	1	1	0	0.000	0
315	312	25.59	4.03	3.2	7.31	8.75	0	0	-206	1	0	0	1	1	0	0.000	0
316	313	25.67	4.16	3.2	8.06	9.42	0	0	-196	1	0	0	1	1	0	0.000	0
317	314	25.75	4.2	3.1	9.19	11.26	0	0	-151	1	0	0	1	1	0	0.000	0
318	315	25.84	4.21	3.1	10.49	12.95	0	0	-92	1	0	0	1	1	0	0.000	0
319	316	25.92	4.29	3.0	11.79	14.48	0	0	-35	1	0	0	1	1	0	0.000	0
320	317	26	4.44	3.0	12.66	16.26	0	0	9	1	0	0	1	1	0	0.000	0
321	318	26.08	4.5	3.0	13.3	16.41	0	0	47	1	0	0	1	1	0	0.000	0
322	319	26.16	4.51	3.0	13.23	16.89	0	0	43	1	0	0	1	1	0	0.000	0
323	320	26.25	4.4	3.0	12.78	16.17	0	0	15	1	0	0	1	1	0	0.000	0
324	321	26.33	4.45	3.0	11.67	14.96	0	0	-46	1	0	0	1	1	0	0.000	0
325	322	26.41	4.83	3.1	10.41	13.02	0	0	-158	1	0	0	1	1	0	0.000	0
326	323	26.49	5.25	3.2	9.34	11.75	0	0	-332	1	0	0	1	1	0	0.000	0
327	324	26.57	5.38	3.2	8.98	11.18	0	0	-409	1	0	0	1	1	0	0.000	0
328	325	26.66	5.09	3.2	8.99	11.7	0	0	-326	1	0	0	1	1	0	0.000	0
329	326	26.74	4.89	3.2	8.81	11.71	0	0	-303	1	0	0	1	1	0	0.000	0
330	327	26.82	4.95	3.2	8.14	10.5	0	0	-163	1	0	0	1	1	0	0.000	0
331	328	26.9	5.14	3.3	7.24	9.32	0	0	-508	1	0	0	1	1	0	0.000	0
332	329	26.98	5.19	3.3	6.38	8.56	0	0	-614	1	0	0	1	1	0	0.000	0
333	330	27.07	4.81	3.3	5.76	7.47	0	0	-502	1	0	0	1	1	0	0.000	0
334	331	27.15	4.31	3.3	5.36	7.07	0	0	-356	1	0	0	1	1	0	0.000	0
335	332	27.23	3.94	3.3	5.35	7.01	0	0	-264	1	0	0	1	1	0	0.000	0
336	333	27.31	3.81	3.3	5.83	7.26	0	0	-221	1	0	0	1	1	0	0.000	0
337	334	27.39	3.28	3.1	7.63	8.58	0	0	-103	1	0	0	1	1	0	0.000	0
338	335	27.48	2.69	3.0	10.67	13.11	0	0	-23	1	0	1	1	1	0	0.000	0
339	336	27.56	2.42	2.8	14.31	18.13	0	0	18	1	0	1	1	1	0	0.000	0
340	337	27.64	2.47	2.8	17.01	21.93	0	0	47	1	0	1	1	1	0	0.000	0
341	338	27.72	2.66	2.8	18.22	22.92	0	0	71	1	0	1	1	1	0	0.000	0
342	339	27.8	2.74	2.8	18.43	22.68	0	0	79	1	0	1	1	1	0	0.000	0
343	340	27.89	2.81	2.8	18.33	22.79	0	0	82	1	0	1	0	1	0	0.000	0
344	341	27.97	3.07	2.8	17.32	22.71	0	0	85	1	0	0	0	1	0	0.000	0
345	342	28.05	3.55	2.9	14.9	19.49	0	0	64	1	0	0	1	1	0	0.000	0
346	343	28.13	4.16	3.0	11.77	14.32	0	0	-32	1	0	0	1	1	0	0.000	0
347	344	28.21	4.45	3.1	8.98	11.47	0	0	-197	1	0	0	1	1	0	0.000	0
348	345	28.3	4.59	3.2	7.17	9.47	0	0	-333	1	0	0	1	1	0	0.000	0
349	346	28.38	4.56	3.3	6.07	7.85	0	0	-392	1	0	0	1	1	0	0.000	0
350	347	28.46	4.32	3.3	5.72	7.43	0	0	-341	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	3.9	3.3	5.73	8.08	0	0	-242	1	0	0	1	1	0	0.000	0
352	349	28.63	3.88	3.3	5.61	7.77	0	0	-242	1	0	0	1	1	0	0.000	0
353	350	28.71	4.27	3.3	5.06	7.01	0	0	-359	1	0	0	1	1	0	0.000	0
354	351	28.79	4.4	3.4	4.59	6.19	0	0	-424	1	0	0	1	1	0	0.000	0
355	352	28.87	4.19	3.4	4.35	6.1	0	0	-369	1	0	0	1	1	0	0.000	0
356	353	28.95	3.94	3.4	4.36	6.11	0	0	-300	1	0	0	1	1	0	0.000	0
357	354	29.04	3.98	3.4	4.42	6.14	0	0	-308	1	0	0	1	1	0	0.000	0
358	355	29.12	4.03	3.3	4.65	6.21	0	0	-312	1	0	0	1	1	0	0.000	0
359	356	29.2	4.03	3.3	5.29	6.84	0	0	-286	1	0	0	1	1	0	0.000	0
360	357	29.28	4.37	3.3	5.8	8.39	0	0	-351	1	0	0	1	1	0	0.000	0
361	358	29.36	5.01	3.3	6.05	8.12	0	0	-562	1	0	0	1	1	0	0.000	0
362	359	29.45	5.81	3.4	5.9	7.89	0	0	-1066	1	0	0	1	1	0	0.000	0
363	360	29.53	5.85	3.4	6.01	7.92	0	0	-1080	1	0	0	1	1	0	0.000	0
364	361	29.61	5.57	3.3	6.19	8.46	0	0	-849	1	0	0	1	1	0	0.000	0
365	362	29.69	5.36	3.3	6.2	8.53	0	0	-721	1	0	0	1	1	0	0.000	0
366	363	29.77	5.7	3.3	5.98	8.05	0	0	-968	1	0	0	1	1	0	0.000	0
367	364	29.86	6.03	3.4	5.7	7.81	0	0	-1295	1	0	0	1	1	0	0.000	0
368	365	29.94	6.36	3.4	5.6	7.55	0	0	-[illegible]80	1	0	0	1	1	0	0.000	0
369	366	30.02	6.55	3.4	5.82	7.61	0	0	-1[illegible]70	1	0	0	1	1	0	0.000	0
370	367	30.1	6.43	3.3	6.76	8.46	0	0	-14[illegible]2	1	0	0	1	1	0	0.000	0
371	368	30.18	5.9	3.2	8.35	10.71	0	0	-71[illegible]	1	0	0	1	1	0	0.000	0
372	369	30.27	5.33	3.1	10.09	13.39	0	0	[illegible]70	1	0	0	1	1	0	0.000	0
373	370	30.35	4.98	3.1	11.62	14.98	0	0	-75	1	0	0	1	1	0	0.000	0
374	371	30.43	4.75	3.0	12.46	16.75	0	0	-3	1	0	0	1	1	0	0.000	0
375	372	30.51	4.57	3.0	12.32	16.75	0	0	-11	1	0	0	1	1	0	0.000	0
376	373	30.59	4.51	3.1	10.82	14.66	0	0	-99	1	0	0	1	1	0	0.000	0
377	374	30.68	4.86	3.2	8.58	11.36	0	0	-304	1	0	0	1	1	0	0.000	0
378	375	30.76	5.54	3.3	6.58	8.63	0	0	-778	1	0	0	1	1	0	0.000	0
379	376	30.84	6.08	3.4	5.12	7.44	0	0	-1460	1	0	0	1	1	0	0.000	0
380	377	30.92	5.71	3.5	4.34	6.09	0	0	-1221	1	0	0	1	1	0	0.000	0
381	378	31	4.97	3.5	4	5.8	0	0	-718	1	0	0	1	1	0	0.000	0
382	379	31.09	4.34	3.4	4.13	6.18	0	0	-428	1	0	0	1	1	0	0.000	0
383	380	31.17	3.98	3.4	4.56	6.47	0	0	-303	1	0	0	1	1	0	0.000	0
384	381	31.25	3.78	3.3	4.88	7.22	0	0	-246	1	0	0	1	1	0	0.000	0
385	382	31.33	3.61	3.3	4.99	7.25	0	0	-210	1	0	0	1	1	0	0.000	0
386	383	31.41	3.57	3.3	4.73	6.83	0	0	-211	1	0	0	1	1	0	0.000	0
387	384	31.5	3.46	3.3	4.38	6.29	0	0	-201	1	0	0	1	1	0	0.000	0
388	385	31.58	3.29	3.4	4.08	5.94	0	0	-180	1	0	0	1	1	0	0.000	0
389	386	31.66	3.08	3.3	3.97	5.63	0	0	-152	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	2.96	3.3	4	5.7	0	0	-137	1	0	1	1	1	0	0.000	0
391	388	31.82	2.95	3.3	4.19	5.89	0	0	-133	1	0	1	1	1	0	0.000	0
392	389	31.91	2.91	3.3	4.46	6.14	0	0	-124	1	0	1	1	1	0	0.000	0
393	390	31.99	2.82	3.3	4.78	6.51	0	0	-110	1	0	1	1	1	0	0.000	0
394	391	32.07	2.69	3.2	5.02	6.95	0	0	-95	1	0	1	1	1	0	0.000	0
395	392	32.15	2.61	3.2	5.09	6.97	0	0	-88	1	0	1	1	1	0	0.000	0
396	393	32.23	2.6	3.2	4.89	6.84	0	0	-89	1	0	1	1	1	0	0.000	0
397	394	32.32	2.68	3.3	4.72	6.33	0	0	-98	1	0	1	1	1	0	0.000	0
398	395	32.4	2.76	3.3	4.69	6.3	0	0	-106	1	0	1	1	1	0	0.000	0
399	396	32.48	2.73	3.2	4.89	6.52	0	0	-100	1	0	1	1	1	0	0.000	0
400	397	32.56	2.73	3.2	5.11	6.75	0	0	-97	1	0	1	1	1	0	0.000	0
401	398	32.64	2.88	3.2	5.38	6.89	0	0	-107	1	0	1	1	1	0	0.000	0
402	399	32.73	3.19	3.2	5.57	7.42	0	0	-136	1	0	0	1	1	0	0.000	0
403	400	32.81	3.47	3.2	5.66	7.54	0	0	-170	1	0	0	1	1	0	0.000	0
404	401	32.89	3.73	3.3	5.57	7.38	0	0	-215	1	0	0	1	1	0	0.000	0
405	402	32.97	3.94	3.3	5.42	7.28	0	0	-261	1	0	0	1	1	0	0.000	0
406	403	33.05	4.16	3.3	5.35	7.18	0	0	-316	1	0	0	1	1	0	0.000	0
407	404	33.14	4.23	3.3	5.35	7.2	0	0	-324	1	0	0	1	1	0	0.000	0
408	405	33.22	4.22	3.3	5.36	7.35	0	0	-331	1	0	0	1	1	0	0.000	0
409	406	33.3	4.17	3.3	5.34	7.3	0	0	-339	1	0	0	1	1	0	0.000	0
410	407	33.38	4.35	3.3	5.29	7.25	0	0	-372	1	0	0	1	1	0	0.000	0
411	408	33.46	4.57	3.3	5.27	7.24	0	0	-445	1	0	0	1	1	0	0.000	0
412	409	33.55	4.75	3.3	5.29	7.27	0	0	-512	1	0	0	1	1	0	0.000	0
413	410	33.63	4.84	3.3	5.32	7.37	0	0	-548	1	0	0	1	1	0	0.000	0
414	411	33.71	4.95	3.4	5.33	7.42	0	0	-596	1	0	0	1	1	0	0.000	0
415	412	33.79	5.12	3.4	5.33	7.44	0	0	-681	1	0	0	1	1	0	0.000	0
416	413	33.87	5.33	3.4	5.3	7.47	0	0	-805	1	0	0	1	1	0	0.000	0
417	414	33.96	5.49	3.4	5.26	7.4	0	0	-916	1	0	0	1	1	0	0.000	0
418	415	34.04	5.57	3.4	5.24	7.38	0	0	-977	1	0	0	1	1	0	0.000	0
419	416	34.12	5.49	3.4	5.26	7.45	0	0	-916	1	0	0	1	1	0	0.000	0
420	417	34.2	5.39	3.4	5.32	7.52	0	0	-841	1	0	0	1	1	0	0.000	0
421	418	34.28	5.31	3.4	5.42	7.6	0	0	-780	1	0	0	1	1	0	0.000	0
422	419	34.37	5.32	3.4	5.55	7.8	0	0	-771	1	0	0	1	1	0	0.000	0
423	420	34.45	5.32	3.4	5.59	7.92	0	0	-767	1	0	0	1	1	0	0.000	0
424	421	34.53	5.35	3.4	5.49	7.74	0	0	-796	1	0	0	1	1	0	0.000	0
425	422	34.61	5.34	3.4	5.3	7.52	0	0	-812	1	0	0	1	1	0	0.000	0
426	423	34.69	5.21	3.4	5.12	7.28	0	0	-752	1	0	0	1	1	0	0.000	0
427	424	34.78	4.84	3.4	5.03	7.04	0	0	-570	1	0	0	1	1	0	0.000	0
428	425	34.86	4.23	3.3	5.1	7.07	0	0	-346	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.67	3.3	5.3	7.32	0	0	-212	1	0	0	1	1	0	0.000	0
430	427	35.02	3.43	3.3	5.28	7.55	0	0	-174	1	0	0	1	1	0	0.000	0
431	428	35.1	3.49	3.3	5.14	6.97	0	0	-186	1	0	0	1	1	0	0.000	0
432	429	35.19	3.68	3.3	4.93	6.84	0	0	-225	1	0	0	1	1	0	0.000	0
433	430	35.27	3.88	3.3	4.97	6.77	0	0	-264	1	0	0	1	1	0	0.000	0
434	431	35.35	4.18	3.3	5.06	6.94	0	0	-334	1	0	0	1	1	0	0.000	0
435	432	35.43	4.2	3.3	5.1	7.04	0	0	-338	1	0	0	1	1	0	0.000	0
436	433	35.51	4.15	3.3	5.04	6.97	0	0	-327	1	0	0	1	1	0	0.000	0
437	434	35.6	3.98	3.3	4.98	6.85	0	0	-287	1	0	0	1	1	0	0.000	0
438	435	35.68	4.1	3.3	4.96	6.96	0	0	-317	1	0	0	1	1	0	0.000	0
439	436	35.76	4.18	3.3	5.09	6.98	0	0	-333	1	0	0	1	1	0	0.000	0
440	437	35.84	4.29	3.3	5.22	7.28	0	0	-357	1	0	0	1	1	0	0.000	0
441	438	35.92	4.48	3.3	5.29	7.48	0	0	-413	1	0	0	1	1	0	0.000	0
442	439	36.01	4.71	3.3	5.21	7.39	0	0	-502	1	0	0	1	1	0	0.000	0
443	440	36.09	4.86	3.4	5.07	7.2	0	0	-576	1	0	0	1	1	0	0.000	0
444	441	36.17	4.87	3.4	4.93	7.01	0	0	-591	1	0	0	1	1	0	0.000	0
445	442	36.25	4.61	3.4	4.83	6.85	0	0	-487	1	0	0	1	1	0	0.000	0
446	443	36.33	4.4	3.4	4.75	6.74	0	0	[illegible]	1	0	0	1	1	0	0.000	0
447	444	36.42	4.19	3.4	4.68	6.65	0	0	[illegible]	1	0	0	1	1	0	0.000	0
448	445	36.5	4.16	3.4	4.59	6.55	0	0	[illegible]	1	0	0	1	1	0	0.000	0
449	446	36.58	4.14	3.4	4.52	6.39	0	0	[illegible]	1	0	0	1	1	0	0.000	0
450	447	36.66	4.17	3.4	4.48	6.37	0	0	[illegible]	1	0	0	1	1	0	0.000	0
451	448	36.74	4.2	3.4	4.48	6.39	0	0	-366	1	0	0	1	1	0	0.000	0
452	449	36.83	4.24	3.4	4.5	6.36	0	0	-377	1	0	0	1	1	0	0.000	0
453	450	36.91	4.27	3.4	4.47	6.43	0	0	-388	1	0	0	1	1	0	0.000	0
454	451	36.99	4.32	3.4	4.45	6.37	0	0	-405	1	0	0	1	1	0	0.000	0
455	452	37.07	4.33	3.4	4.43	6.34	0	0	-409	1	0	0	1	1	0	0.000	0
456	453	37.16	4.31	3.4	4.5	6.37	0	0	-399	1	0	0	1	1	0	0.000	0
457	454	37.24	4.35	3.4	4.58	6.52	0	0	-408	1	0	0	1	1	0	0.000	0
458	455	37.32	4.52	3.4	4.62	6.62	0	0	-466	1	0	0	1	1	0	0.000	0
459	456	37.4	4.83	3.4	4.61	6.6	0	0	-597	1	0	0	1	1	0	0.000	0
460	457	37.48	5.11	3.4	4.57	6.61	0	0	-748	1	0	0	1	1	0	0.000	0
461	458	37.57	5.21	3.4	4.59	6.61	0	0	-806	1	0	0	1	1	0	0.000	0
462	459	37.65	5.13	3.4	4.65	6.73	0	0	-752	1	0	0	1	1	0	0.000	0
463	460	37.73	4.74	3.4	4.88	6.87	0	0	-537	1	0	0	1	1	0	0.000	0
464	461	37.81	4.47	3.3	5.26	7.43	0	0	-411	1	0	0	1	1	0	0.000	0
465	462	37.89	4.16	3.3	5.82	8.03	0	0	-295	1	0	0	1	1	0	0.000	0
466	463	37.98	3.85	3.2	6.37	8.82	0	0	-210	1	0	0	1	1	0	0.000	0
467	464	38.06	3.75	3.2	6.37	9.47	0	0	-193	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	3.98	3.3	5.81	8.34	0	0	-255	1	0	0	1	1	0	0.000	0
469	466	38.22	4.73	3.4	4.93	7.08	0	0	-529	1	0	0	1	1	0	0.000	0
470	467	38.3	4.94	3.4	4.4	6.34	0	0	-668	1	0	0	1	1	0	0.000	0
471	468	38.39	4.66	3.4	4.26	5.97	0	0	-545	1	0	0	1	1	0	0.000	0
472	469	38.47	4.08	3.4	4.33	6.13	0	0	-338	1	0	0	1	1	0	0.000	0
473	470	38.55	3.94	3.4	4.43	6.31	0	0	-298	1	0	0	1	1	0	0.000	0
474	471	38.63	3.96	3.4	4.42	6.3	0	0	-303	1	0	0	1	1	0	0.000	0
475	472	38.71	4.12	3.4	4.34	6.21	0	0	-349	1	0	0	1	1	0	0.000	0
476	473	38.8	4.02	3.4	4.22	6.11	0	0	-326	1	0	0	1	1	0	0.000	0
477	474	38.88	3.63	3.4	4.13	5.99	0	0	-239	1	0	0	1	1	0	0.000	0
478	475	38.96	3.17	3.3	4.06	5.93	0	0	-163	1	0	0	1	1	0	0.000	0
479	476	39.04	2.97	3.3	4	5.9	0	0	-138	1	0	1	1	1	0	0.000	0
480	477	39.12	3.02	3.3	3.99	5.8	0	0	-144	1	0	0	1	1	0	0.000	0
481	478	39.21	3.11	3.3	3.96	5.8	0	0	-157	1	0	0	1	1	0	0.000	0
482	479	39.29	3.19	3.4	3.98	5.75	0	0	-167	1	0	0	1	1	0	0.000	0
483	480	39.37	3.28	3.4	3.99	5.78	0	0	-180	1	0	0	1	1	0	0.000	0
484	481	39.45	3.38	3.4	4.03	5.83	0	0	-196	1	0	0	1	1	0	0.000	0
485	482	39.53	3.48	3.4	4.11	5.93	0	0	-211	1	0	0	1	1	0	0.000	0
486	483	39.62	3.62	3.4	4.18	6.08	0	0	-235	1	0	0	1	1	0	0.000	0
487	484	39.7	3.73	3.4	4.27	6.15	0	0	-255	1	0	0	1	1	0	0.000	0
488	485	39.78	3.82	3.4	4.34	6.28	0	0	-272	1	0	0	1	1	0	0.000	0
489	486	39.86	3.9	3.4	4.45	6.39	0	0	-287	1	0	0	1	1	0	0.000	0
490	487	39.94	3.95	3.4	4.57	6.57	0	0	-295	1	0	0	1	1	0	0.000	0
491	488	40.03	3.93	3.3	4.73	6.79	0	0	-284	1	0	0	1	1	0	0.000	0
492	489	40.11	3.87	3.3	4.84	7.01	0	0	-267	1	0	0	1	1	0	0.000	0
493	490	40.19	3.84	3.3	4.9	7.04	0	0	-258	1	0	0	1	1	0	0.000	0
494	491	40.27	3.84	3.3	4.92	7.05	0	0	-257	1	0	0	1	1	0	0.000	0
495	492	40.35	3.88	3.3	4.92	7.08	0	0	-266	1	0	0	1	1	0	0.000	0
496	493	40.44	3.94	3.3	4.88	6.99	0	0	-281	1	0	0	1	1	0	0.000	0
497	494	40.52	4.04	3.3	4.74	6.89	0	0	-311	1	0	0	1	1	0	0.000	0
498	495	40.6	4.12	3.4	4.57	6.61	0	0	-339	1	0	0	1	1	0	0.000	0
499	496	40.68	4.1	3.4	4.43	6.43	0	0	-339	1	0	0	1	1	0	0.000	0
500	497	40.76	3.96	3.4	4.35	6.35	0	0	-306	1	0	0	1	1	0	0.000	0
501	498	40.85	3.74	3.4	4.32	6.29	0	0	-256	1	0	0	1	1	0	0.000	0
502	499	40.93	3.49	3.3	4.32	6.27	0	0	-207	1	0	0	1	1	0	0.000	0
503	500	41.01	3.29	3.3	4.38	6.31	0	0	-174	1	0	0	1	1	0	0.000	0
504	501	41.09	3.16	3.3	4.56	6.44	0	0	-152	1	0	0	1	1	0	0.000	0
505	502	41.17	2.91	3.3	4.79	6.84	0	0	-119	1	0	1	1	1	0	0.000	0
506	503	41.26	2.61	3.2	5.01	7.15	0	0	-89	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2.3	3.2	5.11	7.28	0	0	-67	1	0	1	1	1	0	0.000	0
508	505	41.42	2.07	3.2	5.1	7.3	0	0	-54	1	0	1	1	1	0	0.000	0
509	506	41.5	2.02	3.2	5.03	7.17	0	0	-52	1	0	1	1	1	0	0.000	0
510	507	41.58	2	3.2	5	6.96	0	0	-51	1	0	1	1	1	0	0.000	0
511	508	41.67	2.16	3.2	5.06	7.07	0	0	-59	1	0	1	1	1	0	0.000	0
512	509	41.75	2.07	3.1	5.38	7.34	0	0	-52	1	0	1	1	1	0	0.000	0
513	510	41.83	2	3.1	5.85	8.08	0	0	-46	1	0	1	1	1	0	0.000	0
514	511	41.91	2.2	3.1	6.29	8.88	0	0	-51	1	0	1	1	1	0	0.000	0
515	512	41.99	4.59	3.3	6.51	9.32	0	0	-374	1	0	0	1	1	0	0.000	0
516	513	42.08	6.64	3.3	6.97	9.25	0	0	-1654	1	0	0	1	1	0	0.000	0
517	514	42.16	7.71	3.3	8.14	10.74	0	0	-2797	1	0	0	1	1	0	0.000	0
518	515	42.24	7.06	3.2	9.48	13.68	0	0	-1223	1	0	0	1	1	0	0.000	0
519	516	42.32	6.57	3.2	10.86	14.9	0	0	-466	1	0	0	1	1	0	0.000	0
520	517	42.4	6.23	3.1	12.11	17.01	0	0	-86	1	0	0	1	1	0	0.000	0
521	518	42.49	5.79	3.1	13.64	19.4	0	0	181	1	0	0	0	1	0	0.000	0
522	519	42.57	5.48	3.0	14.75	21.27	0	0	282	1	0	0	0	1	0	0.000	0
523	520	42.65	5.21	3.0	14.9	21.53	0	0	245	1	0	0	0	1	0	0.000	0
524	521	42.73	5.01	3.0	14.22	20.17	0	0	[illegible]	1	0	0	0	1	0	0.000	0
525	522	42.81	4.81	3.0	13.02	18.64	0	0	39	1	0	0	1	1	0	0.000	0
526	523	42.9	4.99	3.1	11.24	16.72	0	0	[illegible]	1	0	0	1	1	0	0.000	0
527	524	42.98	5.24	3.2	9.22	13.09	0	0	[illegible]	1	0	0	1	1	0	0.000	0
528	525	43.06	5.57	3.3	7.28	10.66	0	0	[illegible]	1	0	0	1	1	0	0.000	0
529	526	43.14	5.13	3.3	6.03	9.05	0	0	-620	1	0	0	1	1	0	0.000	0
530	527	43.22	4.57	3.3	5.25	8.15	0	0	-446	1	0	0	1	1	0	0.000	0
531	528	43.31	4.09	3.4	4.68	7.53	0	0	-326	1	0	0	1	1	0	0.000	0
532	529	43.39	4.03	3.4	4.18	6.69	0	0	-330	1	0	0	1	1	0	0.000	0
533	530	43.47	4.05	3.4	3.79	6.07	0	0	-352	1	0	0	1	1	0	0.000	0
534	531	43.55	4.05	3.4	3.72	5.86	0	0	-354	1	0	0	1	1	0	0.000	0
535	532	43.63	3.93	3.4	3.88	6.15	0	0	-315	1	0	0	1	1	0	0.000	0
536	533	43.72	3.89	3.4	4.15	6.43	0	0	-295	1	0	0	1	1	0	0.000	0
537	534	43.8	3.98	3.4	4.33	6.71	0	0	-311	1	0	0	1	1	0	0.000	0
538	535	43.88	4.2	3.4	4.46	6.81	0	0	-367	1	0	0	1	1	0	0.000	0
539	536	43.96	4.38	3.4	4.51	6.91	0	0	-422	1	0	0	1	1	0	0.000	0
540	537	44.04	4.51	3.4	4.54	6.94	0	0	-467	1	0	0	1	1	0	0.000	0
541	538	44.13	4.59	3.4	4.54	6.95	0	0	-498	1	0	0	1	1	0	0.000	0
542	539	44.21	4.62	3.4	4.56	6.92	0	0	-508	1	0	0	1	1	0	0.000	0
543	540	44.29	4.63	3.4	4.59	6.99	0	0	-511	1	0	0	1	1	0	0.000	0
544	541	44.37	4.58	3.4	4.64	7.06	0	0	-487	1	0	0	1	1	0	0.000	0
545	542	44.45	4.55	3.4	4.68	7.13	0	0	-473	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	4.51	3.4	4.71	7.18	0	0	-457	1	0	0	1	1	0	0.000	0
547	544	44.62	4.47	3.4	4.7	7.18	0	0	-443	1	0	0	1	1	0	0.000	0
548	545	44.7	4.47	3.4	4.64	7.1	0	0	-446	1	0	0	1	1	0	0.000	0
549	546	44.78	4.51	3.4	4.57	6.96	0	0	-465	1	0	0	1	1	0	0.000	0
550	547	44.86	4.59	3.4	4.53	6.91	0	0	-498	1	0	0	1	1	0	0.000	0
551	548	44.95	4.64	3.4	4.58	6.94	0	0	-515	1	0	0	1	1	0	0.000	0
552	549	45.03	4.62	3.4	4.68	7.14	0	0	-501	1	0	0	1	1	0	0.000	0
553	550	45.11	4.58	3.4	4.8	7.3	0	0	-478	1	0	0	1	1	0	0.000	0
554	551	45.19	4.36	3.3	4.89	7.45	0	0	-395	1	0	0	1	1	0	0.000	0
555	552	45.27	4.02	3.3	4.92	7.55	0	0	-299	1	0	0	1	1	0	0.000	0
556	553	45.36	3.9	3.3	4.89	7.49	0	0	-271	1	0	0	1	1	0	0.000	0
557	554	45.44	4.04	3.3	4.87	7.43	0	0	-305	1	0	0	1	1	0	0.000	0
558	555	45.52	4.45	3.4	4.89	7.51	0	0	-425	1	0	0	1	1	0	0.000	0
559	556	45.6	4.76	3.4	4.95	7.63	0	0	-540	1	0	0	1	1	0	0.000	0
560	557	45.69	5.11	3.4	5.03	7.78	0	0	-704	1	0	0	1	1	0	0.000	0
561	558	45.77	5.55	3.4	5.07	7.94	0	0	-984	1	0	0	1	1	0	0.000	0
562	559	45.85	5.94	3.4	5.04	7.86	0	0	-1328	1	0	0	1	1	0	0.000	0
563	560	45.93	6.01	3.4	5.01	7.79	0	0	-1[illegible]06	1	0	0	1	1	0	0.000	0
564	561	46.01	5.77	3.4	5.01	7.89	0	0	-1[illegible]73	1	0	0	1	1	0	0.000	0
565	562	46.1	5.48	3.4	5	7.91	0	0	-9[illegible]2	1	0	0	1	1	0	0.000	0
566	563	46.18	5.35	3.4	5	7.74	0	0	-852	1	0	0	1	1	0	0.000	0
567	564	46.26	5.2	3.4	5.07	7.8	0	0	[illegible]51	1	0	0	1	1	0	0.000	0
568	565	46.34	5	3.4	5.21	8.02	0	0	-631	1	0	0	1	1	0	0.000	0
569	566	46.42	4.92	3.3	5.42	8.19	0	0	-575	1	0	0	1	1	0	0.000	0
570	567	46.51	5.03	3.3	5.68	8.56	0	0	-604	1	0	0	1	1	0	0.000	0
571	568	46.59	5.3	3.3	6	9.05	0	0	-710	1	0	0	1	1	0	0.000	0
572	569	46.67	5.51	3.3	6.23	9.5	0	0	-806	1	0	0	1	1	0	0.000	0
573	570	46.75	5.67	3.3	6.31	9.63	0	0	-899	1	0	0	1	1	0	0.000	0
574	571	46.83	5.7	3.3	6.27	9.54	0	0	-925	1	0	0	1	1	0	0.000	0
575	572	46.92	5.67	3.3	6.35	9.42	0	0	-893	1	0	0	1	1	0	0.000	0
576	573	47	5.76	3.3	6.49	9.86	0	0	-934	1	0	0	1	1	0	0.000	0
577	574	47.08	6.28	3.3	6.76	9.97	0	0	-1317	1	0	0	1	1	0	0.000	0
578	575	47.16	6.96	3.3	7.03	10.46	0	0	-2063	1	0	0	1	1	0	0.000	0
579	576	47.24	7.56	3.3	7.4	11.12	0	0	-2945	1	0	0	1	1	0	0.000	0
580	577	47.33	7.81	3.3	7.63	11.66	0	0	-3349	1	0	0	1	1	0	0.000	0
581	578	47.41	8.05	3.4	7.66	11.7	0	0	-3929	1	0	0	1	1	0	0.000	0
582	579	47.49	8.06	3.4	7.48	11.36	0	0	-4103	1	0	0	1	1	0	0.000	0
583	580	47.57	7.85	3.4	7.4	10.99	0	0	-3606	1	0	0	1	1	0	0.000	0
584	581	47.65	7.56	3.3	7.52	11.24	0	0	-2876	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	7.44	3.3	7.89	11.74	0	0	-2447	1	0	0	1	1	0	0.000	0
586	583	47.82	7.73	3.3	7.97	12.49	0	0	-2946	1	0	0	1	1	0	0.000	0
587	584	47.9	8.24	3.4	7.57	11.81	0	0	-4558	1	0	0	1	1	0	0.000	0
588	585	47.98	8.93	3.4	6.78	10.5	0	0	-8416	1	0	0	1	1	0	0.000	0
589	586	48.06	9.65	3.5	5.98	9.55	0	0	-15372	1	0	0	1	1	0	0.000	0
590	587	48.15	10.23	3.5	5.44	8.66	0	0	-24113	1	0	0	1	1	0	0.000	0
591	588	48.23	9.88	3.5	5.13	8.3	0	0	-20147	1	0	0	1	1	0	0.000	0
592	589	48.31	10	3.5	5.09	8.18	0	0	-21870	1	0	0	1	1	0	0.000	0
593	590	48.39	10.51	3.5	5.39	8.36	0	0	-28958	1	0	0	1	1	0	0.000	0
594	591	48.47	9.4	3.4	7.63	9.35	0	0	-9762	1	0	0	1	1	0	0.000	0
595	592	48.56	6.14	3.1	13.14	17.08	0	0	132	1	0	0	0	1	0	0.000	0
596	593	48.64	4	2.8	20.56	31.48	0	0	312	1	0	0	0	1	0	0.000	0
597	594	48.72	2.52	2.5	33.2	41.02	0	0	227	1	1	1	0	1	0	0.000	0
598	595	48.8	1.8	2.3	46.48	65.23	0	0	194	1	1	1	0	1	0	0.000	0
599	596	48.88	1.63	2.2	59.82	78.82	0	0	231	1	1	1	0	1	0	0.000	0
600	597	48.97	1.62	2.2	70.18	89.94	0	0	279	1	1	1	0	1	0	0.000	0
601	598	49.05	1.62	2.1	77.95	105.03	0	0	317	1	1	1	0	1	0	0.000	0
602	599	49.13	1.58	2.1	82.5	108.97	0	0.06	[illegible]	1	1	1	0	1	0	0.000	0
603	600	49.21	1.64	2.1	82.42	107.44	0	0.06	45	1	1	1	0	1	0	0.000	0
604	601	49.29	1.88	2.2	81.25	106.24	0	0.05	4[illegible]3	1	1	1	0	1	0	0.000	0
605	602	49.38	2.07	2.2	82.88	108.85	0	0.05	515	1	1	1	0	1	0	0.000	0
606	603	49.46	2.05	2.2	83.35	117.9	0	0.02	[illegible]09	1	1	1	0	1	0	0.000	0
607	604	49.54	1.98	2.2	85.32	108.24	0	0.05	491	1	1	1	0	1	0	0.000	0
608	605	49.62	1.86	2.1	89.17	115.74	0	0.04	463	1	1	1	0	1	0	0.000	0
609	606	49.7	1.86	2.1	101.12	131.3	0	0	535	1	1	1	0	1	0	0.000	0
610	607	49.79	1.77	2.0	115.34	156.95	0	0	572	1	1	1	0	1	0	0.000	0
611	608	49.87	1.74	2.0	127.7	171.83	0	[illegible]	623	0	1	1	0	1	0	0.000	0
612	609	49.95	1.71	2.0	133.42	180.96	0	0	636	0	1	1	0	1	0	0.000	0
613	610	50.03	1.84	2.0	134.76	180.04	0	0	725	0	1	1	0	1	0	0.000	0
614	611	50.11	1.93	2.0	131.69	182.82	0	0	768	0	1	1	0	1	0	0.000	0
615	612	50.2	1.34	1.9	137.6	166.41	0	0	466	0	1	1	0	1	0	0.000	0
616	613	50.28	0.65	1.7	147.04	176.86	0	0.04	258	0	1	1	0	1	0	0.000	0
617	614	50.36	0	4.1	114.58	188.31	0	0	102	0	0	1	0	1	0	0.000	0
618	615	50.44	0	4.1	116.25	192.61	0	0	104	0	0	1	0	1	0	0.000	0
619	616	50.52	0	4.1	118.04	197.38	0	0	106	0	0	1	0	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

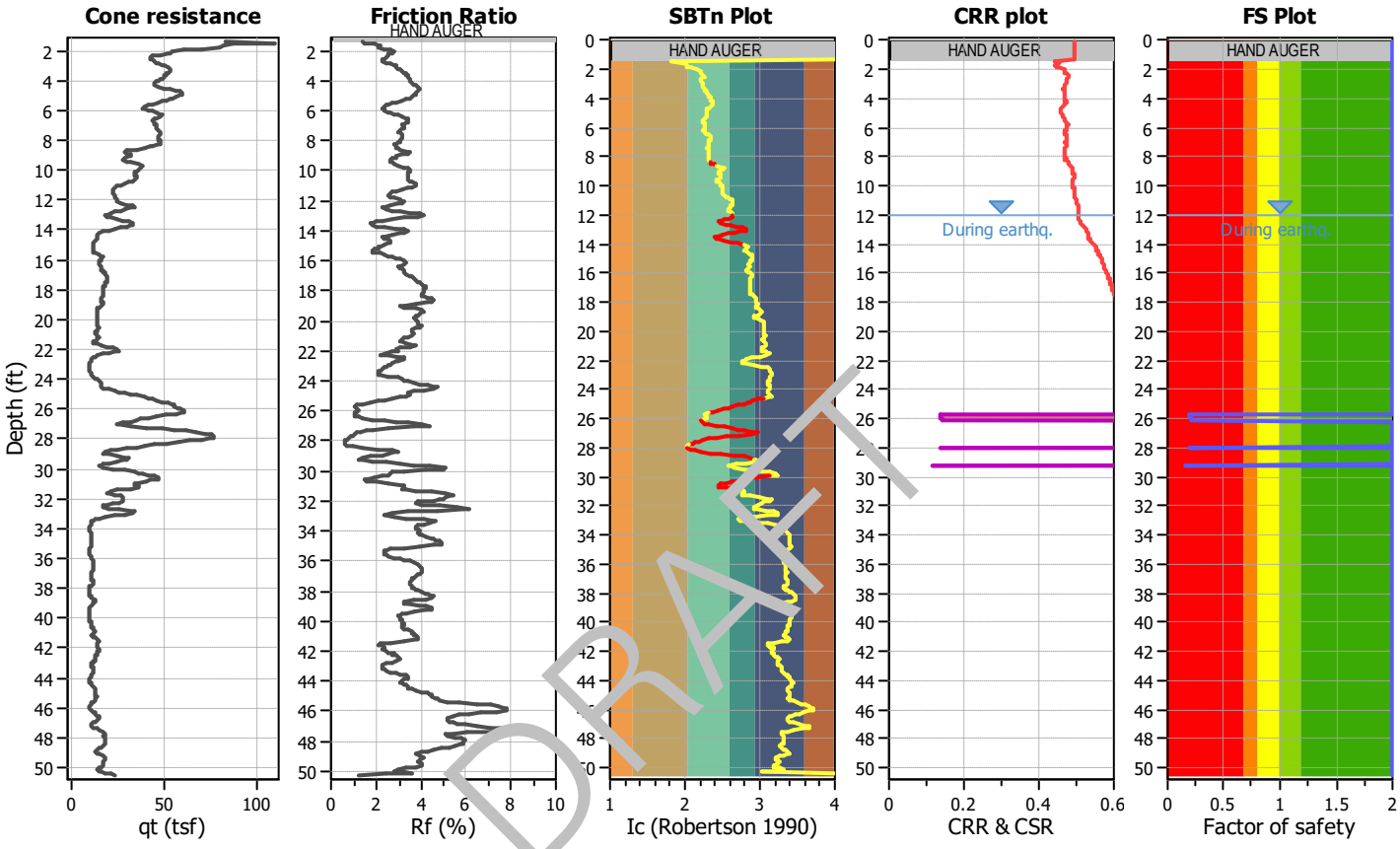
LIQUEFACTION ANALYSIS REPORT

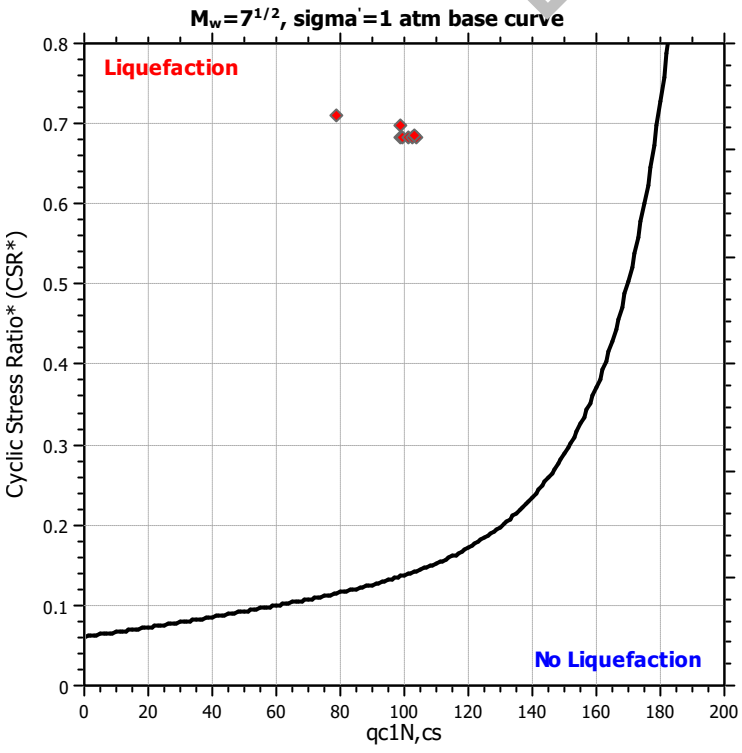
Project title : **Location :**

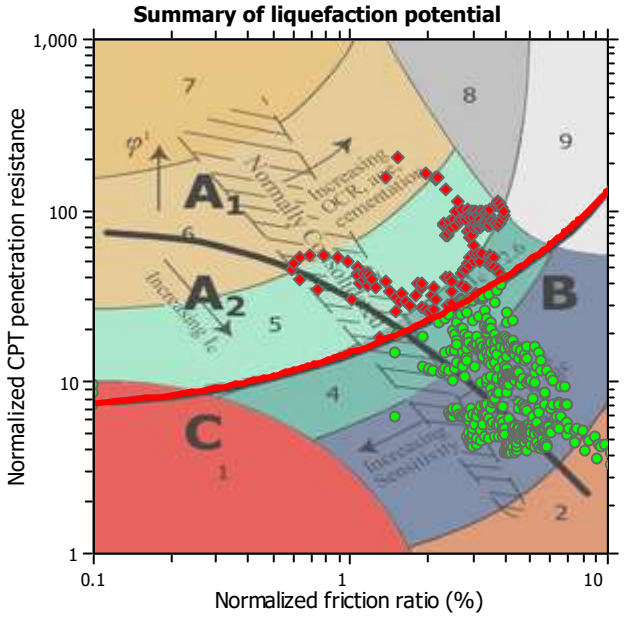
CPT file : CPT-8

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

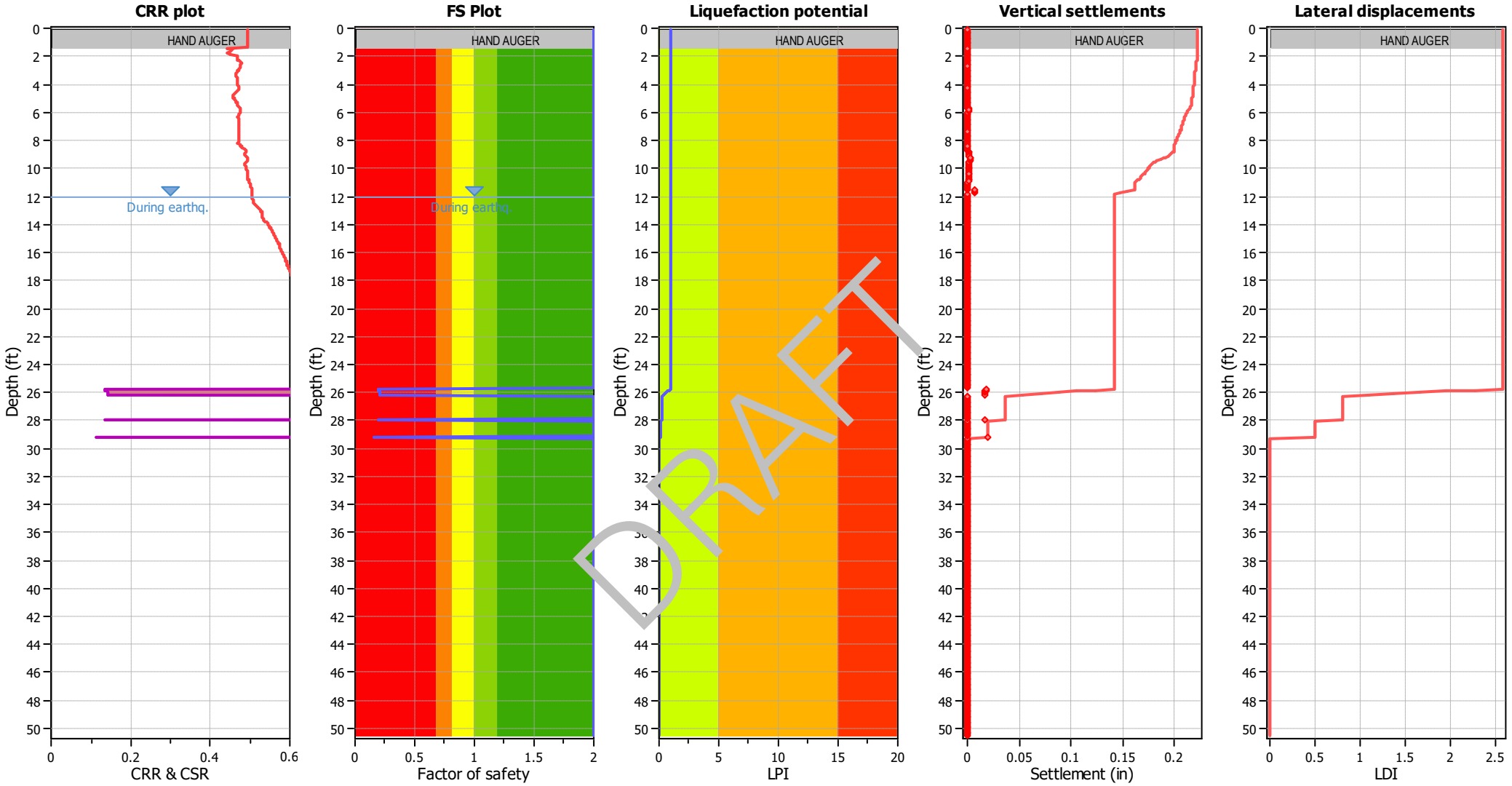






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-8, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.160	0.04
20	17	1.39	1.38	1.9	155.86	234.16	0	0	554	0	1	1	0	1	0	0.160	0.04
21	18	1.48	1.53	1.8	206.93	163.66	0	0	865	0	1	1	0	1	0	0.160	0.04
22	19	1.56	1.96	2.0	165.29	130.19	0	0	1011	1	1	1	0	1	0	0.160	0.04
23	20	1.64	2.14	2.0	155.24	127.84	0	0	1113	1	1	1	0	1	0	0.160	0.04
24	21	1.72	2.16	2.0	154.75	137.54	0	0	1129	1	1	1	0	1	0	0.160	0.04
25	22	1.8	2.13	2.0	151.13	128.49	0	0	1071	1	1	1	0	1	0	0.160	0.04
26	23	1.89	2.33	2.1	131.69	118.53	0	0	1102	1	1	1	0	1	0	0.160	0.04
27	24	1.97	2.61	2.2	113.99	88.35	0	0	1204	1	1	1	0	1	0	0.160	0.04
28	25	2.05	2.83	2.2	102.02	83.81	0	0	1288	1	1	1	0	1	0	0.160	0.04
29	26	2.13	2.69	2.2	100.96	88.2	0	0	1126	1	1	1	0	1	0	0.160	0.04
30	27	2.21	2.56	2.2	97.9	85.71	0	0	969	1	1	1	0	1	0	0.160	0.04
31	28	2.3	2.51	2.2	89.9	76.05	0	0	840	1	1	1	0	1	0	0.160	0.04
32	29	2.38	2.55	2.3	82.31	67.87	0	0	785	1	1	1	0	1	0	0.160	0.04
33	30	2.46	2.49	2.3	79.42	66.44	0	0	714	1	1	1	0	1	0	0.160	0.04
34	31	2.54	2.4	2.2	80.89	68.77	0	0	673	1	1	1	0	1	0	0.160	0.04
35	32	2.62	2.31	2.2	82.87	71.68	0	0	639	1	1	1	0	1	0	0.160	0.04
36	33	2.71	2.31	2.2	84.63	71.56	0	0	655	1	1	1	0	1	0	0.160	0.04
37	34	2.79	2.44	2.2	85.99	73.28	0	0	750	1	1	1	0	1	0	0.160	0.04
38	35	2.87	2.63	2.2	88.42	75.12	0	0	916	1	1	1	0	1	0	0.160	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.78	2.3	91.38	77.73	0	0	1086	1	1	1	0	1	0	0.160	0.04
40	37	3.03	2.87	2.3	94.87	80.79	0	0	1227	1	1	1	0	1	0	0.160	0.04
41	38	3.12	2.94	2.2	97.8	84.1	0	0	1350	1	1	1	0	1	0	0.160	0.04
42	39	3.2	3.02	2.3	99.4	85.23	0	0	1474	1	1	0	0	1	0	0.160	0.04
43	40	3.28	3.08	2.3	99.89	84.93	0	0	1561	1	1	0	0	1	0	0.160	0.04
44	41	3.36	3.16	2.3	99.31	85.41	0	0	1661	1	1	0	0	1	0	0.160	0.04
45	42	3.44	3.23	2.3	98.16	83.79	0	0	1740	1	1	0	0	1	0	0.160	0.04
46	43	3.53	3.32	2.3	96.73	82.03	0	0	1848	1	1	0	0	1	0	0.160	0.04
47	44	3.61	3.38	2.3	95.69	81.81	0	0	1920	1	1	0	0	1	0	0.160	0.04
48	45	3.69	3.42	2.3	94.83	81.18	0	0	1966	1	1	0	0	1	0	0.160	0.04
49	46	3.77	3.48	2.3	93.72	79.87	0	0	2040	1	1	0	0	1	0	0.160	0.04
50	47	3.85	3.5	2.3	91.93	79.02	0	0	2029	1	1	0	0	1	0	0.160	0.04
51	48	3.94	3.53	2.3	89.76	76.66	0	0	2024	1	1	0	0	1	0	0.160	0.04
52	49	4.02	3.56	2.3	87.27	74.37	0	0	2009	1	1	0	0	1	0	0.160	0.04
53	50	4.1	3.61	2.4	85.14	72.69	0	0	2036	1	1	0	0	1	0	0.160	0.04
54	51	4.18	3.65	2.4	83.71	71.27	0	0	2063	1	1	0	0	1	0	0.160	0.04
55	52	4.26	3.72	2.4	83.08	70.77	0	0	2168	1	1	0	0	1	0	0.160	0.04
56	53	4.35	3.78	2.4	84.66	71.13	0	0	[illegible]	1	1	0	0	1	0	0.160	0.04
57	54	4.43	3.87	2.4	88.31	75.31	0	0	[illegible]	1	1	0	0	1	0	0.160	0.04
58	55	4.51	3.93	2.4	93.36	80.11	0	0	[illegible]	1	1	0	0	1	0	0.160	0.04
59	56	4.59	3.94	2.3	99.27	83.96	0	0	[illegible]	1	1	0	0	1	0	0.160	0.04
60	57	4.68	3.88	2.3	105.12	88.79	0	0	[illegible]	1	1	0	0	1	0	0.160	0.04
61	58	4.76	3.8	2.3	110.12	92.17	0	0	3206	1	1	0	0	1	0	0.160	0.04
62	59	4.84	3.76	2.3	112.12	93.11	0	0	3164	1	1	0	0	1	0	0.160	0.04
63	60	4.92	3.75	2.3	111.61	91.62	0	0	3122	1	1	0	0	1	0	0.160	0.04
64	61	5	3.74	2.3	109.21	89.48	0	0	3021	1	1	0	0	1	0	0.160	0.04
65	62	5.09	3.64	2.3	106.4	86.84	0	0	2698	1	1	0	0	1	0	0.160	0.04
66	63	5.17	3.5	2.3	102.73	84.57	0	0	2305	1	1	0	0	1	0	0.160	0.04
67	64	5.25	3.34	2.3	99.14	81.01	0	0	1933	1	1	0	0	1	0	0.160	0.04
68	65	5.33	3.15	2.3	95.66	78.34	0	0	1578	1	1	0	0	1	0	0.160	0.04
69	66	5.41	2.92	2.3	92.64	76.37	0	0	1247	1	1	1	0	1	0	0.160	0.04
70	67	5.5	2.7	2.3	87.95	73.8	0	0	969	1	1	1	0	1	0	0.160	0.04
71	68	5.58	2.55	2.3	82.79	67.56	0	0	791	1	1	1	0	1	0	0.160	0.04
72	69	5.66	2.44	2.3	77.92	64.5	0	0	667	1	1	1	0	1	0	0.160	0.04
73	70	5.74	2.41	2.3	74.01	62.4	0	0	611	1	1	1	0	1	0	0.160	0.04
74	71	5.82	2.34	2.3	72.27	58.14	0	0	558	1	1	1	0	1	0	0.160	0.04
75	72	5.91	2.39	2.3	72.74	59.75	0	0	588	1	1	1	0	1	0	0.160	0.04
76	73	5.99	2.41	2.3	77.38	62.53	0	0	645	1	1	1	0	1	0	0.160	0.04
77	74	6.07	2.56	2.3	82.23	66.83	0	0	791	1	1	1	0	1	0	0.160	0.04
78	75	6.15	2.67	2.3	86.72	68.8	0	0	928	1	1	1	0	1	0	0.160	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	2.81	2.3	90.17	70.57	0	0	1098	1	1	1	0	1	0	0.160	0.04
80	77	6.32	2.99	2.3	90.94	72.68	0	0	1297	1	1	1	0	1	0	0.160	0.04
81	78	6.4	3.17	2.3	89.42	69.12	0	0	1484	1	1	0	0	1	0	0.160	0.04
82	79	6.48	3.37	2.3	85.48	66.22	0	0	1670	1	1	0	0	1	0	0.160	0.04
83	80	6.56	3.43	2.3	83	63.63	0	0	1698	1	1	0	0	1	0	0.160	0.04
84	81	6.64	3.45	2.4	82.22	63.11	0	0	1708	1	1	0	0	1	0	0.160	0.04
85	82	6.73	3.42	2.3	82.23	63.77	0	0	1665	1	1	0	0	1	0	0.160	0.04
86	83	6.81	3.35	2.3	83.42	62.79	0	0	1596	1	1	0	0	1	0	0.160	0.04
87	84	6.89	3.29	2.3	83.48	64.68	0	0	1518	1	1	0	0	1	0	0.160	0.04
88	85	6.97	3.21	2.3	84.84	63.11	0	0	1445	1	1	0	0	1	0	0.160	0.04
89	86	7.05	3.24	2.3	83.89	66.37	0	0	1463	1	1	0	0	1	0	0.160	0.04
90	87	7.14	3.24	2.3	83.42	63.03	0	0	1453	1	1	0	0	1	0	0.160	0.04
91	88	7.22	3.23	2.3	82.11	62.6	0	0	1414	1	1	0	0	1	0	0.160	0.04
92	89	7.3	3.11	2.3	82.95	64.09	0	0	1291	1	1	0	0	1	0	0.160	0.04
93	90	7.38	3.05	2.3	83.71	66.14	0	0	1240	1	1	0	0	1	0	0.160	0.04
94	91	7.46	3.08	2.3	83.78	65.29	0	0	1273	1	1	0	0	1	0	0.160	0.04
95	92	7.55	3.15	2.3	83.08	64.64	0	0	1339	1	1	0	0	1	0	0.160	0.04
96	93	7.63	3.17	2.3	82.36	64.66	0	0	[illegible]	1	1	0	0	1	0	0.160	0.04
97	94	7.71	3.18	2.3	81.66	64.07	0	0	1[illegible]46	1	1	0	0	1	0	0.160	0.04
98	95	7.79	3.18	2.3	80.45	63.47	0	0	13[illegible]3	1	1	0	0	1	0	0.160	0.04
99	96	7.87	3.16	2.3	80	62.57	0	0	129[illegible]	1	1	0	0	1	0	0.160	0.04
100	97	7.96	3.13	2.3	79.68	63.66	0	0	[illegible]53	1	1	0	0	1	0	0.160	0.04
101	98	8.04	3.11	2.3	79.52	63.39	0	0	1229	1	1	0	0	1	0	0.160	0.04
102	99	8.12	3.02	2.3	79.7	62.9	0	0	1140	1	1	0	0	1	0	0.160	0.04
103	100	8.2	2.93	2.3	78.1	65.07	0	0	1029	1	1	1	0	1	0	0.160	0.04
104	101	8.28	2.86	2.3	75.58	60.68	0	0	931	1	1	1	0	1	0	0.160	0.04
105	102	8.37	2.95	2.3	71.56	57.74	0	0	943	1	1	1	0	1	0	0.160	0.04
106	103	8.45	2.92	2.3	69.06	55.54	0	0	880	1	1	1	0	1	0	0.160	0.04
107	104	8.53	3.03	2.4	63.33	55.17	0	0	870	1	1	0	0	1	0	0.160	0.04
108	105	8.61	3.13	2.4	56.6	43.82	0	0	822	1	1	0	0	1	0	0.160	0.04
109	106	8.69	3.48	2.5	49.42	39.16	0	0	927	1	1	0	0	1	0	0.160	0.04
110	107	8.78	3.61	2.5	47.23	37.17	0	0	973	1	1	0	0	1	0	0.160	0.04
111	108	8.86	3.45	2.5	48.28	38.43	0	0	876	1	1	0	0	1	0	0.160	0.04
112	109	8.94	3.2	2.5	50.34	42.26	0	0	749	1	1	0	0	1	0	0.160	0.04
113	110	9.02	2.98	2.5	50.5	43.12	0	0	623	1	1	1	0	1	0	0.160	0.04
114	111	9.1	2.91	2.5	48.05	39.83	0	0	548	1	1	1	0	1	0	0.160	0.04
115	112	9.19	2.77	2.5	44.92	36.79	0	0	443	1	1	1	0	1	0	0.160	0.04
116	113	9.27	2.7	2.5	43.13	36.06	0	0	393	1	1	1	0	1	0	0.160	0.04
117	114	9.35	2.72	2.5	42.81	35.85	0	0	396	1	1	1	0	1	0	0.160	0.04
118	115	9.43	2.8	2.5	44.96	35.95	0	0	455	1	1	1	0	1	0	0.160	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	2.85	2.5	48.78	41.12	0	0	531	1	1	1	0	1	0	0.160	0.04
120	117	9.6	2.89	2.4	53.88	45.43	0	0	627	1	1	1	0	1	0	0.160	0.04
121	118	9.68	3.03	2.4	56.73	49.11	0	0	757	1	1	0	0	1	0	0.160	0.04
122	119	9.76	3.25	2.4	56.76	48.53	0	0	915	1	1	0	0	1	0	0.160	0.04
123	120	9.84	3.47	2.5	54.95	45.29	0	0	1057	1	1	0	0	1	0	0.160	0.04
124	121	9.92	3.57	2.5	53.63	44.4	0	0	1115	1	1	0	0	1	0	0.160	0.04
125	122	10.01	3.55	2.5	52.53	45.31	0	0	1067	1	1	0	0	1	0	0.160	0.04
126	123	10.09	3.49	2.5	51.53	42.96	0	0	989	1	1	0	0	1	0	0.160	0.04
127	124	10.17	3.49	2.5	49.74	42.37	0	0	943	1	1	0	0	1	0	0.160	0.04
128	125	10.25	3.5	2.5	49.18	41.14	0	0	937	1	1	0	0	1	0	0.160	0.04
129	126	10.33	3.48	2.5	49.1	41.8	0	0	919	1	1	0	0	1	0	0.160	0.04
130	127	10.42	3.46	2.5	49.27	42.51	0	0	908	1	1	0	0	1	0	0.160	0.04
131	128	10.5	3.46	2.5	49.14	41.93	0	0	905	1	1	0	0	1	0	0.160	0.04
132	129	10.58	3.53	2.5	48.48	41.79	0	0	943	1	1	0	0	1	0	0.160	0.04
133	130	10.66	3.61	2.5	47.3	40.99	0	0	975	1	1	0	0	1	0	0.160	0.04
134	131	10.74	3.71	2.6	45.54	39.03	0	0	1007	1	1	0	0	1	0	0.160	0.04
135	132	10.83	3.81	2.6	42.99	37.44	0	0	1010	1	1	0	0	1	0	0.160	0.04
136	133	10.91	3.87	2.6	40.21	34.59	0	0	[illegible]	1	0	0	0	1	0	0.160	0.04
137	134	10.99	3.84	2.6	36.96	32.11	0	0	30	1	0	0	0	1	0	0.160	0.04
138	135	11.07	3.71	2.6	34.12	29.37	0	0	[illegible]	1	0	0	0	1	0	0.160	0.04
139	136	11.15	3.5	2.6	31.93	27.64	0	0	[illegible]	1	0	0	0	1	0	0.160	0.04
140	137	11.24	3.26	2.6	30.53	26.85	0	0	[illegible]	1	0	0	0	1	0	0.160	0.04
141	138	11.32	2.98	2.6	29.66	26.11	0	0	281	1	0	1	0	1	0	0.160	0.04
142	139	11.4	2.82	2.6	29.1	25.8	0	0	237	1	0	1	0	1	0	0.160	0.04
143	140	11.48	2.74	2.6	29.24	25.66	0	0	223	1	0	1	0	1	0	0.160	0.04
144	141	11.56	2.69	2.6	29.71	26.67	0	0	219	1	1	1	0	1	0	0.160	0.04
145	142	11.65	2.67	2.6	30.16	27.22	0	0	221	1	1	1	0	1	0	0.160	0.04
146	143	11.73	2.72	2.6	30.23	27.01	0	0	232	1	1	1	0	1	0	0.160	0.04
147	144	11.81	2.93	2.6	30	26.89	0	0	275	1	0	1	0	1	0	0.160	0.04
148	145	11.89	3.16	2.6	30.06	26.49	0	0	336	1	0	0	0	1	0	0.160	0.04
149	146	11.97	3.27	2.6	30.71	27.03	0	0	383	1	0	0	0	1	0	0.160	0.04
150	147	12.06	3.31	2.6	31.05	28.68	0	0	403	1	0	0	0	1	0	0.160	0.04
151	148	12.14	3.24	2.6	31.56	27.62	0	0	391	1	0	0	0	1	0	0.160	0.04
152	149	12.22	3.07	2.6	33.17	28.76	0	0	366	1	1	0	0	1	0	0.160	0.04
153	150	12.3	2.73	2.5	36.67	33.43	0	0	319	1	1	1	0	1	0	0.160	0.04
154	151	12.38	2.44	2.5	40.36	37.71	0	0	284	1	1	1	0	1	0	0.160	0.04
155	152	12.47	2.34	2.4	41.16	39.51	0	0	267	1	1	1	0	1	0	0.160	0.04
156	153	12.55	2.47	2.5	39.12	36.08	0	0	279	1	1	1	0	1	0	0.160	0.04
157	154	12.63	2.79	2.5	35.52	32.18	0	0	320	1	1	1	0	1	0	0.160	0.04
158	155	12.71	3.18	2.6	32.18	29.48	0	0	383	1	0	0	0	1	0	0.160	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	3.64	2.7	28.75	26.81	0	0	467	1	0	0	0	1	0	0.160	0.04
160	157	12.88	4.1	2.8	25.4	22.66	0	0	542	1	0	0	0	1	0	0.160	0.04
161	158	12.96	4.33	2.8	22.88	20.3	0	0	526	1	0	0	0	1	0	0.160	0.04
162	159	13.04	4.05	2.8	22.12	20	0	0	388	1	0	0	0	1	0	0.160	0.04
163	160	13.12	3.42	2.7	22.98	20.84	0	0	250	1	0	0	0	1	0	0.160	0.04
164	161	13.21	2.85	2.7	25	23.05	0	0	183	1	0	1	0	1	0	0.160	0.04
165	162	13.29	2.39	2.6	28.35	26.01	0	0	155	1	1	1	0	1	0	0.160	0.04
166	163	13.37	2.08	2.5	32.17	30.62	0	0	145	1	1	1	0	1	0	0.160	0.04
167	164	13.45	1.88	2.4	35.63	34.23	0	0	142	1	1	1	0	1	0	0.160	0.04
168	165	13.53	1.82	2.4	37.52	36.2	0	0	146	1	1	1	0	1	0	0.160	0.04
169	166	13.62	1.89	2.4	37.56	36.25	0	0	156	1	1	1	0	1	0	0.160	0.04
170	167	13.7	2.1	2.5	36.16	34.47	0	0	178	1	1	1	0	1	0	0.160	0.04
171	168	13.78	2.47	2.5	33.41	32.15	0	0	219	1	1	1	0	1	0	0.160	0.04
172	169	13.86	3	2.6	29.58	28.32	0	0	285	1	0	0	0	1	0	0.160	0.04
173	170	13.94	3.38	2.7	25.91	23.5	0	0	310	1	0	0	0	1	0	0.160	0.04
174	171	14.03	3.56	2.8	22.2	21.85	0	0	261	1	0	0	0	1	0	0.160	0.04
175	172	14.11	3.42	2.8	19.4	18.08	0	0	165	1	0	0	0	1	0	0.160	0.04
176	173	14.19	3.22	2.8	16.8	15.9	0	0	87	1	0	0	0	1	0	0.160	0.04
177	174	14.27	2.86	2.8	15.58	14.75	0	0	45	1	0	1	1	1	0	0.160	0.04
178	175	14.35	2.55	2.8	15.3	14.84	0	0	1	1	0	1	1	1	0	0.160	0.04
179	176	14.44	2.46	2.8	15.3	15.25	0	0	29	1	0	1	1	1	0	0.160	0.04
180	177	14.52	2.56	2.8	15.07	14.77	0	0	29	1	0	1	1	1	0	0.160	0.04
181	178	14.6	2.73	2.8	14.43	14.15	0	0	25	1	0	1	1	1	0	0.160	0.04
182	179	14.68	2.83	2.9	13.77	13.41	0	0	18	1	0	1	1	1	0	0.160	0.04
183	180	14.76	2.84	2.9	13.11	12.9	0	0	9	1	0	1	1	1	0	0.160	0.04
184	181	14.85	2.74	2.9	12.53	12.32	0	0	0	1	0	1	1	1	0	0.160	0.04
185	182	14.93	2.57	2.9	12.01	11.83	0	0	-6	1	0	1	1	1	0	0.160	0.04
186	183	15.01	2.41	2.9	11.62	11.5	0	0	-9	1	0	1	1	1	0	0.160	0.04
187	184	15.09	2.29	2.9	11.4	11.3	0	0	-10	1	0	1	1	1	0	0.160	0.04
188	185	15.17	2.24	2.9	11.34	11.22	0	0	-10	1	0	1	1	1	0	0.160	0.04
189	186	15.26	2.1	2.9	11.49	11.36	0	0	-8	1	0	1	1	1	0	0.160	0.04
190	187	15.34	2.03	2.9	11.64	11.74	0	0	-6	1	0	1	1	1	0	0.160	0.04
191	188	15.42	2.04	2.9	11.71	11.66	0	0	-6	1	0	1	1	1	0	0.160	0.04
192	189	15.5	2.35	2.9	11.84	11.62	0	0	-6	1	0	1	1	1	0	0.160	0.04
193	190	15.58	2.59	2.9	12.92	12.11	0	0	5	1	0	1	1	1	0	0.160	0.04
194	191	15.67	2.76	2.8	14.69	14.72	0	0	30	1	0	1	1	1	0	0.160	0.04
195	192	15.75	2.85	2.8	16.19	16.69	0	0	54	1	0	1	1	1	0	0.160	0.04
196	193	15.83	3.07	2.8	16.49	16.5	0	0	71	1	0	0	1	1	0	0.160	0.04
197	194	15.91	3.28	2.9	16.02	15.78	0	0	75	1	0	0	1	1	0	0.160	0.04
198	195	15.99	3.44	2.9	15.41	15.57	0	0	71	1	0	0	1	1	0	0.160	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	3.51	2.9	14.96	14.9	0	0	63	1	0	0	1	1	0	0.160	0.04
200	197	16.16	3.55	2.9	14.63	14.47	0	0	57	1	0	0	1	1	0	0.160	0.04
201	198	16.24	3.44	2.9	14.63	14.57	0	0	52	1	0	0	1	1	0	0.160	0.04
202	199	16.32	3.26	2.9	14.85	14.88	0	0	49	1	0	0	1	1	0	0.160	0.04
203	200	16.4	3.17	2.9	15.14	15.15	0	0	51	1	0	0	1	1	0	0.160	0.04
204	201	16.49	3.28	2.9	15.35	15.54	0	0	60	1	0	0	1	1	0	0.160	0.04
205	202	16.57	3.38	2.9	15.53	15.56	0	0	70	1	0	0	1	1	0	0.160	0.04
206	203	16.65	3.43	2.9	15.66	15.73	0	0	76	1	0	0	1	1	0	0.160	0.04
207	204	16.73	3.42	2.9	15.91	16.04	0	0	81	1	0	0	0	1	0	0.160	0.04
208	205	16.81	3.45	2.9	16.24	16.44	0	0	92	1	0	0	0	1	0	0.160	0.04
209	206	16.9	3.55	2.9	16.7	16.8	0	0	112	1	0	0	0	1	0	0.160	0.04
210	207	16.98	3.7	2.9	17.13	17.48	0	0	140	1	0	0	0	1	0	0.160	0.04
211	208	17.06	3.84	2.9	17.53	17.81	0	0	171	1	0	0	0	1	0	0.160	0.04
212	209	17.14	3.88	2.9	17.78	18.11	0	0	185	1	0	0	0	1	0	0.160	0.04
213	210	17.22	3.9	2.9	17.93	18.4	0	0	194	1	0	0	0	1	0	0.160	0.04
214	211	17.31	3.95	2.9	17.91	18.42	0	0	201	1	0	0	0	1	0	0.160	0.04
215	212	17.39	4.07	2.9	17.58	18.16	0	0	208	1	0	0	0	1	0	0.160	0.04
216	213	17.47	4.18	2.9	17.16	17.54	0	0	209	1	0	0	0	1	0	0.160	0.04
217	214	17.55	4.26	2.9	16.65	17.26	0	0	199	1	0	0	0	1	0	0.160	0.04
218	215	17.63	4.38	2.9	16.11	16.8	0	0	191	1	0	0	0	1	0	0.160	0.04
219	216	17.72	4.48	2.9	15.75	16.09	0	0	186	1	0	0	0	1	0	0.160	0.04
220	217	17.8	4.48	3.0	15.5	16.33	0	0	172	1	0	0	0	1	0	0.160	0.04
221	218	17.88	4.4	3.0	15.34	16.15	0	0	152	1	0	0	0	1	0	0.160	0.04
222	219	17.96	4.36	3.0	15.04	15.73	0	0	132	1	0	0	0	1	0	0.160	0.04
223	220	18.04	4.36	3.0	14.76	15.52	0	0	117	1	0	0	0	1	0	0.160	0.04
224	221	18.13	4.38	3.0	14.67	15.4	0	0	115	1	0	0	0	1	0	0.160	0.04
225	222	18.21	4.3	3.0	14.79	15.55	0	0	113	1	0	0	0	1	0	0.160	0.04
226	223	18.29	4.26	3.0	15.02	15.96	0	0	121	1	0	0	0	1	0	0.160	0.04
227	224	18.37	4.37	3.0	14.99	16.18	0	0	130	1	0	0	0	1	0	0.160	0.04
228	225	18.45	4.63	3.0	14.51	15.55	0	0	130	1	0	0	0	1	0	0.160	0.04
229	226	18.54	4.8	3.0	13.88	14.6	0	0	102	1	0	0	0	1	0	0.160	0.04
230	227	18.62	4.87	3.0	13.43	14.38	0	0	73	1	0	0	1	1	0	0.160	0.04
231	228	18.7	4.83	3.0	13.32	14.29	0	0	62	1	0	0	1	1	0	0.160	0.04
232	229	18.78	4.59	3.0	13.5	14.4	0	0	63	1	0	0	1	1	0	0.160	0.04
233	230	18.86	4.09	3.0	13.84	15.04	0	0	56	1	0	0	1	1	0	0.160	0.04
234	231	18.95	3.46	2.9	13.98	15.38	0	0	37	1	0	0	1	1	0	0.160	0.04
235	232	19.03	3.27	2.9	13.64	14.91	0	0	24	1	0	0	1	1	0	0.160	0.04
236	233	19.11	3.49	2.9	12.92	14.12	0	0	11	1	0	0	1	1	0	0.160	0.04
237	234	19.19	4.04	3.0	12.09	13.27	0	0	-16	1	0	0	1	1	0	0.160	0.04
238	235	19.27	4.43	3.1	11.55	12.42	0	0	-52	1	0	0	1	1	0	0.160	0.04

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	4.52	3.1	11.21	12.45	0	0	-76	1	0	0	1	1	0	0.160	0.04
240	237	19.44	4.43	3.1	11.06	12.23	0	0	-79	1	0	0	1	1	0	0.160	0.04
241	238	19.52	4.29	3.1	10.81	11.97	0	0	-83	1	0	0	1	1	0	0.160	0.04
242	239	19.6	4.24	3.1	10.67	11.73	0	0	-86	1	0	0	1	1	0	0.160	0.04
243	240	19.68	4.15	3.1	10.67	11.82	0	0	-80	1	0	0	1	1	0	0.160	0.04
244	241	19.77	4.12	3.1	10.64	12.01	0	0	-80	1	0	0	1	1	0	0.160	0.04
245	242	19.85	4.08	3.1	10.54	11.67	0	0	-81	1	0	0	1	1	0	0.160	0.04
246	243	19.93	4.11	3.1	10.43	11.58	0	0	-88	1	0	0	1	1	0	0.160	0.04
247	244	20.01	4.18	3.1	10.64	11.7	0	0	-84	1	0	0	1	1	0	0.160	0.04
248	245	20.09	4.18	3.1	10.85	12.34	0	0	-74	1	0	0	1	1	0	0.160	0.04
249	246	20.18	4.25	3.1	10.94	12.3	0	0	-74	1	0	0	1	1	0	0.160	0.04
250	247	20.26	4.31	3.1	10.86	12.07	0	0	-82	1	0	0	1	1	0	0.160	0.04
251	248	20.34	4.39	3.1	10.81	12.21	0	0	-90	1	0	0	1	1	0	0.160	0.04
252	249	20.42	4.28	3.1	10.93	12.23	0	0	-76	1	0	0	1	1	0	0.160	0.04
253	250	20.5	4.07	3.0	10.99	12.51	0	0	-62	1	0	0	1	1	0	0.160	0.04
254	251	20.59	3.91	3.0	10.91	12.44	0	0	-57	1	0	0	1	1	0	0.160	0.04
255	252	20.67	3.92	3.0	10.57	11.99	0	0	-70	1	0	0	1	1	0	0.160	0.04
256	253	20.75	3.98	3.1	10.07	11.43	0	0	-93	1	0	0	1	1	0	0.160	0.04
257	254	20.83	4.04	3.1	9.66	10.88	0	0	-114	1	0	0	1	1	0	0.160	0.04
258	255	20.92	4.02	3.1	9.47	10.72	0	0	-119	1	0	0	1	1	0	0.160	0.04
259	256	21	3.95	3.1	9.74	10.87	0	0	-103	1	0	0	1	1	0	0.160	0.04
260	257	21.08	3.76	3.0	10.31	11.8	0	0	-70	1	0	0	1	1	0	0.160	0.04
261	258	21.16	3.55	3.0	10.59	12.62	0	0	-51	1	0	0	1	1	0	0.160	0.04
262	259	21.24	3.42	3.0	10.38	11.84	0	0	-51	1	0	0	1	1	0	0.160	0.04
263	260	21.33	3.42	3.0	9.78	11.25	0	0	-65	1	0	0	1	1	0	0.160	0.04
264	261	21.41	3.51	3.1	9.04	10.76	0	0	-89	1	0	0	1	1	0	0.160	0.04
265	262	21.49	3.74	3.1	8.58	9.48	0	0	-122	1	0	0	1	1	0	0.160	0.04
266	263	21.57	4.1	3.1	8.62	9.75	0	0	-163	1	0	0	1	1	0	0.160	0.04
267	264	21.65	4.16	3.1	9.69	10.89	0	0	-124	1	0	0	1	1	0	0.160	0.04
268	265	21.74	3.77	3.0	11.74	12.94	0	0	-24	1	0	0	1	1	0	0.160	0.04
269	266	21.82	3.32	2.9	13.97	16.61	0	0	32	1	0	0	1	1	0	0.160	0.04
270	267	21.9	3.1	2.8	16.49	18.46	0	0	73	1	0	0	1	1	0	0.160	0.04
271	268	21.98	3.14	2.8	18.34	21.43	0	0	110	1	0	0	0	1	0	0.160	0.04
272	269	22.06	2.82	2.8	18.79	22.88	0	0	90	1	0	1	0	1	0	0.160	0.04
273	270	22.15	2.61	2.8	17.27	20.03	0	0	57	1	0	1	1	1	0	0.160	0.04
274	271	22.23	2.34	2.8	14.59	16.65	0	0	20	1	0	1	1	1	0	0.160	0.04
275	272	22.31	2.75	2.9	12.02	14.25	0	0	-6	1	0	1	1	1	0	0.160	0.04
276	273	22.39	3.25	3.0	9.9	11.77	0	0	-54	1	0	0	1	1	0	0.160	0.04
277	274	22.47	3.62	3.1	8.42	9.57	0	0	-115	1	0	0	1	1	0	0.160	0.04
278	275	22.56	3.66	3.1	7.67	9.32	0	0	-141	1	0	0	1	1	0	0.160	0.04

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	3.42	3.1	7.38	9.22	0	0	-122	1	0	0	1	1	0	0.160	0.04
280	277	22.72	3.26	3.1	7.06	8.59	0	0	-113	1	0	0	1	1	0	0.160	0.04
281	278	22.8	3.16	3.2	6.7	8.19	0	0	-111	1	0	0	1	1	0	0.160	0.04
282	279	22.88	3.02	3.2	6.47	7.93	0	0	-102	1	0	0	1	1	0	0.160	0.04
283	280	22.97	2.91	3.2	6.42	7.71	0	0	-94	1	0	1	1	1	0	0.160	0.04
284	281	23.05	2.87	3.2	6.46	7.93	0	0	-90	1	0	1	1	1	0	0.160	0.04
285	282	23.13	2.78	3.1	6.47	8.04	0	0	-83	1	0	1	1	1	0	0.160	0.04
286	283	23.21	2.64	3.1	6.38	7.76	0	0	-75	1	0	1	1	1	0	0.160	0.04
287	284	23.29	2.49	3.1	6.24	7.64	0	0	-67	1	0	1	1	1	0	0.160	0.04
288	285	23.38	2.49	3.1	6.22	7.56	0	0	-67	1	0	1	1	1	0	0.160	0.04
289	286	23.46	2.46	3.1	6.38	7.7	0	0	-64	1	0	1	1	1	0	0.160	0.04
290	287	23.54	2.43	3.1	6.63	8.14	0	0	-59	1	0	1	1	1	0	0.160	0.04
291	288	23.62	2.53	3.1	6.87	8.39	0	0	-62	1	0	1	1	1	0	0.160	0.04
292	289	23.7	2.94	3.1	7	8.45	0	0	-87	1	0	1	1	1	0	0.160	0.04
293	290	23.79	3.36	3.1	7.24	8.5	0	0	-119	1	0	0	1	1	0	0.160	0.04
294	291	23.87	3.62	3.1	7.56	9.14	0	0	-140	1	0	0	1	1	0	0.160	0.04
295	292	23.95	3.67	3.1	8.01	9.53	0	0	-132	1	0	0	1	1	0	0.160	0.04
296	293	24.03	3.81	3.1	8.63	10.12	0	0	-138	1	0	0	1	1	0	0.160	0.04
297	294	24.11	4.08	3.1	9.41	11.38	0	0	-128	1	0	0	1	1	0	0.160	0.04
298	295	24.2	4.39	3.1	10.02	12.32	0	0	-152	1	0	0	1	1	0	0.160	0.04
299	296	24.28	4.75	3.1	10.24	12.42	0	0	-160	1	0	0	1	1	0	0.160	0.04
300	297	24.36	5.05	3.1	10.04	12.4	0	0	-221	1	0	0	1	1	0	0.160	0.04
301	298	24.44	5.24	3.2	9.86	11.92	0	0	-275	1	0	0	1	1	0	0.160	0.04
302	299	24.52	5.01	3.1	10.16	11.93	0	0	-204	1	0	0	1	1	0	0.160	0.04
303	300	24.61	4.48	3.1	11.23	13.51	0	0	-73	1	0	0	1	1	0	0.160	0.04
304	301	24.69	3.93	3.0	13.06	15.62	0	0	20	1	0	0	1	1	0	0.160	0.04
305	302	24.77	3.66	2.9	14.92	18.36	0	0	71	1	0	0	1	1	0	0.160	0.04
306	303	24.85	3.64	2.9	16.82	20.21	0	0	124	1	0	0	0	1	0	0.160	0.04
307	304	24.93	3.68	2.8	18.68	22.6	0	0	184	1	0	0	0	1	0	0.160	0.04
308	305	25.02	3.52	2.8	21.08	25.18	0	0	223	1	0	0	0	1	0	0.160	0.04
309	306	25.1	3.2	2.7	23.62	28.45	0	0	220	1	0	0	0	1	0	0.160	0.04
310	307	25.18	2.78	2.6	26.35	31.01	0	0	191	1	0	1	0	1	0	0.160	0.04
311	308	25.26	2.46	2.6	28.54	34.07	0	0	167	1	1	1	0	1	0	0.160	0.04
312	309	25.34	2.14	2.5	30.23	35.45	0	0	138	1	1	1	0	1	0	0.160	0.04
313	310	25.43	1.79	2.5	31.86	36.25	0	0	110	1	1	1	0	1	0	0.160	0.04
314	311	25.51	1.41	2.4	33.96	38.86	0	0	85	1	1	1	0	1	0	0.160	0.04
315	312	25.59	1.17	2.3	36.44	41.48	0	0	76	1	1	1	1	1	0	0.160	0.04
316	313	25.67	1.08	2.3	38.06	43.59	0	0	74	1	1	1	1	1	0	0.160	0.04
317	314	25.75	1.12	2.3	38.81	43.84	0.02	0.31	79	1	1	1	1	1	0.02	0.160	0.04
318	315	25.84	1.18	2.3	39.27	44.1	0.02	0.31	86	1	1	1	0	1	0	0.140	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	1.22	2.3	40.2	45.37	0.02	0.3	92	1	1	1	0	1	0	0.120	0.02
320	317	26	1.2	2.3	41.75	47.14	0.02	0.29	95	1	1	1	0	1	0	0.100	0.02
321	318	26.08	1.13	2.2	42.99	49.12	0.02	0.28	93	1	1	1	0	1	0	0.080	0.02
322	319	26.16	1.07	2.2	43.42	49.17	0.02	0.28	89	1	1	1	0	1	0	0.060	0.02
323	320	26.25	1.07	2.2	42.15	48.31	0	0	85	1	1	1	0	1	0	0.040	0.02
324	321	26.33	1.12	2.3	39.59	45.09	0	0	82	1	1	1	0	1	0	0.040	0.02
325	322	26.41	1.25	2.3	35.66	41.24	0	0	79	1	1	1	1	1	0	0.040	0.02
326	323	26.49	1.49	2.4	31.5	36.08	0	0	81	1	1	1	0	1	0	0.040	0.02
327	324	26.57	1.9	2.5	27.41	32.26	0	0	93	1	1	1	0	1	0	0.040	0.02
328	325	26.66	2.42	2.6	24.74	28.66	0	0	123	1	0	1	0	1	0	0.040	0.02
329	326	26.74	3	2.7	22.62	28.01	0	0	169	1	0	0	0	1	0	0.040	0.02
330	327	26.82	3.57	2.8	20.32	25.81	0	0	212	1	0	0	0	1	0	0.040	0.02
331	328	26.9	4.28	2.9	17.37	21.37	0	0	237	1	0	0	0	1	0	0.040	0.02
332	329	26.98	4.65	3.0	15.07	17.76	0	0	169	1	0	0	0	1	0	0.040	0.02
333	330	27.07	3.9	2.9	15.89	17.55	0	0	121	1	0	0	0	1	0	0.040	0.02
334	331	27.15	2.69	2.7	20.26	24.35	0	0	99	1	0	1	0	1	0	0.040	0.02
335	332	27.23	1.95	2.5	26.8	32.53	0	0	94	1	1	1	0	1	0	0.040	0.02
336	333	27.31	1.59	2.4	33.07	38.72	0	0	97	1	1	1	0	1	0	0.040	0.02
337	334	27.39	1.36	2.3	38.2	44.52	0	0	98	1	1	1	0	1	0	0.040	0.02
338	335	27.48	1.17	2.3	42.72	48.84	0	0	96	1	1	1	0	1	0	0.040	0.02
339	336	27.56	1.06	2.2	46.96	52.74	0	0	98	1	1	1	0	1	0	0.040	0.02
340	337	27.64	0.98	2.1	50.68	57.81	0	0	101	1	1	1	0	1	0	0.040	0.02
341	338	27.72	0.89	2.1	53.63	60.35	0	0	100	1	1	1	0	1	0	0.040	0.02
342	339	27.8	0.78	2.1	54.86	61.44	0	0	92	1	1	1	0	1	0	0.040	0.02
343	340	27.89	0.69	2.0	54.61	60.65	0	0	84	1	1	1	0	1	0	0.040	0.02
344	341	27.97	0.64	2.0	52.89	58.43	0.02	0.31	77	1	1	1	1	1	0.02	0.040	0.02
345	342	28.05	0.6	2.0	49.55	55.37	0	0	68	1	1	1	1	1	0	0.020	0
346	343	28.13	0.59	2.1	45.08	49.85	0	0	59	1	1	1	1	1	0	0.020	0
347	344	28.21	0.63	2.1	39.72	44.46	0	0	51	1	1	1	1	1	0	0.020	0
348	345	28.3	0.75	2.2	34.63	38.94	0	0	47	1	1	1	1	1	0	0.020	0
349	346	28.38	1	2.3	29.99	34.64	0	0	47	1	1	1	1	1	0	0.020	0
350	347	28.46	1.49	2.5	25.82	30.82	0	0	57	1	1	1	1	1	0	0.020	0
351	348	28.54	2.24	2.7	21.79	26.74	0	0	79	1	0	1	1	1	0	0.020	0
352	349	28.63	2.88	2.8	18.11	22.47	0	0	84	1	0	1	0	1	0	0.020	0
353	350	28.71	3.22	2.9	14.91	19.02	0	0	49	1	0	0	1	1	0	0.020	0
354	351	28.79	3.04	2.9	12.29	15.56	0	0	-4	1	0	0	1	1	0	0.020	0
355	352	28.87	2.79	3.0	10.66	12.97	0	0	-26	1	0	1	1	1	0	0.020	0
356	353	28.95	2.51	3.0	10.06	13.12	0	0	-26	1	0	1	1	1	0	0.020	0
357	354	29.04	1.91	2.8	12.11	13.32	0	0	-2	1	0	1	1	1	0	0.020	0
358	355	29.12	1.48	2.7	14.85	20.28	0	0	10	1	0	1	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	1.29	2.6	18.18	21.95	0.02	0.5	20	1	0	1	1	1	0	0.020	0
360	357	29.28	1.52	2.6	18.87	24.28	0	0	28	1	0	1	1	1	0	0.000	0
361	358	29.36	1.94	2.7	18.41	23.08	0	0	38	1	0	1	1	1	0	0.000	0
362	359	29.45	2.61	2.8	16.41	21.15	0	0	46	1	0	1	1	1	0	0.000	0
363	360	29.53	3.27	2.9	14.17	18.24	0	0	35	1	0	0	1	1	0	0.000	0
364	361	29.61	4.05	3.0	11.86	15.27	0	0	-26	1	0	0	1	1	0	0.000	0
365	362	29.69	4.85	3.1	9.94	12.74	0	0	-197	1	0	0	1	1	0	0.000	0
366	363	29.77	5.7	3.2	8.7	11.29	0	0	-564	1	0	0	1	1	0	0.000	0
367	364	29.86	5.69	3.2	8.32	10.76	0	0	-616	1	0	0	1	1	0	0.000	0
368	365	29.94	4.65	3.1	9.67	11.35	0	0	-186	1	0	0	1	1	0	0.000	0
369	366	30.02	3.51	3.0	12.67	16.22	0	0	4	1	0	0	1	1	0	0.000	0
370	367	30.1	2.93	2.8	16.99	21.75	0	0	70	1	0	1	1	1	0	0.000	0
371	368	30.18	2.75	2.7	20.37	27.17	0	0	106	1	0	1	0	1	0	0.000	0
372	369	30.27	2.63	2.7	22.09	27.86	0	0	116	1	0	1	0	1	0	0.000	0
373	370	30.35	2.36	2.6	23.46	27.64	0	0	104	1	0	1	0	1	0	0.000	0
374	371	30.43	2.01	2.6	25.55	31.61	0	0	90	1	1	1	0	1	0	0.000	0
375	372	30.51	1.69	2.5	28.07	34.52	0	0	80	1	1	1	0	1	0	0.000	0
376	373	30.59	1.56	2.5	29.52	35.61	0	0	78	1	1	1	1	1	0	0.000	0
377	374	30.68	1.63	2.5	29.78	36.27	0	0	84	1	1	1	0	1	0	0.000	0
378	375	30.76	2.12	2.6	26.64	35.71	0	0	108	1	1	1	0	1	0	0.000	0
379	376	30.84	2.7	2.7	24.37	26.15	0	0	152	1	0	1	0	1	0	0.000	0
380	377	30.92	3.36	2.8	20.93	29.5	0	0	191	1	0	0	0	1	0	0.000	0
381	378	31	3.46	2.8	20.32	24.43	0	0	193	1	0	0	0	1	0	0.000	0
382	379	31.09	3.44	2.8	20.25	24.21	0	0	188	1	0	0	0	1	0	0.000	0
383	380	31.17	3.33	2.8	21.67	29.29	0	0	203	1	0	0	0	1	0	0.000	0
384	381	31.25	3.49	2.8	21.3	29.43	0	0	223	1	0	0	0	1	0	0.000	0
385	382	31.33	4.01	2.9	18.19	23.15	0	0	222	1	0	0	0	1	0	0.000	0
386	383	31.41	4.81	3.0	14.15	18.2	0	0	123	1	0	0	0	1	0	0.000	0
387	384	31.5	5.56	3.1	11.69	14.27	0	0	-108	1	0	0	1	1	0	0.000	0
388	385	31.58	6.03	3.2	10.73	13.94	0	0	-337	1	0	0	1	1	0	0.000	0
389	386	31.66	5.88	3.1	11.52	14.61	0	0	-167	1	0	0	1	1	0	0.000	0
390	387	31.74	5.55	3.1	13.12	17.16	0	0	82	1	0	0	0	1	0	0.000	0
391	388	31.82	5.42	3.0	14.76	19.89	0	0	271	1	0	0	0	1	0	0.000	0
392	389	31.91	5.2	3.0	15.77	20.84	0	0	331	1	0	0	0	1	0	0.000	0
393	390	31.99	4.85	3.0	15.97	21.1	0	0	267	1	0	0	0	1	0	0.000	0
394	391	32.07	4.17	2.9	15.9	20.78	0	0	151	1	0	0	0	1	0	0.000	0
395	392	32.15	4.05	2.9	15.67	20.68	0	0	128	1	0	0	0	1	0	0.000	0
396	393	32.23	4.4	3.0	14.22	20.27	0	0	92	1	0	0	0	1	0	0.000	0
397	394	32.32	5.3	3.1	12.21	15.4	0	0	-32	1	0	0	1	1	0	0.000	0
398	395	32.4	6.19	3.2	10.2	13.15	0	0	-494	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	6.86	3.2	9.18	12.75	0	0	-1165	1	0	0	1	1	0	0.000	0
400	397	32.56	6.63	3.2	9.29	11.66	0	0	-953	1	0	0	1	1	0	0.000	0
401	398	32.64	5.25	3.1	11.13	13.58	0	0	-144	1	0	0	1	1	0	0.000	0
402	399	32.73	3.72	2.9	14.48	19.66	0	0	61	1	0	0	1	1	0	0.000	0
403	400	32.81	2.85	2.8	17.91	24.32	0	0	79	1	0	1	1	1	0	0.000	0
404	401	32.89	2.53	2.7	19.62	26.23	0	0	79	1	0	1	1	1	0	0.000	0
405	402	32.97	2.55	2.7	18.83	25.4	0	0	71	1	0	1	1	1	0	0.000	0
406	403	33.05	2.99	2.8	16.07	21.62	0	0	59	1	0	1	1	1	0	0.000	0
407	404	33.14	3.66	3.0	12.76	16.77	0	0	8	1	0	0	1	1	0	0.000	0
408	405	33.22	4.6	3.1	9.89	12.92	0	0	-164	1	0	0	1	1	0	0.000	0
409	406	33.3	5.18	3.2	7.87	10.88	0	0	-461	1	0	0	1	1	0	0.000	0
410	407	33.38	5.47	3.3	6.52	9.23	0	0	-745	1	0	0	1	1	0	0.000	0
411	408	33.46	5.33	3.3	5.67	7.93	0	0	-764	1	0	0	1	1	0	0.000	0
412	409	33.55	5.02	3.4	5.26	7.73	0	0	-636	1	0	0	1	1	0	0.000	0
413	410	33.63	4.74	3.4	5.16	7.7	0	0	-517	1	0	0	1	1	0	0.000	0
414	411	33.71	4.64	3.4	5.05	7.6	0	0	-485	1	0	0	1	1	0	0.000	0
415	412	33.79	4.66	3.4	4.92	7.3	0	0	-501	1	0	0	1	1	0	0.000	0
416	413	33.87	4.83	3.4	4.78	7.23	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
417	414	33.96	4.89	3.4	4.71	7.08	0	0	-[illegible]18	1	0	0	1	1	0	0.000	0
418	415	34.04	4.91	3.4	4.67	7.05	0	0	-6[illegible]1	1	0	0	1	1	0	0.000	0
419	416	34.12	4.85	3.4	4.7	7.12	0	0	-600	1	0	0	1	1	0	0.000	0
420	417	34.2	4.88	3.4	4.75	7.18	0	0	-[illegible]10	1	0	0	1	1	0	0.000	0
421	418	34.28	5.02	3.4	4.82	7.26	0	0	-675	1	0	0	1	1	0	0.000	0
422	419	34.37	5.26	3.4	4.9	7.39	0	0	-805	1	0	0	1	1	0	0.000	0
423	420	34.45	5.47	3.4	5.01	7.47	0	0	-933	1	0	0	1	1	0	0.000	0
424	421	34.53	5.61	3.4	5.11	7.68	0	0	-1025	1	0	0	1	1	0	0.000	0
425	422	34.61	5.71	3.4	5.17	7.76	0	0	-1097	1	0	0	1	1	0	0.000	0
426	423	34.69	5.92	3.4	5.14	7.69	0	0	-1291	1	0	0	1	1	0	0.000	0
427	424	34.78	6.06	3.4	5.09	7.61	0	0	-1444	1	0	0	1	1	0	0.000	0
428	425	34.86	6.07	3.4	5.06	7.57	0	0	-1460	1	0	0	1	1	0	0.000	0
429	426	34.94	5.65	3.4	5.13	7.57	0	0	-1054	1	0	0	1	1	0	0.000	0
430	427	35.02	4.84	3.4	5.23	7.88	0	0	-554	1	0	0	1	1	0	0.000	0
431	428	35.1	3.94	3.3	5.26	7.95	0	0	-267	1	0	0	1	1	0	0.000	0
432	429	35.19	3.24	3.3	5.18	7.71	0	0	-150	1	0	0	1	1	0	0.000	0
433	430	35.27	3	3.3	4.92	7.61	0	0	-126	1	0	0	1	1	0	0.000	0
434	431	35.35	2.95	3.3	4.59	6.97	0	0	-126	1	0	1	1	1	0	0.000	0
435	432	35.43	2.98	3.3	4.25	6.49	0	0	-135	1	0	1	1	1	0	0.000	0
436	433	35.51	3.02	3.3	4.19	6.32	0	0	-141	1	0	0	1	1	0	0.000	0
437	434	35.6	3.09	3.3	4.29	6.56	0	0	-148	1	0	0	1	1	0	0.000	0
438	435	35.68	3.25	3.3	4.47	6.68	0	0	-166	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	3.48	3.3	4.61	6.82	0	0	-198	1	0	0	1	1	0	0.000	0
440	437	35.84	3.8	3.3	4.76	7.01	0	0	-254	1	0	0	1	1	0	0.000	0
441	438	35.92	4.04	3.3	4.93	7.16	0	0	-303	1	0	0	1	1	0	0.000	0
442	439	36.01	4.33	3.3	5.09	7.34	0	0	-376	1	0	0	1	1	0	0.000	0
443	440	36.09	4.54	3.3	5.24	7.52	0	0	-436	1	0	0	1	1	0	0.000	0
444	441	36.17	4.71	3.3	5.34	7.67	0	0	-493	1	0	0	1	1	0	0.000	0
445	442	36.25	4.77	3.3	5.38	7.67	0	0	-514	1	0	0	1	1	0	0.000	0
446	443	36.33	4.82	3.3	5.35	7.68	0	0	-537	1	0	0	1	1	0	0.000	0
447	444	36.42	4.94	3.4	5.29	7.6	0	0	-595	1	0	0	1	1	0	0.000	0
448	445	36.5	5	3.4	5.23	7.5	0	0	-629	1	0	0	1	1	0	0.000	0
449	446	36.58	5.01	3.4	5.2	7.48	0	0	-636	1	0	0	1	1	0	0.000	0
450	447	36.66	4.96	3.4	5.21	7.47	0	0	-611	1	0	0	1	1	0	0.000	0
451	448	36.74	4.93	3.4	5.21	7.53	0	0	-597	1	0	0	1	1	0	0.000	0
452	449	36.83	4.88	3.4	5.17	7.45	0	0	-577	1	0	0	1	1	0	0.000	0
453	450	36.91	4.77	3.4	5.09	7.32	0	0	-535	1	0	0	1	1	0	0.000	0
454	451	36.99	4.65	3.4	4.97	7.22	0	0	-494	1	0	0	1	1	0	0.000	0
455	452	37.07	4.57	3.4	4.84	7.02	0	0	-471	1	0	0	1	1	0	0.000	0
456	453	37.16	4.54	3.4	4.71	6.86	0	0	-468	1	0	0	1	1	0	0.000	0
457	454	37.24	4.57	3.4	4.62	6.74	0	0	-485	1	0	0	1	1	0	0.000	0
458	455	37.32	4.56	3.4	4.61	6.67	0	0	-482	1	0	0	1	1	0	0.000	0
459	456	37.4	4.46	3.4	4.74	6.73	0	0	-437	1	0	0	1	1	0	0.000	0
460	457	37.48	4.38	3.3	5.08	7.11	0	0	-392	1	0	0	1	1	0	0.000	0
461	458	37.57	4.34	3.3	5.42	7.83	0	0	-362	1	0	0	1	1	0	0.000	0
462	459	37.65	4.39	3.3	5.42	7.95	0	0	-377	1	0	0	1	1	0	0.000	0
463	460	37.73	4.45	3.3	5.1	7.21	0	0	-413	1	0	0	1	1	0	0.000	0
464	461	37.81	4.6	3.4	4.68	6.86	0	0	-493	1	0	0	1	1	0	0.000	0
465	462	37.89	4.81	3.4	4.42	6.59	0	0	-602	1	0	0	1	1	0	0.000	0
466	463	37.98	5.02	3.4	4.26	6.27	0	0	-724	1	0	0	1	1	0	0.000	0
467	464	38.06	5.26	3.5	4.16	6.17	0	0	-884	1	0	0	1	1	0	0.000	0
468	465	38.14	5.46	3.5	4.13	6.16	0	0	-1035	1	0	0	1	1	0	0.000	0
469	466	38.22	5.59	3.5	4.13	6.19	0	0	-1143	1	0	0	1	1	0	0.000	0
470	467	38.3	5.76	3.5	4.15	6.26	0	0	-1298	1	0	0	1	1	0	0.000	0
471	468	38.39	5.89	3.5	4.18	6.33	0	0	-1427	1	0	0	1	1	0	0.000	0
472	469	38.47	5.8	3.5	4.24	6.38	0	0	-1323	1	0	0	1	1	0	0.000	0
473	470	38.55	5.36	3.4	4.42	6.48	0	0	-925	1	0	0	1	1	0	0.000	0
474	471	38.63	4.61	3.4	4.9	6.93	0	0	-483	1	0	0	1	1	0	0.000	0
475	472	38.71	3.91	3.3	5.76	8.04	0	0	-242	1	0	0	1	1	0	0.000	0
476	473	38.8	3.89	3.2	6.1	9.7	0	0	-226	1	0	0	1	1	0	0.000	0
477	474	38.88	4.18	3.3	5.98	8.54	0	0	-293	1	0	0	1	1	0	0.000	0
478	475	38.96	4.88	3.3	5.34	8.01	0	0	-564	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	5.23	3.4	5.04	7.63	0	0	-772	1	0	0	1	1	0	0.000	0
480	477	39.12	5.65	3.4	4.68	7.42	0	0	-1118	1	0	0	1	1	0	0.000	0
481	478	39.21	5.76	3.5	4.37	6.51	0	0	-1264	1	0	0	1	1	0	0.000	0
482	479	39.29	5.52	3.5	4.07	6.32	0	0	-1091	1	0	0	1	1	0	0.000	0
483	480	39.37	4.89	3.5	3.98	6.16	0	0	-676	1	0	0	1	1	0	0.000	0
484	481	39.45	4.43	3.4	3.91	6.06	0	0	-472	1	0	0	1	1	0	0.000	0
485	482	39.53	4.15	3.4	3.87	5.99	0	0	-378	1	0	0	1	1	0	0.000	0
486	483	39.62	4.07	3.4	3.84	5.91	0	0	-355	1	0	0	1	1	0	0.000	0
487	484	39.7	4	3.4	3.86	5.87	0	0	-335	1	0	0	1	1	0	0.000	0
488	485	39.78	4.03	3.4	3.91	5.95	0	0	-341	1	0	0	1	1	0	0.000	0
489	486	39.86	4.06	3.4	3.99	5.99	0	0	-346	1	0	0	1	1	0	0.000	0
490	487	39.94	4.09	3.4	4.06	6.1	0	0	-352	1	0	0	1	1	0	0.000	0
491	488	40.03	4.1	3.4	4.13	6.2	0	0	-352	1	0	0	1	1	0	0.000	0
492	489	40.11	4.13	3.4	4.17	6.24	0	0	-359	1	0	0	1	1	0	0.000	0
493	490	40.19	4.19	3.4	4.22	6.32	0	0	-375	1	0	0	1	1	0	0.000	0
494	491	40.27	4.14	3.4	4.28	6.37	0	0	-357	1	0	0	1	1	0	0.000	0
495	492	40.35	4.08	3.4	4.3	6.41	0	0	-339	1	0	0	1	1	0	0.000	0
496	493	40.44	4.07	3.4	4.31	6.32	0	0	-326	1	0	0	1	1	0	0.000	0
497	494	40.52	4.21	3.4	4.35	6.38	0	0	-375	1	0	0	1	1	0	0.000	0
498	495	40.6	4.4	3.4	4.59	6.51	0	0	-414	1	0	0	1	1	0	0.000	0
499	496	40.68	4.51	3.4	4.89	7.1	0	0	-446	1	0	0	1	1	0	0.000	0
500	497	40.76	4.51	3.3	5.21	7.53	0	0	-427	1	0	0	1	1	0	0.000	0
501	498	40.85	4.51	3.3	5.38	7.82	0	0	-417	1	0	0	1	1	0	0.000	0
502	499	40.93	4.55	3.3	5.34	7.89	0	0	-434	1	0	0	1	1	0	0.000	0
503	500	41.01	4.68	3.3	5.14	7.48	0	0	-494	1	0	0	1	1	0	0.000	0
504	501	41.09	4.88	3.4	4.86	7.07	0	0	-601	1	0	0	1	1	0	0.000	0
505	502	41.17	4.93	3.4	4.69	6.81	0	0	-639	1	0	0	1	1	0	0.000	0
506	503	41.26	4.73	3.4	4.76	6.7	0	0	-541	1	0	0	1	1	0	0.000	0
507	504	41.34	3.99	3.3	5.33	7.18	0	0	-275	1	0	0	1	1	0	0.000	0
508	505	41.42	3.15	3.2	6.27	8.85	0	0	-118	1	0	0	1	1	0	0.000	0
509	506	41.5	2.62	3.1	6.93	10.3	0	0	-67	1	0	1	1	1	0	0.000	0
510	507	41.58	2.51	3.1	6.82	10.24	0	0	-62	1	0	1	1	1	0	0.000	0
511	508	41.67	2.71	3.1	6.26	8.9	0	0	-81	1	0	1	1	1	0	0.000	0
512	509	41.75	2.9	3.2	5.9	8.26	0	0	-101	1	0	1	1	1	0	0.000	0
513	510	41.83	2.85	3.2	5.98	8.41	0	0	-95	1	0	1	1	1	0	0.000	0
514	511	41.91	2.74	3.2	6.17	8.71	0	0	-84	1	0	1	1	1	0	0.000	0
515	512	41.99	2.91	3.2	6.29	8.74	0	0	-96	1	0	1	1	1	0	0.000	0
516	513	42.08	3.1	3.2	6.41	8.82	0	0	-111	1	0	0	1	1	0	0.000	0
517	514	42.16	3.35	3.2	6.42	9.17	0	0	-137	1	0	0	1	1	0	0.000	0
518	515	42.24	3.29	3.2	6.31	8.98	0	0	-132	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	3.47	3.2	5.99	8.6	0	0	-162	1	0	0	1	1	0	0.000	0
520	517	42.4	3.61	3.2	5.74	8.11	0	0	-189	1	0	0	1	1	0	0.000	0
521	518	42.49	3.81	3.3	5.6	7.94	0	0	-228	1	0	0	1	1	0	0.000	0
522	519	42.57	3.75	3.3	5.6	7.87	0	0	-217	1	0	0	1	1	0	0.000	0
523	520	42.65	3.56	3.3	5.59	7.99	0	0	-186	1	0	0	1	1	0	0.000	0
524	521	42.73	3.3	3.2	5.53	7.91	0	0	-150	1	0	0	1	1	0	0.000	0
525	522	42.81	3.01	3.2	5.35	7.73	0	0	-120	1	0	0	1	1	0	0.000	0
526	523	42.9	2.9	3.2	5.06	7.43	0	0	-114	1	0	1	1	1	0	0.000	0
527	524	42.98	2.85	3.3	4.75	6.94	0	0	-113	1	0	1	1	1	0	0.000	0
528	525	43.06	2.89	3.3	4.53	6.51	0	0	-121	1	0	1	1	1	0	0.000	0
529	526	43.14	2.91	3.3	4.48	6.4	0	0	-124	1	0	1	1	1	0	0.000	0
530	527	43.22	2.99	3.3	4.54	6.52	0	0	-132	1	0	1	1	1	0	0.000	0
531	528	43.31	3.12	3.3	4.63	6.65	0	0	-146	1	0	0	1	1	0	0.000	0
532	529	43.39	3.34	3.3	4.7	6.77	0	0	-174	1	0	0	1	1	0	0.000	0
533	530	43.47	3.65	3.3	4.75	6.94	0	0	-225	1	0	0	1	1	0	0.000	0
534	531	43.55	3.96	3.3	4.75	7	0	0	-291	1	0	0	1	1	0	0.000	0
535	532	43.63	4.28	3.4	4.69	6.97	0	0	-380	1	0	0	1	1	0	0.000	0
536	533	43.72	4.39	3.4	4.56	6.85	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
537	534	43.8	4.44	3.4	4.37	6.7	0	0	-[illegible]51	1	0	0	1	1	0	0.000	0
538	535	43.88	4.28	3.4	4.15	6.4	0	0	-4[illegible]7	1	0	0	1	1	0	0.000	0
539	536	43.96	4.2	3.4	3.97	6.11	0	0	-38[illegible]	1	0	0	1	1	0	0.000	0
540	537	44.04	4.16	3.4	3.86	6.01	0	0	-[illegible]82	1	0	0	1	1	0	0.000	0
541	538	44.13	4.22	3.4	3.82	5.99	0	0	-403	1	0	0	1	1	0	0.000	0
542	539	44.21	4.36	3.4	3.8	5.95	0	0	-452	1	0	0	1	1	0	0.000	0
543	540	44.29	4.43	3.4	3.89	6.04	0	0	-473	1	0	0	1	1	0	0.000	0
544	541	44.37	4.49	3.4	4.12	6.36	0	0	-484	1	0	0	1	1	0	0.000	0
545	542	44.45	4.49	3.4	4.41	6.82	0	0	-467	1	0	0	1	1	0	0.000	0
546	543	44.54	4.57	3.4	4.69	7.12	0	0	-480	1	0	0	1	1	0	0.000	0
547	544	44.62	4.79	3.4	4.88	7.5	0	0	-559	1	0	0	1	1	0	0.000	0
548	545	44.7	5.1	3.4	5	7.65	0	0	-702	1	0	0	1	1	0	0.000	0
549	546	44.78	5.42	3.4	5.05	7.68	0	0	-893	1	0	0	1	1	0	0.000	0
550	547	44.86	5.53	3.4	5.09	7.8	0	0	-967	1	0	0	1	1	0	0.000	0
551	548	44.95	5.57	3.4	5.14	7.86	0	0	-990	1	0	0	1	1	0	0.000	0
552	549	45.03	5.63	3.4	5.23	7.9	0	0	-1024	1	0	0	1	1	0	0.000	0
553	550	45.11	5.78	3.4	5.33	8.14	0	0	-1132	1	0	0	1	1	0	0.000	0
554	551	45.19	5.89	3.4	5.45	8.25	0	0	-1209	1	0	0	1	1	0	0.000	0
555	552	45.27	6	3.4	5.48	8.43	0	0	-1308	1	0	0	1	1	0	0.000	0
556	553	45.36	6.41	3.4	5.43	8.42	0	0	-1786	1	0	0	1	1	0	0.000	0
557	554	45.44	7.16	3.4	5.32	8.24	0	0	-3124	1	0	0	1	1	0	0.000	0
558	555	45.52	8.13	3.5	5.09	8.13	0	0	-6354	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	9.06	3.5	4.74	7.68	0	0	-12444	1	0	0	1	1	0	0.000	0
560	557	45.69	9.79	3.6	4.3	7.07	0	0	-21158	1	0	0	1	1	0	0.000	0
561	558	45.77	10.37	3.7	3.89	6.61	0	0	-32120	1	0	0	1	1	0	0.000	0
562	559	45.85	10.77	3.7	3.55	6.13	0	0	-42858	1	0	0	1	1	0	0.000	0
563	560	45.93	10.98	3.7	3.29	5.76	0	0	-50206	1	0	0	1	1	0	0.000	0
564	561	46.01	10.38	3.7	3.26	5.64	0	0	-34688	1	0	0	1	1	0	0.000	0
565	562	46.1	9.18	3.7	3.54	6.02	0	0	-15551	1	0	0	1	1	0	0.000	0
566	563	46.18	8.24	3.6	3.97	6.85	0	0	-7887	1	0	0	1	1	0	0.000	0
567	564	46.26	7.45	3.5	4.43	7.31	0	0	-4314	1	0	0	1	1	0	0.000	0
568	565	46.34	6.96	3.5	4.84	7.8	0	0	-2888	1	0	0	1	1	0	0.000	0
569	566	46.42	6.51	3.4	5.26	8.42	0	0	-1969	1	0	0	1	1	0	0.000	0
570	567	46.51	6.38	3.4	5.69	8.89	0	0	-1683	1	0	0	1	1	0	0.000	0
571	568	46.59	6.33	3.4	6.07	9.38	0	0	-1531	1	0	0	1	1	0	0.000	0
572	569	46.67	6.44	3.4	6.24	9.81	0	0	-1617	1	0	0	1	1	0	0.000	0
573	570	46.75	6.57	3.4	6.17	9.52	0	0	-1799	1	0	0	1	1	0	0.000	0
574	571	46.83	6.94	3.4	5.77	9.22	0	0	-2501	1	0	0	1	1	0	0.000	0
575	572	46.92	7.47	3.5	5.2	8.38	0	0	-3957	1	0	0	1	1	0	0.000	0
576	573	47	8.46	3.5	4.54	7.48	0	0	-6[illegible]46	1	0	0	1	1	0	0.000	0
577	574	47.08	9.45	3.6	4.1	6.72	0	0	-17[illegible]96	1	0	0	1	1	0	0.000	0
578	575	47.16	10.34	3.7	3.84	6.76	0	0	-317[illegible]3	1	0	0	1	1	0	0.000	0
579	576	47.24	10.39	3.7	3.87	6.53	0	0	-32602	1	0	0	1	1	0	0.000	0
580	577	47.33	9.39	3.6	4.26	6.87	0	0	-1[illegible]10	1	0	0	1	1	0	0.000	0
581	578	47.41	7.6	3.5	5.27	8.3	0	0	-4294	1	0	0	1	1	0	0.000	0
582	579	47.49	6.59	3.4	6.19	10.46	0	0	-1819	1	0	0	1	1	0	0.000	0
583	580	47.57	6.06	3.3	7.01	10.44	0	0	-1070	1	0	0	1	1	0	0.000	0
584	581	47.65	6.18	3.3	7.28	11.46	0	0	-1112	1	0	0	1	1	0	0.000	0
585	582	47.74	6.48	3.3	7.47	11.52	0	0	-1338	1	0	0	1	1	0	0.000	0
586	583	47.82	6.88	3.3	7.38	11.16	0	0	-1822	1	0	0	1	1	0	0.000	0
587	584	47.9	7.05	3.3	7.29	11.14	0	0	-2096	1	0	0	1	1	0	0.000	0
588	585	47.98	6.99	3.3	7.32	11.16	0	0	-1996	1	0	0	1	1	0	0.000	0
589	586	48.06	7	3.3	7.37	11.27	0	0	-1991	1	0	0	1	1	0	0.000	0
590	587	48.15	6.95	3.3	7.36	11.24	0	0	-1924	1	0	0	1	1	0	0.000	0
591	588	48.23	6.88	3.3	7.34	11.04	0	0	-1837	1	0	0	1	1	0	0.000	0
592	589	48.31	6.55	3.3	7.35	11.15	0	0	-1442	1	0	0	1	1	0	0.000	0
593	590	48.39	6.2	3.3	7.38	11.29	0	0	-1107	1	0	0	1	1	0	0.000	0
594	591	48.47	5.77	3.3	7.3	11.18	0	0	-814	1	0	0	1	1	0	0.000	0
595	592	48.56	5.41	3.3	6.92	10.82	0	0	-664	1	0	0	1	1	0	0.000	0
596	593	48.64	5.19	3.3	6.28	9.79	0	0	-624	1	0	0	1	1	0	0.000	0
597	594	48.72	4.96	3.3	5.65	8.68	0	0	-574	1	0	0	1	1	0	0.000	0
598	595	48.8	4.8	3.4	5.16	8.22	0	0	-542	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	4.85	3.4	4.88	7.69	0	0	-586	1	0	0	1	1	0	0.000	0
600	597	48.97	5.07	3.4	4.8	7.33	0	0	-704	1	0	0	1	1	0	0.000	0
601	598	49.05	5.21	3.4	5.1	7.81	0	0	-754	1	0	0	1	1	0	0.000	0
602	599	49.13	5.13	3.3	5.85	8.73	0	0	-637	1	0	0	1	1	0	0.000	0
603	600	49.21	4.79	3.3	6.7	10.2	0	0	-425	1	0	0	1	1	0	0.000	0
604	601	49.29	4.67	3.2	7.33	11.13	0	0	-345	1	0	0	1	1	0	0.000	0
605	602	49.38	4.52	3.2	7.47	11.26	0	0	-297	1	0	0	1	1	0	0.000	0
606	603	49.46	4.76	3.2	7.16	10.83	0	0	-382	1	0	0	1	1	0	0.000	0
607	604	49.54	4.81	3.3	6.9	9.98	0	0	-417	1	0	0	1	1	0	0.000	0
608	605	49.62	4.86	3.3	6.73	10.14	0	0	-447	1	0	0	1	1	0	0.000	0
609	606	49.7	4.54	3.2	6.9	10.01	0	0	-336	1	0	0	1	1	0	0.000	0
610	607	49.79	3.95	3.2	7.04	10.5	0	0	-203	1	0	0	1	1	0	0.000	0
611	608	49.87	3.54	3.2	6.88	10.72	0	0	-148	1	0	0	1	1	0	0.000	0
612	609	49.95	3.42	3.2	6.44	9.58	0	0	-145	1	0	0	1	1	0	0.000	0
613	610	50.03	3.92	3.3	5.79	8.94	0	0	-243	1	0	0	1	1	0	0.000	0
614	611	50.11	4.51	3.3	5.5	8.09	0	0	-410	1	0	0	1	1	0	0.000	0
615	612	50.2	3.08	3.2	5.63	8.13	0	0	-123	1	0	0	1	1	0	0.000	0
616	613	50.28	1.49	3.0	6.26	9.12	0	0	[illegible]	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	7.36	10.47	0	0	-5	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	8.64	12.69	0	0	4	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	9.6	14.82	0	0	-3	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

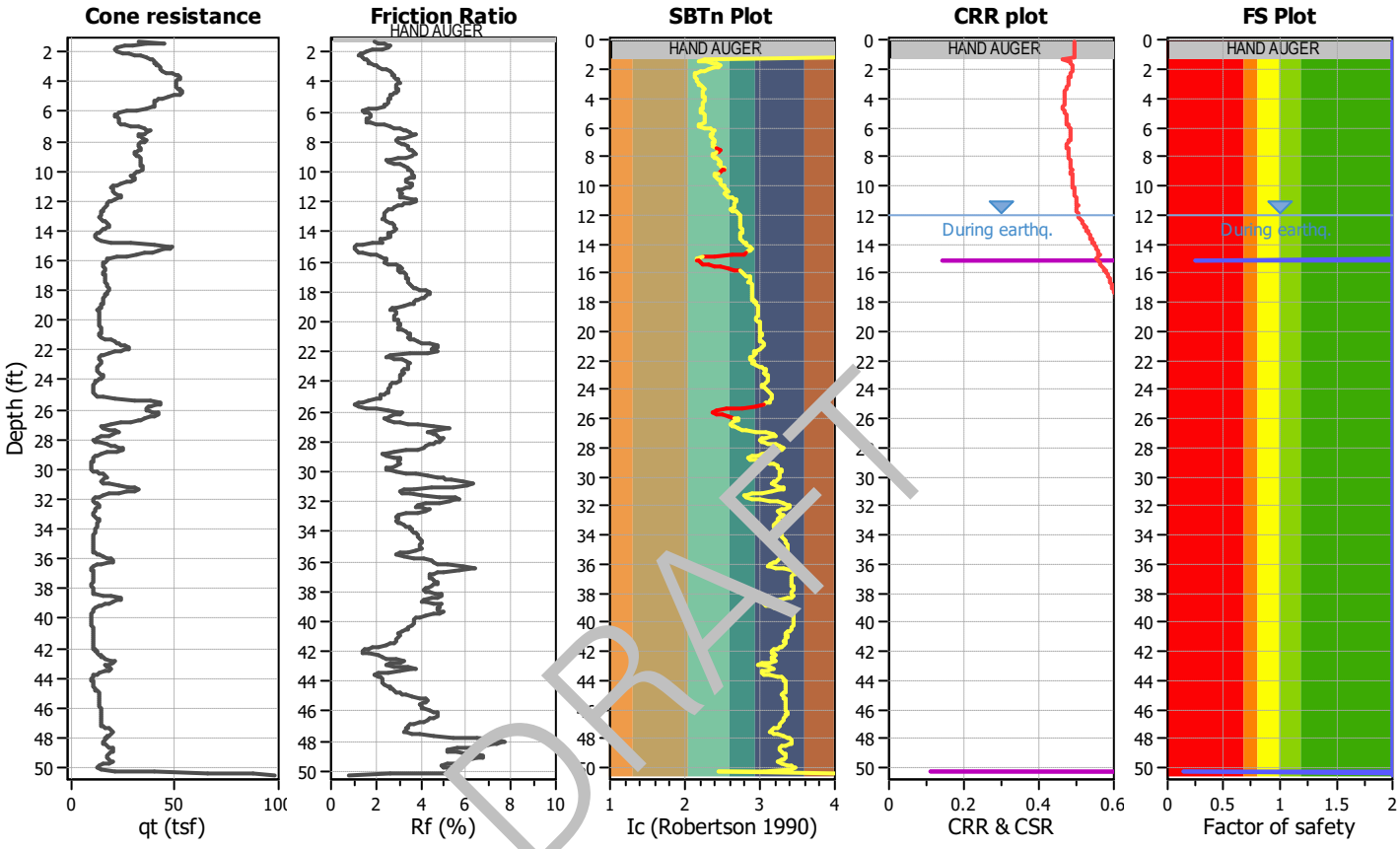
LIQUEFACTION ANALYSIS REPORT

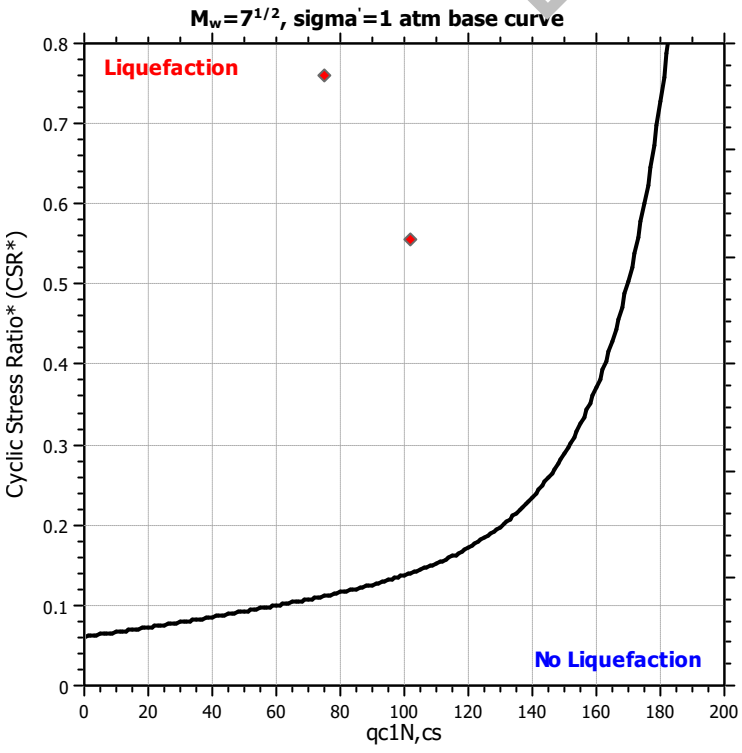
Project title : **Location :**

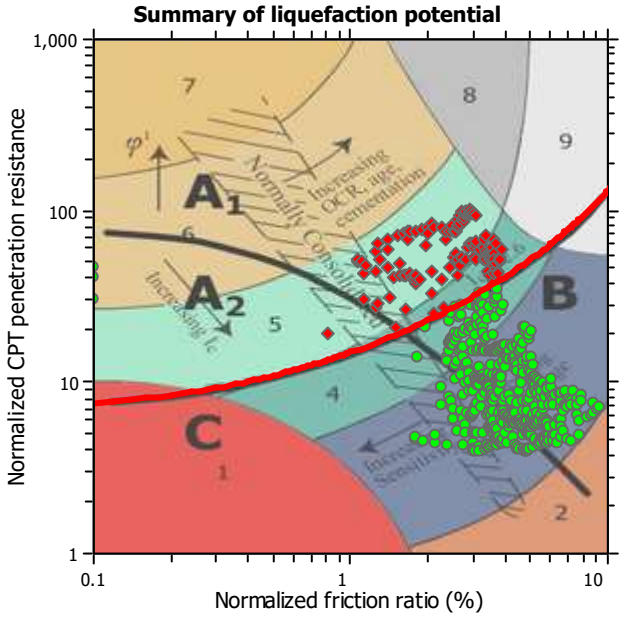
CPT file : CPT-9

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

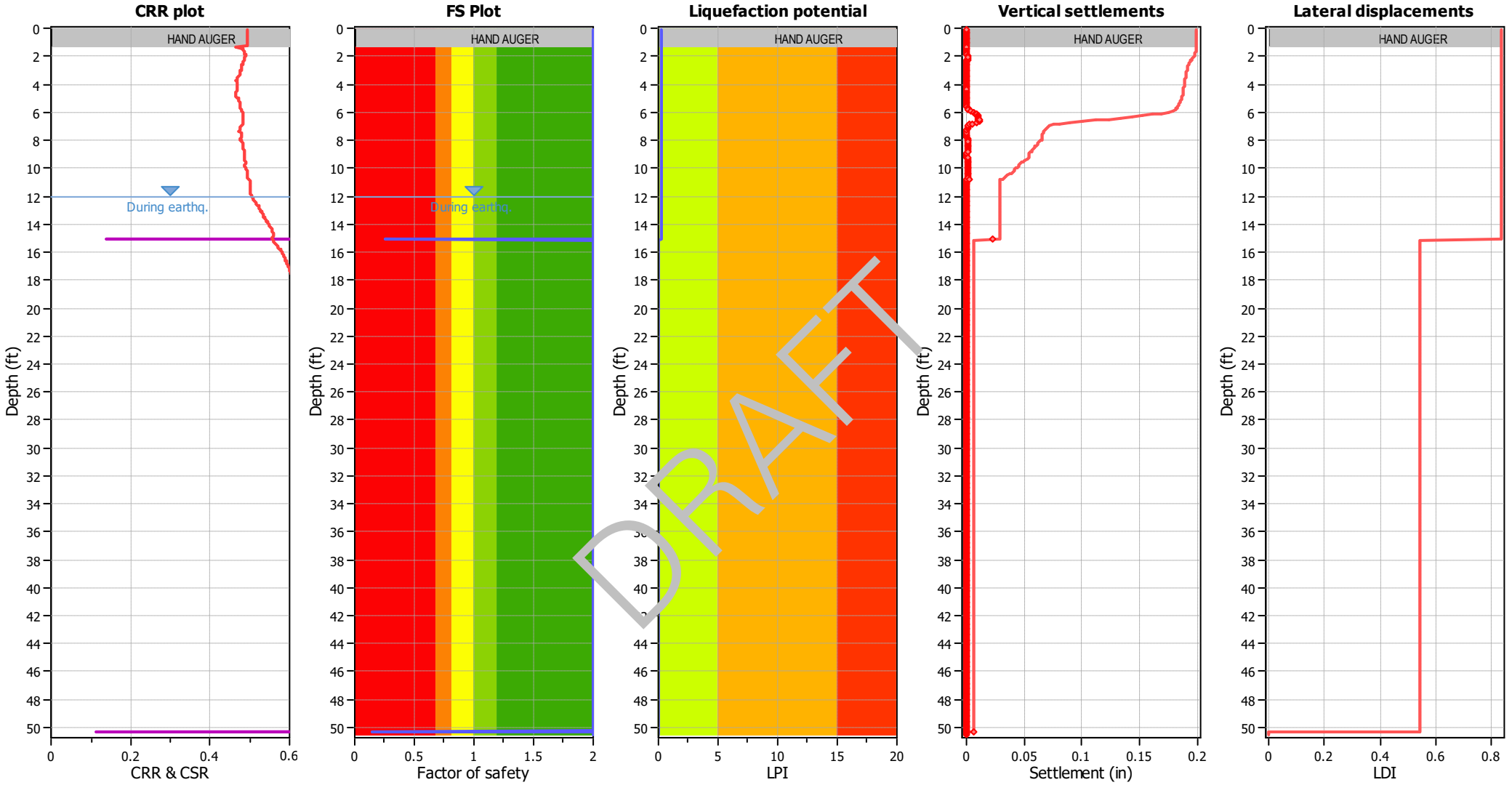






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-9, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.030	0.01
19	16	1.31	1.96	2.3	62.14	88.6	0	0	329	1	1	1	0	1	0	0.030	0.01
20	17	1.39	2.08	2.2	84.43	70.22	0	0	531	1	1	1	0	1	0	0.030	0.01
21	18	1.48	2.35	2.3	68.56	56.86	0	0	528	1	1	1	0	1	0	0.030	0.01
22	19	1.56	2.54	2.4	56.66	48.15	0	0	492	1	1	1	0	1	0	0.030	0.01
23	20	1.64	2.66	2.4	48.12	39.88	0	0	442	1	1	1	0	1	0	0.030	0.01
24	21	1.72	2.59	2.5	42.23	35.1	0	0	346	1	1	1	0	1	0	0.030	0.01
25	22	1.8	2.26	2.5	39.68	33.14	0	0	236	1	1	1	0	1	0	0.030	0.01
26	23	1.89	1.86	2.4	39.68	33.37	0	0	164	1	1	1	0	1	0	0.030	0.01
27	24	1.97	1.56	2.3	41.85	35.1	0	0	134	1	1	1	0	1	0	0.030	0.01
28	25	2.05	1.4	2.3	46.25	38.64	0	0	133	1	1	1	0	1	0	0.030	0.01
29	26	2.13	1.3	2.2	52.2	44.59	0	0	142	1	1	1	0	1	0	0.030	0.01
30	27	2.21	1.25	2.2	58.45	50.25	0	0	157	1	1	1	0	1	0	0.030	0.01
31	28	2.3	1.28	2.1	63.79	54.59	0	0	180	1	1	1	0	1	0	0.030	0.01
32	29	2.38	1.39	2.1	68.22	58.23	0	0	217	1	1	1	0	1	0	0.030	0.01
33	30	2.46	1.53	2.1	71.79	61.59	0	0	264	1	1	1	0	1	0	0.030	0.01
34	31	2.54	1.62	2.1	74.27	63.74	0	0	299	1	1	1	0	1	0	0.030	0.01
35	32	2.62	1.66	2.2	75.57	64.62	0	0	317	1	1	1	0	1	0	0.030	0.01
36	33	2.71	1.7	2.2	76.16	64.96	0	0	332	1	1	1	0	1	0	0.030	0.01
37	34	2.79	1.8	2.2	76.53	65.33	0	0	366	1	1	1	0	1	0	0.030	0.01
38	35	2.87	1.9	2.2	77.94	65.63	0	0	410	1	1	1	0	1	0	0.030	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.99	2.2	79.52	68.6	0	0	456	1	1	1	0	1	0	0.030	0.01
40	37	3.03	2.1	2.2	80.61	69.39	0	0	512	1	1	1	0	1	0	0.030	0.01
41	38	3.12	2.27	2.2	80.53	68.46	0	0	596	1	1	1	0	1	0	0.030	0.01
42	39	3.2	2.48	2.3	81.05	68.43	0	0	725	1	1	1	0	1	0	0.030	0.01
43	40	3.28	2.65	2.3	83.43	70.76	0	0	871	1	1	1	0	1	0	0.030	0.01
44	41	3.36	2.73	2.3	87.27	74.57	0	0	986	1	1	1	0	1	0	0.030	0.01
45	42	3.44	2.75	2.2	91.51	78.25	0	0	1060	1	1	1	0	1	0	0.030	0.01
46	43	3.53	2.76	2.2	95.25	81.63	0	0	1120	1	1	1	0	1	0	0.030	0.01
47	44	3.61	2.78	2.2	97.66	84.13	0	0	1173	1	1	1	0	1	0	0.030	0.01
48	45	3.69	2.82	2.2	98.83	84.43	0	0	1231	1	1	1	0	1	0	0.030	0.01
49	46	3.77	2.88	2.2	98.37	84.65	0	0	1290	1	1	1	0	1	0	0.030	0.01
50	47	3.85	2.95	2.3	97.17	82.97	0	0	1352	1	1	1	0	1	0	0.030	0.01
51	48	3.94	3.03	2.3	95.67	81.39	0	0	1423	1	1	0	0	1	0	0.030	0.01
52	49	4.02	3.06	2.3	94.96	80.87	0	0	1448	1	1	0	0	1	0	0.030	0.01
53	50	4.1	3.01	2.3	95.3	81.19	0	0	1392	1	1	0	0	1	0	0.030	0.01
54	51	4.18	2.94	2.3	95.78	82.28	0	0	1318	1	1	1	0	1	0	0.030	0.01
55	52	4.26	2.89	2.2	95.95	82.13	0	0	1265	1	1	1	0	1	0	0.030	0.01
56	53	4.35	2.89	2.2	96.01	81.66	0	0	[illegible]	1	1	1	0	1	0	0.030	0.01
57	54	4.43	2.93	2.3	96.69	82.47	0	0	1[illegible]21	1	1	1	0	1	0	0.030	0.01
58	55	4.51	2.97	2.3	98.07	83.9	0	0	13[illegible]0	1	1	1	0	1	0	0.030	0.01
59	56	4.59	2.97	2.2	99.44	85.22	0	0	1412	1	1	1	0	1	0	0.030	0.01
60	57	4.68	2.9	2.2	100.53	85.99	0	0	[illegible]46	1	1	1	0	1	0	0.030	0.01
61	58	4.76	2.81	2.2	100.17	86.71	0	0	1239	1	1	1	0	1	0	0.030	0.01
62	59	4.84	2.69	2.2	98.45	84.33	0	0	1094	1	1	1	0	1	0	0.030	0.01
63	60	4.92	2.64	2.2	93.72	81.62	0	0	989	1	1	1	0	1	0	0.030	0.01
64	61	5	2.62	2.2	88.11	74.68	0	0	905	1	1	1	0	1	0	0.030	0.01
65	62	5.09	2.63	2.3	82.69	70.03	0	0	847	1	1	1	0	1	0	0.030	0.01
66	63	5.17	2.6	2.3	79.31	67.81	0	0	785	1	1	1	0	1	0	0.030	0.01
67	64	5.25	2.54	2.3	77.43	66.01	0	0	724	1	1	1	0	1	0	0.030	0.01
68	65	5.33	2.54	2.3	75.95	65.19	0	0	707	1	1	1	0	1	0	0.030	0.01
69	66	5.41	2.54	2.3	75.81	64.01	0	0	706	1	1	1	0	1	0	0.030	0.01
70	67	5.5	2.51	2.3	75.65	65.17	0	0	686	1	1	1	0	1	0	0.030	0.01
71	68	5.58	2.43	2.3	75.72	64.12	0	0	639	1	1	1	0	1	0	0.030	0.01
72	69	5.66	2.36	2.3	75.42	63.33	0	0	598	1	1	1	0	1	0	0.030	0.01
73	70	5.74	2	2.2	73.06	63.84	0	0	416	1	1	1	0	1	0	0.030	0.01
74	71	5.82	1.68	2.2	68.06	58.49	0	0	284	1	1	1	0	1	0	0.030	0.01
75	72	5.91	1.39	2.2	58.72	51.48	0	0	180	1	1	1	0	1	0	0.030	0.01
76	73	5.99	1.54	2.3	49.58	41.13	0	0	167	1	1	1	0	1	0	0.030	0.01
77	74	6.07	1.7	2.3	42.95	35.53	0	0	159	1	1	1	0	1	0	0.030	0.01
78	75	6.15	1.77	2.4	40.01	34.6	0	0	153	1	1	1	0	1	0	0.030	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	1.8	2.4	39.43	33.64	0	0	154	1	1	1	0	1	0	0.030	0.01
80	77	6.32	1.77	2.4	39.79	34.05	0	0	152	1	1	1	0	1	0	0.030	0.01
81	78	6.4	1.72	2.4	40.87	35.52	0	0	151	1	1	1	0	1	0	0.030	0.01
82	79	6.48	1.64	2.3	41.89	36.2	0	0	145	1	1	1	0	1	0	0.030	0.01
83	80	6.56	1.62	2.3	41.82	36.23	0	0	142	1	1	1	0	1	0	0.030	0.01
84	81	6.64	1.65	2.3	41.93	34.86	0	0	146	1	1	1	0	1	0	0.030	0.01
85	82	6.73	1.8	2.4	42.2	35.84	0	0	170	1	1	1	0	1	0	0.030	0.01
86	83	6.81	2.07	2.4	43.96	36.17	0	0	230	1	1	1	0	1	0	0.030	0.01
87	84	6.89	2.42	2.4	47.31	38.11	0	0	349	1	1	1	0	1	0	0.030	0.01
88	85	6.97	2.7	2.4	53.91	42.53	0	0	532	1	1	1	0	1	0	0.030	0.01
89	86	7.05	2.87	2.4	60.89	49.78	0	0	721	1	1	1	0	1	0	0.030	0.01
90	87	7.14	3.08	2.4	66.36	52.35	0	0	962	1	1	0	0	1	0	0.030	0.01
91	88	7.22	3.32	2.4	68.07	53.34	0	0	1219	1	1	0	0	1	0	0.030	0.01
92	89	7.3	3.37	2.4	71.71	52.59	0	0	1355	1	1	0	0	1	0	0.030	0.01
93	90	7.38	3.57	2.4	68.42	58.86	0	0	1515	1	1	0	0	1	0	0.030	0.01
94	91	7.46	3.66	2.4	65.34	45.76	0	0	1544	1	1	0	0	1	0	0.030	0.01
95	92	7.55	3.84	2.5	59.82	45.38	0	0	1606	1	1	0	0	1	0	0.030	0.01
96	93	7.63	3.55	2.5	60.47	46.93	0	0	[illegible]	1	1	0	0	1	0	0.030	0.01
97	94	7.71	3.3	2.4	60.89	47.37	0	0	1[illegible]44	1	1	0	0	1	0	0.030	0.01
98	95	7.79	3.06	2.4	62.25	47.82	0	0	8[illegible]4	1	1	0	0	1	0	0.030	0.01
99	96	7.87	2.94	2.4	63.62	51.51	0	0	809	1	1	1	0	1	0	0.030	0.01
100	97	7.96	2.91	2.4	63.72	51.57	0	0	[illegible]90	1	1	1	0	1	0	0.030	0.01
101	98	8.04	3.01	2.4	61.63	48.62	0	0	826	1	1	0	0	1	0	0.030	0.01
102	99	8.12	3.17	2.4	59.02	46.53	0	0	898	1	1	0	0	1	0	0.030	0.01
103	100	8.2	3.33	2.4	57.18	45.11	0	0	988	1	1	0	0	1	0	0.030	0.01
104	101	8.28	3.44	2.5	56.44	44.06	0	0	1067	1	1	0	0	1	0	0.030	0.01
105	102	8.37	3.5	2.5	56.62	44.74	0	0	1127	1	1	0	0	1	0	0.030	0.01
106	103	8.45	3.48	2.5	57.65	45.7	0	0	1134	1	1	0	0	1	0	0.030	0.01
107	104	8.53	3.54	2.5	57.12	46.99	0	0	1179	1	1	0	0	1	0	0.030	0.01
108	105	8.61	3.62	2.5	55.73	43.69	0	0	1222	1	1	0	0	1	0	0.030	0.01
109	106	8.69	3.77	2.5	53.18	42.51	0	0	1303	1	1	0	0	1	0	0.030	0.01
110	107	8.78	3.81	2.5	51.77	40.88	0	0	1300	1	1	0	0	1	0	0.030	0.01
111	108	8.86	3.79	2.5	51.08	40.56	0	0	1256	1	1	0	0	1	0	0.030	0.01
112	109	8.94	3.62	2.5	51.79	41.27	0	0	1110	1	1	0	0	1	0	0.030	0.01
113	110	9.02	3.36	2.5	52.68	43.36	0	0	912	1	1	0	0	1	0	0.030	0.01
114	111	9.1	3.03	2.4	53.22	43.87	0	0	697	1	1	0	0	1	0	0.030	0.01
115	112	9.19	2.68	2.4	53	44.02	0	0	511	1	1	1	0	1	0	0.030	0.01
116	113	9.27	2.53	2.4	52.74	44.39	0	0	445	1	1	1	0	1	0	0.030	0.01
117	114	9.35	2.59	2.4	52.55	44.13	0	0	467	1	1	1	0	1	0	0.030	0.01
118	115	9.43	2.81	2.4	52.18	43.58	0	0	561	1	1	1	0	1	0	0.030	0.01

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	3.08	2.5	51.98	42.89	0	0	705	1	1	0	0	1	0	0.030	0.01
120	117	9.6	3.31	2.5	52.07	42.99	0	0	861	1	1	0	0	1	0	0.030	0.01
121	118	9.68	3.45	2.5	52.62	43.39	0	0	983	1	1	0	0	1	0	0.030	0.01
122	119	9.76	3.47	2.5	53.29	44.22	0	0	1016	1	1	0	0	1	0	0.030	0.01
123	120	9.84	3.51	2.5	52.9	44.92	0	0	1041	1	1	0	0	1	0	0.030	0.01
124	121	9.92	3.59	2.5	51.4	42.69	0	0	1072	1	1	0	0	1	0	0.030	0.01
125	122	10.01	3.66	2.5	49.2	40.67	0	0	1072	1	1	0	0	1	0	0.030	0.01
126	123	10.09	3.62	2.5	47.42	39.66	0	0	987	1	1	0	0	1	0	0.030	0.01
127	124	10.17	3.63	2.5	45.75	38.66	0	0	948	1	1	0	0	1	0	0.030	0.01
128	125	10.25	3.72	2.6	43.84	36.8	0	0	963	1	1	0	0	1	0	0.030	0.01
129	126	10.33	3.73	2.6	42.81	35.01	0	0	939	1	1	0	0	1	0	0.030	0.01
130	127	10.42	3.63	2.6	43.05	36.3	0	0	871	1	1	0	0	1	0	0.030	0.01
131	128	10.5	3.44	2.5	43.93	37.85	0	0	763	1	1	0	0	1	0	0.030	0.01
132	129	10.58	3.38	2.5	43.81	37.9	0	0	723	1	1	0	0	1	0	0.030	0.01
133	130	10.66	3.45	2.6	41.61	36.39	0	0	713	1	1	0	0	1	0	0.030	0.01
134	131	10.74	3.58	2.6	38.19	32.37	0	0	702	1	1	0	0	1	0	0.030	0.01
135	132	10.83	3.72	2.6	34.4	29.22	0	0	673	1	0	0	0	1	0	0.030	0.01
136	133	10.91	3.71	2.7	31.21	26.78	0	0	670	1	0	0	0	1	0	0.030	0.01
137	134	10.99	3.66	2.7	28.84	24.41	0	0	677	1	0	0	0	1	0	0.030	0.01
138	135	11.07	3.47	2.7	27.56	23.37	0	0	3[illegible]5	1	0	0	0	1	0	0.030	0.01
139	136	11.15	3.26	2.7	27.69	23.83	0	0	317	1	0	0	0	1	0	0.030	0.01
140	137	11.24	3.13	2.7	27.81	25.09	0	0	286	1	0	0	0	1	0	0.030	0.01
141	138	11.32	3.14	2.7	27.57	23.99	0	0	283	1	0	0	0	1	0	0.030	0.01
142	139	11.4	3.19	2.7	27.42	23.33	0	0	293	1	0	0	0	1	0	0.030	0.01
143	140	11.48	3.22	2.7	28.79	24.81	0	0	328	1	0	0	0	1	0	0.030	0.01
144	141	11.56	3.14	2.6	31.14	27.67	0	0	351	1	0	0	0	1	0	0.030	0.01
145	142	11.65	3.2	2.6	32.55	29.76	0	0	397	1	0	0	0	1	0	0.030	0.01
146	143	11.73	3.35	2.6	32.28	28.68	0	0	445	1	0	0	0	1	0	0.030	0.01
147	144	11.81	3.69	2.7	30.15	27.02	0	0	529	1	0	0	0	1	0	0.030	0.01
148	145	11.89	3.91	2.7	27.7	24.05	0	0	547	1	0	0	0	1	0	0.030	0.01
149	146	11.97	3.89	2.7	25.55	22.29	0	0	462	1	0	0	0	1	0	0.030	0.01
150	147	12.06	3.67	2.8	24.1	21.57	0	0	342	1	0	0	0	1	0	0.030	0.01
151	148	12.14	3.42	2.7	22.95	20.53	0	0	250	1	0	0	0	1	0	0.030	0.01
152	149	12.22	3.25	2.7	22.04	19.52	0	0	197	1	0	0	0	1	0	0.030	0.01
153	150	12.3	3.11	2.7	21.52	19.35	0	0	165	1	0	0	0	1	0	0.030	0.01
154	151	12.38	2.98	2.7	21	19.29	0	0	139	1	0	1	0	1	0	0.030	0.01
155	152	12.47	2.83	2.7	20.35	18.3	0	0	113	1	0	1	0	1	0	0.030	0.01
156	153	12.55	2.64	2.7	19.41	17.83	0	0	84	1	0	1	0	1	0	0.030	0.01
157	154	12.63	2.55	2.7	18.64	17.01	0	0	69	1	0	1	1	1	0	0.030	0.01
158	155	12.71	2.5	2.7	18.16	16.41	0	0	61	1	0	1	1	1	0	0.030	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	2.5	2.8	17.84	16.69	0	0	57	1	0	1	1	1	0	0.030	0.01
160	157	12.88	2.46	2.8	17.51	16.19	0	0	52	1	0	1	1	1	0	0.030	0.01
161	158	12.96	2.47	2.8	16.91	15.57	0	0	46	1	0	1	1	1	0	0.030	0.01
162	159	13.04	2.47	2.8	16.52	15.05	0	0	42	1	0	1	1	1	0	0.030	0.01
163	160	13.12	2.45	2.8	16.64	15.14	0	0	43	1	0	1	1	1	0	0.030	0.01
164	161	13.21	2.46	2.8	17.34	15.96	0	0	50	1	0	1	1	1	0	0.030	0.01
165	162	13.29	2.59	2.8	18.19	17.02	0	0	66	1	0	1	1	1	0	0.030	0.01
166	163	13.37	2.76	2.8	19.18	17.5	0	0	90	1	0	1	0	1	0	0.030	0.01
167	164	13.45	2.89	2.8	19.93	18.75	0	0	113	1	0	1	0	1	0	0.030	0.01
168	165	13.53	2.95	2.7	20.61	19.25	0	0	129	1	0	1	0	1	0	0.030	0.01
169	166	13.62	2.94	2.7	20.99	19.59	0	0	134	1	0	1	0	1	0	0.030	0.01
170	167	13.7	2.97	2.7	20.97	20.01	0	0	138	1	0	1	0	1	0	0.030	0.01
171	168	13.78	3.02	2.8	20.06	19.29	0	0	128	1	0	0	0	1	0	0.030	0.01
172	169	13.86	3.06	2.8	18.51	17.18	0	0	106	1	0	0	0	1	0	0.030	0.01
173	170	13.94	2.95	2.8	17	15.83	0	0	72	1	0	1	1	1	0	0.030	0.01
174	171	14.03	2.77	2.8	15.84	15.25	0	0	46	1	0	1	1	1	0	0.030	0.01
175	172	14.11	2.68	2.8	14.91	14.06	0	0	30	1	0	1	1	1	0	0.030	0.01
176	173	14.19	2.77	2.9	13.82	13.26	0	0	18	1	0	1	1	1	0	0.030	0.01
177	174	14.27	2.84	2.9	12.99	12.21	0	0	7	1	0	1	1	1	0	0.030	0.01
178	175	14.35	2.82	2.9	12.46	11.75	0	0	1	1	0	1	1	1	0	0.030	0.01
179	176	14.44	2.58	2.9	12.66	11.87	0	0	2	1	0	1	1	1	0	0.030	0.01
180	177	14.52	2.4	2.8	13.26	12.88	0	0	7	1	0	1	1	1	0	0.030	0.01
181	178	14.6	2.39	2.8	14.01	13.49	0	0	15	1	0	1	1	1	0	0.030	0.01
182	179	14.68	2.43	2.8	15.15	13.99	0	0	27	1	0	1	1	1	0	0.030	0.01
183	180	14.76	1.94	2.6	20.86	16.12	0	0	54	1	0	1	1	1	0	0.030	0.01
184	181	14.85	1.42	2.4	31.21	29.76	0	0	75	1	1	1	1	1	0	0.030	0.01
185	182	14.93	1.13	2.2	42.86	44.16	0	0	93	1	1	1	0	1	0	0.030	0.01
186	183	15.01	1.06	2.2	49.95	50.69	0	0	107	1	1	1	0	1	0	0.030	0.01
187	184	15.09	1.07	2.2	51.69	51.14	0.02	0.29	113	1	1	1	0	1	0	0.030	0.01
188	185	15.17	1.1	2.2	50.17	49.6	0	0	112	1	1	1	0	1	0	0.010	0.01
189	186	15.26	1.14	2.2	47.49	46.44	0	0	108	1	1	1	0	1	0	0.010	0.01
190	187	15.34	1.25	2.3	44.37	43.43	0	0	109	1	1	1	0	1	0	0.010	0.01
191	188	15.42	1.48	2.3	41.31	40.49	0	0	122	1	1	1	0	1	0	0.010	0.01
192	189	15.5	1.78	2.4	37.54	37.35	0	0	141	1	1	1	0	1	0	0.010	0.01
193	190	15.58	2.05	2.5	33.11	32.33	0	0	148	1	1	1	0	1	0	0.010	0.01
194	191	15.67	2.3	2.6	27.54	27.63	0	0	135	1	1	1	0	1	0	0.010	0.01
195	192	15.75	2.43	2.7	22.52	21.33	0	0	101	1	0	1	0	1	0	0.010	0.01
196	193	15.83	2.56	2.7	18.99	17.96	0	0	74	1	0	1	1	1	0	0.010	0.01
197	194	15.91	2.55	2.8	17.46	17.55	0	0	56	1	0	1	1	1	0	0.010	0.01
198	195	15.99	2.49	2.8	16.92	16.98	0	0	47	1	0	1	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	2.54	2.8	16.17	16.43	0	0	41	1	0	1	1	1	0	0.010	0.01
200	197	16.16	2.71	2.8	15.46	15.33	0	0	38	1	0	1	1	1	0	0.010	0.01
201	198	16.24	3.1	2.9	14.91	14.87	0	0	44	1	0	0	1	1	0	0.010	0.01
202	199	16.32	3.31	2.9	14.9	14.71	0	0	52	1	0	0	1	1	0	0.010	0.01
203	200	16.4	3.32	2.9	15.2	15.23	0	0	59	1	0	0	1	1	0	0.010	0.01
204	201	16.49	3.18	2.9	15.56	15.69	0	0	60	1	0	0	1	1	0	0.010	0.01
205	202	16.57	3.16	2.9	15.54	15.86	0	0	58	1	0	0	1	1	0	0.010	0.01
206	203	16.65	3.28	2.9	15.31	15.29	0	0	60	1	0	0	1	1	0	0.010	0.01
207	204	16.73	3.48	2.9	15.03	15.14	0	0	64	1	0	0	1	1	0	0.010	0.01
208	205	16.81	3.56	2.9	14.91	15.13	0	0	65	1	0	0	1	1	0	0.010	0.01
209	206	16.9	3.56	2.9	14.96	15.07	0	0	66	1	0	0	1	1	0	0.010	0.01
210	207	16.98	3.55	2.9	15.02	15.39	0	0	67	1	0	0	1	1	0	0.010	0.01
211	208	17.06	3.59	2.9	15.1	15.4	0	0	72	1	0	0	1	1	0	0.010	0.01
212	209	17.14	3.66	2.9	15.12	15.37	0	0	77	1	0	0	1	1	0	0.010	0.01
213	210	17.22	3.67	2.9	15.22	15.5	0	0	80	1	0	0	0	1	0	0.010	0.01
214	211	17.31	3.67	2.9	15.36	15.79	0	0	84	1	0	0	0	1	0	0.010	0.01
215	212	17.39	3.68	2.9	15.45	15.89	0	0	88	1	0	0	0	1	0	0.010	0.01
216	213	17.47	3.72	2.9	15.48	15.87	0	0	92	1	0	0	0	1	0	0.010	0.01
217	214	17.55	3.78	2.9	15.5	15.97	0	0	97	1	0	0	0	1	0	0.010	0.01
218	215	17.63	3.84	2.9	15.72	16.05	0	0	109	1	0	0	0	1	0	0.010	0.01
219	216	17.72	3.9	2.9	16	16.61	0	0	125	1	0	0	0	1	0	0.010	0.01
220	217	17.8	4.01	2.9	16.26	16.87	0	0	147	1	0	0	0	1	0	0.010	0.01
221	218	17.88	4.22	2.9	16.33	16.93	0	0	178	1	0	0	0	1	0	0.010	0.01
222	219	17.96	4.48	2.9	16.23	16.98	0	0	213	1	0	0	0	1	0	0.010	0.01
223	220	18.04	4.65	3.0	15.97	16.77	0	0	228	1	0	0	0	1	0	0.010	0.01
224	221	18.13	4.66	3.0	15.62	16.31	0	0	206	1	0	0	0	1	0	0.010	0.01
225	222	18.21	4.58	3.0	15.16	16.05	0	0	165	1	0	0	0	1	0	0.010	0.01
226	223	18.29	4.51	3.0	14.6	15.44	0	0	123	1	0	0	0	1	0	0.010	0.01
227	224	18.37	4.41	3.0	14.07	14.7	0	0	85	1	0	0	0	1	0	0.010	0.01
228	225	18.45	4.32	3.0	13.73	14.48	0	0	62	1	0	0	1	1	0	0.010	0.01
229	226	18.54	4.17	3.0	13.62	14.45	0	0	50	1	0	0	1	1	0	0.010	0.01
230	227	18.62	4.05	3.0	13.52	14.41	0	0	41	1	0	0	1	1	0	0.010	0.01
231	228	18.7	3.96	3.0	13.32	14.23	0	0	31	1	0	0	1	1	0	0.010	0.01
232	229	18.78	3.93	3.0	12.99	13.87	0	0	18	1	0	0	1	1	0	0.010	0.01
233	230	18.86	3.82	3.0	12.66	13.49	0	0	5	1	0	0	1	1	0	0.010	0.01
234	231	18.95	3.55	3.0	12.39	13.29	0	0	-3	1	0	0	1	1	0	0.010	0.01
235	232	19.03	3.15	2.9	12.06	13.15	0	0	-8	1	0	0	1	1	0	0.010	0.01
236	233	19.11	2.91	2.9	11.67	12.59	0	0	-13	1	0	1	1	1	0	0.010	0.01
237	234	19.19	2.91	3.0	11.11	12.18	0	0	-21	1	0	1	1	1	0	0.010	0.01
238	235	19.27	3.08	3.0	10.72	11.49	0	0	-32	1	0	0	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	3.2	3.0	10.5	11.43	0	0	-40	1	0	0	1	1	0	0.010	0.01
240	237	19.44	3.18	3.0	10.51	11.48	0	0	-39	1	0	0	1	1	0	0.010	0.01
241	238	19.52	3.13	3.0	10.5	11.48	0	0	-37	1	0	0	1	1	0	0.010	0.01
242	239	19.6	3.1	3.0	10.44	11.39	0	0	-37	1	0	0	1	1	0	0.010	0.01
243	240	19.68	3.07	3.0	10.4	11.32	0	0	-37	1	0	0	1	1	0	0.010	0.01
244	241	19.77	3.05	3.0	10.37	11.39	0	0	-37	1	0	0	1	1	0	0.010	0.01
245	242	19.85	3.11	3.0	10.3	11.33	0	0	-40	1	0	0	1	1	0	0.010	0.01
246	243	19.93	3.23	3.0	10.25	11.15	0	0	-46	1	0	0	1	1	0	0.010	0.01
247	244	20.01	3.3	3.0	10.28	11.33	0	0	-48	1	0	0	1	1	0	0.010	0.01
248	245	20.09	3.31	3.0	10.29	11.52	0	0	-48	1	0	0	1	1	0	0.010	0.01
249	246	20.18	3.33	3.0	10.23	11.31	0	0	-50	1	0	0	1	1	0	0.010	0.01
250	247	20.26	3.35	3.0	10.19	11.23	0	0	-52	1	0	0	1	1	0	0.010	0.01
251	248	20.34	3.29	3.0	10.4	11.42	0	0	-45	1	0	0	1	1	0	0.010	0.01
252	249	20.42	3.22	3.0	10.69	11.94	0	0	-36	1	0	0	1	1	0	0.010	0.01
253	250	20.5	3.3	3.0	10.96	12.17	0	0	-33	1	0	0	1	1	0	0.010	0.01
254	251	20.59	3.44	3.0	11.13	12.32	0	0	-33	1	0	0	1	1	0	0.010	0.01
255	252	20.67	3.62	3.0	11.04	12.53	0	0	-41	1	0	0	1	1	0	0.010	0.01
256	253	20.75	3.72	3.0	10.83	11.95	0	0	-51	1	0	0	1	1	0	0.010	0.01
257	254	20.83	3.86	3.0	10.56	11.81	0	0	-67	1	0	0	1	1	0	0.010	0.01
258	255	20.92	3.86	3.0	10.51	11.77	0	0	-69	1	0	0	1	1	0	0.010	0.01
259	256	21	3.81	3.0	10.39	11.85	0	0	-70	1	0	0	1	1	0	0.010	0.01
260	257	21.08	3.75	3.0	10.4	11.5	0	0	-66	1	0	0	1	1	0	0.010	0.01
261	258	21.16	3.84	3.0	10.81	11.83	0	0	-57	1	0	0	1	1	0	0.010	0.01
262	259	21.24	3.98	3.0	12.29	13.22	0	0	-8	1	0	0	1	1	0	0.010	0.01
263	260	21.33	4.11	3.0	14.25	16.26	0	0	74	1	0	0	1	1	0	0.010	0.01
264	261	21.41	4.32	2.9	16.08	18.3	0	0	180	1	0	0	0	1	0	0.010	0.01
265	262	21.49	4.68	2.9	16.97	19.5	0	0	300	1	0	0	0	1	0	0.010	0.01
266	263	21.57	4.98	2.9	17.56	19.56	0	0	431	1	0	0	0	1	0	0.010	0.01
267	264	21.65	5.01	2.9	18.48	20.5	0	0	521	1	0	0	0	1	0	0.010	0.01
268	265	21.74	4.8	2.9	19.88	22.61	0	0	545	1	0	0	0	1	0	0.010	0.01
269	266	21.82	4.71	2.9	20.88	24.26	0	0	576	1	0	0	0	1	0	0.010	0.01
270	267	21.9	4.81	2.9	20.9	23.94	0	0	626	1	0	0	0	1	0	0.010	0.01
271	268	21.98	5.02	2.9	19.59	22.84	0	0	623	1	0	0	0	1	0	0.010	0.01
272	269	22.06	4.56	2.9	17.66	20.15	0	0	315	1	0	0	0	1	0	0.010	0.01
273	270	22.15	3.76	2.9	15.19	17.72	0	0	85	1	0	0	0	1	0	0.010	0.01
274	271	22.23	2.83	2.9	12.94	14.79	0	0	6	1	0	1	1	1	0	0.010	0.01
275	272	22.31	2.71	2.9	11.04	12.78	0	0	-19	1	0	1	1	1	0	0.010	0.01
276	273	22.39	2.92	3.0	10	11.46	0	0	-39	1	0	1	1	1	0	0.010	0.01
277	274	22.47	3.14	3.0	9.5	11.29	0	0	-56	1	0	0	1	1	0	0.010	0.01
278	275	22.56	3.45	3.1	9.41	11.06	0	0	-76	1	0	0	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	3.71	3.1	9.52	11.08	0	0	-91	1	0	0	1	1	0	0.010	0.01
280	277	22.72	3.84	3.1	9.71	11.66	0	0	-95	1	0	0	1	1	0	0.010	0.01
281	278	22.8	3.79	3.1	9.88	11.7	0	0	-85	1	0	0	1	1	0	0.010	0.01
282	279	22.88	3.76	3.1	9.72	11.69	0	0	-88	1	0	0	1	1	0	0.010	0.01
283	280	22.97	3.79	3.1	9.4	11.19	0	0	-101	1	0	0	1	1	0	0.010	0.01
284	281	23.05	3.82	3.1	8.94	10.65	0	0	-119	1	0	0	1	1	0	0.010	0.01
285	282	23.13	3.81	3.1	8.51	10.2	0	0	-132	1	0	0	1	1	0	0.010	0.01
286	283	23.21	3.65	3.1	8.2	9.79	0	0	-125	1	0	0	1	1	0	0.010	0.01
287	284	23.29	3.55	3.1	8.05	9.6	0	0	-119	1	0	0	1	1	0	0.010	0.01
288	285	23.38	3.54	3.1	8.03	9.71	0	0	-118	1	0	0	1	1	0	0.010	0.01
289	286	23.46	3.61	3.1	8.26	9.71	0	0	-119	1	0	0	1	1	0	0.010	0.01
290	287	23.54	3.54	3.1	8.9	10.37	0	0	-95	1	0	0	1	1	0	0.010	0.01
291	288	23.62	3.42	3.0	9.66	11.85	0	0	-68	1	0	0	1	1	0	0.010	0.01
292	289	23.7	3.35	3.0	10.11	12.26	0	0	-54	1	0	0	1	1	0	0.010	0.01
293	290	23.79	3.38	3.0	9.87	12.02	0	0	-61	1	0	0	1	1	0	0.010	0.01
294	291	23.87	3.42	3.1	9.34	11.24	0	0	-75	1	0	0	1	1	0	0.010	0.01
295	292	23.95	3.38	3.1	8.68	10.69	0	0	-88	1	0	0	1	1	0	0.010	0.01
296	293	24.03	3.25	3.1	8.06	9.93	0	0	-92	1	0	0	1	1	0	0.010	0.01
297	294	24.11	3.11	3.1	7.45	9.18	0	0	-93	1	0	0	1	1	0	0.010	0.01
298	295	24.2	3.04	3.1	7.03	8.54	0	0	-94	1	0	0	1	1	0	0.010	0.01
299	296	24.28	3.05	3.1	6.76	8.38	0	0	-100	1	0	0	1	1	0	0.010	0.01
300	297	24.36	3	3.2	6.61	8.13	0	0	-98	1	0	0	1	1	0	0.010	0.01
301	298	24.44	2.99	3.2	6.44	7.92	0	0	-100	1	0	1	1	1	0	0.010	0.01
302	299	24.52	2.95	3.2	6.33	7.77	0	0	-99	1	0	1	1	1	0	0.010	0.01
303	300	24.61	2.97	3.2	6.3	7.73	0	0	-101	1	0	1	1	1	0	0.010	0.01
304	301	24.69	2.96	3.2	6.35	7.8	0	0	-99	1	0	1	1	1	0	0.010	0.01
305	302	24.77	2.85	3.1	6.48	7.94	0	0	-88	1	0	1	1	1	0	0.010	0.01
306	303	24.85	2.71	3.1	6.66	8.16	0	0	-76	1	0	1	1	1	0	0.010	0.01
307	304	24.93	2.52	3.1	6.91	8.43	0	0	-61	1	0	1	1	1	0	0.010	0.01
308	305	25.02	2.46	3.1	7.29	8.85	0	0	-54	1	0	1	1	1	0	0.010	0.01
309	306	25.1	2.46	3.0	7.73	9.46	0	0	-50	1	0	1	1	1	0	0.010	0.01
310	307	25.18	2.24	3.0	9.43	9.95	0	0	-26	1	0	1	1	1	0	0.010	0.01
311	308	25.26	1.81	2.8	13.9	14.6	0	0	8	1	0	1	1	1	0	0.010	0.01
312	309	25.34	1.48	2.6	20.8	24.73	0	0	35	1	1	1	1	1	0	0.010	0.01
313	310	25.43	1.25	2.4	27.08	32.71	0	0	50	1	1	1	1	1	0	0.010	0.01
314	311	25.51	1.13	2.4	30.26	35.13	0	0	54	1	1	1	1	1	0	0.010	0.01
315	312	25.59	1.12	2.4	30.35	35.13	0	0	54	1	1	1	1	1	0	0.010	0.01
316	313	25.67	1.27	2.4	28.73	33.07	0	0	57	1	1	1	1	1	0	0.010	0.01
317	314	25.75	1.63	2.5	26.71	30.41	0	0	69	1	1	1	1	1	0	0.010	0.01
318	315	25.84	2.12	2.6	25.08	29.34	0	0	96	1	1	1	0	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	2.69	2.7	24.35	28.54	0	0	151	1	0	1	0	1	0	0.010	0.01
320	317	26	3.13	2.7	24.03	28.74	0	0	215	1	0	0	0	1	0	0.010	0.01
321	318	26.08	3.28	2.7	24.95	28.81	0	0	264	1	0	0	0	1	0	0.010	0.01
322	319	26.16	3.17	2.7	26.62	31.89	0	0	273	1	0	0	0	1	0	0.010	0.01
323	320	26.25	2.93	2.6	28.17	34.37	0	0	246	1	0	1	0	1	0	0.010	0.01
324	321	26.33	2.71	2.6	28.26	33.88	0	0	204	1	0	1	0	1	0	0.010	0.01
325	322	26.41	2.55	2.6	27.08	32.01	0	0	164	1	0	1	0	1	0	0.010	0.01
326	323	26.49	2.48	2.6	25.3	30.28	0	0	135	1	0	1	0	1	0	0.010	0.01
327	324	26.57	2.64	2.7	23.67	27.87	0	0	136	1	0	1	0	1	0	0.010	0.01
328	325	26.66	2.92	2.7	22.3	26.78	0	0	152	1	0	1	0	1	0	0.010	0.01
329	326	26.74	3.27	2.8	20.92	26.01	0	0	177	1	0	0	0	1	0	0.010	0.01
330	327	26.82	3.59	2.8	18.5	23.59	0	0	165	1	0	0	0	1	0	0.010	0.01
331	328	26.9	4.16	2.9	15	18.84	0	0	110	1	0	0	0	1	0	0.010	0.01
332	329	26.98	4.97	3.1	11.7	13.64	0	0	-68	1	0	0	1	1	0	0.010	0.01
333	330	27.07	5.81	3.2	9.42	11.86	0	0	-497	1	0	0	1	1	0	0.010	0.01
334	331	27.15	5.81	3.2	8.72	10.81	0	0	-610	1	0	0	1	1	0	0.010	0.01
335	332	27.23	5.22	3.2	9.46	11.17	0	0	-312	1	0	0	1	1	0	0.010	0.01
336	333	27.31	4.75	3.1	11.2	14.41	0	0	[illegible]	1	0	0	1	1	0	0.010	0.01
337	334	27.39	4.74	3.0	13.11	16.93	0	0	43	1	0	0	1	1	0	0.010	0.01
338	335	27.48	4.91	3.0	14.08	17.99	0	0	17	1	0	0	0	1	0	0.010	0.01
339	336	27.56	5.02	3.0	13.85	17.96	0	0	119	1	0	0	0	1	0	0.010	0.01
340	337	27.64	5.11	3.1	12.61	16.24	0	0	10	1	0	0	1	1	0	0.010	0.01
341	338	27.72	5.26	3.1	10.7	13.68	0	0	-191	1	0	0	1	1	0	0.010	0.01
342	339	27.8	5.58	3.2	8.76	11.22	0	0	-507	1	0	0	1	1	0	0.010	0.01
343	340	27.89	5.64	3.3	7.29	9.36	0	0	-739	1	0	0	1	1	0	0.010	0.01
344	341	27.97	5.57	3.3	6.43	8.49	0	0	-816	1	0	0	1	1	0	0.010	0.01
345	342	28.05	5.42	3.3	6.07	8.18	0	0	-771	1	0	0	1	1	0	0.010	0.01
346	343	28.13	5.33	3.3	6.52	8.09	0	0	-669	1	0	0	1	1	0	0.010	0.01
347	344	28.21	4.99	3.2	7.96	10.07	0	0	-390	1	0	0	1	1	0	0.010	0.01
348	345	28.3	4.63	3.1	9.99	13.27	0	0	-162	1	0	0	1	1	0	0.010	0.01
349	346	28.38	4.49	3.1	11.42	15.28	0	0	-62	1	0	0	1	1	0	0.010	0.01
350	347	28.46	4.44	3.0	12.55	15.2	0	0	3	1	0	0	1	1	0	0.010	0.01
351	348	28.54	4.11	3.0	13.93	17.4	0	0	61	1	0	0	1	1	0	0.010	0.01
352	349	28.63	3.56	2.9	15.27	20.36	0	0	74	1	0	0	1	1	0	0.010	0.01
353	350	28.71	3.01	2.9	15.11	20.08	0	0	44	1	0	0	1	1	0	0.010	0.01
354	351	28.79	2.6	2.9	13.04	16.91	0	0	6	1	0	1	1	1	0	0.010	0.01
355	352	28.87	2.56	3.0	10.37	12.94	0	0	-24	1	0	1	1	1	0	0.010	0.01
356	353	28.95	2.76	3.0	8.35	10.54	0	0	-56	1	0	1	1	1	0	0.010	0.01
357	354	29.04	3.25	3.1	7.19	9.62	0	0	-110	1	0	0	1	1	0	0.010	0.01
358	355	29.12	3.55	3.2	6.43	8.68	0	0	-162	1	0	0	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	3.62	3.2	5.91	7.7	0	0	-186	1	0	0	1	1	0	0.010	0.01
360	357	29.28	3.59	3.3	5.63	7.69	0	0	-189	1	0	0	1	1	0	0.010	0.01
361	358	29.36	3.55	3.3	5.59	7.6	0	0	-184	1	0	0	1	1	0	0.010	0.01
362	359	29.45	3.67	3.3	5.46	7.47	0	0	-207	1	0	0	1	1	0	0.010	0.01
363	360	29.53	3.73	3.3	5.28	7.21	0	0	-224	1	0	0	1	1	0	0.010	0.01
364	361	29.61	3.56	3.3	5.11	6.95	0	0	-199	1	0	0	1	1	0	0.010	0.01
365	362	29.69	3.29	3.3	5.01	6.85	0	0	-160	1	0	0	1	1	0	0.010	0.01
366	363	29.77	3.05	3.3	4.99	6.82	0	0	-131	1	0	0	1	1	0	0.010	0.01
367	364	29.86	3.01	3.3	5	6.81	0	0	-126	1	0	0	1	1	0	0.010	0.01
368	365	29.94	3.12	3.3	5.06	6.85	0	0	-138	1	0	0	1	1	0	0.010	0.01
369	366	30.02	3.53	3.3	5.27	6.97	0	0	-189	1	0	0	1	1	0	0.010	0.01
370	367	30.1	3.94	3.3	5.8	7.47	0	0	-247	1	0	0	1	1	0	0.010	0.01
371	368	30.18	4.39	3.2	6.67	8.65	0	0	-310	1	0	0	1	1	0	0.010	0.01
372	369	30.27	4.92	3.2	7.66	9.96	0	0	-393	1	0	0	1	1	0	0.010	0.01
373	370	30.35	5.31	3.2	8.66	11.11	0	0	-423	1	0	0	1	1	0	0.010	0.01
374	371	30.43	5.55	3.2	9.45	12.52	0	0	-404	1	0	0	1	1	0	0.010	0.01
375	372	30.51	5.64	3.2	9.77	13.24	0	0	-387	1	0	0	1	1	0	0.010	0.01
376	373	30.59	6.03	3.2	9.38	12.59	0	0	[illegible]	1	0	0	1	1	0	0.010	0.01
377	374	30.68	6.67	3.3	8.54	11.31	0	0	-[illegible]10	1	0	0	1	1	0	0.010	0.01
378	375	30.76	7.18	3.3	7.91	10.31	0	0	-20[illegible]	1	0	0	1	1	0	0.010	0.01
379	376	30.84	7.26	3.3	7.79	10.31	0	0	-220[illegible]	1	0	0	1	1	0	0.010	0.01
380	377	30.92	6.84	3.3	8.65	10.86	0	0	-[illegible]31	1	0	0	1	1	0	0.010	0.01
381	378	31	6.03	3.2	10.46	13.34	0	0	-389	1	0	0	1	1	0	0.010	0.01
382	379	31.09	4.88	3.0	13.29	16.8	0	0	62	1	0	0	1	1	0	0.010	0.01
383	380	31.17	3.95	2.9	16.24	21.34	0	0	139	1	0	0	0	1	0	0.010	0.01
384	381	31.25	3.43	2.8	18.34	24.38	0	0	141	1	0	0	0	1	0	0.010	0.01
385	382	31.33	3.28	2.8	19.05	24.81	0	0	139	1	0	0	0	1	0	0.010	0.01
386	383	31.41	3.38	2.8	17.96	23.89	0	0	126	1	0	0	0	1	0	0.010	0.01
387	384	31.5	3.72	2.9	15.75	20.67	0	0	100	1	0	0	0	1	0	0.010	0.01
388	385	31.58	4.42	3.0	12.94	16.66	0	0	24	1	0	0	1	1	0	0.010	0.01
389	386	31.66	5.37	3.1	10.42	13.57	0	0	-240	1	0	0	1	1	0	0.010	0.01
390	387	31.74	6.25	3.3	8.45	11.39	0	0	-909	1	0	0	1	1	0	0.010	0.01
391	388	31.82	6.65	3.3	7.03	9.47	0	0	-1648	1	0	0	1	1	0	0.010	0.01
392	389	31.91	6.6	3.4	6.05	8.42	0	0	-1873	1	0	0	1	1	0	0.010	0.01
393	390	31.99	6.29	3.4	5.51	7.82	0	0	-1616	1	0	0	1	1	0	0.010	0.01
394	391	32.07	5.8	3.4	5.37	7.5	0	0	-1142	1	0	0	1	1	0	0.010	0.01
395	392	32.15	5.12	3.3	5.54	7.85	0	0	-661	1	0	0	1	1	0	0.010	0.01
396	393	32.23	4.62	3.3	5.98	8.41	0	0	-417	1	0	0	1	1	0	0.010	0.01
397	394	32.32	4.39	3.2	6.53	9	0	0	-318	1	0	0	1	1	0	0.010	0.01
398	395	32.4	4.68	3.2	6.82	9.77	0	0	-382	1	0	0	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	4.89	3.3	6.82	9.43	0	0	-451	1	0	0	1	1	0	0.010	0.01
400	397	32.56	5.2	3.3	6.43	8.96	0	0	-614	1	0	0	1	1	0	0.010	0.01
401	398	32.64	5.04	3.3	6.05	8.28	0	0	-576	1	0	0	1	1	0	0.010	0.01
402	399	32.73	4.62	3.3	5.81	7.94	0	0	-428	1	0	0	1	1	0	0.010	0.01
403	400	32.81	3.97	3.3	5.68	7.92	0	0	-258	1	0	0	1	1	0	0.010	0.01
404	401	32.89	3.55	3.3	5.57	7.67	0	0	-185	1	0	0	1	1	0	0.010	0.01
405	402	32.97	3.47	3.3	5.48	7.47	0	0	-175	1	0	0	1	1	0	0.010	0.01
406	403	33.05	3.61	3.3	5.47	7.48	0	0	-197	1	0	0	1	1	0	0.010	0.01
407	404	33.14	3.61	3.3	5.65	7.53	0	0	-192	1	0	0	1	1	0	0.010	0.01
408	405	33.22	3.52	3.2	6.02	7.99	0	0	-168	1	0	0	1	1	0	0.010	0.01
409	406	33.3	3.41	3.2	6.47	8.71	0	0	-143	1	0	0	1	1	0	0.010	0.01
410	407	33.38	3.46	3.2	6.71	9.06	0	0	-143	1	0	0	1	1	0	0.010	0.01
411	408	33.46	3.6	3.2	6.7	8.9	0	0	-161	1	0	0	1	1	0	0.010	0.01
412	409	33.55	3.78	3.2	6.56	8.75	0	0	-192	1	0	0	1	1	0	0.010	0.01
413	410	33.63	3.97	3.2	6.42	8.62	0	0	-230	1	0	0	1	1	0	0.010	0.01
414	411	33.71	4.11	3.2	6.28	8.44	0	0	-264	1	0	0	1	1	0	0.010	0.01
415	412	33.79	4.17	3.3	6.17	8.31	0	0	-282	1	0	0	1	1	0	0.010	0.01
416	413	33.87	4.24	3.3	6.08	8.26	0	0	-303	1	0	0	1	1	0	0.010	0.01
417	414	33.96	4.33	3.3	6	8.19	0	0	-330	1	0	0	1	1	0	0.010	0.01
418	415	34.04	4.47	3.3	5.87	8.1	0	0	-356	1	0	0	1	1	0	0.010	0.01
419	416	34.12	4.57	3.3	5.7	7.85	0	0	-418	1	0	0	1	1	0	0.010	0.01
420	417	34.2	4.66	3.3	5.54	7.59	0	0	-460	1	0	0	1	1	0	0.010	0.01
421	418	34.28	4.74	3.3	5.44	7.56	0	0	-497	1	0	0	1	1	0	0.010	0.01
422	419	34.37	4.75	3.3	5.39	7.52	0	0	-505	1	0	0	1	1	0	0.010	0.01
423	420	34.45	4.78	3.3	5.33	7.46	0	0	-521	1	0	0	1	1	0	0.010	0.01
424	421	34.53	4.85	3.4	5.21	7.37	0	0	-560	1	0	0	1	1	0	0.010	0.01
425	422	34.61	4.94	3.4	5.05	7.11	0	0	-615	1	0	0	1	1	0	0.010	0.01
426	423	34.69	5.05	3.4	4.9	6.9	0	0	-684	1	0	0	1	1	0	0.010	0.01
427	424	34.78	4.99	3.4	4.85	6.84	0	0	-657	1	0	0	1	1	0	0.010	0.01
428	425	34.86	4.93	3.4	4.89	6.92	0	0	-623	1	0	0	1	1	0	0.010	0.01
429	426	34.94	4.84	3.4	4.96	7	0	0	-575	1	0	0	1	1	0	0.010	0.01
430	427	35.02	4.89	3.4	5.01	7.17	0	0	-594	1	0	0	1	1	0	0.010	0.01
431	428	35.1	4.94	3.4	5.01	7.14	0	0	-618	1	0	0	1	1	0	0.010	0.01
432	429	35.19	4.95	3.4	4.96	7.1	0	0	-627	1	0	0	1	1	0	0.010	0.01
433	430	35.27	4.69	3.4	4.87	6.98	0	0	-517	1	0	0	1	1	0	0.010	0.01
434	431	35.35	4.31	3.4	4.8	6.8	0	0	-384	1	0	0	1	1	0	0.010	0.01
435	432	35.43	3.83	3.3	4.79	6.78	0	0	-260	1	0	0	1	1	0	0.010	0.01
436	433	35.51	3.58	3.3	4.96	6.86	0	0	-206	1	0	0	1	1	0	0.010	0.01
437	434	35.6	3.58	3.3	5.31	7.33	0	0	-196	1	0	0	1	1	0	0.010	0.01
438	435	35.68	3.89	3.2	5.99	8.15	0	0	-230	1	0	0	1	1	0	0.010	0.01

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	4.31	3.2	6.78	9.27	0	0	-285	1	0	0	1	1	0	0.010	0.01
440	437	35.84	4.74	3.2	7.68	10.32	0	0	-340	1	0	0	1	1	0	0.010	0.01
441	438	35.92	5.08	3.2	8.7	11.52	0	0	-350	1	0	0	1	1	0	0.010	0.01
442	439	36.01	5.16	3.1	9.88	13.5	0	0	-257	1	0	0	1	1	0	0.010	0.01
443	440	36.09	5.11	3.1	10.78	15.15	0	0	-162	1	0	0	1	1	0	0.010	0.01
444	441	36.17	5.25	3.1	10.54	15.28	0	0	-206	1	0	0	1	1	0	0.010	0.01
445	442	36.25	5.81	3.2	9.13	12.86	0	0	-544	1	0	0	1	1	0	0.010	0.01
446	443	36.33	6.85	3.3	7.28	9.96	0	0	-1818	1	0	0	1	1	0	0.010	0.01
447	444	36.42	7.72	3.4	5.82	8.38	0	0	-4315	1	0	0	1	1	0	0.010	0.01
448	445	36.5	7.82	3.5	4.91	7.37	0	0	-5256	1	0	0	1	1	0	0.010	0.01
449	446	36.58	7.18	3.5	4.5	6.54	0	0	-3531	1	0	0	1	1	0	0.010	0.01
450	447	36.66	6.41	3.5	4.39	6.69	0	0	-2049	1	0	0	1	1	0	0.010	0.01
451	448	36.74	5.95	3.5	4.53	6.8	0	0	-1430	1	0	0	1	1	0	0.010	0.01
452	449	36.83	5.71	3.4	4.62	6.91	0	0	-1179	1	0	0	1	1	0	0.010	0.01
453	450	36.91	5.55	3.4	4.66	6.97	0	0	-1039	1	0	0	1	1	0	0.010	0.01
454	451	36.99	5.49	3.4	4.65	6.91	0	0	-993	1	0	0	1	1	0	0.010	0.01
455	452	37.07	5.5	3.4	4.63	6.86	0	0	-1003	1	0	0	1	1	0	0.010	0.01
456	453	37.16	5.63	3.4	4.66	6.88	0	0	-1[illegible]04	1	0	0	1	1	0	0.010	0.01
457	454	37.24	5.75	3.4	4.74	6.99	0	0	-1[illegible]97	1	0	0	1	1	0	0.010	0.01
458	455	37.32	5.88	3.4	4.83	7.13	0	0	-13[illegible]5	1	0	0	1	1	0	0.010	0.01
459	456	37.4	5.93	3.4	4.84	7.19	0	0	-1354	1	0	0	1	1	0	0.010	0.01
460	457	37.48	5.92	3.4	4.76	7.08	0	0	-1[illegible]58	1	0	0	1	1	0	0.010	0.01
461	458	37.57	5.76	3.4	4.6	6.85	0	0	-1228	1	0	0	1	1	0	0.010	0.01
462	459	37.65	5.69	3.5	4.43	6.64	0	0	-1190	1	0	0	1	1	0	0.010	0.01
463	460	37.73	5.55	3.5	4.35	6.4	0	0	-1080	1	0	0	1	1	0	0.010	0.01
464	461	37.81	5.43	3.4	4.37	6.44	0	0	-982	1	0	0	1	1	0	0.010	0.01
465	462	37.89	5.25	3.4	4.5	6.61	0	0	-841	1	0	0	1	1	0	0.010	0.01
466	463	37.98	5.28	3.4	4.61	6.8	0	0	-849	1	0	0	1	1	0	0.010	0.01
467	464	38.06	5.54	3.4	4.67	6.84	0	0	-1029	1	0	0	1	1	0	0.010	0.01
468	465	38.14	5.92	3.4	4.69	6.88	0	0	-1370	1	0	0	1	1	0	0.010	0.01
469	466	38.22	6.16	3.4	4.75	6.92	0	0	-1627	1	0	0	1	1	0	0.010	0.01
470	467	38.3	6.18	3.4	4.85	7.11	0	0	-1630	1	0	0	1	1	0	0.010	0.01
471	468	38.39	5.83	3.4	5.41	7.33	0	0	-1162	1	0	0	1	1	0	0.010	0.01
472	469	38.47	5.24	3.3	7.18	9	0	0	-555	1	0	0	1	1	0	0.010	0.01
473	470	38.55	4.64	3.1	9.74	13.81	0	0	-180	1	0	0	1	1	0	0.010	0.01
474	471	38.63	4.41	3.0	11.99	17.39	0	0	-28	1	0	0	1	1	0	0.010	0.01
475	472	38.71	4.68	3.0	12.12	18.04	0	0	-26	1	0	0	1	1	0	0.010	0.01
476	473	38.8	5.08	3.1	11.33	14.77	0	0	-108	1	0	0	1	1	0	0.010	0.01
477	474	38.88	5.47	3.2	10.11	14.43	0	0	-298	1	0	0	1	1	0	0.010	0.01
478	475	38.96	5.45	3.2	9.21	13.22	0	0	-404	1	0	0	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	5.54	3.2	8.05	11.18	0	0	-585	1	0	0	1	1	0	0.010	0.01
480	477	39.12	5.62	3.3	6.93	9.85	0	0	-778	1	0	0	1	1	0	0.010	0.01
481	478	39.21	5.73	3.3	6.05	8.87	0	0	-980	1	0	0	1	1	0	0.010	0.01
482	479	39.29	5.99	3.4	5.38	7.77	0	0	-1316	1	0	0	1	1	0	0.010	0.01
483	480	39.37	6.26	3.4	4.85	7.25	0	0	-1730	1	0	0	1	1	0	0.010	0.01
484	481	39.45	6.2	3.5	4.56	6.82	0	0	-1717	1	0	0	1	1	0	0.010	0.01
485	482	39.53	5.87	3.5	4.38	6.6	0	0	-1372	1	0	0	1	1	0	0.010	0.01
486	483	39.62	5.48	3.5	4.27	6.49	0	0	-1033	1	0	0	1	1	0	0.010	0.01
487	484	39.7	5.17	3.4	4.17	6.35	0	0	-823	1	0	0	1	1	0	0.010	0.01
488	485	39.78	4.99	3.4	4.07	6.17	0	0	-724	1	0	0	1	1	0	0.010	0.01
489	486	39.86	4.87	3.4	4.01	6.1	0	0	-663	1	0	0	1	1	0	0.010	0.01
490	487	39.94	4.83	3.4	3.97	6.09	0	0	-645	1	0	0	1	1	0	0.010	0.01
491	488	40.03	4.83	3.5	3.96	6	0	0	-646	1	0	0	1	1	0	0.010	0.01
492	489	40.11	4.86	3.5	3.94	6.02	0	0	-663	1	0	0	1	1	0	0.010	0.01
493	490	40.19	4.82	3.5	3.96	6.02	0	0	-641	1	0	0	1	1	0	0.010	0.01
494	491	40.27	4.7	3.4	4	6.05	0	0	-580	1	0	0	1	1	0	0.010	0.01
495	492	40.35	4.52	3.4	4.04	6.14	0	0	-500	1	0	0	1	1	0	0.010	0.01
496	493	40.44	4.45	3.4	4.08	6.18	0	0	-470	1	0	0	1	1	0	0.010	0.01
497	494	40.52	4.47	3.4	4.14	6.17	0	0	-475	1	0	0	1	1	0	0.010	0.01
498	495	40.6	4.36	3.4	4.27	6.34	0	0	-4[illegible]	1	0	0	1	1	0	0.010	0.01
499	496	40.68	4.08	3.4	4.43	6.61	0	0	-334	1	0	0	1	1	0	0.010	0.01
500	497	40.76	3.87	3.4	4.49	6.76	0	0	-279	1	0	0	1	1	0	0.010	0.01
501	498	40.85	3.84	3.4	4.44	6.59	0	0	-274	1	0	0	1	1	0	0.010	0.01
502	499	40.93	3.91	3.4	4.37	6.44	0	0	-292	1	0	0	1	1	0	0.010	0.01
503	500	41.01	3.89	3.4	4.38	6.47	0	0	-287	1	0	0	1	1	0	0.010	0.01
504	501	41.09	3.78	3.3	4.48	6.56	0	0	-259	1	0	0	1	1	0	0.010	0.01
505	502	41.17	3.71	3.3	4.58	6.76	0	0	-241	1	0	0	1	1	0	0.010	0.01
506	503	41.26	3.68	3.3	4.61	6.82	0	0	-234	1	0	0	1	1	0	0.010	0.01
507	504	41.34	3.66	3.3	4.53	6.68	0	0	-233	1	0	0	1	1	0	0.010	0.01
508	505	41.42	3.62	3.3	4.39	6.5	0	0	-229	1	0	0	1	1	0	0.010	0.01
509	506	41.5	3.44	3.3	4.27	6.29	0	0	-200	1	0	0	1	1	0	0.010	0.01
510	507	41.58	3.16	3.3	4.2	6.2	0	0	-159	1	0	0	1	1	0	0.010	0.01
511	508	41.67	2.75	3.3	4.22	6.22	0	0	-111	1	0	1	1	1	0	0.010	0.01
512	509	41.75	2.4	3.3	4.27	6.26	0	0	-81	1	0	1	1	1	0	0.010	0.01
513	510	41.83	2.12	3.2	4.34	6.33	0	0	-62	1	0	1	1	1	0	0.010	0.01
514	511	41.91	1.92	3.2	4.46	6.45	0	0	-51	1	0	1	1	1	0	0.010	0.01
515	512	41.99	1.78	3.2	4.58	6.67	0	0	-44	1	0	1	1	1	0	0.010	0.01
516	513	42.08	1.8	3.2	4.72	6.75	0	0	-44	1	0	1	1	1	0	0.010	0.01
517	514	42.16	2.15	3.2	4.86	6.92	0	0	-60	1	0	1	1	1	0	0.010	0.01
518	515	42.24	2.59	3.2	5.2	7.39	0	0	-85	1	0	1	1	1	0	0.010	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	2.78	3.2	5.64	8.08	0	0	-94	1	0	1	1	1	0	0.010	0.01
520	517	42.4	2.77	3.2	6.11	8.7	0	0	-87	1	0	1	1	1	0	0.010	0.01
521	518	42.49	2.98	3.2	6.39	9.18	0	0	-100	1	0	1	1	1	0	0.010	0.01
522	519	42.57	3.47	3.2	6.49	9.4	0	0	-150	1	0	0	1	1	0	0.010	0.01
523	520	42.65	3.92	3.2	6.68	9.3	0	0	-211	1	0	0	1	1	0	0.010	0.01
524	521	42.73	3.62	3.1	7.62	9.99	0	0	-138	1	0	0	1	1	0	0.010	0.01
525	522	42.81	3.02	3.0	9.1	12.98	0	0	-58	1	0	0	1	1	0	0.010	0.01
526	523	42.9	2.81	3.0	9.95	15.24	0	0	-36	1	0	1	1	1	0	0.010	0.01
527	524	42.98	3.2	3.0	9.48	13.72	0	0	-60	1	0	0	1	1	0	0.010	0.01
528	525	43.06	4.01	3.1	8.19	11.62	0	0	-168	1	0	0	1	1	0	0.010	0.01
529	526	43.14	4.46	3.2	7.52	10.35	0	0	-280	1	0	0	1	1	0	0.010	0.01
530	527	43.22	4.19	3.2	7.77	11.05	0	0	-214	1	0	0	1	1	0	0.010	0.01
531	528	43.31	3.55	3.1	8.42	12.44	0	0	-109	1	0	0	1	1	0	0.010	0.01
532	529	43.39	2.89	3.0	8.74	12.82	0	0	-57	1	0	1	1	1	0	0.010	0.01
533	530	43.47	2.44	3.0	8.25	12.41	0	0	-43	1	0	1	1	1	0	0.010	0.01
534	531	43.55	2.28	3.1	7.28	10.66	0	0	-46	1	0	1	1	1	0	0.010	0.01
535	532	43.63	2.53	3.1	6.02	9.13	0	0	-72	1	0	1	1	1	0	0.010	0.01
536	533	43.72	2.79	3.2	5.04	7.49	0	0	-94	1	0	1	1	1	0	0.010	0.01
537	534	43.8	3	3.3	4.42	6.73	0	0	-135	1	0	0	1	1	0	0.010	0.01
538	535	43.88	3	3.3	4.18	6.53	0	0	-119	1	0	0	1	1	0	0.010	0.01
539	536	43.96	3.01	3.3	4.06	6.36	0	0	-142	1	0	0	1	1	0	0.010	0.01
540	537	44.04	3.03	3.3	3.96	6.13	0	0	-146	1	0	0	1	1	0	0.010	0.01
541	538	44.13	3.07	3.3	3.94	6.03	0	0	-152	1	0	0	1	1	0	0.010	0.01
542	539	44.21	3.19	3.4	3.99	6.14	0	0	-167	1	0	0	1	1	0	0.010	0.01
543	540	44.29	3.33	3.4	4.06	6.22	0	0	-187	1	0	0	1	1	0	0.010	0.01
544	541	44.37	3.42	3.4	4.12	6.26	0	0	-200	1	0	0	1	1	0	0.010	0.01
545	542	44.45	3.48	3.4	4.16	6.36	0	0	-210	1	0	0	1	1	0	0.010	0.01
546	543	44.54	3.57	3.4	4.24	6.41	0	0	-224	1	0	0	1	1	0	0.010	0.01
547	544	44.62	3.71	3.4	4.32	6.57	0	0	-249	1	0	0	1	1	0	0.010	0.01
548	545	44.7	3.8	3.4	4.47	6.69	0	0	-264	1	0	0	1	1	0	0.010	0.01
549	546	44.78	3.92	3.3	4.67	6.96	0	0	-284	1	0	0	1	1	0	0.010	0.01
550	547	44.86	3.98	3.3	5.07	7.4	0	0	-283	1	0	0	1	1	0	0.010	0.01
551	548	44.95	4.13	3.3	5.5	8.23	0	0	-302	1	0	0	1	1	0	0.010	0.01
552	549	45.03	4.39	3.3	5.78	8.78	0	0	-358	1	0	0	1	1	0	0.010	0.01
553	550	45.11	4.8	3.3	5.84	8.82	0	0	-492	1	0	0	1	1	0	0.010	0.01
554	551	45.19	5.16	3.3	5.77	8.82	0	0	-660	1	0	0	1	1	0	0.010	0.01
555	552	45.27	5.3	3.3	5.69	8.77	0	0	-744	1	0	0	1	1	0	0.010	0.01
556	553	45.36	5.25	3.3	5.58	8.6	0	0	-728	1	0	0	1	1	0	0.010	0.01
557	554	45.44	5.1	3.3	5.5	8.43	0	0	-655	1	0	0	1	1	0	0.010	0.01
558	555	45.52	4.96	3.3	5.48	8.41	0	0	-588	1	0	0	1	1	0	0.010	0.01

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	4.94	3.3	5.49	8.36	0	0	-578	1	0	0	1	1	0	0.010	0.01
560	557	45.69	4.96	3.3	5.5	8.33	0	0	-587	1	0	0	1	1	0	0.010	0.01
561	558	45.77	5.04	3.3	5.53	8.42	0	0	-622	1	0	0	1	1	0	0.010	0.01
562	559	45.85	5.12	3.3	5.65	8.49	0	0	-651	1	0	0	1	1	0	0.010	0.01
563	560	45.93	5.35	3.3	5.76	8.83	0	0	-766	1	0	0	1	1	0	0.010	0.01
564	561	46.01	5.61	3.3	5.84	8.9	0	0	-924	1	0	0	1	1	0	0.010	0.01
565	562	46.1	5.8	3.4	5.85	8.93	0	0	-1065	1	0	0	1	1	0	0.010	0.01
566	563	46.18	5.88	3.4	5.81	8.97	0	0	-1139	1	0	0	1	1	0	0.010	0.01
567	564	46.26	5.85	3.4	5.82	8.82	0	0	-1112	1	0	0	1	1	0	0.010	0.01
568	565	46.34	5.79	3.4	5.81	9	0	0	-1064	1	0	0	1	1	0	0.010	0.01
569	566	46.42	5.64	3.4	5.84	8.94	0	0	-945	1	0	0	1	1	0	0.010	0.01
570	567	46.51	5.45	3.3	5.82	8.91	0	0	-820	1	0	0	1	1	0	0.010	0.01
571	568	46.59	5.24	3.3	5.84	8.98	0	0	-695	1	0	0	1	1	0	0.010	0.01
572	569	46.67	5.05	3.3	5.87	9.05	0	0	-596	1	0	0	1	1	0	0.010	0.01
573	570	46.75	4.87	3.3	5.88	8.99	0	0	-517	1	0	0	1	1	0	0.010	0.01
574	571	46.83	4.56	3.3	5.87	8.93	0	0	-405	1	0	0	1	1	0	0.010	0.01
575	572	46.92	4.34	3.3	5.78	8.94	0	0	-344	1	0	0	1	1	0	0.010	0.01
576	573	47	4.18	3.3	5.76	8.55	0	0	-303	1	0	0	1	1	0	0.010	0.01
577	574	47.08	4.21	3.3	5.82	8.79	0	0	-307	1	0	0	1	1	0	0.010	0.01
578	575	47.16	4.13	3.3	6.01	9.04	0	0	-2[illegible]	1	0	0	1	1	0	0.010	0.01
579	576	47.24	4.04	3.2	6.35	9.22	0	0	-246	1	0	0	1	1	0	0.010	0.01
580	577	47.33	3.91	3.2	6.91	10.03	0	0	-201	1	0	0	1	1	0	0.010	0.01
581	578	47.41	3.97	3.2	7.68	11.12	0	0	-182	1	0	0	1	1	0	0.010	0.01
582	579	47.49	4.19	3.1	8.43	12.1	0	0	-184	1	0	0	1	1	0	0.010	0.01
583	580	47.57	4.58	3.2	8.86	13.07	0	0	-226	1	0	0	1	1	0	0.010	0.01
584	581	47.65	5.22	3.2	8.86	13.16	0	0	-374	1	0	0	1	1	0	0.010	0.01
585	582	47.74	6.27	3.3	8.44	12.73	0	0	-925	1	0	0	1	1	0	0.010	0.01
586	583	47.82	7.64	3.3	7.9	11.87	0	0	-2810	1	0	0	1	1	0	0.010	0.01
587	584	47.9	8.8	3.4	7.47	11.33	0	0	-6787	1	0	0	1	1	0	0.010	0.01
588	585	47.98	9.23	3.4	7.18	11.13	0	0	-9542	1	0	0	1	1	0	0.010	0.01
589	586	48.06	9.16	3.4	6.88	10.76	0	0	-9627	1	0	0	1	1	0	0.010	0.01
590	587	48.15	8.87	3.4	6.57	10.09	0	0	-8383	1	0	0	1	1	0	0.010	0.01
591	588	48.23	8.7	3.4	6.32	9.81	0	0	-7799	1	0	0	1	1	0	0.010	0.01
592	589	48.31	8.3	3.4	6.27	9.66	0	0	-6001	1	0	0	1	1	0	0.010	0.01
593	590	48.39	7.64	3.4	6.42	9.8	0	0	-3714	1	0	0	1	1	0	0.010	0.01
594	591	48.47	6.7	3.3	6.75	10.31	0	0	-1796	1	0	0	1	1	0	0.010	0.01
595	592	48.56	6.19	3.3	7.29	10.87	0	0	-1118	1	0	0	1	1	0	0.010	0.01
596	593	48.64	6.12	3.3	7.86	11.85	0	0	-946	1	0	0	1	1	0	0.010	0.01
597	594	48.72	6.47	3.3	8.47	12.59	0	0	-1064	1	0	0	1	1	0	0.010	0.01
598	595	48.8	6.91	3.3	8.78	13.6	0	0	-1353	1	0	0	1	1	0	0.010	0.01

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	7.44	3.3	8.76	13.33	0	0	-1985	1	0	0	1	1	0	0.010	0.01
600	597	48.97	7.87	3.3	8.3	12.67	0	0	-3011	1	0	0	1	1	0	0.010	0.01
601	598	49.05	7.99	3.3	7.76	11.74	0	0	-3692	1	0	0	1	1	0	0.010	0.01
602	599	49.13	7.69	3.4	7.4	11.2	0	0	-3226	1	0	0	1	1	0	0.010	0.01
603	600	49.21	7.28	3.3	7.24	11.25	0	0	-2493	1	0	0	1	1	0	0.010	0.01
604	601	49.29	7.05	3.3	7.2	11.1	0	0	-2132	1	0	0	1	1	0	0.010	0.01
605	602	49.38	7.02	3.3	7.25	11	0	0	-2067	1	0	0	1	1	0	0.010	0.01
606	603	49.46	6.67	3.3	7.66	11.44	0	0	-1479	1	0	0	1	1	0	0.010	0.01
607	604	49.54	6.09	3.3	8.21	12.82	0	0	-855	1	0	0	1	1	0	0.010	0.01
608	605	49.62	5.76	3.2	8.25	13.37	0	0	-661	1	0	0	1	1	0	0.010	0.01
609	606	49.7	5.96	3.3	7.37	11.71	0	0	-927	1	0	0	1	1	0	0.010	0.01
610	607	49.79	6.5	3.4	6.12	9.36	0	0	-1722	1	0	0	1	1	0	0.010	0.01
611	608	49.87	6.69	3.4	5.19	8.24	0	0	-2267	1	0	0	1	1	0	0.010	0.01
612	609	49.95	6.62	3.5	4.76	7.85	0	0	-2281	1	0	0	1	1	0	0.010	0.01
613	610	50.03	6.94	3.5	4.61	7.55	0	0	-2932	1	0	0	1	1	0	0.010	0.01
614	611	50.11	6.68	3.4	5.51	7.52	0	0	-2152	1	0	0	1	1	0	0.010	0.01
615	612	50.2	3.03	3.0	8.81	11.33	0	0	-63	1	0	0	1	1	0	0.010	0.01
616	613	50.28	0.82	2.5	19.37	20.8	0.01	0.54	16	1	1	1	1	1	0.01	0.010	0.01
617	614	50.36	0	4.1	30.48	47.26	0	0	18	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	41.33	68.6	0	0	19	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	46.35	71.87	0	0	34	1	0	1	1	1	0	0.000	0

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http://www.geologismiki.gr

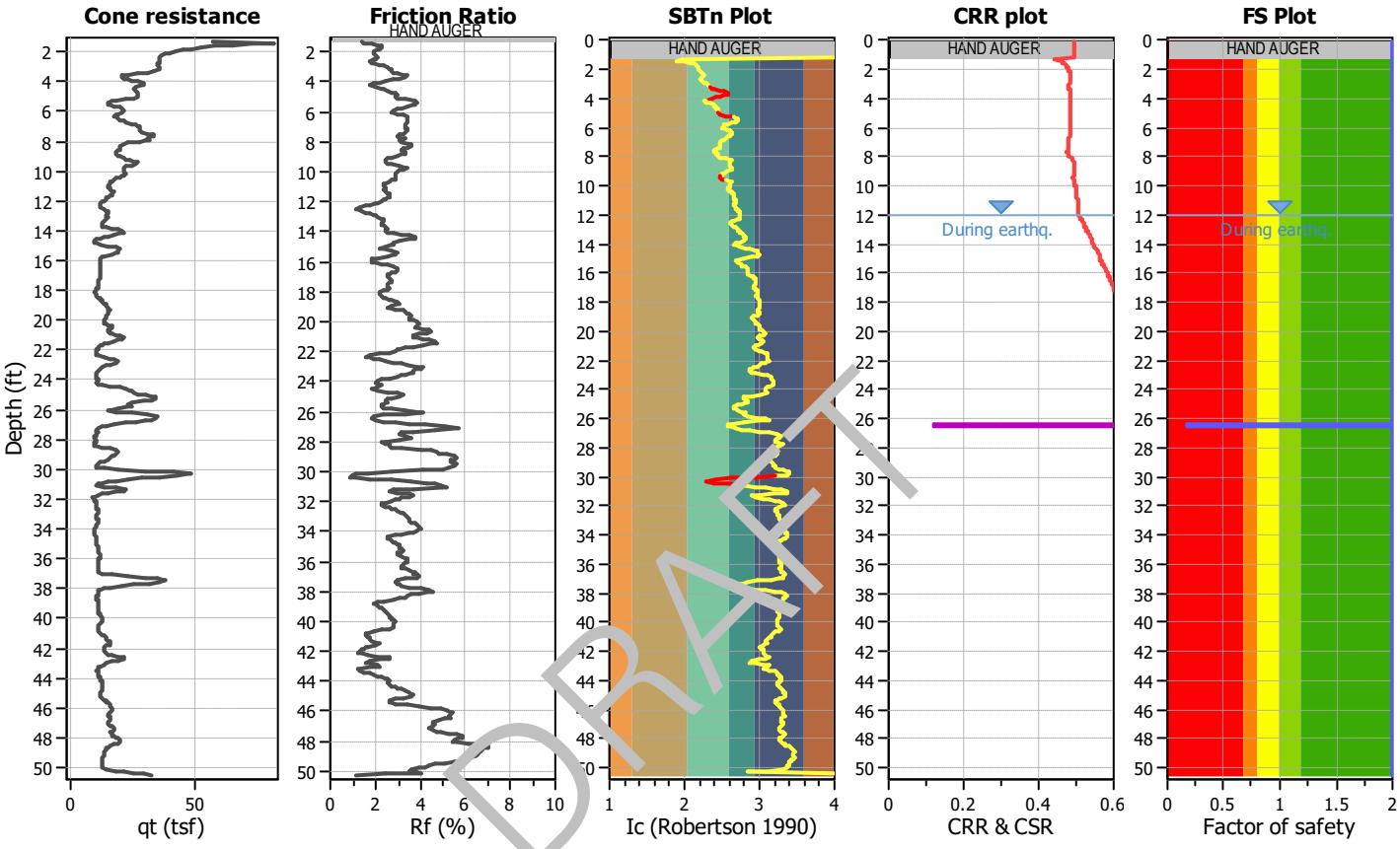
LIQUEFACTION ANALYSIS REPORT

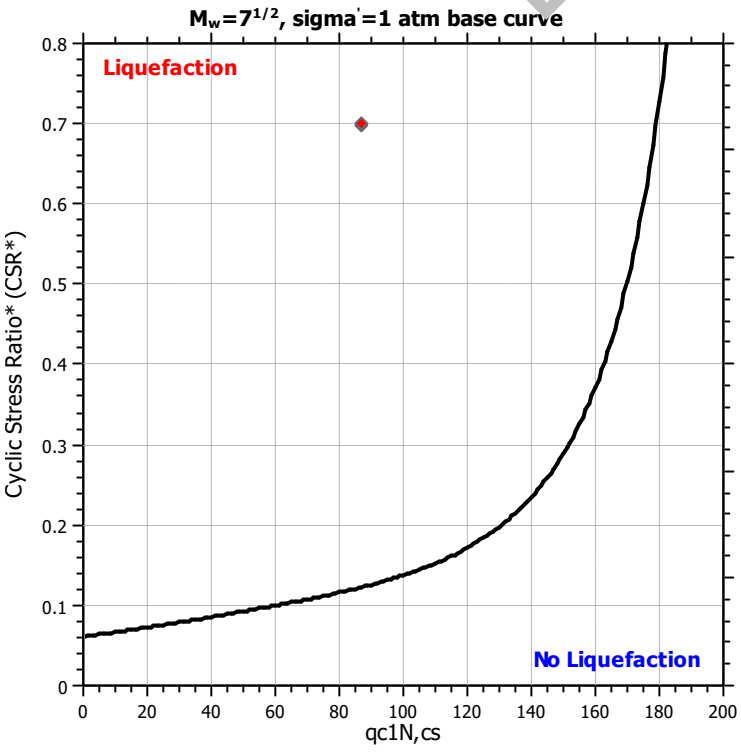
Project title : **Location :**

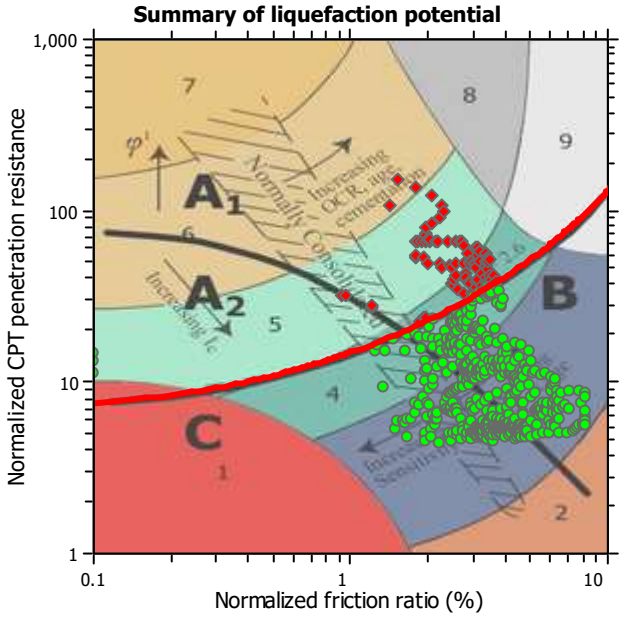
CPT file : CPT-10

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

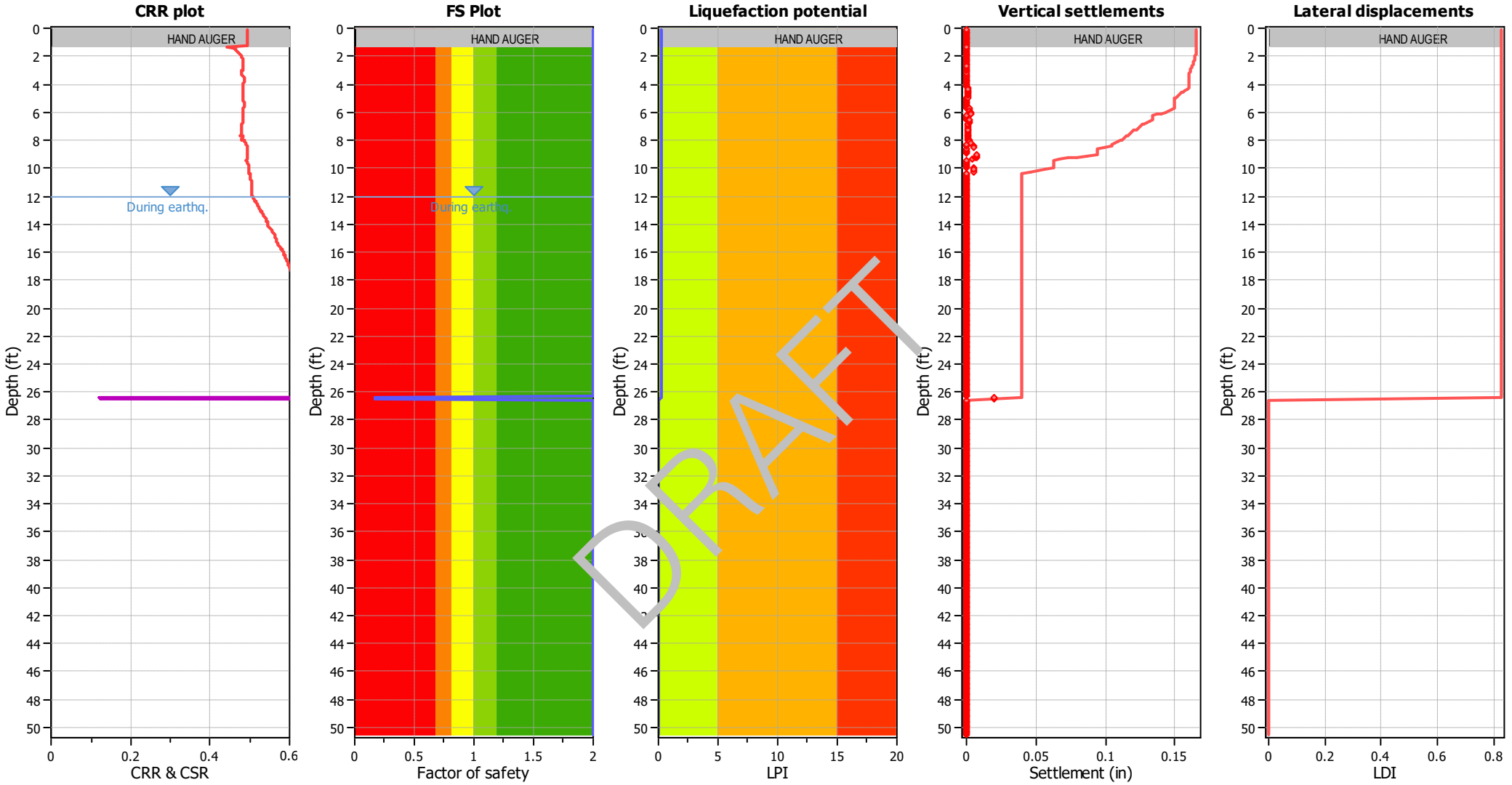






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



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Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-10, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.040	0
19	16	1.31	1.41	2.0	107.5	139.83	0	0	378	1	1	1	0	1	0	0.040	0
20	17	1.39	1.53	1.9	153.39	128.75	0	0	627	1	1	1	0	1	0	0.040	0
21	18	1.48	1.8	2.0	137.52	115.56	0	0	715	1	1	1	0	1	0	0.040	0
22	19	1.56	2.07	2.1	121.81	101.38	0	0	800	1	1	1	0	1	0	0.040	0
23	20	1.64	2.27	2.1	108.44	90.21	0	0	841	1	1	1	0	1	0	0.040	0
24	21	1.72	2.32	2.2	97.96	81.98	0	0	783	1	1	1	0	1	0	0.040	0
25	22	1.8	2.23	2.2	90.36	75.1	0	0	658	1	1	1	0	1	0	0.040	0
26	23	1.89	2.08	2.2	84.01	71.15	0	0	528	1	1	1	0	1	0	0.040	0
27	24	1.97	1.96	2.2	79.24	66.02	0	0	442	1	1	1	0	1	0	0.040	0
28	25	2.05	1.95	2.2	74.32	63.14	0	0	406	1	1	1	0	1	0	0.040	0
29	26	2.13	1.96	2.2	71.13	58.65	0	0	388	1	1	1	0	1	0	0.040	0
30	27	2.21	2.01	2.2	68.65	57.79	0	0	389	1	1	1	0	1	0	0.040	0
31	28	2.3	2.04	2.2	67.95	56.59	0	0	395	1	1	1	0	1	0	0.040	0
32	29	2.38	2.12	2.3	66.86	57.3	0	0	416	1	1	1	0	1	0	0.040	0
33	30	2.46	2.03	2.3	66.67	55.31	0	0	382	1	1	1	0	1	0	0.040	0
34	31	2.54	1.9	2.2	66.43	56.43	0	0	338	1	1	1	0	1	0	0.040	0
35	32	2.62	1.78	2.2	66.56	56.51	0	0	303	1	1	1	0	1	0	0.040	0
36	33	2.71	1.83	2.2	66.25	55.72	0	0	316	1	1	1	0	1	0	0.040	0
37	34	2.79	1.97	2.2	66	55.71	0	0	357	1	1	1	0	1	0	0.040	0
38	35	2.87	2.17	2.3	65.69	55.77	0	0	426	1	1	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.36	2.3	65.66	55.12	0	0	505	1	1	1	0	1	0	0.040	0
40	37	3.03	2.54	2.3	66.15	55.86	0	0	598	1	1	1	0	1	0	0.040	0
41	38	3.12	2.64	2.3	66.72	57.36	0	0	660	1	1	1	0	1	0	0.040	0
42	39	3.2	2.69	2.3	66.04	56.62	0	0	681	1	1	1	0	1	0	0.040	0
43	40	3.28	2.75	2.4	62.65	54.19	0	0	673	1	1	1	0	1	0	0.040	0
44	41	3.36	2.84	2.4	57.02	48.85	0	0	646	1	1	1	0	1	0	0.040	0
45	42	3.44	3.05	2.5	49.56	42.6	0	0	645	1	1	0	0	1	0	0.040	0
46	43	3.53	3.26	2.5	43.17	35.51	0	0	639	1	1	0	0	1	0	0.040	0
47	44	3.61	3.42	2.6	39.06	32.82	0	0	634	1	1	0	0	1	0	0.040	0
48	45	3.69	3.34	2.6	38.33	32.21	0	0	576	1	1	0	0	1	0	0.040	0
49	46	3.77	3.14	2.5	39.74	33.68	0	0	512	1	1	0	0	1	0	0.040	0
50	47	3.85	2.79	2.5	42.73	36.43	0	0	420	1	1	1	0	1	0	0.040	0
51	48	3.94	2.49	2.4	46.26	39.86	0	0	360	1	1	1	0	1	0	0.040	0
52	49	4.02	2.2	2.4	49.9	42.72	0	0	308	1	1	1	0	1	0	0.040	0
53	50	4.1	1.93	2.3	54.05	45.73	0	0	268	1	1	1	0	1	0	0.040	0
54	51	4.18	1.8	2.3	55.22	50.46	0	0	244	1	1	1	0	1	0	0.040	0
55	52	4.26	1.8	2.3	53.36	45.72	0	0	234	1	1	1	0	1	0	0.040	0
56	53	4.35	2.01	2.3	49.26	41	0	0	[illegible]	1	1	1	0	1	0	0.040	0
57	54	4.43	2.26	2.4	47.04	40.04	0	0	[illegible]	1	1	1	0	1	0	0.040	0
58	55	4.51	2.43	2.4	47.63	40.1	0	0	[illegible]	1	1	1	0	1	0	0.040	0
59	56	4.59	2.57	2.4	48.72	42.52	0	0	[illegible]	1	1	1	0	1	0	0.040	0
60	57	4.68	2.75	2.4	49.32	42.84	0	0	[illegible]	1	1	1	0	1	0	0.040	0
61	58	4.76	2.92	2.5	49.48	41.66	0	0	575	1	1	1	0	1	0	0.040	0
62	59	4.84	3	2.5	49.9	42.95	0	0	624	1	1	0	0	1	0	0.040	0
63	60	4.92	2.94	2.4	50.84	43.96	0	0	607	1	1	1	0	1	0	0.040	0
64	61	5	2.92	2.4	50.54	44.07	0	0	592	1	1	1	0	1	0	0.040	0
65	62	5.09	3.06	2.5	46.69	42.23	0	0	600	1	1	0	0	1	0	0.040	0
66	63	5.17	3.37	2.6	40.56	34.19	0	0	642	1	1	0	0	1	0	0.040	0
67	64	5.25	3.82	2.7	33.51	28.48	0	0	701	1	0	0	0	1	0	0.040	0
68	65	5.33	3.91	2.7	30.02	24.27	0	0	630	1	0	0	0	1	0	0.040	0
69	66	5.41	3.89	2.7	28.02	25.31	0	0	549	1	0	0	0	1	0	0.040	0
70	67	5.5	3.84	2.7	27.62	23.37	0	0	513	1	0	0	0	1	0	0.040	0
71	68	5.58	3.74	2.7	28.88	23.27	0	0	512	1	0	0	0	1	0	0.040	0
72	69	5.66	3.52	2.6	32.45	28.55	0	0	518	1	0	0	0	1	0	0.040	0
73	70	5.74	3.25	2.6	36.19	32.49	0	0	490	1	1	0	0	1	0	0.040	0
74	71	5.82	3.04	2.5	38.78	32.82	0	0	454	1	1	0	0	1	0	0.040	0
75	72	5.91	2.89	2.5	39.11	35.19	0	0	403	1	1	1	0	1	0	0.040	0
76	73	5.99	2.79	2.5	39.41	33.37	0	0	374	1	1	1	0	1	0	0.040	0
77	74	6.07	2.9	2.5	37.41	33.61	0	0	381	1	1	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	3.05	2.6	35.62	29.74	0	0	402	1	1	0	0	1	0	0.040	0
79	76	6.23	3.31	2.6	33.24	28.66	0	0	451	1	0	0	0	1	0	0.040	0
80	77	6.32	3.5	2.6	32.62	27.44	0	0	514	1	0	0	0	1	0	0.040	0
81	78	6.4	3.54	2.6	33.31	28.36	0	0	550	1	0	0	0	1	0	0.040	0
82	79	6.48	3.5	2.6	35.03	30.43	0	0	576	1	0	0	0	1	0	0.040	0
83	80	6.56	3.46	2.6	36.77	31.7	0	0	599	1	1	0	0	1	0	0.040	0
84	81	6.64	3.48	2.6	38.82	32.45	0	0	661	1	1	0	0	1	0	0.040	0
85	82	6.73	3.46	2.6	41.61	34.85	0	0	719	1	1	0	0	1	0	0.040	0
86	83	6.81	3.39	2.5	45	37.6	0	0	757	1	1	0	0	1	0	0.040	0
87	84	6.89	3.36	2.5	48.09	39.59	0	0	808	1	1	0	0	1	0	0.040	0
88	85	6.97	3.36	2.5	50.24	41.17	0	0	856	1	1	0	0	1	0	0.040	0
89	86	7.05	3.38	2.5	52.03	41.73	0	0	912	1	1	0	0	1	0	0.040	0
90	87	7.14	3.43	2.5	52.02	42.85	0	0	952	1	1	0	0	1	0	0.040	0
91	88	7.22	3.46	2.5	51.53	40.52	0	0	964	1	1	0	0	1	0	0.040	0
92	89	7.3	3.43	2.5	51.18	40.06	0	0	931	1	1	0	0	1	0	0.040	0
93	90	7.38	3.4	2.5	53.31	41.48	0	0	958	1	1	0	0	1	0	0.040	0
94	91	7.46	3.33	2.4	56.86	44.51	0	0	981	1	1	0	0	1	0	0.040	0
95	92	7.55	3.11	2.4	61.27	47.08	0	0	[illegible]	1	1	0	0	1	0	0.040	0
96	93	7.63	3.05	2.4	60.4	50.91	0	0	[illegible]34	1	1	0	0	1	0	0.040	0
97	94	7.71	3.15	2.4	58.6	43.22	0	0	8[illegible]5	1	1	0	0	1	0	0.040	0
98	95	7.79	3.34	2.5	56.09	42.79	0	0	97[illegible]	1	1	0	0	1	0	0.040	0
99	96	7.87	3.17	2.4	57.54	44.77	0	0	[illegible]69	1	1	0	0	1	0	0.040	0
100	97	7.96	3.13	2.4	54.4	47.54	0	0	781	1	1	0	0	1	0	0.040	0
101	98	8.04	3.18	2.5	49.96	36	0	0	729	1	1	0	0	1	0	0.040	0
102	99	8.12	3.63	2.6	42.22	34.4	0	0	847	1	1	0	0	1	0	0.040	0
103	100	8.2	3.69	2.6	38.59	28.54	0	0	782	1	0	0	0	1	0	0.040	0
104	101	8.28	3.72	2.6	35.31	27.47	0	0	701	1	0	0	0	1	0	0.040	0
105	102	8.37	3.47	2.6	34.91	26.81	0	0	558	1	0	0	0	1	0	0.040	0
106	103	8.45	3.31	2.6	34.97	28.16	0	0	489	1	0	0	0	1	0	0.040	0
107	104	8.53	3.27	2.6	34.66	28.09	0	0	466	1	0	0	0	1	0	0.040	0
108	105	8.61	3.36	2.6	33.29	26.35	0	0	472	1	0	0	0	1	0	0.040	0
109	106	8.69	3.45	2.6	31.89	24.9	0	0	475	1	0	0	0	1	0	0.040	0
110	107	8.78	3.41	2.6	30.91	24.74	0	0	436	1	0	0	0	1	0	0.040	0
111	108	8.86	3.23	2.6	30.74	24.2	0	0	371	1	0	0	0	1	0	0.040	0
112	109	8.94	3.03	2.6	31.45	24.98	0	0	324	1	0	0	0	1	0	0.040	0
113	110	9.02	2.77	2.6	33.31	27.04	0	0	284	1	1	1	0	1	0	0.040	0
114	111	9.1	2.6	2.5	35.09	29.45	0	0	266	1	1	1	0	1	0	0.040	0
115	112	9.19	2.5	2.5	36.24	29.97	0	0	255	1	1	1	0	1	0	0.040	0
116	113	9.27	2.48	2.5	37.73	30.42	0	0	267	1	1	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.52	2.5	40.13	33.52	0	0	303	1	1	1	0	1	0	0.040	0
118	115	9.43	2.58	2.5	42.07	36.16	0	0	342	1	1	1	0	1	0	0.040	0
119	116	9.51	2.82	2.5	41.16	35.4	0	0	409	1	1	1	0	1	0	0.040	0
120	117	9.6	3.13	2.6	38.59	30.87	0	0	487	1	1	0	0	1	0	0.040	0
121	118	9.68	3.44	2.6	35.49	29.28	0	0	558	1	0	0	0	1	0	0.040	0
122	119	9.76	3.48	2.6	33.88	27.37	0	0	537	1	0	0	0	1	0	0.040	0
123	120	9.84	3.34	2.6	33.04	26.95	0	0	458	1	0	0	0	1	0	0.040	0
124	121	9.92	3.18	2.6	32.5	27.53	0	0	389	1	0	0	0	1	0	0.040	0
125	122	10.01	3.07	2.6	32.28	26.4	0	0	350	1	0	0	0	1	0	0.040	0
126	123	10.09	3	2.6	32.39	26.73	0	0	332	1	1	0	0	1	0	0.040	0
127	124	10.17	2.96	2.6	33.02	28.07	0	0	330	1	1	1	0	1	0	0.040	0
128	125	10.25	2.96	2.6	32.59	28.36	0	0	324	1	1	1	0	1	0	0.040	0
129	126	10.33	3.02	2.6	31.12	26.04	0	0	316	1	0	0	0	1	0	0.040	0
130	127	10.42	3.01	2.6	29.26	24.58	0	0	282	1	0	0	0	1	0	0.040	0
131	128	10.5	2.97	2.6	27.48	23.89	0	0	243	1	0	1	0	1	0	0.040	0
132	129	10.58	2.84	2.7	25.85	21.66	0	0	194	1	0	1	0	1	0	0.040	0
133	130	10.66	2.73	2.7	24.33	20.62	0	0	156	1	0	1	0	1	0	0.040	0
134	131	10.74	2.59	2.7	23.49	20.13	0	0	[illegible]	1	0	1	0	1	0	0.040	0
135	132	10.83	2.51	2.7	22.75	19.66	0	0	11	1	0	1	0	1	0	0.040	0
136	133	10.91	2.49	2.7	22.05	18.77	0	0	[illegible]	1	0	1	0	1	0	0.040	0
137	134	10.99	2.53	2.7	21.61	18.4	0	0	[illegible]	1	0	1	0	1	0	0.040	0
138	135	11.07	2.56	2.7	21.52	18.63	0	0	[illegible]	1	0	1	0	1	0	0.040	0
139	136	11.15	2.53	2.7	21.79	18.64	0	0	103	1	0	1	0	1	0	0.040	0
140	137	11.24	2.5	2.7	22.39	19.23	0	0	106	1	0	1	0	1	0	0.040	0
141	138	11.32	2.52	2.7	22.97	20.23	0	0	115	1	0	1	0	1	0	0.040	0
142	139	11.4	2.61	2.7	23.48	20.18	0	0	130	1	0	1	0	1	0	0.040	0
143	140	11.48	2.7	2.7	23.2	20.62	0	0	137	1	0	1	0	1	0	0.040	0
144	141	11.56	2.73	2.7	22.67	19.62	0	0	134	1	0	1	0	1	0	0.040	0
145	142	11.65	2.73	2.7	21.68	18.97	0	0	121	1	0	1	0	1	0	0.040	0
146	143	11.73	2.7	2.7	20.7	18.2	0	0	105	1	0	1	0	1	0	0.040	0
147	144	11.81	2.62	2.7	19.6	17.17	0	0	85	1	0	1	0	1	0	0.040	0
148	145	11.89	2.51	2.7	18.47	16.21	0	0	65	1	0	1	1	1	0	0.040	0
149	146	11.97	2.37	2.7	17.34	15.38	0	0	46	1	0	1	1	1	0	0.040	0
150	147	12.06	2.26	2.8	16.43	14.33	0	0	34	1	0	1	1	1	0	0.040	0
151	148	12.14	2.11	2.8	15.83	13.9	0	0	25	1	0	1	1	1	0	0.040	0
152	149	12.22	1.89	2.7	15.52	13.87	0	0	19	1	0	1	1	1	0	0.040	0
153	150	12.3	1.64	2.7	15.19	13.66	0	0	13	1	0	1	1	1	0	0.040	0
154	151	12.38	1.38	2.7	14.95	13.21	0	0	9	1	0	1	1	1	0	0.040	0
155	152	12.47	1.26	2.6	15.13	13.46	0	0	9	1	0	1	1	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.28	2.6	16.38	14.33	0	0	14	1	0	1	1	1	0	0.040	0
157	154	12.63	1.46	2.6	17.59	16.73	0	0	21	1	0	1	1	1	0	0.040	0
158	155	12.71	1.67	2.6	18.48	16.86	0	0	30	1	0	1	1	1	0	0.040	0
159	156	12.8	1.86	2.7	18.42	16.8	0	0	36	1	0	1	1	1	0	0.040	0
160	157	12.88	1.99	2.7	18.25	16.5	0	0	39	1	0	1	1	1	0	0.040	0
161	158	12.96	2.09	2.7	17.95	16.28	0	0	41	1	0	1	1	1	0	0.040	0
162	159	13.04	2.23	2.7	17.96	15.9	0	0	46	1	0	1	1	1	0	0.040	0
163	160	13.12	2.38	2.7	17.95	16.39	0	0	53	1	0	1	1	1	0	0.040	0
164	161	13.21	2.47	2.8	17.6	16.23	0	0	53	1	0	1	1	1	0	0.040	0
165	162	13.29	2.48	2.8	16.61	15.08	0	0	43	1	0	1	1	1	0	0.040	0
166	163	13.37	2.47	2.8	15.73	14.05	0	0	34	1	0	1	1	1	0	0.040	0
167	164	13.45	2.44	2.8	15.12	14.1	0	0	27	1	0	1	1	1	0	0.040	0
168	165	13.53	2.44	2.8	14.68	13.53	0	0	22	1	0	1	1	1	0	0.040	0
169	166	13.62	2.52	2.8	14.58	12.85	0	0	23	1	0	1	1	1	0	0.040	0
170	167	13.7	2.6	2.8	15.07	13.81	0	0	30	1	0	1	1	1	0	0.040	0
171	168	13.78	2.67	2.8	16.54	14.88	0	0	51	1	0	1	1	1	0	0.040	0
172	169	13.86	2.54	2.7	19.16	16.84	0	0	74	1	0	1	1	1	0	0.040	0
173	170	13.94	2.53	2.7	22.14	21.07	0	0	97	1	0	1	0	1	0	0.040	0
174	171	14.03	2.62	2.7	24.23	23.33	0	0	40	1	0	1	0	1	0	0.040	0
175	172	14.11	2.93	2.7	24.33	23.11	0	0	1[illegible]6	1	0	1	0	1	0	0.040	0
176	173	14.19	3.29	2.7	22.85	21.77	0	0	221	1	0	0	0	1	0	0.040	0
177	174	14.27	3.68	2.8	20.27	19.46	0	0	231	1	0	0	0	1	0	0.040	0
178	175	14.35	3.95	2.9	17.54	15.97	0	0	187	1	0	0	0	1	0	0.040	0
179	176	14.44	4.06	2.9	14.82	14.27	0	0	94	1	0	0	0	1	0	0.040	0
180	177	14.52	3.76	3.0	12.92	12.09	0	0	13	1	0	0	1	1	0	0.040	0
181	178	14.6	3.38	3.0	11.4	10.89	0	0	-25	1	0	0	1	1	0	0.040	0
182	179	14.68	3.03	3.0	10.6	10.18	0	0	-33	1	0	0	1	1	0	0.040	0
183	180	14.76	3.07	3.0	10.25	9.93	0	0	-40	1	0	0	1	1	0	0.040	0
184	181	14.85	3.1	3.0	10.95	9.94	0	0	-28	1	0	0	1	1	0	0.040	0
185	182	14.93	2.95	2.9	13.04	12.07	0	0	9	1	0	1	1	1	0	0.040	0
186	183	15.01	2.57	2.8	16.6	15.61	0	0	47	1	0	1	1	1	0	0.040	0
187	184	15.09	2.34	2.7	19.88	20.23	0	0	69	1	0	1	1	1	0	0.040	0
188	185	15.17	2.5	2.7	21.37	21.78	0	0	95	1	0	1	0	1	0	0.040	0
189	186	15.26	2.85	2.7	21.04	20.2	0	0	125	1	0	1	0	1	0	0.040	0
190	187	15.34	3.12	2.8	20.43	19.37	0	0	147	1	0	0	0	1	0	0.040	0
191	188	15.42	3.07	2.8	20.54	20.07	0	0	142	1	0	0	0	1	0	0.040	0
192	189	15.5	3.06	2.8	19.35	20.62	0	0	120	1	0	0	0	1	0	0.040	0
193	190	15.58	2.97	2.8	17.2	16.09	0	0	76	1	0	1	1	1	0	0.040	0
194	191	15.67	2.71	2.8	14.36	14.12	0	0	24	1	0	1	1	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.28	2.8	12.73	12.62	0	0	2	1	0	1	1	1	0	0.040	0
196	193	15.83	1.98	2.8	11.82	11.47	0	0	-5	1	0	1	1	1	0	0.040	0
197	194	15.91	1.97	2.8	11.59	11.48	0	0	-6	1	0	1	1	1	0	0.040	0
198	195	15.99	2.01	2.8	11.84	11.77	0	0	-5	1	0	1	1	1	0	0.040	0
199	196	16.08	2.2	2.9	12.07	12	0	0	-4	1	0	1	1	1	0	0.040	0
200	197	16.16	2.5	2.9	12.12	11.96	0	0	-4	1	0	1	1	1	0	0.040	0
201	198	16.24	2.77	2.9	12.08	11.88	0	0	-6	1	0	1	1	1	0	0.040	0
202	199	16.32	3.02	2.9	12	12.04	0	0	-8	1	0	0	1	1	0	0.040	0
203	200	16.4	3.19	3.0	11.98	11.94	0	0	-10	1	0	0	1	1	0	0.040	0
204	201	16.49	3.25	3.0	11.84	11.98	0	0	-14	1	0	0	1	1	0	0.040	0
205	202	16.57	3.2	3.0	11.7	11.74	0	0	-16	1	0	0	1	1	0	0.040	0
206	203	16.65	3.1	3.0	11.45	11.61	0	0	-19	1	0	0	1	1	0	0.040	0
207	204	16.73	2.99	3.0	11.32	11.39	0	0	-20	1	0	1	1	1	0	0.040	0
208	205	16.81	2.88	2.9	11.34	11.43	0	0	-17	1	0	1	1	1	0	0.040	0
209	206	16.9	2.78	2.9	11.47	11.69	0	0	-14	1	0	1	1	1	0	0.040	0
210	207	16.98	2.78	2.9	11.56	11.79	0	0	-13	1	0	1	1	1	0	0.040	0
211	208	17.06	2.86	2.9	11.43	11.74	0	0	-16	1	0	1	1	1	0	0.040	0
212	209	17.14	2.9	3.0	11.17	11.41	0	0	-20	1	0	1	1	1	0	0.040	0
213	210	17.22	2.94	3.0	10.88	11.16	0	0	-26	1	0	1	1	1	0	0.040	0
214	211	17.31	2.93	3.0	10.65	10.96	0	0	-29	1	0	1	1	1	0	0.040	0
215	212	17.39	2.89	3.0	10.56	10.81	0	0	-29	1	0	1	1	1	0	0.040	0
216	213	17.47	2.83	3.0	10.5	10.96	0	0	-29	1	0	1	1	1	0	0.040	0
217	214	17.55	2.75	3.0	10.48	10.84	0	0	-27	1	0	1	1	1	0	0.040	0
218	215	17.63	2.77	3.0	10.27	10.79	0	0	-30	1	0	1	1	1	0	0.040	0
219	216	17.72	2.84	3.0	9.96	10.41	0	0	-37	1	0	1	1	1	0	0.040	0
220	217	17.8	2.9	3.0	9.61	9.97	0	0	-44	1	0	1	1	1	0	0.040	0
221	218	17.88	2.78	3.0	9.27	9.79	0	0	-44	1	0	1	1	1	0	0.040	0
222	219	17.96	2.61	3.0	8.97	9.43	0	0	-42	1	0	1	1	1	0	0.040	0
223	220	18.04	2.48	3.0	8.68	9.11	0	0	-40	1	0	1	1	1	0	0.040	0
224	221	18.13	2.44	3.0	8.56	8.93	0	0	-40	1	0	1	1	1	0	0.040	0
225	222	18.21	2.46	3.0	8.66	9.08	0	0	-40	1	0	1	1	1	0	0.040	0
226	223	18.29	2.53	3.0	8.91	9.4	0	0	-40	1	0	1	1	1	0	0.040	0
227	224	18.37	2.66	3.0	9.25	9.65	0	0	-40	1	0	1	1	1	0	0.040	0
228	225	18.45	2.74	3.0	9.63	10.09	0	0	-38	1	0	1	1	1	0	0.040	0
229	226	18.54	2.85	3.0	10.06	10.55	0	0	-36	1	0	1	1	1	0	0.040	0
230	227	18.62	3.02	3.0	10.35	11.01	0	0	-36	1	0	0	1	1	0	0.040	0
231	228	18.7	3.25	3.0	10.62	11.15	0	0	-39	1	0	0	1	1	0	0.040	0
232	229	18.78	3.35	3.0	11.01	11.57	0	0	-34	1	0	0	1	1	0	0.040	0
233	230	18.86	3.23	3.0	11.61	12.29	0	0	-18	1	0	0	1	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.99	2.9	12.19	12.98	0	0	-5	1	0	1	1	1	0	0.040	0
235	232	19.03	2.78	2.9	12.51	13.3	0	0	0	1	0	1	1	1	0	0.040	0
236	233	19.11	2.87	2.9	12.59	13.25	0	0	1	1	0	1	1	1	0	0.040	0
237	234	19.19	3.12	2.9	12.86	13.3	0	0	7	1	0	0	1	1	0	0.040	0
238	235	19.27	3.45	2.9	13.1	14.16	0	0	15	1	0	0	1	1	0	0.040	0
239	236	19.36	3.6	2.9	13.3	14.1	0	0	22	1	0	0	1	1	0	0.040	0
240	237	19.44	3.73	3.0	13.02	14.03	0	0	16	1	0	0	1	1	0	0.040	0
241	238	19.52	3.82	3.0	12.66	13.54	0	0	5	1	0	0	1	1	0	0.040	0
242	239	19.6	3.89	3.0	12.32	13.14	0	0	-6	1	0	0	1	1	0	0.040	0
243	240	19.68	3.82	3.0	12.1	13.06	0	0	-13	1	0	0	1	1	0	0.040	0
244	241	19.77	3.77	3.0	11.89	12.9	0	0	-20	1	0	0	1	1	0	0.040	0
245	242	19.85	3.81	3.0	11.59	12.54	0	0	-30	1	0	0	1	1	0	0.040	0
246	243	19.93	4.02	3.0	11.23	12.23	0	0	-50	1	0	0	1	1	0	0.040	0
247	244	20.01	4.25	3.1	10.9	11.89	0	0	-76	1	0	0	1	1	0	0.040	0
248	245	20.09	4.35	3.1	10.56	11.6	0	0	-100	1	0	0	1	1	0	0.040	0
249	246	20.18	4.29	3.1	10.51	11.28	0	0	-98	1	0	0	1	1	0	0.040	0
250	247	20.26	4.19	3.0	11.13	11.76	0	0	-62	1	0	0	1	1	0	0.040	0
251	248	20.34	4.04	3.0	12.27	13.52	0	0	9	1	0	0	1	1	0	0.040	0
252	249	20.42	4.17	3.0	13.24	14.89	0	0	33	1	0	0	1	1	0	0.040	0
253	250	20.5	4.42	3.0	13.26	15.08	0	0	41	1	0	0	1	1	0	0.040	0
254	251	20.59	4.78	3.0	12.54	14	0	0	3	1	0	0	1	1	0	0.040	0
255	252	20.67	4.85	3.1	11.88	12.96	0	0	48	1	0	0	1	1	0	0.040	0
256	253	20.75	4.69	3.1	11.62	13.11	0	0	-60	1	0	0	1	1	0	0.040	0
257	254	20.83	4.26	3.0	12.24	13.14	0	0	-12	1	0	0	1	1	0	0.040	0
258	255	20.92	3.95	3.0	13.25	14.82	0	0	28	1	0	0	1	1	0	0.040	0
259	256	21	3.92	2.9	14.53	16.29	0	0	74	1	0	0	1	1	0	0.040	0
260	257	21.08	4.1	2.9	15.82	17.39	0	0	140	1	0	0	0	1	0	0.040	0
261	258	21.16	4.4	2.9	16.65	19.17	0	0	223	1	0	0	0	1	0	0.040	0
262	259	21.24	4.66	2.9	16.42	19.24	0	0	259	1	0	0	0	1	0	0.040	0
263	260	21.33	4.95	3.0	15.02	16.79	0	0	210	1	0	0	0	1	0	0.040	0
264	261	21.41	5.05	3.0	13.15	14.81	0	0	58	1	0	0	1	1	0	0.040	0
265	262	21.49	4.89	3.1	11.44	13.34	0	0	-84	1	0	0	1	1	0	0.040	0
266	263	21.57	4.51	3.1	10.15	11.28	0	0	-138	1	0	0	1	1	0	0.040	0
267	264	21.65	4.11	3.1	9.08	10.65	0	0	-145	1	0	0	1	1	0	0.040	0
268	265	21.74	3.7	3.1	8.54	9.82	0	0	-120	1	0	0	1	1	0	0.040	0
269	266	21.82	3.46	3.1	8.05	9.51	0	0	-110	1	0	0	1	1	0	0.040	0
270	267	21.9	3.33	3.1	7.68	9.04	0	0	-107	1	0	0	1	1	0	0.040	0
271	268	21.98	3.24	3.1	7.31	8.57	0	0	-106	1	0	0	1	1	0	0.040	0
272	269	22.06	2.96	3.1	7.11	8.27	0	0	-87	1	0	1	1	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.48	3.1	7.12	8.33	0	0	-57	1	0	1	1	1	0	0.040	0
274	271	22.23	2.03	3.0	7.25	8.51	0	0	-37	1	0	1	1	1	0	0.040	0
275	272	22.31	1.8	3.0	7.41	8.61	0	0	-29	1	0	1	1	1	0	0.040	0
276	273	22.39	1.94	3.0	8.06	8.81	0	0	-29	1	0	1	1	1	0	0.040	0
277	274	22.47	2.09	2.9	9.45	10.61	0	0	-23	1	0	1	1	1	0	0.040	0
278	275	22.56	2.37	2.9	11.22	13.03	0	0	-12	1	0	1	1	1	0	0.040	0
279	276	22.64	2.68	2.9	12.84	14.52	0	0	4	1	0	1	1	1	0	0.040	0
280	277	22.72	3.02	2.9	13.98	15.94	0	0	25	1	0	0	1	1	0	0.040	0
281	278	22.8	3.36	2.9	14.03	17.18	0	0	35	1	0	0	1	1	0	0.040	0
282	279	22.88	3.73	3.0	13.01	15.22	0	0	16	1	0	0	1	1	0	0.040	0
283	280	22.97	4.24	3.0	11.22	13.03	0	0	-60	1	0	0	1	1	0	0.040	0
284	281	23.05	4.52	3.1	9.73	11.39	0	0	-164	1	0	0	1	1	0	0.040	0
285	282	23.13	4.48	3.2	8.74	10.22	0	0	-215	1	0	0	1	1	0	0.040	0
286	283	23.21	4.26	3.2	8.15	9.64	0	0	-208	1	0	0	1	1	0	0.040	0
287	284	23.29	4.18	3.2	7.77	9.33	0	0	-212	1	0	0	1	1	0	0.040	0
288	285	23.38	4.21	3.2	7.41	8.97	0	0	-234	1	0	0	1	1	0	0.040	0
289	286	23.46	4.09	3.2	7.08	8.48	0	0	-226	1	0	0	1	1	0	0.040	0
290	287	23.54	3.85	3.2	6.84	8.23	0	0	-204	1	0	0	1	1	0	0.040	0
291	288	23.62	3.62	3.2	6.71	8.14	0	0	-164	1	0	0	1	1	0	0.040	0
292	289	23.7	3.38	3.2	6.67	8.03	0	0	-135	1	0	0	1	1	0	0.040	0
293	290	23.79	3.03	3.1	6.72	8.05	0	0	-99	1	0	0	1	1	0	0.040	0
294	291	23.87	2.59	3.1	6.84	8.26	0	0	-66	1	0	1	1	1	0	0.040	0
295	292	23.95	2.39	3.1	6.94	8.42	0	0	-54	1	0	1	1	1	0	0.040	0
296	293	24.03	2.34	3.1	6.97	8.42	0	0	-52	1	0	1	1	1	0	0.040	0
297	294	24.11	2.37	3.1	6.88	8.33	0	0	-54	1	0	1	1	1	0	0.040	0
298	295	24.2	2.45	3.1	6.76	8.09	0	0	-59	1	0	1	1	1	0	0.040	0
299	296	24.28	2.57	3.1	6.93	8.04	0	0	-64	1	0	1	1	1	0	0.040	0
300	297	24.36	2.38	3.0	8.21	8.84	0	0	-41	1	0	1	1	1	0	0.040	0
301	298	24.44	2.1	2.9	10.43	12.34	0	0	-16	1	0	1	1	1	0	0.040	0
302	299	24.52	1.97	2.8	13.2	15.79	0	0	5	1	0	1	1	1	0	0.040	0
303	300	24.61	2.27	2.8	15.21	18.56	0	0	24	1	0	1	1	1	0	0.040	0
304	301	24.69	2.7	2.8	16.33	19.76	0	0	49	1	0	1	1	1	0	0.040	0
305	302	24.77	3.19	2.8	16.74	20.02	0	0	83	1	0	0	0	1	0	0.040	0
306	303	24.85	3.45	2.8	17.15	20.3	0	0	114	1	0	0	0	1	0	0.040	0
307	304	24.93	3.43	2.8	18.37	21.36	0	0	141	1	0	0	0	1	0	0.040	0
308	305	25.02	3.19	2.8	20.34	24.21	0	0	154	1	0	0	0	1	0	0.040	0
309	306	25.1	2.85	2.7	22.39	26.86	0	0	145	1	0	1	0	1	0	0.040	0
310	307	25.18	2.65	2.7	23.62	28.01	0	0	137	1	0	1	0	1	0	0.040	0
311	308	25.26	2.61	2.7	23.67	28.17	0	0	132	1	0	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.63	2.7	22.4	27.04	0	0	120	1	0	1	0	1	0	0.040	0
313	310	25.43	2.63	2.7	19.82	23.87	0	0	88	1	0	1	0	1	0	0.040	0
314	311	25.51	2.48	2.8	16.52	19.69	0	0	42	1	0	1	1	1	0	0.040	0
315	312	25.59	2.45	2.8	14.95	16.02	0	0	25	1	0	1	1	1	0	0.040	0
316	313	25.67	2.39	2.8	15.56	18.61	0	0	30	1	0	1	1	1	0	0.040	0
317	314	25.75	2.56	2.8	16.24	21.42	0	0	42	1	0	1	1	1	0	0.040	0
318	315	25.84	2.87	2.8	14.9	18.45	0	0	36	1	0	1	1	1	0	0.040	0
319	316	25.92	3.57	3.0	12.12	14.43	0	0	-10	1	0	0	1	1	0	0.040	0
320	317	26	4.36	3.1	9.99	12.06	0	0	-130	1	0	0	1	1	0	0.040	0
321	318	26.08	4.61	3.1	9.28	11	0	0	-205	1	0	0	1	1	0	0.040	0
322	319	26.16	3.6	3.0	11.45	11.78	0	0	-29	1	0	0	1	1	0	0.040	0
323	320	26.25	2.55	2.8	15.95	19.33	0	0	39	1	0	1	1	1	0	0.040	0
324	321	26.33	2.04	2.6	20.92	26.44	0	0	60	1	0	1	1	1	0	0.040	0
325	322	26.41	1.93	2.6	23.57	28.08	0.02	0.42	71	1	0	1	1	1	0	0.040	0
326	323	26.49	1.95	2.6	23.87	28.36	0.02	0.41	75	1	0	1	1	1	0	0.020	0
327	324	26.57	2.11	2.6	23.12	27.63	0	0	81	1	0	1	0	1	0	0.000	0
328	325	26.66	2.47	2.7	21.76	25.89	0	0	97	1	0	1	0	1	0	0.000	0
329	326	26.74	3.04	2.8	19.6	24.29	0	0	[illegible]	1	0	0	0	1	0	0.000	0
330	327	26.82	3.72	2.9	16.85	20.96	0	0	34	1	0	0	0	1	0	0.000	0
331	328	26.9	4.52	3.0	13.89	16.86	0	0	[illegible]	1	0	0	0	1	0	0.000	0
332	329	26.98	5.58	3.1	11.03	13.89	0	0	-199	1	0	0	1	1	0	0.000	0
333	330	27.07	6.33	3.2	8.93	10.93	0	0	[illegible]	1	0	0	1	1	0	0.000	0
334	331	27.15	6.44	3.3	7.35	9.47	0	0	-1330	1	0	0	1	1	0	0.000	0
335	332	27.23	5.38	3.3	6.49	8.33	0	0	-699	1	0	0	1	1	0	0.000	0
336	333	27.31	4.36	3.3	6.09	7.84	0	0	-333	1	0	0	1	1	0	0.000	0
337	334	27.39	3.74	3.2	6.07	7.96	0	0	-201	1	0	0	1	1	0	0.000	0
338	335	27.48	3.6	3.2	6.19	8.16	0	[illegible]	-175	1	0	0	1	1	0	0.000	0
339	336	27.56	3.63	3.2	6.21	8.18	0	0	-179	1	0	0	1	1	0	0.000	0
340	337	27.64	3.89	3.2	6.06	7.99	0	0	-228	1	0	0	1	1	0	0.000	0
341	338	27.72	4.27	3.3	5.7	7.63	0	0	-328	1	0	0	1	1	0	0.000	0
342	339	27.8	4.32	3.3	5.44	6.9	0	0	-355	1	0	0	1	1	0	0.000	0
343	340	27.89	3.65	3.3	5.52	7.01	0	0	-202	1	0	0	1	1	0	0.000	0
344	341	27.97	2.94	3.2	5.86	7.68	0	0	-105	1	0	1	1	1	0	0.000	0
345	342	28.05	2.7	3.2	6	7.9	0	0	-83	1	0	1	1	1	0	0.000	0
346	343	28.13	2.92	3.2	5.79	7.51	0	0	-104	1	0	1	1	1	0	0.000	0
347	344	28.21	3.15	3.2	5.5	7.1	0	0	-133	1	0	0	1	1	0	0.000	0
348	345	28.3	3.11	3.2	5.39	6.93	0	0	-130	1	0	0	1	1	0	0.000	0
349	346	28.38	3.22	3.2	5.44	7.04	0	0	-142	1	0	0	1	1	0	0.000	0
350	347	28.46	3.72	3.2	5.95	7.12	0	0	-201	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.65	3.2	7.47	8.57	0	0	-330	1	0	0	1	1	0	0.000	0
352	349	28.63	4.98	3.2	9.46	12.22	0	0	-259	1	0	0	1	1	0	0.000	0
353	350	28.71	5.14	3.1	11.23	14.31	0	0	-123	1	0	0	1	1	0	0.000	0
354	351	28.79	5.27	3.1	11.69	15.39	0	0	-86	1	0	0	1	1	0	0.000	0
355	352	28.87	5.71	3.1	11.36	14.53	0	0	-171	1	0	0	1	1	0	0.000	0
356	353	28.95	6.06	3.2	10.78	13.5	0	0	-335	1	0	0	1	1	0	0.000	0
357	354	29.04	6.25	3.2	10.23	13.41	0	0	-510	1	0	0	1	1	0	0.000	0
358	355	29.12	6.24	3.2	9.91	12.64	0	0	-577	1	0	0	1	1	0	0.000	0
359	356	29.2	6.13	3.2	9.6	12.41	0	0	-595	1	0	0	1	1	0	0.000	0
360	357	29.28	6.01	3.2	9.31	12.32	0	0	-599	1	0	0	1	1	0	0.000	0
361	358	29.36	6.02	3.2	8.78	11.64	0	0	-703	1	0	0	1	1	0	0.000	0
362	359	29.45	6.26	3.3	7.89	10.54	0	0	-1042	1	0	0	1	1	0	0.000	0
363	360	29.53	6.47	3.3	6.94	9.18	0	0	-1468	1	0	0	1	1	0	0.000	0
364	361	29.61	6.48	3.4	6.04	8.31	0	0	-1718	1	0	0	1	1	0	0.000	0
365	362	29.69	6.31	3.4	5.53	7.35	0	0	-1636	1	0	0	1	1	0	0.000	0
366	363	29.77	6.32	3.4	5.37	7.36	0	0	-1686	1	0	0	1	1	0	0.000	0
367	364	29.86	5.97	3.4	5.82	7.66	0	0	-1217	1	0	0	1	1	0	0.000	0
368	365	29.94	4.71	3.2	7.42	8.88	0	0	[illegible]	1	0	0	1	1	0	0.000	0
369	366	30.02	2.95	3.0	11.39	12.93	0	0	18	1	0	1	1	1	0	0.000	0
370	367	30.1	1.78	2.6	19.09	21.73	0	0	[illegible]	1	0	1	1	1	0	0.000	0
371	368	30.18	1.21	2.4	27.36	35.02	0	0	4[illegible]	1	1	1	1	1	0	0.000	0
372	369	30.27	0.96	2.3	32.32	39.5	0	0	51	1	1	1	1	1	0	0.000	0
373	370	30.35	0.92	2.3	32.06	37.35	0	0	49	1	1	1	1	1	0	0.000	0
374	371	30.43	1.22	2.4	28.09	34.14	0	0	52	1	1	1	1	1	0	0.000	0
375	372	30.51	1.86	2.6	22.87	27.61	0	0	63	1	1	1	1	1	0	0.000	0
376	373	30.59	2.86	2.8	17.53	21.4	0	0	74	1	0	1	1	1	0	0.000	0
377	374	30.68	3.92	3.0	13.54	17.19	0	0	38	1	0	0	1	1	0	0.000	0
378	375	30.76	4.72	3.1	10.68	13.49	0	0	-126	1	0	0	1	1	0	0.000	0
379	376	30.84	5.27	3.2	8.5	11.11	0	0	-427	1	0	0	1	1	0	0.000	0
380	377	30.92	5.74	3.3	6.9	9.31	0	0	-857	1	0	0	1	1	0	0.000	0
381	378	31	6.23	3.4	5.79	7.67	0	0	-1484	1	0	0	1	1	0	0.000	0
382	379	31.09	6.01	3.4	5.62	7.06	0	0	-1291	1	0	0	1	1	0	0.000	0
383	380	31.17	4.26	3.2	7.46	8.67	0	0	-241	1	0	0	1	1	0	0.000	0
384	381	31.25	3.09	3.0	10.5	14.24	0	0	-36	1	0	0	1	1	0	0.000	0
385	382	31.33	2.83	2.9	12.86	17.98	0	0	5	1	0	1	1	1	0	0.000	0
386	383	31.41	3.27	2.9	12.61	17.39	0	0	2	1	0	0	1	1	0	0.000	0
387	384	31.5	3.89	3.0	10.56	13.57	0	0	-69	1	0	0	1	1	0	0.000	0
388	385	31.58	4.21	3.1	8.45	10.77	0	0	-186	1	0	0	1	1	0	0.000	0
389	386	31.66	4.06	3.2	6.84	9.73	0	0	-230	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	3.79	3.3	5.79	7.81	0	0	-219	1	0	0	1	1	0	0.000	0
391	388	31.82	3.76	3.3	4.83	6.97	0	0	-244	1	0	0	1	1	0	0.000	0
392	389	31.91	3.62	3.3	4.53	6.27	0	0	-225	1	0	0	1	1	0	0.000	0
393	390	31.99	3.43	3.3	4.63	6.71	0	0	-190	1	0	0	1	1	0	0.000	0
394	391	32.07	3.05	3.3	5.03	7.25	0	0	-130	1	0	0	1	1	0	0.000	0
395	392	32.15	2.75	3.2	5.31	7.64	0	0	-96	1	0	1	1	1	0	0.000	0
396	393	32.23	2.76	3.2	5.39	7.63	0	0	-96	1	0	1	1	1	0	0.000	0
397	394	32.32	2.92	3.2	5.42	7.48	0	0	-110	1	0	1	1	1	0	0.000	0
398	395	32.4	3.16	3.2	5.44	7.54	0	0	-135	1	0	0	1	1	0	0.000	0
399	396	32.48	3.28	3.2	5.49	7.49	0	0	-149	1	0	0	1	1	0	0.000	0
400	397	32.56	3.47	3.3	5.5	7.5	0	0	-174	1	0	0	1	1	0	0.000	0
401	398	32.64	3.64	3.3	5.52	7.54	0	0	-201	1	0	0	1	1	0	0.000	0
402	399	32.73	3.82	3.3	5.57	7.57	0	0	-231	1	0	0	1	1	0	0.000	0
403	400	32.81	3.92	3.3	5.61	7.68	0	0	-250	1	0	0	1	1	0	0.000	0
404	401	32.89	4.02	3.3	5.61	7.73	0	0	-271	1	0	0	1	1	0	0.000	0
405	402	32.97	4.14	3.3	5.53	7.65	0	0	-303	1	0	0	1	1	0	0.000	0
406	403	33.05	4.2	3.3	5.43	7.44	0	0	-323	1	0	0	1	1	0	0.000	0
407	404	33.14	4.26	3.3	5.36	7.47	0	0	-342	1	0	0	1	1	0	0.000	0
408	405	33.22	4.24	3.3	5.38	7.39	0	0	-336	1	0	0	1	1	0	0.000	0
409	406	33.3	4.29	3.3	5.4	7.49	0	0	-349	1	0	0	1	1	0	0.000	0
410	407	33.38	4.35	3.3	5.48	7.53	0	0	-362	1	0	0	1	1	0	0.000	0
411	408	33.46	4.52	3.3	5.54	7.69	0	0	-411	1	0	0	1	1	0	0.000	0
412	409	33.55	4.66	3.3	5.56	7.79	0	0	-459	1	0	0	1	1	0	0.000	0
413	410	33.63	4.82	3.3	5.49	7.75	0	0	-526	1	0	0	1	1	0	0.000	0
414	411	33.71	4.85	3.3	5.38	7.56	0	0	-547	1	0	0	1	1	0	0.000	0
415	412	33.79	4.91	3.4	5.19	7.46	0	0	-589	1	0	0	1	1	0	0.000	0
416	413	33.87	4.88	3.4	4.98	7.08	0	0	-592	1	0	0	1	1	0	0.000	0
417	414	33.96	4.82	3.4	4.79	6.79	0	0	-579	1	0	0	1	1	0	0.000	0
418	415	34.04	4.61	3.4	4.69	6.7	0	0	-496	1	0	0	1	1	0	0.000	0
419	416	34.12	4.38	3.4	4.66	6.64	0	0	-414	1	0	0	1	1	0	0.000	0
420	417	34.2	3.98	3.3	4.72	6.58	0	0	-296	1	0	0	1	1	0	0.000	0
421	418	34.28	3.55	3.3	4.78	6.81	0	0	-206	1	0	0	1	1	0	0.000	0
422	419	34.37	3.22	3.3	4.83	6.8	0	0	-154	1	0	0	1	1	0	0.000	0
423	420	34.45	3.15	3.3	4.83	6.7	0	0	-146	1	0	0	1	1	0	0.000	0
424	421	34.53	3.28	3.3	4.92	6.77	0	0	-161	1	0	0	1	1	0	0.000	0
425	422	34.61	3.4	3.3	5.06	7	0	0	-175	1	0	0	1	1	0	0.000	0
426	423	34.69	3.44	3.3	5.18	7.18	0	0	-178	1	0	0	1	1	0	0.000	0
427	424	34.78	3.51	3.3	5.18	7.29	0	0	-189	1	0	0	1	1	0	0.000	0
428	425	34.86	3.63	3.3	5.09	7.17	0	0	-211	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.77	3.3	5.04	6.88	0	0	-239	1	0	0	1	1	0	0.000	0
430	427	35.02	3.77	3.3	5.11	6.92	0	0	-237	1	0	0	1	1	0	0.000	0
431	428	35.1	3.77	3.3	5.23	7.21	0	0	-233	1	0	0	1	1	0	0.000	0
432	429	35.19	3.88	3.3	5.32	7.31	0	0	-252	1	0	0	1	1	0	0.000	0
433	430	35.27	3.93	3.3	5.35	7.38	0	0	-261	1	0	0	1	1	0	0.000	0
434	431	35.35	3.83	3.3	5.37	7.43	0	0	-240	1	0	0	1	1	0	0.000	0
435	432	35.43	3.65	3.3	5.41	7.46	0	0	-205	1	0	0	1	1	0	0.000	0
436	433	35.51	3.59	3.3	5.46	7.52	0	0	-194	1	0	0	1	1	0	0.000	0
437	434	35.6	3.68	3.3	5.59	7.62	0	0	-205	1	0	0	1	1	0	0.000	0
438	435	35.68	3.81	3.3	5.73	7.94	0	0	-224	1	0	0	1	1	0	0.000	0
439	436	35.76	4	3.3	5.83	8.13	0	0	-258	1	0	0	1	1	0	0.000	0
440	437	35.84	4.13	3.3	5.82	8.1	0	0	-288	1	0	0	1	1	0	0.000	0
441	438	35.92	4.17	3.3	5.74	8.05	0	0	-301	1	0	0	1	1	0	0.000	0
442	439	36.01	4.12	3.3	5.63	7.86	0	0	-294	1	0	0	1	1	0	0.000	0
443	440	36.09	4.07	3.3	5.52	7.68	0	0	-286	1	0	0	1	1	0	0.000	0
444	441	36.17	4	3.3	5.49	7.63	0	0	-272	1	0	0	1	1	0	0.000	0
445	442	36.25	3.93	3.3	5.5	7.65	0	0	-256	1	0	0	1	1	0	0.000	0
446	443	36.33	3.86	3.3	5.51	7.61	0	0	-241	1	0	0	1	1	0	0.000	0
447	444	36.42	3.9	3.3	5.45	7.58	0	0	-252	1	0	0	1	1	0	0.000	0
448	445	36.5	4.07	3.3	5.37	7.46	0	0	-253	1	0	0	1	1	0	0.000	0
449	446	36.58	4.31	3.3	5.28	7.38	0	0	-360	1	0	0	1	1	0	0.000	0
450	447	36.66	4.52	3.3	5.22	7.33	0	0	-430	1	0	0	1	1	0	0.000	0
451	448	36.74	4.62	3.3	5.21	7.29	0	0	-467	1	0	0	1	1	0	0.000	0
452	449	36.83	4.53	3.3	5.31	7.39	0	0	-428	1	0	0	1	1	0	0.000	0
453	450	36.91	4.7	3.3	5.49	7.71	0	0	-478	1	0	0	1	1	0	0.000	0
454	451	36.99	4.75	3.3	6.38	7.9	0	0	-435	1	0	0	1	1	0	0.000	0
455	452	37.07	4.41	3.2	8.5	10.5	0	0	-216	1	0	0	1	1	0	0.000	0
456	453	37.16	3.7	3.0	12.31	15.35	0	0	-6	1	0	0	1	1	0	0.000	0
457	454	37.24	3.21	2.8	16.24	22.71	0	0	75	1	0	0	1	1	0	0.000	0
458	455	37.32	3.07	2.8	19.4	26.21	0	0	122	1	0	0	0	1	0	0.000	0
459	456	37.4	3.09	2.8	20.8	27.92	0	0	150	1	0	0	0	1	0	0.000	0
460	457	37.48	3.15	2.8	20.95	28.01	0	0	160	1	0	0	0	1	0	0.000	0
461	458	37.57	3.23	2.8	19.71	26.93	0	0	146	1	0	0	0	1	0	0.000	0
462	459	37.65	3.42	2.8	17.01	23.57	0	0	108	1	0	0	0	1	0	0.000	0
463	460	37.73	3.83	3.0	13.7	17.97	0	0	40	1	0	0	1	1	0	0.000	0
464	461	37.81	4.46	3.1	10.49	14.18	0	0	-113	1	0	0	1	1	0	0.000	0
465	462	37.89	5.1	3.2	8.15	11.2	0	0	-407	1	0	0	1	1	0	0.000	0
466	463	37.98	5.48	3.3	6.5	8.9	0	0	-753	1	0	0	1	1	0	0.000	0
467	464	38.06	5.3	3.4	5.52	7.68	0	0	-763	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	4.86	3.4	5.11	7.2	0	0	-573	1	0	0	1	1	0	0.000	0
469	466	38.22	4.53	3.4	4.99	7.02	0	0	-447	1	0	0	1	1	0	0.000	0
470	467	38.3	4.27	3.3	5.01	6.9	0	0	-362	1	0	0	1	1	0	0.000	0
471	468	38.39	4.13	3.3	4.99	6.94	0	0	-324	1	0	0	1	1	0	0.000	0
472	469	38.47	3.87	3.3	4.96	6.8	0	0	-262	1	0	0	1	1	0	0.000	0
473	470	38.55	3.5	3.3	4.86	6.87	0	0	-195	1	0	0	1	1	0	0.000	0
474	471	38.63	2.94	3.3	4.83	6.78	0	0	-121	1	0	1	1	1	0	0.000	0
475	472	38.71	2.6	3.2	4.82	6.77	0	0	-90	1	0	1	1	1	0	0.000	0
476	473	38.8	2.43	3.2	4.95	6.79	0	0	-76	1	0	1	1	1	0	0.000	0
477	474	38.88	2.51	3.2	5.07	7.18	0	0	-81	1	0	1	1	1	0	0.000	0
478	475	38.96	2.61	3.2	5.16	7.18	0	0	-87	1	0	1	1	1	0	0.000	0
479	476	39.04	2.76	3.2	5.12	7.15	0	0	-100	1	0	1	1	1	0	0.000	0
480	477	39.12	2.86	3.2	5.06	7.08	0	0	-110	1	0	1	1	1	0	0.000	0
481	478	39.21	2.94	3.2	5.02	7.03	0	0	-118	1	0	1	1	1	0	0.000	0
482	479	39.29	3.03	3.3	4.98	7.03	0	0	-129	1	0	0	1	1	0	0.000	0
483	480	39.37	3.12	3.3	4.97	6.98	0	0	-139	1	0	0	1	1	0	0.000	0
484	481	39.45	3.19	3.3	4.98	7.02	0	0	-148	1	0	0	1	1	0	0.000	0
485	482	39.53	3.19	3.3	5.03	7.06	0	0	-147	1	0	0	1	1	0	0.000	0
486	483	39.62	3.24	3.3	5.12	7.17	0	0	-151	1	0	0	1	1	0	0.000	0
487	484	39.7	3.28	3.3	5.24	7.33	0	0	-154	1	0	0	1	1	0	0.000	0
488	485	39.78	3.33	3.2	5.4	7.52	0	0	-157	1	0	0	1	1	0	0.000	0
489	486	39.86	3.39	3.2	5.54	7.79	0	0	-162	1	0	0	1	1	0	0.000	0
490	487	39.94	3.43	3.2	5.69	7.93	0	0	-164	1	0	0	1	1	0	0.000	0
491	488	40.03	3.49	3.2	5.79	8.16	0	0	-170	1	0	0	1	1	0	0.000	0
492	489	40.11	3.44	3.2	5.83	8.22	0	0	-162	1	0	0	1	1	0	0.000	0
493	490	40.19	3.42	3.2	5.75	8.17	0	0	-161	1	0	0	1	1	0	0.000	0
494		40.27	3.44	3.2	5.57	7.9	0	0	-168	1	0	0	1	1	0	0.000	0
495		40.35	3.5	3.3	5.33	7.6	0	0	-183	1	0	0	1	1	0	0.000	0
496		40.44	3.47	3.3	5.09	7.26	0	0	-185	1	0	0	1	1	0	0.000	0
497		40.52	3.26	3.3	4.91	6.98	0	0	-158	1	0	0	1	1	0	0.000	0
498		40.6	2.85	3.3	4.82	6.88	0	0	-112	1	0	1	1	1	0	0.000	0
499		40.68	2.41	3.2	4.78	6.85	0	0	-77	1	0	1	1	1	0	0.000	0
500		40.76	2.07	3.2	4.79	6.75	0	0	-56	1	0	1	1	1	0	0.000	0
501		40.85	1.95	3.2	4.84	6.81	0	0	-50	1	0	1	1	1	0	0.000	0
502		40.93	1.95	3.2	4.99	6.94	0	0	-49	1	0	1	1	1	0	0.000	0
503		41.01	2.05	3.2	5.26	7.2	0	0	-52	1	0	1	1	1	0	0.000	0
504		41.09	2.14	3.1	5.66	7.76	0	0	-53	1	0	1	1	1	0	0.000	0
505		41.17	2.15	3.1	6.11	8.48	0	0	-50	1	0	1	1	1	0	0.000	0
506		41.26	2.1	3.1	6.44	8.99	0	0	-46	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507		41.34	2.18	3.1	6.6	9.22	0	0	-48	1	0	1	1	1	0	0.000	0
508		41.42	2.46	3.1	6.67	9.16	0	0	-61	1	0	1	1	1	0	0.000	0
509		41.5	2.55	3.1	6.97	9.34	0	0	-62	1	0	1	1	1	0	0.000	0
510		41.58	2.36	3.1	7.42	10.23	0	0	-48	1	0	1	1	1	0	0.000	0
511		41.67	1.98	3.0	7.58	10.9	0	0	-33	1	0	1	1	1	0	0.000	0
512		41.75	1.84	3.0	7.25	10.34	0	0	-31	1	0	1	1	1	0	0.000	0
513		41.83	1.78	3.0	6.59	9.42	0	0	-33	1	0	1	1	1	0	0.000	0
514		41.91	1.74	3.1	6.12	8.51	0	0	-35	1	0	1	1	1	0	0.000	0
515		41.99	1.59	3.1	5.92	8.19	0	0	-31	1	0	1	1	1	0	0.000	0
516		42.08	1.53	3.0	5.92	8.19	0	0	-29	1	0	1	1	1	0	0.000	0
517		42.16	1.67	3.1	6.07	8.28	0	0	-33	1	0	1	1	1	0	0.000	0
518		42.24	1.98	3.1	6.26	8.69	0	0	-42	1	0	1	1	1	0	0.000	0
519		42.32	2.52	3.1	6.61	8.95	0	0	-65	1	0	1	1	1	0	0.000	0
520		42.4	3.08	3.1	7.01	9.58	0	0	-98	1	0	0	1	1	0	0.000	0
521		42.49	3.11	3.1	7.88	10.25	0	0	-85	1	0	0	1	1	0	0.000	0
522		42.57	2.55	3.0	9.08	12.4	0	0	-38	1	0	1	1	1	0	0.000	0
523		42.65	1.94	2.9	10.19	14.63	0	0	-15	1	0	1	1	1	0	0.000	0
524		42.73	1.74	2.9	10.25	15.17	0	0	-12	1	0	1	1	1	0	0.000	0
525		42.81	2.02	2.9	9.11	13.34	0	0	-24	1	0	1	1	1	0	0.000	0
526		42.9	2.5	3.1	7.54	10.68	0	0	-53	1	0	1	1	1	0	0.000	0
527		42.98	2.59	3.1	6.49	9.06	0	0	-70	1	0	1	1	1	0	0.000	0
528		43.06	2.17	3.1	6.07	8.89	0	0	-52	1	0	1	1	1	0	0.000	0
529		43.14	1.65	3.1	5.81	8.68	0	0	-33	1	0	1	1	1	0	0.000	0
530		43.22	1.51	3.1	5.31	7.86	0	0	-31	1	0	1	1	1	0	0.000	0
531		43.31	1.66	3.1	4.78	6.89	0	0	-39	1	0	1	1	1	0	0.000	0
532		43.39	1.96	3.2	4.49	6.37	0	0	-53	1	0	1	1	1	0	0.000	0
533		43.47	2.23	3.2	4.43	6.38	0	0	-68	1	0	1	1	1	0	0.000	0
534		43.55	2.47	3.3	4.5	6.46	0	0	-84	1	0	1	1	1	0	0.000	0
535		43.63	2.69	3.3	4.57	6.68	0	0	-101	1	0	1	1	1	0	0.000	0
536		43.72	2.95	3.3	4.66	6.82	0	0	-125	1	0	1	1	1	0	0.000	0
537		43.8	3.14	3.3	4.73	6.92	0	0	-146	1	0	0	1	1	0	0.000	0
538		43.88	3.27	3.3	4.8	7.04	0	0	-162	1	0	0	1	1	0	0.000	0
539		43.96	3.29	3.3	4.91	7.15	0	0	-162	1	0	0	1	1	0	0.000	0
540		44.04	3.25	3.3	5.03	7.37	0	0	-154	1	0	0	1	1	0	0.000	0
541		44.13	3.25	3.3	5.17	7.52	0	0	-151	1	0	0	1	1	0	0.000	0
542		44.21	3.3	3.3	5.33	7.66	0	0	-155	1	0	0	1	1	0	0.000	0
543		44.29	3.43	3.3	5.44	7.94	0	0	-170	1	0	0	1	1	0	0.000	0
544		44.37	3.57	3.3	5.5	7.99	0	0	-190	1	0	0	1	1	0	0.000	0
545		44.45	3.75	3.3	5.47	8.06	0	0	-221	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546		44.54	3.97	3.3	5.44	7.99	0	0	-267	1	0	0	1	1	0	0.000	0
547		44.62	4.2	3.3	5.42	8.03	0	0	-323	1	0	0	1	1	0	0.000	0
548		44.7	4.35	3.3	5.41	8.04	0	0	-365	1	0	0	1	1	0	0.000	0
549		44.78	4.43	3.3	5.33	8.03	0	0	-394	1	0	0	1	1	0	0.000	0
550		44.86	4.49	3.3	5.19	7.83	0	0	-422	1	0	0	1	1	0	0.000	0
551		44.95	4.63	3.4	5.03	7.6	0	0	-482	1	0	0	1	1	0	0.000	0
552		45.03	4.54	3.4	4.9	7.46	0	0	-456	1	0	0	1	1	0	0.000	0
553		45.11	4.14	3.3	4.88	7.3	0	0	-331	1	0	0	1	1	0	0.000	0
554		45.19	3.62	3.3	4.94	7.41	0	0	-214	1	0	0	1	1	0	0.000	0
555		45.27	3.31	3.3	5.12	7.63	0	0	-161	1	0	0	1	1	0	0.000	0
556		45.36	3.22	3.2	5.51	7.88	0	0	-141	1	0	0	1	1	0	0.000	0
557		45.44	3.31	3.2	5.84	8.69	0	0	-145	1	0	0	1	1	0	0.000	0
558		45.52	3.56	3.2	6.15	8.74	0	0	-171	1	0	0	1	1	0	0.000	0
559		45.6	4.14	3.2	6.34	9.12	0	0	-268	1	0	0	1	1	0	0.000	0
560		45.69	4.72	3.3	6.65	9.62	0	0	-406	1	0	0	1	1	0	0.000	0
561		45.77	5.36	3.3	6.92	10.24	0	0	-639	1	0	0	1	1	0	0.000	0
562		45.85	5.8	3.3	7.08	10.51	0	0	-868	1	0	0	1	1	0	0.000	0
563		45.93	6.13	3.3	7.13	10.65	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
564		46.01	6.37	3.3	7.15	10.71	0	0	-1[illegible]12	1	0	0	1	1	0	0.000	0
565		46.1	6.44	3.3	7.18	10.65	0	0	-13[illegible]4	1	0	0	1	1	0	0.000	0
566		46.18	6.39	3.3	7.15	10.77	0	0	-1332	1	0	0	1	1	0	0.000	0
567		46.26	6.35	3.3	6.98	10.64	0	0	-[illegible]34	1	0	0	1	1	0	0.000	0
568		46.34	6.35	3.3	6.75	10.13	0	0	-1390	1	0	0	1	1	0	0.000	0
569		46.42	6.4	3.3	6.57	9.87	0	0	-1487	1	0	0	1	1	0	0.000	0
570		46.51	6.16	3.3	6.62	9.9	0	0	-1234	1	0	0	1	1	0	0.000	0
571		46.59	5.8	3.3	6.76	10.11	0	0	-920	1	0	0	1	1	0	0.000	0
572		46.67	5.51	3.3	6.87	10.32	0	0	-723	1	0	0	1	1	0	0.000	0
573		46.75	5.44	3.3	6.83	10.25	0	0	-690	1	0	0	1	1	0	0.000	0
574		46.83	5.51	3.3	6.64	9.97	0	0	-753	1	0	0	1	1	0	0.000	0
575		46.92	5.61	3.3	6.45	9.57	0	0	-839	1	0	0	1	1	0	0.000	0
576		47	5.48	3.3	6.38	9.44	0	0	-768	1	0	0	1	1	0	0.000	0
577		47.08	5.33	3.3	6.53	9.59	0	0	-668	1	0	0	1	1	0	0.000	0
578		47.16	5.27	3.3	6.77	10.04	0	0	-612	1	0	0	1	1	0	0.000	0
579		47.24	5.41	3.3	7.11	10.37	0	0	-641	1	0	0	1	1	0	0.000	0
580		47.33	5.62	3.3	7.41	11.06	0	0	-711	1	0	0	1	1	0	0.000	0
581		47.41	5.84	3.3	7.59	11.52	0	0	-811	1	0	0	1	1	0	0.000	0
582		47.49	6.19	3.3	7.44	11.39	0	0	-1086	1	0	0	1	1	0	0.000	0
583		47.57	6.69	3.3	7.11	10.75	0	0	-1672	1	0	0	1	1	0	0.000	0
584		47.65	7.09	3.4	6.88	10.33	0	0	-2326	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585		47.74	7.07	3.3	6.96	10.48	0	0	-2261	1	0	0	1	1	0	0.000	0
586		47.82	6.82	3.3	7.23	10.95	0	0	-1796	1	0	0	1	1	0	0.000	0
587		47.9	6.5	3.3	7.65	11.24	0	0	-1309	1	0	0	1	1	0	0.000	0
588		47.98	6.39	3.3	8.05	11.99	0	0	-1108	1	0	0	1	1	0	0.000	0
589		48.06	6.57	3.3	8.48	12.53	0	0	-1142	1	0	0	1	1	0	0.000	0
590		48.15	7.07	3.3	8.75	13.16	0	0	-1530	1	0	0	1	1	0	0.000	0
591		48.23	7.79	3.3	8.77	13.38	0	0	-2529	1	0	0	1	1	0	0.000	0
592		48.31	8.14	3.3	8.59	12.93	0	0	-3376	1	0	0	1	1	0	0.000	0
593		48.39	8.23	3.3	8.09	12.59	0	0	-4050	1	0	0	1	1	0	0.000	0
594		48.47	7.99	3.4	7.45	11.48	0	0	-3933	1	0	0	1	1	0	0.000	0
595		48.56	8.19	3.4	6.65	10.39	0	0	-5227	1	0	0	1	1	0	0.000	0
596		48.64	8.14	3.4	6.17	9.46	0	0	-5466	1	0	0	1	1	0	0.000	0
597		48.72	8.2	3.4	5.87	9.34	0	0	-5965	1	0	0	1	1	0	0.000	0
598		48.8	8.06	3.5	5.73	9.01	0	0	-5533	1	0	0	1	1	0	0.000	0
599		48.88	8.21	3.5	5.56	8.72	0	0	-6286	1	0	0	1	1	0	0.000	0
600		48.97	8.07	3.5	5.54	8.7	0	0	-5728	1	0	0	1	1	0	0.000	0
601		49.05	7.82	3.5	5.57	8.94	0	0	-4799	1	0	0	1	1	0	0.000	0
602		49.13	7.61	3.4	5.5	8.88	0	0	-4[illegible]87	1	0	0	1	1	0	0.000	0
603		49.21	7.54	3.5	5.33	8.47	0	0	-4[illegible]83	1	0	0	1	1	0	0.000	0
604		49.29	7.39	3.5	5.13	8.29	0	0	-37[illegible]6	1	0	0	1	1	0	0.000	0
605		49.38	7.04	3.5	5.07	8.13	0	0	-2967	1	0	0	1	1	0	0.000	0
606		49.46	6.5	3.4	5.05	8.18	0	0	-[illegible]211	1	0	0	1	1	0	0.000	0
607		49.54	5.97	3.4	5.02	8.13	0	0	-1362	1	0	0	1	1	0	0.000	0
608		49.62	5.64	3.4	4.95	7.97	0	0	-1071	1	0	0	1	1	0	0.000	0
609		49.7	5.39	3.4	4.88	7.85	0	0	-893	1	0	0	1	1	0	0.000	0
610		49.79	5.05	3.4	4.79	7.77	0	0	-694	1	0	0	1	1	0	0.000	0
611		49.87	4.65	3.4	4.75	7.58	0	0	-508	1	0	0	1	1	0	0.000	0
612		49.95	4.49	3.4	4.75	7.61	0	0	-447	1	0	0	1	1	0	0.000	0
613		50.03	4.78	3.4	4.99	7.66	0	0	-546	1	0	0	1	1	0	0.000	0
614		50.11	5.04	3.3	5.83	8.31	0	0	-595	1	0	0	1	1	0	0.000	0
615		50.2	2.96	3.1	7.44	10.74	0	0	-81	1	0	1	1	1	0	0.000	0
616		50.28	1.35	2.8	9.31	13.93	0	0	-12	1	0	1	1	1	0	0.000	0
617		50.36	0	4.1	11.28	16.06	0	0	-1	1	0	1	1	1	0	0.000	0
618		50.44	0	4.1	13.23	19.29	0	0	1	1	0	1	1	1	0	0.000	0
619		50.52	0	4.1	14.71	22.63	0	0	2	1	0	1	1	1	0	0.000	0

DRAFT

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Merarhias 56
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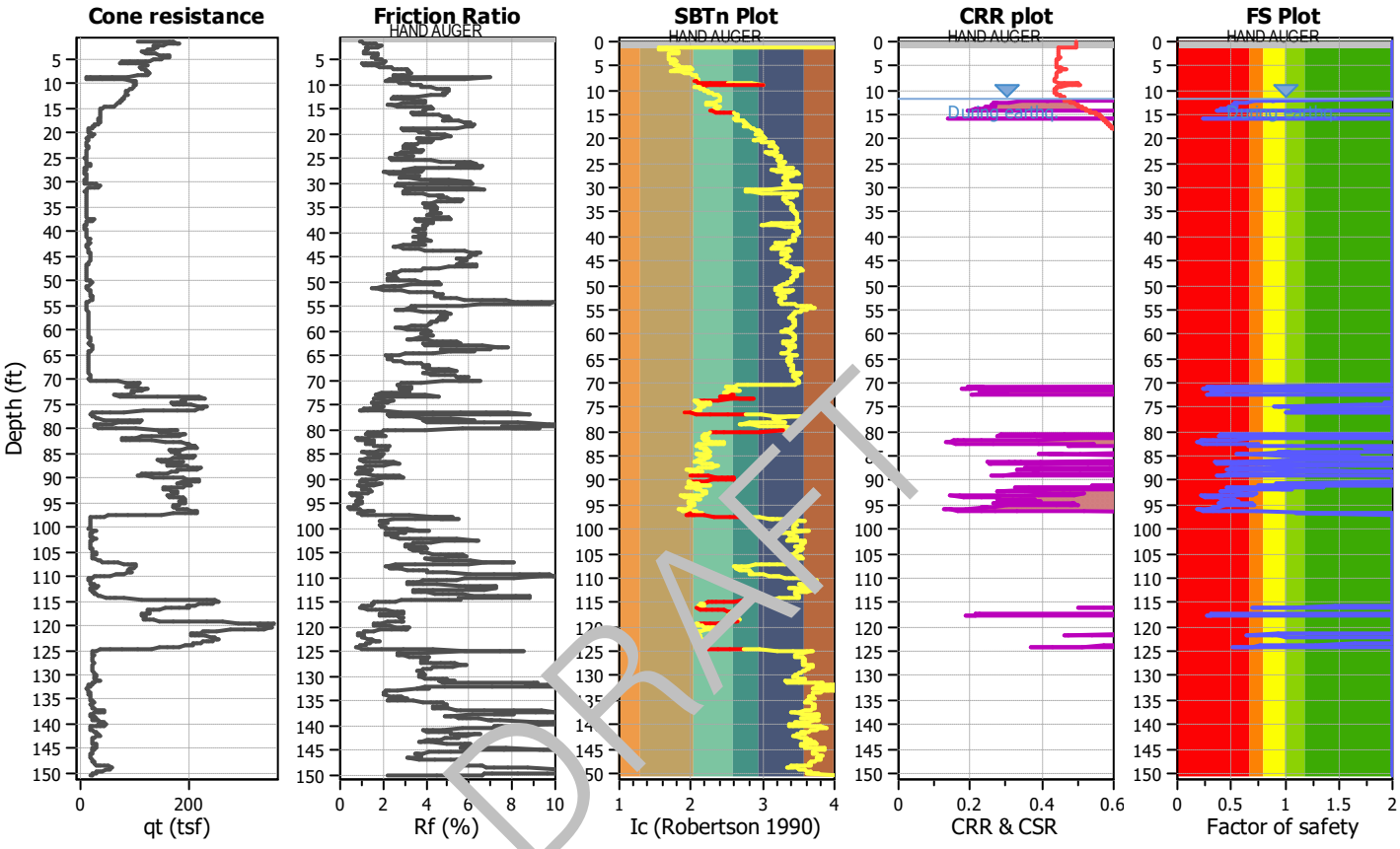
LIQUEFACTION ANALYSIS REPORT

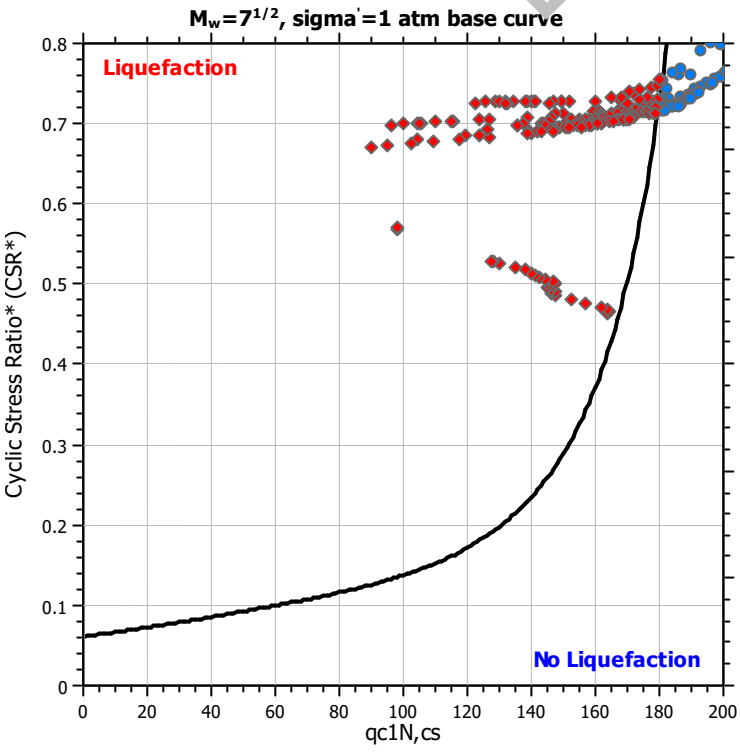
Project title : **Location :**

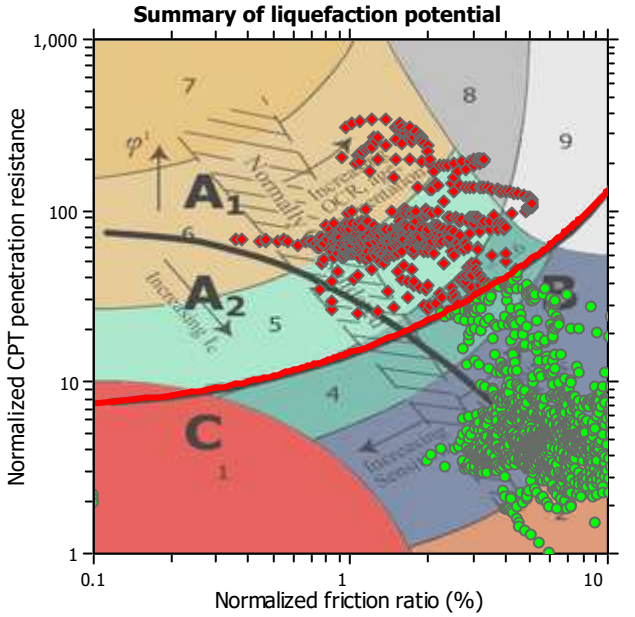
CPT file : CPT-11

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

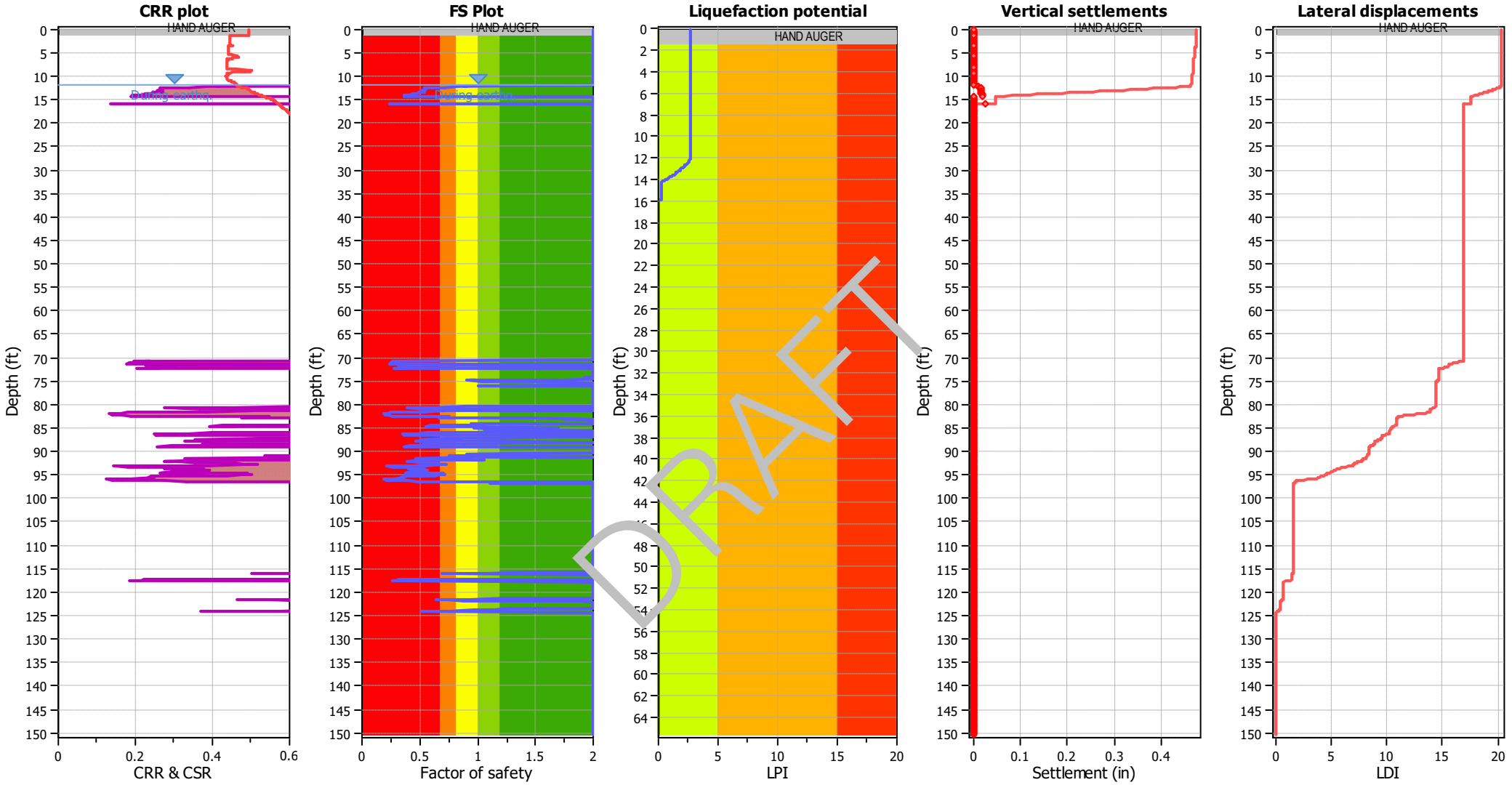






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-11, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.530	0
20	17	1.39	0.92	1.7	202.26	254	0	0	173	0	1	1	0	1	0	0.530	0
21	18	1.48	0.95	1.6	308.46	254	0	0	759	0	1	1	0	1	0	0.530	0
22	19	1.56	1.01	1.6	321.79	254	0	0	841	0	1	1	0	1	0	0.530	0
23	20	1.64	1.09	1.6	336.52	254	0	0	951	0	1	1	0	1	0	0.530	0
24	21	1.72	1.2	1.6	343.64	254	0	0	1080	0	1	1	0	1	0	0.530	0
25	22	1.8	1.37	1.7	337.51	254	0	0	1245	0	1	1	0	1	0	0.530	0
26	23	1.89	1.55	1.7	322.13	254	0	0	1404	0	1	1	0	1	0	0.530	0
27	24	1.97	1.69	1.8	305.44	254	0	0	1513	0	1	1	0	1	0	0.530	0
28	25	2.05	1.79	1.8	290.73	247.15	0	0	1576	0	1	1	0	1	0	0.530	0
29	26	2.13	1.84	1.8	278.21	239.75	0	0	1576	0	1	1	0	1	0	0.530	0
30	27	2.21	1.88	1.8	266.99	234.09	0	0	1566	0	1	1	0	1	0	0.530	0
31	28	2.3	1.9	1.8	258.19	227.88	0	0	1540	0	1	1	0	1	0	0.530	0
32	29	2.38	1.9	1.8	254.58	225.49	0	0	1517	0	1	1	0	1	0	0.530	0
33	30	2.46	1.74	1.8	256.31	220.92	0	0	1319	0	1	1	0	1	0	0.530	0
34	31	2.54	1.51	1.8	260.81	222.36	0	0	1085	0	1	1	0	1	0	0.530	0
35	32	2.62	1.27	1.7	264.58	225.6	0	0	878	0	1	1	0	1	0	0.530	0
36	33	2.71	1.23	1.7	265.53	227.5	0	0	849	0	1	1	0	1	0	0.530	0
37	34	2.79	1.25	1.7	262.92	224.81	0	0	856	0	1	1	0	1	0	0.530	0
38	35	2.87	1.25	1.7	257.33	218.96	0	0	837	0	1	1	0	1	0	0.530	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.2	1.7	250.44	213.23	0	0	776	0	1	1	0	1	0	0.530	0
40	37	3.03	1.18	1.7	243.11	207.28	0	0	738	0	1	1	0	1	0	0.530	0
41	38	3.12	1.17	1.7	236.7	200.31	0	0	710	0	1	1	0	1	0	0.530	0
42	39	3.2	1.15	1.7	229.39	196.93	0	0	674	0	1	1	0	1	0	0.530	0
43	40	3.28	1.11	1.7	221.55	188.67	0	0	626	0	1	1	0	1	0	0.530	0
44	41	3.36	1.06	1.7	213.01	180.35	0	0	572	0	1	1	0	1	0	0.530	0
45	42	3.44	1.08	1.7	210.15	175.19	0	0	575	0	1	1	0	1	0	0.530	0
46	43	3.53	1.1	1.7	216.07	181.37	0	0	603	0	1	1	0	1	0	0.530	0
47	44	3.61	1.14	1.7	226.66	194.22	0	0	659	0	1	1	0	1	0	0.530	0
48	45	3.69	1.22	1.7	236.92	198.39	0	0	746	0	1	1	0	1	0	0.530	0
49	46	3.77	1.38	1.7	241.9	199.84	0	0	887	0	1	1	0	1	0	0.530	0
50	47	3.85	1.57	1.8	250.18	199.36	0	0	1098	0	1	1	0	1	0	0.530	0
51	48	3.94	1.7	1.8	262.23	210.19	0	0	1302	0	1	1	0	1	0	0.530	0
52	49	4.02	1.72	1.8	278.5	218.67	0	0	1413	0	1	1	0	1	0	0.530	0
53	50	4.1	1.69	1.8	291.9	224.89	0	0	1443	0	1	1	0	1	0	0.530	0
54	51	4.18	1.64	1.7	300.63	228.91	0	0	1421	0	1	1	0	1	0	0.530	0
55	52	4.26	1.59	1.7	305.31	229.83	0	0	1378	0	1	1	0	1	0	0.530	0
56	53	4.35	1.54	1.7	306.66	229.54	0	0	[illegible]	0	1	1	0	1	0	0.530	0
57	54	4.43	1.51	1.7	305.81	228.16	0	0	[illegible]	0	1	1	0	1	0	0.530	0
58	55	4.51	1.5	1.7	302.44	227.71	0	0	[illegible]	0	1	1	0	1	0	0.530	0
59	56	4.59	1.53	1.7	297.53	225.72	0	0	[illegible]	0	1	1	0	1	0	0.530	0
60	57	4.68	1.58	1.7	290.19	219.08	0	0	[illegible]	0	1	1	0	1	0	0.530	0
61	58	4.76	1.65	1.8	282.62	213.06	0	0	1344	0	1	1	0	1	0	0.530	0
62	59	4.84	1.69	1.8	276.13	209.52	0	0	1362	0	1	1	0	1	0	0.530	0
63	60	4.92	1.73	1.8	271.99	207.24	0	0	1391	0	1	1	0	1	0	0.530	0
64	61	5	1.77	1.8	265.4	206.73	0	0	1406	0	1	1	0	1	0	0.530	0
65	62	5.09	1.85	1.8	258.05	201.82	0	[illegible]	1470	0	1	1	0	1	0	0.530	0
66	63	5.17	1.94	1.9	249.54	201.39	0	0	1541	0	1	1	0	1	0	0.530	0
67	64	5.25	1.99	1.9	238.92	202.01	0	0	1541	0	1	1	0	1	0	0.530	0
68	65	5.33	2	1.9	222.58	195.59	0	0	1442	0	1	1	0	1	0	0.530	0
69	66	5.41	2.04	1.9	198.76	186.41	0	0	1326	0	1	1	0	1	0	0.530	0
70	67	5.5	2.11	2.0	170.3	173.27	0	0	1197	0	1	1	0	1	0	0.530	0
71	68	5.58	2.14	2.0	145.03	155.27	0	0	1033	1	1	1	0	1	0	0.530	0
72	69	5.66	2.02	2.0	134.85	148.2	0	0	855	1	1	1	0	1	0	0.530	0
73	70	5.74	1.81	2.0	136.71	151.65	0	0	717	1	1	1	0	1	0	0.530	0
74	71	5.82	1.47	1.9	154.96	139.49	0	0	599	1	1	1	0	1	0	0.530	0
75	72	5.91	1.18	1.8	171.82	157.28	0	0	510	1	1	1	0	1	0	0.530	0
76	73	5.99	1.04	1.7	187.93	164.95	0	0	491	0	1	1	0	1	0	0.530	0
77	74	6.07	1.09	1.7	196.05	167	0	0	539	0	1	1	0	1	0	0.530	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	1.27	1.8	199.28	174.42	0	0	651	0	1	1	0	1	0	0.530	0
79	76	6.23	1.49	1.8	199.63	168.87	0	0	802	0	1	1	0	1	0	0.530	0
80	77	6.32	1.7	1.9	197.52	174.5	0	0	965	0	1	1	0	1	0	0.530	0
81	78	6.4	1.87	1.9	194.26	187.69	0	0	1108	0	1	1	0	1	0	0.530	0
82	79	6.48	2.04	1.9	190.54	184.77	0	0	1268	0	1	1	0	1	0	0.530	0
83	80	6.56	2.22	2.0	184.66	187.07	0	0	1443	0	1	1	0	1	0	0.530	0
84	81	6.64	2.32	2.0	183.89	188.2	0	0	1571	0	1	1	0	1	0	0.530	0
85	82	6.73	2.37	2.0	185.39	193.39	0	0	1657	0	1	1	0	1	0	0.530	0
86	83	6.81	2.5	2.0	188.73	196.39	0	0	1896	0	1	1	0	1	0	0.530	0
87	84	6.89	2.69	2.0	192.52	201.4	0	0	2291	0	1	1	0	1	0	0.530	0
88	85	6.97	2.89	2.1	196.52	207.83	0	0	2789	0	1	1	0	1	0	0.530	0
89	86	7.05	3.02	2.1	198.97	211.29	0	0	3163	0	1	0	0	1	0	0.530	0
90	87	7.14	3.13	2.1	198.43	212.39	0	0	3467	0	1	0	0	1	0	0.530	0
91	88	7.22	3.18	2.1	198.58	210.24	0	0	3622	0	1	0	0	1	0	0.530	0
92	89	7.3	3.16	2.1	198.95	214.51	0	0	3568	0	1	0	0	1	0	0.530	0
93	90	7.38	3.12	2.1	199.93	215.08	0	0	3465	0	1	0	0	1	0	0.530	0
94	91	7.46	3.12	2.1	200.19	214.19	0	0	3470	0	1	0	0	1	0	0.530	0
95	92	7.55	3.17	2.1	200	216.87	0	0	[illegible]	0	1	0	0	1	0	0.530	0
96	93	7.63	3.22	2.1	200.28	216.9	0	0	[illegible]	0	1	0	0	1	0	0.530	0
97	94	7.71	3.27	2.1	199.84	217.81	0	0	[illegible]	0	1	0	0	1	0	0.530	0
98	95	7.79	3.3	2.1	199.97	218.48	0	0	[illegible]	0	1	0	0	1	0	0.530	0
99	96	7.87	3.31	2.1	199.44	219.74	0	0	[illegible]	0	1	0	0	1	0	0.530	0
100	97	7.96	3.27	2.1	196.59	218.57	0	0	3870	0	1	0	0	1	0	0.530	0
101	98	8.04	3.15	2.1	190.65	213.15	0	0	3380	0	1	0	0	1	0	0.530	0
102	99	8.12	2.99	2.1	183.22	206.37	0	0	2822	0	1	1	0	1	0	0.530	0
103	100	8.2	2.82	2.1	176.05	200.69	0	0	2332	0	1	1	0	1	0	0.530	0
104	101	8.28	2.61	2.1	169.09	194.4	0	[illegible]	1857	0	1	1	0	1	0	0.530	0
105	102	8.37	2.52	2.1	154.49	190.72	0	0	1555	0	1	1	0	1	0	0.530	0
106	103	8.45	2.52	2.1	129.99	168.04	0	0	1287	0	1	1	0	1	0	0.530	0
107	104	8.53	3.06	2.3	90.84	142.73	0	0	1376	1	1	0	0	1	0	0.530	0
108	105	8.61	4.03	2.5	55.85	92.75	0	0	1721	1	1	0	0	1	0	0.530	0
109	106	8.69	6.33	2.9	29.29	21.29	0	0	3999	1	0	0	0	1	0	0.530	0
110	107	8.78	7.28	3.0	20.07	13.91	0	0	3588	1	0	0	0	1	0	0.530	0
111	108	8.86	6.04	2.9	21.56	12.39	0	0	1739	1	0	0	0	1	0	0.530	0
112	109	8.94	3.71	2.6	37.44	24.88	0	0	760	1	0	0	0	1	0	0.530	0
113	110	9.02	3.13	2.4	60.12	116.13	0	0	888	1	1	0	0	1	0	0.530	0
114	111	9.1	2.61	2.2	88.98	130.43	0	0	907	1	1	1	0	1	0	0.530	0
115	112	9.19	2.29	2.1	113.09	158.34	0	0	898	1	1	1	0	1	0	0.530	0
116	113	9.27	2.08	2.1	131.94	170.5	0	0	882	0	1	1	0	1	0	0.530	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.19	2.0	141.39	174.52	0	0	1051	0	1	1	0	1	0	0.530	0
118	115	9.43	2.46	2.1	142.61	181.5	0	0	1351	0	1	1	0	1	0	0.530	0
119	116	9.51	2.67	2.1	141.11	178.66	0	0	1608	0	1	1	0	1	0	0.530	0
120	117	9.6	2.8	2.1	137.97	178.26	0	0	1758	0	1	1	0	1	0	0.530	0
121	118	9.68	2.9	2.2	136.18	178.63	0	0	1891	0	1	1	0	1	0	0.530	0
122	119	9.76	3.02	2.2	135.71	177.91	0	0	2090	0	1	0	0	1	0	0.530	0
123	120	9.84	3.16	2.2	136.68	180.39	0	0	2376	0	1	0	0	1	0	0.530	0
124	121	9.92	3.24	2.2	138.41	183.75	0	0	2580	0	1	0	0	1	0	0.530	0
125	122	10.01	3.31	2.2	138.56	185.29	0	0	2742	0	1	0	0	1	0	0.530	0
126	123	10.09	3.42	2.2	136.77	183.17	0	0	2967	0	1	0	0	1	0	0.530	0
127	124	10.17	3.56	2.2	134.24	181.43	0	0	3271	0	1	0	0	1	0	0.530	0
128	125	10.25	3.71	2.2	132.64	181.02	0	0	3660	0	1	0	0	1	0	0.530	0
129	126	10.33	3.76	2.3	131.48	181.14	0	0	3779	0	1	0	0	1	0	0.530	0
130	127	10.42	3.79	2.3	130.26	180.42	0	0	3835	0	1	0	0	1	0	0.530	0
131	128	10.5	3.86	2.3	129.47	179.37	0	0	4037	0	1	0	0	1	0	0.530	0
132	129	10.58	3.98	2.3	128.86	180.77	0	0	4434	0	1	0	0	1	0	0.530	0
133	130	10.66	4.13	2.3	128.7	180.67	0	0	5008	0	1	0	0	1	0	0.530	0
134	131	10.74	4.29	2.3	127.44	181.12	0	0	[illegible]	0	1	0	0	1	0	0.530	0
135	132	10.83	4.49	2.3	125.73	179.42	0	0	6[illegible]33	0	1	0	0	1	0	0.530	0
136	133	10.91	4.69	2.3	123.43	178.02	0	0	75[illegible]1	0	1	0	0	1	0	0.530	0
137	134	10.99	4.86	2.4	121	176.53	0	0	840[illegible]	0	1	0	0	1	0	0.530	0
138	135	11.07	4.97	2.4	118.57	174.3	0	0	[illegible]262	0	1	0	0	1	0	0.530	0
139	136	11.15	5.06	2.4	115.72	172.74	0	0	9359	0	1	0	0	1	0	0.530	0
140	137	11.24	5.08	2.4	113.17	169.57	0	0	9271	0	1	0	0	1	0	0.530	0
141	138	11.32	5.09	2.4	110.74	168.26	0	0	9119	0	1	0	0	1	0	0.530	0
142	139	11.4	5.05	2.4	108.81	166.66	0	0	8664	0	1	0	0	1	0	0.530	0
143	140	11.48	5.04	2.4	107.26	164.98	0	[illegible]	8458	0	1	0	0	1	0	0.530	0
144	141	11.56	5.03	2.4	105.8	164.64	0	0	8263	0	1	0	0	1	0	0.530	0
145	142	11.65	4.99	2.4	104.68	163.18	0	0	7912	0	1	0	0	1	0	0.530	0
146	143	11.73	4.96	2.4	103.74	162.62	0	0	7649	0	1	0	0	1	0	0.530	0
147	144	11.81	4.91	2.4	103.24	162.62	0	0	7313	0	1	0	0	1	0	0.530	0
148	145	11.89	4.87	2.4	103.33	162.51	0	0	7093	0	1	0	0	1	0	0.530	0
149	146	11.97	4.84	2.4	103.33	163.74	0	0	6927	0	1	0	0	1	0	0.530	0
150	147	12.06	4.85	2.4	103.57	163.48	0.01	0.04	7000	0	1	0	0	1	0	0.530	0
151	148	12.14	4.87	2.4	103.2	164.24	0.01	0.04	7083	0	1	0	0	1	0	0.520	0
152	149	12.22	4.85	2.4	102.3	163.53	0.01	0.04	6903	0	1	0	0	1	0	0.510	0
153	150	12.3	4.81	2.4	100.01	161.74	0.01	0.05	6517	0	1	0	0	1	0	0.500	0
154	151	12.38	4.24	2.4	96.76	156.73	0.01	0.07	3972	1	1	0	0	1	0	0.490	0
155	152	12.47	3.61	2.3	93.24	152.65	0.02	0.09	2263	1	1	0	0	1	0	0.480	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.91	2.3	90.69	147.27	0.02	0.1	1206	1	1	1	0	1	0	0.460	0
157	154	12.63	2.72	2.2	89.79	145.98	0.02	0.1	1010	1	1	1	0	1	0	0.440	0
158	155	12.71	2.55	2.2	90.37	146.1	0.02	0.1	876	1	1	1	0	1	0	0.420	0
159	156	12.8	2.44	2.2	90.72	147.4	0.02	0.1	798	1	1	1	0	1	0	0.400	0
160	157	12.88	2.42	2.2	89.93	146.11	0.02	0.1	776	1	1	1	0	1	0	0.380	0
161	158	12.96	2.59	2.2	88.38	144.7	0.02	0.1	884	1	1	1	0	1	0	0.360	0
162	159	13.04	2.87	2.3	87.23	145.52	0.02	0.1	1113	1	1	1	0	1	0	0.340	0
163	160	13.12	3.23	2.3	86.61	146.92	0.02	0.1	1506	1	1	0	0	1	0	0.320	0
164	161	13.21	3.49	2.3	86.1	146.86	0.02	0.1	1865	1	1	0	0	1	0	0.300	0
165	162	13.29	3.7	2.4	85.26	147.3	0.02	0.1	2198	1	1	0	0	1	0	0.280	0
166	163	13.37	3.84	2.4	83.97	146.64	0.02	0.1	2426	1	1	0	0	1	0	0.260	0
167	164	13.45	3.95	2.4	82.09	144.6	0.02	0.11	2587	1	1	0	0	1	0	0.240	0
168	165	13.53	4	2.4	80.21	142.62	0.02	0.11	2623	1	1	0	0	1	0	0.220	0
169	166	13.62	3.95	2.4	78.67	141.5	0.02	0.11	2460	1	1	0	0	1	0	0.200	0
170	167	13.7	3.75	2.4	77.99	139.88	0.02	0.12	2063	1	1	0	0	1	0	0.180	0
171	168	13.78	3.48	2.4	77.23	140.09	0.02	0.12	1626	1	1	0	0	1	0	0.160	0
172	169	13.86	3.18	2.3	76.11	137.98	0.02	0.12	1238	1	1	0	0	1	0	0.140	0
173	170	13.94	2.93	2.3	73.64	134.92	0.02	0.13	959	1	1	1	0	1	0	0.120	0
174	171	14.03	2.67	2.3	71.14	130.25	0.02	0.15	833	1	1	1	0	1	0	0.100	0
175	172	14.11	2.42	2.3	69.54	127.87	0.02	0.16	812	1	1	1	0	1	0	0.080	0
176	173	14.19	2.23	2.3	69.41	127.41	0.02	0.16	481	1	1	1	0	1	0	0.060	0
177	174	14.27	2.22	2.3	69.25	128.57	0	0	176	1	1	1	0	1	0	0.040	0
178	175	14.35	2.41	2.3	68.08	127.95	0	0	552	1	1	1	0	1	0	0.040	0
179	176	14.44	2.74	2.3	64.95	126.58	0	0	697	1	1	1	0	1	0	0.040	0
180	177	14.52	3.09	2.4	61.01	122.31	0	0	874	1	1	0	0	1	0	0.040	0
181	178	14.6	3.53	2.5	55.3	119.28	0	0	1121	1	1	0	0	1	0	0.040	0
182	179	14.68	3.98	2.5	49.96	110.67	0	0	1428	1	1	0	0	1	0	0.040	0
183	180	14.76	4.36	2.6	45.47	106.95	0	0	1713	1	0	0	0	1	0	0.040	0
184	181	14.85	4.45	2.6	42.84	42.2	0	0	1695	1	0	0	0	1	0	0.040	0
185	182	14.93	4.43	2.6	40.7	39.84	0	0	1550	1	0	0	0	1	0	0.040	0
186	183	15.01	4.34	2.6	38.72	37.64	0	0	1341	1	0	0	0	1	0	0.040	0
187	184	15.09	4.25	2.7	37.29	36.77	0	0	1178	1	0	0	0	1	0	0.040	0
188	185	15.17	4.12	2.7	36.57	35.96	0	0	1029	1	0	0	0	1	0	0.040	0
189	186	15.26	4.04	2.6	36.22	35.8	0	0	950	1	0	0	0	1	0	0.040	0
190	187	15.34	3.99	2.6	36.33	35.99	0	0	916	1	0	0	0	1	0	0.040	0
191	188	15.42	4.01	2.6	36.47	36.5	0	0	936	1	0	0	0	1	0	0.040	0
192	189	15.5	4.04	2.6	36.5	36.42	0	0	961	1	0	0	0	1	0	0.040	0
193	190	15.58	4.07	2.6	36.34	36.3	0	0	978	1	0	0	0	1	0	0.040	0
194	191	15.67	3.98	2.6	36.18	36.26	0	0	902	1	0	0	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	3.78	2.6	36.23	36.18	0	0	766	1	0	0	0	1	0	0.040	0
196	193	15.83	3.47	2.6	36.32	98.14	0.02	0.32	593	1	0	0	0	1	0	0.040	0
197	194	15.91	3.36	2.6	36.4	98.12	0.02	0.32	542	1	1	0	0	1	0	0.020	0
198	195	15.99	3.49	2.6	36.04	36.67	0	0	596	1	0	0	0	1	0	0.000	0
199	196	16.08	3.8	2.6	35.57	35.85	0	0	758	1	0	0	0	1	0	0.000	0
200	197	16.16	4.13	2.7	35.12	35.63	0	0	975	1	0	0	0	1	0	0.000	0
201	198	16.24	4.44	2.7	34.85	35.54	0	0	1239	1	0	0	0	1	0	0.000	0
202	199	16.32	4.71	2.7	34.47	35.2	0	0	1511	1	0	0	0	1	0	0.000	0
203	200	16.4	4.91	2.7	34.04	34.7	0	0	1736	1	0	0	0	1	0	0.000	0
204	201	16.49	5.03	2.7	33.81	34.48	0	0	1887	1	0	0	0	1	0	0.000	0
205	202	16.57	5.12	2.7	33.78	34.71	0	0	2022	1	0	0	0	1	0	0.000	0
206	203	16.65	5.14	2.7	33.93	34.86	0	0	2068	1	0	0	0	1	0	0.000	0
207	204	16.73	5.16	2.7	33.77	35.16	0	0	2085	1	0	0	0	1	0	0.000	0
208	205	16.81	5.19	2.8	33.05	34.47	0	0	2062	1	0	0	0	1	0	0.000	0
209	206	16.9	5.27	2.8	31.83	32.94	0	0	2064	1	0	0	0	1	0	0.000	0
210	207	16.98	5.23	2.8	30.56	31.7	0	0	1869	1	0	0	0	1	0	0.000	0
211	208	17.06	5.14	2.8	29.83	30.84	0	0	1673	1	0	0	0	1	0	0.000	0
212	209	17.14	5.06	2.8	29.71	30.93	0	0	[illegible]	1	0	0	0	1	0	0.000	0
213	210	17.22	5.03	2.8	30.44	31.51	0	0	[illegible]	1	0	0	0	1	0	0.000	0
214	211	17.31	4.93	2.7	31.98	33.25	0	0	[illegible]	1	0	0	0	1	0	0.000	0
215	212	17.39	4.95	2.7	33.19	35.82	0	0	[illegible]	1	0	0	0	1	0	0.000	0
216	213	17.47	5.18	2.7	33.41	35.4	0	0	[illegible]	1	0	0	0	1	0	0.000	0
217	214	17.55	5.63	2.8	32.16	34.16	0	0	2768	1	0	0	0	1	0	0.000	0
218	215	17.63	6.01	2.8	30.49	32.24	0	0	3376	1	0	0	0	1	0	0.000	0
219	216	17.72	6.25	2.9	28.96	30.53	0	0	3695	1	0	0	0	1	0	0.000	0
220	217	17.8	6.25	2.9	28.23	29.65	0	0	3531	1	0	0	0	1	0	0.000	0
221	218	17.88	6.13	2.9	27.95	30.16	0	[illegible]	3172	1	0	0	0	1	0	0.000	0
222	219	17.96	6.04	2.9	27.42	29.82	0	0	2864	1	0	0	0	1	0	0.000	0
223	220	18.04	6.05	2.9	26.48	28.19	0	0	2704	1	0	0	0	1	0	0.000	0
224	221	18.13	6.21	2.9	25.08	27.44	0	0	2741	1	0	0	0	1	0	0.000	0
225	222	18.21	6.33	2.9	23.84	25.63	0	0	2701	1	0	0	0	1	0	0.000	0
226	223	18.29	6.47	2.9	22.5	24.46	0	0	2640	1	0	0	0	1	0	0.000	0
227	224	18.37	6.49	3.0	21.6	23.39	0	0	2438	1	0	0	0	1	0	0.000	0
228	225	18.45	6.43	3.0	20.92	22.9	0	0	2159	1	0	0	0	1	0	0.000	0
229	226	18.54	6.29	3.0	20.41	22.44	0	0	1829	1	0	0	0	1	0	0.000	0
230	227	18.62	6.2	3.0	19.84	21.91	0	0	1588	1	0	0	0	1	0	0.000	0
231	228	18.7	6.19	3.0	19.15	21.22	0	0	1428	1	0	0	0	1	0	0.000	0
232	229	18.78	6.21	3.0	18.31	20.34	0	0	1266	1	0	0	0	1	0	0.000	0
233	230	18.86	5.75	3.0	17.21	19.33	0	0	727	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	4.76	3.0	15.77	17.81	0	0	234	1	0	0	0	1	0	0.000	0
235	232	19.03	3.66	2.9	14.36	15.84	0	0	54	1	0	0	1	1	0	0.000	0
236	233	19.11	3.07	2.9	13.22	14.9	0	0	13	1	0	0	1	1	0	0.000	0
237	234	19.19	3.2	2.9	12.45	14.21	0	0	-1	1	0	0	1	1	0	0.000	0
238	235	19.27	3.46	3.0	11.75	13.45	0	0	-19	1	0	0	1	1	0	0.000	0
239	236	19.36	3.76	3.0	11.34	12.71	0	0	-37	1	0	0	1	1	0	0.000	0
240	237	19.44	3.9	3.0	11.31	12.92	0	0	-42	1	0	0	1	1	0	0.000	0
241	238	19.52	3.89	3.0	11.58	13.33	0	0	-33	1	0	0	1	1	0	0.000	0
242	239	19.6	3.95	3.0	11.73	13.55	0	0	-29	1	0	0	1	1	0	0.000	0
243	240	19.68	4.11	3.0	11.66	13.41	0	0	-36	1	0	0	1	1	0	0.000	0
244	241	19.77	4.32	3.0	11.54	13.12	0	0	-48	1	0	0	1	1	0	0.000	0
245	242	19.85	4.45	3.0	11.7	13.23	0	0	-45	1	0	0	1	1	0	0.000	0
246	243	19.93	4.36	3.0	12.87	13.95	0	0	19	1	0	0	1	1	0	0.000	0
247	244	20.01	4.31	3.0	14.81	16.98	0	0	115	1	0	0	0	1	0	0.000	0
248	245	20.09	4.25	2.9	17.15	19.61	0	0	221	1	0	0	0	1	0	0.000	0
249	246	20.18	4.41	2.9	18.65	21.79	0	0	333	1	0	0	0	1	0	0.000	0
250	247	20.26	4.74	2.9	18.66	22.14	0	0	434	1	0	0	0	1	0	0.000	0
251	248	20.34	5.18	3.0	17.73	19.93	0	0	[illegible]	1	0	0	0	1	0	0.000	0
252	249	20.42	5.43	3.0	16.85	18.94	0	0	26	1	0	0	0	1	0	0.000	0
253	250	20.5	5.38	3.0	16.39	19.39	0	0	4[illegible]2	1	0	0	0	1	0	0.000	0
254	251	20.59	5.33	3.0	15.21	18.47	0	0	303	1	0	0	0	1	0	0.000	0
255	252	20.67	5.4	3.1	13.21	15.15	0	0	84	1	0	0	0	1	0	0.000	0
256	253	20.75	5.41	3.1	11.22	12.84	0	0	-152	1	0	0	1	1	0	0.000	0
257	254	20.83	5.13	3.1	9.85	11.95	0	0	-254	1	0	0	1	1	0	0.000	0
258	255	20.92	4.63	3.1	9.06	10.68	0	0	-222	1	0	0	1	1	0	0.000	0
259	256	21	4.19	3.1	8.48	10.22	0	0	-182	1	0	0	1	1	0	0.000	0
260	257	21.08	4.02	3.1	8.33	10.04	0	0	-164	1	0	0	1	1	0	0.000	0
261	258	21.16	4.06	3.1	8.44	10.16	0	0	-165	1	0	0	1	1	0	0.000	0
262	259	21.24	4.12	3.1	8.85	10.58	0	0	-156	1	0	0	1	1	0	0.000	0
263	260	21.33	4.09	3.1	9.39	11.45	0	0	-130	1	0	0	1	1	0	0.000	0
264	261	21.41	4.23	3.1	9.61	11.99	0	0	-135	1	0	0	1	1	0	0.000	0
265	262	21.49	4.52	3.1	9.32	11.34	0	0	-188	1	0	0	1	1	0	0.000	0
266	263	21.57	4.77	3.2	8.83	10.54	0	0	-265	1	0	0	1	1	0	0.000	0
267	264	21.65	4.76	3.2	8.31	10.37	0	0	-300	1	0	0	1	1	0	0.000	0
268	265	21.74	4.55	3.2	7.92	9.65	0	0	-277	1	0	0	1	1	0	0.000	0
269	266	21.82	4.4	3.2	7.58	9.28	0	0	-264	1	0	0	1	1	0	0.000	0
270	267	21.9	4.29	3.2	7.47	9.23	0	0	-247	1	0	0	1	1	0	0.000	0
271	268	21.98	4.21	3.2	7.53	9.33	0	0	-229	1	0	0	1	1	0	0.000	0
272	269	22.06	4.07	3.2	7.57	9.49	0	0	-202	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.92	3.2	7.48	9.42	0	0	-182	1	0	0	1	1	0	0.000	0
274	271	22.23	3.75	3.2	7.14	9.03	0	0	-169	1	0	0	1	1	0	0.000	0
275	272	22.31	3.6	3.2	6.79	8.4	0	0	-159	1	0	0	1	1	0	0.000	0
276	273	22.39	3.45	3.2	6.49	8.23	0	0	-147	1	0	0	1	1	0	0.000	0
277	274	22.47	3.37	3.2	6.45	8.03	0	0	-138	1	0	0	1	1	0	0.000	0
278	275	22.56	3.58	3.2	6.54	8.25	0	0	-163	1	0	0	1	1	0	0.000	0
279	276	22.64	3.85	3.2	7.02	8.48	0	0	-188	1	0	0	1	1	0	0.000	0
280	277	22.72	3.64	3.1	8.14	9.59	0	0	-125	1	0	0	1	1	0	0.000	0
281	278	22.8	3.34	3.1	9.2	11.96	0	0	-74	1	0	0	1	1	0	0.000	0
282	279	22.88	3.26	3.0	9.58	12.13	0	0	-61	1	0	0	1	1	0	0.000	0
283	280	22.97	3.63	3.1	8.95	10.97	0	0	-101	1	0	0	1	1	0	0.000	0
284	281	23.05	3.92	3.1	8.24	9.91	0	0	-155	1	0	0	1	1	0	0.000	0
285	282	23.13	3.93	3.2	7.94	9.58	0	0	-167	1	0	0	1	1	0	0.000	0
286	283	23.21	3.75	3.1	7.9	9.76	0	0	-145	1	0	0	1	1	0	0.000	0
287	284	23.29	3.79	3.1	7.86	9.61	0	0	-151	1	0	0	1	1	0	0.000	0
288	285	23.38	4.05	3.2	7.65	9.32	0	0	-196	1	0	0	1	1	0	0.000	0
289	286	23.46	4.32	3.2	7.35	9.01	0	0	-259	1	0	0	1	1	0	0.000	0
290	287	23.54	4.44	3.2	6.99	8.62	0	0	-295	1	0	0	1	1	0	0.000	0
291	288	23.62	4.38	3.2	6.57	8.15	0	0	-313	1	0	0	1	1	0	0.000	0
292	289	23.7	4.22	3.3	6.21	7.62	0	0	-292	1	0	0	1	1	0	0.000	0
293	290	23.79	4.01	3.3	5.94	7.39	0	0	-256	1	0	0	1	1	0	0.000	0
294	291	23.87	3.7	3.3	5.75	7.21	0	0	-204	1	0	0	1	1	0	0.000	0
295	292	23.95	3.36	3.2	5.6	6.97	0	0	-157	1	0	0	1	1	0	0.000	0
296	293	24.03	3.11	3.2	5.52	6.84	0	0	-128	1	0	0	1	1	0	0.000	0
297	294	24.11	3.08	3.2	5.54	6.95	0	0	-124	1	0	0	1	1	0	0.000	0
298	295	24.2	3.2	3.2	5.77	7.1	0	0	-133	1	0	0	1	1	0	0.000	0
299	296	24.28	3.34	3.2	6.01	7.7	0	0	-145	1	0	0	1	1	0	0.000	0
300	297	24.36	3.39	3.2	6.29	7.83	0	0	-145	1	0	0	1	1	0	0.000	0
301	298	24.44	3.56	3.2	6.38	8.13	0	0	-164	1	0	0	1	1	0	0.000	0
302	299	24.52	3.75	3.2	6.38	8.13	0	0	-193	1	0	0	1	1	0	0.000	0
303	300	24.61	3.96	3.2	6.28	7.93	0	0	-233	1	0	0	1	1	0	0.000	0
304	301	24.69	3.99	3.3	6.07	7.84	0	0	-247	1	0	0	1	1	0	0.000	0
305	302	24.77	3.91	3.3	5.7	7.43	0	0	-245	1	0	0	1	1	0	0.000	0
306	303	24.85	3.77	3.3	5.28	6.63	0	0	-231	1	0	0	1	1	0	0.000	0
307	304	24.93	3.61	3.3	4.88	6.29	0	0	-214	1	0	0	1	1	0	0.000	0
308	305	25.02	3.24	3.3	4.71	5.92	0	0	-160	1	0	0	1	1	0	0.000	0
309	306	25.1	2.92	3.3	4.68	5.9	0	0	-122	1	0	1	1	1	0	0.000	0
310	307	25.18	2.74	3.2	4.83	6.01	0	0	-102	1	0	1	1	1	0	0.000	0
311	308	25.26	2.84	3.2	5.13	6.31	0	0	-107	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	3.4	3.2	5.56	6.91	0	0	-163	1	0	0	1	1	0	0.000	0
313	310	25.43	3.98	3.3	5.98	7.54	0	0	-248	1	0	0	1	1	0	0.000	0
314	311	25.51	4.58	3.3	6.51	7.88	0	0	-371	1	0	0	1	1	0	0.000	0
315	312	25.59	4.84	3.2	7.14	8.92	0	0	-409	1	0	0	1	1	0	0.000	0
316	313	25.67	5.34	3.3	7.2	10.06	0	0	-597	1	0	0	1	1	0	0.000	0
317	314	25.75	5.94	3.3	6.83	8.58	0	0	-1010	1	0	0	1	1	0	0.000	0
318	315	25.84	6.7	3.4	6.06	8.07	0	0	-2012	1	0	0	1	1	0	0.000	0
319	316	25.92	7.17	3.4	5.68	7.5	0	0	-2989	1	0	0	1	1	0	0.000	0
320	317	26	7.47	3.4	5.8	7.13	0	0	-3632	1	0	0	1	1	0	0.000	0
321	318	26.08	7.19	3.4	6.61	8.31	0	0	-2618	1	0	0	1	1	0	0.000	0
322	319	26.16	6.61	3.3	8.08	10.29	0	0	-1293	1	0	0	1	1	0	0.000	0
323	320	26.25	6.2	3.2	9.66	12.51	0	0	-614	1	0	0	1	1	0	0.000	0
324	321	26.33	6	3.1	11.05	14.3	0	0	-270	1	0	0	1	1	0	0.000	0
325	322	26.41	5.92	3.1	11.71	15.68	0	0	-139	1	0	0	1	1	0	0.000	0
326	323	26.49	6.15	3.2	11.11	15.21	0	0	-290	1	0	0	1	1	0	0.000	0
327	324	26.57	6.53	3.2	9.83	12.34	0	0	-737	1	0	0	1	1	0	0.000	0
328	325	26.66	7.22	3.3	8.24	11.13	0	0	-1935	1	0	0	1	1	0	0.000	0
329	326	26.74	7.55	3.4	6.97	9.48	0	0	-3[illegible]71	1	0	0	1	1	0	0.000	0
330	327	26.82	7.72	3.4	5.8	7.74	0	0	-4[illegible]28	1	0	0	1	1	0	0.000	0
331	328	26.9	7.51	3.5	4.91	6.87	0	0	-42[illegible]2	1	0	0	1	1	0	0.000	0
332	329	26.98	6.89	3.5	4.42	6.2	0	0	-289[illegible]	1	0	0	1	1	0	0.000	0
333	330	27.07	5.66	3.5	4.25	5.81	0	0	-[illegible]89	1	0	0	1	1	0	0.000	0
334	331	27.15	4.36	3.4	4.33	6	0	0	-425	1	0	0	1	1	0	0.000	0
335	332	27.23	3.63	3.3	4.6	6.14	0	0	-225	1	0	0	1	1	0	0.000	0
336	333	27.31	3.68	3.3	4.88	6.5	0	0	-226	1	0	0	1	1	0	0.000	0
337	334	27.39	4.07	3.3	4.94	6.81	0	0	-310	1	0	0	1	1	0	0.000	0
338	335	27.48	4.4	3.4	4.78	6.29	0	[illegible]	-414	1	0	0	1	1	0	0.000	0
339	336	27.56	4.78	3.4	4.45	5.99	0	0	-585	1	0	0	1	1	0	0.000	0
340	337	27.64	4.72	3.4	4.21	5.68	0	0	-575	1	0	0	1	1	0	0.000	0
341	338	27.72	4.02	3.4	4.07	5.34	0	0	-332	1	0	0	1	1	0	0.000	0
342	339	27.8	3.12	3.3	4.03	5.31	0	0	-157	1	0	0	1	1	0	0.000	0
343	340	27.89	2.58	3.3	4.09	5.38	0	0	-97	1	0	1	1	1	0	0.000	0
344	341	27.97	2.65	3.3	4.15	5.49	0	0	-103	1	0	1	1	1	0	0.000	0
345	342	28.05	2.87	3.3	4.2	5.57	0	0	-124	1	0	1	1	1	0	0.000	0
346	343	28.13	3.11	3.3	4.25	5.61	0	0	-151	1	0	0	1	1	0	0.000	0
347	344	28.21	3.24	3.3	4.34	5.69	0	0	-167	1	0	0	1	1	0	0.000	0
348	345	28.3	3.29	3.3	4.5	5.93	0	0	-171	1	0	0	1	1	0	0.000	0
349	346	28.38	3.37	3.3	4.7	6.23	0	0	-179	1	0	0	1	1	0	0.000	0
350	347	28.46	3.73	3.3	4.85	6.54	0	0	-237	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.23	3.3	4.88	6.65	0	0	-356	1	0	0	1	1	0	0.000	0
352	349	28.63	4.45	3.4	4.86	6.49	0	0	-427	1	0	0	1	1	0	0.000	0
353	350	28.71	4.24	3.3	4.83	6.44	0	0	-362	1	0	0	1	1	0	0.000	0
354	351	28.79	3.72	3.3	4.81	6.42	0	0	-236	1	0	0	1	1	0	0.000	0
355	352	28.87	3.43	3.3	4.74	6.33	0	0	-187	1	0	0	1	1	0	0.000	0
356	353	28.95	3.39	3.3	4.63	6.22	0	0	-183	1	0	0	1	1	0	0.000	0
357	354	29.04	3.55	3.3	4.55	6.08	0	0	-212	1	0	0	1	1	0	0.000	0
358	355	29.12	4.02	3.4	4.54	6.07	0	0	-313	1	0	0	1	1	0	0.000	0
359	356	29.2	4.6	3.4	4.75	6.14	0	0	-488	1	0	0	1	1	0	0.000	0
360	357	29.28	4.7	3.3	5.38	6.82	0	0	-486	1	0	0	1	1	0	0.000	0
361	358	29.36	4.65	3.3	5.88	8.33	0	0	-434	1	0	0	1	1	0	0.000	0
362	359	29.45	5	3.3	5.71	8.23	0	0	-587	1	0	0	1	1	0	0.000	0
363	360	29.53	6.19	3.4	4.92	6.65	0	0	-1627	1	0	0	1	1	0	0.000	0
364	361	29.61	7.65	3.5	4.22	5.87	0	0	-5093	1	0	0	1	1	0	0.000	0
365	362	29.69	6.98	3.5	4.46	5.63	0	0	-3076	1	0	0	1	1	0	0.000	0
366	363	29.77	5.65	3.4	5.09	7.12	0	0	-1059	1	0	0	1	1	0	0.000	0
367	364	29.86	5.04	3.3	5.42	7.89	0	0	-632	1	0	0	1	1	0	0.000	0
368	365	29.94	5.73	3.4	5.11	7.09	0	0	-[illegible]33	1	0	0	1	1	0	0.000	0
369	366	30.02	7.11	3.5	4.49	6.32	0	0	-3[illegible]63	1	0	0	1	1	0	0.000	0
370	367	30.1	7.77	3.5	4.27	5.69	0	0	-55[illegible]4	1	0	0	1	1	0	0.000	0
371	368	30.18	5.8	3.4	5.5	5.93	0	0	-112[illegible]	1	0	0	1	1	0	0.000	0
372	369	30.27	3.63	3.1	8.83	10.4	0	0	[illegible]05	1	0	0	1	1	0	0.000	0
373	370	30.35	2.85	2.9	12.59	17.96	0	0	1	1	0	1	1	1	0	0.000	0
374	371	30.43	2.75	2.8	15.68	20.45	0	0	43	1	0	1	1	1	0	0.000	0
375	372	30.51	2.89	2.8	17.46	22.83	0	0	75	1	0	1	1	1	0	0.000	0
376	373	30.59	2.92	2.8	18.91	25.06	0	0	100	1	0	1	0	1	0	0.000	0
377	374	30.68	2.98	2.8	19.96	25.81	0	[illegible]	122	1	0	1	0	1	0	0.000	0
378	375	30.76	3.06	2.8	20.41	26.72	0	0	139	1	0	0	0	1	0	0.000	0
379	376	30.84	3.22	2.8	19.89	26.87	0	0	149	1	0	0	0	1	0	0.000	0
380	377	30.92	3.58	2.9	17.59	24.2	0	0	139	1	0	0	0	1	0	0.000	0
381	378	31	4.34	3.0	14.26	18.45	0	0	90	1	0	0	0	1	0	0.000	0
382	379	31.09	5.56	3.1	10.74	14.26	0	0	-235	1	0	0	1	1	0	0.000	0
383	380	31.17	6.87	3.3	8.29	10.93	0	0	-1488	1	0	0	1	1	0	0.000	0
384	381	31.25	7.84	3.4	6.36	9.24	0	0	-4311	1	0	0	1	1	0	0.000	0
385	382	31.33	7.89	3.5	5.16	7.04	0	0	-5335	1	0	0	1	1	0	0.000	0
386	383	31.41	6.82	3.5	4.48	6.48	0	0	-2733	1	0	0	1	1	0	0.000	0
387	384	31.5	5.17	3.4	4.44	6.66	0	0	-796	1	0	0	1	1	0	0.000	0
388	385	31.58	4.07	3.4	4.48	6.86	0	0	-329	1	0	0	1	1	0	0.000	0
389	386	31.66	3.73	3.4	4.31	6.57	0	0	-254	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	3.93	3.4	3.99	5.97	0	0	-311	1	0	0	1	1	0	0.000	0
391	388	31.82	4.1	3.4	3.8	5.58	0	0	-366	1	0	0	1	1	0	0.000	0
392	389	31.91	4.01	3.4	3.9	5.67	0	0	-336	1	0	0	1	1	0	0.000	0
393	390	31.99	3.77	3.4	4.25	6.11	0	0	-264	1	0	0	1	1	0	0.000	0
394	391	32.07	3.65	3.3	4.71	6.63	0	0	-226	1	0	0	1	1	0	0.000	0
395	392	32.15	3.82	3.3	5.23	7.19	0	0	-243	1	0	0	1	1	0	0.000	0
396	393	32.23	4.14	3.3	5.75	7.85	0	0	-293	1	0	0	1	1	0	0.000	0
397	394	32.32	4.53	3.3	6.1	8.35	0	0	-381	1	0	0	1	1	0	0.000	0
398	395	32.4	4.89	3.3	6.25	8.46	0	0	-496	1	0	0	1	1	0	0.000	0
399	396	32.48	5.3	3.3	6.24	8.45	0	0	-684	1	0	0	1	1	0	0.000	0
400	397	32.56	5.61	3.3	6.22	8.42	0	0	-871	1	0	0	1	1	0	0.000	0
401	398	32.64	5.61	3.3	6.22	8.48	0	0	-871	1	0	0	1	1	0	0.000	0
402	399	32.73	5.48	3.3	6.2	8.5	0	0	-791	1	0	0	1	1	0	0.000	0
403	400	32.81	5.44	3.3	6.13	8.39	0	0	-776	1	0	0	1	1	0	0.000	0
404	401	32.89	5.54	3.3	6.03	8.27	0	0	-851	1	0	0	1	1	0	0.000	0
405	402	32.97	5.62	3.3	5.93	8.11	0	0	-918	1	0	0	1	1	0	0.000	0
406	403	33.05	5.7	3.4	5.85	8.06	0	0	-988	1	0	0	1	1	0	0.000	0
407	404	33.14	5.88	3.4	5.79	8	0	0	[illegible]	1	0	0	1	1	0	0.000	0
408	405	33.22	6.17	3.4	5.73	7.96	0	0	-1[illegible]32	1	0	0	1	1	0	0.000	0
409	406	33.3	6.41	3.4	5.68	7.88	0	0	-17[illegible]3	1	0	0	1	1	0	0.000	0
410	407	33.38	6.56	3.4	5.59	7.88	0	0	-1949	1	0	0	1	1	0	0.000	0
411	408	33.46	6.7	3.4	5.49	7.74	0	0	-[illegible]90	1	0	0	1	1	0	0.000	0
412	409	33.55	6.86	3.4	5.35	7.62	0	0	-2508	1	0	0	1	1	0	0.000	0
413	410	33.63	6.85	3.4	5.23	7.42	0	0	-2532	1	0	0	1	1	0	0.000	0
414	411	33.71	6.57	3.4	5.12	7.28	0	0	-2097	1	0	0	1	1	0	0.000	0
415	412	33.79	6.14	3.4	4.99	7.27	0	0	-1553	1	0	0	1	1	0	0.000	0
416	413	33.87	5.82	3.4	4.88	6.96	0	[illegible]	-1240	1	0	0	1	1	0	0.000	0
417	414	33.96	5.56	3.4	4.78	6.83	0	0	-1031	1	0	0	1	1	0	0.000	0
418	415	34.04	5.29	3.4	4.72	6.81	0	0	-844	1	0	0	1	1	0	0.000	0
419	416	34.12	5.02	3.4	4.64	6.6	0	0	-691	1	0	0	1	1	0	0.000	0
420	417	34.2	4.86	3.4	4.54	6.41	0	0	-617	1	0	0	1	1	0	0.000	0
421	418	34.28	4.84	3.4	4.5	6.36	0	0	-610	1	0	0	1	1	0	0.000	0
422	419	34.37	4.95	3.4	4.52	6.33	0	0	-664	1	0	0	1	1	0	0.000	0
423	420	34.45	4.97	3.4	4.6	6.41	0	0	-667	1	0	0	1	1	0	0.000	0
424	421	34.53	5.04	3.4	4.65	6.59	0	0	-701	1	0	0	1	1	0	0.000	0
425	422	34.61	5.22	3.4	4.62	6.54	0	0	-809	1	0	0	1	1	0	0.000	0
426	423	34.69	5.49	3.4	4.5	6.45	0	0	-1012	1	0	0	1	1	0	0.000	0
427	424	34.78	5.62	3.5	4.4	6.32	0	0	-1132	1	0	0	1	1	0	0.000	0
428	425	34.86	5.32	3.4	4.35	6.25	0	0	-905	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	5.03	3.4	4.27	6.24	0	0	-729	1	0	0	1	1	0	0.000	0
430	427	35.02	5.06	3.4	4.17	6.03	0	0	-755	1	0	0	1	1	0	0.000	0
431	428	35.1	5.4	3.5	4.1	5.88	0	0	-992	1	0	0	1	1	0	0.000	0
432	429	35.19	5.72	3.5	4.12	5.91	0	0	-1264	1	0	0	1	1	0	0.000	0
433	430	35.27	5.75	3.5	4.16	6.07	0	0	-1287	1	0	0	1	1	0	0.000	0
434	431	35.35	5.64	3.5	4.16	6.1	0	0	-1183	1	0	0	1	1	0	0.000	0
435	432	35.43	5.48	3.5	4.11	6.1	0	0	-1053	1	0	0	1	1	0	0.000	0
436	433	35.51	5.4	3.5	4.06	6.06	0	0	-996	1	0	0	1	1	0	0.000	0
437	434	35.6	5.43	3.5	4.02	6.02	0	0	-1025	1	0	0	1	1	0	0.000	0
438	435	35.68	5.57	3.5	4.01	5.98	0	0	-1142	1	0	0	1	1	0	0.000	0
439	436	35.76	5.59	3.5	4.04	6	0	0	-1155	1	0	0	1	1	0	0.000	0
440	437	35.84	5.53	3.5	4.11	6.03	0	0	-1095	1	0	0	1	1	0	0.000	0
441	438	35.92	5.63	3.5	4.17	6.15	0	0	-1173	1	0	0	1	1	0	0.000	0
442	439	36.01	5.8	3.5	4.19	6.21	0	0	-1331	1	0	0	1	1	0	0.000	0
443	440	36.09	5.99	3.5	4.17	6.19	0	0	-1540	1	0	0	1	1	0	0.000	0
444	441	36.17	5.88	3.5	4.1	6.12	0	0	-1430	1	0	0	1	1	0	0.000	0
445	442	36.25	5.69	3.5	4.05	5.99	0	0	-1246	1	0	0	1	1	0	0.000	0
446	443	36.33	5.48	3.5	3.98	6.01	0	0	-1[illegible]70	1	0	0	1	1	0	0.000	0
447	444	36.42	5.3	3.5	3.93	5.8	0	0	-[illegible]37	1	0	0	1	1	0	0.000	0
448	445	36.5	5.24	3.5	3.87	5.71	0	0	-9[illegible]0	1	0	0	1	1	0	0.000	0
449	446	36.58	5.29	3.5	3.85	5.67	0	0	-93[illegible]	1	0	0	1	1	0	0.000	0
450	447	36.66	5.37	3.5	3.85	5.67	0	0	[illegible]98	1	0	0	1	1	0	0.000	0
451	448	36.74	5.54	3.5	3.84	5.67	0	0	-1138	1	0	0	1	1	0	0.000	0
452	449	36.83	5.73	3.5	3.85	5.68	0	0	-1314	1	0	0	1	1	0	0.000	0
453	450	36.91	5.84	3.5	3.91	5.74	0	0	-1419	1	0	0	1	1	0	0.000	0
454	451	36.99	5.82	3.5	4	5.9	0	0	-1383	1	0	0	1	1	0	0.000	0
455	452	37.07	5.9	3.5	4.14	6.04	0	[illegible]	-1445	1	0	0	1	1	0	0.000	0
456	453	37.16	6.4	3.5	4.51	6.32	0	0	-2004	1	0	0	1	1	0	0.000	0
457	454	37.24	6.2	3.4	5.62	7.32	0	0	-1488	1	0	0	1	1	0	0.000	0
458	455	37.32	5.42	3.3	7.35	10.16	0	0	-617	1	0	0	1	1	0	0.000	0
459	456	37.4	4.48	3.1	9.58	13.15	0	0	-167	1	0	0	1	1	0	0.000	0
460	457	37.48	4	3.0	11.62	16.54	0	0	-34	1	0	0	1	1	0	0.000	0
461	458	37.57	3.84	3.0	12.71	18.89	0	0	7	1	0	0	1	1	0	0.000	0
462	459	37.65	3.92	3.0	12.04	17.89	0	0	-17	1	0	0	1	1	0	0.000	0
463	460	37.73	4.15	3.1	10	14.06	0	0	-110	1	0	0	1	1	0	0.000	0
464	461	37.81	4.59	3.2	7.78	10.88	0	0	-295	1	0	0	1	1	0	0.000	0
465	462	37.89	5.1	3.3	6.15	9.11	0	0	-594	1	0	0	1	1	0	0.000	0
466	463	37.98	5.31	3.4	5.09	7.5	0	0	-816	1	0	0	1	1	0	0.000	0
467	464	38.06	5.48	3.5	4.32	6.49	0	0	-1027	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	5.38	3.5	3.92	5.71	0	0	-997	1	0	0	1	1	0	0.000	0
469	466	38.22	5.37	3.5	3.81	5.63	0	0	-1002	1	0	0	1	1	0	0.000	0
470	467	38.3	5.18	3.5	3.89	5.76	0	0	-857	1	0	0	1	1	0	0.000	0
471	468	38.39	5.11	3.5	3.96	5.82	0	0	-805	1	0	0	1	1	0	0.000	0
472	469	38.47	5.25	3.5	3.94	5.85	0	0	-900	1	0	0	1	1	0	0.000	0
473	470	38.55	5.32	3.5	3.89	5.76	0	0	-956	1	0	0	1	1	0	0.000	0
474	471	38.63	5.32	3.5	3.8	5.74	0	0	-966	1	0	0	1	1	0	0.000	0
475	472	38.71	5.16	3.5	3.71	5.65	0	0	-862	1	0	0	1	1	0	0.000	0
476	473	38.8	5.16	3.5	3.61	5.55	0	0	-871	1	0	0	1	1	0	0.000	0
477	474	38.88	5.17	3.5	3.56	5.47	0	0	-883	1	0	0	1	1	0	0.000	0
478	475	38.96	5.24	3.5	3.56	5.48	0	0	-933	1	0	0	1	1	0	0.000	0
479	476	39.04	5.23	3.5	3.57	5.53	0	0	-924	1	0	0	1	1	0	0.000	0
480	477	39.12	5.32	3.5	3.56	5.48	0	0	-992	1	0	0	1	1	0	0.000	0
481	478	39.21	5.3	3.5	3.5	5.39	0	0	-984	1	0	0	1	1	0	0.000	0
482	479	39.29	5.23	3.5	3.48	5.29	0	0	-934	1	0	0	1	1	0	0.000	0
483	480	39.37	5.03	3.5	3.49	5.34	0	0	-798	1	0	0	1	1	0	0.000	0
484	481	39.45	4.88	3.5	3.55	5.39	0	0	-704	1	0	0	1	1	0	0.000	0
485	482	39.53	4.68	3.5	3.64	5.46	0	0	-705	1	0	0	1	1	0	0.000	0
486	483	39.62	4.56	3.5	3.76	5.6	0	0	-733	1	0	0	1	1	0	0.000	0
487	484	39.7	4.5	3.4	3.93	5.81	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
488	485	39.78	4.48	3.4	4.07	6.08	0	0	-483	1	0	0	1	1	0	0.000	0
489	486	39.86	4.47	3.4	4.14	6.16	0	0	-475	1	0	0	1	1	0	0.000	0
490	487	39.94	4.58	3.4	4.15	6.14	0	0	-518	1	0	0	1	1	0	0.000	0
491	488	40.03	4.76	3.4	4.15	6.13	0	0	-598	1	0	0	1	1	0	0.000	0
492	489	40.11	4.98	3.4	4.21	6.18	0	0	-706	1	0	0	1	1	0	0.000	0
493	490	40.19	5.05	3.4	4.26	6.34	0	0	-741	1	0	0	1	1	0	0.000	0
494	491	40.27	5.09	3.4	4.28	6.37	0	0	-763	1	0	0	1	1	0	0.000	0
495	492	40.35	5.09	3.4	4.23	6.35	0	0	-768	1	0	0	1	1	0	0.000	0
496	493	40.44	5.11	3.4	4.17	6.27	0	0	-785	1	0	0	1	1	0	0.000	0
497	494	40.52	5.05	3.4	4.1	6.16	0	0	-756	1	0	0	1	1	0	0.000	0
498	495	40.6	4.88	3.4	4.04	6.08	0	0	-666	1	0	0	1	1	0	0.000	0
499	496	40.68	4.82	3.4	4.01	5.99	0	0	-637	1	0	0	1	1	0	0.000	0
500	497	40.76	4.87	3.4	4.05	6.01	0	0	-660	1	0	0	1	1	0	0.000	0
501	498	40.85	4.88	3.4	4.16	6.2	0	0	-656	1	0	0	1	1	0	0.000	0
502	499	40.93	4.57	3.4	4.34	6.39	0	0	-502	1	0	0	1	1	0	0.000	0
503	500	41.01	4.36	3.4	4.54	6.74	0	0	-414	1	0	0	1	1	0	0.000	0
504	501	41.09	4.42	3.4	4.75	7.01	0	0	-423	1	0	0	1	1	0	0.000	0
505	502	41.17	4.83	3.4	5.03	7.25	0	0	-565	1	0	0	1	1	0	0.000	0
506	503	41.26	4.85	3.3	5.85	7.74	0	0	-511	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	4.65	3.2	6.93	9.99	0	0	-365	1	0	0	1	1	0	0.000	0
508	505	41.42	4.33	3.2	7.67	11.4	0	0	-245	1	0	0	1	1	0	0.000	0
509	506	41.5	4.28	3.2	7.65	10.96	0	0	-236	1	0	0	1	1	0	0.000	0
510	507	41.58	4.6	3.2	7.1	10.32	0	0	-340	1	0	0	1	1	0	0.000	0
511	508	41.67	5.02	3.3	6.64	9.53	0	0	-515	1	0	0	1	1	0	0.000	0
512	509	41.75	5.11	3.3	6.32	9.01	0	0	-583	1	0	0	1	1	0	0.000	0
513	510	41.83	4.77	3.3	6.27	8.82	0	0	-450	1	0	0	1	1	0	0.000	0
514	511	41.91	4.4	3.3	6.26	9.08	0	0	-335	1	0	0	1	1	0	0.000	0
515	512	41.99	4.49	3.3	6.16	8.93	0	0	-366	1	0	0	1	1	0	0.000	0
516	513	42.08	4.59	3.3	6.36	8.61	0	0	-384	1	0	0	1	1	0	0.000	0
517	514	42.16	4.53	3.2	7.04	10.01	0	0	-325	1	0	0	1	1	0	0.000	0
518	515	42.24	4.06	3.2	7.97	11.47	0	0	-184	1	0	0	1	1	0	0.000	0
519	516	42.32	3.91	3.1	8.34	12.45	0	0	-150	1	0	0	1	1	0	0.000	0
520	517	42.4	4.15	3.2	7.79	11.91	0	0	-206	1	0	0	1	1	0	0.000	0
521	518	42.49	4.58	3.3	6.63	10.01	0	0	-364	1	0	0	1	1	0	0.000	0
522	519	42.57	4.82	3.3	5.44	8.11	0	0	-530	1	0	0	1	1	0	0.000	0
523	520	42.65	4.34	3.4	4.53	7.14	0	0	-407	1	0	0	1	1	0	0.000	0
524	521	42.73	3.83	3.4	3.99	6.09	0	0	-286	1	0	0	1	1	0	0.000	0
525	522	42.81	3.44	3.4	3.67	5.54	0	0	-214	1	0	0	1	1	0	0.000	0
526	523	42.9	3.36	3.4	3.63	5.44	0	0	-201	1	0	0	1	1	0	0.000	0
527	524	42.98	3.4	3.4	3.76	5.64	0	0	-205	1	0	0	1	1	0	0.000	0
528	525	43.06	3.43	3.4	4.04	5.93	0	0	-204	1	0	0	1	1	0	0.000	0
529	526	43.14	3.57	3.3	4.43	6.52	0	0	-219	1	0	0	1	1	0	0.000	0
530	527	43.22	3.76	3.3	4.87	7.19	0	0	-242	1	0	0	1	1	0	0.000	0
531	528	43.31	3.97	3.3	5.3	7.72	0	0	-272	1	0	0	1	1	0	0.000	0
532	529	43.39	4.1	3.3	5.68	8.27	0	0	-287	1	0	0	1	1	0	0.000	0
533	530	43.47	4.26	3.3	5.96	8.88	0	0	-313	1	0	0	1	1	0	0.000	0
534	531	43.55	4.46	3.3	6.23	8.98	0	0	-353	1	0	0	1	1	0	0.000	0
535	532	43.63	4.76	3.3	6.36	9.38	0	0	-440	1	0	0	1	1	0	0.000	0
536	533	43.72	5.14	3.3	6.5	9.48	0	0	-579	1	0	0	1	1	0	0.000	0
537	534	43.8	5.65	3.3	6.58	9.71	0	0	-846	1	0	0	1	1	0	0.000	0
538	535	43.88	6.33	3.3	6.63	9.88	0	0	-1398	1	0	0	1	1	0	0.000	0
539	536	43.96	6.9	3.4	6.66	9.88	0	0	-2109	1	0	0	1	1	0	0.000	0
540	537	44.04	7.26	3.4	6.75	10.06	0	0	-2687	1	0	0	1	1	0	0.000	0
541	538	44.13	7.51	3.4	6.87	10.54	0	0	-3139	1	0	0	1	1	0	0.000	0
542	539	44.21	7.73	3.4	7.05	10.65	0	0	-3545	1	0	0	1	1	0	0.000	0
543	540	44.29	7.66	3.4	7.31	10.92	0	0	-3215	1	0	0	1	1	0	0.000	0
544	541	44.37	7.46	3.3	7.59	11.65	0	0	-2643	1	0	0	1	1	0	0.000	0
545	542	44.45	7.29	3.3	7.82	11.87	0	0	-2234	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	7.4	3.3	7.83	11.92	0	0	-2410	1	0	0	1	1	0	0.000	0
547	544	44.62	7.4	3.3	7.93	11.76	0	0	-2358	1	0	0	1	1	0	0.000	0
548	545	44.7	7.31	3.3	8.05	12.18	0	0	-2154	1	0	0	1	1	0	0.000	0
549	546	44.78	7.06	3.3	8.26	12.3	0	0	-1718	1	0	0	1	1	0	0.000	0
550	547	44.86	6.91	3.3	8.42	12.48	0	0	-1484	1	0	0	1	1	0	0.000	0
551	548	44.95	6.84	3.3	8.53	12.71	0	0	-1373	1	0	0	1	1	0	0.000	0
552	549	45.03	6.99	3.3	8.56	12.63	0	0	-1518	1	0	0	1	1	0	0.000	0
553	550	45.11	6.98	3.3	8.54	12.52	0	0	-1515	1	0	0	1	1	0	0.000	0
554	551	45.19	6.81	3.3	8.48	12.67	0	0	-1360	1	0	0	1	1	0	0.000	0
555	552	45.27	6.45	3.3	8.34	12.54	0	0	-1082	1	0	0	1	1	0	0.000	0
556	553	45.36	6.28	3.3	8.1	12.2	0	0	-1010	1	0	0	1	1	0	0.000	0
557	554	45.44	6.34	3.3	7.84	11.76	0	0	-1118	1	0	0	1	1	0	0.000	0
558	555	45.52	6.59	3.3	7.65	11.45	0	0	-1398	1	0	0	1	1	0	0.000	0
559	556	45.6	6.86	3.3	7.47	11.23	0	0	-1765	1	0	0	1	1	0	0.000	0
560	557	45.69	6.95	3.3	7.33	10.81	0	0	-1935	1	0	0	1	1	0	0.000	0
561	558	45.77	6.88	3.3	7.15	10.7	0	0	-1904	1	0	0	1	1	0	0.000	0
562	559	45.85	6.74	3.3	7.02	10.49	0	0	-1762	1	0	0	1	1	0	0.000	0
563	560	45.93	6.68	3.3	6.9	10.32	0	0	-1[illegible]24	1	0	0	1	1	0	0.000	0
564	561	46.01	6.65	3.3	6.82	10.19	0	0	-1[illegible]11	1	0	0	1	1	0	0.000	0
565	562	46.1	6.7	3.3	6.67	10.11	0	0	-18[illegible]1	1	0	0	1	1	0	0.000	0
566	563	46.18	6.79	3.4	6.44	9.77	0	0	-202[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	6.87	3.4	6.12	9.38	0	0	-2[illegible]55	1	0	0	1	1	0	0.000	0
568	565	46.34	6.83	3.4	5.8	9.04	0	0	-2300	1	0	0	1	1	0	0.000	0
569	566	46.42	6.75	3.4	5.5	8.62	0	0	-2268	1	0	0	1	1	0	0.000	0
570	567	46.51	6.89	3.4	5.2	8.3	0	0	-2617	1	0	0	1	1	0	0.000	0
571	568	46.59	7.36	3.5	4.91	7.86	0	0	-3807	1	0	0	1	1	0	0.000	0
572	569	46.67	7.9	3.5	4.63	7.48	0	[illegible]	-5760	1	0	0	1	1	0	0.000	0
573	570	46.75	8.28	3.5	4.43	7.21	0	0	-7668	1	0	0	1	1	0	0.000	0
574	571	46.83	8.33	3.6	4.24	7.1	0	0	-8120	1	0	0	1	1	0	0.000	0
575	572	46.92	8.08	3.6	4.08	6.75	0	0	-6977	1	0	0	1	1	0	0.000	0
576	573	47	7.66	3.6	3.93	6.5	0	0	-5308	1	0	0	1	1	0	0.000	0
577	574	47.08	7.16	3.6	3.89	6.39	0	0	-3747	1	0	0	1	1	0	0.000	0
578	575	47.16	6.69	3.5	3.97	6.41	0	0	-2645	1	0	0	1	1	0	0.000	0
579	576	47.24	6.1	3.5	4.18	6.69	0	0	-1670	1	0	0	1	1	0	0.000	0
580	577	47.33	5.48	3.4	4.36	7.1	0	0	-1022	1	0	0	1	1	0	0.000	0
581	578	47.41	5.12	3.4	4.42	7.11	0	0	-768	1	0	0	1	1	0	0.000	0
582	579	47.49	5.03	3.4	4.31	6.89	0	0	-725	1	0	0	1	1	0	0.000	0
583	580	47.57	5.12	3.5	4.11	6.7	0	0	-797	1	0	0	1	1	0	0.000	0
584	581	47.65	4.99	3.5	3.92	6.35	0	0	-736	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	4.76	3.5	3.71	6.16	0	0	-629	1	0	0	1	1	0	0.000	0
586	583	47.82	4.41	3.5	3.54	5.9	0	0	-485	1	0	0	1	1	0	0.000	0
587	584	47.9	4.21	3.5	3.4	5.68	0	0	-419	1	0	0	1	1	0	0.000	0
588	585	47.98	3.98	3.5	3.31	5.51	0	0	-350	1	0	0	1	1	0	0.000	0
589	586	48.06	3.74	3.5	3.29	5.43	0	0	-288	1	0	0	1	1	0	0.000	0
590	587	48.15	3.53	3.4	3.31	5.45	0	0	-241	1	0	0	1	1	0	0.000	0
591	588	48.23	3.47	3.4	3.35	5.51	0	0	-228	1	0	0	1	1	0	0.000	0
592	589	48.31	3.56	3.4	3.36	5.52	0	0	-246	1	0	0	1	1	0	0.000	0
593	590	48.39	3.57	3.4	3.37	5.46	0	0	-247	1	0	0	1	1	0	0.000	0
594	591	48.47	3.44	3.4	3.39	5.5	0	0	-221	1	0	0	1	1	0	0.000	0
595	592	48.56	3.15	3.4	3.42	5.56	0	0	-172	1	0	0	1	1	0	0.000	0
596	593	48.64	3.06	3.4	3.43	5.58	0	0	-159	1	0	0	1	1	0	0.000	0
597	594	48.72	3.21	3.4	3.4	5.57	0	0	-182	1	0	0	1	1	0	0.000	0
598	595	48.8	3.41	3.4	3.38	5.49	0	0	-216	1	0	0	1	1	0	0.000	0
599	596	48.88	3.52	3.4	3.4	5.5	0	0	-236	1	0	0	1	1	0	0.000	0
600	597	48.97	3.49	3.4	3.46	5.61	0	0	-229	1	0	0	1	1	0	0.000	0
601	598	49.05	3.45	3.4	3.6	5.7	0	0	-218	1	0	0	1	1	0	0.000	0
602	599	49.13	3.5	3.4	3.74	6.02	0	0	-224	1	0	0	1	1	0	0.000	0
603	600	49.21	3.53	3.4	3.85	6.15	0	0	-227	1	0	0	1	1	0	0.000	0
604	601	49.29	3.55	3.4	3.87	6.16	0	0	-230	1	0	0	1	1	0	0.000	0
605	602	49.38	3.42	3.4	3.87	6.17	0	0	-206	1	0	0	1	1	0	0.000	0
606	603	49.46	3.21	3.4	3.86	6.18	0	0	-173	1	0	0	1	1	0	0.000	0
607	604	49.54	3.03	3.4	3.87	6.15	0	0	-148	1	0	0	1	1	0	0.000	0
608	605	49.62	2.97	3.3	3.92	6.16	0	0	-139	1	0	1	1	1	0	0.000	0
609	606	49.7	3.21	3.3	4.08	6.29	0	0	-168	1	0	0	1	1	0	0.000	0
610	607	49.79	3.58	3.3	4.45	6.65	0	0	-220	1	0	0	1	1	0	0.000	0
611	608	49.87	4.05	3.3	5.04	7.46	0	0	-301	1	0	0	1	1	0	0.000	0
612	609	49.95	4.27	3.3	5.93	8.53	0	0	-317	1	0	0	1	1	0	0.000	0
613	610	50.03	4.52	3.2	6.78	10.3	0	0	-338	1	0	0	1	1	0	0.000	0
614	611	50.11	4.66	3.2	7.34	11.4	0	0	-341	1	0	0	1	1	0	0.000	0
615	612	50.2	5.24	3.2	7.49	11.41	0	0	-523	1	0	0	1	1	0	0.000	0
616	613	50.28	5.34	3.2	7.6	11.34	0	0	-552	1	0	0	1	1	0	0.000	0
617	614	50.36	5.32	3.2	7.98	11.74	0	0	-502	1	0	0	1	1	0	0.000	0
618	615	50.44	5.09	3.2	8.04	13.27	0	0	-414	1	0	0	1	1	0	0.000	0
619	616	50.52	5.49	3.3	7.58	11.82	0	0	-622	1	0	0	1	1	0	0.000	0
620	617	50.61	5.57	3.3	7.25	10.15	0	0	-706	1	0	0	1	1	0	0.000	0
621	618	50.69	4.91	3.2	7.46	11.36	0	0	-406	1	0	0	1	1	0	0.000	0
622	619	50.77	3.89	3.2	7.51	12.51	0	0	-177	1	0	0	1	1	0	0.000	0
623	620	50.85	3.27	3.2	6.58	10.69	0	0	-124	1	0	0	1	1	0	0.000	0
624	621	50.93	3.18	3.3	5.09	8.03	0	0	-144	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	3.4	3.4	3.96	6.34	0	0	-200	1	0	0	1	1	0	0.000	0
626	623	51.1	3.37	3.4	3.35	5.53	0	0	-209	1	0	0	1	1	0	0.000	0
627	624	51.18	2.85	3.4	3.15	5.01	0	0	-137	1	0	1	1	1	0	0.000	0
628	625	51.26	2.33	3.4	3.18	5.14	0	0	-86	1	0	1	1	1	0	0.000	0
629	626	51.34	2	3.3	3.4	5.38	0	0	-62	1	0	1	1	1	0	0.000	0
630	627	51.43	2.05	3.3	3.69	5.85	0	0	-63	1	0	1	1	1	0	0.000	0
631	628	51.51	2.26	3.3	4.05	6.31	0	0	-73	1	0	1	1	1	0	0.000	0
632	629	51.59	2.7	3.3	4.47	6.9	0	0	-103	1	0	1	1	1	0	0.000	0
633	630	51.67	2.95	3.3	4.93	7.59	0	0	-121	1	0	1	1	1	0	0.000	0
634	631	51.75	3.08	3.2	5.36	8.26	0	0	-128	1	0	0	1	1	0	0.000	0
635	632	51.84	3.15	3.2	5.76	8.76	0	0	-128	1	0	0	1	1	0	0.000	0
636	633	51.92	3.5	3.2	6	9.34	0	0	-166	1	0	0	1	1	0	0.000	0
637	634	52	3.93	3.2	6.22	9.35	0	0	-230	1	0	0	1	1	0	0.000	0
638	635	52.08	4.32	3.3	6.29	9.7	0	0	-312	1	0	0	1	1	0	0.000	0
639	636	52.16	4.64	3.3	6.32	9.7	0	0	-402	1	0	0	1	1	0	0.000	0
640	637	52.25	4.97	3.3	6.24	9.59	0	0	-529	1	0	0	1	1	0	0.000	0
641	638	52.33	5.32	3.3	6.17	9.52	0	0	-703	1	0	0	1	1	0	0.000	0
642	639	52.41	5.54	3.3	6.2	9.5	0	0	-828	1	0	0	1	1	0	0.000	0
643	640	52.49	5.48	3.3	6.33	9.67	0	0	-775	1	0	0	1	1	0	0.000	0
644	641	52.57	5.46	3.3	6.56	10.03	0	0	-734	1	0	0	1	1	0	0.000	0
645	642	52.66	5.54	3.3	6.8	10.51	0	0	-745	1	0	0	1	1	0	0.000	0
646	643	52.74	5.69	3.3	7.08	10.66	0	0	-799	1	0	0	1	1	0	0.000	0
647	644	52.82	5.57	3.3	7.47	11.15	0	0	-677	1	0	0	1	1	0	0.000	0
648	645	52.9	5.24	3.2	7.92	12.12	0	0	-478	1	0	0	1	1	0	0.000	0
649	646	52.98	5.19	3.2	7.95	12.62	0	0	-457	1	0	0	1	1	0	0.000	0
650	647	53.07	5.32	3.2	7.83	11.36	0	0	-518	1	0	0	1	1	0	0.000	0
651	648	53.15	5.49	3.3	7.63	11.54	0	0	-616	1	0	0	1	1	0	0.000	0
652	649	53.23	5.53	3.2	7.76	11.59	0	0	-618	1	0	0	1	1	0	0.000	0
653	650	53.31	5.58	3.2	7.85	11.81	0	0	-630	1	0	0	1	1	0	0.000	0
654	651	53.4	5.77	3.2	7.96	11.91	0	0	-711	1	0	0	1	1	0	0.000	0
655	652	53.48	6.02	3.3	8.18	12.2	0	0	-817	1	0	0	1	1	0	0.000	0
656	653	53.56	6.36	3.3	8.38	12.94	0	0	-1003	1	0	0	1	1	0	0.000	0
657	654	53.64	6.75	3.3	8.43	13.11	0	0	-1319	1	0	0	1	1	0	0.000	0
658	655	53.72	7.21	3.3	8.19	12.88	0	0	-1944	1	0	0	1	1	0	0.000	0
659	656	53.81	7.79	3.3	7.7	12.47	0	0	-3255	1	0	0	1	1	0	0.000	0
660	657	53.89	8.53	3.4	7.13	11.49	0	0	-6045	1	0	0	1	1	0	0.000	0
661	658	53.97	9.38	3.4	6.51	10.74	0	0	-11852	1	0	0	1	1	0	0.000	0
662	659	54.05	9.91	3.5	6.04	9.96	0	0	-18002	1	0	0	1	1	0	0.000	0
663	660	54.13	10.35	3.5	5.63	9.57	0	0	-25309	1	0	0	1	1	0	0.000	0
664	661	54.22	11.06	3.6	5.2	9.08	0	0	-41798	1	0	0	1	1	0	0.000	0
665	662	54.3	12.17	3.6	4.71	8.19	0	0	-86931	1	0	0	1	1	0	0.000	0
666	663	54.38	13.24	3.7	4.24	7.51	0	0	-171241	1	0	0	1	1	0	0.000	0
667	664	54.46	13.24	3.7	3.91	7	0	0	-178082	1	0	0	1	1	0	0.000	0
668	665	54.54	12.27	3.7	3.66	6.67	0	0	-104628	1	0	0	1	1	0	0.000	0
669	666	54.63	10.66	3.7	3.52	6.25	0	0	-40163	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	9.2	3.7	3.44	6.16	0	0	-15933	1	0	0	1	1	0	0.000	0
671	668	54.79	8.02	3.6	3.41	6.11	0	0	-7228	1	0	0	1	1	0	0.000	0
672	669	54.87	7.03	3.6	3.32	5.96	0	0	-3640	1	0	0	1	1	0	0.000	0
673	670	54.95	5.81	3.6	3.23	5.77	0	0	-1497	1	0	0	1	1	0	0.000	0
674	671	55.04	5.04	3.5	3.19	5.79	0	0	-831	1	0	0	1	1	0	0.000	0
675	672	55.12	4.82	3.5	3.22	5.82	0	0	-697	1	0	0	1	1	0	0.000	0
676	673	55.2	4.94	3.5	3.21	5.86	0	0	-767	1	0	0	1	1	0	0.000	0
677	674	55.28	5	3.5	3.16	5.73	0	0	-808	1	0	0	1	1	0	0.000	0
678	675	55.36	4.98	3.5	3.11	5.61	0	0	-800	1	0	0	1	1	0	0.000	0
679	676	55.45	4.94	3.5	3.18	5.59	0	0	-769	1	0	0	1	1	0	0.000	0
680	677	55.53	4.62	3.5	3.36	5.82	0	0	-585	1	0	0	1	1	0	0.000	0
681	678	55.61	4.15	3.5	3.52	6.16	0	0	-393	1	0	0	1	1	0	0.000	0
682	679	55.69	3.7	3.4	3.59	6.16	0	0	-269	1	0	0	1	1	0	0.000	0
683	680	55.77	3.66	3.4	3.55	6.07	0	0	-262	1	0	0	1	1	0	0.000	0
684	681	55.86	4.08	3.5	3.55	5.94	0	0	-370	1	0	0	1	1	0	0.000	0
685	682	55.94	4.62	3.5	3.69	6	0	0	-564	1	0	0	1	1	0	0.000	0
686	683	56.02	5.2	3.5	4.04	6.43	0	0	-856	1	0	0	1	1	0	0.000	0
687	684	56.1	5.55	3.4	4.49	7.26	0	0	-1061	1	0	0	1	1	0	0.000	0
688	685	56.18	5.76	3.4	4.93	7.97	0	0	-1177	1	0	0	1	1	0	0.000	0
689	686	56.27	5.94	3.4	5.22	8.41	0	0	-1296	1	0	0	1	1	0	0.000	0
690	687	56.35	6.2	3.4	5.36	8.69	0	0	-1544	1	0	0	1	1	0	0.000	0
691	688	56.43	6.45	3.4	5.38	8.7	0	0	-1653	1	0	0	1	1	0	0.000	0
692	689	56.51	6.39	3.4	5.4	8.53	0	0	-1763	1	0	0	1	1	0	0.000	0
693	690	56.59	6.12	3.4	5.43	8.72	0	0	-1441	1	0	0	1	1	0	0.000	0
694	691	56.68	5.91	3.4	5.48	8.77	0	0	-1522	1	0	0	1	1	0	0.000	0
695	692	56.76	5.89	3.4	5.41	8.68	0	0	-1216	1	0	0	1	1	0	0.000	0
696	693	56.84	6.1	3.4	5.25	8.47	0	0	-1455	1	0	0	1	1	0	0.000	0
697	694	56.92	6.27	3.4	5.02	8.23	0	0	-1704	1	0	0	1	1	0	0.000	0
698	695	57	6.41	3.5	4.82	7.79	0	0	-1940	1	0	0	1	1	0	0.000	0
699	696	57.09	6.23	3.4	4.75	7.69	0	0	-1714	1	0	0	1	1	0	0.000	0
700	697	57.17	6.13	3.4	4.79	7.87	0	0	-1583	1	0	0	1	1	0	0.000	0
701	698	57.25	5.95	3.4	4.88	7.84	0	0	-1367	1	0	0	1	1	0	0.000	0
702	699	57.33	5.92	3.4	4.92	7.95	0	0	-1330	1	0	0	1	1	0	0.000	0
703	700	57.41	6.05	3.4	4.95	8.07	0	0	-1460	1	0	0	1	1	0	0.000	0
704	701	57.5	6.26	3.4	4.91	8	0	0	-1716	1	0	0	1	1	0	0.000	0
705	702	57.58	6.38	3.4	4.84	7.87	0	0	-1893	1	0	0	1	1	0	0.000	0
706	703	57.66	6.33	3.5	4.78	7.79	0	0	-1839	1	0	0	1	1	0	0.000	0
707	704	57.74	6.15	3.4	4.74	7.76	0	0	-1617	1	0	0	1	1	0	0.000	0
708	705	57.82	6	3.4	4.68	7.69	0	0	-1457	1	0	0	1	1	0	0.000	0
709	706	57.91	5.93	3.5	4.57	7.53	0	0	-1402	1	0	0	1	1	0	0.000	0
710	707	57.99	5.94	3.5	4.45	7.34	0	0	-1433	1	0	0	1	1	0	0.000	0
711	708	58.07	5.94	3.5	4.38	7.21	0	0	-1446	1	0	0	1	1	0	0.000	0
712	709	58.15	5.84	3.5	4.37	7.24	0	0	-1343	1	0	0	1	1	0	0.000	0
713	710	58.23	5.78	3.5	4.36	7.25	0	0	-1285	1	0	0	1	1	0	0.000	0
714	711	58.32	5.59	3.4	4.4	7.17	0	0	-1106	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	5.48	3.4	4.5	7.36	0	0	-1004	1	0	0	1	1	0	0.000	0
716	713	58.48	5.43	3.4	4.69	7.64	0	0	-944	1	0	0	1	1	0	0.000	0
717	714	58.56	5.51	3.4	4.8	8.07	0	0	-989	1	0	0	1	1	0	0.000	0
718	715	58.64	5.53	3.4	4.81	7.95	0	0	-1003	1	0	0	1	1	0	0.000	0
719	716	58.73	5.47	3.4	4.75	7.75	0	0	-966	1	0	0	1	1	0	0.000	0
720	717	58.81	5.22	3.4	4.71	7.74	0	0	-800	1	0	0	1	1	0	0.000	0
721	718	58.89	4.89	3.4	4.71	7.67	0	0	-618	1	0	0	1	1	0	0.000	0
722	719	58.97	4.61	3.4	4.73	7.66	0	0	-494	1	0	0	1	1	0	0.000	0
723	720	59.05	4.39	3.4	4.79	7.72	0	0	-410	1	0	0	1	1	0	0.000	0
724	721	59.14	4.29	3.3	4.85	7.87	0	0	-376	1	0	0	1	1	0	0.000	0
725	722	59.22	3.94	3.3	4.99	7.89	0	0	-277	1	0	0	1	1	0	0.000	0
726	723	59.3	3.6	3.3	5.14	8.31	0	0	-205	1	0	0	1	1	0	0.000	0
727	724	59.38	3.28	3.3	5.23	8.55	0	0	-154	1	0	0	1	1	0	0.000	0
728	725	59.46	3.29	3.3	5.15	8.44	0	0	-157	1	0	0	1	1	0	0.000	0
729	726	59.55	3.62	3.3	4.91	8.06	0	0	-214	1	0	0	1	1	0	0.000	0
730	727	59.63	4.11	3.4	4.66	7.51	0	0	-332	1	0	0	1	1	0	0.000	0
731	728	59.71	4.64	3.4	4.51	7.2	0	0	-520	1	0	0	1	1	0	0.000	0
732	729	59.79	4.96	3.4	4.52	7.25	0	0	-669	1	0	0	1	1	0	0.000	0
733	730	59.87	5.17	3.4	4.59	7.43	0	0	-781	1	0	0	1	1	0	0.000	0
734	731	59.96	5.33	3.4	4.64	7.53	0	0	-879	1	0	0	1	1	0	0.000	0
735	732	60.04	5.55	3.4	4.66	7.61	0	0	-1039	1	0	0	1	1	0	0.000	0
736	733	60.12	5.52	3.4	4.71	7.65	0	0	-1008	1	0	0	1	1	0	0.000	0
737	734	60.2	5.45	3.4	4.7	7.81	0	0	-957	1	0	0	1	1	0	0.000	0
738	735	60.28	5.23	3.4	4.63	7.66	0	0	-815	1	0	0	1	1	0	0.000	0
739	736	60.37	5.27	3.4	4.46	7.45	0	0	-858	1	0	0	1	1	0	0.000	0
740	737	60.45	5.26	3.4	4.29	7.15	0	0	-870	1	0	0	1	1	0	0.000	0
741	738	60.53	5.24	3.5	4.16	6.89	0	0	-870	1	0	0	1	1	0	0.000	0
742	739	60.61	5.11	3.5	4.1	6.84	0	0	-792	1	0	0	1	1	0	0.000	0
743	740	60.69	5.08	3.5	4.11	6.85	0	0	-773	1	0	0	1	1	0	0.000	0
744	741	60.78	5.2	3.5	4.13	6.85	0	0	-846	1	0	0	1	1	0	0.000	0
745	742	60.86	5.51	3.5	4.19	6.92	0	0	-1068	1	0	0	1	1	0	0.000	0
746	743	60.94	5.77	3.5	4.31	7.07	0	0	-1283	1	0	0	1	1	0	0.000	0
747	744	61.02	5.72	3.4	4.48	7.38	0	0	-1209	1	0	0	1	1	0	0.000	0
748	745	61.1	5.47	3.4	4.62	7.71	0	0	-982	1	0	0	1	1	0	0.000	0
749	746	61.19	5.25	3.4	4.65	7.76	0	0	-825	1	0	0	1	1	0	0.000	0
750	747	61.27	5.25	3.4	4.6	7.67	0	0	-831	1	0	0	1	1	0	0.000	0
751	748	61.35	5.36	3.4	4.56	7.54	0	0	-909	1	0	0	1	1	0	0.000	0
752	749	61.43	5.23	3.4	4.59	7.51	0	0	-819	1	0	0	1	1	0	0.000	0
753	750	61.52	4.82	3.4	4.72	7.68	0	0	-584	1	0	0	1	1	0	0.000	0
754	751	61.6	4.33	3.3	4.95	8.02	0	0	-383	1	0	0	1	1	0	0.000	0
755	752	61.68	3.99	3.3	5.28	8.51	0	0	-277	1	0	0	1	1	0	0.000	0
756	753	61.76	4.07	3.3	5.62	9.14	0	0	-282	1	0	0	1	1	0	0.000	0
757	754	61.84	4.47	3.3	5.89	9.61	0	0	-375	1	0	0	1	1	0	0.000	0
758	755	61.93	4.99	3.3	6.02	9.74	0	0	-556	1	0	0	1	1	0	0.000	0
759	756	62.01	5.34	3.3	6.07	9.79	0	0	-725	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	5.59	3.3	6.12	9.92	0	0	-871	1	0	0	1	1	0	0.000	0
761	758	62.17	5.93	3.4	6.08	9.97	0	0	-1135	1	0	0	1	1	0	0.000	0
762	759	62.25	6.41	3.4	5.92	9.65	0	0	-1662	1	0	0	1	1	0	0.000	0
763	760	62.34	6.83	3.4	5.65	9.24	0	0	-2352	1	0	0	1	1	0	0.000	0
764	761	62.42	7.09	3.4	5.36	8.87	0	0	-2955	1	0	0	1	1	0	0.000	0
765	762	62.5	7.14	3.5	5.09	8.49	0	0	-3179	1	0	0	1	1	0	0.000	0
766	763	62.58	6.61	3.5	4.9	8.14	0	0	-2224	1	0	0	1	1	0	0.000	0
767	764	62.66	5.7	3.4	4.86	8.12	0	0	-1135	1	0	0	1	1	0	0.000	0
768	765	62.75	5.05	3.4	4.96	8.31	0	0	-678	1	0	0	1	1	0	0.000	0
769	766	62.83	5.1	3.4	5.1	8.67	0	0	-692	1	0	0	1	1	0	0.000	0
770	767	62.91	5.8	3.4	5.34	8.85	0	0	-1147	1	0	0	1	1	0	0.000	0
771	768	62.99	6.49	3.4	5.76	9.39	0	0	-1806	1	0	0	1	1	0	0.000	0
772	769	63.07	7.28	3.4	6.46	10.45	0	0	-2863	1	0	0	1	1	0	0.000	0
773	770	63.16	8.02	3.4	7.18	11.92	0	0	-4230	1	0	0	1	1	0	0.000	0
774	771	63.24	8.72	3.4	7.69	13.05	0	0	-6152	1	0	0	1	1	0	0.000	0
775	772	63.32	9.25	3.4	7.87	13.38	0	0	-8414	1	0	0	1	1	0	0.000	0
776	773	63.4	9.21	3.4	7.92	13.29	0	0	-8107	1	0	0	1	1	0	0.000	0
777	774	63.48	8.9	3.4	7.91	13.49	0	0	-6620	1	0	0	1	1	0	0.000	0
778	775	63.57	8.47	3.4	7.73	13.38	0	0	-5156	1	0	0	1	1	0	0.000	0
779	776	63.65	8.37	3.4	7.31	12.61	0	0	-5243	1	0	0	1	1	0	0.000	0
780	777	63.73	7.67	3.4	6.98	11.7	0	0	-4445	1	0	0	1	1	0	0.000	0
781	778	63.81	6.58	3.3	7.04	11.93	0	0	-1563	1	0	0	1	1	0	0.000	0
782	779	63.89	5.67	3.3	7.29	12.69	0	0	-754	1	0	0	1	1	0	0.000	0
783	780	63.98	5.65	3.3	7.3	12.73	0	0	-743	1	0	0	1	1	0	0.000	0
784	781	64.06	6.32	3.3	6.73	12.07	0	0	-1164	1	0	0	1	1	0	0.000	0
785	782	64.14	7.32	3.4	5.87	10.25	0	0	-3233	1	0	0	1	1	0	0.000	0
786	783	64.22	8.07	3.5	5.19	8.71	0	0	-6016	1	0	0	1	1	0	0.000	0
787	784	64.3	7.84	3.5	4.94	8.54	0	0	-5308	1	0	0	1	1	0	0.000	0
788	785	64.39	6.62	3.4	5.1	8.53	0	0	-2181	1	0	0	1	1	0	0.000	0
789	786	64.47	5.53	3.4	5.15	9.03	0	0	-959	1	0	0	1	1	0	0.000	0
790	787	64.55	4.75	3.4	5	8.76	0	0	-533	1	0	0	1	1	0	0.000	0
791	788	64.63	4.46	3.4	4.59	8.07	0	0	-446	1	0	0	1	1	0	0.000	0
792	789	64.71	4.16	3.4	4.21	7.36	0	0	-366	1	0	0	1	1	0	0.000	0
793	790	64.8	3.8	3.4	4	7.01	0	0	-279	1	0	0	1	1	0	0.000	0
794	791	64.88	3.29	3.4	3.95	6.81	0	0	-183	1	0	0	1	1	0	0.000	0
795	792	64.96	2.94	3.3	3.95	6.81	0	0	-135	1	0	1	1	1	0	0.000	0
796	793	65.04	2.88	3.3	3.92	6.84	0	0	-129	1	0	1	1	1	0	0.000	0
797	794	65.12	3	3.4	3.83	6.66	0	0	-145	1	0	0	1	1	0	0.000	0
798	795	65.21	3.19	3.4	3.72	6.5	0	0	-172	1	0	0	1	1	0	0.000	0
799	796	65.29	3.3	3.4	3.67	6.36	0	0	-190	1	0	0	1	1	0	0.000	0
800	797	65.37	3.31	3.4	3.64	6.38	0	0	-193	1	0	0	1	1	0	0.000	0
801	798	65.45	3.22	3.4	3.66	6.27	0	0	-178	1	0	0	1	1	0	0.000	0
802	799	65.53	3.1	3.4	3.69	6.36	0	0	-160	1	0	0	1	1	0	0.000	0
803	800	65.62	3.03	3.4	3.75	6.39	0	0	-150	1	0	0	1	1	0	0.000	0
804	801	65.7	3.01	3.4	3.8	6.51	0	0	-146	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	3.08	3.4	3.83	6.57	0	0	-155	1	0	0	1	1	0	0.000	0
806	803	65.86	3.19	3.4	3.82	6.5	0	0	-170	1	0	0	1	1	0	0.000	0
807	804	65.94	3.31	3.4	3.82	6.5	0	0	-189	1	0	0	1	1	0	0.000	0
808	805	66.03	3.38	3.4	3.84	6.55	0	0	-200	1	0	0	1	1	0	0.000	0
809	806	66.11	3.45	3.4	3.89	6.6	0	0	-211	1	0	0	1	1	0	0.000	0
810	807	66.19	3.54	3.4	3.96	6.68	0	0	-226	1	0	0	1	1	0	0.000	0
811	808	66.27	3.7	3.4	4.02	6.84	0	0	-256	1	0	0	1	1	0	0.000	0
812	809	66.35	3.88	3.4	4.05	6.87	0	0	-297	1	0	0	1	1	0	0.000	0
813	810	66.44	4.12	3.4	4.06	6.9	0	0	-361	1	0	0	1	1	0	0.000	0
814	811	66.52	4.37	3.4	4.1	7	0	0	-440	1	0	0	1	1	0	0.000	0
815	812	66.6	4.64	3.4	4.19	7.13	0	0	-541	1	0	0	1	1	0	0.000	0
816	813	66.68	4.86	3.4	4.3	7.24	0	0	-635	1	0	0	1	1	0	0.000	0
817	814	66.76	5.05	3.4	4.43	7.47	0	0	-726	1	0	0	1	1	0	0.000	0
818	815	66.85	5.19	3.4	4.55	7.67	0	0	-798	1	0	0	1	1	0	0.000	0
819	816	66.93	5.35	3.4	4.64	7.86	0	0	-893	1	0	0	1	1	0	0.000	0
820	817	67.01	5.41	3.4	4.69	8.02	0	0	-929	1	0	0	1	1	0	0.000	0
821	818	67.09	5.46	3.4	4.74	8.09	0	0	-959	1	0	0	1	1	0	0.000	0
822	819	67.17	5.47	3.4	4.77	8.18	0	0	-963	1	0	0	1	1	0	0.000	0
823	820	67.26	5.4	3.4	4.77	8.22	0	0	-913	1	0	0	1	1	0	0.000	0
824	821	67.34	5.27	3.4	4.75	8.14	0	0	-828	1	0	0	1	1	0	0.000	0
825	822	67.42	5.09	3.4	4.75	8.12	0	0	-719	1	0	0	1	1	0	0.000	0
826	823	67.5	5.05	3.4	4.78	8.2	0	0	-695	1	0	0	1	1	0	0.000	0
827	824	67.58	5.14	3.4	4.81	8.18	0	0	-741	1	0	0	1	1	0	0.000	0
828	825	67.67	5.31	3.4	4.79	8.23	0	0	-849	1	0	0	1	1	0	0.000	0
829	826	67.75	5.61	3.4	4.73	8.17	0	0	-1078	1	0	0	1	1	0	0.000	0
830	827	67.83	6.1	3.5	4.63	8.04	0	0	-1580	1	0	0	1	1	0	0.000	0
831	828	67.91	6.72	3.5	4.49	7.93	0	0	-2539	1	0	0	1	1	0	0.000	0
832	829	67.99	7.27	3.5	4.36	7.69	0	0	-3831	1	0	0	1	1	0	0.000	0
833	830	68.08	7.4	3.5	4.23	7.55	0	0	-4267	1	0	0	1	1	0	0.000	0
834	831	68.16	7.14	3.5	4.14	7.44	0	0	-3586	1	0	0	1	1	0	0.000	0
835	832	68.24	6.73	3.5	4.08	7.31	0	0	-2688	1	0	0	1	1	0	0.000	0
836	833	68.32	6.28	3.5	4.05	7.21	0	0	-1939	1	0	0	1	1	0	0.000	0
837	834	68.4	5.81	3.5	4.11	7.16	0	0	-1354	1	0	0	1	1	0	0.000	0
838	835	68.49	5.39	3.5	4.23	7.37	0	0	-969	1	0	0	1	1	0	0.000	0
839	836	68.57	5.2	3.4	4.37	7.5	0	0	-822	1	0	0	1	1	0	0.000	0
840	837	68.65	5.24	3.4	4.46	7.64	0	0	-839	1	0	0	1	1	0	0.000	0
841	838	68.73	5.41	3.4	4.52	7.77	0	0	-949	1	0	0	1	1	0	0.000	0
842	839	68.81	5.67	3.4	4.58	7.92	0	0	-1150	1	0	0	1	1	0	0.000	0
843	840	68.9	6.05	3.4	4.65	8.15	0	0	-1518	1	0	0	1	1	0	0.000	0
844	841	68.98	6.43	3.5	4.74	8.2	0	0	-1990	1	0	0	1	1	0	0.000	0
845	842	69.06	6.78	3.5	4.81	8.42	0	0	-2546	1	0	0	1	1	0	0.000	0
846	843	69.14	6.98	3.5	4.89	8.51	0	0	-2911	1	0	0	1	1	0	0.000	0
847	844	69.22	7.13	3.5	4.92	8.67	0	0	-3229	1	0	0	1	1	0	0.000	0
848	845	69.31	7.3	3.5	4.91	8.69	0	0	-3649	1	0	0	1	1	0	0.000	0
849	846	69.39	7.54	3.5	4.88	8.64	0	0	-4339	1	0	0	1	1	0	0.000	0

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850	847	69.47	7.79	3.5	4.84	8.59	0	0	-5195	1	0	0	1	1	0	0.000	0
851	848	69.55	7.84	3.5	4.81	8.51	0	0	-5399	1	0	0	1	1	0	0.000	0
852	849	69.64	7.8	3.5	4.78	8.52	0	0	-5272	1	0	0	1	1	0	0.000	0
853	850	69.72	7.65	3.5	4.75	8.47	0	0	-4767	1	0	0	1	1	0	0.000	0
854	851	69.8	7.59	3.5	4.68	8.42	0	0	-4612	1	0	0	1	1	0	0.000	0
855	852	69.88	7.45	3.5	4.6	8.18	0	0	-4223	1	0	0	1	1	0	0.000	0
856	853	69.96	7.37	3.5	4.49	8.07	0	0	-4046	1	0	0	1	1	0	0.000	0
857	854	70.05	7.35	3.5	4.44	7.89	0	0	-4014	1	0	0	1	1	0	0.000	0
858	855	70.13	7.38	3.5	4.87	7.85	0	0	-3882	1	0	0	1	1	0	0.000	0
859	856	70.21	8.22	3.5	5.67	9.84	0	0	-6229	1	0	0	1	1	0	0.000	0
860	857	70.29	7.15	3.3	9.01	11.28	0	0	-1508	1	0	0	1	1	0	0.000	0
861	858	70.37	5.2	3.0	15.86	23.42	0	0	340	1	0	0	0	1	0	0.000	0
862	859	70.46	4.04	2.8	23.89	44.61	0	0	456	1	0	0	0	1	0	0.000	0
863	860	70.54	3.55	2.7	30.94	53.65	0	0	491	1	0	0	0	1	0	0.000	0
864	861	70.62	3.45	2.6	36.14	128.98	0	0.15	579	1	0	0	0	1	0	0.000	0
865	862	70.7	3.25	2.6	39.78	140.71	0	0.12	564	1	1	0	0	1	0	0.000	0
866	863	70.78	2.97	2.5	42.05	139.72	0	0.12	480	1	1	1	0	1	0	0.000	0
867	864	70.87	2.82	2.5	41.47	138.51	0	0.12	413	1	1	1	0	1	0	0.000	0
868	865	70.95	2.79	2.5	40.15	134.48	0	0.14	384	1	1	1	0	1	0	0.000	0
869	866	71.03	2.79	2.5	38.62	131.57	0	0.15	363	1	1	1	0	1	0	0.000	0
870	867	71.11	2.79	2.5	36.98	129.88	0	0.15	340	1	1	1	0	1	0	0.000	0
871	868	71.19	2.9	2.6	35.12	125.66	0	0.17	316	1	1	1	0	1	0	0.000	0
872	869	71.28	3.09	2.6	33.13	122.72	0	0.18	37	1	1	0	0	1	0	0.000	0
873	870	71.36	3.21	2.6	31.64	54	0	0	382	1	0	0	0	1	0	0.000	0
874	871	71.44	3.35	2.7	30.04	52.22	0	0	95	1	0	0	0	1	0	0.000	0
875	872	71.52	3.5	2.7	29.3	48.89	0	0	429	1	0	0	0	1	0	0.000	0
876	873	71.6	3.51	2.6	32.37	51.31	0	0	512	1	0	0	0	1	0	0.000	0
877	874	71.69	3.37	2.6	37.05	138.09	0	0.12	562	1	1	0	0	1	0	0.000	0
878	875	71.77	3.09	2.5	42.87	141.42	0	0.11	547	1	1	0	0	1	0	0.000	0
879	876	71.85	2.88	2.5	45.79	149.1	0	0.09	500	1	1	1	0	1	0	0.000	0
880	877	71.93	2.85	2.5	47.25	151.81	0	0.09	509	1	1	1	0	1	0	0.000	0
881	878	72.01	2.94	2.5	46.6	149.48	0	0.09	540	1	1	1	0	1	0	0.000	0
882	879	72.1	3.08	2.5	45.01	146.96	0	0.1	581	1	1	0	0	1	0	0.000	0
883	880	72.18	3.19	2.5	41.86	145.35	0	0.1	576	1	1	0	0	1	0	0.000	0
884	881	72.26	3.31	2.6	38.98	132.54	0	0.14	576	1	1	0	0	1	0	0.000	0
885	882	72.34	3.39	2.6	36.08	131.6	0	0.14	549	1	1	0	0	1	0	0.000	0
886	883	72.42	3.36	2.6	34.68	60.19	0	0	503	1	0	0	0	1	0	0.000	0
887	884	72.51	3.21	2.6	33.99	124.09	0	0	429	1	0	0	0	1	0	0.000	0
888	885	72.59	2.91	2.6	34.56	125.52	0	0	340	1	1	1	0	1	0	0.000	0
889	886	72.67	2.46	2.5	35.95	127.69	0	0	244	1	1	1	0	1	0	0.000	0
890	887	72.75	1.98	2.4	37.01	124.81	0	0	165	1	1	1	0	1	0	0.000	0
891	888	72.83	1.75	2.4	36.39	122.22	0	0	130	1	1	1	0	1	0	0.000	0
892	889	72.92	1.96	2.5	34.4	119.86	0	0	145	1	1	1	0	1	0	0.000	0
893	890	73	2.49	2.6	31.18	118.98	0	0	199	1	1	1	0	1	0	0.000	0
894	891	73.08	3.23	2.7	26.7	48.17	0	0	288	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	4.22	2.8	22.72	38.84	0	0	474	1	0	0	0	1	0	0.000	0
896	893	73.24	4.89	2.9	21.06	31.98	0	0	679	1	0	0	0	1	0	0.000	0
897	894	73.33	4.63	2.8	24.44	39.09	0	0	771	1	0	0	0	1	0	0.000	0
898	895	73.41	3.2	2.6	36.57	124.92	0	0	477	1	1	0	0	1	0	0.000	0
899	896	73.49	2.52	2.4	55.13	167.64	0	0	467	0	1	1	0	1	0	0.000	0
900	897	73.57	1.98	2.2	77.58	196.02	0	0	439	0	1	1	0	1	0	0.000	0
901	898	73.65	1.78	2.1	95.03	228.1	0	0	463	0	1	1	0	1	0	0.000	0
902	899	73.74	1.62	2.0	103.07	239.38	0	0	438	0	1	1	0	1	0	0.000	0
903	900	73.82	1.6	2.0	102.72	217.67	0	0	429	0	1	1	0	1	0	0.000	0
904	901	73.9	1.74	2.1	96.36	223.14	0	0	454	0	1	1	0	1	0	0.000	0
905	902	73.98	1.89	2.1	90.56	220.53	0	0	485	0	1	1	0	1	0	0.000	0
906	903	74.06	2.15	2.2	81.9	210.44	0	0	546	0	1	1	0	1	0	0.000	0
907	904	74.15	2.39	2.3	76.16	195.05	0	0	621	0	1	1	0	1	0	0.000	0
908	905	74.23	2.51	2.3	74.76	203.38	0	0	676	0	1	1	0	1	0	0.000	0
909	906	74.31	2.43	2.3	77.35	209.1	0	0	656	0	1	1	0	1	0	0.000	0
910	907	74.39	2.21	2.2	79.27	208.37	0	0	554	0	1	1	0	1	0	0.000	0
911	908	74.47	1.89	2.2	81.21	200.37	0	0	427	0	1	1	0	1	0	0.000	0
912	909	74.56	1.64	2.1	82.2	197.45	0	0	344	0	1	1	0	1	0	0.000	0
913	910	74.64	1.52	2.1	79.76	193.12	0	0.01	297	0	1	1	0	1	0	0.000	0
914	911	74.72	1.6	2.1	75.17	178.24	0	0.04	298	0	1	1	0	1	0	0.000	0
915	912	74.8	1.73	2.2	70.42	179.48	0	0.04	310	0	1	1	0	1	0	0.000	0
916	913	74.88	1.75	2.2	70.14	177.49	0	0.04	315	0	1	1	0	1	0	0.000	0
917	914	74.97	1.7	2.2	71.48	180.84	0	0.03	307	0	1	1	0	1	0	0.000	0
918	915	75.05	1.61	2.2	73.49	183.11	0	0.03	292	0	1	1	0	1	0	0.000	0
919	916	75.13	1.58	2.1	76.45	181.48	0	0.03	298	0	1	1	0	1	0	0.000	0
920	917	75.21	1.59	2.1	81.16	191.41	0	0.01	323	0	1	1	0	1	0	0.000	0
921	918	75.29	1.8	2.1	86.69	211.02	0	0	424	0	1	1	0	1	0	0.000	0
922	919	75.38	1.96	2.1	93.18	226.42	0	0	534	0	1	1	0	1	0	0.000	0
923	920	75.46	2.08	2.1	96.65	245.59	0	0	621	0	1	1	0	1	0	0.000	0
924	921	75.54	2	2.1	99.11	238.94	0	0	595	0	1	1	0	1	0	0.000	0
925	922	75.62	1.98	2.1	96.03	239.61	0	0	563	0	1	1	0	1	0	0.000	0
926	923	75.7	1.93	2.1	95.16	221.41	0	0	532	0	1	1	0	1	0	0.000	0
927	924	75.79	1.71	2.1	95.77	224.99	0	0	438	0	1	1	0	1	0	0.000	0
928	925	75.87	1.43	2.0	98.88	213.48	0	0	350	0	1	1	0	1	0	0.000	0
929	926	75.95	1.13	1.9	101.62	187.02	0	0.02	272	0	1	1	0	1	0	0.000	0
930	927	76.03	1.01	1.9	100.12	180.35	0	0.03	238	0	1	1	0	1	0	0.000	0
931	928	76.11	0.97	1.9	95.6	168.87	0	0	217	0	1	1	0	1	0	0.000	0
932	929	76.2	1.1	2.0	87.18	172.25	0	0	221	0	1	1	0	1	0	0.000	0
933	930	76.28	1.32	2.1	75.87	182.09	0	0	232	0	1	1	0	1	0	0.000	0
934	931	76.36	1.94	2.3	60.57	171.37	0	0	312	0	1	1	0	1	0	0.000	0
935	932	76.44	2.92	2.5	41.46	146.14	0	0	451	1	1	1	0	1	0	0.000	0
936	933	76.52	4.53	2.8	26.87	43.21	0	0	856	1	0	0	0	1	0	0.000	0
937	934	76.61	6.13	3.0	17.69	28.81	0	0	1065	1	0	0	0	1	0	0.000	0
938	935	76.69	7.69	3.2	12.02	22.69	0	0	-304	1	0	0	1	1	0	0.000	0
939	936	76.77	9.26	3.4	8.43	13.34	0	0	-7445	1	0	0	1	1	0	0.000	0

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940	937	76.85	11.13	3.5	5.91	10.67	0	0	-39385	1	0	0	1	1	0	0.000	0
941	938	76.93	9.03	3.5	5.3	10.14	0	0	-11319	1	0	0	1	1	0	0.000	0
942	939	77.02	5.71	3.4	5.39	10.4	0	0	-1064	1	0	0	1	1	0	0.000	0
943	940	77.1	3.18	3.2	5.7	11.09	0	0	-132	1	0	0	1	1	0	0.000	0
944	941	77.18	2.75	3.2	6.06	11.6	0	0	-86	1	0	1	1	1	0	0.000	0
945	942	77.26	2.89	3.2	6.25	12.07	0	0	-95	1	0	1	1	1	0	0.000	0
946	943	77.34	3.14	3.2	6.42	11.95	0	0	-114	1	0	0	1	1	0	0.000	0
947	944	77.43	3.66	3.2	6.46	12.35	0	0	-176	1	0	0	1	1	0	0.000	0
948	945	77.51	4.22	3.2	6.64	12.17	0	0	-272	1	0	0	1	1	0	0.000	0
949	946	77.59	4.65	3.2	6.83	12.69	0	0	-372	1	0	0	1	1	0	0.000	0
950	947	77.67	4.68	3.2	7.26	13.14	0	0	-352	1	0	0	1	1	0	0.000	0
951	948	77.75	4.62	3.2	8.05	14.14	0	0	-285	1	0	0	1	1	0	0.000	0
952	949	77.84	5.17	3.2	8.32	16.73	0	0	-413	1	0	0	1	1	0	0.000	0
953	950	77.92	6.15	3.2	8.42	14.54	0	0	-850	1	0	0	1	1	0	0.000	0
954	951	78	7.48	3.3	8.23	14.68	0	0	-2331	1	0	0	1	1	0	0.000	0
955	952	78.08	7.29	3.2	9.71	15.42	0	0	-1332	1	0	0	1	1	0	0.000	0
956	953	78.17	5.81	3.1	13.97	21.55	0	0	237	1	0	0	0	1	0	0.000	0
957	954	78.25	4.31	2.8	22.08	36.9	0	0	478	1	0	0	0	1	0	0.000	0
958	955	78.33	4.06	2.7	29.55	61.16	0	0	694	1	0	0	0	1	0	0.000	0
959	956	78.41	4.23	2.7	34.95	65.05	0	0	1050	1	0	0	0	1	0	0.000	0
960	957	78.49	4.91	2.7	36.45	70.12	0	0	1930	1	0	0	0	1	0	0.000	0
961	958	78.58	5.73	2.8	35.13	71.02	0	0	3439	1	0	0	0	1	0	0.000	0
962	959	78.66	7.03	2.9	31.78	57.26	0	0	7645	1	0	0	0	1	0	0.000	0
963	960	78.74	8.71	3.0	27.61	49.71	0	0	19197	1	0	0	0	1	0	0.000	0
964	961	78.82	10.33	3.1	24.17	45.57	0	0	42154	1	0	0	0	1	0	0.000	0
965	962	78.9	11.5	3.1	21.42	37.13	0	0	66748	1	0	0	0	1	0	0.000	0
966	963	78.99	12.59	3.2	17.94	33.96	0	0	77623	1	0	0	0	1	0	0.000	0
967	964	79.07	13.72	3.3	14.44	26.16	0	0	52721	1	0	0	0	1	0	0.000	0
968	965	79.15	15.27	3.4	10.67	18.35	0	0	-115863	1	0	0	1	1	0	0.000	0
969	966	79.23	15.72	3.5	8.09	14.15	0	0	-354190	1	0	0	1	1	0	0.000	0
970	967	79.31	12.9	3.5	7.13	12.94	0	0	-91661	1	0	0	1	1	0	0.000	0
971	968	79.4	10.31	3.5	6.65	13.55	0	0	-21015	1	0	0	1	1	0	0.000	0
972	969	79.48	9.31	3.4	6.73	11.76	0	0	-10906	1	0	0	1	1	0	0.000	0
973	970	79.56	9.54	3.4	7.2	13.28	0	0	-11637	1	0	0	1	1	0	0.000	0
974	971	79.64	9.42	3.4	8.66	15.76	0	0	-7799	1	0	0	1	1	0	0.000	0
975	972	79.72	9.58	3.3	9.27	18.83	0	0	-7278	1	0	0	1	1	0	0.000	0
976	973	79.81	10.79	3.4	9.46	16.31	0	0	-14739	1	0	0	1	1	0	0.000	0
977	974	79.89	9.77	3.3	11.36	16.62	0	0	-2904	1	0	0	1	1	0	0.000	0
978	975	79.97	6.15	3.0	20.34	28.58	0	0	1634	1	0	0	0	1	0	0.000	0
979	976	80.05	4.1	2.7	32.88	67.5	0	0	857	1	0	0	0	1	0	0.000	0
980	977	80.13	3.06	2.5	49.49	166.63	0	0	649	0	1	0	0	1	0	0.000	0
981	978	80.22	2.63	2.4	60.49	189.15	0	0	579	0	1	1	0	1	0	0.000	0
982	979	80.3	2.27	2.3	67.1	196.47	0	0	479	0	1	1	0	1	0	0.000	0
983	980	80.38	2.08	2.3	66.96	193.97	0	0	402	0	1	1	0	1	0	0.000	0
984	981	80.46	1.96	2.3	63.54	176.92	0	0.04	338	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
985	982	80.54	1.77	2.2	59.71	167.23	0	0.06	263	0	1	1	0	1	0	0.000	0
986	983	80.63	1.58	2.2	57.17	160.72	0	0.07	208	0	1	1	0	1	0	0.000	0
987	984	80.71	1.32	2.2	56.49	149.78	0	0.09	161	1	1	1	0	1	0	0.000	0
988	985	80.79	1.22	2.2	57.55	147.79	0	0.1	150	1	1	1	0	1	0	0.000	0
989	986	80.87	1.39	2.2	60.67	159.5	0	0.07	188	1	1	1	0	1	0	0.000	0
990	987	80.95	1.56	2.2	65.52	174.76	0	0.05	243	0	1	1	0	1	0	0.000	0
991	988	81.04	1.87	2.2	69.97	189.66	0	0.01	350	0	1	1	0	1	0	0.000	0
992	989	81.12	1.97	2.2	73.28	203.49	0	0	406	0	1	1	0	1	0	0.000	0
993	990	81.2	2.2	2.2	73.7	206.93	0	0	504	0	1	1	0	1	0	0.000	0
994	991	81.28	1.99	2.2	72.93	201.11	0	0	411	0	1	1	0	1	0	0.000	0
995	992	81.36	1.73	2.2	70.2	189.28	0	0.01	309	0	1	1	0	1	0	0.000	0
996	993	81.45	1.41	2.1	66.18	170.59	0	0.05	213	0	1	1	0	1	0	0.000	0
997	994	81.53	1.43	2.2	57.36	161.34	0	0.07	182	0	1	1	0	1	0	0.000	0
998	995	81.61	1.35	2.2	48.92	138.66	0	0.12	137	1	1	1	0	1	0	0.000	0
999	996	81.69	1.06	2.2	42.49	123.48	0	0.18	86	1	1	1	0	1	0	0.000	0
1000	997	81.77	0.85	2.2	38.67	115.76	0	0.21	61	1	1	1	1	1	0	0.000	0
1001	998	81.86	0.76	2.2	34.77	110.21	0	0.24	48	1	1	1	1	1	0	0.000	0
1002	999	81.94	0.85	2.3	29.58	104.09	0	0.28	40	1	1	1	1	1	0	0.000	0
1003	1000	82.02	0.84	2.4	26.41	96.43	0	0.33	32	1	1	1	1	1	0	0.000	0
1004	1001	82.1	1.06	2.4	25.2	100.25	0	0.3	36	1	1	1	1	1	0	0.000	0
1005	1002	82.18	1.28	2.5	25.59	105.62	0	0.27	46	1	1	1	1	1	0	0.000	0
1006	1003	82.27	1.48	2.5	27.44	105.25	0	0.27	63	1	1	1	1	1	0	0.000	0
1007	1004	82.35	1.67	2.5	30.82	115.24	0	0.21	9	1	1	1	0	1	0	0.000	0
1008	1005	82.43	1.66	2.4	38.3	127.08	0	0.16	130	1	1	1	0	1	0	0.000	0
1009	1006	82.51	1.61	2.3	47.99	145.96	0	0.1	70	1	1	1	0	1	0	0.000	0
1010	1007	82.59	1.36	2.2	59.27	161.71	0	0.07	177	0	1	1	0	1	0	0.000	0
1011	1008	82.68	1.26	2.1	66.64	172.33	0	0.05	187	0	1	1	0	1	0	0.000	0
1012	1009	82.76	1.23	2.1	71.9	168.24	0	0.06	199	0	1	1	0	1	0	0.000	0
1013	1010	82.84	1.27	2.1	74.71	181.28	0	0.03	217	0	1	1	0	1	0	0.000	0
1014	1011	82.92	1.38	2.1	78.01	188.63	0	0.01	253	0	1	1	0	1	0	0.000	0
1015	1012	83	1.56	2.1	78.35	200.75	0	0	301	0	1	1	0	1	0	0.000	0
1016	1013	83.09	1.58	2.1	78.46	199.11	0	0	308	0	1	1	0	1	0	0.000	0
1017	1014	83.17	1.58	2.1	77.01	197	0	0	301	0	1	1	0	1	0	0.000	0
1018	1015	83.25	1.58	2.1	77.03	192.81	0	0.01	301	0	1	1	0	1	0	0.000	0
1019	1016	83.33	1.76	2.2	79.47	203.1	0	0	369	0	1	1	0	1	0	0.000	0
1020	1017	83.41	2.01	2.2	78.86	230.67	0	0	460	0	1	1	0	1	0	0.000	0
1021	1018	83.5	2.14	2.2	78.78	208.38	0	0	517	0	1	1	0	1	0	0.000	0
1022	1019	83.58	2.31	2.2	76.9	217.8	0	0	585	0	1	1	0	1	0	0.000	0
1023	1020	83.66	2.29	2.2	78.85	227.28	0	0	592	0	1	1	0	1	0	0.000	0
1024	1021	83.74	2.16	2.2	81.41	221.93	0	0	547	0	1	1	0	1	0	0.000	0
1025	1022	83.82	2.12	2.2	81.42	228.56	0	0	528	0	1	1	0	1	0	0.000	0
1026	1023	83.91	2.12	2.2	79.62	223.41	0	0	514	0	1	1	0	1	0	0.000	0
1027	1024	83.99	2.25	2.2	75.82	211.98	0	0	545	0	1	1	0	1	0	0.000	0
1028	1025	84.07	2.26	2.3	71.39	211.05	0	0	512	0	1	1	0	1	0	0.000	0
1029	1026	84.15	2.17	2.3	66.84	196.02	0	0	435	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1030	1027	84.23	2.02	2.3	63.28	178.15	0	0.04	355	0	1	1	0	1	0	0.000	0
1031	1028	84.32	1.92	2.3	60.42	181.09	0	0.03	306	0	1	1	0	1	0	0.000	0
1032	1029	84.4	1.71	2.2	60.38	170.12	0	0.05	252	0	1	1	0	1	0	0.000	0
1033	1030	84.48	1.45	2.2	61.22	164.72	0	0.06	201	0	1	1	0	1	0	0.000	0
1034	1031	84.56	1.17	2.1	65.43	161.94	0	0.07	168	0	1	1	0	1	0	0.000	0
1035	1032	84.64	1.08	2.1	68.14	166.83	0	0.06	162	0	1	1	0	1	0	0.000	0
1036	1033	84.73	1.14	2.1	69.94	164.26	0	0.06	177	0	1	1	0	1	0	0.000	0
1037	1034	84.81	1.36	2.1	69.99	179.18	0	0.04	218	0	1	1	0	1	0	0.000	0
1038	1035	84.89	1.62	2.2	68.89	192.18	0	0.01	273	0	1	1	0	1	0	0.000	0
1039	1036	84.97	1.78	2.2	65.97	184.69	0	0.02	300	0	1	1	0	1	0	0.000	0
1040	1037	85.05	1.94	2.3	62.81	179.05	0	0.04	327	0	1	1	0	1	0	0.000	0
1041	1038	85.14	2.06	2.3	62.23	184.37	0	0.02	361	0	1	1	0	1	0	0.000	0
1042	1039	85.22	1.99	2.3	64.52	187.67	0	0.02	354	0	1	1	0	1	0	0.000	0
1043	1040	85.3	1.72	2.2	66.53	189.17	0	0.01	287	0	1	1	0	1	0	0.000	0
1044	1041	85.38	1.6	2.2	67.54	181.11	0	0.03	261	0	1	1	0	1	0	0.000	0
1045	1042	85.46	1.82	2.2	68.37	186.77	0	0.02	325	0	1	1	0	1	0	0.000	0
1046	1043	85.55	1.97	2.2	72.48	205.13	0	0	401	0	1	1	0	1	0	0.000	0
1047	1044	85.63	1.89	2.2	77.19	217.47	0	0	402	0	1	1	0	1	0	0.000	0
1048	1045	85.71	1.66	2.1	80.76	208.81	0	0	343	0	1	1	0	1	0	0.000	0
1049	1046	85.79	1.55	2.1	78.95	208.85	0	0	301	0	1	1	0	1	0	0.000	0
1050	1047	85.87	1.44	2.1	76.93	189.93	0	0.01	264	0	1	1	0	1	0	0.000	0
1051	1048	85.96	1.31	2.1	72.4	185.18	0	0.02	247	0	1	1	0	1	0	0.000	0
1052	1049	86.04	1.07	2.1	70.33	162.49	0	0.07	167	0	1	1	0	1	0	0.000	0
1053	1050	86.12	0.99	2.1	66.71	156.75	0	0.08	145	1	1	1	0	1	0	0.000	0
1054	1051	86.2	1	2.1	63.53	154.74	0	0.08	137	1	1	1	0	1	0	0.000	0
1055	1052	86.28	1.07	2.1	59.27	152.68	0	0.09	135	1	1	1	0	1	0	0.000	0
1056	1053	86.37	0.98	2.1	56.29	143.19	0	0.11	116	1	1	1	0	1	0	0.000	0
1057	1054	86.45	1.14	2.2	52.13	145.42	0	0.1	122	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.39	2.2	53.34	143.76	0	0.11	159	1	1	1	0	1	0	0.000	0
1059	1056	86.61	1.93	2.3	57.6	175.25	0	0.05	290	0	1	1	0	1	0	0.000	0
1060	1057	86.7	2.2	2.3	64.47	201.53	0	0	428	0	1	1	0	1	0	0.000	0
1061	1058	86.78	2.59	2.3	65.14	209.44	0	0	613	0	1	1	0	1	0	0.000	0
1062	1059	86.86	2.81	2.4	64.19	196.65	0	0	731	0	1	1	0	1	0	0.000	0
1063	1060	86.94	2.87	2.4	61.41	206.47	0	0	728	0	1	1	0	1	0	0.000	0
1064	1061	87.02	2.73	2.4	60.18	191.54	0	0.01	628	0	1	1	0	1	0	0.000	0
1065	1062	87.11	2.46	2.4	57.45	183.72	0	0.02	467	0	1	1	0	1	0	0.000	0
1066	1063	87.19	2.1	2.3	56.83	174.42	0	0.05	333	0	1	1	0	1	0	0.000	0
1067	1064	87.27	1.75	2.3	56.12	171.34	0	0.05	238	0	1	1	0	1	0	0.000	0
1068	1065	87.35	1.44	2.2	56.92	158.71	0	0.07	182	1	1	1	0	1	0	0.000	0
1069	1066	87.43	1.27	2.2	58.68	158.19	0	0.07	161	1	1	1	0	1	0	0.000	0
1070	1067	87.52	1.18	2.1	64.39	162.11	0	0.07	166	0	1	1	0	1	0	0.000	0
1071	1068	87.6	1.12	2.1	70.47	175.42	0	0.05	175	0	1	1	0	1	0	0.000	0
1072	1069	87.68	0.92	2.0	77.9	162.54	0	0.07	163	0	1	1	0	1	0	0.000	0
1073	1070	87.76	0.81	1.9	81.56	155.32	0	0.08	155	1	1	1	0	1	0	0.000	0
1074	1071	87.84	0.86	1.9	84.22	156.86	0	0.08	169	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	1.07	2.0	84.21	186.03	0	0.02	207	0	1	1	0	1	0	0.000	0
1076	1073	88.01	1.17	2.0	87.08	192.68	0	0.01	236	0	1	1	0	1	0	0.000	0
1077	1074	88.09	1.15	2.0	87.74	199.82	0	0	234	0	1	1	0	1	0	0.000	0
1078	1075	88.17	1.23	2.0	83.04	199.29	0	0	237	0	1	1	0	1	0	0.000	0
1079	1076	88.25	1.38	2.1	75.01	186.78	0	0.02	242	0	1	1	0	1	0	0.000	0
1080	1077	88.34	1.49	2.2	68.24	183.39	0	0.03	239	0	1	1	0	1	0	0.000	0
1081	1078	88.42	1.37	2.1	66.53	176.22	0	0.04	207	0	1	1	0	1	0	0.000	0
1082	1079	88.5	1.18	2.1	66.64	170	0	0.05	173	0	1	1	0	1	0	0.000	0
1083	1080	88.58	1.01	2.0	68.36	160.13	0	0.07	152	0	1	1	0	1	0	0.000	0
1084	1081	88.66	0.95	2.0	68.93	161.68	0	0.07	145	0	1	1	0	1	0	0.000	0
1085	1082	88.75	0.9	2.0	69.04	155.52	0	0.08	138	1	1	1	0	1	0	0.000	0
1086	1083	88.83	0.86	2.0	67.45	150.83	0	0.09	129	1	1	1	0	1	0	0.000	0
1087	1084	88.91	0.78	2.0	65.09	144.56	0	0.11	114	1	1	1	0	1	0	0.000	0
1088	1085	88.99	0.76	2.0	60.48	138.88	0	0	102	1	1	1	0	1	0	0.000	0
1089	1086	89.07	0.92	2.1	52.95	139.75	0	0	101	1	1	1	0	1	0	0.000	0
1090	1087	89.16	1.21	2.2	45.5	138.17	0	0	109	1	1	1	0	1	0	0.000	0
1091	1088	89.24	1.58	2.4	39.65	135.21	0	0	127	1	1	1	0	1	0	0.000	0
1092	1089	89.32	1.87	2.4	35.81	131.43	0	0	142	1	1	1	0	1	0	0.000	0
1093	1090	89.4	2.22	2.5	32.82	129.64	0	0	170	1	1	1	0	1	0	0.000	0
1094	1091	89.48	2.57	2.6	31.22	126.32	0	0	214	1	1	1	0	1	0	0.000	0
1095	1092	89.57	2.89	2.6	30.8	128.9	0	0	277	1	0	1	0	1	0	0.000	0
1096	1093	89.65	3.04	2.6	32.23	132.8	0	0	341	1	0	0	0	1	0	0.000	0
1097	1094	89.73	2.98	2.6	35.24	139.18	0	0	37[illegible]	1	1	1	0	1	0	0.000	0
1098	1095	89.81	2.68	2.5	40.9	148.66	0	0	358	1	1	1	0	1	0	0.000	0
1099	1096	89.89	2.3	2.4	49.44	165.71	0	0	33	0	1	1	0	1	0	0.000	0
1100	1097	89.98	2.01	2.3	57.64	186.22	0	0	313	0	1	1	0	1	0	0.000	0
1101	1098	90.06	1.72	2.2	65.87	186.91	0	0	283	0	1	1	0	1	0	0.000	0
1102	1099	90.14	1.49	2.1	71.07	197.82	0	0	251	0	1	1	0	1	0	0.000	0
1103	1100	90.22	1.25	2.1	76.68	188.49	0	0	219	0	1	1	0	1	0	0.000	0
1104	1101	90.3	1.07	2.0	80.2	182.17	0	0	195	0	1	1	0	1	0	0.000	0
1105	1102	90.39	0.97	2.0	83.5	175.02	0	0	186	0	1	1	0	1	0	0.000	0
1106	1103	90.47	0.96	2.0	84.67	177.08	0	0.04	187	0	1	1	0	1	0	0.000	0
1107	1104	90.55	1	2.0	83.88	180.45	0	0.03	192	0	1	1	0	1	0	0.000	0
1108	1105	90.63	1.1	2.0	80.07	186.63	0	0.02	200	0	1	1	0	1	0	0.000	0
1109	1106	90.71	1.26	2.1	75.66	186.42	0	0.02	218	0	1	1	0	1	0	0.000	0
1110	1107	90.8	1.37	2.1	71.47	190.26	0	0.01	226	0	1	1	0	1	0	0.000	0
1111	1108	90.88	1.36	2.1	67.72	184.67	0	0.02	210	0	1	1	0	1	0	0.000	0
1112	1109	90.96	1.7	2.2	60.96	179.63	0	0.03	253	0	1	1	0	1	0	0.000	0
1113	1110	91.04	1.89	2.3	60.32	171.87	0	0.05	297	0	1	1	0	1	0	0.000	0
1114	1111	91.12	2.01	2.3	61.14	201.39	0	0	337	0	1	1	0	1	0	0.000	0
1115	1112	91.21	1.56	2.2	68.79	184.1	0	0.02	258	0	1	1	0	1	0	0.000	0
1116	1113	91.29	1.2	2.1	74.22	187.04	0	0.02	201	0	1	1	0	1	0	0.000	0
1117	1114	91.37	0.96	2.0	78.28	178.26	0	0.04	170	0	1	1	0	1	0	0.000	0
1118	1115	91.45	0.82	2.0	77.67	155.13	0	0.08	147	1	1	1	0	1	0	0.000	0
1119	1116	91.53	0.91	2.0	73.61	159.2	0	0.07	151	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1120	1117	91.62	1.04	2.0	71.23	171.8	0	0.05	164	0	1	1	0	1	0	0.000	0
1121	1118	91.7	1.2	2.1	69.86	178.67	0	0.04	187	0	1	1	0	1	0	0.000	0
1122	1119	91.78	1.24	2.1	67.46	181.11	0	0.03	186	0	1	1	0	1	0	0.000	0
1123	1120	91.86	1.19	2.1	63.94	170.75	0	0.05	166	0	1	1	0	1	0	0.000	0
1124	1121	91.94	1.17	2.1	58.25	160.53	0	0.07	145	0	1	1	0	1	0	0.000	0
1125	1122	92.03	1.12	2.2	54.88	147.77	0	0.1	128	1	1	1	0	1	0	0.000	0
1126	1123	92.11	1.08	2.2	52.99	151	0	0.09	118	1	1	1	0	1	0	0.000	0
1127	1124	92.19	1.08	2.2	53.37	148.09	0	0.1	119	1	1	1	0	1	0	0.000	0
1128	1125	92.27	1.19	2.2	52.85	153	0	0.08	130	1	1	1	0	1	0	0.000	0
1129	1126	92.35	1.38	2.2	53.32	158.16	0	0.07	158	1	1	1	0	1	0	0.000	0
1130	1127	92.44	1.43	2.2	54.58	164.55	0	0.06	171	0	1	1	0	1	0	0.000	0
1131	1128	92.52	1.47	2.2	55.56	167.15	0	0.06	181	0	1	1	0	1	0	0.000	0
1132	1129	92.6	1.49	2.2	55.91	167.27	0	0.06	186	0	1	1	0	1	0	0.000	0
1133	1130	92.68	1.53	2.2	56.41	168.45	0	0.06	195	0	1	1	0	1	0	0.000	0
1134	1131	92.76	1.43	2.2	58.07	170.69	0	0.05	185	1	1	1	0	1	0	0.000	0
1135	1132	92.85	1.29	2.2	60.47	169.22	0	0.05	170	0	1	1	0	1	0	0.000	0
1136	1133	92.93	1.01	2.1	63.55	161.8	0	0.07	139	0	1	1	0	1	0	0.000	0
1137	1134	93.01	0.78	2.0	65.96	147.51	0	0.1	116	1	1	1	0	1	0	0.000	0
1138	1135	93.09	0.55	1.9	67.86	119.34	0	0.19	96	1	1	1	0	1	0	0.000	0
1139	1136	93.17	0.47	1.9	68.36	104.52	0	0.28	90	1	1	1	0	1	0	0.000	0
1140	1137	93.26	0.57	1.9	65.92	124.04	0	0.17	95	1	1	1	0	1	0	0.000	0
1141	1138	93.34	0.73	2.0	63.23	139.53	0	0.12	105	1	1	1	0	1	0	0.000	0
1142	1139	93.42	0.87	2.1	60.15	148.96	0	0.09	11[illegible]	1	1	1	0	1	0	0.000	0
1143	1140	93.5	0.89	2.1	58.95	147.64	0	0.1	112	1	1	1	0	1	0	0.000	0
1144	1141	93.58	0.89	2.1	57.33	148.86	0	0.09	09	1	1	1	0	1	0	0.000	0
1145	1142	93.67	1	2.1	56.24	147.8	0	0.1	118	1	1	1	0	1	0	0.000	0
1146	1143	93.75	1.07	2.1	56.87	154.37	0	0.08	128	1	1	1	0	1	0	0.000	0
1147	1144	93.83	1.07	2.1	60.04	160.59	0	0.07	137	0	1	1	0	1	0	0.000	0
1148	1145	93.91	0.96	2.1	63.85	160.6	0	0.07	133	0	1	1	0	1	0	0.000	0
1149	1146	93.99	0.89	2.0	66.65	157.09	0	0.08	131	1	1	1	0	1	0	0.000	0
1150	1147	94.08	0.81	2.0	69.68	151.11	0	0.09	128	1	1	1	0	1	0	0.000	0
1151	1148	94.16	0.87	2.0	70.56	162.07	0	0.07	138	0	1	1	0	1	0	0.000	0
1152	1149	94.24	0.85	2.0	71.55	158.66	0	0.07	138	1	1	1	0	1	0	0.000	0
1153	1150	94.32	0.86	2.0	70.71	158.14	0	0.07	137	1	1	1	0	1	0	0.000	0
1154	1151	94.41	0.77	2.0	70.35	150.81	0	0.09	125	1	1	1	0	1	0	0.000	0
1155	1152	94.49	0.76	2.0	69.9	146	0	0.1	122	1	1	1	0	1	0	0.000	0
1156	1153	94.57	0.86	2.0	65.65	160.61	0	0.07	125	0	1	1	0	1	0	0.000	0
1157	1154	94.65	0.91	2.0	65.76	146.92	0	0.1	131	1	1	1	0	1	0	0.000	0
1158	1155	94.73	1	2.1	65.81	169.29	0	0.05	144	0	1	1	0	1	0	0.000	0
1159	1156	94.82	0.97	2.0	69.33	168.67	0	0.06	149	0	1	1	0	1	0	0.000	0
1160	1157	94.9	1.02	2.0	68.83	169.93	0	0.05	155	0	1	1	0	1	0	0.000	0
1161	1158	94.98	1.04	2.1	68.37	168.94	0	0.06	156	0	1	1	0	1	0	0.000	0
1162	1159	95.06	0.99	2.0	69.08	168.55	0	0.06	151	0	1	1	0	1	0	0.000	0
1163	1160	95.14	0.91	2.0	69.09	165.73	0	0.06	140	0	1	1	0	1	0	0.000	0
1164	1161	95.23	0.82	2.0	68.31	152.15	0	0.09	126	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1165	1162	95.31	0.76	2.0	66.91	146.43	0	0.1	116	1	1	1	0	1	0	0.000	0
1166	1163	95.39	0.7	2.0	66.65	141.62	0	0.11	109	1	1	1	0	1	0	0.000	0
1167	1164	95.47	0.69	2.0	65.77	139.72	0	0.12	106	1	1	1	0	1	0	0.000	0
1168	1165	95.55	0.73	2.0	63.91	141.85	0	0.11	107	1	1	1	0	1	0	0.000	0
1169	1166	95.64	0.74	2.0	61.89	143.13	0	0.11	103	1	1	1	0	1	0	0.000	0
1170	1167	95.72	0.62	2.0	63.02	127	0	0.16	94	1	1	1	0	1	0	0.000	0
1171	1168	95.8	0.47	1.9	65.57	109.23	0	0.25	85	1	1	1	0	1	0	0.000	0
1172	1169	95.88	0.38	1.8	67.67	95.01	0	0.34	81	1	1	1	0	1	0	0.000	0
1173	1170	95.96	0.36	1.8	67.43	89.71	0	0.39	79	1	1	1	1	1	0	0.000	0
1174	1171	96.05	0.44	1.9	66.13	102.3	0	0.29	84	1	1	1	0	1	0	0.000	0
1175	1172	96.13	0.52	1.9	66.57	117.19	0	0.2	91	1	1	1	0	1	0	0.000	0
1176	1173	96.21	0.67	2.0	65.91	138.64	0	0.12	104	1	1	1	0	1	0	0.000	0
1177	1174	96.29	0.77	2.0	64.77	147.02	0	0.1	113	1	1	1	0	1	0	0.000	0
1178	1175	96.37	0.92	2.0	64.2	155.56	0	0.08	129	1	1	1	0	1	0	0.000	0
1179	1176	96.46	1.07	2.1	65.54	170.78	0	0.05	153	1	1	1	0	1	0	0.000	0
1180	1177	96.54	1.29	2.1	67.82	186.55	0	0.02	196	0	1	1	0	1	0	0.000	0
1181	1178	96.62	1.57	2.2	68.67	201.92	0	0	260	0	1	1	0	1	0	0.000	0
1182	1179	96.7	1.61	2.2	70.64	203.94	0	0	279	0	1	1	0	1	0	0.000	0
1183	1180	96.78	1.34	2.1	74.03	201.05	0	0	229	0	1	1	0	1	0	0.000	0
1184	1181	96.87	0.99	2.0	78.03	182.09	0	0.03	175	0	1	1	0	1	0	0.000	0
1185	1182	96.95	0.83	1.9	78.84	164.79	0	0	152	0	1	1	0	1	0	0.000	0
1186	1183	97.03	0.91	2.0	77.32	168.06	0	0	160	0	1	1	0	1	0	0.000	0
1187	1184	97.11	0.99	2.0	71.93	185.06	0	0	153	0	1	1	0	1	0	0.000	0
1188	1185	97.19	1.04	2.1	66.76	164.21	0	0	152	0	1	1	0	1	0	0.000	0
1189	1186	97.28	1.34	2.2	56.54	172.9	0	0	64	0	1	1	0	1	0	0.000	0
1190	1187	97.36	1.74	2.3	45.86	163.71	0	0	180	0	1	1	0	1	0	0.000	0
1191	1188	97.44	2.51	2.5	32.69	135.09	0	0	219	1	1	1	0	1	0	0.000	0
1192	1189	97.52	3.45	2.7	23.23	45.25	0	0	263	1	0	0	0	1	0	0.000	0
1193	1190	97.6	4.84	3.0	16.56	31.95	0	0	310	1	0	0	0	1	0	0.000	0
1194	1191	97.69	5.81	3.1	13.07	23.01	0	0	92	1	0	0	0	1	0	0.000	0
1195	1192	97.77	5.99	3.1	11	23.63	0	0	-277	1	0	0	1	1	0	0.000	0
1196	1193	97.85	5.16	3.1	10.51	19.64	0	0	-195	1	0	0	1	1	0	0.000	0
1197	1194	97.93	5.24	3.2	8.16	20.14	0	0	-453	1	0	0	1	1	0	0.000	0
1198	1195	98.01	5.93	3.3	6.13	10.27	0	0	-1126	1	0	0	1	1	0	0.000	0
1199	1196	98.1	7.87	3.6	3.88	8.19	0	0	-6179	1	0	0	1	1	0	0.000	0
1200	1197	98.18	7.03	3.6	3.41	7.36	0	0	-3604	1	0	0	1	1	0	0.000	0
1201	1198	98.26	5.17	3.5	3.32	7.28	0	0	-907	1	0	0	1	1	0	0.000	0
1202	1199	98.34	3.68	3.4	3.36	7.31	0	0	-272	1	0	0	1	1	0	0.000	0
1203	1200	98.42	3.05	3.4	3.39	7.34	0	0	-159	1	0	0	1	1	0	0.000	0
1204	1201	98.51	2.75	3.4	3.4	7.29	0	0	-122	1	0	1	1	1	0	0.000	0
1205	1202	98.59	2.73	3.4	3.39	7.33	0	0	-120	1	0	1	1	1	0	0.000	0
1206	1203	98.67	2.89	3.4	3.32	7.23	0	0	-139	1	0	1	1	1	0	0.000	0
1207	1204	98.75	3.22	3.4	3.2	7	0	0	-187	1	0	0	1	1	0	0.000	0
1208	1205	98.83	3.4	3.5	3.07	6.8	0	0	-221	1	0	0	1	1	0	0.000	0
1209	1206	98.92	3.4	3.5	2.98	6.71	0	0	-224	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	3.28	3.5	2.94	6.64	0	0	-203	1	0	0	1	1	0	0.000	0
1211	1208	99.08	3.22	3.5	2.94	6.59	0	0	-193	1	0	0	1	1	0	0.000	0
1212	1209	99.16	3.19	3.5	2.98	6.59	0	0	-187	1	0	0	1	1	0	0.000	0
1213	1210	99.24	3.04	3.4	3.04	6.74	0	0	-163	1	0	0	1	1	0	0.000	0
1214	1211	99.33	2.92	3.4	3.08	6.83	0	0	-147	1	0	1	1	1	0	0.000	0
1215	1212	99.41	2.82	3.4	3.11	6.81	0	0	-134	1	0	1	1	1	0	0.000	0
1216	1213	99.49	2.8	3.4	3.13	6.87	0	0	-131	1	0	1	1	1	0	0.000	0
1217	1214	99.57	2.84	3.4	3.15	6.9	0	0	-136	1	0	1	1	1	0	0.000	0
1218	1215	99.65	2.89	3.4	3.17	6.92	0	0	-141	1	0	1	1	1	0	0.000	0
1219	1216	99.74	2.89	3.4	3.19	6.96	0	0	-141	1	0	1	1	1	0	0.000	0
1220	1217	99.82	2.96	3.4	3.2	6.97	0	0	-150	1	0	1	1	1	0	0.000	0
1221	1218	99.9	3.09	3.4	3.18	6.94	0	0	-168	1	0	0	1	1	0	0.000	0
1222	1219	99.98	3.25	3.4	3.13	6.83	0	0	-194	1	0	0	1	1	0	0.000	0
1223	1220	100.06	3.27	3.5	3.1	6.72	0	0	-198	1	0	0	1	1	0	0.000	0
1224	1221	100.15	3.44	3.5	2.97	6.75	0	0	-231	1	0	0	1	1	0	0.000	0
1225	1222	100.23	3.98	3.5	2.78	6.54	0	0	-370	1	0	0	1	1	0	0.000	0
1226	1223	100.31	5.06	3.6	2.62	5.93	0	0	-896	1	0	0	1	1	0	0.000	0
1227	1224	100.39	5.94	3.6	2.7	6.06	0	0	-1745	1	0	0	1	1	0	0.000	0
1228	1225	100.47	6.31	3.6	3.11	6.62	0	0	-2204	1	0	0	1	1	0	0.000	0
1229	1226	100.56	4.61	3.4	4.59	7.93	0	0	-502	1	0	0	1	1	0	0.000	0
1230	1227	100.64	3.76	3.2	5.88	14.53	0	0	-210	1	0	0	1	1	0	0.000	0
1231	1228	100.72	3.49	3.2	6.25	14.35	0	0	-158	1	0	0	1	1	0	0.000	0
1232	1229	100.8	3.86	3.3	5.4	10.82	0	0	-245	1	0	0	1	1	0	0.000	0
1233	1230	100.88	4.13	3.4	4.53	10.18	0	0	-343	1	0	0	1	1	0	0.000	0
1234	1231	100.97	3.68	3.4	4.2	9.56	0	0	-247	1	0	0	1	1	0	0.000	0
1235	1232	101.05	3.25	3.4	3.94	9.14	0	0	-177	1	0	0	1	1	0	0.000	0
1236	1233	101.13	3.11	3.4	3.64	8.55	0	0	-162	1	0	0	1	1	0	0.000	0
1237	1234	101.21	3.15	3.4	3.48	7.9	0	0	-171	1	0	0	1	1	0	0.000	0
1238	1235	101.29	3.46	3.4	3.37	7.45	0	0	-226	1	0	0	1	1	0	0.000	0
1239	1236	101.38	3.73	3.5	3.35	7.27	0	0	-283	1	0	0	1	1	0	0.000	0
1240	1237	101.46	3.95	3.5	3.29	7.11	0	0	-342	1	0	0	1	1	0	0.000	0
1241	1238	101.54	4.05	3.5	3.24	7.04	0	0	-374	1	0	0	1	1	0	0.000	0
1242	1239	101.62	3.97	3.5	3.18	6.95	0	0	-352	1	0	0	1	1	0	0.000	0
1243	1240	101.7	3.86	3.5	3.09	6.79	0	0	-325	1	0	0	1	1	0	0.000	0
1244	1241	101.79	3.72	3.5	3.02	6.58	0	0	-291	1	0	0	1	1	0	0.000	0
1245	1242	101.87	3.66	3.5	3.03	6.54	0	0	-277	1	0	0	1	1	0	0.000	0
1246	1243	101.95	3.83	3.5	3.17	6.74	0	0	-314	1	0	0	1	1	0	0.000	0
1247	1244	102.03	4.08	3.4	3.6	7.1	0	0	-368	1	0	0	1	1	0	0.000	0
1248	1245	102.11	4.43	3.4	4.51	8.63	0	0	-439	1	0	0	1	1	0	0.000	0
1249	1246	102.2	4.89	3.3	5.51	11.29	0	0	-555	1	0	0	1	1	0	0.000	0
1250	1247	102.28	5.84	3.4	5.82	12.57	0	0	-1103	1	0	0	1	1	0	0.000	0
1251	1248	102.36	7.15	3.4	5.33	11.23	0	0	-3098	1	0	0	1	1	0	0.000	0
1252	1249	102.44	8.58	3.5	4.54	10	0	0	-9267	1	0	0	1	1	0	0.000	0
1253	1250	102.53	9.01	3.6	4.1	9.2	0	0	-13032	1	0	0	1	1	0	0.000	0
1254	1251	102.61	8.51	3.6	3.98	8.87	0	0	-9462	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1255	1252	102.69	7.59	3.6	3.92	8.9	0	0	-5060	1	0	0	1	1	0	0.000	0
1256	1253	102.77	6.77	3.5	3.86	8.58	0	0	-2840	1	0	0	1	1	0	0.000	0
1257	1254	102.85	6.09	3.5	3.71	8.28	0	0	-1751	1	0	0	1	1	0	0.000	0
1258	1255	102.94	5.69	3.5	3.56	7.93	0	0	-1318	1	0	0	1	1	0	0.000	0
1259	1256	103.02	5.4	3.5	3.42	7.65	0	0	-1072	1	0	0	1	1	0	0.000	0
1260	1257	103.1	5.31	3.5	3.3	7.43	0	0	-1013	1	0	0	1	1	0	0.000	0
1261	1258	103.18	5.23	3.5	3.19	7.18	0	0	-964	1	0	0	1	1	0	0.000	0
1262	1259	103.26	5.16	3.6	3.13	6.99	0	0	-919	1	0	0	1	1	0	0.000	0
1263	1260	103.35	5.04	3.5	3.13	6.98	0	0	-836	1	0	0	1	1	0	0.000	0
1264	1261	103.43	4.76	3.5	3.24	7.11	0	0	-663	1	0	0	1	1	0	0.000	0
1265	1262	103.51	4.53	3.5	3.41	7.43	0	0	-542	1	0	0	1	1	0	0.000	0
1266	1263	103.59	4.41	3.5	3.57	7.75	0	0	-483	1	0	0	1	1	0	0.000	0
1267	1264	103.67	4.67	3.5	3.6	7.92	0	0	-593	1	0	0	1	1	0	0.000	0
1268	1265	103.76	5.08	3.5	3.54	7.74	0	0	-825	1	0	0	1	1	0	0.000	0
1269	1266	103.84	5.6	3.5	3.41	7.59	0	0	-1251	1	0	0	1	1	0	0.000	0
1270	1267	103.92	5.95	3.6	3.34	7.47	0	0	-1643	1	0	0	1	1	0	0.000	0
1271	1268	104	6.05	3.6	3.3	7.53	0	0	-1779	1	0	0	1	1	0	0.000	0
1272	1269	104.08	5.95	3.6	3.36	7.53	0	0	-1640	1	0	0	1	1	0	0.000	0
1273	1270	104.17	5.46	3.5	3.42	7.77	0	0	-1123	1	0	0	1	1	0	0.000	0
1274	1271	104.25	5	3.5	3.5	7.81	0	0	-779	1	0	0	1	1	0	0.000	0
1275	1272	104.33	4.72	3.5	3.57	7.87	0	0	-619	1	0	0	1	1	0	0.000	0
1276	1273	104.41	4.94	3.5	3.58	8.07	0	0	-736	1	0	0	1	1	0	0.000	0
1277	1274	104.49	5.09	3.5	3.72	8	0	0	-815	1	0	0	1	1	0	0.000	0
1278	1275	104.58	5.26	3.5	3.81	8.49	0	0	-921	1	0	0	1	1	0	0.000	0
1279	1276	104.66	5.21	3.5	3.98	8.51	0	0	-968	1	0	0	1	1	0	0.000	0
1280	1277	104.74	5.28	3.5	4.05	8.7	0	0	-909	1	0	0	1	1	0	0.000	0
1281	1278	104.82	5.29	3.5	4.12	8.99	0	0	-909	1	0	0	1	1	0	0.000	0
1282	1279	104.9	5.28	3.4	4.27	9.2	0	0	-886	1	0	0	1	1	0	0.000	0
1283	1280	104.99	5.3	3.4	4.45	9.56	0	0	-880	1	0	0	1	1	0	0.000	0
1284	1281	105.07	5.24	3.4	4.77	10.01	0	0	-806	1	0	0	1	1	0	0.000	0
1285	1282	105.15	5.29	3.4	5.17	10.69	0	0	-795	1	0	0	1	1	0	0.000	0
1286	1283	105.23	5.53	3.4	5.66	11.62	0	0	-892	1	0	0	1	1	0	0.000	0
1287	1284	105.31	5.94	3.4	5.97	12.49	0	0	-1163	1	0	0	1	1	0	0.000	0
1288	1285	105.4	6.44	3.4	6.01	12.51	0	0	-1676	1	0	0	1	1	0	0.000	0
1289	1286	105.48	6.93	3.4	5.74	12.03	0	0	-2494	1	0	0	1	1	0	0.000	0
1290	1287	105.56	7.48	3.5	5.3	11.48	0	0	-3931	1	0	0	1	1	0	0.000	0
1291	1288	105.64	7.94	3.5	4.81	10.49	0	0	-5786	1	0	0	1	1	0	0.000	0
1292	1289	105.72	8.14	3.5	4.4	9.7	0	0	-6994	1	0	0	1	1	0	0.000	0
1293	1290	105.81	7.89	3.6	4.12	9.28	0	0	-6091	1	0	0	1	1	0	0.000	0
1294	1291	105.89	7.49	3.6	3.9	8.86	0	0	-4728	1	0	0	1	1	0	0.000	0
1295	1292	105.97	7.17	3.6	3.73	8.32	0	0	-3844	1	0	0	1	1	0	0.000	0
1296	1293	106.05	7.02	3.6	3.75	8.12	0	0	-3445	1	0	0	1	1	0	0.000	0
1297	1294	106.13	6.55	3.5	4.02	8.68	0	0	-2374	1	0	0	1	1	0	0.000	0
1298	1295	106.22	5.87	3.5	4.43	9.53	0	0	-1363	1	0	0	1	1	0	0.000	0
1299	1296	106.3	5.4	3.4	4.67	10.11	0	0	-924	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1300	1297	106.38	5.37	3.4	4.69	10.06	0	0	-901	1	0	0	1	1	0	0.000	0
1301	1298	106.46	5.89	3.4	4.78	9.8	0	0	-1324	1	0	0	1	1	0	0.000	0
1302	1299	106.54	6.56	3.4	5.45	10.58	0	0	-1989	1	0	0	1	1	0	0.000	0
1303	1300	106.63	6.91	3.4	6.54	13.33	0	0	-2168	1	0	0	1	1	0	0.000	0
1304	1301	106.71	7.38	3.3	7.45	15.9	0	0	-2569	1	0	0	1	1	0	0.000	0
1305	1302	106.79	8.17	3.4	7.7	16.38	0	0	-4231	1	0	0	1	1	0	0.000	0
1306	1303	106.87	9.29	3.4	7.62	15.94	0	0	-9104	1	0	0	1	1	0	0.000	0
1307	1304	106.95	9.74	3.4	7.96	16.23	0	0	-11344	1	0	0	1	1	0	0.000	0
1308	1305	107.04	8.92	3.3	9.22	18.2	0	0	-4794	1	0	0	1	1	0	0.000	0
1309	1306	107.12	7.81	3.2	11.33	22.79	0	0	-805	1	0	0	1	1	0	0.000	0
1310	1307	107.2	6.62	3.1	14.15	29.09	0	0	486	1	0	0	0	1	0	0.000	0
1311	1308	107.28	5.71	3.0	16.88	36.21	0	0	655	1	0	0	0	1	0	0.000	0
1312	1309	107.36	4.71	2.9	19.16	40.94	0	0	458	1	0	0	0	1	0	0.000	0
1313	1310	107.45	3.73	2.8	21.04	44.03	0	0	265	1	0	0	0	1	0	0.000	0
1314	1311	107.53	2.81	2.7	22.67	48.8	0	0	144	0	0	1	0	1	0	0.000	0
1315	1312	107.61	2.32	2.6	24.16	51.92	0	0	107	1	0	1	0	1	0	0.000	0
1316	1313	107.69	2.27	2.6	24.96	54.29	0	0	109	1	0	1	0	1	0	0.000	0
1317	1314	107.77	2.58	2.6	25.31	54.41	0	0	148	1	0	1	0	1	0	0.000	0
1318	1315	107.86	2.94	2.7	25.36	54.66	0	0	204	1	0	1	0	1	0	0.000	0
1319	1316	107.94	3.08	2.7	25.23	54.91	0	0	227	1	0	0	0	1	0	0.000	0
1320	1317	108.02	2.92	2.7	25.1	53.65	0	0	196	1	0	1	0	1	0	0.000	0
1321	1318	108.1	2.58	2.6	24.68	53.71	0	0	141	1	0	1	0	1	0	0.000	0
1322	1319	108.18	2.47	2.6	24.22	51.84	0	0	123	1	0	1	0	1	0	0.000	0
1323	1320	108.27	2.64	2.7	23.44	50.44	0	0	133	1	0	1	0	1	0	0.000	0
1324	1321	108.35	3	2.7	22.59	48.27	0	0	168	1	0	0	0	1	0	0.000	0
1325	1322	108.43	3.33	2.8	21.92	46.09	0	0	208	1	0	0	0	1	0	0.000	0
1326	1323	108.51	3.64	2.8	21.57	45.96	0	0	261	1	0	0	0	1	0	0.000	0
1327	1324	108.59	3.91	2.8	21.45	46.06	0	0	322	1	0	0	0	1	0	0.000	0
1328	1325	108.68	4.17	2.8	21.29	45.4	0	0	391	1	0	0	0	1	0	0.000	0
1329	1326	108.76	4.32	2.8	21.2	45.01	0	0	438	1	0	0	0	1	0	0.000	0
1330	1327	108.84	4.39	2.8	21.36	45.48	0	0	472	1	0	0	0	1	0	0.000	0
1331	1328	108.92	4.32	2.8	21.74	46.65	0	0	465	1	0	0	0	1	0	0.000	0
1332	1329	109	4.33	2.8	22.13	47.69	0	0	488	1	0	0	0	1	0	0.000	0
1333	1330	109.09	4.63	2.8	22.44	48.32	0	0	642	1	0	0	0	1	0	0.000	0
1334	1331	109.17	5.35	2.9	22.42	49	0	0	1127	1	0	0	0	1	0	0.000	0
1335	1332	109.25	6.47	2.9	21.76	47.8	0	0	2445	1	0	0	0	1	0	0.000	0
1336	1333	109.33	7.73	3.0	20.55	43.87	0	0	5236	1	0	0	0	1	0	0.000	0
1337	1334	109.41	9.06	3.1	19.1	40.63	0	0	10584	1	0	0	0	1	0	0.000	0
1338	1335	109.5	10.1	3.1	18.06	37.79	0	0	17488	1	0	0	0	1	0	0.000	0
1339	1336	109.58	10.67	3.2	17.34	36.73	0	0	21782	1	0	0	0	1	0	0.000	0
1340	1337	109.66	10.89	3.2	16.48	35.8	0	0	20526	1	0	0	0	1	0	0.000	0
1341	1338	109.74	11.02	3.2	14.72	32.25	0	0	12403	1	0	0	0	1	0	0.000	0
1342	1339	109.82	11.43	3.3	12.08	25.4	0	0	-3013	1	0	0	1	1	0	0.000	0
1343	1340	109.91	10.99	3.4	9.55	19.27	0	0	-16180	1	0	0	1	1	0	0.000	0
1344	1341	109.99	9.83	3.4	7.54	16.63	0	0	-13131	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1345	1342	110.07	8.13	3.4	6.06	13.49	0	0	-5523	1	0	0	1	1	0	0.000	0
1346	1343	110.15	7.91	3.5	4.76	10.79	0	0	-5704	1	0	0	1	1	0	0.000	0
1347	1344	110.23	8.41	3.6	3.77	9.33	0	0	-9061	1	0	0	1	1	0	0.000	0
1348	1345	110.32	8.94	3.7	3.12	8.05	0	0	-13892	1	0	0	1	1	0	0.000	0
1349	1346	110.4	8.79	3.7	2.68	7.28	0	0	-13162	1	0	0	1	1	0	0.000	0
1350	1347	110.48	8.39	3.8	2.41	6.92	0	0	-10331	1	0	0	1	1	0	0.000	0
1351	1348	110.56	7.8	3.8	2.29	6.59	0	0	-6972	1	0	0	1	1	0	0.000	0
1352	1349	110.64	7.25	3.8	2.27	6.58	0	0	-4746	1	0	0	1	1	0	0.000	0
1353	1350	110.73	6.64	3.7	2.36	6.69	0	0	-3032	1	0	0	1	1	0	0.000	0
1354	1351	110.81	6.2	3.7	2.48	6.92	0	0	-2167	1	0	0	1	1	0	0.000	0
1355	1352	110.89	5.82	3.6	2.61	7.11	0	0	-1609	1	0	0	1	1	0	0.000	0
1356	1353	110.97	5.54	3.6	2.7	7.26	0	0	-1288	1	0	0	1	1	0	0.000	0
1357	1354	111.06	5.15	3.6	2.89	7.33	0	0	-935	1	0	0	1	1	0	0.000	0
1358	1355	111.14	4.9	3.5	3.07	7.76	0	0	-754	1	0	0	1	1	0	0.000	0
1359	1356	111.22	4.75	3.5	3.24	7.8	0	0	-658	1	0	0	1	1	0	0.000	0
1360	1357	111.3	4.73	3.5	3.31	7.88	0	0	-642	1	0	0	1	1	0	0.000	0
1361	1358	111.38	5.12	3.5	3.36	7.98	0	0	-868	1	0	0	1	1	0	0.000	0
1362	1359	111.47	5.81	3.6	3.39	8	0	0	-1471	1	0	0	1	1	0	0.000	0
1363	1360	111.55	6.66	3.6	3.54	7.96	0	0	-2719	1	0	0	1	1	0	0.000	0
1364	1361	111.63	8.03	3.6	3.93	8.73	0	0	-6861	1	0	0	1	1	0	0.000	0
1365	1362	111.71	8	3.5	4.51	10.23	0	0	-[illegible]266	1	0	0	1	1	0	0.000	0
1366	1363	111.79	8.83	3.5	4.7	11.8	0	0	-10[illegible]37	1	0	0	1	1	0	0.000	0
1367	1364	111.88	10.04	3.6	4.29	10.49	0	0	-2485[illegible]	1	0	0	1	1	0	0.000	0
1368	1365	111.96	9.72	3.6	4.85	8.63	0	0	-18870	1	0	0	1	1	0	0.000	0
1369	1366	112.04	8.39	3.5	5.89	15.15	0	0	-[illegible]68	1	0	0	1	1	0	0.000	0
1370	1367	112.12	7.31	3.4	6.72	16.49	0	0	-2798	1	0	0	1	1	0	0.000	0
1371	1368	112.2	8.02	3.4	5.9	13.26	0	0	-5248	1	0	0	1	1	0	0.000	0
1372	1369	112.29	9.5	3.6	4.54	10.49	0	0	-17030	1	0	0	1	1	0	0.000	0
1373	1370	112.37	10.71	3.7	3.5	8.89	0	0	-41522	1	0	0	1	1	0	0.000	0
1374	1371	112.45	10.58	3.8	2.88	7.47	0	0	-40933	1	0	0	1	1	0	0.000	0
1375	1372	112.53	9.11	3.8	2.59	7.1	0	0	-16425	1	0	0	1	1	0	0.000	0
1376	1373	112.61	7.12	3.7	2.65	7.13	0	0	-4166	1	0	0	1	1	0	0.000	0
1377	1374	112.7	5.75	3.6	2.88	7.51	0	0	-1484	1	0	0	1	1	0	0.000	0
1378	1375	112.78	5.15	3.5	3.24	8.02	0	0	-901	1	0	0	1	1	0	0.000	0
1379	1376	112.86	4.94	3.5	3.62	8.74	0	0	-733	1	0	0	1	1	0	0.000	0
1380	1377	112.94	4.96	3.5	3.95	9.39	0	0	-717	1	0	0	1	1	0	0.000	0
1381	1378	113.02	5.22	3.4	4.19	9.74	0	0	-854	1	0	0	1	1	0	0.000	0
1382	1379	113.11	5.59	3.5	4.35	10.04	0	0	-1113	1	0	0	1	1	0	0.000	0
1383	1380	113.19	6.08	3.5	4.48	10.22	0	0	-1586	1	0	0	1	1	0	0.000	0
1384	1381	113.27	6.55	3.5	4.57	10.43	0	0	-2220	1	0	0	1	1	0	0.000	0
1385	1382	113.35	6.93	3.5	4.66	10.49	0	0	-2893	1	0	0	1	1	0	0.000	0
1386	1383	113.43	7.27	3.5	4.79	10.61	0	0	-3628	1	0	0	1	1	0	0.000	0
1387	1384	113.52	7.68	3.5	4.88	11.01	0	0	-4786	1	0	0	1	1	0	0.000	0
1388	1385	113.6	8.25	3.5	5	10.99	0	0	-6982	1	0	0	1	1	0	0.000	0
1389	1386	113.68	8.86	3.5	5.19	11.23	0	0	-10266	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1390	1387	113.76	9.56	3.5	5.67	12.04	0	0	-15192	1	0	0	1	1	0	0.000	0
1391	1388	113.84	10.41	3.5	6.18	13.55	0	0	-24177	1	0	0	1	1	0	0.000	0
1392	1389	113.93	11.19	3.5	6.39	14.09	0	0	-37880	1	0	0	1	1	0	0.000	0
1393	1390	114.01	10.99	3.5	6.67	14.07	0	0	-31977	1	0	0	1	1	0	0.000	0
1394	1391	114.09	9.15	3.4	7.72	15.96	0	0	-8134	1	0	0	1	1	0	0.000	0
1395	1392	114.17	7.21	3.2	9.98	21.03	0	0	-1136	1	0	0	1	1	0	0.000	0
1396	1393	114.25	6.23	3.1	12.01	27.84	0	0	-108	1	0	0	1	1	0	0.000	0
1397	1394	114.34	6.18	3.1	13.32	28.54	0	0	175	1	0	0	0	1	0	0.000	0
1398	1395	114.42	6.25	3.1	14.47	29.27	0	0	442	1	0	0	0	1	0	0.000	0
1399	1396	114.5	5.47	3.0	18.38	35.29	0	0	733	1	0	0	0	1	0	0.000	0
1400	1397	114.58	4.24	2.8	26.41	55.78	0	0	656	1	0	0	0	1	0	0.000	0
1401	1398	114.66	3.44	2.6	37.18	168.4	0	0	599	0	1	0	0	1	0	0.000	0
1402	1399	114.75	2.96	2.5	49.7	208.89	0	0	599	0	1	1	0	1	0	0.000	0
1403	1400	114.83	2.64	2.4	60.62	245.86	0	0	586	0	1	1	0	1	0	0.000	0
1404	1401	114.91	2.36	2.3	67.02	254	0	0	518	0	1	1	0	1	0	0.000	0
1405	1402	114.99	2.13	2.2	69.95	248.94	0	0	444	0	1	1	0	1	0	0.000	0
1406	1403	115.07	1.83	2.2	72.27	248.11	0	0	351	0	1	1	0	1	0	0.000	0
1407	1404	115.16	1.59	2.1	74.56	244.43	0	0	292	0	1	1	0	1	0	0.000	0
1408	1405	115.24	1.49	2.1	74.08	237.92	0	0	264	0	1	1	0	1	0	0.000	0
1409	1406	115.32	1.56	2.2	71.55	229.76	0	0	270	0	1	1	0	1	0	0.000	0
1410	1407	115.4	1.59	2.2	70.09	229.86	0	0	271	0	1	1	0	1	0	0.000	0
1411	1408	115.48	1.57	2.2	68.84	232.73	0	0	260	0	1	1	0	1	0	0.000	0
1412	1409	115.57	1.56	2.2	66.38	219.67	0	0	247	0	1	1	0	1	0	0.000	0
1413	1410	115.65	1.5	2.2	63.44	208.9	0	0	220	0	1	1	0	1	0	0.000	0
1414	1411	115.73	1.34	2.2	62.36	199.58	0	0	186	0	1	1	0	1	0	0.000	0
1415	1412	115.81	1.12	2.1	62.08	189.79	0	0.01	150	0	1	1	0	1	0	0.000	0
1416	1413	115.89	1.09	2.1	60.04	182.37	0	0.03	140	0	1	1	0	1	0	0.000	0
1417	1414	115.98	1.07	2.1	57.98	176.19	0	0.04	131	0	1	1	0	1	0	0.000	0
1418	1415	116.06	1.05	2.1	57.13	173.67	0	0.05	126	0	1	1	0	1	0	0.000	0
1419	1416	116.14	0.93	2.1	58.93	169.76	0	0.05	117	0	1	1	0	1	0	0.000	0
1420	1417	116.22	0.96	2.1	58.9	177.28	0	0	120	0	1	1	0	1	0	0.000	0
1421	1418	116.3	1.06	2.1	56.55	176.82	0	0	126	0	1	1	0	1	0	0.000	0
1422	1419	116.39	1.29	2.2	50.21	176.18	0	0	134	0	1	1	0	1	0	0.000	0
1423	1420	116.47	1.51	2.3	43.92	162.22	0	0	137	0	1	1	0	1	0	0.000	0
1424	1421	116.55	1.75	2.4	38.6	154.97	0	0	142	1	1	1	0	1	0	0.000	0
1425	1422	116.63	1.94	2.5	34.67	152.26	0	0	144	1	1	1	0	1	0	0.000	0
1426	1423	116.71	2.25	2.5	31.47	142.33	0	0	163	1	1	1	0	1	0	0.000	0
1427	1424	116.8	2.6	2.6	29.66	137.46	0	0	202	1	1	1	0	1	0	0.000	0
1428	1425	116.88	2.85	2.6	28.87	66.79	0	0	240	1	0	1	0	1	0	0.000	0
1429	1426	116.96	2.97	2.6	28.62	65.95	0	0	262	1	0	1	0	1	0	0.000	0
1430	1427	117.04	3.04	2.6	28.44	65.53	0	0	275	1	0	0	0	1	0	0.000	0
1431	1428	117.12	3.06	2.6	28.5	65.48	0	0	281	1	0	0	0	1	0	0.000	0
1432	1429	117.21	3.08	2.6	28.87	66.58	0	0	292	1	0	0	0	1	0	0.000	0
1433	1430	117.29	2.9	2.6	29.09	68.65	0	0	254	1	0	1	0	1	0	0.000	0
1434	1431	117.37	2.6	2.6	29.11	137.41	0	0.13	195	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1435	1432	117.45	2.13	2.5	28.9	135.49	0	0.13	127	1	1	1	0	1	0	0.000	0
1436	1433	117.53	1.94	2.5	27.92	135.51	0	0.13	100	1	1	1	0	1	0	0.000	0
1437	1434	117.62	1.98	2.5	26.9	126.09	0	0.17	97	1	1	1	0	1	0	0.000	0
1438	1435	117.7	2.25	2.6	25.8	126.09	0	0.17	114	1	1	1	0	1	0	0.000	0
1439	1436	117.78	2.44	2.6	25.6	58.15	0	0	134	1	0	1	0	1	0	0.000	0
1440	1437	117.86	2.61	2.6	25.54	57.85	0	0	155	1	0	1	0	1	0	0.000	0
1441	1438	117.94	2.79	2.7	25.89	58.25	0	0	186	1	0	1	0	1	0	0.000	0
1442	1439	118.03	2.89	2.7	26.46	61.04	0	0	212	1	0	1	0	1	0	0.000	0
1443	1440	118.11	2.99	2.7	26.92	62.72	0	0	238	1	0	1	0	1	0	0.000	0
1444	1441	118.19	3.06	2.7	27	62.19	0	0	255	1	0	0	0	1	0	0.000	0
1445	1442	118.27	3.12	2.7	26.88	61.98	0	0	266	1	0	0	0	1	0	0.000	0
1446	1443	118.35	3.1	2.7	26.63	61.91	0	0	257	1	0	0	0	1	0	0.000	0
1447	1444	118.44	3.06	2.7	26.2	60.14	0	0	241	1	0	0	0	1	0	0.000	0
1448	1445	118.52	3.04	2.7	25.8	58.51	0	0	230	1	0	0	0	1	0	0.000	0
1449	1446	118.6	3.01	2.7	25.79	58.59	0	0	223	1	0	0	0	1	0	0.000	0
1450	1447	118.68	2.98	2.7	26.39	60.15	0	0	228	1	0	1	0	1	0	0.000	0
1451	1448	118.77	2.98	2.7	27.25	63.53	0	0	242	1	0	1	0	1	0	0.000	0
1452	1449	118.85	3.03	2.6	28.39	65.68	0	0	272	1	0	0	0	1	0	0.000	0
1453	1450	118.93	3.11	2.6	30.16	69.72	0	0	324	1	0	0	0	1	0	0.000	0
1454	1451	119.01	2.96	2.6	33.49	151.76	0	0	338	1	1	1	0	1	0	0.000	0
1455	1452	119.09	2.67	2.5	39.54	170.65	0	0	338	0	1	1	0	1	0	0.000	0
1456	1453	119.18	2.3	2.4	49.38	205.62	0	0	332	0	1	1	0	1	0	0.000	0
1457	1454	119.26	2.03	2.3	60.9	227.96	0	0	34	0	1	1	0	1	0	0.000	0
1458	1455	119.34	1.79	2.2	71.54	254	0	0	334	0	1	1	0	1	0	0.000	0
1459	1456	119.42	1.62	2.1	82.33	254	0	0	38	0	1	1	0	1	0	0.000	0
1460	1457	119.5	1.56	2.1	91.3	254	0	0	361	0	1	1	0	1	0	0.000	0
1461	1458	119.59	1.64	2.1	97.13	254	0	0	417	0	1	1	0	1	0	0.000	0
1462	1459	119.67	1.79	2.1	100.3	254	0	0	497	0	1	1	0	1	0	0.000	0
1463	1460	119.75	1.96	2.1	101.88	254	0	0	592	0	1	1	0	1	0	0.000	0
1464	1461	119.83	2.17	2.2	97.91	254	0	0	684	0	1	1	0	1	0	0.000	0
1465	1462	119.91	2.39	2.2	92.14	254	0	0	777	0	1	1	0	1	0	0.000	0
1466	1463	120	2.64	2.3	86.27	254	0	0	898	0	1	1	0	1	0	0.000	0
1467	1464	120.08	3.04	2.3	83.89	254	0	0	1232	0	1	0	0	1	0	0.000	0
1468	1465	120.16	3.24	2.3	84.31	254	0	0	1471	0	1	0	0	1	0	0.000	0
1469	1466	120.24	3.27	2.3	86.59	254	0	0	1557	0	1	0	0	1	0	0.000	0
1470	1467	120.32	3.04	2.3	90.52	254	0	0	1346	0	1	0	0	1	0	0.000	0
1471	1468	120.41	3.13	2.3	90.82	254	0	0	1461	0	1	0	0	1	0	0.000	0
1472	1469	120.49	3.15	2.3	89.81	254	0	0	1467	0	1	0	0	1	0	0.000	0
1473	1470	120.57	2.95	2.3	90.39	254	0	0	1244	0	1	1	0	1	0	0.000	0
1474	1471	120.65	2.43	2.2	91.2	254	0	0	796	0	1	1	0	1	0	0.000	0
1475	1472	120.73	1.9	2.1	91.47	254	0	0	495	0	1	1	0	1	0	0.000	0
1476	1473	120.82	1.56	2.1	85.97	254	0	0	336	0	1	1	0	1	0	0.000	0
1477	1474	120.9	1.33	2.1	78.48	246.14	0	0	243	0	1	1	0	1	0	0.000	0
1478	1475	120.98	1.25	2.1	70.23	210.16	0	0	197	0	1	1	0	1	0	0.000	0
1479	1476	121.06	1.17	2.1	66.09	206.02	0	0	170	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1480	1477	121.14	1.15	2.1	64.9	205.72	0	0	163	0	1	1	0	1	0	0.000	0
1481	1478	121.23	1.13	2.1	64.33	199.74	0	0	158	0	1	1	0	1	0	0.000	0
1482	1479	121.31	1.09	2.1	63.19	198.99	0	0	149	0	1	1	0	1	0	0.000	0
1483	1480	121.39	0.97	2.1	62.82	186.1	0	0.02	132	0	1	1	0	1	0	0.000	0
1484	1481	121.47	0.9	2.1	60.8	179.19	0	0.04	118	0	1	1	0	1	0	0.000	0
1485	1482	121.55	0.83	2.0	59.39	167.51	0	0.06	107	0	1	1	0	1	0	0.000	0
1486	1483	121.64	0.84	2.1	57.78	168.11	0	0.06	104	0	1	1	0	1	0	0.000	0
1487	1484	121.72	0.9	2.1	56.89	171.99	0	0.05	109	0	1	1	0	1	0	0.000	0
1488	1485	121.8	1.01	2.1	55.62	177.26	0	0.04	117	0	1	1	0	1	0	0.000	0
1489	1486	121.88	1.08	2.1	55.11	179.25	0	0.04	124	0	1	1	0	1	0	0.000	0
1490	1487	121.96	1.11	2.1	56.78	181.14	0	0.03	133	0	1	1	0	1	0	0.000	0
1491	1488	122.05	1.17	2.1	59.57	196	0	0	149	0	1	1	0	1	0	0.000	0
1492	1489	122.13	1.11	2.1	64.05	201.86	0	0	154	0	1	1	0	1	0	0.000	0
1493	1490	122.21	1.06	2.1	67.38	203.72	0	0	157	0	1	1	0	1	0	0.000	0
1494	1491	122.29	1.01	2.0	69.04	204.37	0	0	154	0	1	1	0	1	0	0.000	0
1495	1492	122.37	1.11	2.1	68.57	207.7	0	0	168	0	1	1	0	1	0	0.000	0
1496	1493	122.46	1.29	2.1	67.13	220.53	0	0	194	0	1	1	0	1	0	0.000	0
1497	1494	122.54	1.41	2.1	66.87	226.25	0	0	216	0	1	1	0	1	0	0.000	0
1498	1495	122.62	1.46	2.2	67.37	229.17	0	0	229	0	1	1	0	1	0	0.000	0
1499	1496	122.7	1.55	2.2	67.38	238.77	0	0	249	0	1	1	0	1	0	0.000	0
1500	1497	122.78	1.7	2.2	65.42	243.37	0	0	276	0	1	1	0	1	0	0.000	0
1501	1498	122.87	1.85	2.2	62.9	232.1	0	0	302	0	1	1	0	1	0	0.000	0
1502	1499	122.95	1.86	2.3	61.59	232.94	0	0	297	0	1	1	0	1	0	0.000	0
1503	1500	123.03	1.69	2.2	63.06	231.5	0	0	261	0	1	1	0	1	0	0.000	0
1504	1501	123.11	1.53	2.2	63.92	229.28	0	0	229	0	1	1	0	1	0	0.000	0
1505	1502	123.19	1.45	2.2	62.92	221.5	0	0	208	0	1	1	0	1	0	0.000	0
1506	1503	123.28	1.44	2.2	61.14	212.02	0	0	199	0	1	1	0	1	0	0.000	0
1507	1504	123.36	1.37	2.2	59.79	210.44	0	0	181	0	1	1	0	1	0	0.000	0
1508	1505	123.44	1.3	2.2	58.44	203.07	0	0	165	0	1	1	0	1	0	0.000	0
1509	1506	123.52	1.26	2.2	56.2	193.05	0	0.01	151	0	1	1	0	1	0	0.000	0
1510	1507	123.6	1.26	2.2	54.28	187.17	0	0.02	144	0	1	1	0	1	0	0.000	0
1511	1508	123.69	1.15	2.2	54.4	184.33	0	0.03	130	0	1	1	0	1	0	0.000	0
1512	1509	123.77	1.02	2.1	55.81	180.59	0	0.04	119	0	1	1	0	1	0	0.000	0
1513	1510	123.85	0.96	2.1	55.96	179.99	0	0.04	113	0	1	1	0	1	0	0.000	0
1514	1511	123.93	0.95	2.1	54.94	173.66	0	0.05	109	0	1	1	0	1	0	0.000	0
1515	1512	124.01	0.93	2.1	53.28	170.55	0	0.05	103	0	1	1	0	1	0	0.000	0
1516	1513	124.1	0.85	2.1	52.77	164.76	0	0.06	94	0	1	1	0	1	0	0.000	0
1517	1514	124.18	0.79	2.1	52.15	159.93	0	0.07	87	1	1	1	0	1	0	0.000	0
1518	1515	124.26	0.78	2.1	49.28	158.43	0	0	80	1	1	1	0	1	0	0.000	0
1519	1516	124.34	0.89	2.2	44.7	150.53	0	0	78	1	1	1	1	1	0	0.000	0
1520	1517	124.42	1.02	2.2	39.22	149.89	0	0	73	1	1	1	1	1	0	0.000	0
1521	1518	124.51	1.4	2.4	33.54	144.59	0	0	83	1	1	1	0	1	0	0.000	0
1522	1519	124.59	2.05	2.5	27.99	139.02	0	0	111	1	1	1	0	1	0	0.000	0
1523	1520	124.67	3.18	2.7	22.45	55.1	0	0	194	1	0	0	0	1	0	0.000	0
1524	1521	124.75	4.74	3.0	16.11	34.13	0	0	254	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1525	1522	124.83	6.84	3.2	10.39	22.08	0	0	-730	1	0	0	1	1	0	0.000	0
1526	1523	124.92	9.31	3.4	6.69	14.99	0	0	-10982	1	0	0	1	1	0	0.000	0
1527	1524	125	11.67	3.6	4.6	10.19	0	0	-65483	1	0	0	1	1	0	0.000	0
1528	1525	125.08	11.61	3.7	3.58	8.99	0	0	-71321	1	0	0	1	1	0	0.000	0
1529	1526	125.16	8.81	3.7	3.34	8.51	0	0	-12442	1	0	0	1	1	0	0.000	0
1530	1527	125.24	5.64	3.6	3.26	8.38	0	0	-1311	1	0	0	1	1	0	0.000	0
1531	1528	125.33	4.4	3.5	3.25	8.29	0	0	-496	1	0	0	1	1	0	0.000	0
1532	1529	125.41	4.16	3.5	3.24	8.36	0	0	-409	1	0	0	1	1	0	0.000	0
1533	1530	125.49	4.08	3.5	3.26	8.23	0	0	-382	1	0	0	1	1	0	0.000	0
1534	1531	125.57	4.13	3.5	3.3	8.37	0	0	-397	1	0	0	1	1	0	0.000	0
1535	1532	125.65	4.1	3.5	3.38	8.55	0	0	-384	1	0	0	1	1	0	0.000	0
1536	1533	125.74	4	3.5	3.48	8.73	0	0	-349	1	0	0	1	1	0	0.000	0
1537	1534	125.82	4.14	3.5	3.59	8.95	0	0	-387	1	0	0	1	1	0	0.000	0
1538	1535	125.9	4.28	3.5	3.67	9.21	0	0	-430	1	0	0	1	1	0	0.000	0
1539	1536	125.98	4.69	3.5	3.72	9.21	0	0	-594	1	0	0	1	1	0	0.000	0
1540	1537	126.06	5.01	3.5	3.73	9.37	0	0	-765	1	0	0	1	1	0	0.000	0
1541	1538	126.15	5.56	3.5	3.65	9.41	0	0	-1181	1	0	0	1	1	0	0.000	0
1542	1539	126.23	5.96	3.5	3.52	8.83	0	0	-1623	1	0	0	1	1	0	0.000	0
1543	1540	126.31	6.2	3.6	3.35	8.52	0	0	-1979	1	0	0	1	1	0	0.000	0
1544	1541	126.39	6.18	3.6	3.23	8.24	0	0	-1975	1	0	0	1	1	0	0.000	0
1545	1542	126.47	6.08	3.6	3.16	8.03	0	0	-1847	1	0	0	1	1	0	0.000	0
1546	1543	126.56	5.93	3.6	3.17	8.09	0	0	-1819	1	0	0	1	1	0	0.000	0
1547	1544	126.64	5.8	3.6	3.25	8.3	0	0	-1482	1	0	0	1	1	0	0.000	0
1548	1545	126.72	5.75	3.6	3.31	8.48	0	0	-1418	1	0	0	1	1	0	0.000	0
1549	1546	126.8	5.92	3.6	3.27	8.52	0	0	-1619	1	0	0	1	1	0	0.000	0
1550	1547	126.88	6.15	3.6	3.18	8.3	0	0	-1942	1	0	0	1	1	0	0.000	0
1551	1548	126.97	6.27	3.6	3.12	8.22	0	0	-2137	1	0	0	1	1	0	0.000	0
1552	1549	127.05	6.02	3.6	3.16	8.3	0	0	-1766	1	0	0	1	1	0	0.000	0
1553	1550	127.13	5.78	3.6	3.21	8.46	0	0	-1466	1	0	0	1	1	0	0.000	0
1554	1551	127.21	5.76	3.6	3.24	8.46	0	0	-1439	1	0	0	1	1	0	0.000	0
1555	1552	127.3	6.43	3.6	3.27	8.44	0	0	-2367	1	0	0	1	1	0	0.000	0
1556	1553	127.38	6.91	3.6	3.54	8.63	0	0	-3259	1	0	0	1	1	0	0.000	0
1557	1554	127.46	7.39	3.6	3.83	9.97	0	0	-4442	1	0	0	1	1	0	0.000	0
1558	1555	127.54	7.57	3.6	4.08	10.11	0	0	-4897	1	0	0	1	1	0	0.000	0
1559	1556	127.62	8.02	3.6	4.05	10.46	0	0	-6719	1	0	0	1	1	0	0.000	0
1560	1557	127.71	8.46	3.6	3.94	10.05	0	0	-9190	1	0	0	1	1	0	0.000	0
1561	1558	127.79	8.66	3.6	3.66	9.82	0	0	-10861	1	0	0	1	1	0	0.000	0
1562	1559	127.87	8.83	3.7	3.34	8.94	0	0	-12609	1	0	0	1	1	0	0.000	0
1563	1560	127.95	8.69	3.7	3.05	8.37	0	0	-11846	1	0	0	1	1	0	0.000	0
1564	1561	128.03	8.32	3.7	2.92	8.06	0	0	-9354	1	0	0	1	1	0	0.000	0
1565	1562	128.12	7.71	3.7	2.89	8.08	0	0	-6164	1	0	0	1	1	0	0.000	0
1566	1563	128.2	7.16	3.7	2.9	7.98	0	0	-4178	1	0	0	1	1	0	0.000	0
1567	1564	128.28	6.98	3.7	2.9	8.03	0	0	-3672	1	0	0	1	1	0	0.000	0
1568	1565	128.36	6.89	3.7	2.89	7.98	0	0	-3445	1	0	0	1	1	0	0.000	0
1569	1566	128.44	6.81	3.6	2.87	7.89	0	0	-3258	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1570	1567	128.53	6.67	3.6	2.88	7.95	0	0	-2940	1	0	0	1	1	0	0.000	0
1571	1568	128.61	6.49	3.6	2.91	7.97	0	0	-2570	1	0	0	1	1	0	0.000	0
1572	1569	128.69	6.31	3.6	2.96	8.02	0	0	-2239	1	0	0	1	1	0	0.000	0
1573	1570	128.77	6.12	3.6	3.01	8.15	0	0	-1934	1	0	0	1	1	0	0.000	0
1574	1571	128.85	5.9	3.6	3.07	8.2	0	0	-1629	1	0	0	1	1	0	0.000	0
1575	1572	128.94	5.71	3.6	3.13	8.28	0	0	-1402	1	0	0	1	1	0	0.000	0
1576	1573	129.02	5.57	3.6	3.19	8.38	0	0	-1252	1	0	0	1	1	0	0.000	0
1577	1574	129.1	5.58	3.6	3.25	8.49	0	0	-1254	1	0	0	1	1	0	0.000	0
1578	1575	129.18	5.65	3.6	3.31	8.59	0	0	-1314	1	0	0	1	1	0	0.000	0
1579	1576	129.26	5.73	3.6	3.37	8.74	0	0	-1387	1	0	0	1	1	0	0.000	0
1580	1577	129.35	5.71	3.5	3.46	8.83	0	0	-1353	1	0	0	1	1	0	0.000	0
1581	1578	129.43	5.63	3.5	3.58	9.09	0	0	-1256	1	0	0	1	1	0	0.000	0
1582	1579	129.51	5.67	3.5	3.71	9.36	0	0	-1276	1	0	0	1	1	0	0.000	0
1583	1580	129.59	5.68	3.5	3.81	9.51	0	0	-1271	1	0	0	1	1	0	0.000	0
1584	1581	129.67	5.62	3.5	3.88	9.55	0	0	-1205	1	0	0	1	1	0	0.000	0
1585	1582	129.76	5.36	3.5	3.96	9.72	0	0	-978	1	0	0	1	1	0	0.000	0
1586	1583	129.84	5.22	3.5	4.04	9.96	0	0	-869	1	0	0	1	1	0	0.000	0
1587	1584	129.92	5.18	3.5	4.12	9.97	0	0	-834	1	0	0	1	1	0	0.000	0
1588	1585	130	5.16	3.4	4.19	10.15	0	0	-815	1	0	0	1	1	0	0.000	0
1589	1586	130.08	5.16	3.4	4.29	10.35	0	0	-805	1	0	0	1	1	0	0.000	0
1590	1587	130.17	5.12	3.4	4.37	10.51	0	0	-773	1	0	0	1	1	0	0.000	0
1591	1588	130.25	5.19	3.4	4.39	10.57	0	0	-814	1	0	0	1	1	0	0.000	0
1592	1589	130.33	5.32	3.4	4.32	10.42	0	0	-903	1	0	0	1	1	0	0.000	0
1593	1590	130.41	5.66	3.5	4.13	10.12	0	0	-1206	1	0	0	1	1	0	0.000	0
1594	1591	130.49	6.09	3.5	3.89	9.46	0	0	-1616	1	0	0	1	1	0	0.000	0
1595	1592	130.58	6.52	3.5	3.7	9.15	0	0	-2410	1	0	0	1	1	0	0.000	0
1596	1593	130.66	6.99	3.6	3.62	9.02	0	0	-3421	1	0	0	1	1	0	0.000	0
1597	1594	130.74	7.32	3.6	3.64	8.96	0	0	-4320	1	0	0	1	1	0	0.000	0
1598	1595	130.82	7.48	3.6	3.56	9.22	0	0	-4881	1	0	0	1	1	0	0.000	0
1599	1596	130.9	7.43	3.6	3.64	8.64	0	0	-4670	1	0	0	1	1	0	0.000	0
1600	1597	130.99	7.78	3.6	3.84	9.43	0	0	-5832	1	0	0	1	1	0	0.000	0
1601	1598	131.07	6.57	3.4	5.24	10.23	0	0	-2063	1	0	0	1	1	0	0.000	0
1602	1599	131.15	5.8	3.3	6.51	17.01	0	0	-960	1	0	0	1	1	0	0.000	0
1603	1600	131.23	6.03	3.3	6.46	17.69	0	0	-1151	1	0	0	1	1	0	0.000	0
1604	1601	131.31	8.08	3.5	5	10.74	0	0	-6215	1	0	0	1	1	0	0.000	0
1605	1602	131.4	11.94	3.7	3.51	8.92	0	0	-87554	1	0	0	1	1	0	0.000	0
1606	1603	131.48	13.95	3.8	3.15	8.62	0	0	-288847	1	0	0	1	1	0	0.000	0
1607	1604	131.56	14.48	3.8	2.97	8.34	0	0	-394149	1	0	0	1	1	0	0.000	0
1608	1605	131.64	13.07	3.8	3.33	7.62	0	0	-172548	1	0	0	1	1	0	0.000	0
1609	1606	131.72	13.27	3.8	3.24	10.55	0	0	-195272	1	0	0	1	1	0	0.000	0
1610	1607	131.81	13.54	3.8	3.13	7.97	0	0	-230175	1	0	0	1	1	0	0.000	0
1611	1608	131.89	16.46	3.9	2.41	7.33	0	0	-1189827	1	0	0	1	1	0	0.000	0
1612	1609	131.97	18.15	4.0	2.07	6.76	0	0	-2865747	1	0	0	1	1	0	0.000	0
1613	1610	132.05	20.18	4.1	1.69	6.23	0	0	-7783348	1	0	0	1	1	0	0.000	0
1614	1611	132.13	18.04	4.1	1.66	5.16	0	0	-2822409	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1615	1612	132.22	15.04	4.1	1.53	6.5	0	0	-614240	1	0	0	1	1	0	0.000	0
1616	1613	132.3	8.83	3.8	2.11	5.38	0	0	-14302	1	0	0	1	1	0	0.000	0
1617	1614	132.38	6.96	3.7	2.23	8.34	0	0	-3872	1	0	0	1	1	0	0.000	0
1618	1615	132.46	6.22	3.7	2.28	7.26	0	0	-2243	1	0	0	1	1	0	0.000	0
1619	1616	132.54	8.95	4.0	1.49	5.66	0	0	-16415	1	0	0	1	1	0	0.000	0
1620	1617	132.63	11.79	4.1	0.93	3.89	0	0	-103046	1	0	0	1	1	0	0.000	0
1621	1618	132.71	12.38	4.1	0.7	3.85	0	0	-148967	1	0	0	1	1	0	0.000	0
1622	1619	132.79	8.35	4.1	0.79	4.12	0	0	-11669	1	0	0	1	1	0	0.000	0
1623	1620	132.87	6.7	4.1	0.9	4.11	0	0	-3624	1	0	0	1	1	0	0.000	0
1624	1621	132.95	5.94	4.0	1	4.25	0	0	-2048	1	0	0	1	1	0	0.000	0
1625	1622	133.04	5.4	3.9	1.15	4.44	0	0	-1340	1	0	0	1	1	0	0.000	0
1626	1623	133.12	5.06	3.9	1.26	4.66	0	0	-1019	1	0	0	1	1	0	0.000	0
1627	1624	133.2	4.79	3.8	1.36	4.71	0	0	-817	1	0	0	1	1	0	0.000	0
1628	1625	133.28	4.58	3.8	1.42	4.8	0	0	-687	1	0	0	1	1	0	0.000	0
1629	1626	133.36	4.51	3.8	1.5	4.86	0	0	-645	1	0	0	1	1	0	0.000	0
1630	1627	133.45	4.47	3.8	1.6	5.01	0	0	-619	1	0	0	1	1	0	0.000	0
1631	1628	133.53	4.33	3.7	1.71	5.19	0	0	-547	1	0	0	1	1	0	0.000	0
1632	1629	133.61	4.2	3.7	1.78	5.32	0	0	-489	1	0	0	1	1	0	0.000	0
1633	1630	133.69	4.08	3.7	1.82	5.35	0	0	-442	1	0	0	1	1	0	0.000	0
1634	1631	133.77	4.04	3.7	1.81	5.36	0	0	-428	1	0	0	1	1	0	0.000	0
1635	1632	133.86	4.04	3.7	1.79	5.28	0	0	-429	1	0	0	1	1	0	0.000	0
1636	1633	133.94	4.16	3.7	1.79	5.24	0	0	-473	1	0	0	1	1	0	0.000	0
1637	1634	134.02	4.48	3.7	1.85	5.32	0	0	-61[illegible]	1	0	0	1	1	0	0.000	0
1638	1635	134.1	4.74	3.7	1.96	5.54	0	0	-743	1	0	0	1	1	0	0.000	0
1639	1636	134.18	4.88	3.7	2.11	5.85	0	0	-918	1	0	0	1	1	0	0.000	0
1640	1637	134.27	4.85	3.7	2.25	6.14	0	0	-788	1	0	0	1	1	0	0.000	0
1641	1638	134.35	4.94	3.7	2.32	6.37	0	0	-840	1	0	0	1	1	0	0.000	0
1642	1639	134.43	5.34	3.7	2.24	6.4	0	0	-1156	1	0	0	1	1	0	0.000	0
1643	1640	134.51	5.69	3.7	2.12	6.03	0	0	-1530	1	0	0	1	1	0	0.000	0
1644	1641	134.59	5.55	3.7	2.06	5.91	0	0	-1383	1	0	0	1	1	0	0.000	0
1645	1642	134.68	4.86	3.7	2.07	5.97	0	0	-808	1	0	0	1	1	0	0.000	0
1646	1643	134.76	4.24	3.7	2.09	5.9	0	0	-491	1	0	0	1	1	0	0.000	0
1647	1644	134.84	4	3.6	2.12	5.87	0	0	-402	1	0	0	1	1	0	0.000	0
1648	1645	134.92	4.23	3.6	2.14	6.02	0	0	-484	1	0	0	1	1	0	0.000	0
1649	1646	135	4.67	3.7	2.24	5.9	0	0	-684	1	0	0	1	1	0	0.000	0
1650	1647	135.09	5.21	3.7	2.37	6.22	0	0	-1032	1	0	0	1	1	0	0.000	0
1651	1648	135.17	5.68	3.6	2.62	6.74	0	0	-1445	1	0	0	1	1	0	0.000	0
1652	1649	135.25	6.04	3.6	2.97	7.35	0	0	-1829	1	0	0	1	1	0	0.000	0
1653	1650	135.33	6.44	3.6	3.22	8.34	0	0	-2397	1	0	0	1	1	0	0.000	0
1654	1651	135.41	6.84	3.6	3.33	8.52	0	0	-3171	1	0	0	1	1	0	0.000	0
1655	1652	135.5	7.22	3.6	3.24	8.35	0	0	-4206	1	0	0	1	1	0	0.000	0
1656	1653	135.58	7.48	3.6	3.08	8.15	0	0	-5143	1	0	0	1	1	0	0.000	0
1657	1654	135.66	7.73	3.7	2.89	7.68	0	0	-6250	1	0	0	1	1	0	0.000	0
1658	1655	135.74	8.08	3.7	2.7	7.21	0	0	-8120	1	0	0	1	1	0	0.000	0
1659	1656	135.83	8.25	3.7	2.62	7.02	0	0	-9197	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1660	1657	135.91	8.28	3.7	2.6	7.08	0	0	-9406	1	0	0	1	1	0	0.000	0
1661	1658	135.99	8.27	3.7	2.58	7.06	0	0	-9361	1	0	0	1	1	0	0.000	0
1662	1659	136.07	8.28	3.7	2.55	6.81	0	0	-9454	1	0	0	1	1	0	0.000	0
1663	1660	136.15	8.1	3.7	2.52	6.87	0	0	-8384	1	0	0	1	1	0	0.000	0
1664	1661	136.24	7.55	3.7	2.57	6.91	0	0	-5695	1	0	0	1	1	0	0.000	0
1665	1662	136.32	7.26	3.7	2.59	6.98	0	0	-4631	1	0	0	1	1	0	0.000	0
1666	1663	136.4	7.1	3.7	2.64	6.99	0	0	-4111	1	0	0	1	1	0	0.000	0
1667	1664	136.48	7.21	3.7	2.67	7.16	0	0	-4433	1	0	0	1	1	0	0.000	0
1668	1665	136.56	7.28	3.7	2.68	7.14	0	0	-4654	1	0	0	1	1	0	0.000	0
1669	1666	136.65	7.78	3.7	2.65	7.08	0	0	-6633	1	0	0	1	1	0	0.000	0
1670	1667	136.73	8.33	3.7	2.68	7.02	0	0	-9653	1	0	0	1	1	0	0.000	0
1671	1668	136.81	8.72	3.7	2.84	7.3	0	0	-12355	1	0	0	1	1	0	0.000	0
1672	1669	136.89	8.61	3.7	3.19	7.86	0	0	-11060	1	0	0	1	1	0	0.000	0
1673	1670	136.97	9.9	3.7	3.65	8.97	0	0	-24504	1	0	0	1	1	0	0.000	0
1674	1671	137.06	11.39	3.6	4.28	10.16	0	0	-57551	1	0	0	1	1	0	0.000	0
1675	1672	137.14	12.65	3.6	4.99	12.01	0	0	-110958	1	0	0	1	1	0	0.000	0
1676	1673	137.22	13.13	3.6	5.61	13.82	0	0	-134166	1	0	0	1	1	0	0.000	0
1677	1674	137.3	12.2	3.5	6.62	14.81	0	0	-66787	1	0	0	1	1	0	0.000	0
1678	1675	137.38	11.23	3.5	7.32	19.21	0	0	-32907	1	0	0	1	1	0	0.000	0
1679	1676	137.47	9.77	3.4	7.78	18.88	0	0	-12023	1	0	0	1	1	0	0.000	0
1680	1677	137.55	9.13	3.4	7.27	18	0	0	-8783	1	0	0	1	1	0	0.000	0
1681	1678	137.63	9.16	3.5	6.21	15.9	0	0	-10774	1	0	0	1	1	0	0.000	0
1682	1679	137.71	10.4	3.6	4.84	12.22	0	0	-29124	1	0	0	1	1	0	0.000	0
1683	1680	137.79	12.04	3.7	3.59	9.37	0	0	-92078	1	0	0	1	1	0	0.000	0
1684	1681	137.88	12.04	3.8	2.93	8.01	0	0	-98499	1	0	0	1	1	0	0.000	0
1685	1682	137.96	10.18	3.8	2.67	7.92	0	0	-32528	1	0	0	1	1	0	0.000	0
1686	1683	138.04	8.65	3.8	2.55	7.49	0	0	-12142	1	0	0	1	1	0	0.000	0
1687	1684	138.12	8.32	3.8	2.45	7.05	0	0	-9812	1	0	0	1	1	0	0.000	0
1688	1685	138.2	8.84	3.8	2.41	6.98	0	0	-13982	1	0	0	1	1	0	0.000	0
1689	1686	138.29	8.86	3.8	2.44	6.96	0	0	-14128	1	0	0	1	1	0	0.000	0
1690	1687	138.37	8.85	3.7	2.64	7.05	0	0	-13755	1	0	0	1	1	0	0.000	0
1691	1688	138.45	8.59	3.7	3.11	7.93	0	0	-11006	1	0	0	1	1	0	0.000	0
1692	1689	138.53	8.27	3.6	3.83	9.45	0	0	-8182	1	0	0	1	1	0	0.000	0
1693	1690	138.61	8.2	3.6	4.33	11.1	0	0	-7350	1	0	0	1	1	0	0.000	0
1694	1691	138.7	8.43	3.6	4.44	11.32	0	0	-8480	1	0	0	1	1	0	0.000	0
1695	1692	138.78	9.2	3.6	4.04	10.78	0	0	-14877	1	0	0	1	1	0	0.000	0
1696	1693	138.86	10.19	3.7	3.55	9.42	0	0	-29804	1	0	0	1	1	0	0.000	0
1697	1694	138.94	10.99	3.7	3.11	8.51	0	0	-51503	1	0	0	1	1	0	0.000	0
1698	1695	139.02	11.13	3.8	2.9	7.89	0	0	-57374	1	0	0	1	1	0	0.000	0
1699	1696	139.11	11.87	3.8	2.95	7.87	0	0	-89213	1	0	0	1	1	0	0.000	0
1700	1697	139.19	13.81	3.8	3.49	8.3	0	0	-257480	1	0	0	1	1	0	0.000	0
1701	1698	139.27	14.4	3.7	4.13	10.68	0	0	-331364	1	0	0	1	1	0	0.000	0
1702	1699	139.35	14.15	3.7	4.92	11.96	0	0	-261575	1	0	0	1	1	0	0.000	0
1703	1700	139.43	13.03	3.6	5.52	13.65	0	0	-128368	1	0	0	1	1	0	0.000	0
1704	1701	139.52	11.1	3.5	6.74	15.43	0	0	-33799	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1705	1702	139.6	10.42	3.4	7.28	20.04	0	0	-20095	1	0	0	1	1	0	0.000	0
1706	1703	139.68	10.81	3.5	7.03	17.39	0	0	-26850	1	0	0	1	1	0	0.000	0
1707	1704	139.76	13.07	3.6	5.79	13.91	0	0	-126259	1	0	0	1	1	0	0.000	0
1708	1705	139.84	14.58	3.7	5.14	12.37	0	0	-321449	1	0	0	1	1	0	0.000	0
1709	1706	139.93	12.62	3.6	5.66	13.15	0	0	-99315	1	0	0	1	1	0	0.000	0
1710	1707	140.01	10.27	3.5	6.78	16.86	0	0	-20036	1	0	0	1	1	0	0.000	0
1711	1708	140.09	8.95	3.4	7.81	19.01	0	0	-6992	1	0	0	1	1	0	0.000	0
1712	1709	140.17	8.77	3.4	7.89	19.87	0	0	-6097	1	0	0	1	1	0	0.000	0
1713	1710	140.25	9.22	3.4	6.98	17.7	0	0	-9836	1	0	0	1	1	0	0.000	0
1714	1711	140.34	9.83	3.5	5.63	13.78	0	0	-18188	1	0	0	1	1	0	0.000	0
1715	1712	140.42	11.13	3.7	4.12	11.36	0	0	-50083	1	0	0	1	1	0	0.000	0
1716	1713	140.5	13.18	3.8	2.98	8.3	0	0	-190738	1	0	0	1	1	0	0.000	0
1717	1714	140.58	14.07	3.9	2.34	6.7	0	0	-335452	1	0	0	1	1	0	0.000	0
1718	1715	140.66	12.74	3.9	2.17	6.6	0	0	-160787	1	0	0	1	1	0	0.000	0
1719	1716	140.75	10.17	3.8	2.22	6.35	0	0	-33803	1	0	0	1	1	0	0.000	0
1720	1717	140.83	8.6	3.8	2.2	6.23	0	0	-12154	1	0	0	1	1	0	0.000	0
1721	1718	140.91	7.67	3.8	2.2	6.3	0	0	-6425	1	0	0	1	1	0	0.000	0
1722	1719	140.99	7.14	3.8	2.25	6.27	0	0	-4397	1	0	0	1	1	0	0.000	0
1723	1720	141.07	6.81	3.7	2.33	6.41	0	0	-3441	1	0	0	1	1	0	0.000	0
1724	1721	141.16	6.65	3.7	2.45	6.68	0	0	-3027	1	0	0	1	1	0	0.000	0
1725	1722	141.24	6.73	3.7	2.56	6.82	0	0	-3174	1	0	0	1	1	0	0.000	0
1726	1723	141.32	6.75	3.7	2.75	7.06	0	0	-3159	1	0	0	1	1	0	0.000	0
1727	1724	141.4	7.18	3.6	3.12	7.71	0	0	-4141	1	0	0	1	1	0	0.000	0
1728	1725	141.48	7.22	3.6	3.56	8.91	0	0	-4060	1	0	0	1	1	0	0.000	0
1729	1726	141.57	7.36	3.6	3.93	9.65	0	0	-4199	1	0	0	1	1	0	0.000	0
1730	1727	141.65	7.28	3.5	4.17	10.46	0	0	-3948	1	0	0	1	1	0	0.000	0
1731	1728	141.73	7.78	3.6	4.11	11.33	0	0	-5650	1	0	0	1	1	0	0.000	0
1732	1729	141.81	8.53	3.6	3.99	10.08	0	0	-9579	1	0	0	1	1	0	0.000	0
1733	1730	141.89	9.25	3.6	4.06	9.79	0	0	-15338	1	0	0	1	1	0	0.000	0
1734	1731	141.98	8.66	3.6	4.5	11.23	0	0	-9829	1	0	0	1	1	0	0.000	0
1735	1732	142.06	7.89	3.5	4.95	12.46	0	0	-5488	1	0	0	1	1	0	0.000	0
1736	1733	142.14	7.18	3.5	5.12	12.7	0	0	-3258	1	0	0	1	1	0	0.000	0
1737	1734	142.22	7.05	3.4	5.37	12.78	0	0	-2868	1	0	0	1	1	0	0.000	0
1738	1735	142.3	7.21	3.4	5.68	14.14	0	0	-3075	1	0	0	1	1	0	0.000	0
1739	1736	142.39	7.18	3.4	5.76	14.65	0	0	-2975	1	0	0	1	1	0	0.000	0
1740	1737	142.47	7.21	3.5	5.11	13.39	0	0	-3332	1	0	0	1	1	0	0.000	0
1741	1738	142.55	7.23	3.5	4.21	10.6	0	0	-3792	1	0	0	1	1	0	0.000	0
1742	1739	142.63	7.34	3.6	3.63	9.26	0	0	-4387	1	0	0	1	1	0	0.000	0
1743	1740	142.71	7.35	3.6	3.45	9.45	0	0	-4508	1	0	0	1	1	0	0.000	0
1744	1741	142.8	7.09	3.6	3.36	8.94	0	0	-3783	1	0	0	1	1	0	0.000	0
1745	1742	142.88	7.03	3.6	3.15	8.47	0	0	-3707	1	0	0	1	1	0	0.000	0
1746	1743	142.96	6.96	3.7	2.92	8.12	0	0	-3612	1	0	0	1	1	0	0.000	0
1747	1744	143.04	6.81	3.7	2.75	7.57	0	0	-3299	1	0	0	1	1	0	0.000	0
1748	1745	143.12	6.61	3.7	2.69	7.29	0	0	-2870	1	0	0	1	1	0	0.000	0
1749	1746	143.21	6.15	3.6	2.82	7.52	0	0	-2017	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1750	1747	143.29	5.81	3.6	2.98	8.1	0	0	-1537	1	0	0	1	1	0	0.000	0
1751	1748	143.37	5.74	3.6	3.04	8.11	0	0	-1448	1	0	0	1	1	0	0.000	0
1752	1749	143.45	6.21	3.6	2.96	7.93	0	0	-2079	1	0	0	1	1	0	0.000	0
1753	1750	143.53	6.85	3.7	2.85	7.71	0	0	-3361	1	0	0	1	1	0	0.000	0
1754	1751	143.62	8.07	3.7	2.78	7.39	0	0	-7999	1	0	0	1	1	0	0.000	0
1755	1752	143.7	9.15	3.7	2.72	7.34	0	0	-16642	1	0	0	1	1	0	0.000	0
1756	1753	143.78	9.86	3.8	2.77	7.21	0	0	-26260	1	0	0	1	1	0	0.000	0
1757	1754	143.86	9.77	3.7	2.86	7.47	0	0	-24556	1	0	0	1	1	0	0.000	0
1758	1755	143.95	8.68	3.6	3.43	7.72	0	0	-11294	1	0	0	1	1	0	0.000	0
1759	1756	144.03	8.3	3.6	4.03	10.9	0	0	-8158	1	0	0	1	1	0	0.000	0
1760	1757	144.11	7.92	3.5	4.47	11.41	0	0	-5959	1	0	0	1	1	0	0.000	0
1761	1758	144.19	8.06	3.5	4.38	10.98	0	0	-6637	1	0	0	1	1	0	0.000	0
1762	1759	144.27	8.3	3.6	4.22	10.77	0	0	-7975	1	0	0	1	1	0	0.000	0
1763	1760	144.36	8.51	3.6	4.15	10.77	0	0	-9273	1	0	0	1	1	0	0.000	0
1764	1761	144.44	8.72	3.6	4	10.42	0	0	-10871	1	0	0	1	1	0	0.000	0
1765	1762	144.52	8.61	3.6	3.84	9.71	0	0	-10288	1	0	0	1	1	0	0.000	0
1766	1763	144.6	8.25	3.6	3.78	9.77	0	0	-8117	1	0	0	1	1	0	0.000	0
1767	1764	144.68	8.96	3.6	3.91	10.14	0	0	-12892	1	0	0	1	1	0	0.000	0
1768	1765	144.77	11.17	3.7	3.85	10.2	0	0	-52976	1	0	0	1	1	0	0.000	0
1769	1766	144.85	14.11	3.8	3.51	9.15	0	0	-303457	1	0	0	1	1	0	0.000	0
1770	1767	144.93	16.5	3.9	2.99	8.18	0	0	-1144677	1	0	0	1	1	0	0.000	0
1771	1768	145.01	14.94	3.9	2.85	7.39	0	0	-512078	1	0	0	1	1	0	0.000	0
1772	1769	145.09	12.19	3.8	2.95	8.32	0	0	-107835	1	0	0	1	1	0	0.000	0
1773	1770	145.18	10.02	3.7	3.04	9	0	0	-28279	1	0	0	1	1	0	0.000	0
1774	1771	145.26	9.11	3.7	2.86	8.22	0	0	-15977	1	0	0	1	1	0	0.000	0
1775	1772	145.34	8.64	3.7	2.62	7.51	0	0	-11976	1	0	0	1	1	0	0.000	0
1776	1773	145.42	7.85	3.7	2.51	7.23	0	0	-7063	1	0	0	1	1	0	0.000	0
1777	1774	145.5	7.06	3.7	2.48	7.11	0	0	-4059	1	0	0	1	1	0	0.000	0
1778	1775	145.59	6.56	3.7	2.44	7.06	0	0	-2838	1	0	0	1	1	0	0.000	0
1779	1776	145.67	6.38	3.7	2.38	6.83	0	0	-2501	1	0	0	1	1	0	0.000	0
1780	1777	145.75	6.28	3.7	2.33	6.64	0	0	-2334	1	0	0	1	1	0	0.000	0
1781	1778	145.83	6.16	3.7	2.33	6.65	0	0	-2135	1	0	0	1	1	0	0.000	0
1782	1779	145.91	6.18	3.7	2.35	6.7	0	0	-2163	1	0	0	1	1	0	0.000	0
1783	1780	146	6.26	3.7	2.3	6.62	0	0	-2307	1	0	0	1	1	0	0.000	0
1784	1781	146.08	6.39	3.7	2.18	6.34	0	0	-2569	1	0	0	1	1	0	0.000	0
1785	1782	146.16	6.57	3.8	2.06	6.05	0	0	-2966	1	0	0	1	1	0	0.000	0
1786	1783	146.24	6.81	3.8	1.98	5.91	0	0	-3560	1	0	0	1	1	0	0.000	0
1787	1784	146.32	7.26	3.8	1.91	5.8	0	0	-4948	1	0	0	1	1	0	0.000	0
1788	1785	146.41	7.28	3.8	1.84	5.59	0	0	-5052	1	0	0	1	1	0	0.000	0
1789	1786	146.49	6.98	3.8	1.79	5.48	0	0	-4097	1	0	0	1	1	0	0.000	0
1790	1787	146.57	6.43	3.8	1.8	5.48	0	0	-2743	1	0	0	1	1	0	0.000	0
1791	1788	146.65	6	3.8	1.87	5.55	0	0	-1980	1	0	0	1	1	0	0.000	0
1792	1789	146.73	5.88	3.8	1.95	5.73	0	0	-1796	1	0	0	1	1	0	0.000	0
1793	1790	146.82	6.83	3.8	2.03	5.84	0	0	-3594	1	0	0	1	1	0	0.000	0
1794	1791	146.9	7.99	3.8	2.11	6.01	0	0	-8092	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1795	1792	146.98	9.2	3.8	2.2	6.24	0	0	-18113	1	0	0	1	1	0	0.000	0
1796	1793	147.06	9.59	3.8	2.27	6.46	0	0	-23202	1	0	0	1	1	0	0.000	0
1797	1794	147.14	9.57	3.8	2.41	6.61	0	0	-22590	1	0	0	1	1	0	0.000	0
1798	1795	147.23	9.56	3.8	2.54	7.19	0	0	-22155	1	0	0	1	1	0	0.000	0
1799	1796	147.31	9.42	3.8	2.7	7.34	0	0	-19903	1	0	0	1	1	0	0.000	0
1800	1797	147.39	9.45	3.7	2.78	7.52	0	0	-20130	1	0	0	1	1	0	0.000	0
1801	1798	147.47	9.45	3.7	2.86	7.64	0	0	-19964	1	0	0	1	1	0	0.000	0
1802	1799	147.55	9.23	3.7	2.95	7.8	0	0	-17129	1	0	0	1	1	0	0.000	0
1803	1800	147.64	9.06	3.7	3.05	8.07	0	0	-15154	1	0	0	1	1	0	0.000	0
1804	1801	147.72	8.71	3.7	3.19	8.17	0	0	-11828	1	0	0	1	1	0	0.000	0
1805	1802	147.8	8.67	3.7	3.31	8.55	0	0	-11367	1	0	0	1	1	0	0.000	0
1806	1803	147.88	8.5	3.6	3.4	8.68	0	0	-10038	1	0	0	1	1	0	0.000	0
1807	1804	147.96	8.45	3.6	3.42	8.75	0	0	-9683	1	0	0	1	1	0	0.000	0
1808	1805	148.05	8.62	3.7	3.39	8.75	0	0	-10895	1	0	0	1	1	0	0.000	0
1809	1806	148.13	9.08	3.7	3.37	8.52	0	0	-14835	1	0	0	1	1	0	0.000	0
1810	1807	148.21	9.83	3.7	3.39	8.52	0	0	-24118	1	0	0	1	1	0	0.000	0
1811	1808	148.29	9.67	3.6	3.7	8.76	0	0	-21018	1	0	0	1	1	0	0.000	0
1812	1809	148.37	9.27	3.6	4.4	10.13	0	0	-14914	1	0	0	1	1	0	0.000	0
1813	1810	148.46	8.86	3.5	5.69	12.66	0	0	-9564	1	0	0	1	1	0	0.000	0
1814	1811	148.54	8.92	3.4	7.19	17.22	0	0	-7761	1	0	0	1	1	0	0.000	0
1815	1812	148.62	9.4	3.4	8.56	20.38	0	0	-7398	1	0	0	1	1	0	0.000	0
1816	1813	148.7	10.38	3.4	9.39	23.01	0	0	-11675	1	0	0	1	1	0	0.000	0
1817	1814	148.78	12.09	3.4	9.62	24.04	0	0	-30654	1	0	0	1	1	0	0.000	0
1818	1815	148.87	13.86	3.4	9.56	22.99	0	0	-86391	1	0	0	1	1	0	0.000	0
1819	1816	148.95	15.66	3.5	9.2	23	0	0	-250415	1	0	0	1	1	0	0.000	0
1820	1817	149.03	16.54	3.5	8.97	21.67	0	0	-433686	1	0	0	1	1	0	0.000	0
1821	1818	149.11	17.29	3.5	8.69	21.51	0	0	-684262	1	0	0	1	1	0	0.000	0
1822	1819	149.19	17.4	3.5	8.53	21.09	0	0	-753296	1	0	0	1	1	0	0.000	0
1823	1820	149.28	17.62	3.6	8.09	20.56	0	0	-933554	1	0	0	1	1	0	0.000	0
1824	1821	149.36	17.63	3.6	7.35	18.54	0	0	-1095623	1	0	0	1	1	0	0.000	0
1825	1822	149.44	17.47	3.6	6.42	16.14	0	0	-1194631	1	0	0	1	1	0	0.000	0
1826	1823	149.52	16.6	3.7	5.52	14.35	0	0	-884269	1	0	0	1	1	0	0.000	0
1827	1824	149.6	15.36	3.7	4.89	12.46	0	0	-505424	1	0	0	1	1	0	0.000	0
1828	1825	149.69	13.4	3.7	4.46	11.69	0	0	-182506	1	0	0	1	1	0	0.000	0
1829	1826	149.77	11.81	3.7	4.17	11.08	0	0	-75081	1	0	0	1	1	0	0.000	0
1830	1827	149.85	10.46	3.7	3.71	10.25	0	0	-34698	1	0	0	1	1	0	0.000	0
1831	1828	149.93	10.33	3.7	3.2	9	0	0	-33832	1	0	0	1	1	0	0.000	0
1832	1829	150.01	10.84	3.8	2.72	8.13	0	0	-48905	1	0	0	1	1	0	0.000	0
1833	1830	150.1	7.77	3.7	2.45	7.39	0	0	-6721	1	0	0	1	1	0	0.000	0
1834	1831	150.18	3.94	3.6	2.28	7.1	0	0	-377	1	0	0	1	1	0	0.000	0
1835	1832	150.26	0	4.1	2.18	6.97	0	0	-10	1	0	1	1	1	0	0.000	0
1836	1833	150.34	0	4.1	2.06	6.75	0	0	-10	1	0	1	1	1	0	0.000	0
1837	1834	150.42	0	4.1	1.95	6.26	0	0	-11	1	0	1	1	1	0	0.000	0

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GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

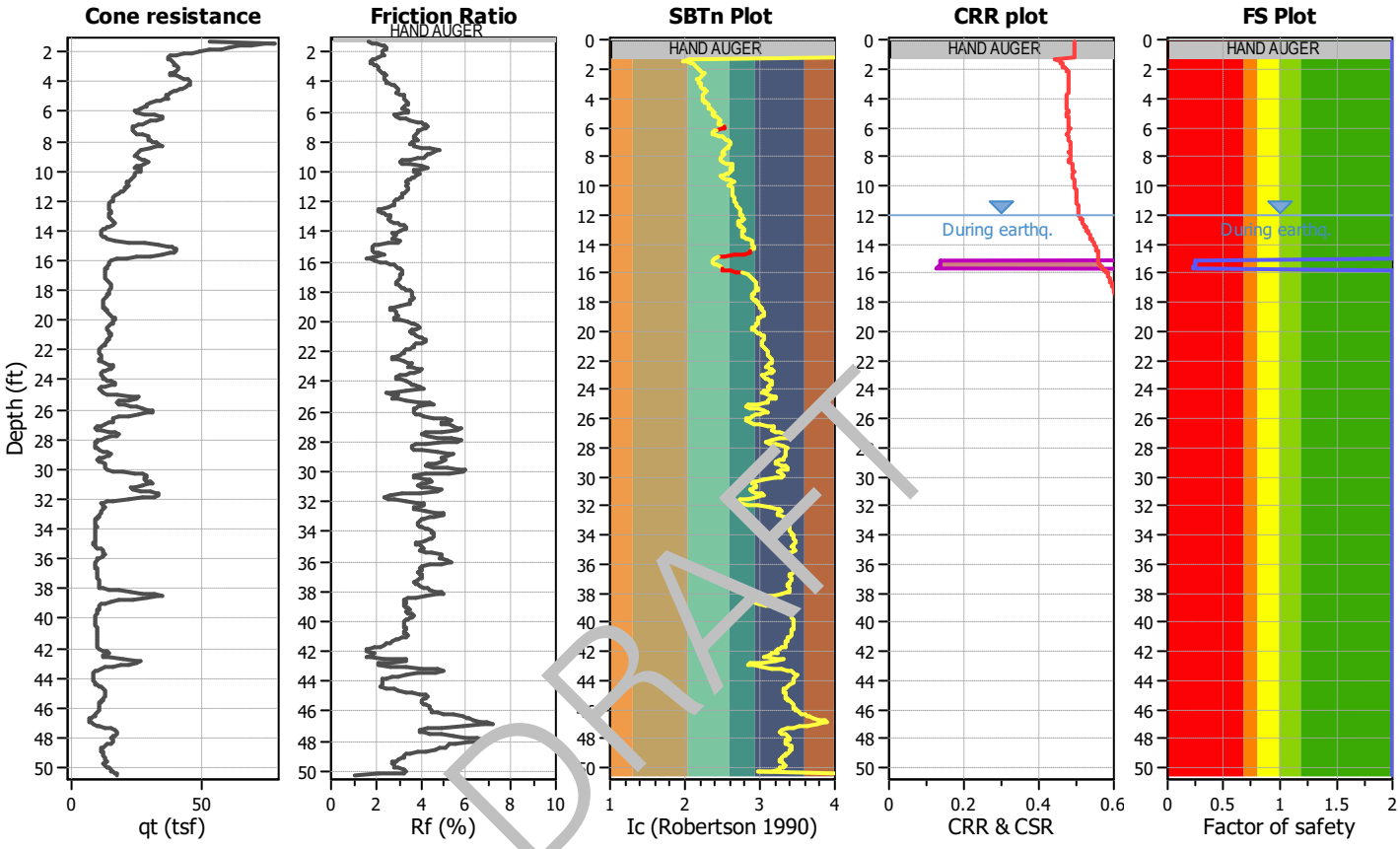
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-12

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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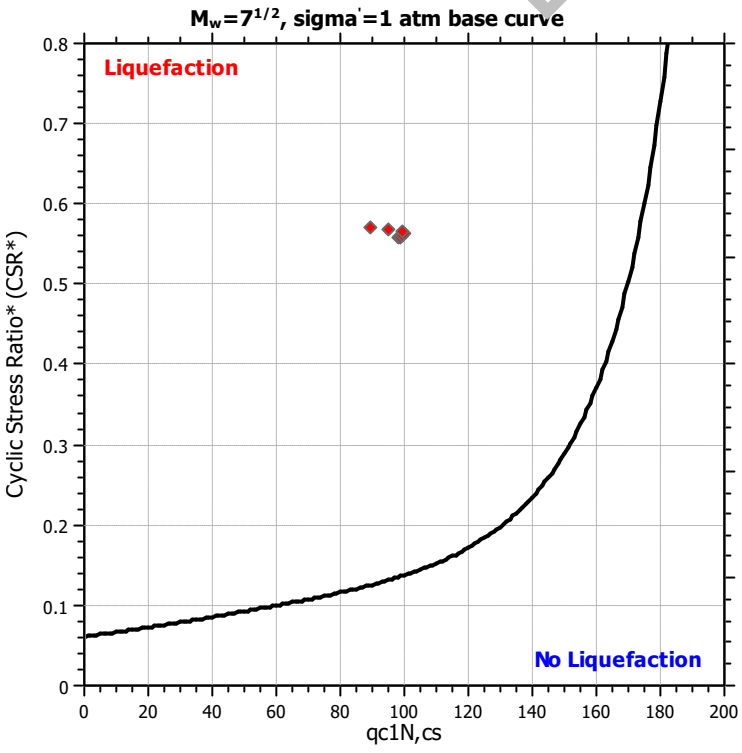
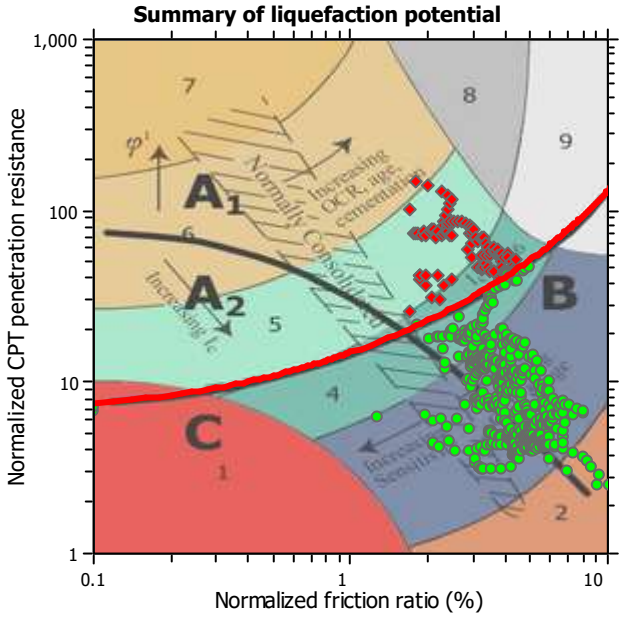
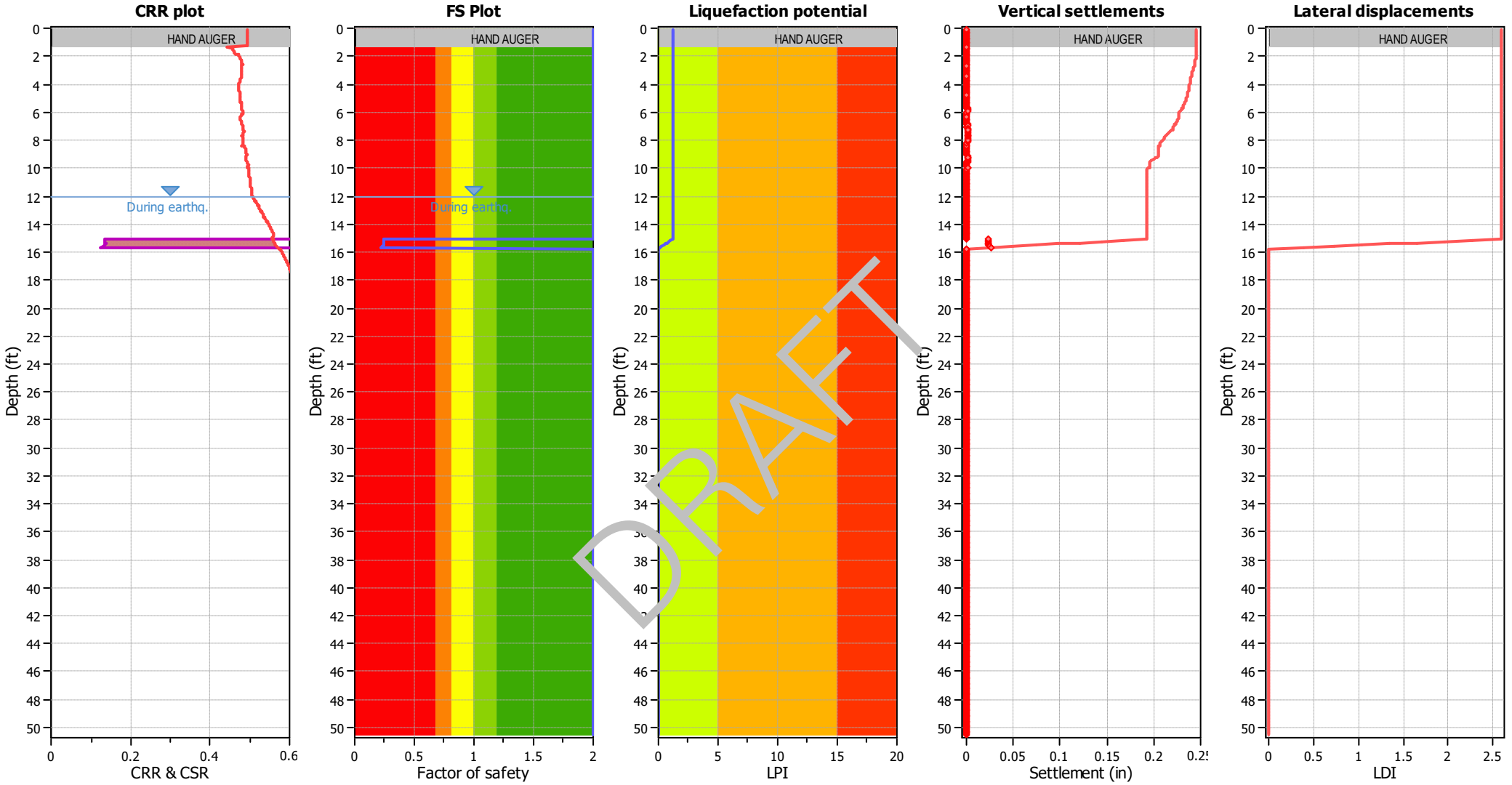




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



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Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-12, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.170	0
19	16	1.31	1.71	2.1	100.82	129.59	0	0	465	1	1	1	0	1	0	0.170	0
20	17	1.39	1.8	2.0	148.06	126.32	0	0	775	1	1	1	0	1	0	0.170	0
21	18	1.48	2.01	2.0	140.58	119.95	0	0	887	1	1	1	0	1	0	0.170	0
22	19	1.56	2.24	2.1	130.27	110.85	0	0	1005	1	1	1	0	1	0	0.170	0
23	20	1.64	2.4	2.1	121.93	100.36	0	0	1077	1	1	1	0	1	0	0.170	0
24	21	1.72	2.47	2.1	115.35	98.75	0	0	1078	1	1	1	0	1	0	0.170	0
25	22	1.8	2.42	2.2	109.05	94.14	0	0	968	1	1	1	0	1	0	0.170	0
26	23	1.89	2.36	2.2	101.05	84.43	0	0	841	1	1	1	0	1	0	0.170	0
27	24	1.97	2.32	2.2	93.62	78.7	0	0	744	1	1	1	0	1	0	0.170	0
28	25	2.05	2.3	2.2	87.48	75.56	0	0	675	1	1	1	0	1	0	0.170	0
29	26	2.13	2.32	2.2	81.94	69.14	0	0	637	1	1	1	0	1	0	0.170	0
30	27	2.21	2.34	2.3	75.47	64.82	0	0	588	1	1	1	0	1	0	0.170	0
31	28	2.3	2.26	2.3	71.83	59.24	0	0	515	1	1	1	0	1	0	0.170	0
32	29	2.38	2.13	2.2	70.24	59.99	0	0	446	1	1	1	0	1	0	0.170	0
33	30	2.46	1.97	2.2	70.9	60.84	0	0	390	1	1	1	0	1	0	0.170	0
34	31	2.54	1.88	2.2	71.8	60.93	0	0	365	1	1	1	0	1	0	0.170	0
35	32	2.62	1.8	2.2	72.89	62.31	0	0	345	1	1	1	0	1	0	0.170	0
36	33	2.71	1.76	2.2	74.04	63.65	0	0	339	1	1	1	0	1	0	0.170	0
37	34	2.79	1.82	2.2	74.69	63.89	0	0	362	1	1	1	0	1	0	0.170	0
38	35	2.87	1.93	2.2	75.2	63.97	0	0	404	1	1	1	0	1	0	0.170	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.04	2.2	75.89	64.86	0	0	451	1	1	1	0	1	0	0.170	0
40	37	3.03	2.08	2.2	76.96	65.58	0	0	476	1	1	1	0	1	0	0.170	0
41	38	3.12	2.08	2.2	77.8	66.62	0	0	482	1	1	1	0	1	0	0.170	0
42	39	3.2	2.11	2.2	77.55	67.07	0	0	494	1	1	1	0	1	0	0.170	0
43	40	3.28	2.18	2.2	76.04	65	0	0	514	1	1	1	0	1	0	0.170	0
44	41	3.36	2.32	2.3	73.17	62.83	0	0	556	1	1	1	0	1	0	0.170	0
45	42	3.44	2.42	2.3	71.61	59.79	0	0	592	1	1	1	0	1	0	0.170	0
46	43	3.53	2.46	2.3	72.22	61.07	0	0	620	1	1	1	0	1	0	0.170	0
47	44	3.61	2.4	2.3	75.57	64.44	0	0	621	1	1	1	0	1	0	0.170	0
48	45	3.69	2.37	2.2	79.09	68.36	0	0	638	1	1	1	0	1	0	0.170	0
49	46	3.77	2.37	2.2	82.05	70.1	0	0	667	1	1	1	0	1	0	0.170	0
50	47	3.85	2.4	2.2	84.03	72.02	0	0	704	1	1	1	0	1	0	0.170	0
51	48	3.94	2.44	2.2	85.63	73.44	0	0	746	1	1	1	0	1	0	0.170	0
52	49	4.02	2.5	2.2	86.33	74.22	0	0	795	1	1	1	0	1	0	0.170	0
53	50	4.1	2.59	2.2	86.52	73.83	0	0	863	1	1	1	0	1	0	0.170	0
54	51	4.18	2.7	2.3	85.87	73.96	0	0	942	1	1	1	0	1	0	0.170	0
55	52	4.26	2.81	2.3	84.34	72.59	0	0	1016	1	1	1	0	1	0	0.170	0
56	53	4.35	2.9	2.3	82.53	69.98	0	0	[illegible]	1	1	1	0	1	0	0.170	0
57	54	4.43	2.96	2.3	80.26	69.36	0	0	1[illegible]91	1	1	1	0	1	0	0.170	0
58	55	4.51	2.99	2.3	78.23	66.84	0	0	10[illegible]6	1	1	1	0	1	0	0.170	0
59	56	4.59	2.98	2.3	75.93	64.82	0	0	1039	1	1	1	0	1	0	0.170	0
60	57	4.68	2.93	2.3	74.01	63.54	0	0	[illegible]65	1	1	1	0	1	0	0.170	0
61	58	4.76	2.94	2.3	71.88	61.98	0	0	940	1	1	1	0	1	0	0.170	0
62	59	4.84	3.09	2.4	69.72	59.39	0	0	1031	1	1	0	0	1	0	0.170	0
63	60	4.92	3.25	2.4	68.75	58.06	0	0	1162	1	1	0	0	1	0	0.170	0
64	61	5	3.3	2.4	68.99	59.54	0	0	1218	1	1	0	0	1	0	0.170	0
65	62	5.09	3.26	2.4	69.29	60.01	0	0	1184	1	1	0	0	1	0	0.170	0
66	63	5.17	3.28	2.4	67.53	58.82	0	0	1167	1	1	0	0	1	0	0.170	0
67	64	5.25	3.36	2.4	64.28	55.04	0	0	1175	1	1	0	0	1	0	0.170	0
68	65	5.33	3.44	2.4	60.66	51.77	0	0	1170	1	1	0	0	1	0	0.170	0
69	66	5.41	3.45	2.5	57.31	49.62	0	0	1097	1	1	0	0	1	0	0.170	0
70	67	5.5	3.45	2.5	54.68	46.53	0	0	1033	1	1	0	0	1	0	0.170	0
71	68	5.58	3.34	2.5	54.31	45.08	0	0	933	1	1	0	0	1	0	0.170	0
72	69	5.66	3.25	2.5	54.26	48.68	0	0	863	1	1	0	0	1	0	0.170	0
73	70	5.74	3.21	2.5	53.27	46.37	0	0	814	1	1	0	0	1	0	0.170	0
74	71	5.82	3.32	2.5	49.62	42.52	0	0	814	1	1	0	0	1	0	0.170	0
75	72	5.91	3.44	2.5	46.61	39.39	0	0	828	1	1	0	0	1	0	0.170	0
76	73	5.99	3.49	2.5	44.78	38.7	0	0	818	1	1	0	0	1	0	0.170	0
77	74	6.07	3.27	2.5	47.15	37.87	0	0	728	1	1	0	0	1	0	0.170	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.97	2.4	52.74	44.73	0	0	654	1	1	1	0	1	0	0.170	0
79	76	6.23	2.84	2.4	59.29	51.04	0	0	679	1	1	1	0	1	0	0.170	0
80	77	6.32	2.93	2.4	64.23	52.13	0	0	812	1	1	1	0	1	0	0.170	0
81	78	6.4	3.13	2.4	65.87	54.74	0	0	995	1	1	0	0	1	0	0.170	0
82	79	6.48	3.33	2.4	65.3	53.65	0	0	1168	1	1	0	0	1	0	0.170	0
83	80	6.56	3.59	2.4	61.6	49.92	0	0	1353	1	1	0	0	1	0	0.170	0
84	81	6.64	3.89	2.5	57.08	45.85	0	0	1577	1	1	0	0	1	0	0.170	0
85	82	6.73	4.11	2.5	53.39	43	0	0	1734	1	1	0	0	1	0	0.170	0
86	83	6.81	4.21	2.6	50.47	41.08	0	0	1747	1	1	0	0	1	0	0.170	0
87	84	6.89	4.29	2.6	47.67	38.76	0	0	1727	1	1	0	0	1	0	0.170	0
88	85	6.97	4.33	2.6	45.28	36.28	0	0	1662	1	0	0	0	1	0	0.170	0
89	86	7.05	4.32	2.6	43.63	35.31	0	0	1566	1	0	0	0	1	0	0.170	0
90	87	7.14	4.17	2.6	43.44	34.63	0	0	1378	1	0	0	0	1	0	0.170	0
91	88	7.22	4.03	2.6	43.36	35.33	0	0	1225	1	1	0	0	1	0	0.170	0
92	89	7.3	3.96	2.6	43.59	34.63	0	0	1165	1	1	0	0	1	0	0.170	0
93	90	7.38	3.91	2.6	44.53	34.6	0	0	1152	1	1	0	0	1	0	0.170	0
94	91	7.46	3.87	2.6	47.14	36.82	0	0	1205	1	1	0	0	1	0	0.170	0
95	92	7.55	3.84	2.5	50.46	39.64	0	0	[illegible]	1	1	0	0	1	0	0.170	0
96	93	7.63	3.76	2.5	54.54	41.1	0	0	1[illegible]35	1	1	0	0	1	0	0.170	0
97	94	7.71	3.78	2.5	55.09	44.87	0	0	13[illegible]6	1	1	0	0	1	0	0.170	0
98	95	7.79	3.84	2.5	54.97	41.24	0	0	1442	1	1	0	0	1	0	0.170	0
99	96	7.87	3.95	2.5	53.48	41.07	0	0	[illegible]24	1	1	0	0	1	0	0.170	0
100	97	7.96	3.81	2.5	54.36	41.52	0	0	1386	1	1	0	0	1	0	0.170	0
101	98	8.04	3.65	2.5	55.79	44.02	0	0	1254	1	1	0	0	1	0	0.170	0
102	99	8.12	3.58	2.5	57.65	45.3	0	0	1234	1	1	0	0	1	0	0.170	0
103	100	8.2	3.7	2.5	58.63	46.5	0	0	1394	1	1	0	0	1	0	0.170	0
104	101	8.28	3.75	2.5	60.04	46.35	0	0	1498	1	1	0	0	1	0	0.170	0
105	102	8.37	4.1	2.5	56.38	48.71	0	0	1845	1	1	0	0	1	0	0.170	0
106	103	8.45	4.42	2.6	52.6	37.33	0	0	2187	1	1	0	0	1	0	0.170	0
107	104	8.53	4.93	2.6	47.1	37.07	0	0	2833	1	0	0	0	1	0	0.170	0
108	105	8.61	4.82	2.6	45.94	35.42	0	0	2510	1	0	0	0	1	0	0.170	0
109	106	8.69	4.68	2.6	44.71	35.14	0	0	2164	1	0	0	0	1	0	0.170	0
110	107	8.78	4.46	2.6	43.78	34.8	0	0	1762	1	0	0	0	1	0	0.170	0
111	108	8.86	4.35	2.6	42.96	34.03	0	0	1570	1	0	0	0	1	0	0.170	0
112	109	8.94	4.29	2.6	41.48	33.7	0	0	1423	1	0	0	0	1	0	0.170	0
113	110	9.02	4.17	2.6	41.37	31.69	0	0	1286	1	0	0	0	1	0	0.170	0
114	111	9.1	3.9	2.6	42.24	34.26	0	0	1061	1	1	0	0	1	0	0.170	0
115	112	9.19	3.58	2.6	43.72	36.57	0	0	853	1	1	0	0	1	0	0.170	0
116	113	9.27	3.22	2.5	45.27	36.27	0	0	660	1	1	0	0	1	0	0.170	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.11	2.5	46.51	39.2	0	0	623	1	1	0	0	1	0	0.170	0
118	115	9.43	3.24	2.5	46.67	40.17	0	0	700	1	1	0	0	1	0	0.170	0
119	116	9.51	3.62	2.5	44.72	36.57	0	0	910	1	1	0	0	1	0	0.170	0
120	117	9.6	4.09	2.6	41.43	33.75	0	0	1207	1	0	0	0	1	0	0.170	0
121	118	9.68	4.4	2.7	39.11	31.43	0	0	1428	1	0	0	0	1	0	0.170	0
122	119	9.76	4.43	2.7	38.75	30.61	0	0	1443	1	0	0	0	1	0	0.170	0
123	120	9.84	4.03	2.6	40.67	33.07	0	0	1119	1	0	0	0	1	0	0.170	0
124	121	9.92	3.81	2.6	41.1	36.94	0	0	947	1	1	0	0	1	0	0.170	0
125	122	10.01	3.8	2.6	40.18	32.46	0	0	909	1	1	0	0	1	0	0.170	0
126	123	10.09	4.04	2.6	37.94	31.07	0	0	1019	1	0	0	0	1	0	0.170	0
127	124	10.17	4.04	2.6	36.93	31.27	0	0	978	1	0	0	0	1	0	0.170	0
128	125	10.25	3.91	2.6	36.42	30.13	0	0	860	1	0	0	0	1	0	0.170	0
129	126	10.33	3.79	2.6	35.56	30.17	0	0	751	1	0	0	0	1	0	0.170	0
130	127	10.42	3.67	2.6	35.2	29.53	0	0	669	1	0	0	0	1	0	0.170	0
131	128	10.5	3.58	2.6	34.41	29.6	0	0	599	1	0	0	0	1	0	0.170	0
132	129	10.58	3.48	2.6	33.36	28.5	0	0	524	1	0	0	0	1	0	0.170	0
133	130	10.66	3.47	2.6	31.9	27.19	0	0	483	1	0	0	0	1	0	0.170	0
134	131	10.74	3.52	2.7	30.93	26.03	0	0	479	1	0	0	0	1	0	0.170	0
135	132	10.83	3.52	2.7	30.67	26.04	0	0	472	1	0	0	0	1	0	0.170	0
136	133	10.91	3.47	2.7	30.81	26.63	0	0	4[illegible]6	1	0	0	0	1	0	0.170	0
137	134	10.99	3.49	2.7	30.28	26.64	0	0	450	1	0	0	0	1	0	0.170	0
138	135	11.07	3.54	2.7	29.66	24.91	0	0	453	1	0	0	0	1	0	0.170	0
139	136	11.15	3.58	2.7	28.66	25.13	0	0	442	1	0	0	0	1	0	0.170	0
140	137	11.24	3.5	2.7	27.93	24.15	0	0	394	1	0	0	0	1	0	0.170	0
141	138	11.32	3.41	2.7	27.07	23.16	0	0	345	1	0	0	0	1	0	0.170	0
142	139	11.4	3.33	2.7	25.84	23.13	0	0	295	1	0	0	0	1	0	0.170	0
143	140	11.48	3.27	2.7	24.6	21.1	0	0	254	1	0	0	0	1	0	0.170	0
144	141	11.56	3.28	2.7	23.01	20.06	0	0	223	1	0	0	0	1	0	0.170	0
145	142	11.65	3.26	2.7	22.16	19.05	0	0	201	1	0	0	0	1	0	0.170	0
146	143	11.73	3.24	2.8	21.53	19.03	0	0	185	1	0	0	0	1	0	0.170	0
147	144	11.81	3.13	2.7	21.3	18.55	0	0	164	1	0	0	0	1	0	0.170	0
148	145	11.89	3.03	2.7	20.88	18.65	0	0	143	1	0	0	0	1	0	0.170	0
149	146	11.97	2.95	2.7	20.48	18.14	0	0	127	1	0	1	0	1	0	0.170	0
150	147	12.06	2.9	2.8	19.73	17.72	0	0	111	1	0	1	0	1	0	0.170	0
151	148	12.14	2.91	2.8	18.91	16.72	0	0	99	1	0	1	0	1	0	0.170	0
152	149	12.22	2.95	2.8	18.24	15.98	0	0	92	1	0	1	0	1	0	0.170	0
153	150	12.3	2.84	2.8	18.09	15.86	0	0	81	1	0	1	0	1	0	0.170	0
154	151	12.38	2.64	2.8	18.16	16.4	0	0	69	1	0	1	1	1	0	0.170	0
155	152	12.47	2.29	2.7	18.26	16.35	0	0	51	1	0	1	1	1	0	0.170	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.19	2.7	18.2	16.44	0	0	46	1	0	1	1	1	0	0.170	0
157	154	12.63	2.23	2.7	18.36	16.44	0	0	50	1	0	1	1	1	0	0.170	0
158	155	12.71	2.41	2.7	18.51	16.81	0	0	60	1	0	1	1	1	0	0.170	0
159	156	12.8	2.49	2.7	18.46	16.81	0	0	64	1	0	1	1	1	0	0.170	0
160	157	12.88	2.63	2.8	17.89	16.4	0	0	65	1	0	1	1	1	0	0.170	0
161	158	12.96	2.74	2.8	17.39	15.36	0	0	65	1	0	1	1	1	0	0.170	0
162	159	13.04	2.78	2.8	17.17	15.46	0	0	64	1	0	1	1	1	0	0.170	0
163	160	13.12	2.73	2.8	17.67	15.79	0	0	68	1	0	1	1	1	0	0.170	0
164	161	13.21	2.69	2.8	18.25	16.73	0	0	73	1	0	1	1	1	0	0.170	0
165	162	13.29	2.81	2.8	18.73	17.25	0	0	88	1	0	1	0	1	0	0.170	0
166	163	13.37	2.96	2.8	19.13	17.26	0	0	107	1	0	1	0	1	0	0.170	0
167	164	13.45	3.12	2.8	19.49	18.05	0	0	129	1	0	0	0	1	0	0.170	0
168	165	13.53	3.24	2.8	19.52	18.36	0	0	144	1	0	0	0	1	0	0.170	0
169	166	13.62	3.38	2.8	18.53	17.54	0	0	139	1	0	0	0	1	0	0.170	0
170	167	13.7	3.51	2.9	17.08	15.51	0	0	118	1	0	0	0	1	0	0.170	0
171	168	13.78	3.54	2.9	15.58	14.56	0	0	81	1	0	0	0	1	0	0.170	0
172	169	13.86	3.42	2.9	14.5	13.57	0	0	48	1	0	0	1	1	0	0.170	0
173	170	13.94	3.25	2.9	13.73	12.64	0	0	35	1	0	0	1	1	0	0.170	0
174	171	14.03	3.08	2.9	13.22	12.45	0	0	13	1	0	0	1	1	0	0.170	0
175	172	14.11	2.97	2.9	12.92	12.14	0	0	7	1	0	1	1	1	0	0.170	0
176	173	14.19	2.99	2.9	12.55	11.85	0	0	1	1	0	1	1	1	0	0.170	0
177	174	14.27	3.11	2.9	12.82	11.51	0	0	6	1	0	0	1	1	0	0.170	0
178	175	14.35	3	2.9	13.71	13.02	0	0	20	1	0	0	1	1	0	0.170	0
179	176	14.44	2.91	2.9	14.46	14.47	0	0	30	1	0	1	1	1	0	0.170	0
180	177	14.52	3	2.9	14.63	13.77	0	0	36	1	0	0	1	1	0	0.170	0
181	178	14.6	3.28	2.9	15.42	13.67	0	0	62	1	0	0	1	1	0	0.170	0
182	179	14.68	3.14	2.8	18.39	16.72	0	0	111	1	0	0	0	1	0	0.170	0
183	180	14.76	2.67	2.7	23.73	22.24	0	0	140	1	0	1	0	1	0	0.170	0
184	181	14.85	2.2	2.5	30.41	29.14	0	0	147	1	1	1	0	1	0	0.170	0
185	182	14.93	1.97	2.4	36.35	36.33	0	0	159	1	1	1	0	1	0	0.170	0
186	183	15.01	1.87	2.4	40.19	39.84	0	0	169	1	1	1	0	1	0	0.170	0
187	184	15.09	1.86	2.4	41.74	40.52	0.02	0.32	177	1	1	1	0	1	0	0.170	0
188	185	15.17	1.85	2.4	42.28	41.01	0.02	0.31	178	1	1	1	0	1	0	0.150	0
189	186	15.26	1.87	2.4	42.46	41.59	0.02	0.31	183	1	1	1	0	1	0	0.130	0
190	187	15.34	1.97	2.4	42.35	41.2	0.02	0.31	199	1	1	1	0	1	0	0.110	0
191	188	15.42	2.18	2.4	41.61	40.78	0.02	0.31	235	1	1	1	0	1	0	0.090	0
192	189	15.5	2.46	2.5	39.85	39.44	0.02	0.31	284	1	1	1	0	1	0	0.070	0
193	190	15.58	2.31	2.5	36.45	36.11	0.02	0.34	218	1	1	1	0	1	0	0.050	0
194	191	15.67	2.07	2.5	31.26	31.35	0.03	0.39	137	1	1	1	0	1	0	0.030	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	1.68	2.5	26.01	24.82	0	0	69	1	1	1	1	1	0	0.000	0
196	193	15.83	1.84	2.6	21.62	21.3	0	0	54	1	0	1	1	1	0	0.000	0
197	194	15.91	2.05	2.7	17.97	18.68	0	0	39	1	0	1	1	1	0	0.000	0
198	195	15.99	2.29	2.8	15.55	13.89	0	0	27	1	0	1	1	1	0	0.000	0
199	196	16.08	2.63	2.8	14.07	13.78	0	0	19	1	0	1	1	1	0	0.000	0
200	197	16.16	2.87	2.9	14.06	13.84	0	0	23	1	0	1	1	1	0	0.000	0
201	198	16.24	3.01	2.9	14.03	13.72	0	0	26	1	0	0	1	1	0	0.000	0
202	199	16.32	3.11	2.9	13.88	13.73	0	0	25	1	0	0	1	1	0	0.000	0
203	200	16.4	3.19	2.9	13.58	13.56	0	0	21	1	0	0	1	1	0	0.000	0
204	201	16.49	3.29	2.9	13.16	13.14	0	0	14	1	0	0	1	1	0	0.000	0
205	202	16.57	3.36	2.9	12.74	12.85	0	0	5	1	0	0	1	1	0	0.000	0
206	203	16.65	3.44	3.0	12.49	12.61	0	0	0	1	0	0	1	1	0	0.000	0
207	204	16.73	3.46	3.0	12.35	12.57	0	0	-4	1	0	0	1	1	0	0.000	0
208	205	16.81	3.42	3.0	12.25	12.54	0	0	-6	1	0	0	1	1	0	0.000	0
209	206	16.9	3.34	3.0	12.13	12.41	0	0	-8	1	0	0	1	1	0	0.000	0
210	207	16.98	3.31	3.0	12	12.29	0	0	-11	1	0	0	1	1	0	0.000	0
211	208	17.06	3.35	3.0	11.75	12.22	0	0	-17	1	0	0	1	1	0	0.000	0
212	209	17.14	3.32	3.0	11.79	11.71	0	0	-16	1	0	0	1	1	0	0.000	0
213	210	17.22	3.24	3.0	11.99	12.43	0	0	10	1	0	0	1	1	0	0.000	0
214	211	17.31	3.15	2.9	12.55	12.85	0	0	1	1	0	0	1	1	0	0.000	0
215	212	17.39	3.13	2.9	12.97	13.41	0	0	9	1	0	0	1	1	0	0.000	0
216	213	17.47	3.15	2.9	13.34	13.72	0	0	16	1	0	0	1	1	0	0.000	0
217	214	17.55	3.19	2.9	13.69	14	0	0	23	1	0	0	1	1	0	0.000	0
218	215	17.63	3.27	2.9	13.98	14.5	0	0	31	1	0	0	1	1	0	0.000	0
219	216	17.72	3.36	2.9	14.12	14.7	0	0	37	1	0	0	1	1	0	0.000	0
220	217	17.8	3.49	2.9	13.93	14.57	0	0	36	1	0	0	1	1	0	0.000	0
221	218	17.88	3.62	2.9	13.58	14.12	0	0	31	1	0	0	1	1	0	0.000	0
222	219	17.96	3.73	3.0	13.18	13.82	0	0	21	1	0	0	1	1	0	0.000	0
223	220	18.04	3.85	3.0	12.88	13.51	0	0	13	1	0	0	1	1	0	0.000	0
224	221	18.13	3.88	3.0	12.65	13.3	0	0	5	1	0	0	1	1	0	0.000	0
225	222	18.21	3.9	3.0	12.41	13.21	0	0	-3	1	0	0	1	1	0	0.000	0
226	223	18.29	3.91	3.0	12.08	12.91	0	0	-15	1	0	0	1	1	0	0.000	0
227	224	18.37	3.96	3.0	11.67	12.42	0	0	-31	1	0	0	1	1	0	0.000	0
228	225	18.45	3.98	3.0	11.29	12.09	0	0	-46	1	0	0	1	1	0	0.000	0
229	226	18.54	3.92	3.0	10.9	11.8	0	0	-58	1	0	0	1	1	0	0.000	0
230	227	18.62	3.86	3.0	10.53	11.27	0	0	-68	1	0	0	1	1	0	0.000	0
231	228	18.7	3.87	3.1	10.26	10.99	0	0	-78	1	0	0	1	1	0	0.000	0
232	229	18.78	3.87	3.1	10.19	11.01	0	0	-80	1	0	0	1	1	0	0.000	0
233	230	18.86	3.72	3.0	10.21	11.07	0	0	-70	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.4	3.0	10.18	11.07	0	0	-54	1	0	0	1	1	0	0.000	0
235	232	19.03	3.01	3.0	10.09	10.97	0	0	-41	1	0	0	1	1	0	0.000	0
236	233	19.11	2.87	3.0	10.04	10.87	0	0	-37	1	0	1	1	1	0	0.000	0
237	234	19.19	2.91	3.0	10.32	11	0	0	-34	1	0	1	1	1	0	0.000	0
238	235	19.27	3.09	3.0	10.71	11.69	0	0	-32	1	0	0	1	1	0	0.000	0
239	236	19.36	3.13	3.0	11.12	12.09	0	0	-26	1	0	0	1	1	0	0.000	0
240	237	19.44	3.12	3.0	11.37	12.23	0	0	-21	1	0	0	1	1	0	0.000	0
241	238	19.52	3.18	3.0	11.61	12.56	0	0	-17	1	0	0	1	1	0	0.000	0
242	239	19.6	3.23	3.0	11.97	12.79	0	0	-11	1	0	0	1	1	0	0.000	0
243	240	19.68	3.17	2.9	12.54	13.29	0	0	1	1	0	0	1	1	0	0.000	0
244	241	19.77	3.04	2.9	13.07	14.35	0	0	10	1	0	0	1	1	0	0.000	0
245	242	19.85	3.06	2.9	13.36	14.52	0	0	15	1	0	0	1	1	0	0.000	0
246	243	19.93	3.33	2.9	13.29	14.29	0	0	17	1	0	0	1	1	0	0.000	0
247	244	20.01	3.64	3.0	13.12	14.19	0	0	18	1	0	0	1	1	0	0.000	0
248	245	20.09	3.87	3.0	12.97	14.12	0	0	16	1	0	0	1	1	0	0.000	0
249	246	20.18	4	3.0	12.64	14.03	0	0	5	1	0	0	1	1	0	0.000	0
250	247	20.26	4.2	3.0	12.08	13.46	0	0	-19	1	0	0	1	1	0	0.000	0
251	248	20.34	4.32	3.0	11.53	12.56	0	0	-49	1	0	0	1	1	0	0.000	0
252	249	20.42	4.31	3.1	11.05	12.44	0	0	-72	1	0	0	1	1	0	0.000	0
253	250	20.5	4.12	3.1	10.79	12	0	0	-73	1	0	0	1	1	0	0.000	0
254	251	20.59	3.91	3.0	10.63	11.77	0	0	-67	1	0	0	1	1	0	0.000	0
255	252	20.67	3.84	3.0	10.61	11.93	0	0	-64	1	0	0	1	1	0	0.000	0
256	253	20.75	3.9	3.0	10.79	11.94	0	0	-61	1	0	0	1	1	0	0.000	0
257	254	20.83	4.03	3.0	11.09	12.33	0	0	-56	1	0	0	1	1	0	0.000	0
258	255	20.92	4.13	3.0	11.39	12.91	0	0	-48	1	0	0	1	1	0	0.000	0
259	256	21	4.27	3.0	11.54	13.12	0	0	-46	1	0	0	1	1	0	0.000	0
260	257	21.08	4.38	3.1	11.48	13.04	0	0	-54	1	0	0	1	1	0	0.000	0
261	258	21.16	4.54	3.1	11.15	12.94	0	0	-81	1	0	0	1	1	0	0.000	0
262	259	21.24	4.58	3.1	10.81	12.06	0	0	-105	1	0	0	1	1	0	0.000	0
263	260	21.33	4.65	3.1	10.23	12.02	0	0	-149	1	0	0	1	1	0	0.000	0
264	261	21.41	4.45	3.1	9.92	11.11	0	0	-144	1	0	0	1	1	0	0.000	0
265	262	21.49	4.2	3.1	9.56	11.11	0	0	-134	1	0	0	1	1	0	0.000	0
266	263	21.57	4.05	3.1	9.36	10.9	0	0	-127	1	0	0	1	1	0	0.000	0
267	264	21.65	4.08	3.1	9.08	10.47	0	0	-141	1	0	0	1	1	0	0.000	0
268	265	21.74	4.06	3.1	8.66	10.22	0	0	-156	1	0	0	1	1	0	0.000	0
269	266	21.82	3.94	3.1	8.16	9.59	0	0	-160	1	0	0	1	1	0	0.000	0
270	267	21.9	3.75	3.2	7.62	8.93	0	0	-154	1	0	0	1	1	0	0.000	0
271	268	21.98	3.68	3.2	7.25	8.57	0	0	-156	1	0	0	1	1	0	0.000	0
272	269	22.06	3.68	3.2	7.17	8.42	0	0	-158	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.63	3.2	7.24	8.62	0	0	-150	1	0	0	1	1	0	0.000	0
274	271	22.23	3.45	3.1	7.46	8.74	0	0	-123	1	0	0	1	1	0	0.000	0
275	272	22.31	3.17	3.1	7.69	9.1	0	0	-93	1	0	0	1	1	0	0.000	0
276	273	22.39	3.05	3.1	7.86	9.38	0	0	-81	1	0	0	1	1	0	0.000	0
277	274	22.47	3.11	3.1	7.85	9.37	0	0	-85	1	0	0	1	1	0	0.000	0
278	275	22.56	3.38	3.1	7.66	9.09	0	0	-112	1	0	0	1	1	0	0.000	0
279	276	22.64	3.66	3.2	7.45	8.78	0	0	-148	1	0	0	1	1	0	0.000	0
280	277	22.72	3.91	3.2	7.34	8.72	0	0	-186	1	0	0	1	1	0	0.000	0
281	278	22.8	4.01	3.2	7.72	8.75	0	0	-187	1	0	0	1	1	0	0.000	0
282	279	22.88	3.88	3.1	8.75	10.03	0	0	-132	1	0	0	1	1	0	0.000	0
283	280	22.97	3.77	3.1	10.14	12.06	0	0	-76	1	0	0	1	1	0	0.000	0
284	281	23.05	3.91	3.0	10.85	13.45	0	0	-59	1	0	0	1	1	0	0.000	0
285	282	23.13	4.24	3.1	10.82	12.68	0	0	-79	1	0	0	1	1	0	0.000	0
286	283	23.21	4.46	3.1	10.3	12.3	0	0	-124	1	0	0	1	1	0	0.000	0
287	284	23.29	4.37	3.1	9.69	11.9	0	0	-147	1	0	0	1	1	0	0.000	0
288	285	23.38	4.14	3.1	8.87	10.73	0	0	-158	1	0	0	1	1	0	0.000	0
289	286	23.46	3.98	3.2	7.96	9.58	0	0	-173	1	0	0	1	1	0	0.000	0
290	287	23.54	3.77	3.2	7.37	8.75	0	0	-64	1	0	0	1	1	0	0.000	0
291	288	23.62	3.46	3.2	7.15	8.61	0	0	-32	1	0	0	1	1	0	0.000	0
292	289	23.7	3.26	3.1	7.33	8.67	0	0	-10	1	0	0	1	1	0	0.000	0
293	290	23.79	3.25	3.1	7.66	9.22	0	0	-100	1	0	0	1	1	0	0.000	0
294	291	23.87	3.45	3.1	7.92	9.64	0	0	-12	1	0	0	1	1	0	0.000	0
295	292	23.95	3.71	3.1	8.15	9.53	0	0	-133	1	0	0	1	1	0	0.000	0
296	293	24.03	3.92	3.1	8.73	10.07	0	0	-137	1	0	0	1	1	0	0.000	0
297	294	24.11	3.91	3.1	9.94	11.67	0	0	-92	1	0	0	1	1	0	0.000	0
298	295	24.2	3.9	3.0	10.97	13.72	0	0	-55	1	0	0	1	1	0	0.000	0
299	296	24.28	4.03	3.0	10.88	13.92	0	0	-64	1	0	0	1	1	0	0.000	0
300	297	24.36	4.35	3.1	9.7	11.8	0	0	-144	1	0	0	1	1	0	0.000	0
301	298	24.44	4.65	3.2	8.19	10.04	0	0	-283	1	0	0	1	1	0	0.000	0
302	299	24.52	4.58	3.2	7.16	8.84	0	0	-331	1	0	0	1	1	0	0.000	0
303	300	24.61	3.87	3.2	6.77	8.23	0	0	-199	1	0	0	1	1	0	0.000	0
304	301	24.69	3.12	3.1	6.92	8.54	0	0	-103	1	0	0	1	1	0	0.000	0
305	302	24.77	2.78	3.1	7.23	9.23	0	0	-73	1	0	1	1	1	0	0.000	0
306	303	24.85	3.12	3.1	7.53	9.2	0	0	-92	1	0	0	1	1	0	0.000	0
307	304	24.93	3.3	3.1	8.55	9.54	0	0	-85	1	0	0	1	1	0	0.000	0
308	305	25.02	3.11	3.0	11.16	12.56	0	0	-25	1	0	0	1	1	0	0.000	0
309	306	25.1	2.88	2.9	14.8	18.03	0	0	35	1	0	1	1	1	0	0.000	0
310	307	25.18	3.13	2.8	17.08	22.54	0	0	85	1	0	0	0	1	0	0.000	0
311	308	25.26	3.55	2.9	16.47	20.95	0	0	106	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	4.21	3.0	14.07	16.67	0	0	72	1	0	0	1	1	0	0.000	0
313	310	25.43	4.75	3.1	11.9	14.25	0	0	-43	1	0	0	1	1	0	0.000	0
314	311	25.51	5.02	3.1	11.07	13.38	0	0	-126	1	0	0	1	1	0	0.000	0
315	312	25.59	4.72	3.1	11.68	13.74	0	0	-57	1	0	0	1	1	0	0.000	0
316	313	25.67	4.2	3.0	13.04	16.28	0	0	25	1	0	0	1	1	0	0.000	0
317	314	25.75	3.99	2.9	14.67	18.13	0	0	83	1	0	0	0	1	0	0.000	0
318	315	25.84	3.93	2.9	16.4	19.57	0	0	143	1	0	0	0	1	0	0.000	0
319	316	25.92	3.92	2.9	17.99	22.52	0	0	199	1	0	0	0	1	0	0.000	0
320	317	26	3.83	2.8	19.55	23.84	0	0	237	1	0	0	0	1	0	0.000	0
321	318	26.08	3.85	2.8	20.3	25.14	0	0	267	1	0	0	0	1	0	0.000	0
322	319	26.16	3.94	2.8	20.24	25.22	0	0	285	1	0	0	0	1	0	0.000	0
323	320	26.25	4.12	2.9	18.93	23.8	0	0	275	1	0	0	0	1	0	0.000	0
324	321	26.33	4.41	2.9	16.73	20.66	0	0	229	1	0	0	0	1	0	0.000	0
325	322	26.41	4.93	3.0	13.95	17.45	0	0	119	1	0	0	0	1	0	0.000	0
326	323	26.49	5.51	3.1	11.6	13.99	0	0	-116	1	0	0	1	1	0	0.000	0
327	324	26.57	5.93	3.2	10.01	12.36	0	0	-440	1	0	0	1	1	0	0.000	0
328	325	26.66	5.62	3.2	9.61	11.87	0	0	-404	1	0	0	1	1	0	0.000	0
329	326	26.74	5.41	3.2	9.6	12.57	0	0	-45	1	0	0	1	1	0	0.000	0
330	327	26.82	5.48	3.2	9.52	12.3	0	0	-74	1	0	0	1	1	0	0.000	0
331	328	26.9	5.88	3.2	8.9	11.58	0	0	-6.3	1	0	0	1	1	0	0.000	0
332	329	26.98	6.14	3.3	7.86	10.43	0	0	-960	1	0	0	1	1	0	0.000	0
333	330	27.07	6.5	3.3	6.69	8.68	0	0	-1768	1	0	0	1	1	0	0.000	0
334	331	27.15	6.88	3.4	5.7	7.48	0	0	-2420	1	0	0	1	1	0	0.000	0
335	332	27.23	6.8	3.4	5.16	6.96	0	0	-2466	1	0	0	1	1	0	0.000	0
336	333	27.31	5.88	3.4	5.47	6.76	0	0	-1197	1	0	0	1	1	0	0.000	0
337	334	27.39	4.89	3.3	6.7	8.45	0	0	-460	1	0	0	1	1	0	0.000	0
338	335	27.48	4.5	3.2	8.6	11.17	0	0	-227	1	0	0	1	1	0	0.000	0
339	336	27.56	4.45	3.1	10.34	13.37	0	0	-121	1	0	0	1	1	0	0.000	0
340	337	27.64	4.7	3.1	10.97	14.74	0	0	-104	1	0	0	1	1	0	0.000	0
341	338	27.72	5.27	3.1	10.33	13.65	0	0	-232	1	0	0	1	1	0	0.000	0
342	339	27.8	5.99	3.2	8.89	11.32	0	0	-667	1	0	0	1	1	0	0.000	0
343	340	27.89	6.61	3.3	7.37	9.74	0	0	-1501	1	0	0	1	1	0	0.000	0
344	341	27.97	6.51	3.4	6.3	8.29	0	0	-1686	1	0	0	1	1	0	0.000	0
345	342	28.05	5.91	3.4	5.59	7.58	0	0	-1203	1	0	0	1	1	0	0.000	0
346	343	28.13	5.07	3.4	5.29	7.2	0	0	-659	1	0	0	1	1	0	0.000	0
347	344	28.21	4.6	3.3	5.11	7.2	0	0	-466	1	0	0	1	1	0	0.000	0
348	345	28.3	4.39	3.3	4.98	6.91	0	0	-400	1	0	0	1	1	0	0.000	0
349	346	28.38	4.35	3.4	4.84	6.67	0	0	-395	1	0	0	1	1	0	0.000	0
350	347	28.46	4.37	3.4	4.79	6.67	0	0	-404	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.48	3.4	4.95	6.66	0	0	-432	1	0	0	1	1	0	0.000	0
352	349	28.63	4.82	3.3	5.38	7.17	0	0	-534	1	0	0	1	1	0	0.000	0
353	350	28.71	5.55	3.3	6.08	8.11	0	0	-850	1	0	0	1	1	0	0.000	0
354	351	28.79	6.09	3.3	7	9.08	0	0	-1096	1	0	0	1	1	0	0.000	0
355	352	28.87	6.2	3.3	7.89	10.5	0	0	-997	1	0	0	1	1	0	0.000	0
356	353	28.95	5.79	3.2	8.61	11.42	0	0	-619	1	0	0	1	1	0	0.000	0
357	354	29.04	5.53	3.2	8.52	11.82	0	0	-519	1	0	0	1	1	0	0.000	0
358	355	29.12	5.61	3.3	7.76	10.3	0	0	-657	1	0	0	1	1	0	0.000	0
359	356	29.2	5.79	3.3	6.79	8.83	0	0	-908	1	0	0	1	1	0	0.000	0
360	357	29.28	6	3.4	5.99	8.41	0	0	-1213	1	0	0	1	1	0	0.000	0
361	358	29.36	5.87	3.4	5.56	7.47	0	0	-1172	1	0	0	1	1	0	0.000	0
362	359	29.45	5.57	3.4	5.62	7.3	0	0	-925	1	0	0	1	1	0	0.000	0
363	360	29.53	5.06	3.3	6.35	8.56	0	0	-558	1	0	0	1	1	0	0.000	0
364	361	29.61	4.88	3.2	7.11	9.98	0	0	-424	1	0	0	1	1	0	0.000	0
365	362	29.69	5.27	3.3	7.37	9.99	0	0	-548	1	0	0	1	1	0	0.000	0
366	363	29.77	5.97	3.3	7.25	9.53	0	0	-956	1	0	0	1	1	0	0.000	0
367	364	29.86	6.54	3.3	7.17	9.63	0	0	-1482	1	0	0	1	1	0	0.000	0
368	365	29.94	6.88	3.3	7.3	9.74	0	0	-1251	1	0	0	1	1	0	0.000	0
369	366	30.02	6.74	3.3	7.68	9.97	0	0	-1150	1	0	0	1	1	0	0.000	0
370	367	30.1	5.87	3.2	9.01	10.98	0	0	-570	1	0	0	1	1	0	0.000	0
371	368	30.18	4.65	3.1	11.47	14.51	0	0	-68	1	0	0	1	1	0	0.000	0
372	369	30.27	3.99	2.9	14.39	18.88	0	0	73	1	0	0	1	1	0	0.000	0
373	370	30.35	3.91	2.9	16.45	21.72	0	0	142	1	0	0	0	1	0	0.000	0
374	371	30.43	4.15	2.9	17.2	22.28	0	0	206	1	0	0	0	1	0	0.000	0
375	372	30.51	4.49	2.9	17.05	21.89	0	0	263	1	0	0	0	1	0	0.000	0
376	373	30.59	4.66	2.9	16.74	21.32	0	0	280	1	0	0	0	1	0	0.000	0
377	374	30.68	4.78	2.9	16.65	21.23	0	0	302	1	0	0	0	1	0	0.000	0
378	375	30.76	4.5	2.9	17.16	21.62	0	0	271	1	0	0	0	1	0	0.000	0
379	376	30.84	4.26	2.9	17.89	23.24	0	0	258	1	0	0	0	1	0	0.000	0
380	377	30.92	4.11	2.9	18.36	23.99	0	0	248	1	0	0	0	1	0	0.000	0
381	378	31	4.32	2.9	17.69	23.44	0	0	261	1	0	0	0	1	0	0.000	0
382	379	31.09	4.7	3.0	16.13	20.82	0	0	248	1	0	0	0	1	0	0.000	0
383	380	31.17	5.16	3.0	14.24	18.25	0	0	171	1	0	0	0	1	0	0.000	0
384	381	31.25	5.35	3.1	13.24	16.46	0	0	84	1	0	0	0	1	0	0.000	0
385	382	31.33	5.11	3.0	13.5	17.13	0	0	94	1	0	0	0	1	0	0.000	0
386	383	31.41	4.26	2.9	15.47	19.27	0	0	142	1	0	0	0	1	0	0.000	0
387	384	31.5	3.39	2.8	17.67	23.79	0	0	120	1	0	0	0	1	0	0.000	0
388	385	31.58	2.79	2.7	19.61	25.36	0	0	99	1	0	1	0	1	0	0.000	0
389	386	31.66	2.5	2.7	20.12	25.64	0	0	82	1	0	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	2.47	2.7	19.87	25.27	0	0	77	1	0	1	1	1	0	0.000	0
391	388	31.82	2.7	2.8	18.87	24.52	0	0	82	1	0	1	0	1	0	0.000	0
392	389	31.91	3.02	2.8	15.8	22.47	0	0	56	1	0	0	1	1	0	0.000	0
393	390	31.99	3.61	3.0	12.34	14.69	0	0	-4	1	0	0	1	1	0	0.000	0
394	391	32.07	4.32	3.1	8.92	11.68	0	0	-180	1	0	0	1	1	0	0.000	0
395	392	32.15	4.79	3.2	7.28	9.84	0	0	-383	1	0	0	1	1	0	0.000	0
396	393	32.23	4.87	3.3	6.42	8.71	0	0	-475	1	0	0	1	1	0	0.000	0
397	394	32.32	4.55	3.3	6.01	8.53	0	0	-393	1	0	0	1	1	0	0.000	0
398	395	32.4	4.37	3.3	6.21	8.31	0	0	-329	1	0	0	1	1	0	0.000	0
399	396	32.48	4.38	3.3	6.48	9.41	0	0	-318	1	0	0	1	1	0	0.000	0
400	397	32.56	4.45	3.2	6.75	9.52	0	0	-321	1	0	0	1	1	0	0.000	0
401	398	32.64	4.92	3.3	6.46	9.32	0	0	-491	1	0	0	1	1	0	0.000	0
402	399	32.73	5.56	3.3	6.09	8.38	0	0	-856	1	0	0	1	1	0	0.000	0
403	400	32.81	6.04	3.4	5.79	8.19	0	0	-1288	1	0	0	1	1	0	0.000	0
404	401	32.89	5.97	3.4	5.74	8.24	0	0	-1231	1	0	0	1	1	0	0.000	0
405	402	32.97	5.52	3.4	5.71	8.18	0	0	-879	1	0	0	1	1	0	0.000	0
406	403	33.05	5.25	3.3	5.56	8.07	0	0	-730	1	0	0	1	1	0	0.000	0
407	404	33.14	5.06	3.4	5.31	7.68	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
408	405	33.22	5	3.4	5	7.24	0	0	-[illegible]49	1	0	0	1	1	0	0.000	0
409	406	33.3	4.91	3.4	4.74	6.91	0	0	-6[illegible]5	1	0	0	1	1	0	0.000	0
410	407	33.38	4.83	3.4	4.58	6.71	0	0	-599	1	0	0	1	1	0	0.000	0
411	408	33.46	4.81	3.4	4.53	6.65	0	0	[illegible]94	1	0	0	1	1	0	0.000	0
412	409	33.55	4.84	3.4	4.52	6.7	0	0	-609	1	0	0	1	1	0	0.000	0
413	410	33.63	4.92	3.4	4.54	6.68	0	0	-647	1	0	0	1	1	0	0.000	0
414	411	33.71	5.05	3.4	4.56	6.73	0	0	-714	1	0	0	1	1	0	0.000	0
415	412	33.79	5.26	3.4	4.58	6.75	0	0	-839	1	0	0	1	1	0	0.000	0
416	413	33.87	5.44	3.4	4.56	6.77	0	0	-967	1	0	0	1	1	0	0.000	0
417	414	33.96	5.62	3.4	4.55	6.67	0	0	-1111	1	0	0	1	1	0	0.000	0
418	415	34.04	5.67	3.4	4.52	6.73	0	0	-1158	1	0	0	1	1	0	0.000	0
419	416	34.12	5.73	3.4	4.49	6.71	0	0	-1217	1	0	0	1	1	0	0.000	0
420	417	34.2	5.79	3.5	4.44	6.56	0	0	-1282	1	0	0	1	1	0	0.000	0
421	418	34.28	5.82	3.5	4.37	6.56	0	0	-1322	1	0	0	1	1	0	0.000	0
422	419	34.37	5.82	3.5	4.29	6.43	0	0	-1335	1	0	0	1	1	0	0.000	0
423	420	34.45	5.74	3.5	4.2	6.27	0	0	-1271	1	0	0	1	1	0	0.000	0
424	421	34.53	5.66	3.5	4.14	6.23	0	0	-1204	1	0	0	1	1	0	0.000	0
425	422	34.61	5.4	3.5	4.14	6.2	0	0	-987	1	0	0	1	1	0	0.000	0
426	423	34.69	5.08	3.4	4.17	6.24	0	0	-767	1	0	0	1	1	0	0.000	0
427	424	34.78	4.88	3.4	4.15	6.32	0	0	-657	1	0	0	1	1	0	0.000	0
428	425	34.86	4.87	3.4	4.08	6.12	0	0	-658	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	5.08	3.5	3.97	6	0	0	-786	1	0	0	1	1	0	0.000	0
430	427	35.02	5.19	3.5	3.96	5.91	0	0	-857	1	0	0	1	1	0	0.000	0
431	428	35.1	5.32	3.5	4.01	6.03	0	0	-942	1	0	0	1	1	0	0.000	0
432	429	35.19	5.14	3.4	4.29	6.14	0	0	-792	1	0	0	1	1	0	0.000	0
433	430	35.27	4.97	3.4	4.81	6.92	0	0	-650	1	0	0	1	1	0	0.000	0
434	431	35.35	5.16	3.4	5.47	7.92	0	0	-689	1	0	0	1	1	0	0.000	0
435	432	35.43	5.38	3.3	5.96	8.62	0	0	-760	1	0	0	1	1	0	0.000	0
436	433	35.51	5.83	3.3	6.1	8.84	0	0	-1049	1	0	0	1	1	0	0.000	0
437	434	35.6	5.85	3.3	6.16	8.58	0	0	-1055	1	0	0	1	1	0	0.000	0
438	435	35.68	5.84	3.3	6.19	8.86	0	0	-1042	1	0	0	1	1	0	0.000	0
439	436	35.76	5.78	3.3	6.1	9.07	0	0	-1010	1	0	0	1	1	0	0.000	0
440	437	35.84	5.96	3.4	5.75	8.36	0	0	-1220	1	0	0	1	1	0	0.000	0
441	438	35.92	6.39	3.4	5.23	7.6	0	0	-1810	1	0	0	1	1	0	0.000	0
442	439	36.01	6.71	3.5	4.77	7.09	0	0	-2433	1	0	0	1	1	0	0.000	0
443	440	36.09	6.72	3.5	4.44	6.53	0	0	-2555	1	0	0	1	1	0	0.000	0
444	441	36.17	6.31	3.5	4.28	6.22	0	0	-1929	1	0	0	1	1	0	0.000	0
445	442	36.25	5.61	3.5	4.24	6.29	0	0	-1146	1	0	0	1	1	0	0.000	0
446	443	36.33	5.16	3.4	4.24	6.24	0	0	-910	1	0	0	1	1	0	0.000	0
447	444	36.42	5.05	3.4	4.18	6.2	0	0	-848	1	0	0	1	1	0	0.000	0
448	445	36.5	5.2	3.5	4.14	6.11	0	0	-8[illegible]5	1	0	0	1	1	0	0.000	0
449	446	36.58	5.16	3.4	4.2	6.13	0	0	-814	1	0	0	1	1	0	0.000	0
450	447	36.66	4.97	3.4	4.34	6.37	0	0	-[illegible]89	1	0	0	1	1	0	0.000	0
451	448	36.74	4.93	3.4	4.47	6.55	0	0	-657	1	0	0	1	1	0	0.000	0
452	449	36.83	4.98	3.4	4.53	6.62	0	0	-679	1	0	0	1	1	0	0.000	0
453	450	36.91	5.11	3.4	4.52	6.63	0	0	-752	1	0	0	1	1	0	0.000	0
454	451	36.99	5.1	3.4	4.47	6.59	0	0	-751	1	0	0	1	1	0	0.000	0
455	452	37.07	5.12	3.4	4.41	6.54	0	0	-769	1	0	0	1	1	0	0.000	0
456	453	37.16	5.06	3.4	4.4	6.44	0	0	-734	1	0	0	1	1	0	0.000	0
457	454	37.24	4.87	3.4	4.46	6.54	0	0	-628	1	0	0	1	1	0	0.000	0
458	455	37.32	4.66	3.4	4.57	6.65	0	0	-524	1	0	0	1	1	0	0.000	0
459	456	37.4	4.62	3.4	4.67	6.82	0	0	-501	1	0	0	1	1	0	0.000	0
460	457	37.48	4.71	3.4	4.76	6.9	0	0	-532	1	0	0	1	1	0	0.000	0
461	458	37.57	4.83	3.4	4.78	6.98	0	0	-584	1	0	0	1	1	0	0.000	0
462	459	37.65	4.92	3.4	4.76	6.94	0	0	-629	1	0	0	1	1	0	0.000	0
463	460	37.73	5.15	3.4	4.73	6.91	0	0	-756	1	0	0	1	1	0	0.000	0
464	461	37.81	5.37	3.4	4.75	6.93	0	0	-894	1	0	0	1	1	0	0.000	0
465	462	37.89	5.52	3.4	4.87	7.05	0	0	-988	1	0	0	1	1	0	0.000	0
466	463	37.98	5.66	3.4	5.56	7.37	0	0	-1000	1	0	0	1	1	0	0.000	0
467	464	38.06	5.78	3.3	6.95	9.48	0	0	-876	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	5.67	3.2	9.08	12.17	0	0	-496	1	0	0	1	1	0	0.000	0
469	466	38.22	5.22	3.1	11.55	15.57	0	0	-98	1	0	0	1	1	0	0.000	0
470	467	38.3	4.59	3.0	14.44	19.47	0	0	121	1	0	0	0	1	0	0.000	0
471	468	38.39	4.05	2.9	17.01	24	0	0	182	1	0	0	0	1	0	0.000	0
472	469	38.47	3.64	2.8	18.53	26.09	0	0	173	1	0	0	0	1	0	0.000	0
473	470	38.55	3.45	2.8	17.78	25.55	0	0	129	1	0	0	0	1	0	0.000	0
474	471	38.63	3.48	2.9	15.08	21.13	0	0	65	1	0	0	1	1	0	0.000	0
475	472	38.71	3.65	3.0	11.92	15.54	0	0	-17	1	0	0	1	1	0	0.000	0
476	473	38.8	3.77	3.1	9.23	13.18	0	0	-105	1	0	0	1	1	0	0.000	0
477	474	38.88	3.77	3.2	7.39	10.7	0	0	-164	1	0	0	1	1	0	0.000	0
478	475	38.96	3.86	3.2	6.06	8.52	0	0	-222	1	0	0	1	1	0	0.000	0
479	476	39.04	4.19	3.3	5.19	7.93	0	0	-331	1	0	0	1	1	0	0.000	0
480	477	39.12	4.35	3.4	4.8	7.12	0	0	-397	1	0	0	1	1	0	0.000	0
481	478	39.21	4.42	3.4	4.57	6.64	0	0	-432	1	0	0	1	1	0	0.000	0
482	479	39.29	4.28	3.4	4.54	6.71	0	0	-388	1	0	0	1	1	0	0.000	0
483	480	39.37	4.26	3.4	4.54	6.69	0	0	-381	1	0	0	1	1	0	0.000	0
484	481	39.45	4.42	3.4	4.44	6.5	0	0	-440	1	0	0	1	1	0	0.000	0
485	482	39.53	4.69	3.4	4.28	6.28	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
486	483	39.62	4.81	3.4	4.15	6.13	0	0	-[illegible]22	1	0	0	1	1	0	0.000	0
487	484	39.7	4.76	3.4	4.06	6.05	0	0	-6[illegible]4	1	0	0	1	1	0	0.000	0
488	485	39.78	4.66	3.4	3.96	5.95	0	0	-56[illegible]	1	0	0	1	1	0	0.000	0
489	486	39.86	4.55	3.4	3.87	5.81	0	0	-[illegible]23	1	0	0	1	1	0	0.000	0
490	487	39.94	4.47	3.4	3.81	5.75	0	0	-493	1	0	0	1	1	0	0.000	0
491	488	40.03	4.38	3.4	3.79	5.71	0	0	-460	1	0	0	1	1	0	0.000	0
492	489	40.11	4.34	3.4	3.77	5.72	0	0	-446	1	0	0	1	1	0	0.000	0
493	490	40.19	4.3	3.4	3.77	5.7	0	0	-432	1	0	0	1	1	0	0.000	0
494	491	40.27	4.32	3.4	3.75	5.68	0	0	-440	1	0	0	1	1	0	0.000	0
495	492	40.35	4.35	3.4	3.74	5.68	0	0	-452	1	0	0	1	1	0	0.000	0
496	493	40.44	4.41	3.4	3.78	5.66	0	0	-472	1	0	0	1	1	0	0.000	0
497	494	40.52	4.41	3.4	3.86	5.81	0	0	-467	1	0	0	1	1	0	0.000	0
498	495	40.6	4.36	3.4	3.97	5.96	0	0	-443	1	0	0	1	1	0	0.000	0
499	496	40.68	4.31	3.4	4.04	6.09	0	0	-422	1	0	0	1	1	0	0.000	0
500	497	40.76	4.3	3.4	4.06	6.13	0	0	-418	1	0	0	1	1	0	0.000	0
501	498	40.85	4.39	3.4	4.07	6.1	0	0	-449	1	0	0	1	1	0	0.000	0
502	499	40.93	4.43	3.4	4.13	6.16	0	0	-460	1	0	0	1	1	0	0.000	0
503	500	41.01	4.3	3.4	4.22	6.3	0	0	-410	1	0	0	1	1	0	0.000	0
504	501	41.09	4.1	3.4	4.29	6.43	0	0	-345	1	0	0	1	1	0	0.000	0
505	502	41.17	3.9	3.4	4.29	6.42	0	0	-293	1	0	0	1	1	0	0.000	0
506	503	41.26	3.74	3.4	4.27	6.36	0	0	-257	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	3.56	3.4	4.28	6.38	0	0	-221	1	0	0	1	1	0	0.000	0
508	505	41.42	3.4	3.3	4.25	6.41	0	0	-194	1	0	0	1	1	0	0.000	0
509	506	41.5	3.26	3.3	4.16	6.22	0	0	-174	1	0	0	1	1	0	0.000	0
510	507	41.58	3.14	3.3	4	6.01	0	0	-160	1	0	0	1	1	0	0.000	0
511	508	41.67	2.9	3.3	3.92	5.84	0	0	-131	1	0	1	1	1	0	0.000	0
512	509	41.75	2.54	3.3	3.96	5.87	0	0	-95	1	0	1	1	1	0	0.000	0
513	510	41.83	2.22	3.3	4.11	6.06	0	0	-70	1	0	1	1	1	0	0.000	0
514	511	41.91	2.09	3.2	4.23	6.31	0	0	-62	1	0	1	1	1	0	0.000	0
515	512	41.99	2.1	3.2	4.37	6.28	0	0	-61	1	0	1	1	1	0	0.000	0
516	513	42.08	2.41	3.2	4.53	6.5	0	0	-79	1	0	1	1	1	0	0.000	0
517	514	42.16	2.37	3.2	5.38	6.84	0	0	-68	1	0	1	1	1	0	0.000	0
518	515	42.24	2.25	3.1	5.97	9.59	0	0	-56	1	0	1	1	1	0	0.000	0
519	516	42.32	1.94	3.1	6.39	9.19	0	0	-40	1	0	1	1	1	0	0.000	0
520	517	42.4	2.12	3.1	5.84	8.91	0	0	-51	1	0	1	1	1	0	0.000	0
521	518	42.49	2.89	3.2	5.3	7.8	0	0	-109	1	0	1	1	1	0	0.000	0
522	519	42.57	4.19	3.3	5.18	7.04	0	0	-331	1	0	0	1	1	0	0.000	0
523	520	42.65	4	3.2	6.61	8.04	0	0	-228	1	0	0	1	1	0	0.000	0
524	521	42.73	2.97	3.0	9.38	12.84	0	0	-51	1	0	1	1	1	0	0.000	0
525	522	42.81	2.32	2.9	12.01	18.09	0	0	-4	1	0	1	1	1	0	0.000	0
526	523	42.9	2.36	2.9	12.96	19.29	0	0	4	1	0	1	1	1	0	0.000	0
527	524	42.98	2.96	2.9	12.12	17.58	0	0	-6	1	0	1	1	1	0	0.000	0
528	525	43.06	3.76	3.0	10.47	15.18	0	0	-64	1	0	0	1	1	0	0.000	0
529	526	43.14	4.65	3.2	8.69	12.74	0	0	-250	1	0	0	1	1	0	0.000	0
530	527	43.22	5.6	3.3	7.01	10.56	0	0	-756	1	0	0	1	1	0	0.000	0
531	528	43.31	6.1	3.4	5.68	8.54	0	0	-1369	1	0	0	1	1	0	0.000	0
532	529	43.39	5.92	3.4	4.72	7.54	0	0	-1365	1	0	0	1	1	0	0.000	0
533	530	43.47	5.16	3.5	4.05	6.78	0	0	-828	1	0	0	1	1	0	0.000	0
534	531	43.55	4.57	3.5	3.53	5.9	0	0	-552	1	0	0	1	1	0	0.000	0
535	532	43.63	4.22	3.5	3.19	5.37	0	0	-432	1	0	0	1	1	0	0.000	0
536	533	43.72	3.86	3.5	3.09	5.19	0	0	-325	1	0	0	1	1	0	0.000	0
537	534	43.8	3.54	3.5	3.1	5.15	0	0	-248	1	0	0	1	1	0	0.000	0
538	535	43.88	3.28	3.4	3.13	5.13	0	0	-199	1	0	0	1	1	0	0.000	0
539	536	43.96	3.18	3.4	3.14	5.08	0	0	-182	1	0	0	1	1	0	0.000	0
540	537	44.04	3.24	3.4	3.11	5.05	0	0	-192	1	0	0	1	1	0	0.000	0
541	538	44.13	3.31	3.5	3.1	4.93	0	0	-204	1	0	0	1	1	0	0.000	0
542	539	44.21	3.2	3.4	3.16	4.94	0	0	-185	1	0	0	1	1	0	0.000	0
543	540	44.29	3.05	3.4	3.31	5.18	0	0	-160	1	0	0	1	1	0	0.000	0
544	541	44.37	3.05	3.4	3.58	5.42	0	0	-155	1	0	0	1	1	0	0.000	0
545	542	44.45	3.33	3.4	3.94	5.89	0	0	-189	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	3.63	3.3	4.41	6.59	0	0	-231	1	0	0	1	1	0	0.000	0
547	544	44.62	3.85	3.3	4.84	7.37	0	0	-262	1	0	0	1	1	0	0.000	0
548	545	44.7	4.14	3.3	5.15	7.81	0	0	-319	1	0	0	1	1	0	0.000	0
549	546	44.78	4.52	3.3	5.29	8.08	0	0	-426	1	0	0	1	1	0	0.000	0
550	547	44.86	4.94	3.3	5.41	8.13	0	0	-585	1	0	0	1	1	0	0.000	0
551	548	44.95	5.21	3.4	5.51	8.38	0	0	-712	1	0	0	1	1	0	0.000	0
552	549	45.03	5.28	3.3	5.6	8.53	0	0	-742	1	0	0	1	1	0	0.000	0
553	550	45.11	5.24	3.3	5.56	8.54	0	0	-724	1	0	0	1	1	0	0.000	0
554	551	45.19	5.11	3.4	5.42	8.33	0	0	-668	1	0	0	1	1	0	0.000	0
555	552	45.27	5.09	3.4	5.27	8.08	0	0	-671	1	0	0	1	1	0	0.000	0
556	553	45.36	5.09	3.4	5.07	7.97	0	0	-690	1	0	0	1	1	0	0.000	0
557	554	45.44	5.18	3.4	4.89	7.62	0	0	-758	1	0	0	1	1	0	0.000	0
558	555	45.52	5.32	3.4	4.62	7.31	0	0	-875	1	0	0	1	1	0	0.000	0
559	556	45.6	5.49	3.4	4.46	6.9	0	0	-1017	1	0	0	1	1	0	0.000	0
560	557	45.69	5.68	3.5	4.33	6.84	0	0	-1195	1	0	0	1	1	0	0.000	0
561	558	45.77	5.76	3.5	4.32	6.88	0	0	-1272	1	0	0	1	1	0	0.000	0
562	559	45.85	5.77	3.5	4.3	6.88	0	0	-1284	1	0	0	1	1	0	0.000	0
563	560	45.93	5.82	3.5	4.29	6.86	0	0	-1[illegible]35	1	0	0	1	1	0	0.000	0
564	561	46.01	5.93	3.5	4.26	6.9	0	0	-1[illegible]56	1	0	0	1	1	0	0.000	0
565	562	46.1	6.24	3.5	4.17	6.83	0	0	-18[illegible]6	1	0	0	1	1	0	0.000	0
566	563	46.18	6.71	3.5	4.04	6.66	0	0	-2662	1	0	0	1	1	0	0.000	0
567	564	46.26	7.36	3.6	3.86	6.55	0	0	-[illegible]34	1	0	0	1	1	0	0.000	0
568	565	46.34	8.01	3.6	3.68	6.27	0	0	-6965	1	0	0	1	1	0	0.000	0
569	566	46.42	8.4	3.6	3.46	6.09	0	0	-9319	1	0	0	1	1	0	0.000	0
570	567	46.51	8.71	3.7	3.18	5.82	0	0	-11841	1	0	0	1	1	0	0.000	0
571	568	46.59	9.24	3.7	2.86	5.29	0	0	-17404	1	0	0	1	1	0	0.000	0
572	569	46.67	10.21	3.8	2.5	4.91	0	0	-33725	1	0	0	1	1	0	0.000	0
573	570	46.75	11.15	3.9	2.24	4.51	0	0	-62073	1	0	0	1	1	0	0.000	0
574	571	46.83	11.84	3.9	2.06	4.31	0	0	-95799	1	0	0	1	1	0	0.000	0
575	572	46.92	11.03	3.9	2.13	4.25	0	0	-58293	1	0	0	1	1	0	0.000	0
576	573	47	9.07	3.8	2.49	4.73	0	0	-16158	1	0	0	1	1	0	0.000	0
577	574	47.08	7.04	3.6	3.02	5.6	0	0	-3786	1	0	0	1	1	0	0.000	0
578	575	47.16	5.9	3.5	3.53	6.08	0	0	-1550	1	0	0	1	1	0	0.000	0
579	576	47.24	5.28	3.5	4.15	6.54	0	0	-899	1	0	0	1	1	0	0.000	0
580	577	47.33	4.96	3.4	5.12	7.84	0	0	-619	1	0	0	1	1	0	0.000	0
581	578	47.41	4.98	3.3	6.3	9.71	0	0	-528	1	0	0	1	1	0	0.000	0
582	579	47.49	5.23	3.3	7.21	11.1	0	0	-548	1	0	0	1	1	0	0.000	0
583	580	47.57	5.78	3.3	7.56	11.49	0	0	-780	1	0	0	1	1	0	0.000	0
584	581	47.65	6.42	3.3	7.51	11.37	0	0	-1270	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	7.09	3.3	7.28	11.18	0	0	-2161	1	0	0	1	1	0	0.000	0
586	583	47.82	7.71	3.4	7.02	10.78	0	0	-3515	1	0	0	1	1	0	0.000	0
587	584	47.9	8.12	3.4	6.69	10.47	0	0	-4948	1	0	0	1	1	0	0.000	0
588	585	47.98	8.02	3.4	6.48	9.94	0	0	-4787	1	0	0	1	1	0	0.000	0
589	586	48.06	7.39	3.4	6.44	9.92	0	0	-3105	1	0	0	1	1	0	0.000	0
590	587	48.15	6.69	3.4	6.57	10.19	0	0	-1839	1	0	0	1	1	0	0.000	0
591	588	48.23	6.37	3.3	6.63	10.28	0	0	-1440	1	0	0	1	1	0	0.000	0
592	589	48.31	6.22	3.3	6.46	9.97	0	0	-1326	1	0	0	1	1	0	0.000	0
593	590	48.39	6.21	3.4	6.04	9.53	0	0	-1408	1	0	0	1	1	0	0.000	0
594	591	48.47	6.07	3.4	5.52	8.73	0	0	-1370	1	0	0	1	1	0	0.000	0
595	592	48.56	5.9	3.4	5.04	8.05	0	0	-1289	1	0	0	1	1	0	0.000	0
596	593	48.64	5.43	3.4	4.69	7.61	0	0	-944	1	0	0	1	1	0	0.000	0
597	594	48.72	4.98	3.4	4.48	7.28	0	0	-683	1	0	0	1	1	0	0.000	0
598	595	48.8	4.59	3.4	4.39	7.04	0	0	-507	1	0	0	1	1	0	0.000	0
599	596	48.88	4.39	3.4	4.43	7.1	0	0	-430	1	0	0	1	1	0	0.000	0
600	597	48.97	4.21	3.4	4.57	7.18	0	0	-365	1	0	0	1	1	0	0.000	0
601	598	49.05	4.16	3.4	4.68	7.38	0	0	-345	1	0	0	1	1	0	0.000	0
602	599	49.13	4.05	3.3	4.76	7.35	0	0	-312	1	0	0	1	1	0	0.000	0
603	600	49.21	3.87	3.3	4.82	7.41	0	0	-267	1	0	0	1	1	0	0.000	0
604	601	49.29	3.66	3.3	4.92	7.49	0	0	-241	1	0	0	1	1	0	0.000	0
605	602	49.38	3.49	3.3	5.05	7.66	0	0	-189	1	0	0	1	1	0	0.000	0
606	603	49.46	3.44	3.3	5.16	7.85	0	0	-178	1	0	0	1	1	0	0.000	0
607	604	49.54	3.53	3.3	5.19	7.92	0	0	-192	1	0	0	1	1	0	0.000	0
608	605	49.62	3.53	3.3	5.07	7.77	0	0	-195	1	0	0	1	1	0	0.000	0
609	606	49.7	3.65	3.3	4.86	7.39	0	0	-221	1	0	0	1	1	0	0.000	0
610	607	49.79	3.83	3.3	4.74	7.14	0	0	-261	1	0	0	1	1	0	0.000	0
611	608	49.87	4.14	3.3	4.87	7.29	0	0	-332	1	0	0	1	1	0	0.000	0
612	609	49.95	4.22	3.3	5.26	7.84	0	0	-336	1	0	0	1	1	0	0.000	0
613	610	50.03	4.06	3.3	5.68	8.63	0	0	-278	1	0	0	1	1	0	0.000	0
614	611	50.11	4	3.3	5.92	9.05	0	0	-255	1	0	0	1	1	0	0.000	0
615	612	50.2	2.6	3.2	6.05	8.89	0	0	-76	1	0	1	1	1	0	0.000	0
616	613	50.28	1.27	3.0	6.3	9.21	0	0	-22	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	6.72	9.9	0	0	-6	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	7.05	10.48	0	0	-5	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	7.18	10.62	0	0	-5	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

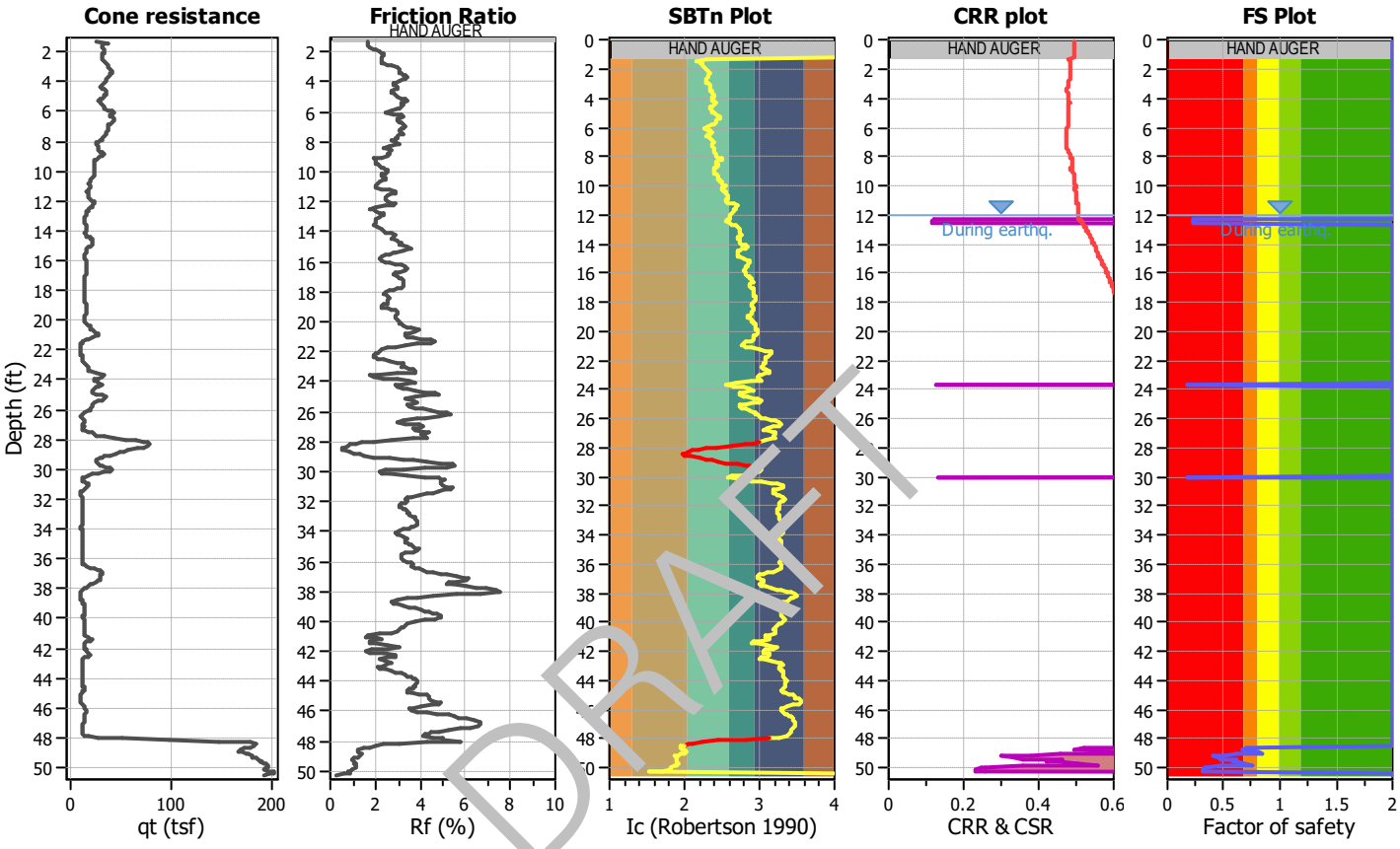
LIQUEFACTION ANALYSIS REPORT

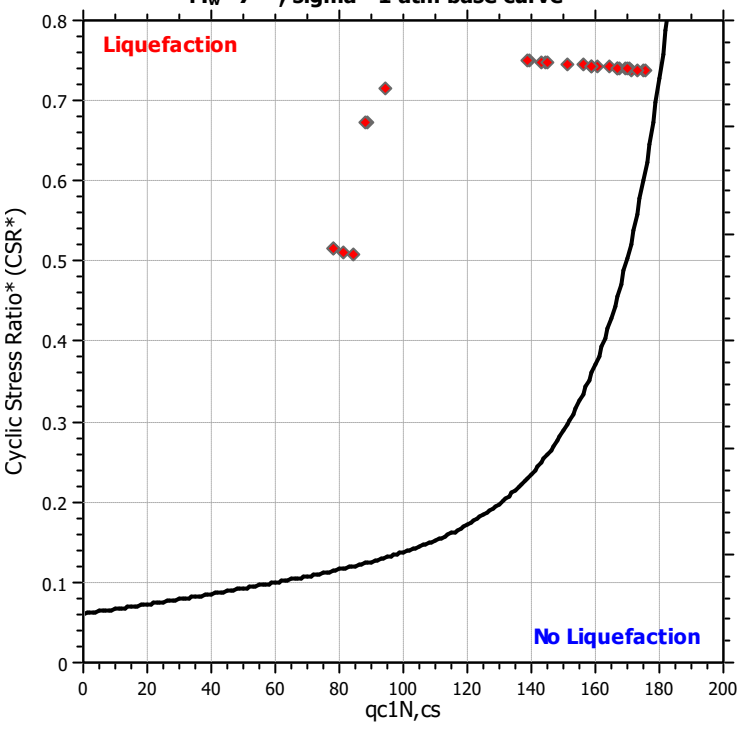
Project title : **Location :**

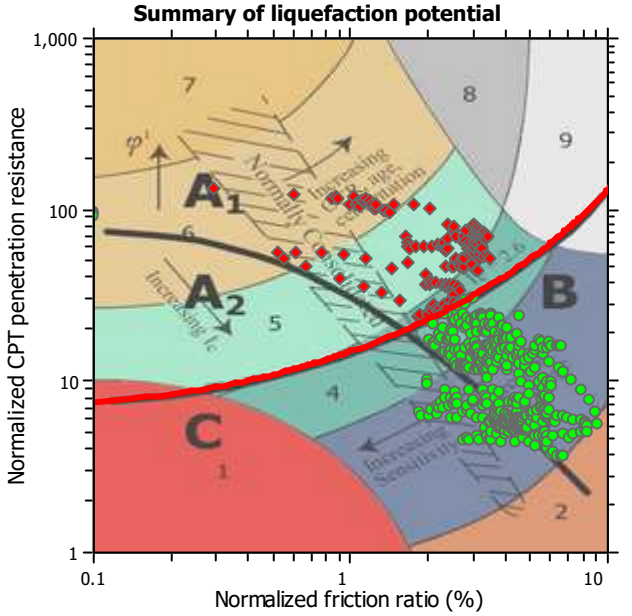
CPT file : CPT-13

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

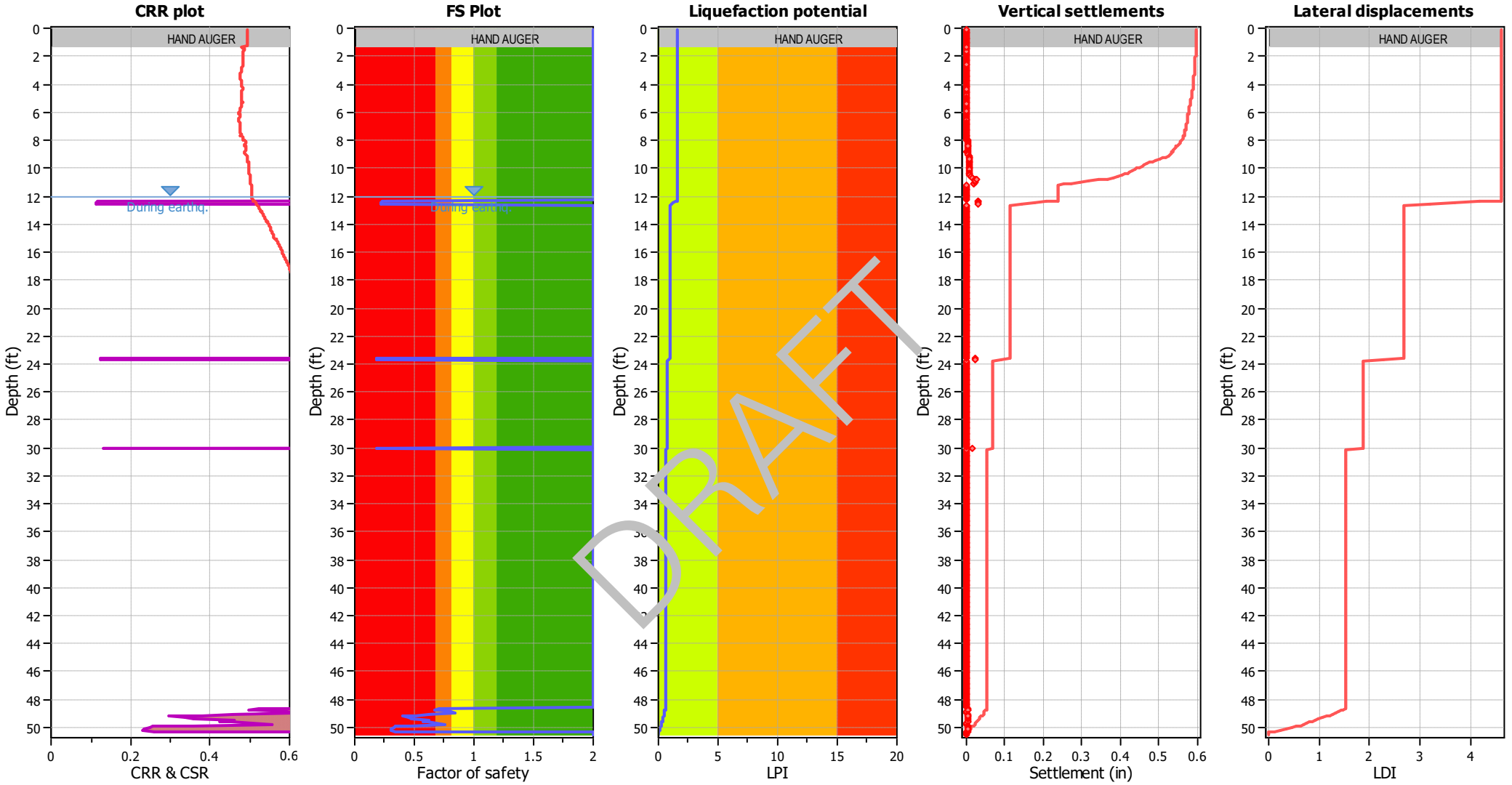






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-13, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
19	16	1.31	1.67	2.3	49.12	64.54	0	0	180	1	1	1	0	1	0	0.180	0
20	17	1.39	1.65	2.2	69.69	59.95	0	0	285	1	1	1	0	1	0	0.180	0
21	18	1.48	1.65	2.2	63.82	51.55	0	0	255	1	1	1	0	1	0	0.180	0
22	19	1.56	1.66	2.2	60.29	49.85	0	0	240	1	1	1	0	1	0	0.180	0
23	20	1.64	1.71	2.2	59.97	51.31	0	0	250	1	1	1	0	1	0	0.180	0
24	21	1.72	1.8	2.2	60.72	51.61	0	0	276	1	1	1	0	1	0	0.180	0
25	22	1.8	1.92	2.3	61.35	52.12	0	0	312	1	1	1	0	1	0	0.180	0
26	23	1.89	2.05	2.3	61.85	53.08	0	0	355	1	1	1	0	1	0	0.180	0
27	24	1.97	2.16	2.3	62.02	52.92	0	0	393	1	1	1	0	1	0	0.180	0
28	25	2.05	2.27	2.3	61.34	52.62	0	0	428	1	1	1	0	1	0	0.180	0
29	26	2.13	2.35	2.3	60.22	51.35	0	0	449	1	1	1	0	1	0	0.180	0
30	27	2.21	2.37	2.3	59.26	50.04	0	0	448	1	1	1	0	1	0	0.180	0
31	28	2.3	2.36	2.3	58.55	50.1	0	0	437	1	1	1	0	1	0	0.180	0
32	29	2.38	2.32	2.3	58.56	49.45	0	0	422	1	1	1	0	1	0	0.180	0
33	30	2.46	2.31	2.3	59.07	50.04	0	0	423	1	1	1	0	1	0	0.180	0
34	31	2.54	2.29	2.3	60.57	51.41	0	0	429	1	1	1	0	1	0	0.180	0
35	32	2.62	2.28	2.3	62.48	53.32	0	0	442	1	1	1	0	1	0	0.180	0
36	33	2.71	2.31	2.3	64.7	55.02	0	0	474	1	1	1	0	1	0	0.180	0
37	34	2.79	2.4	2.3	67.42	57.2	0	0	541	1	1	1	0	1	0	0.180	0
38	35	2.87	2.56	2.3	69.6	60.34	0	0	648	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.77	2.3	70.82	60.62	0	0	796	1	1	1	0	1	0	0.180	0
40	37	3.03	3	2.3	71.12	60.32	0	0	977	1	1	0	0	1	0	0.180	0
41	38	3.12	3.13	2.4	72.18	61.09	0	0	1113	1	1	0	0	1	0	0.180	0
42	39	3.2	3.12	2.3	74.05	63.35	0	0	1138	1	1	0	0	1	0	0.180	0
43	40	3.28	3.08	2.3	75.7	65.12	0	0	1129	1	1	0	0	1	0	0.180	0
44	41	3.36	3.12	2.3	76.14	65.38	0	0	1177	1	1	0	0	1	0	0.180	0
45	42	3.44	3.2	2.4	75.58	64.55	0	0	1249	1	1	0	0	1	0	0.180	0
46	43	3.53	3.3	2.4	74.12	63.82	0	0	1329	1	1	0	0	1	0	0.180	0
47	44	3.61	3.36	2.4	72.21	61.76	0	0	1355	1	1	0	0	1	0	0.180	0
48	45	3.69	3.41	2.4	69.8	59.75	0	0	1357	1	1	0	0	1	0	0.180	0
49	46	3.77	3.36	2.4	67.91	57.69	0	0	1257	1	1	0	0	1	0	0.180	0
50	47	3.85	3.25	2.4	67.14	56.98	0	0	1129	1	1	0	0	1	0	0.180	0
51	48	3.94	3.05	2.4	66.79	57.78	0	0	945	1	1	0	0	1	0	0.180	0
52	49	4.02	2.92	2.4	65.27	56.83	0	0	821	1	1	1	0	1	0	0.180	0
53	50	4.1	2.83	2.4	62.78	53.09	0	0	723	1	1	1	0	1	0	0.180	0
54	51	4.18	2.86	2.4	59.26	51.43	0	0	690	1	1	1	0	1	0	0.180	0
55	52	4.26	2.91	2.4	57.43	47.83	0	0	693	1	1	1	0	1	0	0.180	0
56	53	4.35	2.99	2.4	56.8	48.42	0	0	[illegible]	1	1	1	0	1	0	0.180	0
57	54	4.43	2.97	2.4	58.77	49.84	0	0	[illegible]52	1	1	1	0	1	0	0.180	0
58	55	4.51	2.89	2.4	61.96	52.86	0	0	7[illegible]0	1	1	1	0	1	0	0.180	0
59	56	4.59	2.78	2.4	65.23	56.6	0	0	72[illegible]	1	1	1	0	1	0	0.180	0
60	57	4.68	2.76	2.3	66.35	58.21	0	0	[illegible]29	1	1	1	0	1	0	0.180	0
61	58	4.76	2.8	2.4	65.92	55.75	0	0	749	1	1	1	0	1	0	0.180	0
62	59	4.84	2.9	2.4	64.81	55.52	0	0	800	1	1	1	0	1	0	0.180	0
63	60	4.92	2.93	2.4	63.69	55.4	0	0	803	1	1	1	0	1	0	0.180	0
64	61	5	2.99	2.4	61.12	52.91	0	0	804	1	1	1	0	1	0	0.180	0
65	62	5.09	3.16	2.4	57.29	48.99	0	0	857	1	1	0	0	1	0	0.180	0
66	63	5.17	3.41	2.5	53.28	45.65	0	0	966	1	1	0	0	1	0	0.180	0
67	64	5.25	3.46	2.5	52.44	42.73	0	0	987	1	1	0	0	1	0	0.180	0
68	65	5.33	3.32	2.5	53.51	46.86	0	0	900	1	1	0	0	1	0	0.180	0
69	66	5.41	3.19	2.4	55.53	48.38	0	0	845	1	1	0	0	1	0	0.180	0
70	67	5.5	3.22	2.4	57.14	47.88	0	0	899	1	1	0	0	1	0	0.180	0
71	68	5.58	3.25	2.4	59.58	51	0	0	973	1	1	0	0	1	0	0.180	0
72	69	5.66	3.23	2.4	61.82	54.61	0	0	1002	1	1	0	0	1	0	0.180	0
73	70	5.74	3.14	2.4	63.31	53.48	0	0	956	1	1	0	0	1	0	0.180	0
74	71	5.82	3.03	2.4	63.83	54.27	0	0	878	1	1	0	0	1	0	0.180	0
75	72	5.91	2.73	2.3	69.39	55.17	0	0	750	1	1	1	0	1	0	0.180	0
76	73	5.99	2.51	2.3	76.2	65.01	0	0	692	1	1	1	0	1	0	0.180	0
77	74	6.07	2.51	2.3	79.06	68.23	0	0	723	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.82	2.3	76.57	60.43	0	0	914	1	1	1	0	1	0	0.180	0
79	76	6.23	3.18	2.4	73.09	58.39	0	0	1179	1	1	0	0	1	0	0.180	0
80	77	6.32	3.25	2.4	74.66	59.63	0	0	1285	1	1	0	0	1	0	0.180	0
81	78	6.4	3.13	2.3	77.5	62.66	0	0	1212	1	1	0	0	1	0	0.180	0
82	79	6.48	2.98	2.3	80.99	63.59	0	0	1122	1	1	1	0	1	0	0.180	0
83	80	6.56	2.99	2.3	82.04	66.01	0	0	1149	1	1	1	0	1	0	0.180	0
84	81	6.64	3.08	2.3	80.47	63.93	0	0	1214	1	1	0	0	1	0	0.180	0
85	82	6.73	3.19	2.3	76.7	59.35	0	0	1260	1	1	0	0	1	0	0.180	0
86	83	6.81	3.26	2.4	72.79	57.3	0	0	1257	1	1	0	0	1	0	0.180	0
87	84	6.89	3.29	2.4	70.13	54.87	0	0	1232	1	1	0	0	1	0	0.180	0
88	85	6.97	3.34	2.4	68.15	52.85	0	0	1242	1	1	0	0	1	0	0.180	0
89	86	7.05	3.28	2.4	68.12	52.32	0	0	1179	1	1	0	0	1	0	0.180	0
90	87	7.14	3.16	2.4	69.49	54.03	0	0	1090	1	1	0	0	1	0	0.180	0
91	88	7.22	3.09	2.4	70.01	54.97	0	0	1036	1	1	0	0	1	0	0.180	0
92	89	7.3	3.13	2.4	69.08	52.74	0	0	1055	1	1	0	0	1	0	0.180	0
93	90	7.38	3.23	2.4	66.63	52.2	0	0	1100	1	1	0	0	1	0	0.180	0
94	91	7.46	3.25	2.4	64.44	49.36	0	0	1073	1	1	0	0	1	0	0.180	0
95	92	7.55	3.14	2.4	63.01	48.08	0	0	950	1	1	0	0	1	0	0.180	0
96	93	7.63	3.01	2.4	60.96	49.78	0	0	915	1	1	0	0	1	0	0.180	0
97	94	7.71	3.01	2.4	58.77	45.59	0	0	7[illegible]8	1	1	0	0	1	0	0.180	0
98	95	7.79	2.98	2.4	56.02	43.22	0	0	713	1	1	1	0	1	0	0.180	0
99	96	7.87	2.92	2.4	54.35	43.71	0	0	651	1	1	1	0	1	0	0.180	0
100	97	7.96	2.77	2.4	52.51	41.95	0	0	546	1	1	1	0	1	0	0.180	0
101	98	8.04	2.94	2.5	47.99	39.61	0	0	562	1	1	1	0	1	0	0.180	0
102	99	8.12	3.13	2.5	44.59	32.67	0	0	598	1	1	0	0	1	0	0.180	0
103	100	8.2	3.07	2.5	43.88	33.58	0	0	556	1	1	0	0	1	0	0.180	0
104	101	8.28	2.67	2.4	46.18	38.26	0	0	421	1	1	1	0	1	0	0.180	0
105	102	8.37	2.45	2.4	47.09	39.67	0	0	356	1	1	1	0	1	0	0.180	0
106	103	8.45	2.51	2.4	46.36	37.02	0	0	368	1	1	1	0	1	0	0.180	0
107	104	8.53	2.73	2.5	45.31	36.56	0	0	432	1	1	1	0	1	0	0.180	0
108	105	8.61	2.76	2.5	46.09	36.43	0	0	455	1	1	1	0	1	0	0.180	0
109	106	8.69	2.64	2.4	48.78	38.79	0	0	442	1	1	1	0	1	0	0.180	0
110	107	8.78	2.56	2.4	51.56	43.59	0	0	443	1	1	1	0	1	0	0.180	0
111	108	8.86	2.7	2.4	52.62	43.95	0	0	515	1	1	1	0	1	0	0.180	0
112	109	8.94	2.55	2.4	50.18	41.41	0	0	424	1	1	1	0	1	0	0.180	0
113	110	9.02	2.34	2.4	46.22	38.8	0	0	315	1	1	1	0	1	0	0.180	0
114	111	9.1	1.97	2.4	41.98	35.44	0	0	197	1	1	1	0	1	0	0.180	0
115	112	9.19	2.04	2.4	38.69	32.43	0	0	186	1	1	1	0	1	0	0.180	0
116	113	9.27	2.06	2.4	37.2	30.35	0	0	179	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.04	2.4	37.05	31.37	0	0	175	1	1	1	0	1	0	0.180	0
118	115	9.43	2.06	2.4	37.65	32.11	0	0	182	1	1	1	0	1	0	0.180	0
119	116	9.51	2.14	2.5	37.54	31.98	0	0	195	1	1	1	0	1	0	0.180	0
120	117	9.6	2.26	2.5	36.79	31.26	0	0	211	1	1	1	0	1	0	0.180	0
121	118	9.68	2.36	2.5	36.42	29.99	0	0	227	1	1	1	0	1	0	0.180	0
122	119	9.76	2.43	2.5	36.56	30.82	0	0	243	1	1	1	0	1	0	0.180	0
123	120	9.84	2.53	2.5	36.21	31.51	0	0	262	1	1	1	0	1	0	0.180	0
124	121	9.92	2.6	2.5	35.31	28.98	0	0	268	1	1	1	0	1	0	0.180	0
125	122	10.01	2.65	2.5	34.16	28.77	0	0	266	1	1	1	0	1	0	0.180	0
126	123	10.09	2.5	2.5	34.7	28.69	0	0	239	1	1	1	0	1	0	0.180	0
127	124	10.17	2.38	2.5	35.68	30.92	0	0	224	1	1	1	0	1	0	0.180	0
128	125	10.25	2.36	2.5	35.79	31.58	0	0	221	1	1	1	0	1	0	0.180	0
129	126	10.33	2.45	2.5	34.41	29.08	0	0	226	1	1	1	0	1	0	0.180	0
130	127	10.42	2.53	2.5	32.48	27.29	0	0	221	1	1	1	0	1	0	0.180	0
131	128	10.5	2.51	2.6	30.86	26.72	0	0	199	1	1	1	0	1	0	0.180	0
132	129	10.58	2.42	2.6	29.52	25.18	0	0	171	1	1	1	0	1	0	0.180	0
133	130	10.66	2.3	2.6	27.91	24.03	0	0	139	1	1	1	0	1	0	0.180	0
134	131	10.74	2.21	2.6	26.68	22.73	0	0	118	1	1	1	0	1	0	0.180	0
135	132	10.83	2.17	2.6	26.05	22.14	0	0	09	1	1	1	0	1	0	0.180	0
136	133	10.91	2.13	2.6	26.43	22.39	0	0	1[illegible]8	1	1	1	0	1	0	0.180	0
137	134	10.99	2.07	2.6	27.23	23.64	0	0	108	1	1	1	0	1	0	0.180	0
138	135	11.07	2.11	2.6	27.76	24.39	0	0	116	1	1	1	0	1	0	0.180	0
139	136	11.15	2.35	2.6	26.6	23.9	0	0	133	1	1	1	0	1	0	0.180	0
140	137	11.24	2.75	2.7	24.67	20.55	0	0	163	1	0	1	0	1	0	0.180	0
141	138	11.32	3.05	2.7	23.17	19.33	0	0	186	1	0	0	0	1	0	0.180	0
142	139	11.4	3.06	2.7	22.89	20.19	0	0	182	1	0	0	0	1	0	0.180	0
143	140	11.48	2.84	2.7	23.1	20.13	0	0	154	1	0	1	0	1	0	0.180	0
144	141	11.56	2.67	2.7	22.97	20.19	0	0	131	1	0	1	0	1	0	0.180	0
145	142	11.65	2.57	2.7	22.78	20.06	0	0	118	1	0	1	0	1	0	0.180	0
146	143	11.73	2.54	2.7	22.77	19.77	0	0	115	1	0	1	0	1	0	0.180	0
147	144	11.81	2.53	2.7	23.58	20.22	0	0	122	1	0	1	0	1	0	0.180	0
148	145	11.89	2.52	2.6	25.31	22.25	0	0	140	1	0	1	0	1	0	0.180	0
149	146	11.97	2.61	2.6	27.58	24.45	0	0	179	1	0	1	0	1	0	0.180	0
150	147	12.06	2.79	2.6	29.68	26.4	0	0	239	1	0	1	0	1	0	0.180	0
151	148	12.14	3.02	2.6	30.75	28.12	0	0	310	1	0	0	0	1	0	0.180	0
152	149	12.22	2.94	2.6	30.38	27.67	0	0	283	1	0	1	0	1	0	0.180	0
153	150	12.3	2.54	2.6	28.56	26.05	0.03	0.44	179	1	1	1	0	1	0	0.180	0
154	151	12.38	2.07	2.6	26.17	23.98	0.03	0.47	100	1	1	1	0	1	0	0.150	0
155	152	12.47	1.84	2.6	24.31	21.85	0.03	0.5	70	1	0	1	1	1	0	0.120	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.97	2.6	22.77	21.23	0.03	0.51	69	1	0	1	1	1	0	0.090	0
157	154	12.63	2.12	2.6	21.6	19.14	0	0	70	1	0	1	1	1	0	0.060	0
158	155	12.71	2.31	2.7	20.47	18.1	0	0	72	1	0	1	1	1	0	0.060	0
159	156	12.8	2.47	2.7	19.73	17.66	0	0	76	1	0	1	1	1	0	0.060	0
160	157	12.88	2.5	2.7	19.14	17.15	0	0	71	1	0	1	1	1	0	0.060	0
161	158	12.96	2.43	2.7	18.4	16.63	0	0	60	1	0	1	1	1	0	0.060	0
162	159	13.04	2.28	2.7	17.7	15.9	0	0	46	1	0	1	1	1	0	0.060	0
163	160	13.12	2.15	2.7	16.98	15.51	0	0	35	1	0	1	1	1	0	0.060	0
164	161	13.21	2.1	2.7	16.4	14.93	0	0	29	1	0	1	1	1	0	0.060	0
165	162	13.29	2.13	2.8	15.86	14.46	0	0	26	1	0	1	1	1	0	0.060	0
166	163	13.37	2.16	2.8	15.78	14.12	0	0	26	1	0	1	1	1	0	0.060	0
167	164	13.45	2.12	2.7	16.18	14.75	0	0	28	1	0	1	1	1	0	0.060	0
168	165	13.53	2.03	2.7	16.91	15.63	0	0	31	1	0	1	1	1	0	0.060	0
169	166	13.62	2.04	2.7	17.32	16.29	0	0	34	1	0	1	1	1	0	0.060	0
170	167	13.7	2.21	2.7	17.37	16.05	0	0	40	1	0	1	1	1	0	0.060	0
171	168	13.78	2.38	2.7	17.27	15.81	0	0	46	1	0	1	1	1	0	0.060	0
172	169	13.86	2.44	2.8	17.47	15.99	0	0	51	1	0	1	1	1	0	0.060	0
173	170	13.94	2.46	2.8	17.53	16.71	0	0	52	1	0	1	1	1	0	0.060	0
174	171	14.03	2.58	2.8	17.05	16.25	0	0	53	1	0	1	1	1	0	0.060	0
175	172	14.11	2.89	2.8	16.19	14.91	0	0	56	1	0	1	1	1	0	0.060	0
176	173	14.19	3.12	2.9	15.82	14.38	0	0	61	1	0	0	1	1	0	0.060	0
177	174	14.27	3.09	2.8	16.99	15.19	0	0	81	1	0	0	0	1	0	0.060	0
178	175	14.35	2.96	2.8	18.77	18.1	0	0	101	1	0	1	0	1	0	0.060	0
179	176	14.44	2.87	2.7	21.07	19.59	0	0	128	1	0	1	0	1	0	0.060	0
180	177	14.52	2.94	2.7	22.64	22.1	0	0	160	1	0	1	0	1	0	0.060	0
181	178	14.6	3.12	2.7	23.59	22.97	0	0	205	1	0	0	0	1	0	0.060	0
182	179	14.68	3.23	2.7	23.9	22.53	0	0	232	1	0	0	0	1	0	0.060	0
183	180	14.76	3.28	2.7	24.17	23.06	0	0	247	1	0	0	0	1	0	0.060	0
184	181	14.85	3.21	2.7	24.48	23.81	0	0	239	1	0	0	0	1	0	0.060	0
185	182	14.93	3.31	2.7	23.42	23.56	0	0	238	1	0	0	0	1	0	0.060	0
186	183	15.01	3.54	2.8	21.13	20.19	0	0	228	1	0	0	0	1	0	0.060	0
187	184	15.09	3.81	2.9	18.34	17.4	0	0	193	1	0	0	0	1	0	0.060	0
188	185	15.17	3.72	2.9	16.53	15.62	0	0	124	1	0	0	0	1	0	0.060	0
189	186	15.26	3.42	2.9	15.78	14.95	0	0	78	1	0	0	1	1	0	0.060	0
190	187	15.34	3.12	2.9	15.62	15.14	0	0	58	1	0	0	1	1	0	0.060	0
191	188	15.42	2.98	2.8	15.54	15.12	0	0	50	1	0	1	1	1	0	0.060	0
192	189	15.5	2.83	2.8	15.35	14.84	0	0	41	1	0	1	1	1	0	0.060	0
193	190	15.58	2.64	2.8	15.07	14.84	0	0	31	1	0	1	1	1	0	0.060	0
194	191	15.67	2.41	2.8	14.79	14.55	0	0	23	1	0	1	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.33	2.8	14.61	14.21	0	0	20	1	0	1	1	1	0	0.060	0
196	193	15.83	2.31	2.8	14.65	14.43	0	0	20	1	0	1	1	1	0	0.060	0
197	194	15.91	2.45	2.8	14.92	14.72	0	0	25	1	0	1	1	1	0	0.060	0
198	195	15.99	2.58	2.8	15.17	15.01	0	0	31	1	0	1	1	1	0	0.060	0
199	196	16.08	2.81	2.8	15.59	15.17	0	0	44	1	0	1	1	1	0	0.060	0
200	197	16.16	3.09	2.8	15.91	15.94	0	0	61	1	0	0	1	1	0	0.060	0
201	198	16.24	3.32	2.9	16.09	16.07	0	0	79	1	0	0	1	1	0	0.060	0
202	199	16.32	3.5	2.9	15.85	15.85	0	0	86	1	0	0	0	1	0	0.060	0
203	200	16.4	3.56	2.9	15.37	15.49	0	0	77	1	0	0	1	1	0	0.060	0
204	201	16.49	3.61	2.9	14.8	14.77	0	0	64	1	0	0	1	1	0	0.060	0
205	202	16.57	3.53	2.9	14.47	14.27	0	0	52	1	0	0	1	1	0	0.060	0
206	203	16.65	3.31	2.9	14.44	14.52	0	0	42	1	0	0	1	1	0	0.060	0
207	204	16.73	3.1	2.9	14.57	14.73	0	0	38	1	0	0	1	1	0	0.060	0
208	205	16.81	3	2.9	14.61	14.76	0	0	35	1	0	0	1	1	0	0.060	0
209	206	16.9	3.04	2.9	14.53	14.75	0	0	35	1	0	0	1	1	0	0.060	0
210	207	16.98	3.18	2.9	14.13	14.59	0	0	32	1	0	0	1	1	0	0.060	0
211	208	17.06	3.3	2.9	13.63	13.74	0	0	24	1	0	0	1	1	0	0.060	0
212	209	17.14	3.41	2.9	13.21	13.38	0	0	17	1	0	0	1	1	0	0.060	0
213	210	17.22	3.45	2.9	13.23	13.5	0	0	18	1	0	0	1	1	0	0.060	0
214	211	17.31	3.49	2.9	13.34	13.88	0	0	21	1	0	0	1	1	0	0.060	0
215	212	17.39	3.49	2.9	13.44	13.78	0	0	24	1	0	0	1	1	0	0.060	0
216	213	17.47	3.45	2.9	13.46	13.85	0	0	24	1	0	0	1	1	0	0.060	0
217	214	17.55	3.47	2.9	13.41	14	0	0	23	1	0	0	1	1	0	0.060	0
218	215	17.63	3.5	2.9	13.03	13.71	0	0	14	1	0	0	1	1	0	0.060	0
219	216	17.72	3.45	3.0	12.42	12.83	0	0	-2	1	0	0	1	1	0	0.060	0
220	217	17.8	3.28	3.0	11.84	12.31	0	0	-14	1	0	0	1	1	0	0.060	0
221	218	17.88	3.06	3.0	11.54	12.09	0	0	-17	1	0	0	1	1	0	0.060	0
222	219	17.96	2.84	2.9	11.58	11.98	0	0	-13	1	0	1	1	1	0	0.060	0
223	220	18.04	2.68	2.9	11.84	12.37	0	0	-8	1	0	1	1	1	0	0.060	0
224	221	18.13	2.59	2.9	12.11	12.79	0	0	-5	1	0	1	1	1	0	0.060	0
225	222	18.21	2.62	2.9	12.25	12.77	0	0	-3	1	0	1	1	1	0	0.060	0
226	223	18.29	2.74	2.9	12.11	12.87	0	0	-5	1	0	1	1	1	0	0.060	0
227	224	18.37	2.84	2.9	12.04	12.51	0	0	-7	1	0	1	1	1	0	0.060	0
228	225	18.45	2.88	2.9	11.95	12.66	0	0	-8	1	0	1	1	1	0	0.060	0
229	226	18.54	2.78	2.9	12.05	12.62	0	0	-6	1	0	1	1	1	0	0.060	0
230	227	18.62	2.72	2.9	12.06	12.74	0	0	-6	1	0	1	1	1	0	0.060	0
231	228	18.7	2.72	2.9	12.19	12.7	0	0	-4	1	0	1	1	1	0	0.060	0
232	229	18.78	2.71	2.9	12.43	13.01	0	0	-1	1	0	1	1	1	0	0.060	0
233	230	18.86	2.54	2.9	12.97	13.49	0	0	5	1	0	1	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.41	2.8	13.48	14.42	0	0	10	1	0	1	1	1	0	0.060	0
235	232	19.03	2.46	2.8	13.78	14.71	0	0	13	1	0	1	1	1	0	0.060	0
236	233	19.11	2.7	2.9	13.75	14.56	0	0	16	1	0	1	1	1	0	0.060	0
237	234	19.19	2.95	2.9	13.63	14.48	0	0	18	1	0	1	1	1	0	0.060	0
238	235	19.27	3.12	2.9	13.51	14.43	0	0	19	1	0	0	1	1	0	0.060	0
239	236	19.36	3.23	2.9	13.21	14.26	0	0	14	1	0	0	1	1	0	0.060	0
240	237	19.44	3.26	2.9	12.83	13.62	0	0	7	1	0	0	1	1	0	0.060	0
241	238	19.52	3.25	2.9	12.44	13.3	0	0	-1	1	0	0	1	1	0	0.060	0
242	239	19.6	3.17	2.9	12.15	13.05	0	0	-7	1	0	0	1	1	0	0.060	0
243	240	19.68	3.11	2.9	11.93	12.73	0	0	-10	1	0	0	1	1	0	0.060	0
244	241	19.77	3.12	3.0	11.8	12.62	0	0	-13	1	0	0	1	1	0	0.060	0
245	242	19.85	3.19	3.0	11.66	12.73	0	0	-16	1	0	0	1	1	0	0.060	0
246	243	19.93	3.28	3.0	11.55	12.43	0	0	-20	1	0	0	1	1	0	0.060	0
247	244	20.01	3.33	3.0	11.43	12.4	0	0	-24	1	0	0	1	1	0	0.060	0
248	245	20.09	3.36	3.0	11.46	12.49	0	0	-24	1	0	0	1	1	0	0.060	0
249	246	20.18	3.42	3.0	11.76	12.61	0	0	-18	1	0	0	1	1	0	0.060	0
250	247	20.26	3.52	3.0	12.79	13.35	0	0	8	1	0	0	1	1	0	0.060	0
251	248	20.34	3.7	2.9	14.2	15.77	0	0	51	1	0	0	1	1	0	0.060	0
252	249	20.42	3.88	2.9	15.12	17.23	0	0	92	1	0	0	0	1	0	0.060	0
253	250	20.5	4.16	2.9	15.29	16.7	0	0	113	1	0	0	0	1	0	0.060	0
254	251	20.59	4.22	2.9	15.7	16.71	0	0	148	1	0	0	0	1	0	0.060	0
255	252	20.67	4.02	2.9	17.24	18.74	0	0	187	1	0	0	0	1	0	0.060	0
256	253	20.75	3.67	2.8	19.27	21.51	0	0	199	1	0	0	0	1	0	0.060	0
257	254	20.83	3.47	2.8	20.85	23.17	0	0	208	1	0	0	0	1	0	0.060	0
258	255	20.92	3.5	2.8	21.47	23.9	0	0	229	1	0	0	0	1	0	0.060	0
259	256	21	3.61	2.8	21.3	23.79	0	0	247	1	0	0	0	1	0	0.060	0
260	257	21.08	3.85	2.8	20.04	22.91	0	0	258	1	0	0	0	1	0	0.060	0
261	258	21.16	4.23	2.9	17.52	20.15	0	0	235	1	0	0	0	1	0	0.060	0
262	259	21.24	4.75	3.0	14.28	15.97	0	0	126	1	0	0	0	1	0	0.060	0
263	260	21.33	5.1	3.1	11.37	12.62	0	0	-106	1	0	0	1	1	0	0.060	0
264	261	21.41	4.93	3.2	9.3	10.82	0	0	-262	1	0	0	1	1	0	0.060	0
265	262	21.49	4.37	3.2	7.99	9.33	0	0	-236	1	0	0	1	1	0	0.060	0
266	263	21.57	3.77	3.2	7.25	8.34	0	0	-168	1	0	0	1	1	0	0.060	0
267	264	21.65	3.26	3.1	7.03	8.3	0	0	-114	1	0	0	1	1	0	0.060	0
268	265	21.74	2.86	3.1	7.19	8.5	0	0	-78	1	0	1	1	1	0	0.060	0
269	266	21.82	2.62	3.1	7.37	8.71	0	0	-61	1	0	1	1	1	0	0.060	0
270	267	21.9	2.58	3.1	7.45	8.79	0	0	-58	1	0	1	1	1	0	0.060	0
271	268	21.98	2.53	3.1	7.32	8.67	0	0	-57	1	0	1	1	1	0	0.060	0
272	269	22.06	2.42	3.1	7.1	8.26	0	0	-54	1	0	1	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.3	3.1	6.89	8.09	0	0	-51	1	0	1	1	1	0	0.060	0
274	271	22.23	2.24	3.1	6.93	8.03	0	0	-48	1	0	1	1	1	0	0.060	0
275	272	22.31	2.2	3.1	7.18	8.3	0	0	-44	1	0	1	1	1	0	0.060	0
276	273	22.39	2.24	3.0	7.53	8.72	0	0	-42	1	0	1	1	1	0	0.060	0
277	274	22.47	2.36	3.0	7.9	9	0	0	-44	1	0	1	1	1	0	0.060	0
278	275	22.56	2.62	3.1	7.92	9.48	0	0	-55	1	0	1	1	1	0	0.060	0
279	276	22.64	2.99	3.1	7.8	8.97	0	0	-78	1	0	1	1	1	0	0.060	0
280	277	22.72	3.38	3.1	7.6	8.84	0	0	-113	1	0	0	1	1	0	0.060	0
281	278	22.8	3.63	3.1	7.93	9.04	0	0	-130	1	0	0	1	1	0	0.060	0
282	279	22.88	3.59	3.1	8.83	10.1	0	0	-101	1	0	0	1	1	0	0.060	0
283	280	22.97	3.43	3.0	10.27	11.77	0	0	-54	1	0	0	1	1	0	0.060	0
284	281	23.05	3.59	3.0	11.68	13.91	0	0	-23	1	0	0	1	1	0	0.060	0
285	282	23.13	3.74	3.0	12.82	15.15	0	0	10	1	0	0	1	1	0	0.060	0
286	283	23.21	4.01	3.0	12.93	16.02	0	0	17	1	0	0	1	1	0	0.060	0
287	284	23.29	4.11	3.0	12.3	14.67	0	0	-8	1	0	0	1	1	0	0.060	0
288	285	23.38	4.1	3.0	11.56	13.24	0	0	-40	1	0	0	1	1	0	0.060	0
289	286	23.46	3.18	2.9	13.73	13.53	0	0	24	1	0	0	1	1	0	0.060	0
290	287	23.54	2.21	2.7	18.89	21.85	0	0	53	1	0	1	1	1	0	0.060	0
291	288	23.62	1.82	2.6	23.8	29.81	0.02	0.4	66	1	0	1	1	1	0	0.060	0
292	289	23.7	2.01	2.6	24.79	29.21	0.02	0.4	65	1	1	1	0	1	0	0.040	0
293	290	23.79	2.5	2.7	22.31	25.59	0	0	106	1	0	1	0	1	0	0.020	0
294	291	23.87	3.13	2.8	19.1	22.4	0	0	123	1	0	0	0	1	0	0.020	0
295	292	23.95	3.69	2.9	16.75	19.24	0	0	127	1	0	0	0	1	0	0.020	0
296	293	24.03	4.02	2.9	15.87	18.09	0	0	133	1	0	0	0	1	0	0.020	0
297	294	24.11	3.81	2.9	17.1	19.45	0	0	152	1	0	0	0	1	0	0.020	0
298	295	24.2	3.32	2.8	19.61	23.54	0	0	156	1	0	0	0	1	0	0.020	0
299	296	24.28	3.07	2.7	21.42	26.41	0	0	158	1	0	0	0	1	0	0.020	0
300	297	24.36	3.12	2.7	21.22	25.43	0	0	161	1	0	0	0	1	0	0.020	0
301	298	24.44	3.37	2.8	19.45	23.11	0	0	159	1	0	0	0	1	0	0.020	0
302	299	24.52	3.66	2.9	17.38	20.84	0	0	143	1	0	0	0	1	0	0.020	0
303	300	24.61	4.02	2.9	15.53	18.68	0	0	119	1	0	0	0	1	0	0.020	0
304	301	24.69	4.46	3.0	14.14	16.78	0	0	92	1	0	0	0	1	0	0.020	0
305	302	24.77	4.99	3.0	13.62	16.02	0	0	96	1	0	0	0	1	0	0.020	0
306	303	24.85	5.12	3.0	14.32	16.83	0	0	173	1	0	0	0	1	0	0.020	0
307	304	24.93	4.64	2.9	16.92	19.19	0	0	288	1	0	0	0	1	0	0.020	0
308	305	25.02	3.94	2.8	20.63	25.12	0	0	300	1	0	0	0	1	0	0.020	0
309	306	25.1	3.52	2.7	23.83	29.81	0	0	294	1	0	0	0	1	0	0.020	0
310	307	25.18	3.52	2.7	24.56	29.9	0	0	313	1	0	0	0	1	0	0.020	0
311	308	25.26	3.81	2.8	22.99	27.8	0	0	347	1	0	0	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	4.06	2.8	20.49	24.94	0	0	325	1	0	0	0	1	0	0.020	0
313	310	25.43	4.06	2.9	17.87	21.68	0	0	219	1	0	0	0	1	0	0.020	0
314	311	25.51	3.85	2.9	15.34	18.72	0	0	97	1	0	0	0	1	0	0.020	0
315	312	25.59	3.7	2.9	13.86	16.07	0	0	41	1	0	0	1	1	0	0.020	0
316	313	25.67	3.81	3.0	13.41	16.52	0	0	30	1	0	0	1	1	0	0.020	0
317	314	25.75	4.09	3.0	13.77	17.05	0	0	53	1	0	0	1	1	0	0.020	0
318	315	25.84	4.46	3.0	13.78	17.32	0	0	72	1	0	0	1	1	0	0.020	0
319	316	25.92	4.83	3.0	13.11	16.59	0	0	46	1	0	0	1	1	0	0.020	0
320	317	26	5.23	3.1	11.92	14.82	0	0	-60	1	0	0	1	1	0	0.020	0
321	318	26.08	5.67	3.2	10.45	13.2	0	0	-298	1	0	0	1	1	0	0.020	0
322	319	26.16	5.99	3.2	9.03	11.48	0	0	-642	1	0	0	1	1	0	0.020	0
323	320	26.25	5.94	3.3	7.83	9.88	0	0	-832	1	0	0	1	1	0	0.020	0
324	321	26.33	5.58	3.3	6.89	9.01	0	0	-760	1	0	0	1	1	0	0.020	0
325	322	26.41	4.92	3.3	6.28	8.19	0	0	-505	1	0	0	1	1	0	0.020	0
326	323	26.49	4.46	3.3	6.11	7.68	0	0	-360	1	0	0	1	1	0	0.020	0
327	324	26.57	3.73	3.2	6.88	8.21	0	0	-174	1	0	0	1	1	0	0.020	0
328	325	26.66	3.36	3.1	8.19	10.55	0	0	-98	1	0	0	1	1	0	0.020	0
329	326	26.74	3.29	3.1	8.9	11.99	0	0	-77	1	0	0	1	1	0	0.020	0
330	327	26.82	3.77	3.1	8.59	10.89	0	0	-125	1	0	0	1	1	0	0.020	0
331	328	26.9	4.47	3.2	7.73	9.81	0	0	-211	1	0	0	1	1	0	0.020	0
332	329	26.98	4.75	3.2	7.38	9.22	0	0	-364	1	0	0	1	1	0	0.020	0
333	330	27.07	4.5	3.2	7.39	9.5	0	0	-297	1	0	0	1	1	0	0.020	0
334	331	27.15	4.19	3.2	7.56	9.57	0	0	-224	1	0	0	1	1	0	0.020	0
335	332	27.23	4.34	3.2	7.49	9.62	0	0	-256	1	0	0	1	1	0	0.020	0
336	333	27.31	4.8	3.2	7.43	9.19	0	0	-375	1	0	0	1	1	0	0.020	0
337	334	27.39	4.98	3.2	8.43	9.23	0	0	-347	1	0	0	1	1	0	0.020	0
338	335	27.48	4.54	3.1	10.87	12.8	0	0	-98	1	0	0	1	1	0	0.020	0
339	336	27.56	4.33	3.0	13.4	17.82	0	0	46	1	0	0	1	1	0	0.020	0
340	337	27.64	4.54	3.0	14.89	18.76	0	0	144	1	0	0	0	1	0	0.020	0
341	338	27.72	4.6	2.9	16.62	18.91	0	0	260	1	0	0	0	1	0	0.020	0
342	339	27.8	3.84	2.8	20.89	24.49	0	0	285	1	0	0	0	1	0	0.020	0
343	340	27.89	2.79	2.6	28.17	34.07	0	0	218	1	0	1	0	1	0	0.020	0
344	341	27.97	1.96	2.4	36.9	42.87	0	0	162	1	1	1	0	1	0	0.020	0
345	342	28.05	1.45	2.3	44.96	52.52	0	0	134	1	1	1	0	1	0	0.020	0
346	343	28.13	1.14	2.2	51.54	59.22	0	0	120	1	1	1	0	1	0	0.020	0
347	344	28.21	0.93	2.1	55.04	62.78	0	0	107	1	1	1	0	1	0	0.020	0
348	345	28.3	0.77	2.1	56.09	62.12	0	0	94	1	1	1	0	1	0	0.020	0
349	346	28.38	0.61	2.0	55.96	60.67	0	0	80	1	1	1	0	1	0	0.020	0
350	347	28.46	0.52	2.0	55.64	60.15	0	0	73	1	1	1	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	0.55	2.0	51.91	59.98	0	0	68	1	1	1	1	1	0	0.020	0
352	349	28.63	0.67	2.1	46.83	49.47	0	0	67	1	1	1	1	1	0	0.020	0
353	350	28.71	0.91	2.2	39.96	45.96	0	0	68	1	1	1	1	1	0	0.020	0
354	351	28.79	1.12	2.3	36.07	40.03	0	0	71	1	1	1	1	1	0	0.020	0
355	352	28.87	1.32	2.4	33.12	38.29	0	0	75	1	1	1	1	1	0	0.020	0
356	353	28.95	1.54	2.5	29.47	37.16	0	0	76	1	1	1	1	1	0	0.020	0
357	354	29.04	1.99	2.6	25.36	28.71	0	0	87	1	1	1	0	1	0	0.020	0
358	355	29.12	2.73	2.7	21.24	25.52	0	0	115	1	0	1	0	1	0	0.020	0
359	356	29.2	3.41	2.8	19.05	24.21	0	0	155	1	0	0	0	1	0	0.020	0
360	357	29.28	3.93	2.9	17.41	21.95	0	0	180	1	0	0	0	1	0	0.020	0
361	358	29.36	4.57	2.9	15.99	19.84	0	0	215	1	0	0	0	1	0	0.020	0
362	359	29.45	5.25	3.0	15.26	19.08	0	0	290	1	0	0	0	1	0	0.020	0
363	360	29.53	5.82	3.0	15.52	19.35	0	0	491	1	0	0	0	1	0	0.020	0
364	361	29.61	5.91	3.0	16.48	20.81	0	0	693	1	0	0	0	1	0	0.020	0
365	362	29.69	5.46	3.0	17.37	22.65	0	0	602	1	0	0	0	1	0	0.020	0
366	363	29.77	4.5	2.9	18.91	22.69	0	0	373	1	0	0	0	1	0	0.020	0
367	364	29.86	3.37	2.8	21.52	26.5	0	0	206	1	0	0	0	1	0	0.020	0
368	365	29.94	2.59	2.6	24.98	31.61	0	0	45	1	0	1	0	1	0	0.020	0
369	366	30.02	2.29	2.6	26.19	33.84	0.02	0.35	22	1	1	1	0	1	0	0.020	0
370	367	30.1	2.34	2.6	24.3	30.25	0	0	1	1	0	1	0	1	0	0.000	0
371	368	30.18	2.82	2.7	20.27	25.29	0	0	11	1	0	1	0	1	0	0.000	0
372	369	30.27	3.67	2.9	16	20.56	0	0	03	1	0	0	0	1	0	0.000	0
373	370	30.35	4.55	3.0	12.52	15.59	0	0	1	1	0	0	1	1	0	0.000	0
374	371	30.43	5.41	3.2	9.79	12.56	0	0	-322	1	0	0	1	1	0	0.000	0
375	372	30.51	5.63	3.2	8.06	10.62	0	0	-625	1	0	0	1	1	0	0.000	0
376	373	30.59	5.96	3.3	6.76	9.28	0	0	-1038	1	0	0	1	1	0	0.000	0
377	374	30.68	5.83	3.3	6.29	7.84	0	0	-1018	1	0	0	1	1	0	0.000	0
378	375	30.76	5.75	3.3	6.68	8.85	0	0	-898	1	0	0	1	1	0	0.000	0
379	376	30.84	5.55	3.2	7.96	10.62	0	0	-601	1	0	0	1	1	0	0.000	0
380	377	30.92	5.6	3.2	9.13	12.43	0	0	-464	1	0	0	1	1	0	0.000	0
381	378	31	5.79	3.2	9.8	13.15	0	0	-429	1	0	0	1	1	0	0.000	0
382	379	31.09	6.01	3.2	9.78	13.14	0	0	-510	1	0	0	1	1	0	0.000	0
383	380	31.17	6.04	3.2	9.23	12.48	0	0	-628	1	0	0	1	1	0	0.000	0
384	381	31.25	5.77	3.2	8.24	11.23	0	0	-667	1	0	0	1	1	0	0.000	0
385	382	31.33	5.54	3.3	7.14	9.58	0	0	-705	1	0	0	1	1	0	0.000	0
386	383	31.41	5.36	3.3	6.12	8.54	0	0	-730	1	0	0	1	1	0	0.000	0
387	384	31.5	5.23	3.4	5.48	7.54	0	0	-727	1	0	0	1	1	0	0.000	0
388	385	31.58	4.84	3.4	5.18	7.25	0	0	-558	1	0	0	1	1	0	0.000	0
389	386	31.66	4.34	3.3	5.27	7.42	0	0	-370	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	4.1	3.3	5.48	7.82	0	0	-295	1	0	0	1	1	0	0.000	0
391	388	31.82	4.02	3.3	5.69	7.94	0	0	-268	1	0	0	1	1	0	0.000	0
392	389	31.91	4.09	3.3	5.79	8.1	0	0	-280	1	0	0	1	1	0	0.000	0
393	390	31.99	4.06	3.3	5.85	8.13	0	0	-271	1	0	0	1	1	0	0.000	0
394	391	32.07	3.99	3.3	5.82	8.09	0	0	-257	1	0	0	1	1	0	0.000	0
395	392	32.15	3.79	3.3	5.78	7.98	0	0	-219	1	0	0	1	1	0	0.000	0
396	393	32.23	3.7	3.3	5.75	7.99	0	0	-204	1	0	0	1	1	0	0.000	0
397	394	32.32	3.7	3.2	5.82	7.99	0	0	-202	1	0	0	1	1	0	0.000	0
398	395	32.4	3.81	3.2	5.9	8.09	0	0	-219	1	0	0	1	1	0	0.000	0
399	396	32.48	3.92	3.3	5.97	8.13	0	0	-237	1	0	0	1	1	0	0.000	0
400	397	32.56	3.99	3.3	5.97	8.12	0	0	-251	1	0	0	1	1	0	0.000	0
401	398	32.64	4.09	3.3	5.93	8.07	0	0	-274	1	0	0	1	1	0	0.000	0
402	399	32.73	4.13	3.3	5.91	8.02	0	0	-284	1	0	0	1	1	0	0.000	0
403	400	32.81	4.19	3.3	5.92	8.09	0	0	-298	1	0	0	1	1	0	0.000	0
404	401	32.89	4.24	3.3	5.92	8.12	0	0	-310	1	0	0	1	1	0	0.000	0
405	402	32.97	4.38	3.3	5.87	8.08	0	0	-350	1	0	0	1	1	0	0.000	0
406	403	33.05	4.53	3.3	5.77	7.96	0	0	-401	1	0	0	1	1	0	0.000	0
407	404	33.14	4.59	3.3	5.67	7.85	0	0	-427	1	0	0	1	1	0	0.000	0
408	405	33.22	4.6	3.3	5.6	7.74	0	0	-435	1	0	0	1	1	0	0.000	0
409	406	33.3	4.64	3.3	5.54	7.69	0	0	-453	1	0	0	1	1	0	0.000	0
410	407	33.38	4.72	3.3	5.54	7.65	0	0	-483	1	0	0	1	1	0	0.000	0
411	408	33.46	4.7	3.3	5.59	7.72	0	0	-472	1	0	0	1	1	0	0.000	0
412	409	33.55	4.62	3.3	5.65	7.85	0	0	-439	1	0	0	1	1	0	0.000	0
413	410	33.63	4.49	3.3	5.63	7.89	0	0	-396	1	0	0	1	1	0	0.000	0
414	411	33.71	4.36	3.3	5.5	7.72	0	0	-364	1	0	0	1	1	0	0.000	0
415	412	33.79	4.24	3.3	5.32	7.43	0	0	-338	1	0	0	1	1	0	0.000	0
416	413	33.87	4.01	3.3	5.22	7.26	0	0	-284	1	0	0	1	1	0	0.000	0
417	414	33.96	3.77	3.3	5.3	7.31	0	0	-231	1	0	0	1	1	0	0.000	0
418	415	34.04	3.54	3.3	5.53	7.64	0	0	-184	1	0	0	1	1	0	0.000	0
419	416	34.12	3.48	3.2	5.75	7.95	0	0	-170	1	0	0	1	1	0	0.000	0
420	417	34.2	3.56	3.2	5.8	7.99	0	0	-180	1	0	0	1	1	0	0.000	0
421	418	34.28	3.75	3.3	5.72	7.76	0	0	-214	1	0	0	1	1	0	0.000	0
422	419	34.37	3.97	3.3	5.59	7.66	0	0	-261	1	0	0	1	1	0	0.000	0
423	420	34.45	4.1	3.3	5.55	7.5	0	0	-292	1	0	0	1	1	0	0.000	0
424	421	34.53	4.09	3.3	5.55	7.62	0	0	-290	1	0	0	1	1	0	0.000	0
425	422	34.61	4.02	3.3	5.57	7.67	0	0	-273	1	0	0	1	1	0	0.000	0
426	423	34.69	4.05	3.3	5.6	7.65	0	0	-279	1	0	0	1	1	0	0.000	0
427	424	34.78	4.11	3.3	5.66	7.78	0	0	-290	1	0	0	1	1	0	0.000	0
428	425	34.86	4.2	3.3	5.74	7.93	0	0	-308	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.29	3.3	5.81	7.95	0	0	-328	1	0	0	1	1	0	0.000	0
430	427	35.02	4.41	3.3	5.87	8.05	0	0	-359	1	0	0	1	1	0	0.000	0
431	428	35.1	4.55	3.3	5.89	8.21	0	0	-400	1	0	0	1	1	0	0.000	0
432	429	35.19	4.7	3.3	5.88	8.07	0	0	-452	1	0	0	1	1	0	0.000	0
433	430	35.27	4.66	3.3	5.83	8.07	0	0	-441	1	0	0	1	1	0	0.000	0
434	431	35.35	4.44	3.3	5.78	8.11	0	0	-372	1	0	0	1	1	0	0.000	0
435	432	35.43	4.08	3.3	5.65	7.97	0	0	-283	1	0	0	1	1	0	0.000	0
436	433	35.51	3.88	3.3	5.46	7.67	0	0	-247	1	0	0	1	1	0	0.000	0
437	434	35.6	3.84	3.3	5.36	7.45	0	0	-242	1	0	0	1	1	0	0.000	0
438	435	35.68	3.88	3.3	5.34	7.48	0	0	-251	1	0	0	1	1	0	0.000	0
439	436	35.76	3.89	3.3	5.46	7.43	0	0	-249	1	0	0	1	1	0	0.000	0
440	437	35.84	3.87	3.3	5.55	7.69	0	0	-242	1	0	0	1	1	0	0.000	0
441	438	35.92	3.99	3.3	5.62	7.79	0	0	-264	1	0	0	1	1	0	0.000	0
442	439	36.01	4.19	3.3	5.61	7.75	0	0	-312	1	0	0	1	1	0	0.000	0
443	440	36.09	4.4	3.3	5.6	7.79	0	0	-370	1	0	0	1	1	0	0.000	0
444	441	36.17	4.49	3.3	5.63	7.87	0	0	-396	1	0	0	1	1	0	0.000	0
445	442	36.25	4.43	3.3	5.67	7.91	0	0	-376	1	0	0	1	1	0	0.000	0
446	443	36.33	4.37	3.3	5.85	8	0	0	-348	1	0	0	1	1	0	0.000	0
447	444	36.42	4.44	3.2	6.6	8.55	0	0	-227	1	0	0	1	1	0	0.000	0
448	445	36.5	4.53	3.2	7.92	10.58	0	0	-213	1	0	0	1	1	0	0.000	0
449	446	36.58	4.63	3.1	9.87	12.78	0	0	-170	1	0	0	1	1	0	0.000	0
450	447	36.66	4.76	3.1	12.11	16.07	0	0	28	1	0	0	1	1	0	0.000	0
451	448	36.74	4.94	3.0	14.43	19.67	0	0	159	1	0	0	0	1	0	0.000	0
452	449	36.83	5.26	3.0	16.1	22.34	0	0	381	1	0	0	0	1	0	0.000	0
453	450	36.91	5.57	3.0	16.78	22.96	0	0	576	1	0	0	0	1	0	0.000	0
454	451	36.99	6	3.0	16.6	22.49	0	0	764	1	0	0	0	1	0	0.000	0
455	452	37.07	6.4	3.0	16.04	21.68	0	0	888	1	0	0	0	1	0	0.000	0
456	453	37.16	6.6	3.1	15.8	20.8	0	0	958	1	0	0	0	1	0	0.000	0
457	454	37.24	6.5	3.1	15.83	21.56	0	0	899	1	0	0	0	1	0	0.000	0
458	455	37.32	6.07	3.0	15.99	21.94	0	0	685	1	0	0	0	1	0	0.000	0
459	456	37.4	5.64	3.0	15.62	21.53	0	0	443	1	0	0	0	1	0	0.000	0
460	457	37.48	5.59	3.0	14.46	20.19	0	0	268	1	0	0	0	1	0	0.000	0
461	458	37.57	5.96	3.1	12.92	17.46	0	0	76	1	0	0	1	1	0	0.000	0
462	459	37.65	6.69	3.2	11.36	15.59	0	0	-354	1	0	0	1	1	0	0.000	0
463	460	37.73	7.31	3.2	10.1	14.16	0	0	-1162	1	0	0	1	1	0	0.000	0
464	461	37.81	7.86	3.3	8.93	12.64	0	0	-2542	1	0	0	1	1	0	0.000	0
465	462	37.89	8.54	3.4	7.72	11.14	0	0	-5417	1	0	0	1	1	0	0.000	0
466	463	37.98	9	3.4	6.58	9.57	0	0	-9124	1	0	0	1	1	0	0.000	0
467	464	38.06	9.07	3.5	5.62	8.33	0	0	-11106	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	8.32	3.5	4.97	7.49	0	0	-7352	1	0	0	1	1	0	0.000	0
469	466	38.22	7.1	3.5	4.61	7.13	0	0	-3289	1	0	0	1	1	0	0.000	0
470	467	38.3	5.85	3.5	4.43	6.95	0	0	-1343	1	0	0	1	1	0	0.000	0
471	468	38.39	4.98	3.4	4.35	6.74	0	0	-694	1	0	0	1	1	0	0.000	0
472	469	38.47	4.4	3.4	4.34	6.74	0	0	-438	1	0	0	1	1	0	0.000	0
473	470	38.55	3.87	3.4	4.39	6.78	0	0	-282	1	0	0	1	1	0	0.000	0
474	471	38.63	3.51	3.3	4.47	6.8	0	0	-207	1	0	0	1	1	0	0.000	0
475	472	38.71	3.47	3.3	4.56	6.93	0	0	-198	1	0	0	1	1	0	0.000	0
476	473	38.8	3.56	3.3	4.96	7.03	0	0	-203	1	0	0	1	1	0	0.000	0
477	474	38.88	3.71	3.3	5.38	7.95	0	0	-217	1	0	0	1	1	0	0.000	0
478	475	38.96	3.9	3.3	5.81	8.21	0	0	-239	1	0	0	1	1	0	0.000	0
479	476	39.04	4.24	3.3	5.96	8.42	0	0	-308	1	0	0	1	1	0	0.000	0
480	477	39.12	4.55	3.3	6.13	8.68	0	0	-386	1	0	0	1	1	0	0.000	0
481	478	39.21	4.84	3.3	6.28	8.96	0	0	-474	1	0	0	1	1	0	0.000	0
482	479	39.29	5.04	3.3	6.42	9.09	0	0	-543	1	0	0	1	1	0	0.000	0
483	480	39.37	5.2	3.3	6.57	9.29	0	0	-600	1	0	0	1	1	0	0.000	0
484	481	39.45	5.38	3.3	6.68	9.62	0	0	-677	1	0	0	1	1	0	0.000	0
485	482	39.53	5.62	3.3	6.71	9.67	0	0	-709	1	0	0	1	1	0	0.000	0
486	483	39.62	5.8	3.3	6.58	9.62	0	0	-749	1	0	0	1	1	0	0.000	0
487	484	39.7	5.87	3.3	6.34	9.35	0	0	-1041	1	0	0	1	1	0	0.000	0
488	485	39.78	5.82	3.3	6.03	8.91	0	0	-1052	1	0	0	1	1	0	0.000	0
489	486	39.86	5.65	3.4	5.79	8.55	0	0	-959	1	0	0	1	1	0	0.000	0
490	487	39.94	5.09	3.3	5.79	8.44	0	0	-623	1	0	0	1	1	0	0.000	0
491	488	40.03	4.55	3.3	5.93	8.82	0	0	-398	1	0	0	1	1	0	0.000	0
492	489	40.11	4.16	3.3	6.13	8.9	0	0	-281	1	0	0	1	1	0	0.000	0
493	490	40.19	4.07	3.2	6.22	8.97	0	0	-258	1	0	0	1	1	0	0.000	0
494	491	40.27	3.99	3.2	6.41	9	0	0	-234	1	0	0	1	1	0	0.000	0
495	492	40.35	3.88	3.2	6.64	9.45	0	0	-206	1	0	0	1	1	0	0.000	0
496	493	40.44	3.77	3.2	6.72	9.74	0	0	-185	1	0	0	1	1	0	0.000	0
497	494	40.52	3.67	3.2	6.55	9.35	0	0	-175	1	0	0	1	1	0	0.000	0
498	495	40.6	3.69	3.2	6.27	8.96	0	0	-187	1	0	0	1	1	0	0.000	0
499	496	40.68	3.62	3.2	6.1	8.68	0	0	-181	1	0	0	1	1	0	0.000	0
500	497	40.76	3.3	3.2	6.05	8.63	0	0	-139	1	0	0	1	1	0	0.000	0
501	498	40.85	2.62	3.1	6.13	8.59	0	0	-76	1	0	1	1	1	0	0.000	0
502	499	40.93	2.03	3.1	6.23	8.88	0	0	-44	1	0	1	1	1	0	0.000	0
503	500	41.01	1.9	3.1	6.19	8.89	0	0	-40	1	0	1	1	1	0	0.000	0
504	501	41.09	2.48	3.1	6.02	8.44	0	0	-69	1	0	1	1	1	0	0.000	0
505	502	41.17	2.74	3.1	6.51	8.17	0	0	-80	1	0	1	1	1	0	0.000	0
506	503	41.26	2.45	3.0	8.01	10.5	0	0	-46	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2	2.9	9.6	14.07	0	0	-20	1	0	1	1	1	0	0.000	0
508	505	41.42	1.98	2.9	10.02	14.92	0	0	-17	1	0	1	1	1	0	0.000	0
509	506	41.5	2.35	3.0	8.92	13.11	0	0	-34	1	0	1	1	1	0	0.000	0
510	507	41.58	2.99	3.1	7.46	10.58	0	0	-83	1	0	1	1	1	0	0.000	0
511	508	41.67	3.66	3.2	6.35	9.35	0	0	-180	1	0	0	1	1	0	0.000	0
512	509	41.75	3.71	3.2	5.98	8.39	0	0	-199	1	0	0	1	1	0	0.000	0
513	510	41.83	3.14	3.2	6.06	8.54	0	0	-121	1	0	0	1	1	0	0.000	0
514	511	41.91	2.2	3.1	6.43	9.04	0	0	-50	1	0	1	1	1	0	0.000	0
515	512	41.99	1.85	3.0	6.57	9.54	0	0	-35	1	0	1	1	1	0	0.000	0
516	513	42.08	2.07	3.1	6.73	9.29	0	0	-42	1	0	1	1	1	0	0.000	0
517	514	42.16	2.85	3.1	6.79	9.57	0	0	-84	1	0	1	1	1	0	0.000	0
518	515	42.24	3.4	3.1	7.34	9.6	0	0	-121	1	0	0	1	1	0	0.000	0
519	516	42.32	3.39	3.1	7.96	11.05	0	0	-106	1	0	0	1	1	0	0.000	0
520	517	42.4	2.9	3.0	8.75	12.35	0	0	-57	1	0	1	1	1	0	0.000	0
521	518	42.49	2.54	3.0	8.67	13.29	0	0	-43	1	0	1	1	1	0	0.000	0
522	519	42.57	2.56	3.1	7.76	11.51	0	0	-54	1	0	1	1	1	0	0.000	0
523	520	42.65	2.96	3.2	6.38	9.25	0	0	-99	1	0	1	1	1	0	0.000	0
524	521	42.73	3.34	3.3	5.28	7.99	0	0	-61	1	0	0	1	1	0	0.000	0
525	522	42.81	3.38	3.3	4.73	6.83	0	0	-79	1	0	0	1	1	0	0.000	0
526	523	42.9	3.18	3.3	4.48	6.56	0	0	-116	1	0	0	1	1	0	0.000	0
527	524	42.98	2.89	3.3	4.48	6.5	0	0	-122	1	0	1	1	1	0	0.000	0
528	525	43.06	2.75	3.3	4.53	6.56	0	0	-107	1	0	1	1	1	0	0.000	0
529	526	43.14	2.86	3.3	4.62	6.7	0	0	-116	1	0	1	1	1	0	0.000	0
530	527	43.22	3.11	3.3	4.71	6.88	0	0	-143	1	0	0	1	1	0	0.000	0
531	528	43.31	3.42	3.3	4.77	7.02	0	0	-185	1	0	0	1	1	0	0.000	0
532	529	43.39	3.73	3.3	4.83	7.11	0	0	-238	1	0	0	1	1	0	0.000	0
533	530	43.47	3.99	3.3	4.91	7.26	0	0	-292	1	0	0	1	1	0	0.000	0
534	531	43.55	4.16	3.3	5.06	7.43	0	0	-329	1	0	0	1	1	0	0.000	0
535	532	43.63	4.32	3.3	5.21	7.78	0	0	-367	1	0	0	1	1	0	0.000	0
536	533	43.72	4.43	3.3	5.35	8	0	0	-393	1	0	0	1	1	0	0.000	0
537	534	43.8	4.61	3.3	5.32	8.09	0	0	-456	1	0	0	1	1	0	0.000	0
538	535	43.88	4.7	3.3	5.24	7.85	0	0	-495	1	0	0	1	1	0	0.000	0
539	536	43.96	4.84	3.4	5.13	7.79	0	0	-562	1	0	0	1	1	0	0.000	0
540	537	44.04	4.86	3.4	5.1	7.75	0	0	-573	1	0	0	1	1	0	0.000	0
541	538	44.13	4.85	3.4	5.15	7.75	0	0	-565	1	0	0	1	1	0	0.000	0
542	539	44.21	4.73	3.3	5.2	7.94	0	0	-510	1	0	0	1	1	0	0.000	0
543	540	44.29	4.67	3.3	5.2	7.97	0	0	-486	1	0	0	1	1	0	0.000	0
544	541	44.37	4.65	3.3	5.16	7.83	0	0	-481	1	0	0	1	1	0	0.000	0
545	542	44.45	4.58	3.3	5.14	7.79	0	0	-456	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	4.4	3.3	5.2	7.81	0	0	-392	1	0	0	1	1	0	0.000	0
547	544	44.62	4.24	3.3	5.35	7.94	0	0	-337	1	0	0	1	1	0	0.000	0
548	545	44.7	4.24	3.3	5.47	8.22	0	0	-331	1	0	0	1	1	0	0.000	0
549	546	44.78	4.52	3.3	5.45	8.26	0	0	-417	1	0	0	1	1	0	0.000	0
550	547	44.86	4.91	3.4	5.24	8	0	0	-585	1	0	0	1	1	0	0.000	0
551	548	44.95	5.41	3.4	4.9	7.8	0	0	-904	1	0	0	1	1	0	0.000	0
552	549	45.03	5.71	3.4	4.56	7.3	0	0	-1188	1	0	0	1	1	0	0.000	0
553	550	45.11	5.8	3.5	4.25	6.91	0	0	-1322	1	0	0	1	1	0	0.000	0
554	551	45.19	5.82	3.5	4.02	6.58	0	0	-1379	1	0	0	1	1	0	0.000	0
555	552	45.27	6.09	3.5	3.78	6.34	0	0	-1738	1	0	0	1	1	0	0.000	0
556	553	45.36	6.45	3.5	3.67	5.94	0	0	-2298	1	0	0	1	1	0	0.000	0
557	554	45.44	6.78	3.6	3.59	5.99	0	0	-2950	1	0	0	1	1	0	0.000	0
558	555	45.52	6.58	3.6	3.68	5.9	0	0	-2524	1	0	0	1	1	0	0.000	0
559	556	45.6	6.13	3.5	3.79	5.99	0	0	-1788	1	0	0	1	1	0	0.000	0
560	557	45.69	5.29	3.5	4.12	6.34	0	0	-909	1	0	0	1	1	0	0.000	0
561	558	45.77	4.69	3.4	4.65	6.99	0	0	-532	1	0	0	1	1	0	0.000	0
562	559	45.85	4.44	3.3	5.25	7.93	0	0	-402	1	0	0	1	1	0	0.000	0
563	560	45.93	4.47	3.3	5.78	8.67	0	0	[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	4.72	3.3	6.09	9.19	0	0	[illegible]44	1	0	0	1	1	0	0.000	0
565	562	46.1	5.18	3.3	6.25	9.49	0	0	-6[illegible]	1	0	0	1	1	0	0.000	0
566	563	46.18	5.76	3.3	6.29	9.6	0	0	-96[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	6.35	3.4	6.26	9.6	0	0	-[illegible]08	1	0	0	1	1	0	0.000	0
568	565	46.34	6.7	3.4	6.17	9.59	0	0	-1978	1	0	0	1	1	0	0.000	0
569	566	46.42	7	3.4	6.07	9.39	0	0	-2495	1	0	0	1	1	0	0.000	0
570	567	46.51	7.4	3.4	5.92	9.35	0	0	-3395	1	0	0	1	1	0	0.000	0
571	568	46.59	7.92	3.4	5.82	9.09	0	0	-4957	1	0	0	1	1	0	0.000	0
572	569	46.67	8.24	3.5	5.72	9.02	0	0	-6269	1	0	0	1	1	0	0.000	0
573	570	46.75	8.27	3.5	5.65	9.05	0	0	-6464	1	0	0	1	1	0	0.000	0
574	571	46.83	8.25	3.5	5.56	8.91	0	0	-6460	1	0	0	1	1	0	0.000	0
575	572	46.92	8.29	3.5	5.38	8.72	0	0	-6811	1	0	0	1	1	0	0.000	0
576	573	47	8.23	3.5	5.22	8.34	0	0	-6685	1	0	0	1	1	0	0.000	0
577	574	47.08	7.86	3.5	5.06	8.25	0	0	-5297	1	0	0	1	1	0	0.000	0
578	575	47.16	7.34	3.5	4.94	8.01	0	0	-3739	1	0	0	1	1	0	0.000	0
579	576	47.24	6.73	3.5	4.85	7.82	0	0	-2443	1	0	0	1	1	0	0.000	0
580	577	47.33	6.22	3.4	4.79	7.78	0	0	-1693	1	0	0	1	1	0	0.000	0
581	578	47.41	5.79	3.4	4.75	7.65	0	0	-1232	1	0	0	1	1	0	0.000	0
582	579	47.49	5.63	3.4	4.72	7.55	0	0	-1096	1	0	0	1	1	0	0.000	0
583	580	47.57	5.47	3.4	4.72	7.52	0	0	-969	1	0	0	1	1	0	0.000	0
584	581	47.65	5.24	3.4	4.8	7.53	0	0	-803	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	5.76	3.4	4.98	7.7	0	0	-1169	1	0	0	1	1	0	0.000	0
586	583	47.82	6.22	3.4	5.77	8.16	0	0	-1477	1	0	0	1	1	0	0.000	0
587	584	47.9	5.91	3.3	7.83	10.67	0	0	-813	1	0	0	1	1	0	0.000	0
588	585	47.98	6.49	3.1	11.87	16.34	0	0	-169	1	0	0	1	1	0	0.000	0
589	586	48.06	4.56	2.8	23.98	25.23	0	0	701	1	0	0	0	1	0	0.000	0
590	587	48.15	3.17	2.5	51.64	64.35	0	0	755	1	1	0	0	1	0	0.000	0
591	588	48.23	2.38	2.2	82.24	129.96	0	0	674	1	1	1	0	1	0	0.000	0
592	589	48.31	2.01	2.1	102.91	141.5	0	0	626	1	1	1	0	1	0	0.000	0
593	590	48.39	1.76	2.1	106.93	140.73	0	0	520	1	1	1	0	1	0	0.000	0
594	591	48.47	1.47	2.0	108.1	138.5	0	0	402	1	1	1	0	1	0	0.000	0
595	592	48.56	1.26	2.0	108.37	136.4	0	0	331	1	1	1	0	1	0	0.000	0
596	593	48.64	1.21	1.9	106.25	133.56	0	0.05	309	1	1	1	0	1	0	0.000	0
597	594	48.72	1.25	2.0	102.13	128.02	0	0.05	306	1	1	1	0	1	0	0.000	0
598	595	48.8	1.35	2.0	98.6	122.69	0	0.05	324	1	1	1	0	1	0	0.000	0
599	596	48.88	1.41	2.0	97.68	124.3	0	0.05	339	1	1	1	0	1	0	0.000	0
600	597	48.97	1.38	2.0	99.21	126.88	0	0.05	335	1	1	1	0	1	0	0.000	0
601	598	49.05	1.22	2.0	102.55	127.09	0	0.06	299	1	1	1	0	1	0	0.000	0
602	599	49.13	1.09	1.9	105.67	130.88	0	0.07	274	1	1	1	0	1	0	0.000	0
603	600	49.21	0.99	1.9	108.18	131.18	0	0.09	255	1	1	1	0	1	0	0.000	0
604	601	49.29	1.05	1.9	108.48	131.57	0	0.08	271	1	1	1	0	1	0	0.000	0
605	602	49.38	1.07	1.9	110.09	133.43	0	0.07	281	1	1	1	0	1	0	0.000	0
606	603	49.46	1.11	1.9	111.45	139.46	0	0.06	296	1	1	1	0	1	0	0.000	0
607	604	49.54	1.11	1.9	112.96	138.6	0	0.06	301	1	1	1	0	1	0	0.000	0
608	605	49.62	1.12	1.9	112.66	139.56	0	0.06	303	1	1	1	0	1	0	0.000	0
609	606	49.7	1.18	1.9	113.79	139.37	0	0.05	324	1	1	1	0	1	0	0.000	0
610	607	49.79	1.15	1.9	115.46	145.49	0	0.05	320	1	1	1	0	1	0	0.000	0
611	608	49.87	1.02	1.9	118.11	143.2	0	0.0	290	1	1	1	0	1	0	0.000	0
612	609	49.95	0.87	1.8	119.3	140.88	0	0.11	254	1	1	1	0	1	0	0.000	0
613	610	50.03	0.84	1.8	117.48	140.24	0	0.11	242	1	1	1	0	1	0	0.000	0
614	611	50.11	0.89	1.8	116.59	133.5	0	0.12	252	1	1	1	0	1	0	0.000	0
615	612	50.2	0.6	1.7	121.5	139.03	0	0.12	199	1	1	1	0	1	0	0.000	0
616	613	50.28	0.29	1.5	131.88	145.07	0	0.1	160	1	1	1	0	1	0	0.000	0
617	614	50.36	0	4.1	95.75	163.4	0	0	83	0	0	1	0	1	0	0.000	0
618	615	50.44	0	4.1	93.87	155.09	0	0	81	1	0	1	0	1	0	0.000	0
619	616	50.52	0	4.1	91.33	150.92	0	0	79	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

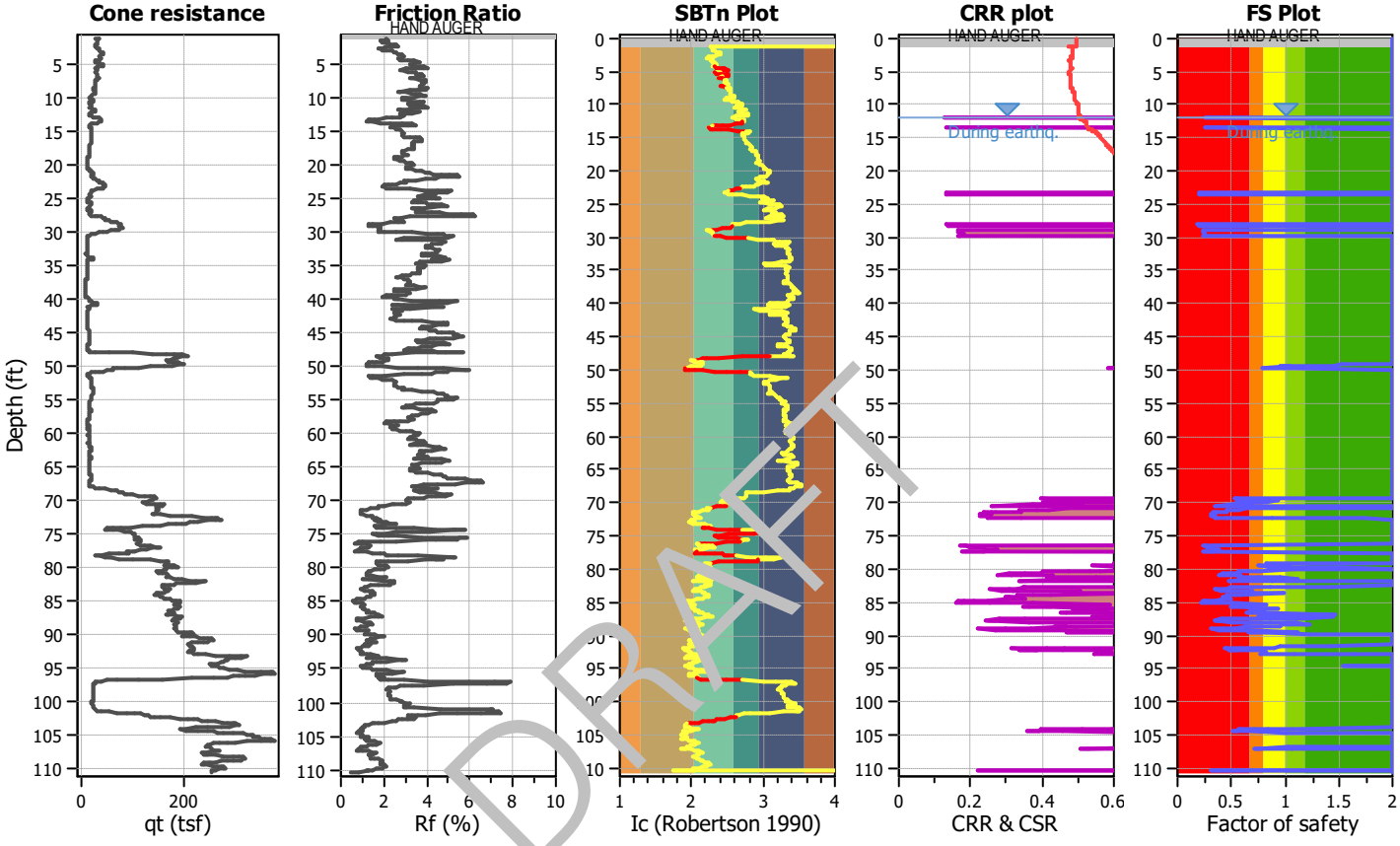
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

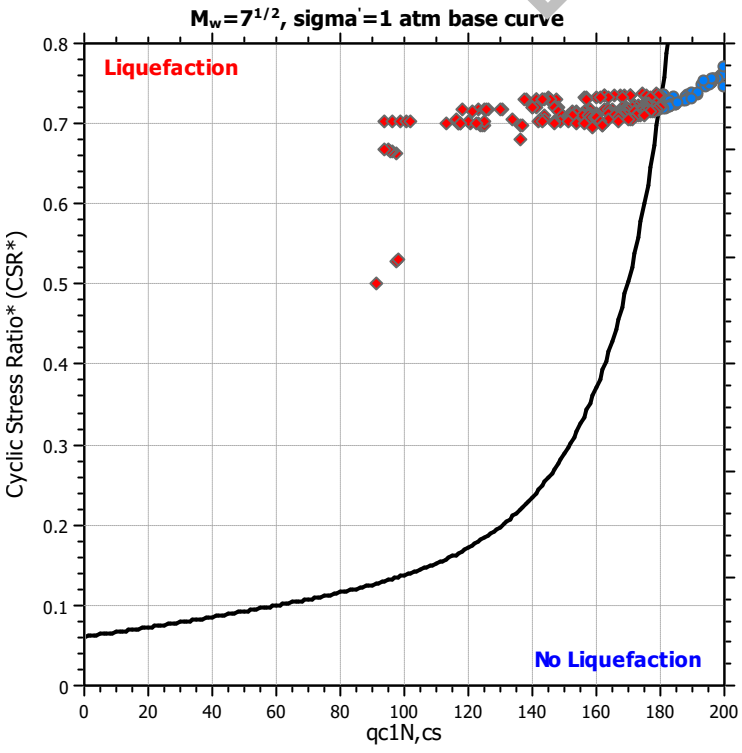
CPT file : CPT-14

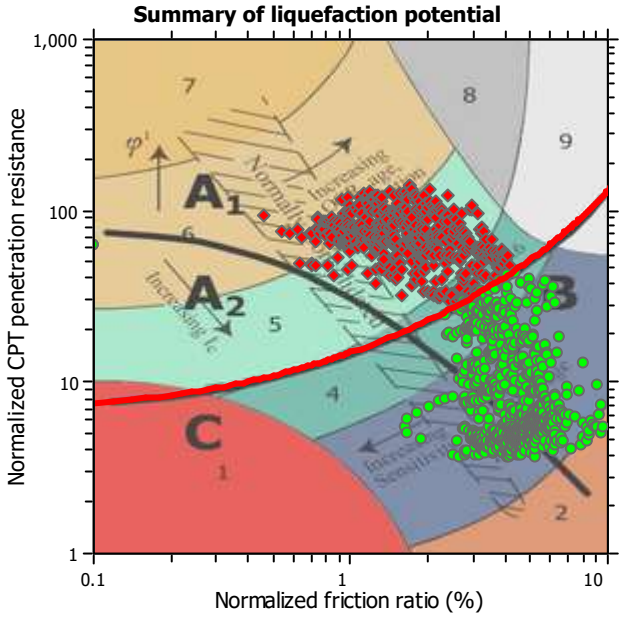
Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



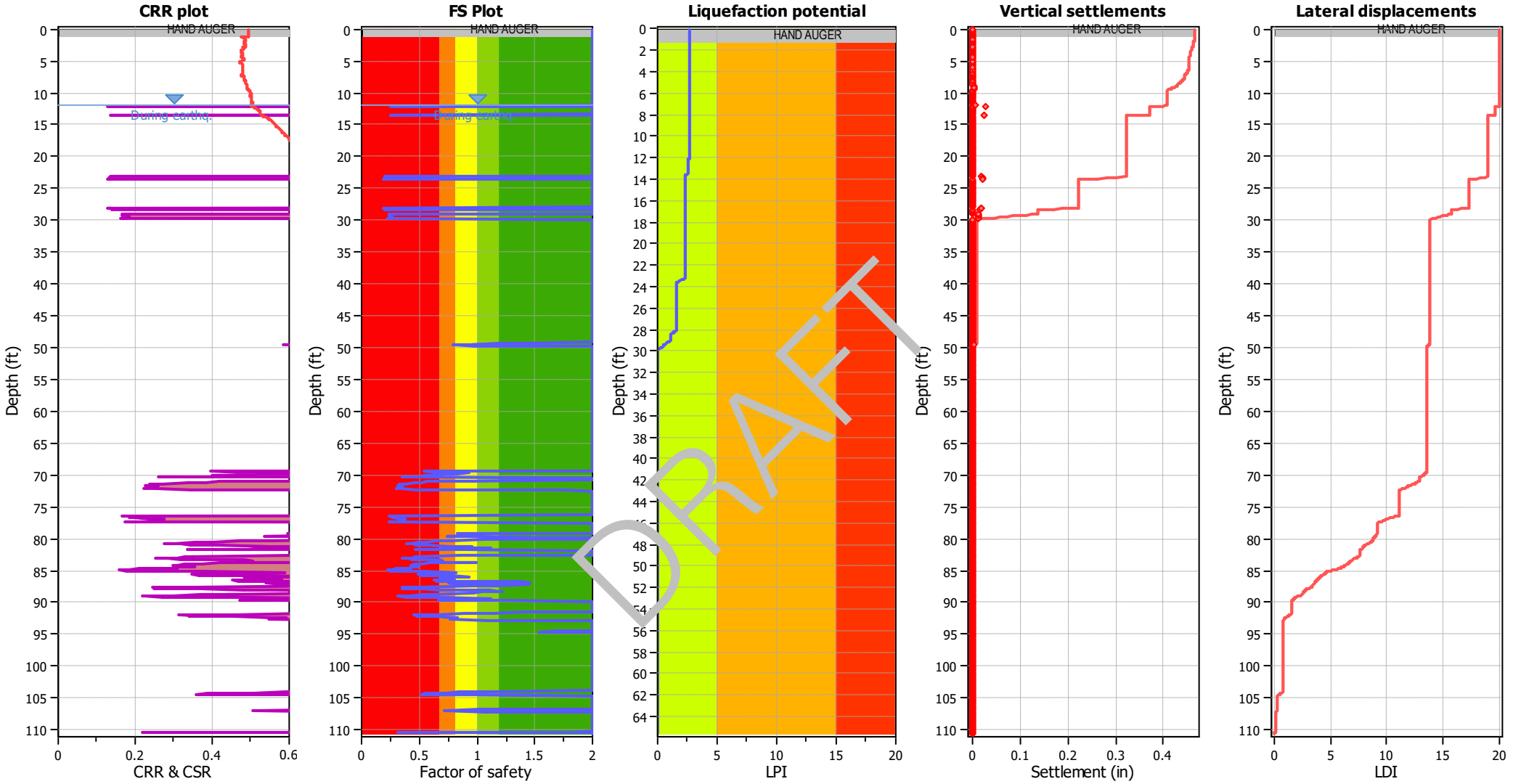
DRAFT





Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-14, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.370	0
19	16	1.31	2.09	2.4	48.45	68.79	0	0	268	1	1	1	0	1	0	0.370	0
20	17	1.39	2.12	2.3	67.87	55	0	0	124	1	1	1	0	1	0	0.370	0
21	18	1.48	2.17	2.3	60.06	49.36	0	0	381	1	1	1	0	1	0	0.370	0
22	19	1.56	2.03	2.3	56.87	48.81	0	0	313	1	1	1	0	1	0	0.370	0
23	20	1.64	1.91	2.3	55.7	46.83	0	0	273	1	1	1	0	1	0	0.370	0
24	21	1.72	1.88	2.3	54.72	46.44	0	0	260	1	1	1	0	1	0	0.370	0
25	22	1.8	1.97	2.3	54.72	46.33	0	0	282	1	1	1	0	1	0	0.370	0
26	23	1.89	2.1	2.3	54.9	46.95	0	0	319	1	1	1	0	1	0	0.370	0
27	24	1.97	2.21	2.3	55.11	47.01	0	0	354	1	1	1	0	1	0	0.370	0
28	25	2.05	2.34	2.4	55.03	46.98	0	0	397	1	1	1	0	1	0	0.370	0
29	26	2.13	2.45	2.4	54.77	46.78	0	0	435	1	1	1	0	1	0	0.370	0
30	27	2.21	2.53	2.4	54.09	46.39	0	0	460	1	1	1	0	1	0	0.370	0
31	28	2.3	2.6	2.4	52.88	45.32	0	0	475	1	1	1	0	1	0	0.370	0
32	29	2.38	2.67	2.4	51.58	43.77	0	0	489	1	1	1	0	1	0	0.370	0
33	30	2.46	2.63	2.4	50.93	43.08	0	0	464	1	1	1	0	1	0	0.370	0
34	31	2.54	2.43	2.4	51.58	43.66	0	0	395	1	1	1	0	1	0	0.370	0
35	32	2.62	2.1	2.3	52.94	45.37	0	0	304	1	1	1	0	1	0	0.370	0
36	33	2.71	1.94	2.3	54.61	46.56	0	0	274	1	1	1	0	1	0	0.370	0
37	34	2.79	1.78	2.2	61.07	47.88	0	0	273	1	1	1	0	1	0	0.370	0
38	35	2.87	1.85	2.2	65.13	61.67	0	0	315	1	1	1	0	1	0	0.370	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.93	2.2	68.04	56.84	0	0	358	1	1	1	0	1	0	0.370	0
40	37	3.03	2.15	2.3	65.62	55.2	0	0	418	1	1	1	0	1	0	0.370	0
41	38	3.12	2.33	2.3	65.65	55.58	0	0	492	1	1	1	0	1	0	0.370	0
42	39	3.2	2.44	2.3	67.88	56.92	0	0	565	1	1	1	0	1	0	0.370	0
43	40	3.28	2.5	2.3	71.71	60.87	0	0	637	1	1	1	0	1	0	0.370	0
44	41	3.36	2.53	2.3	75.68	65.36	0	0	698	1	1	1	0	1	0	0.370	0
45	42	3.44	2.61	2.3	77.46	67.06	0	0	770	1	1	1	0	1	0	0.370	0
46	43	3.53	2.69	2.3	77.06	65.5	0	0	822	1	1	1	0	1	0	0.370	0
47	44	3.61	2.75	2.3	75.36	64.44	0	0	843	1	1	1	0	1	0	0.370	0
48	45	3.69	2.78	2.3	73.22	62.87	0	0	836	1	1	1	0	1	0	0.370	0
49	46	3.77	2.83	2.3	70.63	60.1	0	0	836	1	1	1	0	1	0	0.370	0
50	47	3.85	2.87	2.3	68.45	57.92	0	0	833	1	1	1	0	1	0	0.370	0
51	48	3.94	2.91	2.4	66.95	57.38	0	0	840	1	1	1	0	1	0	0.370	0
52	49	4.02	2.89	2.4	67.08	56.38	0	0	827	1	1	1	0	1	0	0.370	0
53	50	4.1	2.82	2.3	68.29	58.33	0	0	796	1	1	1	0	1	0	0.370	0
54	51	4.18	2.7	2.3	70.1	60.5	0	0	739	1	1	1	0	1	0	0.370	0
55	52	4.26	2.63	2.3	71.21	61.04	0	0	709	1	1	1	0	1	0	0.370	0
56	53	4.35	2.68	2.3	69.71	61.19	0	0	[illegible]	1	1	1	0	1	0	0.370	0
57	54	4.43	2.78	2.3	66.81	56.68	0	0	[illegible]48	1	1	1	0	1	0	0.370	0
58	55	4.51	2.9	2.4	62.43	53.69	0	0	[illegible]	1	1	1	0	1	0	0.370	0
59	56	4.59	3.12	2.4	57.59	50.03	0	0	[illegible]	1	1	0	0	1	0	0.370	0
60	57	4.68	3.41	2.5	53.84	44.37	0	0	[illegible]79	1	1	0	0	1	0	0.370	0
61	58	4.76	3.7	2.5	52.68	44.13	0	0	1214	1	1	0	0	1	0	0.370	0
62	59	4.84	3.7	2.5	55.37	47.11	0	0	1295	1	1	0	0	1	0	0.370	0
63	60	4.92	3.5	2.4	61.53	51.24	0	0	1253	1	1	0	0	1	0	0.370	0
64	61	5	3.34	2.4	67.84	59.86	0	0	1235	1	1	0	0	1	0	0.370	0
65	62	5.09	3.21	2.4	74.44	63.21	0	0	1237	1	1	0	0	1	0	0.370	0
66	63	5.17	3.2	2.3	78.41	68.1	0	0	1305	1	1	0	0	1	0	0.370	0
67	64	5.25	3.21	2.3	79.38	69.83	0	0	1336	1	1	0	0	1	0	0.370	0
68	65	5.33	3.3	2.4	75.93	65.71	0	0	1368	1	1	0	0	1	0	0.370	0
69	66	5.41	3.56	2.4	68.08	59.38	0	0	1493	1	1	0	0	1	0	0.370	0
70	67	5.5	3.85	2.5	60.23	50.1	0	0	1634	1	1	0	0	1	0	0.370	0
71	68	5.58	4.1	2.5	54.68	45.77	0	0	1774	1	1	0	0	1	0	0.370	0
72	69	5.66	3.94	2.5	53.58	45.26	0	0	1515	1	1	0	0	1	0	0.370	0
73	70	5.74	3.5	2.5	55.12	47.29	0	0	1089	1	1	0	0	1	0	0.370	0
74	71	5.82	3.07	2.4	57.2	49.72	0	0	792	1	1	0	0	1	0	0.370	0
75	72	5.91	2.8	2.4	59.16	50.29	0	0	654	1	1	1	0	1	0	0.370	0
76	73	5.99	2.81	2.4	59.3	51.52	0	0	662	1	1	1	0	1	0	0.370	0
77	74	6.07	2.89	2.4	58.75	49.31	0	0	701	1	1	1	0	1	0	0.370	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	3.12	2.4	55.95	48.11	0	0	803	1	1	0	0	1	0	0.370	0
79	76	6.23	3.36	2.5	53.37	44.31	0	0	928	1	1	0	0	1	0	0.370	0
80	77	6.32	3.55	2.5	51.88	42.61	0	0	1049	1	1	0	0	1	0	0.370	0
81	78	6.4	3.56	2.5	53.41	43.98	0	0	1099	1	1	0	0	1	0	0.370	0
82	79	6.48	3.5	2.5	55.96	46.94	0	0	1110	1	1	0	0	1	0	0.370	0
83	80	6.56	3.55	2.5	57.52	47.57	0	0	1200	1	1	0	0	1	0	0.370	0
84	81	6.64	3.7	2.5	57.46	46.7	0	0	1358	1	1	0	0	1	0	0.370	0
85	82	6.73	3.85	2.5	56.6	46.03	0	0	1509	1	1	0	0	1	0	0.370	0
86	83	6.81	3.92	2.5	55.95	44.94	0	0	1576	1	1	0	0	1	0	0.370	0
87	84	6.89	3.93	2.5	55.02	44.54	0	0	1555	1	1	0	0	1	0	0.370	0
88	85	6.97	3.81	2.5	55.19	43.36	0	0	1414	1	1	0	0	1	0	0.370	0
89	86	7.05	3.56	2.5	57.2	44.65	0	0	1201	1	1	0	0	1	0	0.370	0
90	87	7.14	3.31	2.4	60.33	48.21	0	0	1040	1	1	0	0	1	0	0.370	0
91	88	7.22	3.24	2.4	62.03	49.41	0	0	1015	1	1	0	0	1	0	0.370	0
92	89	7.3	3.42	2.4	60.01	47.64	0	0	1134	1	1	0	0	1	0	0.370	0
93	90	7.38	3.72	2.5	56.03	43.27	0	0	1337	1	1	0	0	1	0	0.370	0
94	91	7.46	3.94	2.5	52.99	40.3	0	0	1493	1	1	0	0	1	0	0.370	0
95	92	7.55	4.03	2.5	51.87	40.51	0	0	[illegible]	1	1	0	0	1	0	0.370	0
96	93	7.63	3.99	2.5	52.17	40.25	0	0	[illegible]	1	1	0	0	1	0	0.370	0
97	94	7.71	3.94	2.5	52.46	40.32	0	0	[illegible]	1	1	0	0	1	0	0.370	0
98	95	7.79	3.84	2.5	52.57	40.58	0	0	[illegible]	1	1	0	0	1	0	0.370	0
99	96	7.87	3.91	2.5	51.51	40.55	0	0	[illegible]	1	1	0	0	1	0	0.370	0
100	97	7.96	3.94	2.5	50.79	38.09	0	0	1412	1	1	0	0	1	0	0.370	0
101	98	8.04	3.95	2.5	49.65	39.21	0	0	1381	1	1	0	0	1	0	0.370	0
102	99	8.12	3.85	2.5	48.63	38.27	0	0	1237	1	1	0	0	1	0	0.370	0
103	100	8.2	3.83	2.5	47.23	36.38	0	0	1169	1	1	0	0	1	0	0.370	0
104	101	8.28	3.83	2.6	46.32	36.34	0	0	1139	1	1	0	0	1	0	0.370	0
105	102	8.37	3.78	2.6	46.54	36.46	0	0	1099	1	1	0	0	1	0	0.370	0
106	103	8.45	3.72	2.5	46.99	37.32	0	0	1060	1	1	0	0	1	0	0.370	0
107	104	8.53	3.7	2.5	47.32	37.84	0	0	1052	1	1	0	0	1	0	0.370	0
108	105	8.61	3.81	2.6	46.07	37.59	0	0	1112	1	1	0	0	1	0	0.370	0
109	106	8.69	3.98	2.6	43.75	34.4	0	0	1191	1	1	0	0	1	0	0.370	0
110	107	8.78	4.1	2.6	41.45	32.24	0	0	1217	1	0	0	0	1	0	0.370	0
111	108	8.86	4	2.6	40.86	32.2	0	0	1099	1	0	0	0	1	0	0.370	0
112	109	8.94	3.67	2.6	41.69	33.5	0	0	860	1	1	0	0	1	0	0.370	0
113	110	9.02	3.24	2.5	42.67	35.2	0	0	618	1	1	0	0	1	0	0.370	0
114	111	9.1	2.81	2.5	42.85	35.89	0	0	429	1	1	1	0	1	0	0.370	0
115	112	9.19	2.68	2.5	42.74	35.36	0	0	381	1	1	1	0	1	0	0.370	0
116	113	9.27	2.79	2.5	42.72	35.58	0	0	420	1	1	1	0	1	0	0.370	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.1	2.5	42.78	35.75	0	0	550	1	1	0	0	1	0	0.370	0
118	115	9.43	3.35	2.5	42.35	34.93	0	0	672	1	1	0	0	1	0	0.370	0
119	116	9.51	3.58	2.6	41.05	34.13	0	0	780	1	1	0	0	1	0	0.370	0
120	117	9.6	3.8	2.6	38.96	32.3	0	0	869	1	0	0	0	1	0	0.370	0
121	118	9.68	3.98	2.6	35.93	29.63	0	0	893	1	0	0	0	1	0	0.370	0
122	119	9.76	4.06	2.7	32.84	26.57	0	0	828	1	0	0	0	1	0	0.370	0
123	120	9.84	4.02	2.7	29.88	24.79	0	0	684	1	0	0	0	1	0	0.370	0
124	121	9.92	3.79	2.7	27.58	22.57	0	0	491	1	0	0	0	1	0	0.370	0
125	122	10.01	3.48	2.7	25.85	21.32	0	0	335	1	0	0	0	1	0	0.370	0
126	123	10.09	3.17	2.7	25.05	20.96	0	0	242	1	0	0	0	1	0	0.370	0
127	124	10.17	3	2.7	25.12	21.06	0	0	210	1	0	0	0	1	0	0.370	0
128	125	10.25	2.99	2.7	26.1	21.84	0	0	225	1	0	1	0	1	0	0.370	0
129	126	10.33	2.98	2.6	28.28	23.61	0	0	259	1	0	1	0	1	0	0.370	0
130	127	10.42	3.04	2.6	30.85	26.77	0	0	317	1	0	0	0	1	0	0.370	0
131	128	10.5	3.12	2.6	32.06	28.49	0	0	362	1	0	0	0	1	0	0.370	0
132	129	10.58	3.36	2.6	31.09	26.83	0	0	422	1	0	0	0	1	0	0.370	0
133	130	10.66	3.74	2.7	28.91	24.19	0	0	513	1	0	0	0	1	0	0.370	0
134	131	10.74	4.02	2.7	26.66	22.69	0	0	558	1	0	0	0	1	0	0.370	0
135	132	10.83	4.03	2.8	25.17	21.04	0	0	503	1	0	0	0	1	0	0.370	0
136	133	10.91	3.71	2.7	24.79	20.53	0	0	374	1	0	0	0	1	0	0.370	0
137	134	10.99	3.4	2.7	25.84	22.15	0	0	313	1	0	0	0	1	0	0.370	0
138	135	11.07	3.24	2.7	27.77	24.19	0	0	213	1	0	0	0	1	0	0.370	0
139	136	11.15	3.27	2.7	29.07	25.88	0	0	348	1	0	0	0	1	0	0.370	0
140	137	11.24	3.43	2.7	29.13	25.75	0	0	400	1	0	0	0	1	0	0.370	0
141	138	11.32	3.69	2.7	27.87	24.44	0	0	461	1	0	0	0	1	0	0.370	0
142	139	11.4	4	2.8	26.06	22.62	0	0	525	1	0	0	0	1	0	0.370	0
143	140	11.48	4.24	2.8	24.37	20.97	0	0	560	1	0	0	0	1	0	0.370	0
144	141	11.56	4.18	2.8	23.38	20.03	0	0	488	1	0	0	0	1	0	0.370	0
145	142	11.65	3.76	2.8	23.69	20.24	0	0	355	1	0	0	0	1	0	0.370	0
146	143	11.73	3.2	2.7	25.55	22.22	0	0	258	1	0	0	0	1	0	0.370	0
147	144	11.81	2.82	2.6	28.38	25.49	0	0	226	1	0	1	0	1	0	0.370	0
148	145	11.89	2.77	2.6	31.25	28.28	0	0	256	1	1	1	0	1	0	0.370	0
149	146	11.97	2.85	2.6	33.48	30.1	0	0	307	1	1	1	0	1	0	0.370	0
150	147	12.06	3.09	2.6	34.15	31.53	0.03	0.37	390	1	1	0	0	1	0	0.370	0
151	148	12.14	3.37	2.6	32.45	29.96	0	0	457	1	0	0	0	1	0	0.340	0
152	149	12.22	3.7	2.7	28.98	25.43	0	0	498	1	0	0	0	1	0	0.340	0
153	150	12.3	3.77	2.7	25.64	22.21	0	0	421	1	0	0	0	1	0	0.340	0
154	151	12.38	3.46	2.7	23.42	21.22	0	0	270	1	0	0	0	1	0	0.340	0
155	152	12.47	3.13	2.7	21.84	19.9	0	0	174	1	0	0	0	1	0	0.340	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.88	2.7	20.96	18.29	0	0	127	1	0	1	0	1	0	0.340	0
157	154	12.63	2.88	2.7	20.87	19.1	0	0	126	1	0	1	0	1	0	0.340	0
158	155	12.71	2.93	2.7	21.98	19.81	0	0	149	1	0	1	0	1	0	0.340	0
159	156	12.8	3.04	2.7	23.44	21.41	0	0	189	1	0	0	0	1	0	0.340	0
160	157	12.88	3	2.7	25.69	23.14	0	0	220	1	0	0	0	1	0	0.340	0
161	158	12.96	2.8	2.6	28.81	26.02	0	0	229	1	0	1	0	1	0	0.340	0
162	159	13.04	2.47	2.5	33.23	30.22	0	0	217	1	1	1	0	1	0	0.340	0
163	160	13.12	2.13	2.4	38.27	35.78	0	0	199	1	1	1	0	1	0	0.340	0
164	161	13.21	1.83	2.4	42.71	40.6	0	0	178	1	1	1	0	1	0	0.340	0
165	162	13.29	1.59	2.3	45.22	43.34	0	0	154	1	1	1	0	1	0	0.340	0
166	163	13.37	1.41	2.3	46.08	43.66	0	0	134	1	1	1	0	1	0	0.340	0
167	164	13.45	1.29	2.2	46.15	43.76	0.02	0.32	120	1	1	1	0	1	0	0.340	0
168	165	13.53	1.25	2.2	46.06	44.14	0.02	0.32	115	1	1	1	0	1	0	0.320	0
169	166	13.62	1.33	2.3	45.54	43.68	0	0	122	1	1	1	0	1	0	0.300	0
170	167	13.7	1.51	2.3	43.57	42.2	0	0	136	1	1	1	0	1	0	0.300	0
171	168	13.78	1.88	2.4	39.18	38.25	0	0	164	1	1	1	0	1	0	0.300	0
172	169	13.86	2.34	2.5	33.65	30.72	0	0	197	1	1	1	0	1	0	0.300	0
173	170	13.94	2.98	2.7	27.29	26.26	0	0	242	1	0	1	0	1	0	0.300	0
174	171	14.03	3.42	2.8	22.59	20.13	0	0	241	1	0	0	0	1	0	0.300	0
175	172	14.11	3.65	2.8	18.94	17.59	0	0	167	1	0	0	0	1	0	0.300	0
176	173	14.19	3.31	2.8	17.63	16.17	0	0	112	1	0	0	0	1	0	0.300	0
177	174	14.27	2.88	2.8	17.6	16.71	0	0	77	1	0	1	1	1	0	0.300	0
178	175	14.35	2.52	2.7	18.32	17.72	0	0	64	1	0	1	1	1	0	0.300	0
179	176	14.44	2.4	2.7	18.91	18.41	0	0	63	1	0	1	1	1	0	0.300	0
180	177	14.52	2.45	2.7	19.21	18.51	0	0	69	1	0	1	1	1	0	0.300	0
181	178	14.6	2.59	2.7	19.37	18.65	0	0	80	1	0	1	0	1	0	0.300	0
182	179	14.68	2.71	2.7	19.61	18.86	0	0	92	1	0	1	0	1	0	0.300	0
183	180	14.76	2.81	2.7	19.85	19.24	0	0	104	1	0	1	0	1	0	0.300	0
184	181	14.85	2.86	2.7	20.04	19.37	0	0	111	1	0	1	0	1	0	0.300	0
185	182	14.93	2.9	2.7	20.22	19.5	0	0	118	1	0	1	0	1	0	0.300	0
186	183	15.01	2.94	2.7	20.41	19.86	0	0	125	1	0	1	0	1	0	0.300	0
187	184	15.09	2.95	2.7	20.61	19.99	0	0	129	1	0	1	0	1	0	0.300	0
188	185	15.17	2.97	2.7	20.67	20.17	0	0	133	1	0	1	0	1	0	0.300	0
189	186	15.26	3	2.7	20.62	20.13	0	0	135	1	0	0	0	1	0	0.300	0
190	187	15.34	3.02	2.8	20.53	19.95	0	0	136	1	0	0	0	1	0	0.300	0
191	188	15.42	3.04	2.8	20.43	20.02	0	0	137	1	0	0	0	1	0	0.300	0
192	189	15.5	3.04	2.8	20.31	19.94	0	0	135	1	0	0	0	1	0	0.300	0
193	190	15.58	3.03	2.8	20.09	19.75	0	0	130	1	0	0	0	1	0	0.300	0
194	191	15.67	3.01	2.8	19.84	19.51	0	0	123	1	0	0	0	1	0	0.300	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	3.02	2.8	19.72	19.36	0	0	122	1	0	0	0	1	0	0.300	0
196	193	15.83	3.13	2.8	19.71	19.49	0	0	134	1	0	0	0	1	0	0.300	0
197	194	15.91	3.33	2.8	19.85	19.56	0	0	163	1	0	0	0	1	0	0.300	0
198	195	15.99	3.62	2.8	20.09	19.8	0	0	214	1	0	0	0	1	0	0.300	0
199	196	16.08	3.83	2.8	20.41	20.29	0	0	266	1	0	0	0	1	0	0.300	0
200	197	16.16	3.97	2.8	20.38	20.64	0	0	298	1	0	0	0	1	0	0.300	0
201	198	16.24	3.97	2.8	20.05	19.92	0	0	285	1	0	0	0	1	0	0.300	0
202	199	16.32	3.93	2.8	19.33	19.42	0	0	250	1	0	0	0	1	0	0.300	0
203	200	16.4	3.97	2.9	18.86	18.55	0	0	240	1	0	0	0	1	0	0.300	0
204	201	16.49	3.95	2.9	18.68	18.51	0	0	230	1	0	0	0	1	0	0.300	0
205	202	16.57	3.77	2.8	18.86	18.87	0	0	204	1	0	0	0	1	0	0.300	0
206	203	16.65	3.56	2.8	18.91	19.17	0	0	172	1	0	0	0	1	0	0.300	0
207	204	16.73	3.49	2.8	18.57	18.84	0	0	154	1	0	0	0	1	0	0.300	0
208	205	16.81	3.56	2.8	17.92	17.99	0	0	146	1	0	0	0	1	0	0.300	0
209	206	16.9	3.6	2.9	17.25	17.32	0	0	132	1	0	0	0	1	0	0.300	0
210	207	16.98	3.58	2.9	16.61	16.91	0	0	112	1	0	0	0	1	0	0.300	0
211	208	17.06	3.59	2.9	15.93	16.2	0	0	95	1	0	0	0	1	0	0.300	0
212	209	17.14	3.57	2.9	15.41	15.44	0	0	79	1	0	0	1	1	0	0.300	0
213	210	17.22	3.52	2.9	15.09	15.46	0	0	67	1	0	0	1	1	0	0.300	0
214	211	17.31	3.49	2.9	14.87	15.35	0	0	60	1	0	0	1	1	0	0.300	0
215	212	17.39	3.54	2.9	14.71	14.87	0	0	58	1	0	0	1	1	0	0.300	0
216	213	17.47	3.58	2.9	14.57	15.07	0	0	57	1	0	0	1	1	0	0.300	0
217	214	17.55	3.64	2.9	14.45	15.03	0	0	56	1	0	0	1	1	0	0.300	0
218	215	17.63	3.65	2.9	14.23	14.61	0	0	50	1	0	0	1	1	0	0.300	0
219	216	17.72	3.63	2.9	14.01	14.51	0	0	43	1	0	0	1	1	0	0.300	0
220	217	17.8	3.52	2.9	13.67	14.46	0	0	30	1	0	0	1	1	0	0.300	0
221	218	17.88	3.33	2.9	13.23	13.69	0	0	16	1	0	0	1	1	0	0.300	0
222	219	17.96	3.17	2.9	12.74	13.25	0	0	5	1	0	0	1	1	0	0.300	0
223	220	18.04	3.06	2.9	12.43	13.03	0	0	-1	1	0	0	1	1	0	0.300	0
224	221	18.13	3.03	2.9	12.27	12.78	0	0	-4	1	0	0	1	1	0	0.300	0
225	222	18.21	3.04	2.9	12.18	12.76	0	0	-6	1	0	0	1	1	0	0.300	0
226	223	18.29	3.05	2.9	12.17	12.74	0	0	-6	1	0	0	1	1	0	0.300	0
227	224	18.37	3.03	2.9	12.02	12.82	0	0	-8	1	0	0	1	1	0	0.300	0
228	225	18.45	3.13	3.0	11.75	12.4	0	0	-14	1	0	0	1	1	0	0.300	0
229	226	18.54	3.26	3.0	11.55	12.09	0	0	-20	1	0	0	1	1	0	0.300	0
230	227	18.62	3.37	3.0	11.83	12.28	0	0	-15	1	0	0	1	1	0	0.300	0
231	228	18.7	3.2	2.9	12.46	13.21	0	0	-1	1	0	0	1	1	0	0.300	0
232	229	18.78	3.02	2.9	12.78	13.97	0	0	5	1	0	0	1	1	0	0.300	0
233	230	18.86	2.83	2.9	12.44	13.41	0	0	-1	1	0	1	1	1	0	0.300	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.78	2.9	11.6	12.45	0	0	-12	1	0	1	1	1	0	0.300	0
235	232	19.03	2.73	2.9	10.84	11.52	0	0	-22	1	0	1	1	1	0	0.300	0
236	233	19.11	2.67	3.0	10.23	11.08	0	0	-28	1	0	1	1	1	0	0.300	0
237	234	19.19	2.73	3.0	9.77	10.59	0	0	-36	1	0	1	1	1	0	0.300	0
238	235	19.27	2.89	3.0	9.52	10.2	0	0	-45	1	0	1	1	1	0	0.300	0
239	236	19.36	3.05	3.0	9.57	10.36	0	0	-51	1	0	0	1	1	0	0.300	0
240	237	19.44	3.12	3.0	9.87	10.68	0	0	-49	1	0	0	1	1	0	0.300	0
241	238	19.52	3.11	3.0	10.19	11.05	0	0	-42	1	0	0	1	1	0	0.300	0
242	239	19.6	3.19	3.0	10.38	11.34	0	0	-42	1	0	0	1	1	0	0.300	0
243	240	19.68	3.36	3.0	10.35	11.35	0	0	-49	1	0	0	1	1	0	0.300	0
244	241	19.77	3.55	3.0	10.16	11.09	0	0	-62	1	0	0	1	1	0	0.300	0
245	242	19.85	3.68	3.1	9.85	10.87	0	0	-79	1	0	0	1	1	0	0.300	0
246	243	19.93	3.68	3.1	9.53	10.54	0	0	-88	1	0	0	1	1	0	0.300	0
247	244	20.01	3.72	3.1	9.23	10.24	0	0	-100	1	0	0	1	1	0	0.300	0
248	245	20.09	3.68	3.1	9.03	9.98	0	0	-103	1	0	0	1	1	0	0.300	0
249	246	20.18	3.65	3.1	8.92	9.9	0	0	-104	1	0	0	1	1	0	0.300	0
250	247	20.26	3.54	3.1	8.85	9.85	0	0	-96	1	0	0	1	1	0	0.300	0
251	248	20.34	3.44	3.1	8.81	9.83	0	0	-90	1	0	0	1	1	0	0.300	0
252	249	20.42	3.37	3.1	8.78	9.81	0	0	-85	1	0	0	1	1	0	0.300	0
253	250	20.5	3.36	3.1	8.79	9.83	0	0	-84	1	0	0	1	1	0	0.300	0
254	251	20.59	3.41	3.1	8.9	9.87	0	0	-85	1	0	0	1	1	0	0.300	0
255	252	20.67	3.47	3.1	9.26	10.16	0	0	-81	1	0	0	1	1	0	0.300	0
256	253	20.75	3.61	3.0	10	10.98	0	0	-70	1	0	0	1	1	0	0.300	0
257	254	20.83	3.79	3.0	11	12.28	0	0	-49	1	0	0	1	1	0	0.300	0
258	255	20.92	3.95	3.0	12.41	13.45	0	0	-3	1	0	0	1	1	0	0.300	0
259	256	21	4.01	3.0	13.95	15.73	0	0	57	1	0	0	1	1	0	0.300	0
260	257	21.08	4.05	2.9	15.36	17.61	0	0	115	1	0	0	0	1	0	0.300	0
261	258	21.16	4.15	2.9	16.2	18.43	0	0	162	1	0	0	0	1	0	0.300	0
262	259	21.24	4.25	2.9	16.65	18.79	0	0	197	1	0	0	0	1	0	0.300	0
263	260	21.33	4.37	2.9	16.94	19.25	0	0	233	1	0	0	0	1	0	0.300	0
264	261	21.41	4.6	2.9	17	19.46	0	0	284	1	0	0	0	1	0	0.300	0
265	262	21.49	5.01	3.0	16.6	19.09	0	0	357	1	0	0	0	1	0	0.300	0
266	263	21.57	5.39	3.0	15.74	18.05	0	0	380	1	0	0	0	1	0	0.300	0
267	264	21.65	5.76	3.0	14.72	16.78	0	0	345	1	0	0	0	1	0	0.300	0
268	265	21.74	5.89	3.1	14.18	15.81	0	0	288	1	0	0	0	1	0	0.300	0
269	266	21.82	5.79	3.0	14.53	16.32	0	0	323	1	0	0	0	1	0	0.300	0
270	267	21.9	5.31	3.0	15.96	17.82	0	0	381	1	0	0	0	1	0	0.300	0
271	268	21.98	4.88	2.9	17.51	20.5	0	0	394	1	0	0	0	1	0	0.300	0
272	269	22.06	4.68	2.9	18.51	21.53	0	0	404	1	0	0	0	1	0	0.300	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	4.52	2.9	18.69	21.34	0	0	366	1	0	0	0	1	0	0.300	0
274	271	22.23	4.18	2.9	18.85	21.19	0	0	285	1	0	0	0	1	0	0.300	0
275	272	22.31	3.67	2.8	19.85	22.13	0	0	217	1	0	0	0	1	0	0.300	0
276	273	22.39	3.25	2.8	21.56	24.54	0	0	187	1	0	0	0	1	0	0.300	0
277	274	22.47	3.11	2.7	23.41	26.69	0	0	200	1	0	0	0	1	0	0.300	0
278	275	22.56	3.1	2.7	24.91	28.27	0	0	226	1	0	0	0	1	0	0.300	0
279	276	22.64	3.12	2.7	26.15	29.61	0	0	252	1	0	0	0	1	0	0.300	0
280	277	22.72	3.02	2.7	27.57	30.88	0	0	256	1	0	0	0	1	0	0.300	0
281	278	22.8	2.85	2.6	29.13	32.94	0	0	243	1	0	1	0	1	0	0.300	0
282	279	22.88	2.67	2.6	30.5	34.68	0	0	225	1	1	1	0	1	0	0.300	0
283	280	22.97	2.49	2.6	31.66	35.34	0	0	204	1	1	1	0	1	0	0.300	0
284	281	23.05	2.27	2.5	32.68	36.67	0	0	177	1	1	1	0	1	0	0.300	0
285	282	23.13	2.09	2.5	33.47	37.9	0	0	156	1	1	1	0	1	0	0.300	0
286	283	23.21	2.01	2.5	33.54	37.79	0.02	0.33	146	1	1	1	0	1	0	0.300	0
287	284	23.29	2.04	2.5	32.91	36.96	0.02	0.33	145	1	1	1	0	1	0	0.280	0
288	285	23.38	2.11	2.5	32.09	36.04	0.02	0.34	149	1	1	1	0	1	0	0.260	0
289	286	23.46	2.22	2.5	30.98	35.38	0.02	0.34	155	1	1	1	0	1	0	0.240	0
290	287	23.54	2.41	2.6	29.58	33.68	0.02	0.35	170	1	1	1	0	1	0	0.220	0
291	288	23.62	2.76	2.6	27.48	31.87	0	0	03	1	0	1	0	1	0	0.200	0
292	289	23.7	3.31	2.7	24.51	29.03	0	0	2[illegible]	1	0	0	0	1	0	0.200	0
293	290	23.79	4.03	2.8	20.58	24.49	0	0	32[illegible]	1	0	0	0	1	0	0.200	0
294	291	23.87	4.72	2.9	17.04	19.42	0	0	15	1	0	0	0	1	0	0.200	0
295	292	23.95	5.29	3.0	14.31	17.11	0	0	196	1	0	0	0	1	0	0.200	0
296	293	24.03	5.5	3.1	13.03	15.15	0	0	68	1	0	0	1	1	0	0.200	0
297	294	24.11	5.3	3.1	13.07	15.04	0	0	62	1	0	0	1	1	0	0.200	0
298	295	24.2	4.71	3.0	13.82	17.28	0	0	91	1	0	0	0	1	0	0.200	0
299	296	24.28	4.27	3.0	13.73	17.77	0	0	59	1	0	0	1	1	0	0.200	0
300	297	24.36	4.27	3.0	12.35	14.84	0	0	-7	1	0	0	1	1	0	0.200	0
301	298	24.44	4.71	3.1	10.39	12.63	0	0	-145	1	0	0	1	1	0	0.200	0
302	299	24.52	4.85	3.1	9.41	11.04	0	0	-238	1	0	0	1	1	0	0.200	0
303	300	24.61	4.37	3.1	10.18	11.44	0	0	-122	1	0	0	1	1	0	0.200	0
304	301	24.69	3.9	3.0	12.12	15.27	0	0	-14	1	0	0	1	1	0	0.200	0
305	302	24.77	3.94	3.0	13.47	17.84	0	0	36	1	0	0	1	1	0	0.200	0
306	303	24.85	4.34	3.0	12.8	16.29	0	0	15	1	0	0	1	1	0	0.200	0
307	304	24.93	4.85	3.1	10.81	13.1	0	0	-130	1	0	0	1	1	0	0.200	0
308	305	25.02	5.05	3.2	8.89	10.97	0	0	-325	1	0	0	1	1	0	0.200	0
309	306	25.1	4.82	3.2	7.62	9.63	0	0	-366	1	0	0	1	1	0	0.200	0
310	307	25.18	4.4	3.2	6.7	8.64	0	0	-311	1	0	0	1	1	0	0.200	0
311	308	25.26	4.2	3.3	6.1	7.74	0	0	-292	1	0	0	1	1	0	0.200	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	4.12	3.3	5.94	7.46	0	0	-280	1	0	0	1	1	0	0.200	0
313	310	25.43	3.98	3.2	6.32	8.03	0	0	-236	1	0	0	1	1	0	0.200	0
314	311	25.51	3.81	3.2	6.97	9.01	0	0	-183	1	0	0	1	1	0	0.200	0
315	312	25.59	3.76	3.1	8.06	9.67	0	0	-141	1	0	0	1	1	0	0.200	0
316	313	25.67	4	3.1	9.45	11.8	0	0	-118	1	0	0	1	1	0	0.200	0
317	314	25.75	4.27	3.1	10.9	13.89	0	0	-77	1	0	0	1	1	0	0.200	0
318	315	25.84	4.38	3.0	12.3	14.76	0	0	-11	1	0	0	1	1	0	0.200	0
319	316	25.92	4.52	3.0	12.93	16.93	0	0	25	1	0	0	1	1	0	0.200	0
320	317	26	4.7	3.0	12.65	16.35	0	0	10	1	0	0	1	1	0	0.200	0
321	318	26.08	5.07	3.1	11.35	14.03	0	0	-105	1	0	0	1	1	0	0.200	0
322	319	26.16	5.49	3.2	9.93	12.42	0	0	-325	1	0	0	1	1	0	0.200	0
323	320	26.25	5.5	3.2	9.12	11.33	0	0	-431	1	0	0	1	1	0	0.200	0
324	321	26.33	5.07	3.2	8.92	11.08	0	0	-327	1	0	0	1	1	0	0.200	0
325	322	26.41	4.27	3.1	8.82	11.67	0	0	-178	1	0	0	1	1	0	0.200	0
326	323	26.49	3.81	3.1	8.35	10.97	0	0	-137	1	0	0	1	1	0	0.200	0
327	324	26.57	3.82	3.2	7.33	9.51	0	0	-173	1	0	0	1	1	0	0.200	0
328	325	26.66	4.26	3.2	6.39	8.1	0	0	-293	1	0	0	1	1	0	0.200	0
329	326	26.74	4.52	3.3	6.17	7.61	0	0	-374	1	0	0	1	1	0	0.200	0
330	327	26.82	4.17	3.2	7.37	8.6	0	0	-228	1	0	0	1	1	0	0.200	0
331	328	26.9	3.88	3.1	9.3	12.18	0	0	-112	1	0	0	1	1	0	0.200	0
332	329	26.98	3.86	3.0	10.77	14.52	0	0	-60	1	0	0	1	1	0	0.200	0
333	330	27.07	4.2	3.1	10.79	14.06	0	0	78	1	0	0	1	1	0	0.200	0
334	331	27.15	4.63	3.1	9.86	12.56	0	0	-170	1	0	0	1	1	0	0.200	0
335	332	27.23	5.12	3.2	8.83	11.35	0	0	-349	1	0	0	1	1	0	0.200	0
336	333	27.31	5.61	3.2	8.21	10.4	0	0	-595	1	0	0	1	1	0	0.200	0
337	334	27.39	6.33	3.3	8.04	10.33	0	0	-1062	1	0	0	1	1	0	0.200	0
338	335	27.48	6.93	3.3	8.41	10.68	0	0	-1509	1	0	0	1	1	0	0.200	0
339	336	27.56	6.93	3.2	9.39	11.68	0	0	-1148	1	0	0	1	1	0	0.200	0
340	337	27.64	5.69	3.1	12.05	13.73	0	0	-66	1	0	0	1	1	0	0.200	0
341	338	27.72	4.33	2.9	15.92	20.18	0	0	173	1	0	0	0	1	0	0.200	0
342	339	27.8	3.34	2.8	20.6	25.69	0	0	181	1	0	0	0	1	0	0.200	0
343	340	27.89	2.87	2.7	24.05	30.32	0	0	172	1	0	1	0	1	0	0.200	0
344	341	27.97	2.63	2.6	26.37	31.73	0	0	167	1	0	1	0	1	0	0.200	0
345	342	28.05	2.54	2.6	27.94	33.44	0.02	0.35	172	1	0	1	0	1	0	0.200	0
346	343	28.13	2.55	2.6	29.51	35.61	0.02	0.33	191	1	1	1	0	1	0	0.180	0
347	344	28.21	2.68	2.6	30.94	37.22	0.02	0.32	233	1	1	1	0	1	0	0.160	0
348	345	28.3	2.84	2.6	32.08	38.65	0.02	0.3	284	1	1	1	0	1	0	0.140	0
349	346	28.38	2.98	2.6	33.36	39.91	0.02	0.29	342	1	1	1	0	1	0	0.120	0
350	347	28.46	3.07	2.6	34.89	42.01	0	0	397	1	1	0	0	1	0	0.100	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	3.01	2.6	37.49	44.23	0	0	420	1	1	0	0	1	0	0.100	0
352	349	28.63	2.77	2.5	41.02	48.96	0	0	389	1	1	1	0	1	0	0.100	0
353	350	28.71	2.38	2.4	44.64	53.89	0	0	311	1	1	1	0	1	0	0.100	0
354	351	28.79	1.97	2.4	47.57	55.77	0	0	234	1	1	1	0	1	0	0.100	0
355	352	28.87	1.55	2.3	49.78	57.6	0	0	169	1	1	1	0	1	0	0.100	0
356	353	28.95	1.35	2.2	51.51	59.54	0	0	147	1	1	1	0	1	0	0.100	0
357	354	29.04	1.35	2.2	51.97	60.5	0.01	0.21	148	1	1	1	0	1	0	0.100	0
358	355	29.12	1.55	2.3	51.02	59.11	0.01	0.2	175	1	1	1	0	1	0	0.090	0
359	356	29.2	1.73	2.3	50.54	57.54	0.01	0.21	204	1	1	1	0	1	0	0.080	0
360	357	29.28	1.86	2.3	51.27	60.01	0.01	0.19	234	1	1	1	0	1	0	0.070	0
361	358	29.36	1.88	2.3	52.95	62.5	0.01	0.18	249	1	1	1	0	1	0	0.060	0
362	359	29.45	1.85	2.3	54.18	63.58	0.01	0.17	249	1	1	1	0	1	0	0.050	0
363	360	29.53	1.82	2.3	54.12	64.25	0.01	0.17	242	1	1	1	0	1	0	0.040	0
364	361	29.61	1.83	2.3	52.78	62.26	0.01	0.18	237	1	1	1	0	1	0	0.030	0
365	362	29.69	1.85	2.3	50.24	59.16	0.01	0.19	226	1	1	1	0	1	0	0.020	0
366	363	29.77	1.82	2.3	47.19	55.78	0.01	0.21	202	1	1	1	0	1	0	0.010	0
367	364	29.86	1.76	2.4	43.57	51.77	0	0	171	1	1	1	0	1	0	0.000	0
368	365	29.94	1.79	2.4	38.54	46.68	0	0	148	1	1	1	0	1	0	0.000	0
369	366	30.02	2.06	2.5	32.68	38.84	0	0	46	1	1	1	0	1	0	0.000	0
370	367	30.1	2.69	2.6	26.07	32.61	0	0	113	1	0	1	0	1	0	0.000	0
371	368	30.18	3.45	2.8	20.29	25.19	0	0	191	1	0	0	0	1	0	0.000	0
372	369	30.27	4.29	2.9	15.58	19.61	0	0	151	1	0	0	0	1	0	0.000	0
373	370	30.35	4.89	3.0	12.6	15.53	0	0	8	1	0	0	1	1	0	0.000	0
374	371	30.43	5.3	3.1	10.86	14.17	0	0	-179	1	0	0	1	1	0	0.000	0
375	372	30.51	5.4	3.2	10	13.24	0	0	-295	1	0	0	1	1	0	0.000	0
376	373	30.59	5.45	3.2	9.14	12.37	0	0	-412	1	0	0	1	1	0	0.000	0
377	374	30.68	5.7	3.2	8.08	11.03	0	0	-656	1	0	0	1	1	0	0.000	0
378	375	30.76	6.06	3.3	6.77	9.41	0	0	-1116	1	0	0	1	1	0	0.000	0
379	376	30.84	5.94	3.4	5.77	7.61	0	0	-1198	1	0	0	1	1	0	0.000	0
380	377	30.92	4.89	3.3	5.48	7.39	0	0	-557	1	0	0	1	1	0	0.000	0
381	378	31	3.5	3.2	6.09	8.34	0	0	-164	1	0	0	1	1	0	0.000	0
382	379	31.09	2.97	3.1	6.69	9.81	0	0	-94	1	0	1	1	1	0	0.000	0
383	380	31.17	3.31	3.2	6.71	9.56	0	0	-126	1	0	0	1	1	0	0.000	0
384	381	31.25	4.38	3.3	6.31	8.44	0	0	-327	1	0	0	1	1	0	0.000	0
385	382	31.33	5.27	3.3	6.11	8.39	0	0	-682	1	0	0	1	1	0	0.000	0
386	383	31.41	5.6	3.3	6.21	8.81	0	0	-866	1	0	0	1	1	0	0.000	0
387	384	31.5	5.63	3.3	6.27	8.78	0	0	-877	1	0	0	1	1	0	0.000	0
388	385	31.58	5.72	3.3	6.1	8.57	0	0	-965	1	0	0	1	1	0	0.000	0
389	386	31.66	5.73	3.4	5.85	8.22	0	0	-1010	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	5.6	3.4	5.68	7.87	0	0	-939	1	0	0	1	1	0	0.000	0
391	388	31.82	5.37	3.4	5.59	7.97	0	0	-797	1	0	0	1	1	0	0.000	0
392	389	31.91	5.13	3.3	5.58	7.88	0	0	-663	1	0	0	1	1	0	0.000	0
393	390	31.99	5.03	3.3	5.53	7.86	0	0	-617	1	0	0	1	1	0	0.000	0
394	391	32.07	4.97	3.3	5.47	7.79	0	0	-594	1	0	0	1	1	0	0.000	0
395	392	32.15	4.95	3.3	5.4	7.7	0	0	-591	1	0	0	1	1	0	0.000	0
396	393	32.23	4.83	3.3	5.35	7.59	0	0	-541	1	0	0	1	1	0	0.000	0
397	394	32.32	4.82	3.3	5.36	7.64	0	0	-536	1	0	0	1	1	0	0.000	0
398	395	32.4	4.91	3.3	5.37	7.73	0	0	-575	1	0	0	1	1	0	0.000	0
399	396	32.48	5.13	3.4	5.38	7.69	0	0	-682	1	0	0	1	1	0	0.000	0
400	397	32.56	5.36	3.4	5.39	7.7	0	0	-814	1	0	0	1	1	0	0.000	0
401	398	32.64	5.51	3.4	5.44	7.74	0	0	-907	1	0	0	1	1	0	0.000	0
402	399	32.73	5.59	3.4	5.48	7.84	0	0	-959	1	0	0	1	1	0	0.000	0
403	400	32.81	5.56	3.4	5.52	7.84	0	0	-932	1	0	0	1	1	0	0.000	0
404	401	32.89	5.46	3.4	5.44	7.85	0	0	-873	1	0	0	1	1	0	0.000	0
405	402	32.97	5.41	3.4	5.23	7.59	0	0	-865	1	0	0	1	1	0	0.000	0
406	403	33.05	5.39	3.4	4.99	7.07	0	0	-880	1	0	0	1	1	0	0.000	0
407	404	33.14	5.4	3.4	4.84	6.95	0	0	-804	1	0	0	1	1	0	0.000	0
408	405	33.22	5.23	3.4	4.79	6.97	0	0	-798	1	0	0	1	1	0	0.000	0
409	406	33.3	4.93	3.4	4.69	6.82	0	0	-679	1	0	0	1	1	0	0.000	0
410	407	33.38	4.71	3.4	4.53	6.57	0	0	-548	1	0	0	1	1	0	0.000	0
411	408	33.46	4.78	3.4	4.45	6.36	0	0	-585	1	0	0	1	1	0	0.000	0
412	409	33.55	4.8	3.4	4.74	6.5	0	0	-573	1	0	0	1	1	0	0.000	0
413	410	33.63	5.18	3.4	5.04	7.5	0	0	-743	1	0	0	1	1	0	0.000	0
414	411	33.71	5.39	3.3	5.8	7.48	0	0	-785	1	0	0	1	1	0	0.000	0
415	412	33.79	5.64	3.3	7.29	9.23	0	0	-739	1	0	0	1	1	0	0.000	0
416	413	33.87	5.21	3.1	9.92	12.98	0	0	-263	1	0	0	1	1	0	0.000	0
417	414	33.96	4.77	3.0	12.53	17.39	0	0	2	1	0	0	1	1	0	0.000	0
418	415	34.04	4.56	3.0	13.6	19.44	0	0	67	1	0	0	1	1	0	0.000	0
419	416	34.12	4.85	3.1	12.36	17.47	0	0	-11	1	0	0	1	1	0	0.000	0
420	417	34.2	5.32	3.1	10.02	12.97	0	0	-275	1	0	0	1	1	0	0.000	0
421	418	34.28	5.86	3.3	7.62	10.72	0	0	-818	1	0	0	1	1	0	0.000	0
422	419	34.37	5.53	3.3	6.11	8.44	0	0	-834	1	0	0	1	1	0	0.000	0
423	420	34.45	5.17	3.4	5.17	7.31	0	0	-724	1	0	0	1	1	0	0.000	0
424	421	34.53	4.57	3.4	4.94	7.09	0	0	-465	1	0	0	1	1	0	0.000	0
425	422	34.61	4.39	3.3	5.07	7.45	0	0	-396	1	0	0	1	1	0	0.000	0
426	423	34.69	4.29	3.3	5.27	7.69	0	0	-355	1	0	0	1	1	0	0.000	0
427	424	34.78	4.4	3.3	5.36	7.81	0	0	-383	1	0	0	1	1	0	0.000	0
428	425	34.86	4.57	3.3	5.37	7.74	0	0	-439	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.78	3.3	5.33	7.69	0	0	-521	1	0	0	1	1	0	0.000	0
430	427	35.02	4.82	3.3	5.29	7.65	0	0	-541	1	0	0	1	1	0	0.000	0
431	428	35.1	4.81	3.3	5.26	7.55	0	0	-539	1	0	0	1	1	0	0.000	0
432	429	35.19	4.71	3.3	5.27	7.56	0	0	-497	1	0	0	1	1	0	0.000	0
433	430	35.27	4.61	3.3	5.29	7.67	0	0	-458	1	0	0	1	1	0	0.000	0
434	431	35.35	4.46	3.3	5.32	7.59	0	0	-404	1	0	0	1	1	0	0.000	0
435	432	35.43	4.35	3.3	5.31	7.61	0	0	-371	1	0	0	1	1	0	0.000	0
436	433	35.51	4.32	3.3	5.32	7.61	0	0	-361	1	0	0	1	1	0	0.000	0
437	434	35.6	4.47	3.3	5.26	7.59	0	0	-411	1	0	0	1	1	0	0.000	0
438	435	35.68	4.55	3.3	5.22	7.39	0	0	-441	1	0	0	1	1	0	0.000	0
439	436	35.76	4.57	3.3	5.18	7.41	0	0	-450	1	0	0	1	1	0	0.000	0
440	437	35.84	4.47	3.3	5.18	7.39	0	0	-416	1	0	0	1	1	0	0.000	0
441	438	35.92	4.44	3.3	5.11	7.28	0	0	-410	1	0	0	1	1	0	0.000	0
442	439	36.01	4.5	3.3	5.05	7.1	0	0	-433	1	0	0	1	1	0	0.000	0
443	440	36.09	4.57	3.4	5.02	7.06	0	0	-460	1	0	0	1	1	0	0.000	0
444	441	36.17	4.51	3.3	5.01	7.1	0	0	-439	1	0	0	1	1	0	0.000	0
445	442	36.25	4.33	3.3	4.96	7.09	0	0	-382	1	0	0	1	1	0	0.000	0
446	443	36.33	4.13	3.3	4.78	6.93	0	0	-333	1	0	0	1	1	0	0.000	0
447	444	36.42	4.01	3.4	4.59	6.49	0	0	-309	1	0	0	1	1	0	0.000	0
448	445	36.5	3.85	3.3	4.52	6.34	0	0	-213	1	0	0	1	1	0	0.000	0
449	446	36.58	3.59	3.3	4.64	6.52	0	0	-217	1	0	0	1	1	0	0.000	0
450	447	36.66	3.34	3.3	4.82	6.77	0	0	-171	1	0	0	1	1	0	0.000	0
451	448	36.74	3.25	3.3	4.93	6.94	0	0	-156	1	0	0	1	1	0	0.000	0
452	449	36.83	3.32	3.3	4.94	6.97	0	0	-166	1	0	0	1	1	0	0.000	0
453	450	36.91	3.52	3.3	4.84	6.88	0	0	-199	1	0	0	1	1	0	0.000	0
454	451	36.99	3.72	3.3	4.62	6.64	0	0	-242	1	0	0	1	1	0	0.000	0
455	452	37.07	3.93	3.4	4.4	6.17	0	0	-296	1	0	0	1	1	0	0.000	0
456	453	37.16	4.03	3.4	4.19	6.02	0	0	-330	1	0	0	1	1	0	0.000	0
457	454	37.24	4.02	3.4	4.09	5.83	0	0	-331	1	0	0	1	1	0	0.000	0
458	455	37.32	4.03	3.4	4.03	5.72	0	0	-336	1	0	0	1	1	0	0.000	0
459	456	37.4	4.09	3.4	4.06	5.77	0	0	-352	1	0	0	1	1	0	0.000	0
460	457	37.48	4.19	3.4	4.1	5.89	0	0	-380	1	0	0	1	1	0	0.000	0
461	458	37.57	4.23	3.4	4.07	5.9	0	0	-394	1	0	0	1	1	0	0.000	0
462	459	37.65	4.23	3.4	3.94	5.79	0	0	-400	1	0	0	1	1	0	0.000	0
463	460	37.73	4.24	3.4	3.77	5.58	0	0	-412	1	0	0	1	1	0	0.000	0
464	461	37.81	4.18	3.4	3.65	5.41	0	0	-397	1	0	0	1	1	0	0.000	0
465	462	37.89	4.09	3.4	3.65	5.36	0	0	-369	1	0	0	1	1	0	0.000	0
466	463	37.98	4.15	3.4	3.76	5.54	0	0	-383	1	0	0	1	1	0	0.000	0
467	464	38.06	4.46	3.4	3.89	5.8	0	0	-485	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	4.84	3.5	3.9	5.95	0	0	-656	1	0	0	1	1	0	0.000	0
469	466	38.22	5.09	3.5	3.82	5.81	0	0	-806	1	0	0	1	1	0	0.000	0
470	467	38.3	5.23	3.5	3.7	5.74	0	0	-911	1	0	0	1	1	0	0.000	0
471	468	38.39	5.24	3.5	3.66	5.58	0	0	-922	1	0	0	1	1	0	0.000	0
472	469	38.47	4.66	3.5	3.69	5.59	0	0	-582	1	0	0	1	1	0	0.000	0
473	470	38.55	3.95	3.4	3.8	5.67	0	0	-323	1	0	0	1	1	0	0.000	0
474	471	38.63	3.3	3.4	3.95	5.93	0	0	-184	1	0	0	1	1	0	0.000	0
475	472	38.71	3.28	3.4	4.06	6.09	0	0	-179	1	0	0	1	1	0	0.000	0
476	473	38.8	3.39	3.4	4.11	6.06	0	0	-195	1	0	0	1	1	0	0.000	0
477	474	38.88	3.74	3.4	4.03	6.02	0	0	-265	1	0	0	1	1	0	0.000	0
478	475	38.96	4.07	3.4	3.99	5.9	0	0	-349	1	0	0	1	1	0	0.000	0
479	476	39.04	4.27	3.4	3.93	5.94	0	0	-414	1	0	0	1	1	0	0.000	0
480	477	39.12	4.23	3.4	3.95	5.86	0	0	-400	1	0	0	1	1	0	0.000	0
481	478	39.21	4.15	3.4	3.9	5.85	0	0	-377	1	0	0	1	1	0	0.000	0
482	479	39.29	3.96	3.4	3.87	5.72	0	0	-324	1	0	0	1	1	0	0.000	0
483	480	39.37	3.58	3.4	3.81	5.67	0	0	-237	1	0	0	1	1	0	0.000	0
484	481	39.45	3.17	3.4	3.76	5.6	0	0	-169	1	0	0	1	1	0	0.000	0
485	482	39.53	2.82	3.4	3.7	5.47	0	0	-35	1	0	1	1	1	0	0.000	0
486	483	39.62	2.64	3.3	3.66	5.38	0	0	-108	1	0	1	1	1	0	0.000	0
487	484	39.7	2.53	3.3	3.68	5.38	0	0	-97	1	0	1	1	1	0	0.000	0
488	485	39.78	2.84	3.3	3.84	5.48	0	0	-126	1	0	1	1	1	0	0.000	0
489	486	39.86	3.2	3.3	4.52	5.87	0	0	-58	1	0	0	1	1	0	0.000	0
490	487	39.94	3.19	3.2	6.02	7.82	0	0	-127	1	0	0	1	1	0	0.000	0
491	488	40.03	2.88	3.1	7.61	11.15	0	0	-73	1	0	1	1	1	0	0.000	0
492	489	40.11	3.03	3.1	8.15	12.47	0	0	-74	1	0	0	1	1	0	0.000	0
493	490	40.19	3.84	3.2	7.34	10.72	0	0	-175	1	0	0	1	1	0	0.000	0
494	491	40.27	5.52	3.3	6.25	8.68	0	0	-809	1	0	0	1	1	0	0.000	0
495	492	40.35	6.57	3.4	6.12	7.93	0	0	-1813	1	0	0	1	1	0	0.000	0
496	493	40.44	6.27	3.3	7.22	9.57	0	0	-1203	1	0	0	1	1	0	0.000	0
497	494	40.52	5.65	3.2	9.1	12.47	0	0	-486	1	0	0	1	1	0	0.000	0
498	495	40.6	5.39	3.1	11.04	15.3	0	0	-171	1	0	0	1	1	0	0.000	0
499	496	40.68	4.98	3.0	13.02	17.44	0	0	44	1	0	0	1	1	0	0.000	0
500	497	40.76	3.96	2.9	14.6	20.52	0	0	79	1	0	0	1	1	0	0.000	0
501	498	40.85	3.14	2.9	14.81	22.08	0	0	43	1	0	0	1	1	0	0.000	0
502	499	40.93	2.62	2.9	13.42	18.8	0	0	11	1	0	1	1	1	0	0.000	0
503	500	41.01	2.99	3.0	10.98	15.62	0	0	-25	1	0	1	1	1	0	0.000	0
504	501	41.09	3.74	3.1	8.81	12.55	0	0	-115	1	0	0	1	1	0	0.000	0
505	502	41.17	4.88	3.3	6.99	10.19	0	0	-434	1	0	0	1	1	0	0.000	0
506	503	41.26	5.78	3.4	5.86	8.32	0	0	-1048	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	5.24	3.3	5.77	7.88	0	0	-702	1	0	0	1	1	0	0.000	0
508	505	41.42	3.8	3.2	6.7	9.49	0	0	-190	1	0	0	1	1	0	0.000	0
509	506	41.5	2.98	3.1	7.6	11.72	0	0	-80	1	0	1	1	1	0	0.000	0
510	507	41.58	2.8	3.1	7.58	11.51	0	0	-69	1	0	1	1	1	0	0.000	0
511	508	41.67	3.15	3.2	6.6	9.73	0	0	-112	1	0	0	1	1	0	0.000	0
512	509	41.75	3.5	3.3	5.44	8.06	0	0	-180	1	0	0	1	1	0	0.000	0
513	510	41.83	3.65	3.3	4.74	6.87	0	0	-225	1	0	0	1	1	0	0.000	0
514	511	41.91	3.52	3.3	4.49	6.7	0	0	-208	1	0	0	1	1	0	0.000	0
515	512	41.99	3.28	3.3	4.55	6.81	0	0	-169	1	0	0	1	1	0	0.000	0
516	513	42.08	3.15	3.3	4.6	6.91	0	0	-150	1	0	0	1	1	0	0.000	0
517	514	42.16	3.21	3.3	4.59	6.8	0	0	-158	1	0	0	1	1	0	0.000	0
518	515	42.24	3.41	3.3	4.52	6.69	0	0	-189	1	0	0	1	1	0	0.000	0
519	516	42.32	3.59	3.3	4.44	6.47	0	0	-222	1	0	0	1	1	0	0.000	0
520	517	42.4	3.51	3.3	4.4	6.36	0	0	-209	1	0	0	1	1	0	0.000	0
521	518	42.49	3.28	3.3	4.4	6.45	0	0	-172	1	0	0	1	1	0	0.000	0
522	519	42.57	3.25	3.3	4.4	6.48	0	0	-167	1	0	0	1	1	0	0.000	0
523	520	42.65	3.32	3.3	4.32	6.37	0	0	-179	1	0	0	1	1	0	0.000	0
524	521	42.73	3.41	3.3	4.19	6.17	0	0	-97	1	0	0	1	1	0	0.000	0
525	522	42.81	3.32	3.4	4.09	6.06	0	0	-84	1	0	0	1	1	0	0.000	0
526	523	42.9	3.22	3.3	4.08	6.03	0	0	-110	1	0	0	1	1	0	0.000	0
527	524	42.98	3.06	3.3	4.2	6.08	0	0	-146	1	0	0	1	1	0	0.000	0
528	525	43.06	3.1	3.3	4.44	6.39	0	0	-146	1	0	0	1	1	0	0.000	0
529	526	43.14	3.25	3.3	4.8	6.85	0	0	-159	1	0	0	1	1	0	0.000	0
530	527	43.22	3.68	3.3	5.1	7.5	0	0	-220	1	0	0	1	1	0	0.000	0
531	528	43.31	4.12	3.3	5.3	7.76	0	0	-308	1	0	0	1	1	0	0.000	0
532	529	43.39	4.72	3.3	5.35	7.99	0	0	-496	1	0	0	1	1	0	0.000	0
533	530	43.47	5.34	3.4	5.34	8.04	0	0	-807	1	0	0	1	1	0	0.000	0
534	531	43.55	5.92	3.4	5.26	7.93	0	0	-1270	1	0	0	1	1	0	0.000	0
535	532	43.63	6.26	3.4	5.1	7.72	0	0	-1673	1	0	0	1	1	0	0.000	0
536	533	43.72	6.33	3.4	4.88	7.49	0	0	-1815	1	0	0	1	1	0	0.000	0
537	534	43.8	6.26	3.5	4.64	7.11	0	0	-1777	1	0	0	1	1	0	0.000	0
538	535	43.88	6.09	3.5	4.51	6.8	0	0	-1592	1	0	0	1	1	0	0.000	0
539	536	43.96	5.74	3.4	4.52	6.81	0	0	-1222	1	0	0	1	1	0	0.000	0
540	537	44.04	5.37	3.4	4.62	6.94	0	0	-909	1	0	0	1	1	0	0.000	0
541	538	44.13	4.96	3.4	4.73	7.02	0	0	-651	1	0	0	1	1	0	0.000	0
542	539	44.21	4.76	3.4	4.83	7.19	0	0	-549	1	0	0	1	1	0	0.000	0
543	540	44.29	4.71	3.4	4.89	7.29	0	0	-524	1	0	0	1	1	0	0.000	0
544	541	44.37	4.82	3.4	4.92	7.32	0	0	-569	1	0	0	1	1	0	0.000	0
545	542	44.45	4.96	3.4	5.01	7.29	0	0	-628	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	5.09	3.4	5.17	7.71	0	0	-680	1	0	0	1	1	0	0.000	0
547	544	44.62	5.1	3.3	5.46	7.99	0	0	-659	1	0	0	1	1	0	0.000	0
548	545	44.7	5.21	3.3	5.75	8.5	0	0	-688	1	0	0	1	1	0	0.000	0
549	546	44.78	5.29	3.3	6.16	8.96	0	0	-688	1	0	0	1	1	0	0.000	0
550	547	44.86	5.44	3.3	6.57	9.7	0	0	-722	1	0	0	1	1	0	0.000	0
551	548	44.95	5.61	3.3	6.92	10.21	0	0	-774	1	0	0	1	1	0	0.000	0
552	549	45.03	5.96	3.3	7.09	10.48	0	0	-978	1	0	0	1	1	0	0.000	0
553	550	45.11	6.23	3.3	7.15	10.48	0	0	-1183	1	0	0	1	1	0	0.000	0
554	551	45.19	6.33	3.3	7.1	10.51	0	0	-1286	1	0	0	1	1	0	0.000	0
555	552	45.27	6.28	3.3	6.97	10.35	0	0	-1269	1	0	0	1	1	0	0.000	0
556	553	45.36	6.3	3.3	6.79	10.07	0	0	-1330	1	0	0	1	1	0	0.000	0
557	554	45.44	6.48	3.3	6.66	9.82	0	0	-1553	1	0	0	1	1	0	0.000	0
558	555	45.52	6.71	3.4	6.52	9.86	0	0	-1882	1	0	0	1	1	0	0.000	0
559	556	45.6	6.91	3.4	6.36	9.45	0	0	-2233	1	0	0	1	1	0	0.000	0
560	557	45.69	6.86	3.4	6.15	9.14	0	0	-2228	1	0	0	1	1	0	0.000	0
561	558	45.77	6.43	3.4	6.01	9	0	0	-1664	1	0	0	1	1	0	0.000	0
562	559	45.85	5.97	3.4	5.95	8.88	0	0	-1193	1	0	0	1	1	0	0.000	0
563	560	45.93	5.42	3.3	5.99	8.8	0	0	[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	5.02	3.3	6.14	8.96	0	0	[illegible]	1	0	0	1	1	0	0.000	0
565	562	46.1	4.62	3.3	6.42	9.21	0	0	[illegible]	1	0	0	1	1	0	0.000	0
566	563	46.18	4.32	3.2	6.75	9.71	0	0	[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	4.2	3.2	7.03	10.06	0	0	[illegible]	1	0	0	1	1	0	0.000	0
568	565	46.34	4.24	3.2	7.13	10.28	0	0	-253	1	0	0	1	1	0	0.000	0
569	566	46.42	4.61	3.2	6.97	10.12	0	0	-351	1	0	0	1	1	0	0.000	0
570	567	46.51	5.2	3.3	6.61	9.64	0	0	-596	1	0	0	1	1	0	0.000	0
571	568	46.59	5.81	3.3	6.14	9.15	0	0	-1027	1	0	0	1	1	0	0.000	0
572	569	46.67	6.18	3.4	5.75	8.57	0	0	-1438	1	0	0	1	1	0	0.000	0
573	570	46.75	6.05	3.4	5.46	8.29	0	0	-1361	1	0	0	1	1	0	0.000	0
574	571	46.83	5.7	3.4	5.24	8.01	0	0	-1078	1	0	0	1	1	0	0.000	0
575	572	46.92	5.34	3.4	5.07	7.66	0	0	-837	1	0	0	1	1	0	0.000	0
576	573	47	5.14	3.4	4.93	7.47	0	0	-731	1	0	0	1	1	0	0.000	0
577	574	47.08	4.98	3.4	4.89	7.36	0	0	-648	1	0	0	1	1	0	0.000	0
578	575	47.16	4.8	3.4	4.86	7.37	0	0	-564	1	0	0	1	1	0	0.000	0
579	576	47.24	4.56	3.4	4.86	7.27	0	0	-466	1	0	0	1	1	0	0.000	0
580	577	47.33	4.31	3.3	4.87	7.28	0	0	-381	1	0	0	1	1	0	0.000	0
581	578	47.41	4.12	3.3	4.91	7.32	0	0	-324	1	0	0	1	1	0	0.000	0
582	579	47.49	3.97	3.3	4.98	7.37	0	0	-284	1	0	0	1	1	0	0.000	0
583	580	47.57	3.77	3.3	5.08	7.45	0	0	-238	1	0	0	1	1	0	0.000	0
584	581	47.65	4.52	3.3	5.2	7.59	0	0	-431	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	5.28	3.4	5.35	7.8	0	0	-769	1	0	0	1	1	0	0.000	0
586	583	47.82	5.65	3.4	5.5	8.01	0	0	-1001	1	0	0	1	1	0	0.000	0
587	584	47.9	6.99	3.4	5.71	8.09	0	0	-2616	1	0	0	1	1	0	0.000	0
588	585	47.98	5.38	3.1	11.66	8.51	0	0	-98	1	0	0	1	1	0	0.000	0
589	586	48.06	3.53	2.7	26.05	33.08	0	0	355	1	0	0	0	1	0	0.000	0
590	587	48.15	2.43	2.4	53.08	70.33	0	0	410	1	1	1	0	1	0	0.000	0
591	588	48.23	2.15	2.2	77.88	113.69	0	0	514	1	1	1	0	1	0	0.000	0
592	589	48.31	2.1	2.2	93.21	129.86	0	0	607	1	1	1	0	1	0	0.000	0
593	590	48.39	1.99	2.1	103.95	131.55	0	0	622	1	1	1	0	1	0	0.000	0
594	591	48.47	1.78	2.0	113.34	155.4	0	0	566	1	1	1	0	1	0	0.000	0
595	592	48.56	1.67	2.0	122.32	162.73	0	0	557	0	1	1	0	1	0	0.000	0
596	593	48.64	1.66	2.0	120.12	164.71	0	0	541	0	1	1	0	1	0	0.000	0
597	594	48.72	1.86	2.1	112.01	146.61	0	0	601	1	1	1	0	1	0	0.000	0
598	595	48.8	2.1	2.1	104.22	136.1	0	0	690	1	1	1	0	1	0	0.000	0
599	596	48.88	2.25	2.2	102.06	139.22	0	0	771	1	1	1	0	1	0	0.000	0
600	597	48.97	2.22	2.1	104.28	141.81	0	0	769	1	1	1	0	1	0	0.000	0
601	598	49.05	2.2	2.1	102.18	145.89	0	0	738	1	1	1	0	1	0	0.000	0
602	599	49.13	2.28	2.2	97.19	130.23	0	0	749	1	1	1	0	1	0	0.000	0
603	600	49.21	2.16	2.2	92.49	122.25	0	0.01	735	1	1	1	0	1	0	0.000	0
604	601	49.29	1.96	2.1	92.34	123.62	0	0.01	579	1	1	1	0	1	0	0.000	0
605	602	49.38	1.67	2.1	95.07	125.24	0	0.02	419	1	1	1	0	1	0	0.000	0
606	603	49.46	1.49	2.0	99.57	126.58	0	0.04	273	1	1	1	0	1	0	0.000	0
607	604	49.54	1.34	2.0	103.92	135.62	0	0.03	340	1	1	1	0	1	0	0.000	0
608	605	49.62	1.26	2.0	110.1	136.28	0	0.05	337	1	1	1	0	1	0	0.000	0
609	606	49.7	1.22	1.9	114.78	146.47	0	0.04	340	1	1	1	0	1	0	0.000	0
610	607	49.79	1.21	1.9	118.06	150.98	0	0.03	347	1	1	1	0	1	0	0.000	0
611	608	49.87	1.23	1.9	117.43	148.28	0	0	352	1	1	1	0	1	0	0.000	0
612	609	49.95	1.32	2.0	112.7	146.2	0	0	366	1	1	1	0	1	0	0.000	0
613	610	50.03	1.58	2.0	101.37	138.88	0	0	414	1	1	1	0	1	0	0.000	0
614	611	50.11	2	2.2	87.84	114.56	0	0	517	1	1	1	0	1	0	0.000	0
615	612	50.2	2.76	2.3	70.48	103.21	0	0	785	1	1	1	0	1	0	0.000	0
616	613	50.28	3.64	2.5	54.83	77.83	0	0	1216	1	1	0	0	1	0	0.000	0
617	614	50.36	4.94	2.7	40.05	56.14	0	0	2273	1	0	0	0	1	0	0.000	0
618	615	50.44	6.01	2.8	31.39	44.77	0	0	3545	1	0	0	0	1	0	0.000	0
619	616	50.52	6.24	2.9	28.5	40.54	0	0	3565	1	0	0	0	1	0	0.000	0
620	617	50.61	5.88	2.9	27.2	42.61	0	0	2502	1	0	0	0	1	0	0.000	0
621	618	50.69	5.32	2.8	26.14	38.68	0	0	1514	1	0	0	0	1	0	0.000	0
622	619	50.77	5.29	2.9	22.73	35.55	0	0	1109	1	0	0	0	1	0	0.000	0
623	620	50.85	5.14	2.9	18.89	27.27	0	0	617	1	0	0	0	1	0	0.000	0
624	621	50.93	5.22	3.0	14.52	21.75	0	0	207	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	4.99	3.1	10.83	16.62	0	0	-143	1	0	0	1	1	0	0.000	0
626	623	51.1	4.99	3.2	7.69	11.44	0	0	-413	1	0	0	1	1	0	0.000	0
627	624	51.18	4.72	3.3	5.54	8.47	0	0	-483	1	0	0	1	1	0	0.000	0
628	625	51.26	3.77	3.3	4.61	7.57	0	0	-253	1	0	0	1	1	0	0.000	0
629	626	51.34	2.59	3.3	4.46	7.52	0	0	-94	1	0	1	1	1	0	0.000	0
630	627	51.43	1.89	3.2	4.62	7.69	0	0	-49	1	0	1	1	1	0	0.000	0
631	628	51.51	1.68	3.1	4.95	8.08	0	0	-39	1	0	1	1	1	0	0.000	0
632	629	51.59	1.63	3.1	5.44	8.63	0	0	-34	1	0	1	1	1	0	0.000	0
633	630	51.67	1.66	3.1	5.98	9.47	0	0	-33	1	0	1	1	1	0	0.000	0
634	631	51.75	1.81	3.0	6.63	10.04	0	0	-34	1	0	1	1	1	0	0.000	0
635	632	51.84	2.03	3.0	7.19	11.12	0	0	-37	1	0	1	1	1	0	0.000	0
636	633	51.92	2.23	3.0	7.71	11.72	0	0	-41	1	0	1	1	1	0	0.000	0
637	634	52	2.33	3.0	8	12.17	0	0	-42	1	0	1	1	1	0	0.000	0
638	635	52.08	2.5	3.0	8.15	12.5	0	0	-47	1	0	1	1	1	0	0.000	0
639	636	52.16	2.78	3.1	8.06	12.43	0	0	-61	1	0	1	1	1	0	0.000	0
640	637	52.25	3.02	3.1	7.94	12.04	0	0	-77	1	0	0	1	1	0	0.000	0
641	638	52.33	3.08	3.1	7.79	11.97	0	0	-84	1	0	0	1	1	0	0.000	0
642	639	52.41	2.99	3.1	7.74	11.82	0	0	-79	1	0	1	1	1	0	0.000	0
643	640	52.49	2.95	3.1	7.66	11.57	0	0	-77	1	0	1	1	1	0	0.000	0
644	641	52.57	2.94	3.1	7.63	11.45	0	0	-77	1	0	1	1	1	0	0.000	0
645	642	52.66	2.95	3.1	7.62	11.48	0	0	-78	1	0	1	1	1	0	0.000	0
646	643	52.74	2.94	3.1	7.64	11.44	0	0	-77	1	0	1	1	1	0	0.000	0
647	644	52.82	2.95	3.1	7.65	11.49	0	0	-7	1	0	1	1	1	0	0.000	0
648	645	52.9	2.98	3.1	7.7	11.55	0	0	-79	1	0	1	1	1	0	0.000	0
649	646	52.98	3.03	3.1	7.67	11.64	0	0	-83	1	0	0	1	1	0	0.000	0
650	647	53.07	3.08	3.1	7.67	11.41	0	0	-86	1	0	0	1	1	0	0.000	0
651	648	53.15	3.16	3.1	7.67	11.48	0	0	-92	1	0	0	1	1	0	0.000	0
652	649	53.23	3.32	3.1	7.87	11.69	0	0	-102	1	0	0	1	1	0	0.000	0
653	650	53.31	3.4	3.1	8.11	12.12	0	0	-103	1	0	0	1	1	0	0.000	0
654	651	53.4	3.35	3.1	8.45	12.52	0	0	-91	1	0	0	1	1	0	0.000	0
655	652	53.48	3.3	3.1	8.77	13.2	0	0	-80	1	0	0	1	1	0	0.000	0
656	653	53.56	3.45	3.1	9	13.59	0	0	-86	1	0	0	1	1	0	0.000	0
657	654	53.64	3.87	3.1	8.98	13.53	0	0	-122	1	0	0	1	1	0	0.000	0
658	655	53.72	4.33	3.1	8.83	13.3	0	0	-186	1	0	0	1	1	0	0.000	0
659	656	53.81	4.71	3.2	8.69	13.33	0	0	-262	1	0	0	1	1	0	0.000	0
660	657	53.89	5.04	3.2	8.68	13.51	0	0	-341	1	0	0	1	1	0	0.000	0
661	658	53.97	5.27	3.2	8.77	13.6	0	0	-398	1	0	0	1	1	0	0.000	0
662	659	54.05	5.4	3.2	8.84	13.77	0	0	-432	1	0	0	1	1	0	0.000	0
663	660	54.13	5.45	3.2	8.74	13.88	0	0	-461	1	0	0	1	1	0	0.000	0
664	661	54.22	5.56	3.2	8.5	13.37	0	0	-534	1	0	0	1	1	0	0.000	0
665	662	54.3	5.72	3.2	8.24	12.8	0	0	-642	1	0	0	1	1	0	0.000	0
666	663	54.38	5.79	3.2	8.1	12.61	0	0	-700	1	0	0	1	1	0	0.000	0
667	664	54.46	5.72	3.2	7.99	12.47	0	0	-680	1	0	0	1	1	0	0.000	0
668	665	54.54	5.72	3.3	7.86	12.25	0	0	-700	1	0	0	1	1	0	0.000	0
669	666	54.63	5.95	3.3	7.65	12.04	0	0	-870	1	0	0	1	1	0	0.000	0

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670	667	54.71	6.29	3.3	7.45	11.61	0	0	-1168	1	0	0	1	1	0	0.000	0
671	668	54.79	6.47	3.3	7.39	11.59	0	0	-1349	1	0	0	1	1	0	0.000	0
672	669	54.87	6.27	3.3	7.43	11.87	0	0	-1155	1	0	0	1	1	0	0.000	0
673	670	54.95	5.87	3.3	7.49	11.76	0	0	-846	1	0	0	1	1	0	0.000	0
674	671	55.04	5.56	3.3	7.35	11.59	0	0	-687	1	0	0	1	1	0	0.000	0
675	672	55.12	5.4	3.3	7.09	11.18	0	0	-639	1	0	0	1	1	0	0.000	0
676	673	55.2	5.43	3.3	6.72	10.62	0	0	-698	1	0	0	1	1	0	0.000	0
677	674	55.28	5.51	3.3	6.33	10.17	0	0	-793	1	0	0	1	1	0	0.000	0
678	675	55.36	5.5	3.3	6.05	9.69	0	0	-822	1	0	0	1	1	0	0.000	0
679	676	55.45	5.37	3.3	5.81	9.46	0	0	-772	1	0	0	1	1	0	0.000	0
680	677	55.53	4.98	3.3	5.58	9.05	0	0	-589	1	0	0	1	1	0	0.000	0
681	678	55.61	4.66	3.3	5.29	8.53	0	0	-477	1	0	0	1	1	0	0.000	0
682	679	55.69	4.44	3.3	4.99	8.09	0	0	-416	1	0	0	1	1	0	0.000	0
683	680	55.77	4.33	3.4	4.76	7.69	0	0	-393	1	0	0	1	1	0	0.000	0
684	681	55.86	4.18	3.4	4.65	7.46	0	0	-352	1	0	0	1	1	0	0.000	0
685	682	55.94	3.94	3.3	4.74	7.52	0	0	-286	1	0	0	1	1	0	0.000	0
686	683	56.02	3.74	3.3	4.92	7.92	0	0	-237	1	0	0	1	1	0	0.000	0
687	684	56.1	3.7	3.3	5.1	8.11	0	0	-224	1	0	0	1	1	0	0.000	0
688	685	56.18	3.9	3.3	5.24	8.21	0	0	-259	1	0	0	1	1	0	0.000	0
689	686	56.27	4.24	3.3	5.43	8.47	0	0	-333	1	0	0	1	1	0	0.000	0
690	687	56.35	4.61	3.3	5.72	8.84	0	0	-431	1	0	0	1	1	0	0.000	0
691	688	56.43	4.94	3.3	6.1	9.33	0	0	-528	1	0	0	1	1	0	0.000	0
692	689	56.51	5.21	3.3	6.43	10.09	0	0	-611	1	0	0	1	1	0	0.000	0
693	690	56.59	5.36	3.3	6.65	10.4	0	0	-670	1	0	0	1	1	0	0.000	0
694	691	56.68	5.41	3.3	6.61	10.51	0	0	-701	1	0	0	1	1	0	0.000	0
695	692	56.76	5.26	3.3	6.42	10.22	0	0	-644	1	0	0	1	1	0	0.000	0
696	693	56.84	5.15	3.3	6.17	9.76	0	0	-616	1	0	0	1	1	0	0.000	0
697	694	56.92	5.03	3.3	5.92	9.47	0	0	-583	1	0	0	1	1	0	0.000	0
698	695	57	4.99	3.3	5.73	8.99	0	0	-581	1	0	0	1	1	0	0.000	0
699	696	57.09	4.83	3.3	5.59	8.83	0	0	-523	1	0	0	1	1	0	0.000	0
700	697	57.17	4.69	3.3	5.52	8.72	0	0	-473	1	0	0	1	1	0	0.000	0
701	698	57.25	4.53	3.3	5.45	8.57	0	0	-420	1	0	0	1	1	0	0.000	0
702	699	57.33	4.4	3.3	5.4	8.48	0	0	-381	1	0	0	1	1	0	0.000	0
703	700	57.41	4.13	3.3	5.48	8.55	0	0	-303	1	0	0	1	1	0	0.000	0
704	701	57.5	3.98	3.3	5.62	8.92	0	0	-262	1	0	0	1	1	0	0.000	0
705	702	57.58	3.95	3.3	5.61	9.11	0	0	-256	1	0	0	1	1	0	0.000	0
706	703	57.66	4.07	3.3	5.42	8.73	0	0	-291	1	0	0	1	1	0	0.000	0
707	704	57.74	4.22	3.3	5.11	8.27	0	0	-343	1	0	0	1	1	0	0.000	0
708	705	57.82	4.34	3.4	4.85	7.92	0	0	-391	1	0	0	1	1	0	0.000	0
709	706	57.91	4.45	3.4	4.63	7.5	0	0	-440	1	0	0	1	1	0	0.000	0
710	707	57.99	4.41	3.4	4.43	7.29	0	0	-437	1	0	0	1	1	0	0.000	0
711	708	58.07	4.24	3.4	4.26	7.04	0	0	-388	1	0	0	1	1	0	0.000	0
712	709	58.15	3.77	3.4	4.1	6.8	0	0	-269	1	0	0	1	1	0	0.000	0
713	710	58.23	3.33	3.4	4.01	6.65	0	0	-188	1	0	0	1	1	0	0.000	0
714	711	58.32	2.88	3.3	3.98	6.6	0	0	-128	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	2.78	3.3	3.91	6.75	0	0	-118	1	0	1	1	1	0	0.000	0
716	713	58.48	2.8	3.3	3.85	6.39	0	0	-121	1	0	1	1	1	0	0.000	0
717	714	58.56	3.05	3.4	3.75	6.38	0	0	-152	1	0	0	1	1	0	0.000	0
718	715	58.64	3.36	3.4	3.78	6.35	0	0	-198	1	0	0	1	1	0	0.000	0
719	716	58.73	3.59	3.4	3.85	6.42	0	0	-238	1	0	0	1	1	0	0.000	0
720	717	58.81	3.62	3.4	3.98	6.54	0	0	-241	1	0	0	1	1	0	0.000	0
721	718	58.89	3.48	3.4	4.16	6.74	0	0	-210	1	0	0	1	1	0	0.000	0
722	719	58.97	3.26	3.3	4.33	7.14	0	0	-170	1	0	0	1	1	0	0.000	0
723	720	59.05	3.12	3.3	4.44	7.28	0	0	-149	1	0	0	1	1	0	0.000	0
724	721	59.14	3.1	3.3	4.41	7.25	0	0	-147	1	0	0	1	1	0	0.000	0
725	722	59.22	3.19	3.3	4.33	7.08	0	0	-160	1	0	0	1	1	0	0.000	0
726	723	59.3	3.23	3.3	4.28	6.94	0	0	-167	1	0	0	1	1	0	0.000	0
727	724	59.38	3.28	3.3	4.31	6.97	0	0	-174	1	0	0	1	1	0	0.000	0
728	725	59.46	3.41	3.3	4.43	7.15	0	0	-191	1	0	0	1	1	0	0.000	0
729	726	59.55	3.68	3.3	4.54	7.47	0	0	-237	1	0	0	1	1	0	0.000	0
730	727	59.63	3.96	3.4	4.59	7.49	0	0	-297	1	0	0	1	1	0	0.000	0
731	728	59.71	4.22	3.4	4.57	7.53	0	0	-368	1	0	0	1	1	0	0.000	0
732	729	59.79	4.41	3.4	4.55	7.53	0	0	-430	1	0	0	1	1	0	0.000	0
733	730	59.87	4.63	3.4	4.52	7.5	0	0	-515	1	0	0	1	1	0	0.000	0
734	731	59.96	4.8	3.4	4.46	7.43	0	0	-594	1	0	0	1	1	0	0.000	0
735	732	60.04	4.83	3.4	4.4	7.31	0	0	-613	1	0	0	1	1	0	0.000	0
736	733	60.12	4.75	3.4	4.35	7.25	0	0	-579	1	0	0	1	1	0	0.000	0
737	734	60.2	4.68	3.4	4.29	7.2	0	0	-55	1	0	0	1	1	0	0.000	0
738	735	60.28	4.61	3.4	4.2	7.03	0	0	-527	1	0	0	1	1	0	0.000	0
739	736	60.37	4.56	3.4	4.13	6.86	0	0	-511	1	0	0	1	1	0	0.000	0
740	737	60.45	4.43	3.4	4.15	6.85	0	0	-459	1	0	0	1	1	0	0.000	0
741	738	60.53	4.34	3.4	4.26	7.04	0	0	-421	1	0	0	1	1	0	0.000	0
742	739	60.61	4.23	3.4	4.39	7.26	0	0	-379	1	0	0	1	1	0	0.000	0
743	740	60.69	4.21	3.4	4.47	7.4	0	0	-369	1	0	0	1	1	0	0.000	0
744	741	60.78	4.28	3.4	4.51	7.47	0	0	-389	1	0	0	1	1	0	0.000	0
745	742	60.86	4.44	3.4	4.51	7.52	0	0	-443	1	0	0	1	1	0	0.000	0
746	743	60.94	4.58	3.4	4.51	7.48	0	0	-496	1	0	0	1	1	0	0.000	0
747	744	61.02	4.7	3.4	4.51	7.51	0	0	-545	1	0	0	1	1	0	0.000	0
748	745	61.1	4.81	3.4	4.55	7.56	0	0	-592	1	0	0	1	1	0	0.000	0
749	746	61.19	4.96	3.4	4.56	7.65	0	0	-666	1	0	0	1	1	0	0.000	0
750	747	61.27	5.1	3.4	4.53	7.61	0	0	-746	1	0	0	1	1	0	0.000	0
751	748	61.35	5.28	3.4	4.43	7.51	0	0	-868	1	0	0	1	1	0	0.000	0
752	749	61.43	4.96	3.4	4.32	7.35	0	0	-686	1	0	0	1	1	0	0.000	0
753	750	61.52	4.67	3.4	4.21	7.17	0	0	-552	1	0	0	1	1	0	0.000	0
754	751	61.6	4.32	3.4	4.16	7.02	0	0	-420	1	0	0	1	1	0	0.000	0
755	752	61.68	4.45	3.4	4.21	7.06	0	0	-463	1	0	0	1	1	0	0.000	0
756	753	61.76	4.75	3.4	4.39	7.22	0	0	-576	1	0	0	1	1	0	0.000	0
757	754	61.84	5.23	3.4	4.66	7.65	0	0	-812	1	0	0	1	1	0	0.000	0
758	755	61.93	5.56	3.4	5.07	8.47	0	0	-992	1	0	0	1	1	0	0.000	0
759	756	62.01	5.82	3.4	5.45	9.44	0	0	-1147	1	0	0	1	1	0	0.000	0

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760	757	62.09	5.77	3.4	5.84	9.75	0	0	-1043	1	0	0	1	1	0	0.000	0
761	758	62.17	5.9	3.4	6.05	10.21	0	0	-1114	1	0	0	1	1	0	0.000	0
762	759	62.25	6.07	3.4	6.16	10.24	0	0	-1245	1	0	0	1	1	0	0.000	0
763	760	62.34	6.03	3.3	6.26	10.33	0	0	-1189	1	0	0	1	1	0	0.000	0
764	761	62.42	5.68	3.3	6.55	10.7	0	0	-870	1	0	0	1	1	0	0.000	0
765	762	62.5	5.14	3.3	6.82	11.51	0	0	-548	1	0	0	1	1	0	0.000	0
766	763	62.58	4.84	3.3	6.83	11.71	0	0	-432	1	0	0	1	1	0	0.000	0
767	764	62.66	4.7	3.3	6.33	11.06	0	0	-421	1	0	0	1	1	0	0.000	0
768	765	62.75	4.66	3.3	5.71	9.62	0	0	-449	1	0	0	1	1	0	0.000	0
769	766	62.83	4.8	3.4	5.03	8.8	0	0	-552	1	0	0	1	1	0	0.000	0
770	767	62.91	5.06	3.4	4.55	7.8	0	0	-721	1	0	0	1	1	0	0.000	0
771	768	62.99	5.16	3.4	4.26	7.22	0	0	-808	1	0	0	1	1	0	0.000	0
772	769	63.07	4.98	3.4	4.22	7.29	0	0	-705	1	0	0	1	1	0	0.000	0
773	770	63.16	4.79	3.4	4.36	7.37	0	0	-597	1	0	0	1	1	0	0.000	0
774	771	63.24	4.73	3.4	4.56	7.63	0	0	-555	1	0	0	1	1	0	0.000	0
775	772	63.32	4.78	3.4	4.8	8.01	0	0	-560	1	0	0	1	1	0	0.000	0
776	773	63.4	5.07	3.4	5.07	8.35	0	0	-679	1	0	0	1	1	0	0.000	0
777	774	63.48	5.07	3.3	5.58	8.82	0	0	-632	1	0	0	1	1	0	0.000	0
778	775	63.57	4.67	3.3	6.36	10.31	0	0	-409	1	0	0	1	1	0	0.000	0
779	776	63.65	4.12	3.2	7.05	11.84	0	0	-233	1	0	0	1	1	0	0.000	0
780	777	63.73	4.2	3.2	7.02	12.22	0	0	-250	1	0	0	1	1	0	0.000	0
781	778	63.81	4.91	3.3	6.29	10.81	0	0	-500	1	0	0	1	1	0	0.000	0
782	779	63.89	6	3.4	5.37	9.24	0	0	-1324	1	0	0	1	1	0	0.000	0
783	780	63.98	6.66	3.5	4.76	8.21	0	0	-2345	1	0	0	1	1	0	0.000	0
784	781	64.06	6.73	3.5	4.49	7.76	0	0	-2458	1	0	0	1	1	0	0.000	0
785	782	64.14	6.58	3.5	4.34	7.67	0	0	-2336	1	0	0	1	1	0	0.000	0
786	783	64.22	6.27	3.5	4.25	7.39	0	0	-1879	1	0	0	1	1	0	0.000	0
787	784	64.3	5.97	3.5	4.19	7.36	0	0	-1514	1	0	0	1	1	0	0.000	0
788	785	64.39	5.6	3.5	4.19	7.35	0	0	-1144	1	0	0	1	1	0	0.000	0
789	786	64.47	5.12	3.4	4.31	7.39	0	0	-778	1	0	0	1	1	0	0.000	0
790	787	64.55	4.7	3.4	4.48	7.74	0	0	-547	1	0	0	1	1	0	0.000	0
791	788	64.63	4.4	3.4	4.72	8.05	0	0	-418	1	0	0	1	1	0	0.000	0
792	789	64.71	4.26	3.3	4.91	8.29	0	0	-364	1	0	0	1	1	0	0.000	0
793	790	64.8	4.3	3.3	5.03	8.6	0	0	-370	1	0	0	1	1	0	0.000	0
794	791	64.88	4.4	3.3	5.11	8.74	0	0	-397	1	0	0	1	1	0	0.000	0
795	792	64.96	4.54	3.3	5.14	8.85	0	0	-442	1	0	0	1	1	0	0.000	0
796	793	65.04	4.6	3.3	5.13	8.9	0	0	-464	1	0	0	1	1	0	0.000	0
797	794	65.12	4.75	3.4	4.91	8.67	0	0	-539	1	0	0	1	1	0	0.000	0
798	795	65.21	4.69	3.4	4.78	8.2	0	0	-523	1	0	0	1	1	0	0.000	0
799	796	65.29	4.54	3.4	4.65	8.18	0	0	-471	1	0	0	1	1	0	0.000	0
800	797	65.37	4.3	3.4	4.65	7.96	0	0	-389	1	0	0	1	1	0	0.000	0
801	798	65.45	4.29	3.4	4.57	7.77	0	0	-389	1	0	0	1	1	0	0.000	0
802	799	65.53	4.44	3.4	4.52	7.76	0	0	-442	1	0	0	1	1	0	0.000	0
803	800	65.62	4.53	3.4	4.57	7.81	0	0	-472	1	0	0	1	1	0	0.000	0
804	801	65.7	4.61	3.4	4.61	8.1	0	0	-501	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	4.78	3.4	4.66	8.12	0	0	-570	1	0	0	1	1	0	0.000	0
806	803	65.86	5.03	3.4	4.71	8.16	0	0	-690	1	0	0	1	1	0	0.000	0
807	804	65.94	5.33	3.4	4.84	8.38	0	0	-857	1	0	0	1	1	0	0.000	0
808	805	66.03	5.66	3.4	4.97	8.62	0	0	-1085	1	0	0	1	1	0	0.000	0
809	806	66.11	5.88	3.4	5.17	8.96	0	0	-1248	1	0	0	1	1	0	0.000	0
810	807	66.19	5.98	3.4	5.35	9.34	0	0	-1312	1	0	0	1	1	0	0.000	0
811	808	66.27	6.01	3.4	5.59	9.75	0	0	-1297	1	0	0	1	1	0	0.000	0
812	809	66.35	6.05	3.4	5.81	10.02	0	0	-1294	1	0	0	1	1	0	0.000	0
813	810	66.44	6.11	3.4	6	10.36	0	0	-1315	1	0	0	1	1	0	0.000	0
814	811	66.52	6.1	3.4	6.15	10.64	0	0	-1275	1	0	0	1	1	0	0.000	0
815	812	66.6	6.12	3.3	6.36	10.81	0	0	-1251	1	0	0	1	1	0	0.000	0
816	813	66.68	6.33	3.3	6.56	11.37	0	0	-1415	1	0	0	1	1	0	0.000	0
817	814	66.76	6.64	3.3	6.65	11.52	0	0	-1749	1	0	0	1	1	0	0.000	0
818	815	66.85	7.1	3.4	6.46	11.42	0	0	-2518	1	0	0	1	1	0	0.000	0
819	816	66.93	7.5	3.4	6.15	10.8	0	0	-3516	1	0	0	1	1	0	0.000	0
820	817	67.01	8.01	3.4	5.77	10.38	0	0	-5314	1	0	0	1	1	0	0.000	0
821	818	67.09	8.33	3.5	5.48	9.63	0	0	-6901	1	0	0	1	1	0	0.000	0
822	819	67.17	8.56	3.5	5.15	9.38	0	0	-8443	1	0	0	1	1	0	0.000	0
823	820	67.26	8.45	3.5	4.85	8.77	0	0	-8158	1	0	0	1	1	0	0.000	0
824	821	67.34	8.3	3.5	4.52	8.24	0	0	-7686	1	0	0	1	1	0	0.000	0
825	822	67.42	7.91	3.5	4.26	7.84	0	0	-6073	1	0	0	1	1	0	0.000	0
826	823	67.5	7.26	3.5	4.08	7.5	0	0	-3534	1	0	0	1	1	0	0.000	0
827	824	67.58	6.18	3.5	3.99	7.26	0	0	-1814	1	0	0	1	1	0	0.000	0
828	825	67.67	5.27	3.5	4.01	7.23	0	0	-907	1	0	0	1	1	0	0.000	0
829	826	67.75	4.75	3.4	4.17	7.39	0	0	-492	1	0	0	1	1	0	0.000	0
830	827	67.83	4.6	3.4	4.42	7.78	0	0	-509	1	0	0	1	1	0	0.000	0
831	828	67.91	4.46	3.4	4.6	8.21	0	0	-445	1	0	0	1	1	0	0.000	0
832	829	67.99	4.6	3.4	4.72	8.14	0	0	-490	1	0	0	1	1	0	0.000	0
833	830	68.08	5.35	3.4	5.28	8.3	0	0	-820	1	0	0	1	1	0	0.000	0
834	831	68.16	5.46	3.3	6.77	10.65	0	0	-708	1	0	0	1	1	0	0.000	0
835	832	68.24	5.27	3.2	8.69	14.84	0	0	-407	1	0	0	1	1	0	0.000	0
836	833	68.32	4.38	3.0	12.26	17.33	0	0	-13	1	0	0	1	1	0	0.000	0
837	834	68.4	3.85	2.9	16.57	27.98	0	0	139	1	0	0	0	1	0	0.000	0
838	835	68.49	3.61	2.8	20.96	36.8	0	0	237	1	0	0	0	1	0	0.000	0
839	836	68.57	3.65	2.8	23.64	39.5	0	0	323	1	0	0	0	1	0	0.000	0
840	837	68.65	3.94	2.8	24.83	42.17	0	0	455	1	0	0	0	1	0	0.000	0
841	838	68.73	4.2	2.8	26.14	43.1	0	0	622	1	0	0	0	1	0	0.000	0
842	839	68.81	4.4	2.8	27.17	46.7	0	0	787	1	0	0	0	1	0	0.000	0
843	840	68.9	4.5	2.8	28.42	47.83	0	0	926	1	0	0	0	1	0	0.000	0
844	841	68.98	4.92	2.8	29.08	49.91	0	0	1347	1	0	0	0	1	0	0.000	0
845	842	69.06	5.23	2.8	30.76	50.42	0	0	1890	1	0	0	0	1	0	0.000	0
846	843	69.14	5.38	2.8	32.85	57.2	0	0	2366	1	0	0	0	1	0	0.000	0
847	844	69.22	5.07	2.7	35.17	61.61	0	0	2072	1	0	0	0	1	0	0.000	0
848	845	69.31	4.61	2.7	37.71	63.4	0	0	1601	1	0	0	0	1	0	0.000	0
849	846	69.39	4.35	2.6	42.88	69.86	0	0	1566	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	4.15	2.6	48.6	86.95	0	0.07	1581	1	1	0	0	1	0	0.000	0
851	848	69.55	3.95	2.5	53.54	91.67	0	0.06	1526	1	1	0	0	1	0	0.000	0
852	849	69.64	3.53	2.5	57.27	93.78	0	0.06	1173	1	1	0	0	1	0	0.000	0
853	850	69.72	3.22	2.4	59.65	102.4	0	0.04	950	1	1	0	0	1	0	0.000	0
854	851	69.8	3.1	2.4	60.5	100.45	0	0.05	872	1	1	0	0	1	0	0.000	0
855	852	69.88	3.1	2.4	59.19	96.56	0	0.05	849	1	1	0	0	1	0	0.000	0
856	853	69.96	3.12	2.4	56.92	95.97	0	0.05	821	1	1	0	0	1	0	0.000	0
857	854	70.05	3.16	2.4	56.54	89.6	0	0.07	843	1	1	0	0	1	0	0.000	0
858	855	70.13	3.21	2.4	55.56	95.46	0	0.05	860	1	1	0	0	1	0	0.000	0
859	856	70.21	3.27	2.5	54.8	91.75	0	0.06	889	1	1	0	0	1	0	0.000	0
860	857	70.29	3.29	2.5	50.69	86.78	0	0.07	817	1	1	0	0	1	0	0.000	0
861	858	70.37	3.12	2.5	48.16	74.94	0	0.1	659	1	1	0	0	1	0	0.000	0
862	859	70.46	2.95	2.5	47.71	77.58	0	0	562	1	1	1	0	1	0	0.000	0
863	860	70.54	2.59	2.4	52.29	82.68	0	0	464	1	1	1	0	1	0	0.000	0
864	861	70.62	2.43	2.3	59.14	93.53	0	0	472	1	1	1	0	1	0	0.000	0
865	862	70.7	2.11	2.3	65.52	108.89	0	0	402	1	1	1	0	1	0	0.000	0
866	863	70.78	1.94	2.2	70.07	107.84	0	0	374	1	1	1	0	1	0	0.000	0
867	864	70.87	1.8	2.2	69.25	111.57	0	0.04	324	1	1	1	0	1	0	0.000	0
868	865	70.95	1.82	2.2	67.02	101.69	0	0.06	317	1	1	1	0	1	0	0.000	0
869	866	71.03	1.81	2.2	63.7	97.68	0	0.06	295	1	1	1	0	1	0	0.000	0
870	867	71.11	1.74	2.2	62.75	95.77	0	0.07	272	1	1	1	0	1	0	0.000	0
871	868	71.19	1.45	2.2	64.82	95.29	0	0.08	216	1	1	1	0	1	0	0.000	0
872	869	71.28	1.22	2.1	67.32	99.91	0	0.08	181	1	1	1	0	1	0	0.000	0
873	870	71.36	1	2.0	69.66	98.72	0	0.1	154	1	1	1	0	1	0	0.000	0
874	871	71.44	0.98	2.0	68.82	97.07	0	0.1	149	1	1	1	0	1	0	0.000	0
875	872	71.52	0.95	2.0	68.57	94.12	0	0.12	144	1	1	1	0	1	0	0.000	0
876	873	71.6	0.96	2.0	67.6	97.01	0	0.1	143	1	1	1	0	1	0	0.000	0
877	874	71.69	0.91	2.0	68.06	92.81	0	0.12	137	1	1	1	0	1	0	0.000	0
878	875	71.77	0.94	2.0	67.76	94.52	0	0.11	140	1	1	1	0	1	0	0.000	0
879	876	71.85	0.94	2.0	67.82	96.68	0	0.11	141	1	1	1	0	1	0	0.000	0
880	877	71.93	0.93	2.0	66.56	93.68	0	0.11	136	1	1	1	0	1	0	0.000	0
881	878	72.01	0.93	2.0	64.77	89.5	0	0.13	132	1	1	1	0	1	0	0.000	0
882	879	72.1	1.04	2.1	62.03	90.23	0	0.11	139	1	1	1	0	1	0	0.000	0
883	880	72.18	1.23	2.1	62.27	86.69	0	0.11	167	1	1	1	0	1	0	0.000	0
884	881	72.26	1.37	2.1	66.83	97.4	0	0.08	208	1	1	1	0	1	0	0.000	0
885	882	72.34	1.46	2.1	76.31	115.93	0	0.04	266	1	1	1	0	1	0	0.000	0
886	883	72.42	1.5	2.1	87.87	133.19	0	0.01	326	1	1	1	0	1	0	0.000	0
887	884	72.51	1.46	2.0	99.85	152.28	0	0	364	1	1	1	0	1	0	0.000	0
888	885	72.59	1.52	2.0	110.33	171.31	0	0	431	0	1	1	0	1	0	0.000	0
889	886	72.67	1.68	2.0	116.99	187.72	0	0	535	0	1	1	0	1	0	0.000	0
890	887	72.75	1.84	2.0	119.38	194.27	0	0	634	0	1	1	0	1	0	0.000	0
891	888	72.83	1.75	2.0	121.75	192.53	0	0	596	0	1	1	0	1	0	0.000	0
892	889	72.92	1.61	2.0	124.92	195.27	0	0	539	0	1	1	0	1	0	0.000	0
893	890	73	1.55	2.0	127.24	201.6	0	0	520	0	1	1	0	1	0	0.000	0
894	891	73.08	1.76	2.0	119.64	200.4	0	0	590	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	1.96	2.1	109.56	170.28	0	0	643	0	1	1	0	1	0	0.000	0
896	893	73.24	2.15	2.1	99.62	163.45	0	0	685	0	1	1	0	1	0	0.000	0
897	894	73.33	2.37	2.2	93.6	159.71	0	0	777	1	1	1	0	1	0	0.000	0
898	895	73.41	2.58	2.2	88.58	147.27	0	0	879	1	1	1	0	1	0	0.000	0
899	896	73.49	2.64	2.3	84.56	143.35	0	0	878	1	1	1	0	1	0	0.000	0
900	897	73.57	2.24	2.2	83.22	139.19	0	0	603	1	1	1	0	1	0	0.000	0
901	898	73.65	1.9	2.2	78.22	129.91	0	0	412	1	1	1	0	1	0	0.000	0
902	899	73.74	1.65	2.2	72.36	107.73	0	0	298	1	1	1	0	1	0	0.000	0
903	900	73.82	1.65	2.2	64.48	102.86	0	0	259	1	1	1	0	1	0	0.000	0
904	901	73.9	1.67	2.2	56.81	91.58	0	0	225	1	1	1	0	1	0	0.000	0
905	902	73.98	1.97	2.4	46.87	73.35	0	0	230	1	1	1	0	1	0	0.000	0
906	903	74.06	2.67	2.5	35.43	61.61	0	0	287	1	1	1	0	1	0	0.000	0
907	904	74.15	3.59	2.7	26.92	44.65	0	0	397	1	0	0	0	1	0	0.000	0
908	905	74.23	4.76	2.9	20.52	35.77	0	0	574	1	0	0	0	1	0	0.000	0
909	906	74.31	5.79	3.0	16.25	26.62	0	0	596	1	0	0	0	1	0	0.000	0
910	907	74.39	6.44	3.1	14.65	21.91	0	0	555	1	0	0	0	1	0	0.000	0
911	908	74.47	5.78	3.0	16.21	26.88	0	0	585	1	0	0	0	1	0	0.000	0
912	909	74.56	4.49	2.9	20.19	34.4	0	0	444	1	0	0	0	1	0	0.000	0
913	910	74.64	3.47	2.7	24.73	43.26	0	0	305	1	0	0	0	1	0	0.000	0
914	911	74.72	2.73	2.6	29.26	52.15	0	0	221	1	0	1	0	1	0	0.000	0
915	912	74.8	2.24	2.5	33.36	55.57	0	0	178	1	1	1	0	1	0	0.000	0
916	913	74.88	1.73	2.4	36.84	59.02	0	0	130	1	1	1	0	1	0	0.000	0
917	914	74.97	1.49	2.3	39.36	62.93	0	0	11	1	1	1	0	1	0	0.000	0
918	915	75.05	1.53	2.3	40.53	63.83	0	0	125	1	1	1	0	1	0	0.000	0
919	916	75.13	1.81	2.4	40.22	64.97	0	0	60	1	1	1	0	1	0	0.000	0
920	917	75.21	2.28	2.5	39.22	65.54	0	0	236	1	1	1	0	1	0	0.000	0
921	918	75.29	2.73	2.5	38.4	65.09	0	0	341	1	1	1	0	1	0	0.000	0
922	919	75.38	3.91	2.6	36.38	65.89	0	0	859	1	0	0	0	1	0	0.000	0
923	920	75.46	4.99	2.7	35.9	64.32	0	0	2008	1	0	0	0	1	0	0.000	0
924	921	75.54	6.13	2.8	35.45	66.02	0	0	4712	1	0	0	0	1	0	0.000	0
925	922	75.62	5.77	2.7	38.33	63.5	0	0	4046	1	0	0	0	1	0	0.000	0
926	923	75.7	5.64	2.7	36.78	82.72	0	0	3445	1	0	0	0	1	0	0.000	0
927	924	75.79	4.61	2.7	37.47	56.66	0	0	1586	1	0	0	0	1	0	0.000	0
928	925	75.87	4.11	2.7	36.15	67.73	0	0	1003	1	0	0	0	1	0	0.000	0
929	926	75.95	2.71	2.5	41.32	72.22	0	0	373	1	1	1	0	1	0	0.000	0
930	927	76.03	1.92	2.4	44.5	72.19	0	0	204	1	1	1	0	1	0	0.000	0
931	928	76.11	1.01	2.2	47.67	72.36	0	0	96	1	1	1	0	1	0	0.000	0
932	929	76.2	0.82	2.1	48.38	69.18	0	0	81	1	1	1	0	1	0	0.000	0
933	930	76.28	0.7	2.1	48.39	68.3	0	0	72	1	1	1	1	1	0	0.000	0
934	931	76.36	0.73	2.1	47.55	68.58	0	0.2	73	1	1	1	1	1	0	0.000	0
935	932	76.44	0.97	2.2	45.24	67.1	0	0.18	86	1	1	1	0	1	0	0.000	0
936	933	76.52	1.16	2.2	43.07	66	0	0.17	96	1	1	1	0	1	0	0.000	0
937	934	76.61	1.42	2.3	42.05	64.51	0	0.17	119	1	1	1	0	1	0	0.000	0
938	935	76.69	1.47	2.3	42.16	67.81	0	0.15	125	1	1	1	0	1	0	0.000	0
939	936	76.77	1.47	2.3	45.13	67.81	0	0.15	137	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
940	937	76.85	1.35	2.2	49.07	78.26	0	0.12	137	1	1	1	0	1	0	0.000	0
941	938	76.93	1.2	2.2	55.59	83.08	0	0.11	141	1	1	1	0	1	0	0.000	0
942	939	77.02	1.06	2.1	61.13	93	0	0.1	139	1	1	1	0	1	0	0.000	0
943	940	77.1	0.96	2.0	65.35	97.54	0	0.1	137	1	1	1	0	1	0	0.000	0
944	941	77.18	0.93	2.0	64.05	96.9	0	0.1	130	1	1	1	0	1	0	0.000	0
945	942	77.26	1	2.1	58.08	86.39	0	0.12	123	1	1	1	0	1	0	0.000	0
946	943	77.34	0.89	2.1	53.23	74.13	0	0.17	99	1	1	1	0	1	0	0.000	0
947	944	77.43	0.7	2.1	49.28	72.72	0	0.19	74	1	1	1	1	1	0	0.000	0
948	945	77.51	0.63	2.1	48.64	63.08	0	0	68	1	1	1	1	1	0	0.000	0
949	946	77.59	0.86	2.2	41.98	70.13	0	0	69	1	1	1	1	1	0	0.000	0
950	947	77.67	1.25	2.3	37.55	52.79	0	0	86	1	1	1	0	1	0	0.000	0
951	948	77.75	1.59	2.4	32.23	53.53	0	0	93	1	1	1	0	1	0	0.000	0
952	949	77.84	1.92	2.5	33.4	51.29	0	0	133	1	1	1	0	1	0	0.000	0
953	950	77.92	2.07	2.5	32.9	62.58	0	0	149	1	1	1	0	1	0	0.000	0
954	951	78	2.18	2.5	31.27	52.89	0	0	152	1	1	1	0	1	0	0.000	0
955	952	78.08	2.34	2.6	24.48	44.89	0	0	112	1	0	1	0	1	0	0.000	0
956	953	78.17	2.87	2.8	16.98	31.35	0	0	67	1	0	1	1	1	0	0.000	0
957	954	78.25	4.09	3.0	11.33	14.7	0	0	-49	1	0	0	1	1	0	0.000	0
958	955	78.33	6.28	3.3	8.38	14.97	0	0	-946	1	0	0	1	1	0	0.000	0
959	956	78.41	5.98	3.2	10.73	15.62	0	0	325	1	0	0	1	1	0	0.000	0
960	957	78.49	5.24	3.0	14.65	26.07	0	0	224	1	0	0	0	1	0	0.000	0
961	958	78.58	4.68	2.9	17.39	35.64	0	0	328	1	0	0	0	1	0	0.000	0
962	959	78.66	4.82	2.9	18.14	30.48	0	0	424	1	0	0	0	1	0	0.000	0
963	960	78.74	5.16	2.9	18.12	30.93	0	0	551	1	0	0	0	1	0	0.000	0
964	961	78.82	4.22	2.8	24.1	34.9	0	0	438	1	0	0	0	1	0	0.000	0
965	962	78.9	3.23	2.6	33.66	64.74	0	0	430	1	0	0	0	1	0	0.000	0
966	963	78.99	2.32	2.4	49	83.42	0	0	335	1	1	1	0	1	0	0.000	0
967	964	79.07	1.92	2.3	59.36	104.46	0	0	299	1	1	1	0	1	0	0.000	0
968	965	79.15	1.72	2.2	65.35	109.86	0	0	281	1	1	1	0	1	0	0.000	0
969	966	79.23	1.7	2.2	66.46	108.13	0	0.05	281	1	1	1	0	1	0	0.000	0
970	967	79.31	1.69	2.2	67.22	108.99	0	0.05	283	1	1	1	0	1	0	0.000	0
971	968	79.4	1.69	2.2	67.87	113.72	0	0.03	286	1	1	1	0	1	0	0.000	0
972	969	79.48	1.76	2.2	66.36	111.99	0	0.03	297	1	1	1	0	1	0	0.000	0
973	970	79.56	1.87	2.2	64	103.58	0	0.05	314	1	1	1	0	1	0	0.000	0
974	971	79.64	2.07	2.3	62.4	105.39	0	0.04	365	1	1	1	0	1	0	0.000	0
975	972	79.72	2.16	2.3	64.22	108.9	0	0.03	411	1	1	1	0	1	0	0.000	0
976	973	79.81	2.26	2.3	67.23	116.2	0	0.01	475	1	1	1	0	1	0	0.000	0
977	974	79.89	2.26	2.3	69.81	124.42	0	0	498	1	1	1	0	1	0	0.000	0
978	975	79.97	2.18	2.2	72.78	122.91	0	0	487	1	1	1	0	1	0	0.000	0
979	976	80.05	2.04	2.2	71.51	130.63	0	0	420	1	1	1	0	1	0	0.000	0
980	977	80.13	1.84	2.2	69.37	113.17	0	0.03	337	1	1	1	0	1	0	0.000	0
981	978	80.22	1.74	2.2	65.31	105.94	0	0.05	286	1	1	1	0	1	0	0.000	0
982	979	80.3	1.61	2.2	64.39	105.8	0	0.05	249	1	1	1	0	1	0	0.000	0
983	980	80.38	1.45	2.2	64.64	104.62	0	0.06	215	1	1	1	0	1	0	0.000	0
984	981	80.46	1.33	2.1	64.72	102.23	0	0.07	193	1	1	1	0	1	0	0.000	0

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985	982	80.54	1.29	2.1	63.72	102.01	0	0.07	182	1	1	1	0	1	0	0.000	0
986	983	80.63	1.28	2.1	61.68	97.96	0	0.07	173	1	1	1	0	1	0	0.000	0
987	984	80.71	1.26	2.2	58.95	92.45	0	0.09	160	1	1	1	0	1	0	0.000	0
988	985	80.79	1.26	2.2	57.95	88.53	0	0.1	157	1	1	1	0	1	0	0.000	0
989	986	80.87	1.27	2.2	59.01	93.43	0	0.08	162	1	1	1	0	1	0	0.000	0
990	987	80.95	1.26	2.1	62.92	97.8	0	0.08	174	1	1	1	0	1	0	0.000	0
991	988	81.04	1.2	2.1	66.24	106.63	0	0.06	175	1	1	1	0	1	0	0.000	0
992	989	81.12	1.19	2.1	68.58	106.96	0	0.06	181	1	1	1	0	1	0	0.000	0
993	990	81.2	1.44	2.1	67.23	109.4	0	0.05	224	1	1	1	0	1	0	0.000	0
994	991	81.28	1.77	2.2	64.92	110.12	0	0.04	292	1	1	1	0	1	0	0.000	0
995	992	81.36	2.1	2.3	63.18	107.47	0	0.04	381	1	1	1	0	1	0	0.000	0
996	993	81.45	2.13	2.3	61.67	110.15	0	0.03	380	1	1	1	0	1	0	0.000	0
997	994	81.53	1.85	2.2	62.92	102.86	0	0.05	302	1	1	1	0	1	0	0.000	0
998	995	81.61	1.42	2.2	65.61	106.52	0	0.05	213	1	1	1	0	1	0	0.000	0
999	996	81.69	1	2.0	71.88	107.83	0	0.08	160	1	1	1	0	1	0	0.000	0
1000	997	81.77	1.3	2.1	72.29	116.94	0	0.04	214	1	1	1	0	1	0	0.000	0
1001	998	81.86	2.08	2.2	71.58	121.87	0	0	436	1	1	1	0	1	0	0.000	0
1002	999	81.94	2.38	2.3	74.81	133.15	0	0	603	1	1	1	0	1	0	0.000	0
1003	1000	82.02	2.55	2.3	79.36	147.4	0	0	752	1	1	1	0	1	0	0.000	0
1004	1001	82.1	2.39	2.2	86.52	153.71	0	0	722	1	1	1	0	1	0	0.000	0
1005	1002	82.18	2.52	2.2	91.27	172.55	0	0	863	0	1	1	0	1	0	0.000	0
1006	1003	82.27	2.32	2.2	94.7	178.69	0	0	753	0	1	1	0	1	0	0.000	0
1007	1004	82.35	2.31	2.2	86.28	168.61	0	0	671	0	1	1	0	1	0	0.000	0
1008	1005	82.43	2.34	2.2	76.98	122.75	0	0	602	1	1	1	0	1	0	0.000	0
1009	1006	82.51	2.28	2.3	69.12	126.09	0	0	701	1	1	1	0	1	0	0.000	0
1010	1007	82.59	1.77	2.2	69.84	119.31	0	0.01	319	1	1	1	0	1	0	0.000	0
1011	1008	82.68	1.44	2.1	67.02	112.02	0	0.05	223	1	1	1	0	1	0	0.000	0
1012	1009	82.76	1.24	2.1	64.29	99.16	0	0.07	175	1	1	1	0	1	0	0.000	0
1013	1010	82.84	1.26	2.1	61.84	98.13	0	0.07	170	1	1	1	0	1	0	0.000	0
1014	1011	82.92	1.11	2.1	63.11	99.19	0	0.08	151	1	1	1	0	1	0	0.000	0
1015	1012	83	1.01	2.1	63.75	99.73	0	0.08	139	1	1	1	0	1	0	0.000	0
1016	1013	83.09	0.91	2.0	65.27	95.57	0	0.11	130	1	1	1	0	1	0	0.000	0
1017	1014	83.17	0.91	2.0	66.33	101	0	0.09	133	1	1	1	0	1	0	0.000	0
1018	1015	83.25	0.98	2.0	68.66	104.1	0	0.08	148	1	1	1	0	1	0	0.000	0
1019	1016	83.33	1.18	2.1	68.05	111.17	0	0.06	178	1	1	1	0	1	0	0.000	0
1020	1017	83.41	1.35	2.1	66.09	108.33	0	0.05	201	1	1	1	0	1	0	0.000	0
1021	1018	83.5	1.49	2.2	63.72	103.43	0	0.06	220	1	1	1	0	1	0	0.000	0
1022	1019	83.58	1.47	2.2	63.21	104.93	0	0.05	213	1	1	1	0	1	0	0.000	0
1023	1020	83.66	1.49	2.2	64.72	105.83	0	0.05	224	1	1	1	0	1	0	0.000	0
1024	1021	83.74	1.54	2.2	62.99	112.55	0	0.03	227	1	1	1	0	1	0	0.000	0
1025	1022	83.82	1.62	2.2	60.06	98.54	0	0.06	230	1	1	1	0	1	0	0.000	0
1026	1023	83.91	1.66	2.3	55.69	93.76	0	0.07	217	1	1	1	0	1	0	0.000	0
1027	1024	83.99	1.52	2.2	54.68	90.88	0	0.08	186	1	1	1	0	1	0	0.000	0
1028	1025	84.07	1.51	2.2	53.75	90.42	0	0.08	180	1	1	1	0	1	0	0.000	0
1029	1026	84.15	1.47	2.2	53.28	88.53	0	0.09	172	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1030	1027	84.23	1.46	2.2	53.26	87.68	0	0.09	170	1	1	1	0	1	0	0.000	0
1031	1028	84.32	1.34	2.2	55.61	89.71	0	0.09	161	1	1	1	0	1	0	0.000	0
1032	1029	84.4	1.24	2.2	57.94	96.96	0	0.07	154	1	1	1	0	1	0	0.000	0
1033	1030	84.48	1.13	2.1	61.01	95.12	0	0.09	148	1	1	1	0	1	0	0.000	0
1034	1031	84.56	0.99	2.1	62.91	99.56	0	0.09	134	1	1	1	0	1	0	0.000	0
1035	1032	84.64	0.82	2.0	65.31	97.89	0	0.11	119	1	1	1	0	1	0	0.000	0
1036	1033	84.73	0.73	2.0	66.61	95.83	0	0.14	112	1	1	1	0	1	0	0.000	0
1037	1034	84.81	0.65	1.9	69.24	95.96	0	0.17	109	1	1	1	0	1	0	0.000	0
1038	1035	84.89	0.58	1.9	73.12	98.79	0	0.2	108	1	1	1	0	1	0	0.000	0
1039	1036	84.97	0.54	1.9	76.42	102	0	0.23	110	1	1	1	0	1	0	0.000	0
1040	1037	85.05	0.62	1.9	77.39	104.85	0	0.18	121	1	1	1	0	1	0	0.000	0
1041	1038	85.14	0.78	1.9	77.44	111.68	0	0.11	141	1	1	1	0	1	0	0.000	0
1042	1039	85.22	0.91	2.0	78.66	119.3	0	0.07	163	1	1	1	0	1	0	0.000	0
1043	1040	85.3	1.03	2.0	77.5	125.9	0	0.05	180	1	1	1	0	1	0	0.000	0
1044	1041	85.38	1.08	2.0	74.97	116.53	0	0.06	182	1	1	1	0	1	0	0.000	0
1045	1042	85.46	1.1	2.0	72.4	112.67	0	0.06	178	1	1	1	0	1	0	0.000	0
1046	1043	85.55	1.02	2.0	72.65	114.44	0	0.06	165	1	1	1	0	1	0	0.000	0
1047	1044	85.63	0.93	2.0	74.34	113.21	0	0.08	156	1	1	1	0	1	0	0.000	0
1048	1045	85.71	0.94	2.0	74.92	114.75	0	0.07	159	1	1	1	0	1	0	0.000	0
1049	1046	85.79	0.99	2.0	75.99	117.07	0	0.06	169	1	1	1	0	1	0	0.000	0
1050	1047	85.87	1.07	2.0	77.05	122.64	0	0.05	186	1	1	1	0	1	0	0.000	0
1051	1048	85.96	1.11	2.0	76.67	125.49	0	0.04	192	1	1	1	0	1	0	0.000	0
1052	1049	86.04	1.08	2.0	75.68	118.03	0	0.06	181	1	1	1	0	1	0	0.000	0
1053	1050	86.12	1.08	2.0	73.83	117.12	0	0.06	178	1	1	1	0	1	0	0.000	0
1054	1051	86.2	1.08	2.0	72.88	116.67	0	0.06	176	1	1	1	0	1	0	0.000	0
1055	1052	86.28	1.19	2.1	70.89	114.95	0	0.05	189	1	1	1	0	1	0	0.000	0
1056	1053	86.37	1.28	2.1	69.09	114.1	0	0.05	199	1	1	1	0	1	0	0.000	0
1057	1054	86.45	1.29	2.1	67.19	112.95	0	0.05	194	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.26	2.1	65.52	106.7	0	0.06	183	1	1	1	0	1	0	0.000	0
1059	1056	86.61	1.36	2.2	63.76	105.3	0	0.06	194	1	1	1	0	1	0	0.000	0
1060	1057	86.7	1.47	2.2	65.09	108.3	0	0.05	221	1	1	1	0	1	0	0.000	0
1061	1058	86.78	1.63	2.2	66.58	119.18	0	0.02	264	1	1	1	0	1	0	0.000	0
1062	1059	86.86	1.69	2.2	67.02	119.66	0	0.01	282	1	1	1	0	1	0	0.000	0
1063	1060	86.94	1.79	2.2	63.37	113.68	0	0.02	288	1	1	1	0	1	0	0.000	0
1064	1061	87.02	1.84	2.3	59.9	102.9	0	0.05	281	1	1	1	0	1	0	0.000	0
1065	1062	87.11	2	2.3	57.65	102.96	0	0.05	310	1	1	1	0	1	0	0.000	0
1066	1063	87.19	1.96	2.3	60.36	105.3	0	0.04	317	1	1	1	0	1	0	0.000	0
1067	1064	87.27	1.81	2.2	64.56	117.61	0	0.01	300	1	1	1	0	1	0	0.000	0
1068	1065	87.35	1.43	2.1	71.32	120.41	0	0.02	238	1	1	1	0	1	0	0.000	0
1069	1066	87.43	1.12	2.0	75.56	125.98	0	0.03	191	1	1	1	0	1	0	0.000	0
1070	1067	87.52	0.89	2.0	78.87	119.25	0	0.07	161	1	1	1	0	1	0	0.000	0
1071	1068	87.6	0.78	1.9	78.74	117.62	0	0.09	144	1	1	1	0	1	0	0.000	0
1072	1069	87.68	0.75	1.9	78.05	113.1	0	0.11	139	1	1	1	0	1	0	0.000	0
1073	1070	87.76	0.76	1.9	74.65	112.9	0	0.1	133	1	1	1	0	1	0	0.000	0
1074	1071	87.84	0.8	2.0	72.02	104.71	0	0.11	132	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	0.99	2.0	68.76	108.8	0	0.07	150	1	1	1	0	1	0	0.000	0
1076	1073	88.01	1.15	2.1	68.47	111.69	0	0.06	174	1	1	1	0	1	0	0.000	0
1077	1074	88.09	1.28	2.1	69.27	115.59	0	0.04	200	1	1	1	0	1	0	0.000	0
1078	1075	88.17	1.32	2.1	70.17	120.44	0	0.03	211	1	1	1	0	1	0	0.000	0
1079	1076	88.25	1.44	2.1	69.67	119.72	0	0.02	234	1	1	1	0	1	0	0.000	0
1080	1077	88.34	1.51	2.2	68.14	118.76	0	0.02	243	1	1	1	0	1	0	0.000	0
1081	1078	88.42	1.49	2.2	67.78	115.72	0	0.03	237	1	1	1	0	1	0	0.000	0
1082	1079	88.5	1.33	2.1	68.82	117.12	0	0.04	208	1	1	1	0	1	0	0.000	0
1083	1080	88.58	1.26	2.1	68.15	117.63	0	0.04	192	1	1	1	0	1	0	0.000	0
1084	1081	88.66	1.19	2.1	68.08	108.29	0	0.06	180	1	1	1	0	1	0	0.000	0
1085	1082	88.75	1.1	2.1	68.55	112.62	0	0.06	166	1	1	1	0	1	0	0.000	0
1086	1083	88.83	0.93	2.0	71.39	113.07	0	0.07	148	1	1	1	0	1	0	0.000	0
1087	1084	88.91	0.83	2.0	72.89	111.01	0	0.09	138	1	1	1	0	1	0	0.000	0
1088	1085	88.99	0.69	1.9	74.11	108.37	0	0.13	123	1	1	1	0	1	0	0.000	0
1089	1086	89.07	0.7	1.9	73.31	106.6	0	0.13	122	1	1	1	0	1	0	0.000	0
1090	1087	89.16	0.8	2.0	71.58	108.12	0	0.1	131	1	1	1	0	1	0	0.000	0
1091	1088	89.24	1.12	2.1	68	112.81	0	0.06	168	1	1	1	0	1	0	0.000	0
1092	1089	89.32	1.23	2.1	68.51	110.96	0	0.05	188	1	1	1	0	1	0	0.000	0
1093	1090	89.4	1.28	2.1	68.86	121.01	0	0.03	198	1	1	1	0	1	0	0.000	0
1094	1091	89.48	1.24	2.1	69.03	117.51	0	0.04	191	1	1	1	0	1	0	0.000	0
1095	1092	89.57	1.2	2.1	68.51	110.26	0	0.06	183	1	1	1	0	1	0	0.000	0
1096	1093	89.65	1.23	2.1	70.67	116.1	0	0.05	195	1	1	1	0	1	0	0.000	0
1097	1094	89.73	1.16	2.0	76.04	129.14	0	0.02	191	1	1	1	0	1	0	0.000	0
1098	1095	89.81	1.33	2.1	79.38	136.31	0	0	247	1	1	1	0	1	0	0.000	0
1099	1096	89.89	1.43	2.1	80.92	142.77	0	0	277	1	1	1	0	1	0	0.000	0
1100	1097	89.98	1.64	2.1	80.59	145.81	0	0	336	1	1	1	0	1	0	0.000	0
1101	1098	90.06	1.82	2.2	76.1	147.15	0	0	370	1	1	1	0	1	0	0.000	0
1102	1099	90.14	2.02	2.2	70.66	127.25	0	0	407	1	1	1	0	1	0	0.000	0
1103	1100	90.22	2.07	2.2	68.12	122.25	0	0	407	1	1	1	0	1	0	0.000	0
1104	1101	90.3	1.88	2.2	71.16	133.67	0	0	361	1	1	1	0	1	0	0.000	0
1105	1102	90.39	1.62	2.1	77.2	138.25	0	0	313	1	1	1	0	1	0	0.000	0
1106	1103	90.47	1.48	2.1	82.92	145.49	0	0	299	1	1	1	0	1	0	0.000	0
1107	1104	90.55	1.4	2.1	87.72	157.14	0	0	296	1	1	1	0	1	0	0.000	0
1108	1105	90.63	1.38	2.0	91.35	159.06	0	0	305	1	1	1	0	1	0	0.000	0
1109	1106	90.71	1.3	2.0	95.02	162.26	0	0	296	0	1	1	0	1	0	0.000	0
1110	1107	90.8	1.18	2.0	99.48	169.53	0	0	278	0	1	1	0	1	0	0.000	0
1111	1108	90.88	1.27	2.0	100.27	175.1	0	0	306	0	1	1	0	1	0	0.000	0
1112	1109	90.96	1.54	2.0	97.18	176.81	0	0	380	0	1	1	0	1	0	0.000	0
1113	1110	91.04	1.64	2.1	93.58	175.57	0	0	400	0	1	1	0	1	0	0.000	0
1114	1111	91.12	1.47	2.0	92.86	162.91	0	0	338	0	1	1	0	1	0	0.000	0
1115	1112	91.21	1.14	2.0	92.04	158.13	0	0	245	1	1	1	0	1	0	0.000	0
1116	1113	91.29	1.18	2.0	87.15	147.02	0	0	239	1	1	1	0	1	0	0.000	0
1117	1114	91.37	1.37	2.1	80.19	138.3	0	0	259	1	1	1	0	1	0	0.000	0
1118	1115	91.45	1.42	2.1	76.05	134.28	0	0	255	1	1	1	0	1	0	0.000	0
1119	1116	91.53	1.3	2.1	76.4	128.51	0	0.02	229	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1120	1117	91.62	1.08	2.0	78.65	132.18	0	0.03	192	1	1	1	0	1	0	0.000	0
1121	1118	91.7	1.03	2.0	80.81	131.41	0	0.04	189	1	1	1	0	1	0	0.000	0
1122	1119	91.78	0.98	2.0	81.8	133.13	0	0.04	183	1	1	1	0	1	0	0.000	0
1123	1120	91.86	0.91	1.9	83.93	130.66	0	0.06	176	1	1	1	0	1	0	0.000	0
1124	1121	91.94	0.84	1.9	85.46	133.29	0	0.06	168	1	1	1	0	1	0	0.000	0
1125	1122	92.03	0.78	1.9	87.5	130.39	0	0.08	163	1	1	1	0	1	0	0.000	0
1126	1123	92.11	0.81	1.9	86.63	134.36	0	0.07	166	1	1	1	0	1	0	0.000	0
1127	1124	92.19	0.81	1.9	87.09	130.17	0	0.08	167	1	1	1	0	1	0	0.000	0
1128	1125	92.27	0.86	1.9	86.21	135.47	0	0.06	173	1	1	1	0	1	0	0.000	0
1129	1126	92.35	0.91	1.9	84.81	136.05	0	0.05	179	1	1	1	0	1	0	0.000	0
1130	1127	92.44	0.97	2.0	81.86	131.6	0	0.05	181	1	1	1	0	1	0	0.000	0
1131	1128	92.52	0.99	2.0	79.9	128.78	0	0.05	180	1	1	1	0	1	0	0.000	0
1132	1129	92.6	0.96	2.0	79.42	129.27	0	0.05	173	1	1	1	0	1	0	0.000	0
1133	1130	92.68	0.97	2.0	79.61	127.81	0	0.05	176	1	1	1	0	1	0	0.000	0
1134	1131	92.76	1.06	2.0	79.43	132.27	0	0.03	191	1	1	1	0	1	0	0.000	0
1135	1132	92.85	1.18	2.0	79.63	136.47	0	0.01	215	1	1	1	0	1	0	0.000	0
1136	1133	92.93	1.43	2.1	79.25	140.91	0	0	271	1	1	1	0	1	0	0.000	0
1137	1134	93.01	1.76	2.1	80.4	148.68	0	0	374	1	1	1	0	1	0	0.000	0
1138	1135	93.09	1.71	2.1	86.9	163.2	0	0	391	0	1	1	0	1	0	0.000	0
1139	1136	93.17	1.53	2.0	96.69	179.03	0	0	375	0	1	1	0	1	0	0.000	0
1140	1137	93.26	1.24	1.9	111.66	190.63	0	0	336	0	1	1	0	1	0	0.000	0
1141	1138	93.34	1.28	1.9	121.89	221.93	0	0	335	0	1	1	0	1	0	0.000	0
1142	1139	93.42	1.47	2.0	123.61	230.51	0	0	463	0	1	1	0	1	0	0.000	0
1143	1140	93.5	2.15	2.1	112.34	216.73	0	0	785	0	1	1	0	1	0	0.000	0
1144	1141	93.58	2.91	2.2	101.41	202.88	0	0	1171	0	1	1	0	1	0	0.000	0
1145	1142	93.67	3.11	2.3	96.96	202.27	0	0	1548	0	1	0	0	1	0	0.000	0
1146	1143	93.75	2.7	2.2	97	199.25	0	0	1085	0	1	1	0	1	0	0.000	0
1147	1144	93.83	2.11	2.1	99.58	191.59	0	0	661	0	1	1	0	1	0	0.000	0
1148	1145	93.91	1.85	2.1	102.69	195.66	0	0	540	0	1	1	0	1	0	0.000	0
1149	1146	93.99	1.64	2.0	103.29	204.37	0	0	448	0	1	1	0	1	0	0.000	0
1150	1147	94.08	1.54	2.0	102.6	183.23	0	0	405	0	1	1	0	1	0	0.000	0
1151	1148	94.16	1.49	2.0	100.6	186.51	0	0	378	0	1	1	0	1	0	0.000	0
1152	1149	94.24	1.47	2.0	101.68	192.95	0	0	375	0	1	1	0	1	0	0.000	0
1153	1150	94.32	1.37	2.0	101.82	186.68	0	0	342	0	1	1	0	1	0	0.000	0
1154	1151	94.41	1.25	2.0	99.25	177.67	0	0	297	0	1	1	0	1	0	0.000	0
1155	1152	94.49	1.11	2.0	97.16	161.85	0	0	253	0	1	1	0	1	0	0.000	0
1156	1153	94.57	1.01	1.9	96.47	157.11	0	0.01	228	1	1	1	0	1	0	0.000	0
1157	1154	94.65	0.97	1.9	97.98	159.3	0	0.01	224	1	1	1	0	1	0	0.000	0
1158	1155	94.73	1.06	1.9	98.75	165.59	0	0	246	0	1	1	0	1	0	0.000	0
1159	1156	94.82	1.22	2.0	98.33	173.88	0	0	285	0	1	1	0	1	0	0.000	0
1160	1157	94.9	1.33	2.0	97.56	178.23	0	0	314	0	1	1	0	1	0	0.000	0
1161	1158	94.98	1.41	2.0	98.33	177.59	0	0	341	0	1	1	0	1	0	0.000	0
1162	1159	95.06	1.51	2.0	98.2	189.16	0	0	374	0	1	1	0	1	0	0.000	0
1163	1160	95.14	1.68	2.1	100.02	187.91	0	0	448	0	1	1	0	1	0	0.000	0
1164	1161	95.23	2.17	2.1	100.81	199.38	0	0	707	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1165	1162	95.31	2.52	2.2	103.17	214.3	0	0	993	0	1	1	0	1	0	0.000	0
1166	1163	95.39	2.94	2.2	100.64	213.47	0	0	1395	0	1	1	0	1	0	0.000	0
1167	1164	95.47	2.94	2.2	100.96	200.22	0	0	1400	0	1	1	0	1	0	0.000	0
1168	1165	95.55	2.95	2.2	106.89	216.59	0	0	1507	0	1	1	0	1	0	0.000	0
1169	1166	95.64	2.39	2.1	122.72	245.64	0	0	1076	0	1	1	0	1	0	0.000	0
1170	1167	95.72	2.02	2.0	134.28	261.27	0	0	852	0	1	1	0	1	0	0.000	0
1171	1168	95.8	1.71	2.0	139.74	256.36	0	0	669	0	1	1	0	1	0	0.000	0
1172	1169	95.88	1.69	2.0	140.98	254.03	0	0	664	0	1	1	0	1	0	0.000	0
1173	1170	95.96	1.71	2.0	137.8	266.19	0	0	659	0	1	1	0	1	0	0.000	0
1174	1171	96.05	1.72	2.0	131.5	242.99	0	0	632	0	1	1	0	1	0	0.000	0
1175	1172	96.13	1.92	2.0	121.47	225.23	0	0	696	0	1	1	0	1	0	0.000	0
1176	1173	96.21	2.02	2.1	112.35	229.48	0	0	698	0	1	1	0	1	0	0.000	0
1177	1174	96.29	2.06	2.1	107.31	203.68	0	0	687	0	1	1	0	1	0	0.000	0
1178	1175	96.37	1.87	2.1	104.41	201.89	0	0	560	0	1	1	0	1	0	0.000	0
1179	1176	96.46	1.8	2.1	100.46	207.26	0	0	503	1	1	1	0	1	0	0.000	0
1180	1177	96.54	1.88	2.1	88.02	181.36	0	0	465	0	1	1	0	1	0	0.000	0
1181	1178	96.62	2.27	2.3	68.65	134.48	0	0	492	1	1	1	0	1	0	0.000	0
1182	1179	96.7	3.09	2.5	45.59	107.23	0	0	596	1	1	0	0	1	0	0.000	0
1183	1180	96.78	4.23	2.7	30.25	53.59	0	0	830	1	0	0	0	1	0	0.000	0
1184	1181	96.87	6.5	3.0	18.45	34.13	0	0	1606	1	0	0	0	1	0	0.000	0
1185	1182	96.95	8.03	3.2	12.97	24	0	0	376	1	0	0	0	1	0	0.000	0
1186	1183	97.03	9.2	3.3	9.53	19.61	0	0	-523	1	0	0	1	1	0	0.000	0
1187	1184	97.11	9.46	3.4	7.39	14.16	0	0	-1065	1	0	0	1	1	0	0.000	0
1188	1185	97.19	8.68	3.5	5.92	11.96	0	0	-8193	1	0	0	1	1	0	0.000	0
1189	1186	97.28	6.81	3.4	5.46	11.31	0	0	-2182	1	0	0	1	1	0	0.000	0
1190	1187	97.36	5.07	3.4	5.38	11.29	0	0	-651	1	0	0	1	1	0	0.000	0
1191	1188	97.44	4.29	3.3	5.33	11.21	0	0	-352	1	0	0	1	1	0	0.000	0
1192	1189	97.52	3.86	3.3	5.31	10.93	0	0	-248	1	0	0	1	1	0	0.000	0
1193	1190	97.6	3.57	3.3	5.21	11.01	0	0	-198	1	0	0	1	1	0	0.000	0
1194	1191	97.69	3.38	3.3	5.13	10.63	0	0	-170	1	0	0	1	1	0	0.000	0
1195	1192	97.77	3.23	3.3	5.05	10.45	0	0	-151	1	0	0	1	1	0	0.000	0
1196	1193	97.85	3.01	3.3	5.04	10.5	0	0	-125	1	0	0	1	1	0	0.000	0
1197	1194	97.93	2.89	3.2	5.11	10.51	0	0	-112	1	0	1	1	1	0	0.000	0
1198	1195	98.01	2.78	3.2	5.28	10.75	0	0	-99	1	0	1	1	1	0	0.000	0
1199	1196	98.1	2.79	3.2	5.37	11.12	0	0	-99	1	0	1	1	1	0	0.000	0
1200	1197	98.18	2.82	3.2	5.36	10.69	0	0	-102	1	0	1	1	1	0	0.000	0
1201	1198	98.26	2.99	3.2	5.16	10.44	0	0	-121	1	0	1	1	1	0	0.000	0
1202	1199	98.34	3.1	3.3	5	10.09	0	0	-136	1	0	0	1	1	0	0.000	0
1203	1200	98.42	3.12	3.3	4.89	9.89	0	0	-141	1	0	0	1	1	0	0.000	0
1204	1201	98.51	3.03	3.3	4.83	9.87	0	0	-131	1	0	0	1	1	0	0.000	0
1205	1202	98.59	2.97	3.3	4.79	9.81	0	0	-125	1	0	1	1	1	0	0.000	0
1206	1203	98.67	2.95	3.3	4.74	9.73	0	0	-124	1	0	1	1	1	0	0.000	0
1207	1204	98.75	2.97	3.3	4.68	9.6	0	0	-127	1	0	1	1	1	0	0.000	0
1208	1205	98.83	3.02	3.3	4.62	9.55	0	0	-134	1	0	0	1	1	0	0.000	0
1209	1206	98.92	3.06	3.3	4.58	9.42	0	0	-139	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	3.09	3.3	4.55	9.41	0	0	-143	1	0	0	1	1	0	0.000	0
1211	1208	99.08	3.1	3.3	4.57	9.45	0	0	-144	1	0	0	1	1	0	0.000	0
1212	1209	99.16	3.09	3.3	4.59	9.5	0	0	-143	1	0	0	1	1	0	0.000	0
1213	1210	99.24	3.11	3.3	4.61	9.53	0	0	-145	1	0	0	1	1	0	0.000	0
1214	1211	99.33	3.14	3.3	4.64	9.51	0	0	-148	1	0	0	1	1	0	0.000	0
1215	1212	99.41	3.16	3.3	4.65	9.59	0	0	-150	1	0	0	1	1	0	0.000	0
1216	1213	99.49	3.16	3.3	4.65	9.64	0	0	-150	1	0	0	1	1	0	0.000	0
1217	1214	99.57	3.26	3.3	4.59	9.6	0	0	-165	1	0	0	1	1	0	0.000	0
1218	1215	99.65	3.54	3.3	4.51	9.39	0	0	-211	1	0	0	1	1	0	0.000	0
1219	1216	99.74	3.88	3.4	4.49	9.34	0	0	-281	1	0	0	1	1	0	0.000	0
1220	1217	99.82	3.91	3.3	4.59	9.55	0	0	-285	1	0	0	1	1	0	0.000	0
1221	1218	99.9	3.78	3.3	4.73	9.87	0	0	-251	1	0	0	1	1	0	0.000	0
1222	1219	99.98	3.77	3.3	4.71	10.28	0	0	-250	1	0	0	1	1	0	0.000	0
1223	1220	100.06	4.11	3.4	4.41	9.81	0	0	-343	1	0	0	1	1	0	0.000	0
1224	1221	100.15	4.5	3.4	4	8.78	0	0	-494	1	0	0	1	1	0	0.000	0
1225	1222	100.23	4.58	3.5	3.73	8.31	0	0	-544	1	0	0	1	1	0	0.000	0
1226	1223	100.31	4.48	3.5	3.69	8.22	0	0	-504	1	0	0	1	1	0	0.000	0
1227	1224	100.39	4.44	3.4	3.82	8.26	0	0	-481	1	0	0	1	1	0	0.000	0
1228	1225	100.47	4.29	3.4	4.13	8.74	0	0	-411	1	0	0	1	1	0	0.000	0
1229	1226	100.56	4.06	3.4	4.54	9.62	0	0	-324	1	0	0	1	1	0	0.000	0
1230	1227	100.64	3.96	3.3	4.75	10.32	0	0	-291	1	0	0	1	1	0	0.000	0
1231	1228	100.72	4.15	3.4	4.7	9.99	0	0	-3[illegible]12	1	0	0	1	1	0	0.000	0
1232	1229	100.8	4.58	3.4	4.51	9.49	0	0	-49[illegible]	1	0	0	1	1	0	0.000	0
1233	1230	100.88	6.44	3.5	4.47	9.38	0	0	-2074	1	0	0	1	1	0	0.000	0
1234	1231	100.97	8.07	3.5	4.73	9.56	0	0	-[illegible]94	1	0	0	1	1	0	0.000	0
1235	1232	101.05	9.42	3.5	5.07	10.58	0	0	-15090	1	0	0	1	1	0	0.000	0
1236	1233	101.13	9.08	3.5	5.45	10.96	0	0	-11456	1	0	0	1	1	0	0.000	0
1237	1234	101.21	8.77	3.5	5.63	11.81	0	0	-9086	1	0	0	1	1	0	0.000	0
1238	1235	101.29	8.99	3.5	5.5	12.49	0	0	-10717	1	0	0	1	1	0	0.000	0
1239	1236	101.38	9.59	3.5	5.47	11.22	0	0	-15944	1	0	0	1	1	0	0.000	0
1240	1237	101.46	9.3	3.4	6.46	12.04	0	0	-11342	1	0	0	1	1	0	0.000	0
1241	1238	101.54	7.77	3.3	8.91	17.45	0	0	-2401	1	0	0	1	1	0	0.000	0
1242	1239	101.62	6.11	3.1	12.88	24.61	0	0	77	1	0	0	1	1	0	0.000	0
1243	1240	101.7	5.01	2.9	17.38	35.56	0	0	425	1	0	0	0	1	0	0.000	0
1244	1241	101.79	4.27	2.8	22.36	45.96	0	0	476	1	0	0	0	1	0	0.000	0
1245	1242	101.87	3.83	2.7	26.63	57.66	0	0	476	1	0	0	0	1	0	0.000	0
1246	1243	101.95	3.48	2.7	29.89	65.02	0	0	437	1	0	0	0	1	0	0.000	0
1247	1244	102.03	3.25	2.6	31.77	69.16	0	0	398	1	0	0	0	1	0	0.000	0
1248	1245	102.11	3.27	2.6	32.87	71.65	0	0	428	1	0	0	0	1	0	0.000	0
1249	1246	102.2	3.46	2.6	33.78	73.42	0	0	526	1	0	0	0	1	0	0.000	0
1250	1247	102.28	3.68	2.6	34.93	76.28	0	0	666	1	0	0	0	1	0	0.000	0
1251	1248	102.36	3.57	2.6	36.97	80.85	0	0	663	1	0	0	0	1	0	0.000	0
1252	1249	102.44	3.29	2.6	40.52	89.6	0	0	599	1	1	0	0	1	0	0.000	0
1253	1250	102.53	2.94	2.5	47.36	102.83	0	0	552	1	1	1	0	1	0	0.000	0
1254	1251	102.61	2.75	2.4	54.73	122.93	0	0	566	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1255	1252	102.69	2.68	2.4	60.63	137.32	0	0	607	1	1	1	0	1	0	0.000	0
1256	1253	102.77	2.63	2.3	64.54	143.64	0	0	628	1	1	1	0	1	0	0.000	0
1257	1254	102.85	2.47	2.3	67.5	149.21	0	0	576	1	1	1	0	1	0	0.000	0
1258	1255	102.94	2.11	2.2	72.44	152.92	0	0	455	1	1	1	0	1	0	0.000	0
1259	1256	103.02	1.76	2.2	78.23	163.32	0	0	362	0	1	1	0	1	0	0.000	0
1260	1257	103.1	1.57	2.1	86.19	169.55	0	0	340	0	1	1	0	1	0	0.000	0
1261	1258	103.18	1.47	2.0	92.93	191.19	0	0	338	0	1	1	0	1	0	0.000	0
1262	1259	103.26	1.34	2.0	98.77	196.44	0	0	321	0	1	1	0	1	0	0.000	0
1263	1260	103.35	1.19	1.9	104.44	189.61	0	0	297	0	1	1	0	1	0	0.000	0
1264	1261	103.43	1.09	1.9	108.26	204.13	0	0	281	0	1	1	0	1	0	0.000	0
1265	1262	103.51	1.09	1.9	111.5	201.01	0	0	291	0	1	1	0	1	0	0.000	0
1266	1263	103.59	1.16	1.9	109.64	208.61	0	0	305	0	1	1	0	1	0	0.000	0
1267	1264	103.67	1.09	1.9	108.17	199.57	0	0	281	0	1	1	0	1	0	0.000	0
1268	1265	103.76	1.04	1.9	103.56	186.77	0	0	255	0	1	1	0	1	0	0.000	0
1269	1266	103.84	0.94	1.9	97.28	170.7	0	0	215	1	1	1	0	1	0	0.000	0
1270	1267	103.92	0.98	2.0	86.48	154.6	0	0	195	1	1	1	0	1	0	0.000	0
1271	1268	104	1.01	2.0	75.58	132.74	0	0.03	172	1	1	1	0	1	0	0.000	0
1272	1269	104.08	1.04	2.1	67.02	119.07	0	0.05	153	1	1	1	0	1	0	0.000	0
1273	1270	104.17	1.06	2.1	62.13	112.32	0	0.05	142	1	1	1	0	1	0	0.000	0
1274	1271	104.25	0.99	2.1	62.78	107.45	0	0.07	134	1	1	1	0	1	0	0.000	0
1275	1272	104.33	0.85	2.0	69.32	116.48	0	0.07	132	1	1	1	0	1	0	0.000	0
1276	1273	104.41	0.74	1.9	80.22	131.05	0	0.07	142	1	1	1	0	1	0	0.000	0
1277	1274	104.49	0.75	1.9	88.28	146.97	0	0.06	161	1	1	1	0	1	0	0.000	0
1278	1275	104.58	0.85	1.9	91.57	153.55	0	0.03	184	1	1	1	0	1	0	0.000	0
1279	1276	104.66	0.97	1.9	93.34	161.41	0	0	211	0	1	1	0	1	0	0.000	0
1280	1277	104.74	1	1.9	98.55	174.34	0	0	232	0	1	1	0	1	0	0.000	0
1281	1278	104.82	0.99	1.9	106.26	189.79	0	0	250	0	1	1	0	1	0	0.000	0
1282	1279	104.9	0.93	1.8	115.41	197.97	0	0	259	0	1	1	0	1	0	0.000	0
1283	1280	104.99	0.97	1.8	118.97	216.47	0	0	279	0	1	1	0	1	0	0.000	0
1284	1281	105.07	1.08	1.9	119.93	216.43	0	0	312	0	1	1	0	1	0	0.000	0
1285	1282	105.15	1.22	1.9	117.92	226.09	0	0	350	0	1	1	0	1	0	0.000	0
1286	1283	105.23	1.31	1.9	117.73	227.22	0	0	381	0	1	1	0	1	0	0.000	0
1287	1284	105.31	1.32	1.9	119.15	227.67	0	0	390	0	1	1	0	1	0	0.000	0
1288	1285	105.4	1.26	1.9	121.48	234.18	0	0	376	0	1	1	0	1	0	0.000	0
1289	1286	105.48	1.17	1.9	124.03	234.2	0	0	353	0	1	1	0	1	0	0.000	0
1290	1287	105.56	1.12	1.9	126.81	232.34	0	0	345	0	1	1	0	1	0	0.000	0
1291	1288	105.64	1.19	1.9	128.91	242.97	0	0	376	0	1	1	0	1	0	0.000	0
1292	1289	105.72	1.42	1.9	129.32	250.66	0	0	469	0	1	1	0	1	0	0.000	0
1293	1290	105.81	1.63	2.0	129.05	254.13	0	0	569	0	1	1	0	1	0	0.000	0
1294	1291	105.89	1.78	2.0	124.44	257.37	0	0	628	0	1	1	0	1	0	0.000	0
1295	1292	105.97	1.83	2.0	115.58	238.46	0	0	606	0	1	1	0	1	0	0.000	0
1296	1293	106.05	1.88	2.1	103.9	212.37	0	0	562	0	1	1	0	1	0	0.000	0
1297	1294	106.13	1.89	2.1	94.97	199.81	0	0	512	0	1	1	0	1	0	0.000	0
1298	1295	106.22	1.72	2.1	90.43	192.71	0	0	414	0	1	1	0	1	0	0.000	0
1299	1296	106.3	1.51	2.1	87	178.79	0	0	325	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1300	1297	106.38	1.3	2.0	84.64	164.98	0	0	259	0	1	1	0	1	0	0.000	0
1301	1298	106.46	1.18	2.0	83.12	160.78	0	0	226	0	1	1	0	1	0	0.000	0
1302	1299	106.54	1.09	2.0	83.13	154.73	0	0	207	1	1	1	0	1	0	0.000	0
1303	1300	106.63	1.03	2.0	83.15	154.44	0	0	196	1	1	1	0	1	0	0.000	0
1304	1301	106.71	0.97	2.0	82.39	151.18	0	0	183	1	1	1	0	1	0	0.000	0
1305	1302	106.79	0.95	2.0	81.58	142.31	0	0.02	177	1	1	1	0	1	0	0.000	0
1306	1303	106.87	0.86	1.9	82.64	143.92	0	0.03	165	1	1	1	0	1	0	0.000	0
1307	1304	106.95	0.81	1.9	87.02	144.42	0	0.05	167	1	1	1	0	1	0	0.000	0
1308	1305	107.04	0.74	1.9	90.22	152.69	0	0.05	163	1	1	1	0	1	0	0.000	0
1309	1306	107.12	0.83	1.9	88.12	152.89	0	0.03	173	1	1	1	0	1	0	0.000	0
1310	1307	107.2	1.08	2.0	83.98	150	0	0	208	1	1	1	0	1	0	0.000	0
1311	1308	107.28	1.27	2.0	83.94	166.62	0	0	249	0	1	1	0	1	0	0.000	0
1312	1309	107.36	1.47	2.1	85.74	183.33	0	0	308	0	1	1	0	1	0	0.000	0
1313	1310	107.45	1.6	2.1	85.01	183.2	0	0	344	0	1	1	0	1	0	0.000	0
1314	1311	107.53	1.74	2.2	78.73	176.54	0	0	358	1	1	1	0	1	0	0.000	0
1315	1312	107.61	1.68	2.2	73.97	149.64	0	0	315	1	1	1	0	1	0	0.000	0
1316	1313	107.69	1.47	2.1	72.23	146.32	0	0	251	1	1	1	0	1	0	0.000	0
1317	1314	107.77	1.35	2.1	74.32	149.78	0	0	232	1	1	1	0	1	0	0.000	0
1318	1315	107.86	1.32	2.1	75.86	154.48	0	0	231	1	1	1	0	1	0	0.000	0
1319	1316	107.94	1.42	2.1	75.14	154.13	0	0	251	1	1	1	0	1	0	0.000	0
1320	1317	108.02	1.43	2.1	77.34	152.18	0	0	263	1	1	1	0	1	0	0.000	0
1321	1318	108.1	1.45	2.1	81.84	171.12	0	0	286	0	1	1	0	1	0	0.000	0
1322	1319	108.18	1.4	2.0	89.35	186.35	0	0	30	0	1	1	0	1	0	0.000	0
1323	1320	108.27	1.44	2.0	95.46	197.14	0	0	335	0	1	1	0	1	0	0.000	0
1324	1321	108.35	1.6	2.1	99.07	208.65	0	0	411	0	1	1	0	1	0	0.000	0
1325	1322	108.43	1.81	2.1	99.08	215.54	0	0	500	0	1	1	0	1	0	0.000	0
1326	1323	108.51	1.97	2.1	98.75	208.67	0	0	576	0	1	1	0	1	0	0.000	0
1327	1324	108.59	1.96	2.1	99.32	215.44	0	0	575	0	1	1	0	1	0	0.000	0
1328	1325	108.68	1.94	2.1	98.38	218.69	0	0	558	0	1	1	0	1	0	0.000	0
1329	1326	108.76	1.94	2.1	95.98	203.12	0	0	543	0	1	1	0	1	0	0.000	0
1330	1327	108.84	1.98	2.1	90.2	202.62	0	0	524	0	1	1	0	1	0	0.000	0
1331	1328	108.92	1.95	2.2	86.47	189.58	0	0	485	0	1	1	0	1	0	0.000	0
1332	1329	109	1.9	2.2	81.69	181.58	0	0	434	0	1	1	0	1	0	0.000	0
1333	1330	109.09	1.88	2.2	77.84	174.73	0	0	402	0	1	1	0	1	0	0.000	0
1334	1331	109.17	1.96	2.2	72.79	165.92	0	0	399	0	1	1	0	1	0	0.000	0
1335	1332	109.25	2.05	2.2	68.65	151.46	0	0	403	1	1	1	0	1	0	0.000	0
1336	1333	109.33	2.12	2.3	66.09	149.12	0	0	410	1	1	1	0	1	0	0.000	0
1337	1334	109.41	2.13	2.3	66.23	150.21	0	0	415	1	1	1	0	1	0	0.000	0
1338	1335	109.5	2.18	2.3	67.37	154.26	0	0	443	1	1	1	0	1	0	0.000	0
1339	1336	109.58	2.18	2.3	70.48	160.37	0	0	469	0	1	1	0	1	0	0.000	0
1340	1337	109.66	2.11	2.2	74.09	173.93	0	0	467	0	1	1	0	1	0	0.000	0
1341	1338	109.74	1.96	2.2	78.09	176.92	0	0	434	0	1	1	0	1	0	0.000	0
1342	1339	109.82	1.8	2.1	81.83	180.42	0	0	396	0	1	1	0	1	0	0.000	0
1343	1340	109.91	1.66	2.1	85.29	188.17	0	0	366	0	1	1	0	1	0	0.000	0
1344	1341	109.99	1.47	2.1	87.64	189.44	0	0	316	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1345	1342	110.07	1.35	2.0	86.99	180.75	0	0	280	0	1	1	0	1	0	0.000	0
1346	1343	110.15	1.27	2.0	84.79	173.03	0	0	252	0	1	1	0	1	0	0.000	0
1347	1344	110.23	1.32	2.1	82.31	167.94	0	0	255	0	1	1	0	1	0	0.000	0
1348	1345	110.32	0.89	1.9	85.82	157.41	0	0	178	1	1	1	0	1	0	0.000	0
1349	1346	110.4	0.46	1.7	94	136.02	0	0.13	129	1	1	1	0	1	0	0.000	0
1350	1347	110.48	0	4.1	62.69	171.48	0	0	50	0	0	1	1	1	0	0.000	0
1351	1348	110.56	0	4.1	62.58	168.92	0	0	50	0	0	1	1	1	0	0.000	0
1352	1349	110.64	0	4.1	62.16	168.28	0	0	50	0	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

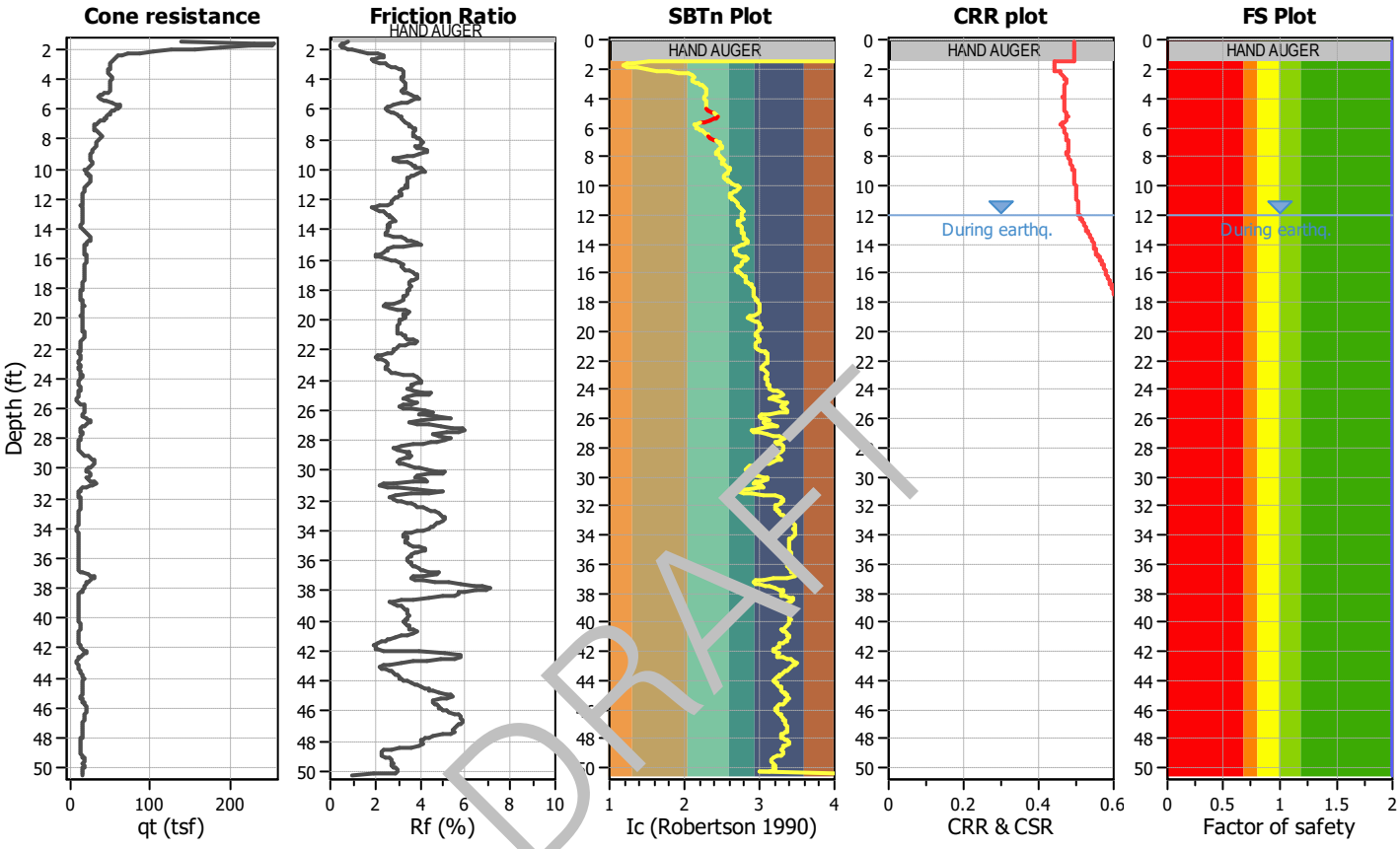
LIQUEFACTION ANALYSIS REPORT

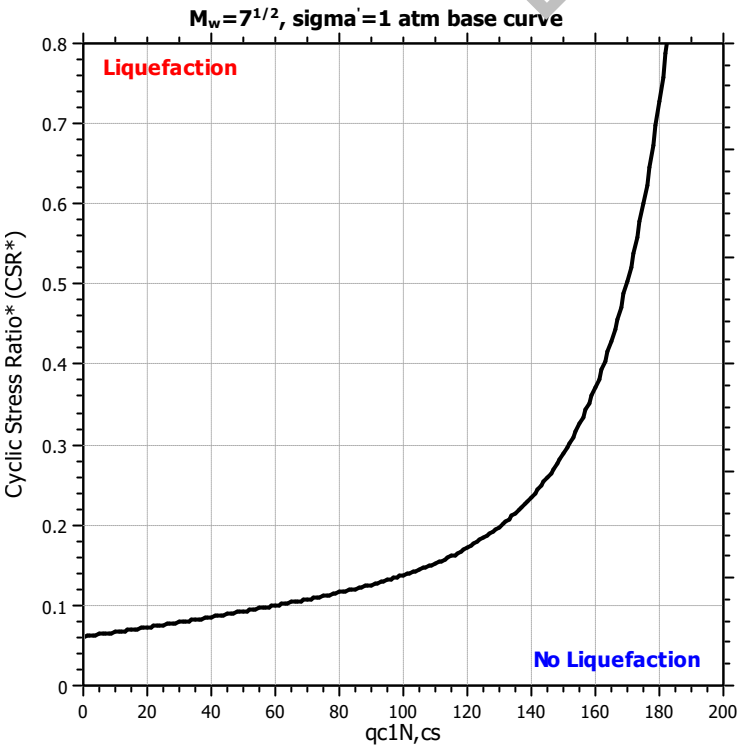
Project title : **Location :**

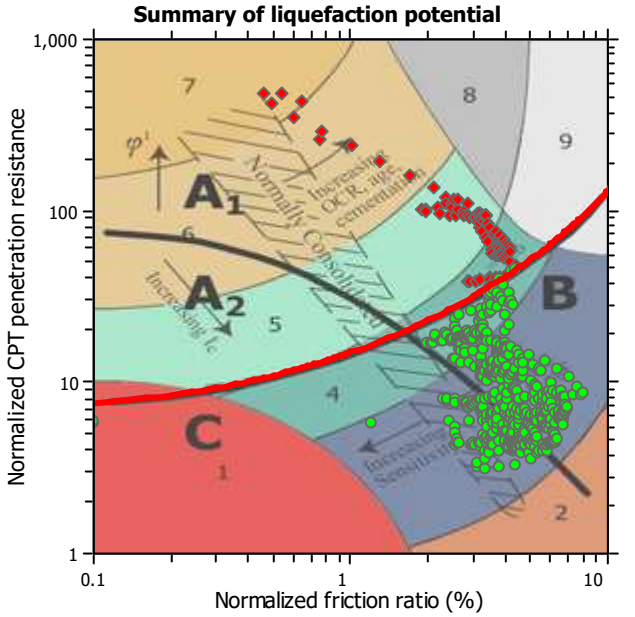
CPT file : CPT-15

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

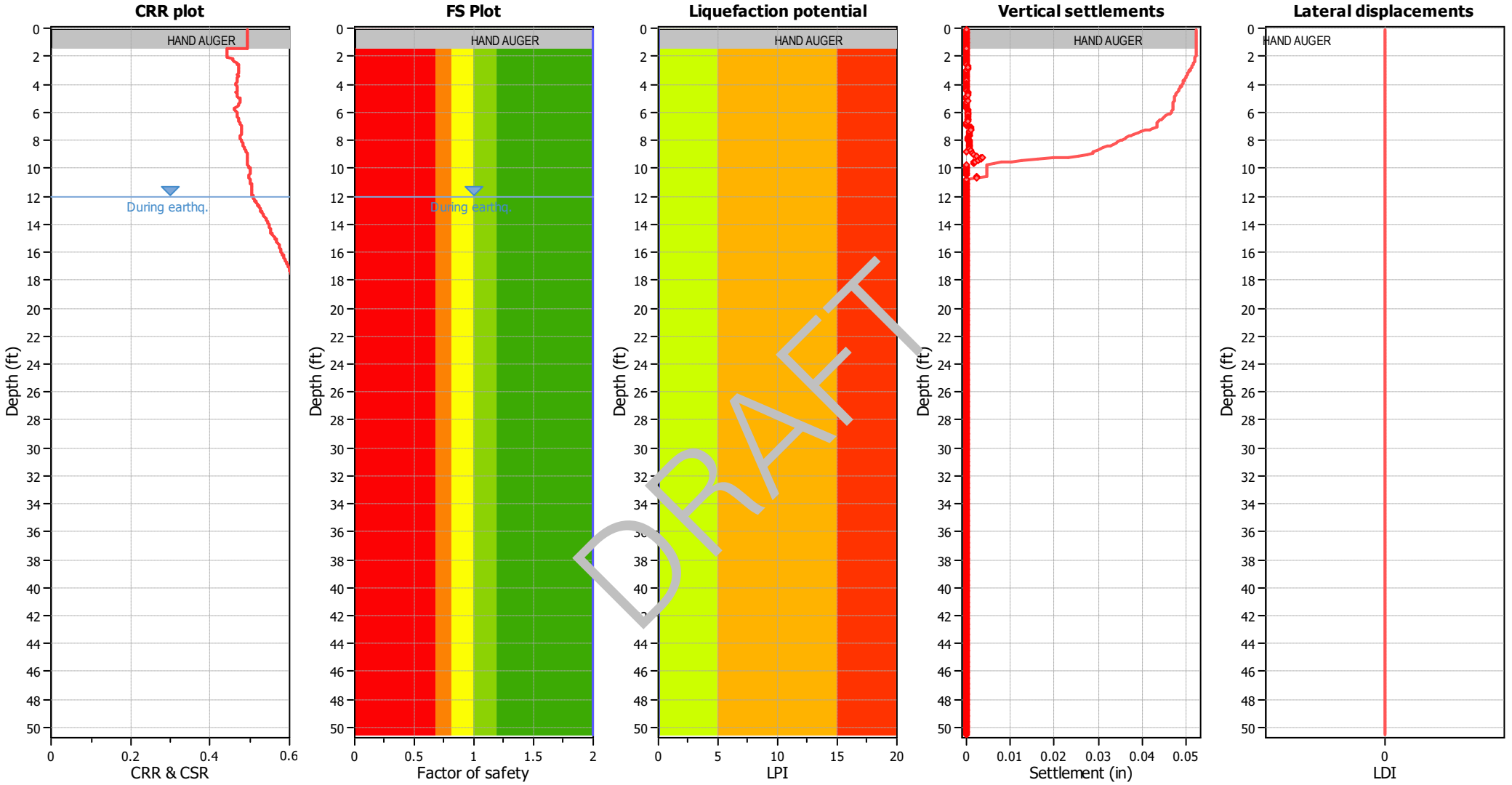






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



DRAFT

Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-15, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
20	17	1.39	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
21	18	1.48	0.76	1.5	262.2	299.74	0	0	533	0	1	1	0	1	0	0.000	0
22	19	1.56	0.65	1.3	432.92	369.24	0	0	806	0	1	1	0	1	0	0.000	0
23	20	1.64	0.54	1.2	481.46	435.34	0	0	806	0	1	1	0	1	0	0.000	0
24	21	1.72	0.46	1.2	477.94	423.58	0	0	739	0	1	1	0	1	0	0.000	0
25	22	1.8	0.49	1.2	424.94	360.33	0	0	675	0	1	1	0	1	0	0.000	0
26	23	1.89	0.6	1.4	355.25	300.22	0	0	625	0	1	1	0	1	0	0.000	0
27	24	1.97	0.78	1.5	292.78	245.78	0	0	610	0	1	1	0	1	0	0.000	0
28	25	2.05	1.01	1.6	240	201.06	0	0	619	0	1	1	0	1	0	0.000	0
29	26	2.13	1.29	1.8	196.07	165.62	0	0	652	0	1	1	0	1	0	0.000	0
30	27	2.21	1.69	1.9	161.61	133.85	0	0	770	1	1	1	0	1	0	0.000	0
31	28	2.3	2.09	2.0	135.8	113.19	0	0	919	1	1	1	0	1	0	0.000	0
32	29	2.38	2.33	2.1	119.49	99.83	0	0	990	1	1	1	0	1	0	0.000	0
33	30	2.46	2.35	2.1	110.08	92.36	0	0	919	1	1	1	0	1	0	0.000	0
34	31	2.54	2.18	2.1	105.43	89.2	0	0	751	1	1	1	0	1	0	0.000	0
35	32	2.62	1.96	2.1	103.12	88.02	0	0	600	1	1	1	0	1	0	0.000	0
36	33	2.71	1.88	2.1	100.93	86.53	0	0	544	1	1	1	0	1	0	0.000	0
37	34	2.79	1.98	2.1	97.97	83.72	0	0	576	1	1	1	0	1	0	0.000	0
38	35	2.87	2.22	2.2	95.42	80.48	0	0	695	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.43	2.2	93.93	80.03	0	0	823	1	1	1	0	1	0	0.000	0
40	37	3.03	2.58	2.2	93.45	79.91	0	0	935	1	1	1	0	1	0	0.000	0
41	38	3.12	2.74	2.2	92.74	79.29	0	0	1067	1	1	1	0	1	0	0.000	0
42	39	3.2	2.9	2.3	92.2	78.24	0	0	1218	1	1	1	0	1	0	0.000	0
43	40	3.28	3.05	2.3	91.41	78.57	0	0	1374	1	1	0	0	1	0	0.000	0
44	41	3.36	3.15	2.3	90.76	77.32	0	0	1485	1	1	0	0	1	0	0.000	0
45	42	3.44	3.22	2.3	90.08	76.62	0	0	1563	1	1	0	0	1	0	0.000	0
46	43	3.53	3.23	2.3	89.98	76.84	0	0	1574	1	1	0	0	1	0	0.000	0
47	44	3.61	3.25	2.3	89.97	77.07	0	0	1601	1	1	0	0	1	0	0.000	0
48	45	3.69	3.25	2.3	90.87	76.61	0	0	1620	1	1	0	0	1	0	0.000	0
49	46	3.77	3.23	2.3	92.93	79.17	0	0	1634	1	1	0	0	1	0	0.000	0
50	47	3.85	3.18	2.3	95.85	82.38	0	0	1622	1	1	0	0	1	0	0.000	0
51	48	3.94	3.15	2.3	97.51	84.09	0	0	1613	1	1	0	0	1	0	0.000	0
52	49	4.02	3.19	2.3	96.81	83.4	0	0	1655	1	1	0	0	1	0	0.000	0
53	50	4.1	3.29	2.3	95.04	80.6	0	0	1765	1	1	0	0	1	0	0.000	0
54	51	4.18	3.34	2.3	93.96	79.62	0	0	1818	1	1	0	0	1	0	0.000	0
55	52	4.26	3.33	2.3	93.86	80.69	0	0	1800	1	1	0	0	1	0	0.000	0
56	53	4.35	3.32	2.3	93.84	80.39	0	0	[illegible]	1	1	0	0	1	0	0.000	0
57	54	4.43	3.36	2.3	93.6	79.61	0	0	1741	1	1	0	0	1	0	0.000	0
58	55	4.51	3.37	2.3	93.75	80.12	0	0	1800	1	1	0	0	1	0	0.000	0
59	56	4.59	3.32	2.3	94.08	80.81	0	0	1790	1	1	0	0	1	0	0.000	0
60	57	4.68	3.24	2.3	93.46	80.48	0	0	1759	1	1	0	0	1	0	0.000	0
61	58	4.76	3.22	2.3	91.05	78.56	0	0	1582	1	1	0	0	1	0	0.000	0
62	59	4.84	3.29	2.3	86.15	74.7	0	0	1575	1	1	0	0	1	0	0.000	0
63	60	4.92	3.45	2.4	79.55	68	0	0	1642	1	1	0	0	1	0	0.000	0
64	61	5	3.61	2.4	72.97	61.76	0	0	1695	1	1	0	0	1	0	0.000	0
65	62	5.09	3.79	2.4	68.16	57.96	0	0	1813	1	1	0	0	1	0	0.000	0
66	63	5.17	3.91	2.5	66.39	55.74	0	0	1938	1	1	0	0	1	0	0.000	0
67	64	5.25	3.95	2.5	67.41	57.25	0	0	2041	1	1	0	0	1	0	0.000	0
68	65	5.33	3.8	2.4	71.74	60.32	0	0	1945	1	1	0	0	1	0	0.000	0
69	66	5.41	3.66	2.4	76.57	65.34	0	0	1872	1	1	0	0	1	0	0.000	0
70	67	5.5	3.43	2.3	83.97	67.51	0	0	1721	1	1	0	0	1	0	0.000	0
71	68	5.58	3.14	2.3	95.39	75.33	0	0	1559	1	1	0	0	1	0	0.000	0
72	69	5.66	2.84	2.2	108.94	88.3	0	0	1399	1	1	1	0	1	0	0.000	0
73	70	5.74	2.62	2.2	117.54	94.58	0	0	1257	1	1	1	0	1	0	0.000	0
74	71	5.82	2.52	2.1	117.09	92.18	0	0	1146	1	1	1	0	1	0	0.000	0
75	72	5.91	2.45	2.2	110.83	86.69	0	0	1012	1	1	1	0	1	0	0.000	0
76	73	5.99	2.48	2.2	105.26	81.03	0	0	981	1	1	1	0	1	0	0.000	0
77	74	6.07	2.59	2.2	100.56	79.61	0	0	1026	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.73	2.2	97.79	75.65	0	0	1124	1	1	1	0	1	0	0.000	0
79	76	6.23	2.87	2.3	94.66	73.82	0	0	1224	1	1	1	0	1	0	0.000	0
80	77	6.32	3	2.3	90.83	71.84	0	0	1306	1	1	0	0	1	0	0.000	0
81	78	6.4	3.13	2.3	87.55	66.62	0	0	1400	1	1	0	0	1	0	0.000	0
82	79	6.48	3.2	2.3	85.27	66	0	0	1441	1	1	0	0	1	0	0.000	0
83	80	6.56	3.16	2.3	84.21	66.16	0	0	1372	1	1	0	0	1	0	0.000	0
84	81	6.64	3.19	2.3	80.72	63.54	0	0	1339	1	1	0	0	1	0	0.000	0
85	82	6.73	3.23	2.4	76.5	57.99	0	0	1300	1	1	0	0	1	0	0.000	0
86	83	6.81	3.37	2.4	70.24	56.59	0	0	1322	1	1	0	0	1	0	0.000	0
87	84	6.89	3.42	2.4	65.37	49.67	0	0	1262	1	1	0	0	1	0	0.000	0
88	85	6.97	3.53	2.5	59.92	46.94	0	0	1242	1	1	0	0	1	0	0.000	0
89	86	7.05	3.57	2.5	56.92	44.45	0	0	1204	1	1	0	0	1	0	0.000	0
90	87	7.14	3.68	2.5	54.95	42.63	0	0	1261	1	1	0	0	1	0	0.000	0
91	88	7.22	3.73	2.5	54.31	42.12	0	0	1295	1	1	0	0	1	0	0.000	0
92	89	7.3	3.81	2.5	54.72	42.41	0	0	1398	1	1	0	0	1	0	0.000	0
93	90	7.38	3.8	2.5	56.29	42.86	0	0	1438	1	1	0	0	1	0	0.000	0
94	91	7.46	3.77	2.5	58.92	44.77	0	0	1487	1	1	0	0	1	0	0.000	0
95	92	7.55	3.73	2.5	62.22	48.16	0	0	[illegible]	1	1	0	0	1	0	0.000	0
96	93	7.63	3.74	2.4	65.74	50.9	0	0	[illegible]	1	1	0	0	1	0	0.000	0
97	94	7.71	3.76	2.4	67.91	53.26	0	0	[illegible]	1	1	0	0	1	0	0.000	0
98	95	7.79	3.79	2.4	68.45	53.51	0	0	[illegible]	1	1	0	0	1	0	0.000	0
99	96	7.87	3.89	2.5	66.83	52.46	0	0	[illegible]	1	1	0	0	1	0	0.000	0
100	97	7.96	4.02	2.5	64.87	49.63	0	0	2062	1	1	0	0	1	0	0.000	0
101	98	8.04	4.1	2.5	62.48	49.01	0	0	2102	1	1	0	0	1	0	0.000	0
102	99	8.12	4.12	2.5	60.34	47.15	0	0	2045	1	1	0	0	1	0	0.000	0
103	100	8.2	4.15	2.5	57.76	45.05	0	0	1983	1	1	0	0	1	0	0.000	0
104	101	8.28	4.11	2.5	56.08	43.41	0	0	1848	1	1	0	0	1	0	0.000	0
105	102	8.37	3.98	2.5	55.38	43.74	0	0	1634	1	1	0	0	1	0	0.000	0
106	103	8.45	3.87	2.5	55.27	44.22	0	0	1488	1	1	0	0	1	0	0.000	0
107	104	8.53	3.95	2.5	53.58	43.8	0	0	1527	1	1	0	0	1	0	0.000	0
108	105	8.61	4.15	2.6	50.73	39.9	0	0	1675	1	1	0	0	1	0	0.000	0
109	106	8.69	4.37	2.6	47.54	37.37	0	0	1835	1	1	0	0	1	0	0.000	0
110	107	8.78	4.39	2.6	45.27	36.18	0	0	1745	1	0	0	0	1	0	0.000	0
111	108	8.86	4.26	2.6	43.82	34.81	0	0	1501	1	0	0	0	1	0	0.000	0
112	109	8.94	4.03	2.6	42.2	34.45	0	0	1179	1	0	0	0	1	0	0.000	0
113	110	9.02	3.78	2.6	40.74	33.01	0	0	912	1	1	0	0	1	0	0.000	0
114	111	9.1	3.48	2.6	39.31	32.02	0	0	673	1	1	0	0	1	0	0.000	0
115	112	9.19	3.08	2.5	38.46	31.78	0	0	464	1	1	0	0	1	0	0.000	0
116	113	9.27	2.86	2.5	38.51	31.93	0	0	384	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.89	2.5	39.19	32.83	0	0	405	1	1	1	0	1	0	0.000	0
118	115	9.43	3.16	2.5	40.09	33.34	0	0	528	1	1	0	0	1	0	0.000	0
119	116	9.51	3.46	2.6	40.61	33.48	0	0	694	1	1	0	0	1	0	0.000	0
120	117	9.6	3.68	2.6	40.66	33.63	0	0	837	1	1	0	0	1	0	0.000	0
121	118	9.68	3.77	2.6	40.45	33.54	0	0	895	1	1	0	0	1	0	0.000	0
122	119	9.76	3.83	2.6	39.31	33.3	0	0	903	1	0	0	0	1	0	0.000	0
123	120	9.84	3.9	2.6	36.84	31.06	0	0	868	1	0	0	0	1	0	0.000	0
124	121	9.92	4.12	2.7	32.98	27.6	0	0	875	1	0	0	0	1	0	0.000	0
125	122	10.01	4.26	2.7	29.71	23.77	0	0	825	1	0	0	0	1	0	0.000	0
126	123	10.09	4.32	2.7	28.05	23.1	0	0	782	1	0	0	0	1	0	0.000	0
127	124	10.17	4.14	2.7	28.43	23.64	0	0	692	1	0	0	0	1	0	0.000	0
128	125	10.25	3.97	2.7	29.75	25.04	0	0	652	1	0	0	0	1	0	0.000	0
129	126	10.33	3.84	2.7	31.38	26.76	0	0	641	1	0	0	0	1	0	0.000	0
130	127	10.42	3.74	2.7	33.13	28.1	0	0	644	1	0	0	0	1	0	0.000	0
131	128	10.5	3.61	2.6	35.2	29.79	0	0	636	1	0	0	0	1	0	0.000	0
132	129	10.58	3.51	2.6	36.64	32.36	0	0	622	1	0	0	0	1	0	0.000	0
133	130	10.66	3.49	2.6	36.34	32.13	0	0	604	1	0	0	0	1	0	0.000	0
134	131	10.74	3.54	2.6	34.74	29.3	0	0	[illegible]	1	0	0	0	1	0	0.000	0
135	132	10.83	3.56	2.6	33.11	28.41	0	0	54	1	0	0	0	1	0	0.000	0
136	133	10.91	3.5	2.6	32.07	28.08	0	0	50	1	0	0	0	1	0	0.000	0
137	134	10.99	3.48	2.7	30.31	26.81	0	0	447	1	0	0	0	1	0	0.000	0
138	135	11.07	3.52	2.7	28.1	24.04	0	0	405	1	0	0	0	1	0	0.000	0
139	136	11.15	3.53	2.7	26.11	22.47	0	0	357	1	0	0	0	1	0	0.000	0
140	137	11.24	3.49	2.7	24.92	21.76	0	0	315	1	0	0	0	1	0	0.000	0
141	138	11.32	3.3	2.7	24.41	21.01	0	0	257	1	0	0	0	1	0	0.000	0
142	139	11.4	3.21	2.7	23.62	21.35	0	0	222	1	0	0	0	1	0	0.000	0
143	140	11.48	3.18	2.7	22.68	19.82	0	0	198	1	0	0	0	1	0	0.000	0
144	141	11.56	3.27	2.8	21.39	18.68	0	0	187	1	0	0	0	1	0	0.000	0
145	142	11.65	3.27	2.8	20.43	17.98	0	0	167	1	0	0	0	1	0	0.000	0
146	143	11.73	3.23	2.8	19.74	17.39	0	0	147	1	0	0	0	1	0	0.000	0
147	144	11.81	3.15	2.8	19.4	16.99	0	0	131	1	0	0	0	1	0	0.000	0
148	145	11.89	3.05	2.8	19.24	17.23	0	0	117	1	0	0	0	1	0	0.000	0
149	146	11.97	2.92	2.8	19.17	17.13	0	0	104	1	0	1	0	1	0	0.000	0
150	147	12.06	2.87	2.8	18.78	16.98	0	0	94	1	0	1	0	1	0	0.000	0
151	148	12.14	2.9	2.8	18.32	16.34	0	0	89	1	0	1	0	1	0	0.000	0
152	149	12.22	2.85	2.8	17.81	15.98	0	0	78	1	0	1	1	1	0	0.000	0
153	150	12.3	2.65	2.8	17.4	15.73	0	0	60	1	0	1	1	1	0	0.000	0
154	151	12.38	2.28	2.7	17.05	15.42	0	0	40	1	0	1	1	1	0	0.000	0
155	152	12.47	2.06	2.7	16.74	15.38	0	0	31	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.98	2.7	16.78	15.14	0	0	29	1	0	1	1	1	0	0.000	0
157	154	12.63	2.11	2.7	16.92	15.64	0	0	34	1	0	1	1	1	0	0.000	0
158	155	12.71	2.29	2.7	17.17	15.69	0	0	42	1	0	1	1	1	0	0.000	0
159	156	12.8	2.47	2.8	17.4	15.74	0	0	51	1	0	1	1	1	0	0.000	0
160	157	12.88	2.6	2.8	17.75	16.24	0	0	62	1	0	1	1	1	0	0.000	0
161	158	12.96	2.69	2.8	18.07	16.64	0	0	71	1	0	1	1	1	0	0.000	0
162	159	13.04	2.74	2.8	18.39	16.67	0	0	78	1	0	1	1	1	0	0.000	0
163	160	13.12	2.8	2.8	18.65	17.16	0	0	86	1	0	1	0	1	0	0.000	0
164	161	13.21	2.83	2.8	18.5	17.44	0	0	86	1	0	1	0	1	0	0.000	0
165	162	13.29	2.96	2.8	17.86	16.42	0	0	86	1	0	1	0	1	0	0.000	0
166	163	13.37	3.04	2.8	17.53	15.54	0	0	87	1	0	0	0	1	0	0.000	0
167	164	13.45	2.95	2.8	17.58	16.63	0	0	81	1	0	1	0	1	0	0.000	0
168	165	13.53	2.79	2.8	17.58	16.66	0	0	71	1	0	1	1	1	0	0.000	0
169	166	13.62	2.71	2.8	16.57	15.74	0	0	53	1	0	1	1	1	0	0.000	0
170	167	13.7	2.79	2.8	15.37	14.11	0	0	40	1	0	1	1	1	0	0.000	0
171	168	13.78	2.81	2.8	14.7	13.55	0	0	31	1	0	1	1	1	0	0.000	0
172	169	13.86	2.73	2.8	14.9	13.98	0	0	32	1	0	1	1	1	0	0.000	0
173	170	13.94	2.67	2.8	15.53	14.69	0	0	38	1	0	1	1	1	0	0.000	0
174	171	14.03	2.69	2.8	16.46	15.35	0	0	50	1	0	1	1	1	0	0.000	0
175	172	14.11	2.65	2.8	18.27	16.6	0	0	1	1	0	1	1	1	0	0.000	0
176	173	14.19	2.57	2.7	20.67	19.8	0	0	94	1	0	1	0	1	0	0.000	0
177	174	14.27	2.54	2.7	23.01	22.25	0	0	117	1	0	1	0	1	0	0.000	0
178	175	14.35	2.67	2.7	24.7	23.59	0	0	153	1	0	1	0	1	0	0.000	0
179	176	14.44	2.94	2.7	25.78	24.94	0	0	210	1	0	1	0	1	0	0.000	0
180	177	14.52	3.25	2.7	26.64	25.53	0	0	292	1	0	0	0	1	0	0.000	0
181	178	14.6	3.43	2.7	27.59	26.07	0	0	363	1	0	0	0	1	0	0.000	0
182	179	14.68	3.56	2.7	28.04	27.66	0	0	418	1	0	0	0	1	0	0.000	0
183	180	14.76	3.74	2.7	26.92	26.91	0	0	450	1	0	0	0	1	0	0.000	0
184	181	14.85	4.02	2.8	24.43	23.01	0	0	470	1	0	0	0	1	0	0.000	0
185	182	14.93	4.18	2.8	21.67	20.73	0	0	412	1	0	0	0	1	0	0.000	0
186	183	15.01	3.98	2.8	19.91	19.22	0	0	282	1	0	0	0	1	0	0.000	0
187	184	15.09	3.44	2.8	19.09	18.2	0	0	160	1	0	0	0	1	0	0.000	0
188	185	15.17	2.97	2.8	18.37	18.65	0	0	95	1	0	1	0	1	0	0.000	0
189	186	15.26	2.69	2.8	17.91	17.41	0	0	69	1	0	1	1	1	0	0.000	0
190	187	15.34	2.65	2.8	17.49	17.07	0	0	61	1	0	1	1	1	0	0.000	0
191	188	15.42	2.61	2.8	17.46	17.5	0	0	59	1	0	1	1	1	0	0.000	0
192	189	15.5	2.5	2.8	17.67	17.35	0	0	56	1	0	1	1	1	0	0.000	0
193	190	15.58	2.28	2.7	17.91	17.77	0	0	48	1	0	1	1	1	0	0.000	0
194	191	15.67	2.13	2.7	18.37	18.35	0	0	45	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.13	2.7	18.79	18.82	0	0	49	1	0	1	1	1	0	0.000	0
196	193	15.83	2.33	2.7	19.31	19.13	0	0	63	1	0	1	1	1	0	0.000	0
197	194	15.91	2.59	2.7	19.68	19.86	0	0	84	1	0	1	0	1	0	0.000	0
198	195	15.99	2.83	2.7	19.89	19.88	0	0	106	1	0	1	0	1	0	0.000	0
199	196	16.08	3.05	2.8	19.71	19.77	0	0	126	1	0	0	0	1	0	0.000	0
200	197	16.16	3.26	2.8	19.15	19.45	0	0	139	1	0	0	0	1	0	0.000	0
201	198	16.24	3.4	2.8	18.55	18.37	0	0	142	1	0	0	0	1	0	0.000	0
202	199	16.32	3.44	2.8	18.14	18.07	0	0	137	1	0	0	0	1	0	0.000	0
203	200	16.4	3.35	2.8	18.07	18.32	0	0	125	1	0	0	0	1	0	0.000	0
204	201	16.49	3.33	2.8	18	18.25	0	0	122	1	0	0	0	1	0	0.000	0
205	202	16.57	3.39	2.8	17.79	17.94	0	0	123	1	0	0	0	1	0	0.000	0
206	203	16.65	3.56	2.9	17.42	17.8	0	0	132	1	0	0	0	1	0	0.000	0
207	204	16.73	3.73	2.9	16.97	17.27	0	0	138	1	0	0	0	1	0	0.000	0
208	205	16.81	3.89	2.9	16.49	16.72	0	0	141	1	0	0	0	1	0	0.000	0
209	206	16.9	4.03	2.9	16.14	16.46	0	0	145	1	0	0	0	1	0	0.000	0
210	207	16.98	4.08	2.9	15.91	16.31	0	0	141	1	0	0	0	1	0	0.000	0
211	208	17.06	4.11	2.9	15.69	16.14	0	0	135	1	0	0	0	1	0	0.000	0
212	209	17.14	4.1	2.9	15.4	15.9	0	0	122	1	0	0	0	1	0	0.000	0
213	210	17.22	4.07	2.9	15.18	15.54	0	0	110	1	0	0	0	1	0	0.000	0
214	211	17.31	3.94	2.9	15.08	15.56	0	0	95	1	0	0	0	1	0	0.000	0
215	212	17.39	3.84	2.9	15	15.63	0	0	85	1	0	0	0	1	0	0.000	0
216	213	17.47	3.77	2.9	14.8	15.33	0	0	74	1	0	0	1	1	0	0.000	0
217	214	17.55	3.77	2.9	14.5	15.01	0	0	64	1	0	0	1	1	0	0.000	0
218	215	17.63	3.77	2.9	14.17	14.84	0	0	53	1	0	0	1	1	0	0.000	0
219	216	17.72	3.81	3.0	13.76	14.44	0	0	42	1	0	0	1	1	0	0.000	0
220	217	17.8	3.83	3.0	13.33	13.86	0	0	28	1	0	0	1	1	0	0.000	0
221	218	17.88	3.8	3.0	12.89	13.66	0	0	13	1	0	0	1	1	0	0.000	0
222	219	17.96	3.74	3.0	12.51	13.21	0	0	0	1	0	0	1	1	0	0.000	0
223	220	18.04	3.7	3.0	12.06	12.8	0	0	-13	1	0	0	1	1	0	0.000	0
224	221	18.13	3.7	3.0	11.64	12.34	0	0	-26	1	0	0	1	1	0	0.000	0
225	222	18.21	3.74	3.0	11.38	11.99	0	0	-35	1	0	0	1	1	0	0.000	0
226	223	18.29	3.69	3.0	11.28	12.03	0	0	-37	1	0	0	1	1	0	0.000	0
227	224	18.37	3.6	3.0	11.27	12.1	0	0	-34	1	0	0	1	1	0	0.000	0
228	225	18.45	3.52	3.0	11.26	12.03	0	0	-32	1	0	0	1	1	0	0.000	0
229	226	18.54	3.54	3.0	11.12	12.08	0	0	-36	1	0	0	1	1	0	0.000	0
230	227	18.62	3.56	3.0	11.11	11.75	0	0	-37	1	0	0	1	1	0	0.000	0
231	228	18.7	3.54	3.0	11.22	12.04	0	0	-34	1	0	0	1	1	0	0.000	0
232	229	18.78	3.37	3.0	11.58	12.46	0	0	-21	1	0	0	1	1	0	0.000	0
233	230	18.86	3.07	2.9	12.17	12.87	0	0	-6	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.68	2.9	12.9	13.91	0	0	5	1	0	1	1	1	0	0.000	0
235	232	19.03	2.5	2.9	13.43	14.76	0	0	10	1	0	1	1	1	0	0.000	0
236	233	19.11	2.56	2.9	13.49	14.61	0	0	11	1	0	1	1	1	0	0.000	0
237	234	19.19	2.88	2.9	13.01	14.12	0	0	8	1	0	1	1	1	0	0.000	0
238	235	19.27	3.25	2.9	12.49	13.41	0	0	0	1	0	0	1	1	0	0.000	0
239	236	19.36	3.61	3.0	11.97	13.02	0	0	-15	1	0	0	1	1	0	0.000	0
240	237	19.44	3.77	3.0	11.67	12.66	0	0	-27	1	0	0	1	1	0	0.000	0
241	238	19.52	3.7	3.0	11.43	12.55	0	0	-32	1	0	0	1	1	0	0.000	0
242	239	19.6	3.57	3.0	11.18	12.35	0	0	-36	1	0	0	1	1	0	0.000	0
243	240	19.68	3.56	3.0	10.89	11.83	0	0	-43	1	0	0	1	1	0	0.000	0
244	241	19.77	3.65	3.0	10.76	11.65	0	0	-50	1	0	0	1	1	0	0.000	0
245	242	19.85	3.6	3.0	10.94	11.9	0	0	-43	1	0	0	1	1	0	0.000	0
246	243	19.93	3.47	3.0	11.34	12.43	0	0	-29	1	0	0	1	1	0	0.000	0
247	244	20.01	3.36	3.0	11.74	12.94	0	0	-17	1	0	0	1	1	0	0.000	0
248	245	20.09	3.34	3.0	11.98	13.24	0	0	-12	1	0	0	1	1	0	0.000	0
249	246	20.18	3.32	3.0	12.07	13.24	0	0	-9	1	0	0	1	1	0	0.000	0
250	247	20.26	3.28	3.0	11.82	13.29	0	0	-14	1	0	0	1	1	0	0.000	0
251	248	20.34	3.25	3.0	11.46	12.56	0	0	-31	1	0	0	1	1	0	0.000	0
252	249	20.42	3.23	3.0	11.04	12.19	0	0	-30	1	0	0	1	1	0	0.000	0
253	250	20.5	3.25	3.0	10.72	12.02	0	0	-37	1	0	0	1	1	0	0.000	0
254	251	20.59	3.28	3.0	10.61	11.64	0	0	-40	1	0	0	1	1	0	0.000	0
255	252	20.67	3.25	3.0	10.82	11.86	0	0	-35	1	0	0	1	1	0	0.000	0
256	253	20.75	3.24	3.0	11.45	12.68	0	0	-22	1	0	0	1	1	0	0.000	0
257	254	20.83	3.27	3.0	12.21	13.56	0	0	-6	1	0	0	1	1	0	0.000	0
258	255	20.92	3.39	3.0	12.6	14.29	0	0	2	1	0	0	1	1	0	0.000	0
259	256	21	3.54	3.0	12.78	14.01	0	0	7	1	0	0	1	1	0	0.000	0
260	257	21.08	3.59	3.0	13.04	14.28	0	0	15	1	0	0	1	1	0	0.000	0
261	258	21.16	3.63	3.0	13.13	15.26	0	0	18	1	0	0	1	1	0	0.000	0
262	259	21.24	3.74	3.0	12.55	14.42	0	0	2	1	0	0	1	1	0	0.000	0
263	260	21.33	3.98	3.0	11.4	12.68	0	0	-42	1	0	0	1	1	0	0.000	0
264	261	21.41	4.19	3.1	10.29	11.78	0	0	-100	1	0	0	1	1	0	0.000	0
265	262	21.49	4.13	3.1	9.65	11.02	0	0	-123	1	0	0	1	1	0	0.000	0
266	263	21.57	3.92	3.1	9.16	10.57	0	0	-121	1	0	0	1	1	0	0.000	0
267	264	21.65	3.69	3.1	8.63	10.19	0	0	-116	1	0	0	1	1	0	0.000	0
268	265	21.74	3.46	3.1	8.21	9.37	0	0	-106	1	0	0	1	1	0	0.000	0
269	266	21.82	3.35	3.1	7.88	9.24	0	0	-104	1	0	0	1	1	0	0.000	0
270	267	21.9	3.23	3.1	7.86	9.11	0	0	-94	1	0	0	1	1	0	0.000	0
271	268	21.98	3.17	3.1	7.91	9.22	0	0	-89	1	0	0	1	1	0	0.000	0
272	269	22.06	3.13	3.1	7.81	9.45	0	0	-87	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.03	3.1	7.69	8.83	0	0	-82	1	0	0	1	1	0	0.000	0
274	271	22.23	2.86	3.1	7.51	8.89	0	0	-74	1	0	1	1	1	0	0.000	0
275	272	22.31	2.56	3.1	7.52	8.9	0	0	-57	1	0	1	1	1	0	0.000	0
276	273	22.39	2.37	3.0	7.66	8.86	0	0	-46	1	0	1	1	1	0	0.000	0
277	274	22.47	2.29	3.0	7.87	9.37	0	0	-41	1	0	1	1	1	0	0.000	0
278	275	22.56	2.38	3.0	8.01	9.51	0	0	-43	1	0	1	1	1	0	0.000	0
279	276	22.64	2.55	3.0	7.89	9.29	0	0	-52	1	0	1	1	1	0	0.000	0
280	277	22.72	2.74	3.1	7.62	8.97	0	0	-65	1	0	1	1	1	0	0.000	0
281	278	22.8	2.87	3.1	7.35	8.67	0	0	-77	1	0	1	1	1	0	0.000	0
282	279	22.88	2.92	3.1	7.2	8.44	0	0	-82	1	0	1	1	1	0	0.000	0
283	280	22.97	2.93	3.1	7.25	8.47	0	0	-82	1	0	1	1	1	0	0.000	0
284	281	23.05	2.87	3.1	7.46	8.82	0	0	-75	1	0	1	1	1	0	0.000	0
285	282	23.13	2.82	3.1	7.55	9.1	0	0	-71	1	0	1	1	1	0	0.000	0
286	283	23.21	2.81	3.1	7.43	8.81	0	0	-72	1	0	1	1	1	0	0.000	0
287	284	23.29	2.92	3.1	7.19	8.52	0	0	-83	1	0	1	1	1	0	0.000	0
288	285	23.38	3.03	3.1	7.23	8.42	0	0	-90	1	0	0	1	1	0	0.000	0
289	286	23.46	3.05	3.1	7.56	8.95	0	0	-86	1	0	0	1	1	0	0.000	0
290	287	23.54	3.24	3.1	7.94	9.61	0	0	-93	1	0	0	1	1	0	0.000	0
291	288	23.62	3.62	3.1	8.24	9.81	0	0	-120	1	0	0	1	1	0	0.000	0
292	289	23.7	4.1	3.1	8.54	10.25	0	0	-167	1	0	0	1	1	0	0.000	0
293	290	23.79	4.33	3.1	8.96	10.87	0	0	-180	1	0	0	1	1	0	0.000	0
294	291	23.87	4.36	3.1	9.1	11.39	0	0	-177	1	0	0	1	1	0	0.000	0
295	292	23.95	4.45	3.1	8.76	10.93	0	0	-209	1	0	0	1	1	0	0.000	0
296	293	24.03	4.58	3.2	7.87	9.95	0	0	-287	1	0	0	1	1	0	0.000	0
297	294	24.11	4.63	3.2	6.93	8.51	0	0	-360	1	0	0	1	1	0	0.000	0
298	295	24.2	4.54	3.3	6.07	7.73	0	0	-386	1	0	0	1	1	0	0.000	0
299	296	24.28	4.27	3.3	5.65	6.92	0	0	-331	1	0	0	1	1	0	0.000	0
300	297	24.36	4.34	3.3	5.47	6.96	0	0	-359	1	0	0	1	1	0	0.000	0
301	298	24.44	4.15	3.3	6.09	6.96	0	0	-281	1	0	0	1	1	0	0.000	0
302	299	24.52	3.98	3.2	7.18	8.84	0	0	-203	1	0	0	1	1	0	0.000	0
303	300	24.61	3.84	3.1	8.02	10.64	0	0	-152	1	0	0	1	1	0	0.000	0
304	301	24.69	4.1	3.2	7.93	10.11	0	0	-192	1	0	0	1	1	0	0.000	0
305	302	24.77	4.76	3.2	6.96	8.93	0	0	-397	1	0	0	1	1	0	0.000	0
306	303	24.85	5.26	3.3	5.95	7.64	0	0	-694	1	0	0	1	1	0	0.000	0
307	304	24.93	5.19	3.4	5.25	6.69	0	0	-728	1	0	0	1	1	0	0.000	0
308	305	25.02	4.53	3.3	5.02	6.46	0	0	-446	1	0	0	1	1	0	0.000	0
309	306	25.1	4.06	3.3	5.09	6.74	0	0	-302	1	0	0	1	1	0	0.000	0
310	307	25.18	3.92	3.3	5.17	6.83	0	0	-266	1	0	0	1	1	0	0.000	0
311	308	25.26	4.01	3.3	5.11	6.71	0	0	-289	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	4.25	3.3	4.93	6.55	0	0	-360	1	0	0	1	1	0	0.000	0
313	310	25.43	4.58	3.4	4.74	6.16	0	0	-481	1	0	0	1	1	0	0.000	0
314	311	25.51	4.69	3.4	4.9	6.03	0	0	-515	1	0	0	1	1	0	0.000	0
315	312	25.59	4.2	3.3	5.99	7.01	0	0	-297	1	0	0	1	1	0	0.000	0
316	313	25.67	3.69	3.1	7.88	9.8	0	0	-138	1	0	0	1	1	0	0.000	0
317	314	25.75	3.42	3.0	10.11	12.56	0	0	-57	1	0	0	1	1	0	0.000	0
318	315	25.84	3.5	3.0	11.35	15.11	0	0	-29	1	0	0	1	1	0	0.000	0
319	316	25.92	3.95	3.0	11.36	14.56	0	0	-42	1	0	0	1	1	0	0.000	0
320	317	26	4.63	3.1	10.51	12.95	0	0	-128	1	0	0	1	1	0	0.000	0
321	318	26.08	5.05	3.1	10.15	12.23	0	0	-211	1	0	0	1	1	0	0.000	0
322	319	26.16	4.7	3.1	10.63	13.3	0	0	-128	1	0	0	1	1	0	0.000	0
323	320	26.25	4.31	3.1	11.23	14.62	0	0	-63	1	0	0	1	1	0	0.000	0
324	321	26.33	4.54	3.1	10.79	14.38	0	0	-103	1	0	0	1	1	0	0.000	0
325	322	26.41	5.24	3.2	9.56	11.81	0	0	-307	1	0	0	1	1	0	0.000	0
326	323	26.49	6.03	3.2	8.44	10.38	0	0	-773	1	0	0	1	1	0	0.000	0
327	324	26.57	5.36	3.2	9.32	10.44	0	0	-364	1	0	0	1	1	0	0.000	0
328	325	26.66	4.36	3.0	11.93	14.75	0	0	-30	1	0	0	1	1	0	0.000	0
329	326	26.74	3.73	2.9	14.8	19.57	0	0	71	1	0	0	1	1	0	0.000	0
330	327	26.82	3.71	2.9	16	20.68	0	0	07	1	0	0	0	1	0	0.000	0
331	328	26.9	4.11	2.9	15.13	19.28	0	0	1 2	1	0	0	0	1	0	0.000	0
332	329	26.98	4.69	3.0	13.41	16.65	0	0	62	1	0	0	1	1	0	0.000	0
333	330	27.07	5.39	3.1	11.55	14.63	0	0	11	1	0	0	1	1	0	0.000	0
334	331	27.15	6.05	3.2	9.84	12.68	0	0	-514	1	0	0	1	1	0	0.000	0
335	332	27.23	6.59	3.3	8.31	10.61	0	0	-1208	1	0	0	1	1	0	0.000	0
336	333	27.31	6.85	3.3	7.21	9.21	0	0	-1843	1	0	0	1	1	0	0.000	0
337	334	27.39	6.53	3.3	6.81	8.79	0	0	-1570	1	0	0	1	1	0	0.000	0
338	335	27.48	5.92	3.3	7.08	9.16	0	0	-951	1	0	0	1	1	0	0.000	0
339	336	27.56	5.21	3.2	7.77	10.09	0	0	-482	1	0	0	1	1	0	0.000	0
340	337	27.64	5.11	3.2	8.17	11.15	0	0	-408	1	0	0	1	1	0	0.000	0
341	338	27.72	5.47	3.2	8.02	10.64	0	0	-558	1	0	0	1	1	0	0.000	0
342	339	27.8	6.03	3.3	7.5	9.64	0	0	-953	1	0	0	1	1	0	0.000	0
343	340	27.89	6.18	3.3	7	9.33	0	0	-1172	1	0	0	1	1	0	0.000	0
344	341	27.97	5.87	3.3	6.66	8.81	0	0	-987	1	0	0	1	1	0	0.000	0
345	342	28.05	5.57	3.3	6.28	8.35	0	0	-837	1	0	0	1	1	0	0.000	0
346	343	28.13	5.26	3.3	5.98	7.93	0	0	-691	1	0	0	1	1	0	0.000	0
347	344	28.21	4.92	3.3	5.76	7.65	0	0	-548	1	0	0	1	1	0	0.000	0
348	345	28.3	4.32	3.3	5.73	7.42	0	0	-341	1	0	0	1	1	0	0.000	0
349	346	28.38	3.72	3.3	5.8	7.65	0	0	-206	1	0	0	1	1	0	0.000	0
350	347	28.46	3.38	3.2	5.89	7.7	0	0	-153	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	3.27	3.2	5.92	7.66	0	0	-138	1	0	0	1	1	0	0.000	0
352	349	28.63	3.59	3.2	5.8	7.71	0	0	-185	1	0	0	1	1	0	0.000	0
353	350	28.71	3.95	3.3	5.63	7.28	0	0	-255	1	0	0	1	1	0	0.000	0
354	351	28.79	4.17	3.3	5.71	7.06	0	0	-302	1	0	0	1	1	0	0.000	0
355	352	28.87	4.1	3.3	6.18	7.96	0	0	-266	1	0	0	1	1	0	0.000	0
356	353	28.95	3.95	3.2	7.24	8.85	0	0	-196	1	0	0	1	1	0	0.000	0
357	354	29.04	4.1	3.1	8.33	10.68	0	0	-175	1	0	0	1	1	0	0.000	0
358	355	29.12	3.86	3.1	10.37	11.77	0	0	-74	1	0	0	1	1	0	0.000	0
359	356	29.2	3.57	3.0	12.77	16.48	0	0	7	1	0	0	1	1	0	0.000	0
360	357	29.28	3.27	2.9	15.36	20.01	0	0	60	1	0	0	1	1	0	0.000	0
361	358	29.36	3.21	2.8	16.86	21.83	0	0	87	1	0	0	0	1	0	0.000	0
362	359	29.45	3.22	2.8	17.49	22.32	0	0	101	1	0	0	0	1	0	0.000	0
363	360	29.53	3.29	2.8	17.59	22.36	0	0	109	1	0	0	0	1	0	0.000	0
364	361	29.61	3.44	2.8	17.47	22.28	0	0	121	1	0	0	0	1	0	0.000	0
365	362	29.69	3.71	2.9	17.18	21.97	0	0	143	1	0	0	0	1	0	0.000	0
366	363	29.77	3.98	2.9	16.69	21.33	0	0	160	1	0	0	0	1	0	0.000	0
367	364	29.86	4.24	2.9	15.76	20.55	0	0	154	1	0	0	0	1	0	0.000	0
368	365	29.94	4.58	3.0	14.3	18.61	0	0	112	1	0	0	0	1	0	0.000	0
369	366	30.02	5.14	3.1	12.67	16.03	0	0	16	1	0	0	1	1	0	0.000	0
370	367	30.1	5.58	3.1	11.6	14.61	0	0	-112	1	0	0	1	1	0	0.000	0
371	368	30.18	5.45	3.1	11.72	14.73	0	0	-96	1	0	0	1	1	0	0.000	0
372	369	30.27	4.73	3.0	12.95	16.52	0	0	31	1	0	0	1	1	0	0.000	0
373	370	30.35	4.19	3.0	14.22	19.15	0	0	78	1	0	0	1	1	0	0.000	0
374	371	30.43	4.01	2.9	14.86	19.43	0	0	92	1	0	0	0	1	0	0.000	0
375	372	30.51	4.18	3.0	14.19	18.9	0	0	76	1	0	0	1	1	0	0.000	0
376	373	30.59	4.58	3.0	12.7	16.74	0	0	12	1	0	0	1	1	0	0.000	0
377	374	30.68	4.71	3.1	11.53	14	0	0	-67	1	0	0	1	1	0	0.000	0
378	375	30.76	4.05	3.0	12.26	14.62	0	0	-10	1	0	0	1	1	0	0.000	0
379	376	30.84	3.02	2.9	15.04	19.43	0	0	43	1	0	0	1	1	0	0.000	0
380	377	30.92	2.48	2.7	17.87	24.29	0	0	57	1	0	1	1	1	0	0.000	0
381	378	31	2.37	2.7	18.69	24.32	0	0	59	1	0	1	1	1	0	0.000	0
382	379	31.09	2.68	2.8	16.76	22.21	0	0	54	1	0	1	1	1	0	0.000	0
383	380	31.17	3.25	2.9	13.9	17.95	0	0	29	1	0	0	1	1	0	0.000	0
384	381	31.25	4.26	3.1	10.83	14.14	0	0	-80	1	0	0	1	1	0	0.000	0
385	382	31.33	5.27	3.2	8.5	10.94	0	0	-427	1	0	0	1	1	0	0.000	0
386	383	31.41	5.77	3.3	6.86	9.43	0	0	-883	1	0	0	1	1	0	0.000	0
387	384	31.5	5.25	3.3	5.98	8.2	0	0	-685	1	0	0	1	1	0	0.000	0
388	385	31.58	4.31	3.3	5.29	7.74	0	0	-360	1	0	0	1	1	0	0.000	0
389	386	31.66	3.59	3.3	4.84	6.94	0	0	-211	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	3.33	3.3	4.63	6.54	0	0	-174	1	0	0	1	1	0	0.000	0
391	388	31.82	3.3	3.3	4.87	6.97	0	0	-165	1	0	0	1	1	0	0.000	0
392	389	31.91	3.38	3.3	5.44	7.8	0	0	-163	1	0	0	1	1	0	0.000	0
393	390	31.99	3.52	3.2	6.02	8.58	0	0	-168	1	0	0	1	1	0	0.000	0
394	391	32.07	3.75	3.2	6.38	9.07	0	0	-193	1	0	0	1	1	0	0.000	0
395	392	32.15	4	3.2	6.53	9.1	0	0	-231	1	0	0	1	1	0	0.000	0
396	393	32.23	4.22	3.2	6.53	9.15	0	0	-277	1	0	0	1	1	0	0.000	0
397	394	32.32	4.41	3.2	6.52	9.08	0	0	-324	1	0	0	1	1	0	0.000	0
398	395	32.4	4.57	3.3	6.47	8.91	0	0	-371	1	0	0	1	1	0	0.000	0
399	396	32.48	4.82	3.3	6.37	8.82	0	0	-460	1	0	0	1	1	0	0.000	0
400	397	32.56	5.06	3.3	6.18	8.56	0	0	-573	1	0	0	1	1	0	0.000	0
401	398	32.64	5.35	3.3	5.93	8.31	0	0	-746	1	0	0	1	1	0	0.000	0
402	399	32.73	5.59	3.4	5.71	7.95	0	0	-927	1	0	0	1	1	0	0.000	0
403	400	32.81	5.79	3.4	5.53	7.82	0	0	-1108	1	0	0	1	1	0	0.000	0
404	401	32.89	5.88	3.4	5.41	7.7	0	0	-1207	1	0	0	1	1	0	0.000	0
405	402	32.97	5.98	3.4	5.28	7.57	0	0	-1325	1	0	0	1	1	0	0.000	0
406	403	33.05	6.12	3.4	5.1	7.42	0	0	-1508	1	0	0	1	1	0	0.000	0
407	404	33.14	6.24	3.4	4.89	7.11	0	0	-1706	1	0	0	1	1	0	0.000	0
408	405	33.22	6.34	3.5	4.67	6.83	0	0	-1779	1	0	0	1	1	0	0.000	0
409	406	33.3	6.33	3.5	4.51	6.64	0	0	-1913	1	0	0	1	1	0	0.000	0
410	407	33.38	6.29	3.5	4.39	6.49	0	0	-1875	1	0	0	1	1	0	0.000	0
411	408	33.46	6.12	3.5	4.37	6.36	0	0	-1657	1	0	0	1	1	0	0.000	0
412	409	33.55	5.99	3.5	4.37	6.53	0	0	-1503	1	0	0	1	1	0	0.000	0
413	410	33.63	5.9	3.5	4.38	6.47	0	0	-1403	1	0	0	1	1	0	0.000	0
414	411	33.71	5.85	3.5	4.28	6.37	0	0	-1368	1	0	0	1	1	0	0.000	0
415	412	33.79	5.78	3.5	4.11	6.2	0	0	-1324	1	0	0	1	1	0	0.000	0
416	413	33.87	5.63	3.5	3.94	5.87	0	0	-1205	1	0	0	1	1	0	0.000	0
417	414	33.96	5.35	3.5	3.81	5.79	0	0	-987	1	0	0	1	1	0	0.000	0
418	415	34.04	5	3.5	3.8	5.71	0	0	-753	1	0	0	1	1	0	0.000	0
419	416	34.12	4.64	3.4	3.87	5.75	0	0	-561	1	0	0	1	1	0	0.000	0
420	417	34.2	4.28	3.4	3.99	5.98	0	0	-414	1	0	0	1	1	0	0.000	0
421	418	34.28	4.15	3.4	4.08	6.05	0	0	-369	1	0	0	1	1	0	0.000	0
422	419	34.37	4.15	3.4	4.13	6.02	0	0	-367	1	0	0	1	1	0	0.000	0
423	420	34.45	4.36	3.4	4.15	6.12	0	0	-434	1	0	0	1	1	0	0.000	0
424	421	34.53	4.39	3.4	4.16	6.09	0	0	-444	1	0	0	1	1	0	0.000	0
425	422	34.61	4.32	3.4	4.13	6.01	0	0	-421	1	0	0	1	1	0	0.000	0
426	423	34.69	4.29	3.4	4.07	5.98	0	0	-414	1	0	0	1	1	0	0.000	0
427	424	34.78	4.3	3.4	4.13	5.82	0	0	-414	1	0	0	1	1	0	0.000	0
428	425	34.86	4.34	3.4	4.27	6.17	0	0	-421	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.46	3.4	4.47	6.42	0	0	-452	1	0	0	1	1	0	0.000	0
430	427	35.02	4.68	3.4	4.56	6.52	0	0	-533	1	0	0	1	1	0	0.000	0
431	428	35.1	5.02	3.4	4.58	6.56	0	0	-696	1	0	0	1	1	0	0.000	0
432	429	35.19	5.27	3.4	4.58	6.67	0	0	-846	1	0	0	1	1	0	0.000	0
433	430	35.27	5.3	3.4	4.56	6.7	0	0	-868	1	0	0	1	1	0	0.000	0
434	431	35.35	5.19	3.4	4.49	6.68	0	0	-804	1	0	0	1	1	0	0.000	0
435	432	35.43	4.95	3.4	4.38	6.52	0	0	-675	1	0	0	1	1	0	0.000	0
436	433	35.51	4.83	3.4	4.25	6.37	0	0	-624	1	0	0	1	1	0	0.000	0
437	434	35.6	4.66	3.4	4.22	6.21	0	0	-547	1	0	0	1	1	0	0.000	0
438	435	35.68	4.57	3.4	4.26	6.34	0	0	-507	1	0	0	1	1	0	0.000	0
439	436	35.76	4.43	3.4	4.39	6.44	0	0	-446	1	0	0	1	1	0	0.000	0
440	437	35.84	4.36	3.4	4.46	6.59	0	0	-418	1	0	0	1	1	0	0.000	0
441	438	35.92	4.32	3.4	4.48	6.6	0	0	-403	1	0	0	1	1	0	0.000	0
442	439	36.01	4.37	3.4	4.47	6.48	0	0	-421	1	0	0	1	1	0	0.000	0
443	440	36.09	4.43	3.4	4.47	6.5	0	0	-441	1	0	0	1	1	0	0.000	0
444	441	36.17	4.53	3.4	4.5	6.56	0	0	-477	1	0	0	1	1	0	0.000	0
445	442	36.25	4.58	3.4	4.51	6.57	0	0	-496	1	0	0	1	1	0	0.000	0
446	443	36.33	4.72	3.4	4.45	6.55	0	0	-558	1	0	0	1	1	0	0.000	0
447	444	36.42	4.82	3.4	4.37	6.42	0	0	-710	1	0	0	1	1	0	0.000	0
448	445	36.5	5.04	3.4	4.24	6.36	0	0	-797	1	0	0	1	1	0	0.000	0
449	446	36.58	5.21	3.5	4.11	6.12	0	0	-855	1	0	0	1	1	0	0.000	0
450	447	36.66	5.41	3.5	3.95	5.99	0	0	-1217	1	0	0	1	1	0	0.000	0
451	448	36.74	5.8	3.5	3.9	5.79	0	0	-1378	1	0	0	1	1	0	0.000	0
452	449	36.83	6.1	3.5	4.4	5.91	0	0	-1626	1	0	0	1	1	0	0.000	0
453	450	36.91	5.73	3.4	5.63	7.68	0	0	-1044	1	0	0	1	1	0	0.000	0
454	451	36.99	4.79	3.2	8.04	10.19	0	0	-327	1	0	0	1	1	0	0.000	0
455	452	37.07	4.14	3.1	10.93	15.07	0	0	-68	1	0	0	1	1	0	0.000	0
456	453	37.16	3.95	3.0	13.63	19.18	0	0	42	1	0	0	1	1	0	0.000	0
457	454	37.24	4.08	2.9	15.12	21.17	0	0	108	1	0	0	0	1	0	0.000	0
458	455	37.32	4.44	3.0	15.19	21.16	0	0	149	1	0	0	0	1	0	0.000	0
459	456	37.4	5	3.0	14.34	19.51	0	0	159	1	0	0	0	1	0	0.000	0
460	457	37.48	5.71	3.1	13.1	17.86	0	0	90	1	0	0	0	1	0	0.000	0
461	458	37.57	6.41	3.1	11.9	16.34	0	0	-152	1	0	0	1	1	0	0.000	0
462	459	37.65	7.11	3.2	10.54	14.74	0	0	-823	1	0	0	1	1	0	0.000	0
463	460	37.73	7.68	3.3	9.42	12.48	0	0	-1935	1	0	0	1	1	0	0.000	0
464	461	37.81	8.07	3.3	8.62	11.87	0	0	-3193	1	0	0	1	1	0	0.000	0
465	462	37.89	7.93	3.3	8.34	11.54	0	0	-3109	1	0	0	1	1	0	0.000	0
466	463	37.98	7.41	3.3	8.34	11.29	0	0	-2162	1	0	0	1	1	0	0.000	0
467	464	38.06	6.89	3.3	8.16	11.72	0	0	-1556	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	6.63	3.3	7.61	10.92	0	0	-1452	1	0	0	1	1	0	0.000	0
469	466	38.22	6.74	3.4	6.65	9.39	0	0	-1881	1	0	0	1	1	0	0.000	0
470	467	38.3	6.74	3.4	5.65	8.23	0	0	-2203	1	0	0	1	1	0	0.000	0
471	468	38.39	6.29	3.4	4.86	7.12	0	0	-1767	1	0	0	1	1	0	0.000	0
472	469	38.47	5.61	3.5	4.33	6.25	0	0	-1133	1	0	0	1	1	0	0.000	0
473	470	38.55	4.8	3.4	4.11	5.99	0	0	-620	1	0	0	1	1	0	0.000	0
474	471	38.63	4.07	3.4	4.14	6.05	0	0	-343	1	0	0	1	1	0	0.000	0
475	472	38.71	3.59	3.4	4.24	6.13	0	0	-228	1	0	0	1	1	0	0.000	0
476	473	38.8	3.4	3.3	4.39	6.2	0	0	-190	1	0	0	1	1	0	0.000	0
477	474	38.88	3.58	3.3	4.47	6.39	0	0	-219	1	0	0	1	1	0	0.000	0
478	475	38.96	3.78	3.3	4.53	6.37	0	0	-257	1	0	0	1	1	0	0.000	0
479	476	39.04	3.99	3.4	4.49	6.41	0	0	-308	1	0	0	1	1	0	0.000	0
480	477	39.12	4.16	3.4	4.46	6.42	0	0	-355	1	0	0	1	1	0	0.000	0
481	478	39.21	4.27	3.4	4.42	6.37	0	0	-390	1	0	0	1	1	0	0.000	0
482	479	39.29	4.35	3.4	4.38	6.37	0	0	-419	1	0	0	1	1	0	0.000	0
483	480	39.37	4.34	3.4	4.39	6.41	0	0	-415	1	0	0	1	1	0	0.000	0
484	481	39.45	4.37	3.4	4.37	6.47	0	0	-426	1	0	0	1	1	0	0.000	0
485	482	39.53	4.42	3.4	4.34	6.4	0	0	-445	1	0	0	1	1	0	0.000	0
486	483	39.62	4.49	3.4	4.27	6.36	0	0	-475	1	0	0	1	1	0	0.000	0
487	484	39.7	4.5	3.4	4.21	6.27	0	0	-472	1	0	0	1	1	0	0.000	0
488	485	39.78	4.46	3.4	4.17	6.2	0	0	-469	1	0	0	1	1	0	0.000	0
489	486	39.86	4.41	3.4	4.17	6.22	0	0	-451	1	0	0	1	1	0	0.000	0
490	487	39.94	4.36	3.4	4.19	6.2	0	0	-432	1	0	0	1	1	0	0.000	0
491	488	40.03	4.3	3.4	4.24	6.26	0	0	-409	1	0	0	1	1	0	0.000	0
492	489	40.11	4.23	3.4	4.33	6.37	0	0	-382	1	0	0	1	1	0	0.000	0
493	490	40.19	4.22	3.4	4.45	6.54	0	0	-373	1	0	0	1	1	0	0.000	0
494		40.27	4.31	3.4	4.66	6.71	0	0	-391	1	0	0	1	1	0	0.000	0
495		40.35	4.34	3.3	4.98	7.14	0	0	-384	1	0	0	1	1	0	0.000	0
496		40.44	4.31	3.3	5.35	7.72	0	0	-357	1	0	0	1	1	0	0.000	0
497		40.52	4.35	3.3	5.59	8.2	0	0	-356	1	0	0	1	1	0	0.000	0
498		40.6	4.54	3.3	5.58	8.24	0	0	-416	1	0	0	1	1	0	0.000	0
499		40.68	4.76	3.3	5.32	7.91	0	0	-514	1	0	0	1	1	0	0.000	0
500		40.76	4.82	3.4	4.99	7.41	0	0	-564	1	0	0	1	1	0	0.000	0
501		40.85	4.66	3.4	4.67	7.1	0	0	-518	1	0	0	1	1	0	0.000	0
502		40.93	4.39	3.4	4.39	6.71	0	0	-432	1	0	0	1	1	0	0.000	0
503		41.01	4.12	3.4	4.16	6.31	0	0	-357	1	0	0	1	1	0	0.000	0
504		41.09	3.77	3.4	3.98	6.11	0	0	-273	1	0	0	1	1	0	0.000	0
505		41.17	3.5	3.4	3.88	5.88	0	0	-220	1	0	0	1	1	0	0.000	0
506		41.26	3.33	3.4	3.93	5.85	0	0	-190	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507		41.34	3.21	3.3	4.12	6.2	0	0	-167	1	0	0	1	1	0	0.000	0
508		41.42	2.97	3.3	4.31	6.5	0	0	-133	1	0	1	1	1	0	0.000	0
509		41.5	2.67	3.3	4.37	6.48	0	0	-102	1	0	1	1	1	0	0.000	0
510		41.58	2.55	3.3	4.31	6.46	0	0	-92	1	0	1	1	1	0	0.000	0
511		41.67	2.63	3.3	4.35	6.33	0	0	-98	1	0	1	1	1	0	0.000	0
512		41.75	2.59	3.3	4.59	6.55	0	0	-92	1	0	1	1	1	0	0.000	0
513		41.83	2.56	3.2	5.01	7.21	0	0	-85	1	0	1	1	1	0	0.000	0
514		41.91	2.55	3.2	5.5	7.76	0	0	-79	1	0	1	1	1	0	0.000	0
515		41.99	2.93	3.2	5.9	8.41	0	0	-104	1	0	1	1	1	0	0.000	0
516		42.08	4.76	3.3	6.42	8.8	0	0	-435	1	0	0	1	1	0	0.000	0
517		42.16	5.89	3.3	7.85	9.85	0	0	-797	1	0	0	1	1	0	0.000	0
518		42.24	6.67	3.3	8.89	14.16	0	0	-1103	1	0	0	1	1	0	0.000	0
519		42.32	6.57	3.3	8.76	13.24	0	0	-1063	1	0	0	1	1	0	0.000	0
520		42.4	6.81	3.3	7.33	9.98	0	0	-1749	1	0	0	1	1	0	0.000	0
521		42.49	6.69	3.4	5.99	9.17	0	0	-2019	1	0	0	1	1	0	0.000	0
522		42.57	6.17	3.4	5.08	8.38	0	0	-1569	1	0	0	1	1	0	0.000	0
523		42.65	5.61	3.5	4.24	6.55	0	0	-1146	1	0	0	1	1	0	0.000	0
524		42.73	5.08	3.5	3.55	5.89	0	0	[illegible]	1	0	0	1	1	0	0.000	0
525		42.81	4.41	3.5	3.27	5.64	0	0	[illegible]99	1	0	0	1	1	0	0.000	0
526		42.9	3.77	3.5	3.16	5.35	0	0	-2[illegible]9	1	0	0	1	1	0	0.000	0
527		42.98	3.34	3.5	3.13	5.31	0	0	-209	1	0	0	1	1	0	0.000	0
528		43.06	3.12	3.4	3.21	5.41	0	0	-172	1	0	0	1	1	0	0.000	0
529		43.14	3.14	3.4	3.37	5.51	0	0	-172	1	0	0	1	1	0	0.000	0
530		43.22	3.34	3.4	3.57	5.79	0	0	-199	1	0	0	1	1	0	0.000	0
531		43.31	3.49	3.4	3.89	6.1	0	0	-218	1	0	0	1	1	0	0.000	0
532		43.39	3.52	3.3	4.28	6.66	0	0	-214	1	0	0	1	1	0	0.000	0
533		43.47	3.56	3.3	4.7	7.22	0	0	-210	1	0	0	1	1	0	0.000	0
534		43.55	3.59	3.3	5.05	7.69	0	0	-205	1	0	0	1	1	0	0.000	0
535		43.63	3.71	3.3	5.33	8.02	0	0	-218	1	0	0	1	1	0	0.000	0
536		43.72	3.74	3.3	5.67	8.35	0	0	-213	1	0	0	1	1	0	0.000	0
537		43.8	3.76	3.2	6.1	8.99	0	0	-203	1	0	0	1	1	0	0.000	0
538		43.88	3.74	3.2	6.59	9.68	0	0	-185	1	0	0	1	1	0	0.000	0
539		43.96	3.83	3.2	6.95	10.27	0	0	-187	1	0	0	1	1	0	0.000	0
540		44.04	4.02	3.2	7.14	10.46	0	0	-211	1	0	0	1	1	0	0.000	0
541		44.13	4.28	3.2	7.13	10.54	0	0	-262	1	0	0	1	1	0	0.000	0
542		44.21	4.5	3.2	7	10.37	0	0	-320	1	0	0	1	1	0	0.000	0
543		44.29	4.65	3.2	6.79	10.13	0	0	-374	1	0	0	1	1	0	0.000	0
544		44.37	4.84	3.3	6.58	9.84	0	0	-451	1	0	0	1	1	0	0.000	0
545		44.45	5.06	3.3	6.43	9.57	0	0	-550	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546		44.54	5.26	3.3	6.4	9.57	0	0	-646	1	0	0	1	1	0	0.000	0
547		44.62	5.32	3.3	6.49	9.75	0	0	-667	1	0	0	1	1	0	0.000	0
548		44.7	5.51	3.3	6.58	10.03	0	0	-761	1	0	0	1	1	0	0.000	0
549		44.78	5.82	3.3	6.63	10.1	0	0	-955	1	0	0	1	1	0	0.000	0
550		44.86	6.23	3.3	6.55	10	0	0	-1316	1	0	0	1	1	0	0.000	0
551		44.95	6.47	3.4	6.32	9.78	0	0	-1632	1	0	0	1	1	0	0.000	0
552		45.03	6.6	3.4	6.04	9.28	0	0	-1876	1	0	0	1	1	0	0.000	0
553		45.11	6.32	3.4	5.74	8.96	0	0	-1598	1	0	0	1	1	0	0.000	0
554		45.19	6.07	3.4	5.51	8.62	0	0	-1372	1	0	0	1	1	0	0.000	0
555		45.27	5.73	3.4	5.4	8.36	0	0	-1079	1	0	0	1	1	0	0.000	0
556		45.36	5.69	3.4	5.43	8.54	0	0	-1042	1	0	0	1	1	0	0.000	0
557		45.44	5.62	3.4	5.7	8.73	0	0	-950	1	0	0	1	1	0	0.000	0
558		45.52	5.68	3.3	6.07	9.45	0	0	-941	1	0	0	1	1	0	0.000	0
559		45.6	5.73	3.3	6.65	10.02	0	0	-889	1	0	0	1	1	0	0.000	0
560		45.69	5.69	3.3	7.23	10.98	0	0	-777	1	0	0	1	1	0	0.000	0
561		45.77	5.61	3.2	7.79	11.75	0	0	-653	1	0	0	1	1	0	0.000	0
562		45.85	5.67	3.2	8.26	12.26	0	0	-616	1	0	0	1	1	0	0.000	0
563		45.93	5.81	3.2	8.6	12.87	0	0	-730	1	0	0	1	1	0	0.000	0
564		46.01	5.95	3.2	8.82	13.05	0	0	-760	1	0	0	1	1	0	0.000	0
565		46.1	6.11	3.2	8.81	13.09	0	0	-7[illegible]6	1	0	0	1	1	0	0.000	0
566		46.18	6.36	3.2	8.63	12.82	0	0	-942	1	0	0	1	1	0	0.000	0
567		46.26	6.57	3.3	8.38	12.38	0	0	-1171	1	0	0	1	1	0	0.000	0
568		46.34	6.74	3.3	8.13	12.13	0	0	-1405	1	0	0	1	1	0	0.000	0
569		46.42	6.77	3.3	7.89	11.86	0	0	-1515	1	0	0	1	1	0	0.000	0
570		46.51	6.84	3.3	7.69	11.45	0	0	-1663	1	0	0	1	1	0	0.000	0
571		46.59	6.88	3.3	7.51	11.31	0	0	-1776	1	0	0	1	1	0	0.000	0
572		46.67	6.91	3.3	7.35	11.18	0	0	-1873	1	0	0	1	1	0	0.000	0
573		46.75	6.97	3.3	7.14	10.85	0	0	-2036	1	0	0	1	1	0	0.000	0
574		46.83	6.95	3.3	6.93	10.54	0	0	-2085	1	0	0	1	1	0	0.000	0
575		46.92	6.87	3.4	6.72	10.32	0	0	-2043	1	0	0	1	1	0	0.000	0
576		47	6.81	3.4	6.57	10.04	0	0	-2007	1	0	0	1	1	0	0.000	0
577		47.08	6.72	3.4	6.45	9.9	0	0	-1918	1	0	0	1	1	0	0.000	0
578		47.16	6.68	3.4	6.38	9.82	0	0	-1884	1	0	0	1	1	0	0.000	0
579		47.24	6.61	3.4	6.29	9.77	0	0	-1817	1	0	0	1	1	0	0.000	0
580		47.33	6.68	3.4	6.16	9.59	0	0	-1952	1	0	0	1	1	0	0.000	0
581		47.41	6.71	3.4	6.03	9.36	0	0	-2036	1	0	0	1	1	0	0.000	0
582		47.49	6.55	3.4	6	9.29	0	0	-1820	1	0	0	1	1	0	0.000	0
583		47.57	6.1	3.4	6.12	9.43	0	0	-1281	1	0	0	1	1	0	0.000	0
584		47.65	5.59	3.3	6.3	9.75	0	0	-847	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585		47.74	5.26	3.3	6.41	9.92	0	0	-645	1	0	0	1	1	0	0.000	0
586		47.82	5.08	3.3	6.34	9.83	0	0	-567	1	0	0	1	1	0	0.000	0
587		47.9	5.03	3.3	6.09	9.49	0	0	-568	1	0	0	1	1	0	0.000	0
588		47.98	4.98	3.3	5.78	8.94	0	0	-572	1	0	0	1	1	0	0.000	0
589		48.06	5.08	3.4	5.41	8.64	0	0	-653	1	0	0	1	1	0	0.000	0
590		48.15	5.24	3.4	5.06	8.05	0	0	-776	1	0	0	1	1	0	0.000	0
591		48.23	5.34	3.4	4.75	7.57	0	0	-874	1	0	0	1	1	0	0.000	0
592		48.31	5.11	3.4	4.6	7.38	0	0	-745	1	0	0	1	1	0	0.000	0
593		48.39	4.63	3.4	4.57	7.37	0	0	-512	1	0	0	1	1	0	0.000	0
594		48.47	4.04	3.4	4.56	7.33	0	0	-318	1	0	0	1	1	0	0.000	0
595		48.56	3.5	3.3	4.5	7.25	0	0	-204	1	0	0	1	1	0	0.000	0
596		48.64	3.16	3.3	4.42	7.09	0	0	-155	1	0	0	1	1	0	0.000	0
597		48.72	2.99	3.3	4.42	6.97	0	0	-134	1	0	1	1	1	0	0.000	0
598		48.8	3.04	3.3	4.37	7.12	0	0	-140	1	0	0	1	1	0	0.000	0
599		48.88	3.02	3.3	4.33	6.77	0	0	-139	1	0	0	1	1	0	0.000	0
600		48.97	3.05	3.3	4.27	6.67	0	0	-143	1	0	0	1	1	0	0.000	0
601		49.05	3.24	3.3	4.38	6.82	0	0	-166	1	0	0	1	1	0	0.000	0
602		49.13	3.41	3.3	4.74	7.08	0	0	-184	1	0	0	1	1	0	0.000	0
603		49.21	3.4	3.3	5.43	7.94	0	0	-166	1	0	0	1	1	0	0.000	0
604		49.29	3.27	3.2	6.28	9.46	0	0	-111	1	0	0	1	1	0	0.000	0
605		49.38	3.29	3.2	6.86	10.47	0	0	-121	1	0	0	1	1	0	0.000	0
606		49.46	3.31	3.2	7.07	10.36	0	0	-118	1	0	0	1	1	0	0.000	0
607		49.54	3.28	3.2	6.93	10.51	0	0	-118	1	0	0	1	1	0	0.000	0
608		49.62	3.24	3.2	6.71	10.1	0	0	-119	1	0	0	1	1	0	0.000	0
609		49.7	3.39	3.2	6.47	9.58	0	0	-140	1	0	0	1	1	0	0.000	0
610		49.79	3.56	3.2	6.41	9.35	0	0	-164	1	0	0	1	1	0	0.000	0
611		49.87	3.62	3.2	6.51	9.61	0	0	-169	1	0	0	1	1	0	0.000	0
612		49.95	3.59	3.2	6.55	9.78	0	0	-164	1	0	0	1	1	0	0.000	0
613		50.03	3.58	3.2	6.42	9.61	0	0	-166	1	0	0	1	1	0	0.000	0
614		50.11	3.58	3.2	6.18	9.25	0	0	-173	1	0	0	1	1	0	0.000	0
615		50.2	2.42	3.1	5.94	8.89	0	0	-66	1	0	1	1	1	0	0.000	0
616		50.28	1.21	3.0	5.79	8.65	0	0	-22	1	0	1	1	1	0	0.000	0
617		50.36	0	4.1	5.74	8.54	0	0	-7	1	0	1	1	1	0	0.000	0
618		50.44	0	4.1	5.79	8.53	0	0	-7	1	0	1	1	1	0	0.000	0
619		50.52	0	4.1	5.86	8.76	0	0	-7	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

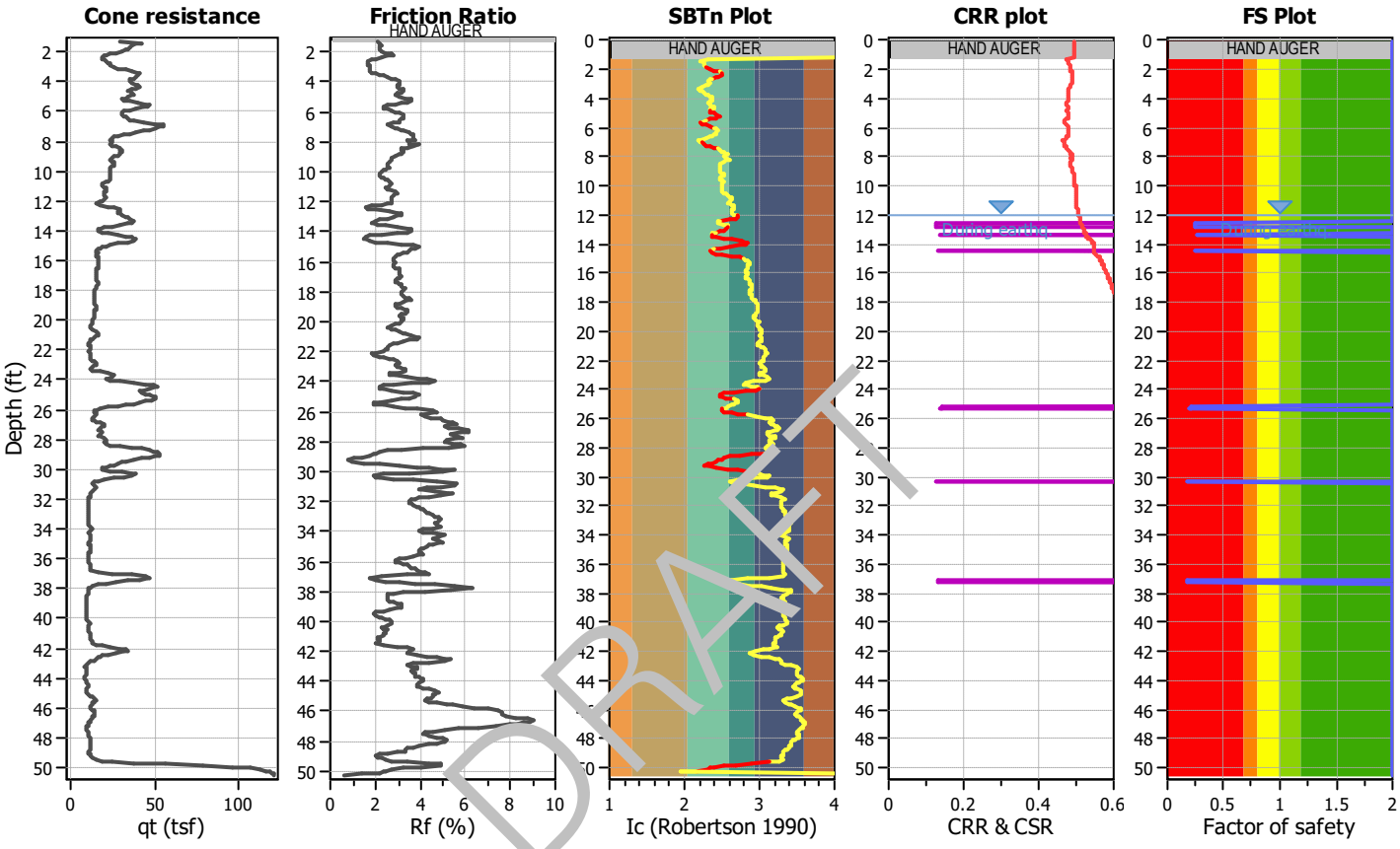
LIQUEFACTION ANALYSIS REPORT

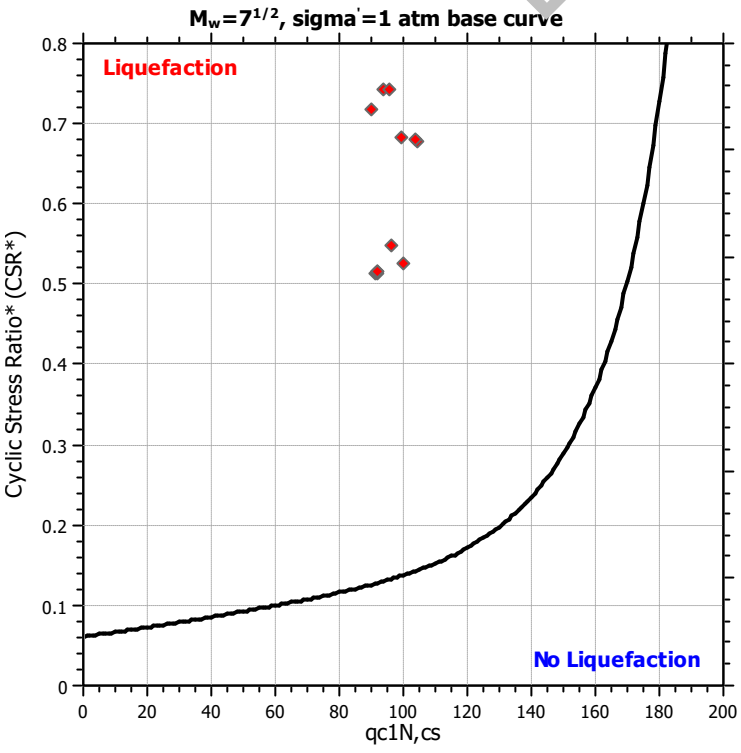
Project title : **Location :**

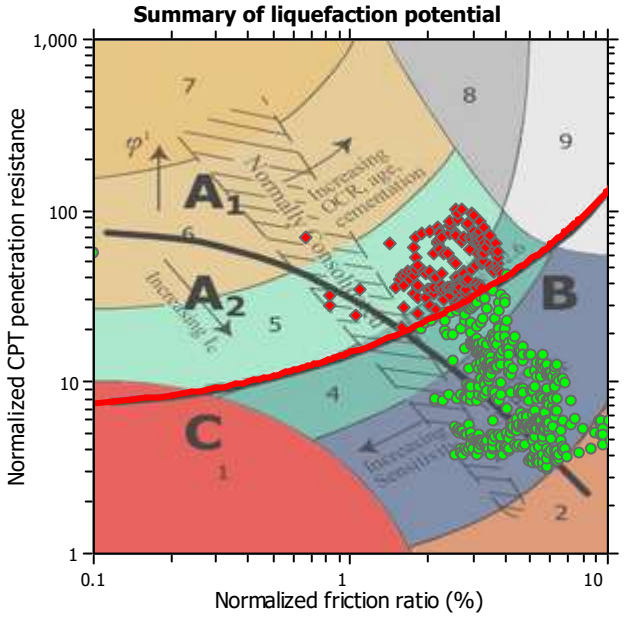
CPT file : CPT-16

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

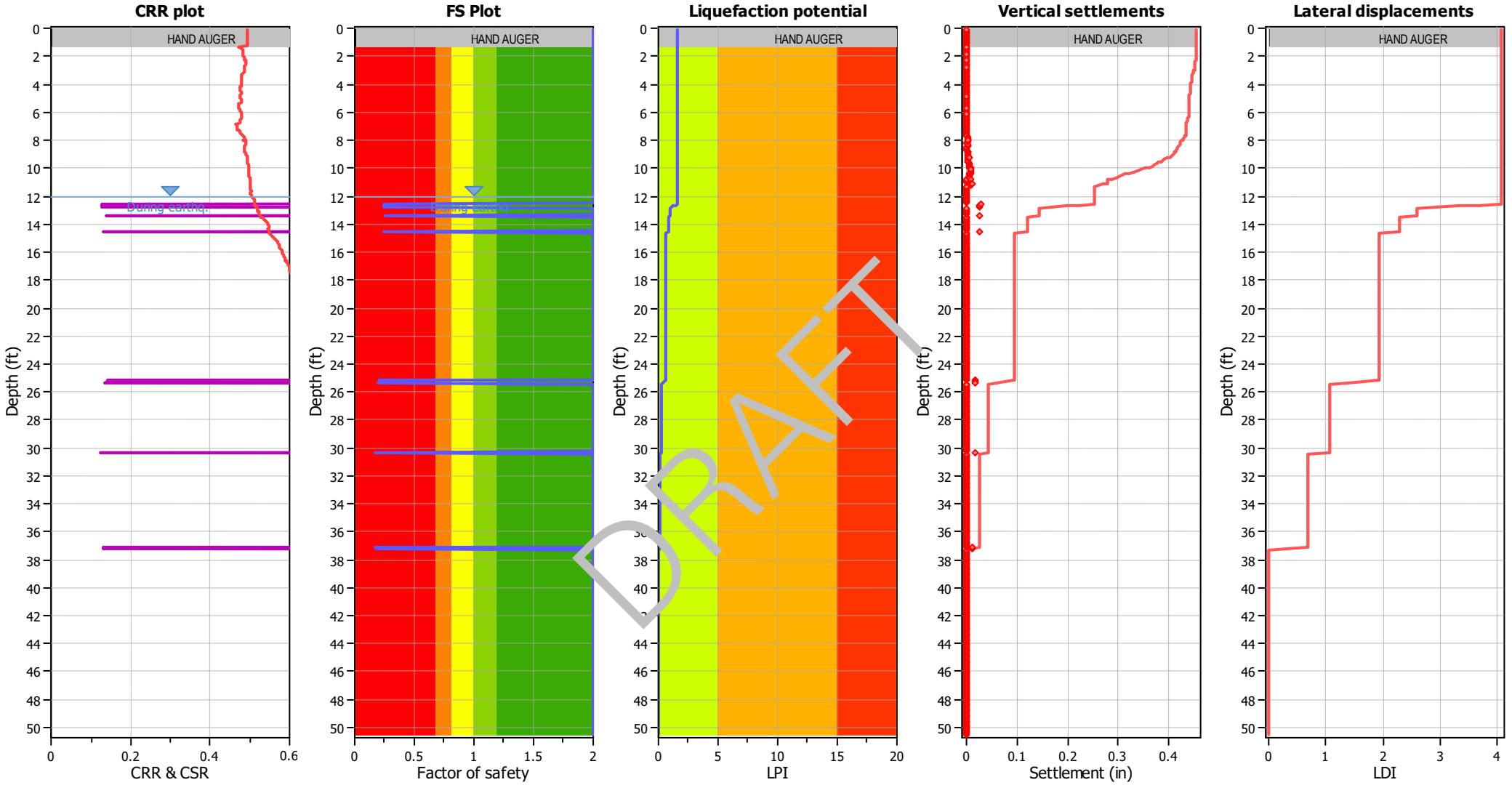






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-16, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.260	0.01
19	16	1.31	2.1	2.3	56.48	75.97	0	0	33	1	1	1	0	1	0	0.260	0.01
20	17	1.39	2.16	2.2	80.39	68.42	0	0	539	1	1	1	0	1	0	0.260	0.01
21	18	1.48	2.22	2.2	73.56	61.01	0	0	512	1	1	1	0	1	0	0.260	0.01
22	19	1.56	2.25	2.3	69.37	58.6	0	0	490	1	1	1	0	1	0	0.260	0.01
23	20	1.64	2.21	2.3	67.75	57.76	0	0	459	1	1	1	0	1	0	0.260	0.01
24	21	1.72	2.19	2.3	66.32	56.9	0	0	439	1	1	1	0	1	0	0.260	0.01
25	22	1.8	2.19	2.3	64.6	54.95	0	0	425	1	1	1	0	1	0	0.260	0.01
26	23	1.89	2.2	2.3	61.67	53.39	0	0	405	1	1	1	0	1	0	0.260	0.01
27	24	1.97	2.29	2.3	56.79	49.49	0	0	395	1	1	1	0	1	0	0.260	0.01
28	25	2.05	2.51	2.4	50.02	42.56	0	0	407	1	1	1	0	1	0	0.260	0.01
29	26	2.13	2.74	2.5	43.67	36.19	0	0	414	1	1	1	0	1	0	0.260	0.01
30	27	2.21	2.79	2.5	39.42	33.37	0	0	374	1	1	1	0	1	0	0.260	0.01
31	28	2.3	2.57	2.5	36.7	31.8	0	0	277	1	1	1	0	1	0	0.260	0.01
32	29	2.38	2.3	2.5	34.89	29.32	0	0	202	1	1	1	0	1	0	0.260	0.01
33	30	2.46	2.03	2.5	34.85	28.79	0	0	158	1	1	1	0	1	0	0.260	0.01
34	31	2.54	1.83	2.4	36.75	31.7	0	0	143	1	1	1	0	1	0	0.260	0.01
35	32	2.62	1.68	2.4	39.82	34.16	0	0	140	1	1	1	0	1	0	0.260	0.01
36	33	2.71	1.63	2.3	42.35	36.58	0	0	146	1	1	1	0	1	0	0.260	0.01
37	34	2.79	1.66	2.3	43.77	38.09	0	0	157	1	1	1	0	1	0	0.260	0.01
38	35	2.87	1.72	2.3	44.31	37.73	0	0	169	1	1	1	0	1	0	0.260	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.79	2.3	45.2	37.98	0	0	185	1	1	1	0	1	0	0.260	0.01
40	37	3.03	1.81	2.3	48.1	40.4	0	0	205	1	1	1	0	1	0	0.260	0.01
41	38	3.12	1.79	2.3	53.81	45.16	0	0	234	1	1	1	0	1	0	0.260	0.01
42	39	3.2	1.77	2.2	61.35	52.53	0	0	272	1	1	1	0	1	0	0.260	0.01
43	40	3.28	1.79	2.2	69.2	59.52	0	0	321	1	1	1	0	1	0	0.260	0.01
44	41	3.36	1.87	2.2	74.62	65.07	0	0	379	1	1	1	0	1	0	0.260	0.01
45	42	3.44	2.03	2.2	76.7	66.36	0	0	453	1	1	1	0	1	0	0.260	0.01
46	43	3.53	2.22	2.2	76.04	64.91	0	0	532	1	1	1	0	1	0	0.260	0.01
47	44	3.61	2.41	2.3	74.3	63.51	0	0	614	1	1	1	0	1	0	0.260	0.01
48	45	3.69	2.57	2.3	72.41	62.03	0	0	686	1	1	1	0	1	0	0.260	0.01
49	46	3.77	2.74	2.3	70.04	60.19	0	0	765	1	1	1	0	1	0	0.260	0.01
50	47	3.85	2.94	2.4	67.25	57.55	0	0	867	1	1	1	0	1	0	0.260	0.01
51	48	3.94	3.08	2.4	65.83	54.97	0	0	953	1	1	0	0	1	0	0.260	0.01
52	49	4.02	3.11	2.4	66.54	56.6	0	0	991	1	1	0	0	1	0	0.260	0.01
53	50	4.1	3.1	2.4	69.22	59.35	0	0	1031	1	1	0	0	1	0	0.260	0.01
54	51	4.18	3.06	2.4	72.63	61.8	0	0	1056	1	1	0	0	1	0	0.260	0.01
55	52	4.26	3.03	2.3	75.67	65.31	0	0	1081	1	1	0	0	1	0	0.260	0.01
56	53	4.35	3.02	2.3	76.26	67.14	0	0	[illegible]	1	1	0	0	1	0	0.260	0.01
57	54	4.43	3.1	2.4	72.91	63.36	0	0	1[illegible]98	1	1	0	0	1	0	0.260	0.01
58	55	4.51	3.23	2.4	68	56.8	0	0	11[illegible]8	1	1	0	0	1	0	0.260	0.01
59	56	4.59	3.29	2.4	64.77	54.64	0	0	1118	1	1	0	0	1	0	0.260	0.01
60	57	4.68	3.15	2.4	65.61	55.12	0	0	[illegible]08	1	1	0	0	1	0	0.260	0.01
61	58	4.76	2.97	2.4	68.29	58.95	0	0	906	1	1	1	0	1	0	0.260	0.01
62	59	4.84	2.88	2.3	69.47	61.47	0	0	856	1	1	1	0	1	0	0.260	0.01
63	60	4.92	2.91	2.3	69.24	58.16	0	0	875	1	1	1	0	1	0	0.260	0.01
64	61	5	3.11	2.4	64.81	58.38	0	0	959	1	1	0	0	1	0	0.260	0.01
65	62	5.09	3.33	2.4	61.08	50.19	0	0	1075	1	1	0	0	1	0	0.260	0.01
66	63	5.17	3.61	2.5	57.9	48.65	0	0	1272	1	1	0	0	1	0	0.260	0.01
67	64	5.25	3.65	2.5	59.45	50.27	0	0	1361	1	1	0	0	1	0	0.260	0.01
68	65	5.33	3.45	2.4	65.55	54.18	0	0	1299	1	1	0	0	1	0	0.260	0.01
69	66	5.41	3.19	2.4	74.83	64.22	0	0	1224	1	1	0	0	1	0	0.260	0.01
70	67	5.5	2.87	2.3	83.36	72.33	0	0	1055	1	1	1	0	1	0	0.260	0.01
71	68	5.58	2.59	2.2	88.22	73.88	0	0	882	1	1	1	0	1	0	0.260	0.01
72	69	5.66	2.42	2.2	86.62	74.19	0	0	743	1	1	1	0	1	0	0.260	0.01
73	70	5.74	2.41	2.2	81.25	68.13	0	0	683	1	1	1	0	1	0	0.260	0.01
74	71	5.82	2.56	2.3	73.26	61.15	0	0	690	1	1	1	0	1	0	0.260	0.01
75	72	5.91	2.73	2.3	65.5	55.46	0	0	699	1	1	1	0	1	0	0.260	0.01
76	73	5.99	2.92	2.4	60	49.71	0	0	739	1	1	1	0	1	0	0.260	0.01
77	74	6.07	3.12	2.4	56.75	47.75	0	0	818	1	1	0	0	1	0	0.260	0.01
78	75	6.15	3.26	2.4	56.19	47.2	0	0	911	1	1	0	0	1	0	0.260	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	3.31	2.4	57.1	47.56	0	0	970	1	1	0	0	1	0	0.260	0.01
80	77	6.32	3.3	2.4	58.89	48.94	0	0	1000	1	1	0	0	1	0	0.260	0.01
81	78	6.4	3.26	2.4	61.85	50.4	0	0	1029	1	1	0	0	1	0	0.260	0.01
82	79	6.48	3.18	2.4	64.22	53.25	0	0	1007	1	1	0	0	1	0	0.260	0.01
83	80	6.56	3.15	2.4	66.68	53.35	0	0	1028	1	1	0	0	1	0	0.260	0.01
84	81	6.64	3.08	2.4	70.72	54.97	0	0	1040	1	1	0	0	1	0	0.260	0.01
85	82	6.73	2.85	2.3	81.7	61.2	0	0	1013	1	1	1	0	1	0	0.260	0.01
86	83	6.81	2.6	2.2	95.22	75.33	0	0	973	1	1	1	0	1	0	0.260	0.01
87	84	6.89	2.57	2.2	100.68	82.51	0	0	1010	1	1	1	0	1	0	0.260	0.01
88	85	6.97	2.7	2.2	101.3	74.72	0	0	1140	1	1	1	0	1	0	0.260	0.01
89	86	7.05	2.94	2.3	97.22	75.97	0	0	1341	1	1	1	0	1	0	0.260	0.01
90	87	7.14	3.03	2.3	93.94	71.93	0	0	1393	1	1	0	0	1	0	0.260	0.01
91	88	7.22	3.16	2.3	87.38	67.18	0	0	1433	1	1	0	0	1	0	0.260	0.01
92	89	7.3	3.29	2.3	80.02	61.12	0	0	1444	1	1	0	0	1	0	0.260	0.01
93	90	7.38	3.5	2.4	72.23	55.25	0	0	1526	1	1	0	0	1	0	0.260	0.01
94	91	7.46	3.67	2.4	64.86	49	0	0	1543	1	1	0	0	1	0	0.260	0.01
95	92	7.55	3.75	2.5	58.57	44.7	0	0	1451	1	1	0	0	1	0	0.260	0.01
96	93	7.63	3.71	2.5	53.5	41.45	0	0	[illegible]	1	1	0	0	1	0	0.260	0.01
97	94	7.71	3.7	2.5	48.89	37.76	0	0	1[illegible]99	1	1	0	0	1	0	0.260	0.01
98	95	7.79	3.75	2.6	45.07	34.44	0	0	10[illegible]6	1	1	0	0	1	0	0.260	0.01
99	96	7.87	3.87	2.6	42.8	32.89	0	0	1054	1	1	0	0	1	0	0.260	0.01
100	97	7.96	3.53	2.5	45.38	32.52	0	0	[illegible]62	1	1	0	0	1	0	0.260	0.01
101	98	8.04	3.6	2.5	44.5	40.8	0	0	889	1	1	0	0	1	0	0.260	0.01
102	99	8.12	3.61	2.6	44.45	31.02	0	0	895	1	1	0	0	1	0	0.260	0.01
103	100	8.2	4.05	2.6	41.66	32.64	0	0	1177	1	0	0	0	1	0	0.260	0.01
104	101	8.28	3.78	2.6	44.49	33.67	0	0	1033	1	1	0	0	1	0	0.260	0.01
105	102	8.37	3.49	2.5	47.33	38.45	0	0	882	1	1	0	0	1	0	0.260	0.01
106	103	8.45	3.23	2.5	49.99	40.38	0	0	762	1	1	0	0	1	0	0.260	0.01
107	104	8.53	3.22	2.5	50.63	41.13	0	0	768	1	1	0	0	1	0	0.260	0.01
108	105	8.61	3.27	2.5	50.71	40.36	0	0	803	1	1	0	0	1	0	0.260	0.01
109	106	8.69	3.26	2.5	50.25	40.72	0	0	787	1	1	0	0	1	0	0.260	0.01
110	107	8.78	3.21	2.5	49.75	40.31	0	0	744	1	1	0	0	1	0	0.260	0.01
111	108	8.86	3.09	2.5	48.43	39.62	0	0	647	1	1	0	0	1	0	0.260	0.01
112	109	8.94	2.94	2.5	46	38.25	0	0	530	1	1	1	0	1	0	0.260	0.01
113	110	9.02	2.77	2.5	42.62	35.13	0	0	411	1	1	1	0	1	0	0.260	0.01
114	111	9.1	2.76	2.5	39.37	31.96	0	0	364	1	1	1	0	1	0	0.260	0.01
115	112	9.19	2.79	2.5	37.48	30.4	0	0	347	1	1	1	0	1	0	0.260	0.01
116	113	9.27	2.8	2.5	38.19	30.5	0	0	360	1	1	1	0	1	0	0.260	0.01
117	114	9.35	2.73	2.5	39.47	33.89	0	0	355	1	1	1	0	1	0	0.260	0.01
118	115	9.43	2.61	2.5	40.9	33.95	0	0	337	1	1	1	0	1	0	0.260	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	2.61	2.5	40.49	34.56	0	0	332	1	1	1	0	1	0	0.260	0.01
120	117	9.6	2.61	2.5	39.5	33.08	0	0	320	1	1	1	0	1	0	0.260	0.01
121	118	9.68	2.66	2.5	37.93	31.67	0	0	315	1	1	1	0	1	0	0.260	0.01
122	119	9.76	2.63	2.5	36.65	30.64	0	0	292	1	1	1	0	1	0	0.260	0.01
123	120	9.84	2.53	2.5	35.87	29.99	0	0	258	1	1	1	0	1	0	0.260	0.01
124	121	9.92	2.4	2.5	35.33	29.97	0	0	225	1	1	1	0	1	0	0.260	0.01
125	122	10.01	2.31	2.5	34.97	29.67	0	0	204	1	1	1	0	1	0	0.260	0.01
126	123	10.09	2.29	2.5	34.78	29.4	0	0	199	1	1	1	0	1	0	0.260	0.01
127	124	10.17	2.29	2.5	34.65	29.65	0	0	198	1	1	1	0	1	0	0.260	0.01
128	125	10.25	2.28	2.5	34.8	29.41	0	0	197	1	1	1	0	1	0	0.260	0.01
129	126	10.33	2.3	2.5	34.87	29.85	0	0	201	1	1	1	0	1	0	0.260	0.01
130	127	10.42	2.39	2.5	34.87	29.83	0	0	218	1	1	1	0	1	0	0.260	0.01
131	128	10.5	2.51	2.5	34.66	29.38	0	0	241	1	1	1	0	1	0	0.260	0.01
132	129	10.58	2.62	2.5	33.59	29.34	0	0	252	1	1	1	0	1	0	0.260	0.01
133	130	10.66	2.69	2.6	31.87	27.2	0	0	247	1	1	1	0	1	0	0.260	0.01
134	131	10.74	2.76	2.6	29.57	25.12	0	0	231	1	0	1	0	1	0	0.260	0.01
135	132	10.83	2.77	2.6	27.64	23.45	0	0	207	1	0	1	0	1	0	0.260	0.01
136	133	10.91	2.74	2.6	26.6	22.28	0	0	187	1	0	1	0	1	0	0.260	0.01
137	134	10.99	2.66	2.6	27.06	22.51	0	0	180	1	0	1	0	1	0	0.260	0.01
138	135	11.07	2.58	2.6	28.51	24.85	0	0	195	1	1	1	0	1	0	0.260	0.01
139	136	11.15	2.59	2.6	29.61	26.33	0	0	199	1	1	1	0	1	0	0.260	0.01
140	137	11.24	2.72	2.6	29.39	25.84	0	0	221	1	0	1	0	1	0	0.260	0.01
141	138	11.32	2.95	2.6	28.48	24.51	0	0	255	1	0	1	0	1	0	0.260	0.01
142	139	11.4	3.05	2.7	27.79	23.94	0	0	266	1	0	0	0	1	0	0.260	0.01
143	140	11.48	3.02	2.7	27.29	23.97	0	0	251	1	0	0	0	1	0	0.260	0.01
144	141	11.56	2.92	2.7	26.89	23.28	0	0	224	1	0	1	0	1	0	0.260	0.01
145	142	11.65	2.85	2.6	26.91	23.13	0	0	211	1	0	1	0	1	0	0.260	0.01
146	143	11.73	2.78	2.6	27.48	24.21	0	0	206	1	0	1	0	1	0	0.260	0.01
147	144	11.81	2.77	2.6	27.54	24.97	0	0	205	1	0	1	0	1	0	0.260	0.01
148	145	11.89	2.78	2.6	26.54	23.49	0	0	193	1	0	1	0	1	0	0.260	0.01
149	146	11.97	2.82	2.7	24.49	21.81	0	0	171	1	0	1	0	1	0	0.260	0.01
150	147	12.06	2.8	2.7	22.34	19.78	0	0	138	1	0	1	0	1	0	0.260	0.01
151	148	12.14	2.7	2.7	20.39	18.01	0	0	101	1	0	1	0	1	0	0.260	0.01
152	149	12.22	2.35	2.7	19.86	16.81	0	0	69	1	0	1	1	1	0	0.260	0.01
153	150	12.3	1.94	2.6	21.83	18.64	0	0	61	1	0	1	1	1	0	0.260	0.01
154	151	12.38	1.62	2.5	27.59	23.75	0	0	73	1	1	1	1	1	0	0.260	0.01
155	152	12.47	1.76	2.4	32.85	33.25	0	0	112	1	1	1	0	1	0	0.260	0.01
156	153	12.55	2.09	2.5	36.16	33.32	0.03	0.38	176	1	1	1	0	1	0	0.260	0.01
157	154	12.63	2.67	2.5	35.96	32.78	0.03	0.37	293	1	1	1	0	1	0	0.230	0.01
158	155	12.71	3.07	2.6	35.61	32.05	0.03	0.37	409	1	1	0	0	1	0	0.200	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	3.25	2.6	35.7	32.09	0.03	0.37	479	1	1	0	0	1	0	0.170	0.01
160	157	12.88	3.19	2.6	36.81	33.02	0	0	477	1	1	0	0	1	0	0.140	0.01
161	158	12.96	3.05	2.5	38.12	35.29	0	0	446	1	1	0	0	1	0	0.140	0.01
162	159	13.04	2.85	2.5	39.43	36.05	0	0	394	1	1	1	0	1	0	0.140	0.01
163	160	13.12	2.58	2.5	40.67	37.09	0	0	325	1	1	1	0	1	0	0.140	0.01
164	161	13.21	2.27	2.4	42.53	39.29	0	0	263	1	1	1	0	1	0	0.140	0.01
165	162	13.29	2.03	2.4	44.06	41.89	0	0	223	1	1	1	0	1	0	0.140	0.01
166	163	13.37	1.92	2.4	44.46	42.01	0.02	0.31	204	1	1	1	0	1	0	0.140	0.01
167	164	13.45	1.97	2.4	43.26	40.86	0	0	206	1	1	1	0	1	0	0.120	0.01
168	165	13.53	2.14	2.4	40.51	38.66	0	0	218	1	1	1	0	1	0	0.120	0.01
169	166	13.62	2.56	2.5	34.94	34.25	0	0	255	1	1	1	0	1	0	0.120	0.01
170	167	13.7	3.13	2.6	28.72	25.04	0	0	302	1	0	0	0	1	0	0.120	0.01
171	168	13.78	3.69	2.8	23.41	21.15	0	0	327	1	0	0	0	1	0	0.120	0.01
172	169	13.86	3.77	2.8	20.78	19.5	0	0	265	1	0	0	0	1	0	0.120	0.01
173	170	13.94	3.78	2.8	19.19	17.9	0	0	216	1	0	0	0	1	0	0.120	0.01
174	171	14.03	3.62	2.8	18.84	16.85	0	0	179	1	0	0	0	1	0	0.120	0.01
175	172	14.11	3.1	2.8	20.83	18.59	0	0	151	1	0	0	0	1	0	0.120	0.01
176	173	14.19	2.34	2.6	25.44	23.57	0	0	[illegible]	1	0	1	0	1	0	0.120	0.01
177	174	14.27	1.84	2.5	31.52	30.22	0	0	13	1	1	1	0	1	0	0.120	0.01
178	175	14.35	1.62	2.4	36.51	36.45	0	0	[illegible]	1	1	1	0	1	0	0.120	0.01
179	176	14.44	1.54	2.3	39.66	38.36	0	0	122	1	1	1	0	1	0	0.120	0.01
180	177	14.52	1.58	2.3	41.5	39.62	0.02	0.34	135	1	1	1	0	1	0	0.120	0.01
181	178	14.6	1.76	2.4	42.32	41.82	0	0	164	1	1	1	0	1	0	0.100	0.01
182	179	14.68	2.11	2.4	41.26	40.55	0	0	218	1	1	1	0	1	0	0.100	0.01
183	180	14.76	2.6	2.5	36.99	36.29	0	0	288	1	1	1	0	1	0	0.100	0.01
184	181	14.85	3.22	2.6	31.28	29.4	0	0	378	1	0	0	0	1	0	0.100	0.01
185	182	14.93	3.8	2.7	26.04	24.17	0	0	445	1	0	0	0	1	0	0.100	0.01
186	183	15.01	4.09	2.8	22.45	21.43	0	0	415	1	0	0	0	1	0	0.100	0.01
187	184	15.09	3.98	2.8	20.24	19.31	0	0	295	1	0	0	0	1	0	0.100	0.01
188	185	15.17	3.81	2.9	18.45	17.97	0	0	197	1	0	0	0	1	0	0.100	0.01
189	186	15.26	3.7	2.9	17.26	16.41	0	0	144	1	0	0	0	1	0	0.100	0.01
190	187	15.34	3.59	2.9	16.64	15.92	0	0	114	1	0	0	0	1	0	0.100	0.01
191	188	15.42	3.43	2.9	16.52	16.25	0	0	97	1	0	0	0	1	0	0.100	0.01
192	189	15.5	3.27	2.8	16.5	16.07	0	0	84	1	0	0	0	1	0	0.100	0.01
193	190	15.58	3.16	2.8	16.27	15.96	0	0	72	1	0	0	1	1	0	0.100	0.01
194	191	15.67	3.09	2.8	16.25	15.67	0	0	68	1	0	0	1	1	0	0.100	0.01
195	192	15.75	3	2.8	16.46	16.14	0	0	66	1	0	0	1	1	0	0.100	0.01
196	193	15.83	2.96	2.8	16.69	16.66	0	0	67	1	0	1	1	1	0	0.100	0.01
197	194	15.91	2.98	2.8	16.49	16.51	0	0	65	1	0	1	1	1	0	0.100	0.01
198	195	15.99	3.08	2.8	16.14	15.72	0	0	65	1	0	0	1	1	0	0.100	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	3.11	2.8	15.99	15.68	0	0	64	1	0	0	1	1	0	0.100	0.01
200	197	16.16	3.02	2.8	16.26	16.05	0	0	64	1	0	0	1	1	0	0.100	0.01
201	198	16.24	2.94	2.8	16.6	16.51	0	0	65	1	0	1	1	1	0	0.100	0.01
202	199	16.32	2.99	2.8	16.63	16.8	0	0	68	1	0	1	1	1	0	0.100	0.01
203	200	16.4	3.11	2.8	16.25	16.29	0	0	69	1	0	0	1	1	0	0.100	0.01
204	201	16.49	3.24	2.9	15.67	15.51	0	0	65	1	0	0	1	1	0	0.100	0.01
205	202	16.57	3.29	2.9	15.27	15.23	0	0	59	1	0	0	1	1	0	0.100	0.01
206	203	16.65	3.31	2.9	15.03	15.18	0	0	55	1	0	0	1	1	0	0.100	0.01
207	204	16.73	3.28	2.9	14.84	14.86	0	0	50	1	0	0	1	1	0	0.100	0.01
208	205	16.81	3.27	2.9	14.55	14.74	0	0	43	1	0	0	1	1	0	0.100	0.01
209	206	16.9	3.29	2.9	14.28	14.45	0	0	38	1	0	0	1	1	0	0.100	0.01
210	207	16.98	3.34	2.9	14.13	14.21	0	0	36	1	0	0	1	1	0	0.100	0.01
211	208	17.06	3.29	2.9	14.17	14.37	0	0	36	1	0	0	1	1	0	0.100	0.01
212	209	17.14	3.21	2.9	14.37	14.64	0	0	37	1	0	0	1	1	0	0.100	0.01
213	210	17.22	3.11	2.9	14.59	14.87	0	0	38	1	0	0	1	1	0	0.100	0.01
214	211	17.31	3.12	2.9	14.69	15.08	0	0	40	1	0	0	1	1	0	0.100	0.01
215	212	17.39	3.18	2.9	14.78	14.99	0	0	44	1	0	0	1	1	0	0.100	0.01
216	213	17.47	3.28	2.9	14.75	15.2	0	0	48	1	0	0	1	1	0	0.100	0.01
217	214	17.55	3.33	2.9	14.71	15.07	0	0	49	1	0	0	1	1	0	0.100	0.01
218	215	17.63	3.41	2.9	14.6	15.03	0	0	50	1	0	0	1	1	0	0.100	0.01
219	216	17.72	3.47	2.9	14.41	15.07	0	0	48	1	0	0	1	1	0	0.100	0.01
220	217	17.8	3.53	2.9	13.95	14.61	0	0	38	1	0	0	1	1	0	0.100	0.01
221	218	17.88	3.52	2.9	13.35	13.74	0	0	22	1	0	0	1	1	0	0.100	0.01
222	219	17.96	3.46	3.0	12.74	13.37	0	0	6	1	0	0	1	1	0	0.100	0.01
223	220	18.04	3.42	3.0	12.38	12.87	0	0	-3	1	0	0	1	1	0	0.100	0.01
224	221	18.13	3.42	3.0	12.15	12.72	0	0	-8	1	0	0	1	1	0	0.100	0.01
225	222	18.21	3.43	3.0	12.13	12.72	0	0	-9	1	0	0	1	1	0	0.100	0.01
226	223	18.29	3.48	3.0	12.15	12.85	0	0	-9	1	0	0	1	1	0	0.100	0.01
227	224	18.37	3.64	3.0	12.24	12.88	0	0	-7	1	0	0	1	1	0	0.100	0.01
228	225	18.45	3.76	3.0	12.34	13.08	0	0	-5	1	0	0	1	1	0	0.100	0.01
229	226	18.54	3.84	3.0	12.46	13.26	0	0	-1	1	0	0	1	1	0	0.100	0.01
230	227	18.62	3.72	3.0	12.44	13.32	0	0	-2	1	0	0	1	1	0	0.100	0.01
231	228	18.7	3.54	3.0	12.22	13.13	0	0	-7	1	0	0	1	1	0	0.100	0.01
232	229	18.78	3.31	3.0	11.91	12.69	0	0	-13	1	0	0	1	1	0	0.100	0.01
233	230	18.86	3.17	3.0	11.82	12.48	0	0	-13	1	0	0	1	1	0	0.100	0.01
234	231	18.95	3.15	2.9	12.35	12.89	0	0	-3	1	0	0	1	1	0	0.100	0.01
235	232	19.03	3.22	2.9	12.88	14.33	0	0	8	1	0	0	1	1	0	0.100	0.01
236	233	19.11	3.36	2.9	13.14	14.16	0	0	15	1	0	0	1	1	0	0.100	0.01
237	234	19.19	3.57	3.0	12.76	13.78	0	0	7	1	0	0	1	1	0	0.100	0.01
238	235	19.27	3.72	3.0	12.32	13.24	0	0	-6	1	0	0	1	1	0	0.100	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	3.74	3.0	11.97	12.79	0	0	-17	1	0	0	1	1	0	0.100	0.01
240	237	19.44	3.62	3.0	11.78	12.69	0	0	-20	1	0	0	1	1	0	0.100	0.01
241	238	19.52	3.46	3.0	11.59	12.64	0	0	-22	1	0	0	1	1	0	0.100	0.01
242	239	19.6	3.38	3.0	11.46	12.27	0	0	-24	1	0	0	1	1	0	0.100	0.01
243	240	19.68	3.45	3.0	11.29	12.35	0	0	-30	1	0	0	1	1	0	0.100	0.01
244	241	19.77	3.52	3.0	11.17	12.2	0	0	-35	1	0	0	1	1	0	0.100	0.01
245	242	19.85	3.56	3.0	10.87	11.98	0	0	-44	1	0	0	1	1	0	0.100	0.01
246	243	19.93	3.5	3.0	10.53	11.53	0	0	-50	1	0	0	1	1	0	0.100	0.01
247	244	20.01	3.47	3.0	10.14	11.17	0	0	-59	1	0	0	1	1	0	0.100	0.01
248	245	20.09	3.37	3.0	9.9	10.75	0	0	-60	1	0	0	1	1	0	0.100	0.01
249	246	20.18	3.19	3.0	9.74	10.76	0	0	-54	1	0	0	1	1	0	0.100	0.01
250	247	20.26	2.97	3.0	9.65	10.67	0	0	-46	1	0	1	1	1	0	0.100	0.01
251	248	20.34	2.86	3.0	9.51	10.58	0	0	-44	1	0	1	1	1	0	0.100	0.01
252	249	20.42	2.91	3.0	9.34	10.43	0	0	-49	1	0	1	1	1	0	0.100	0.01
253	250	20.5	2.98	3.0	9.22	10.21	0	0	-54	1	0	1	1	1	0	0.100	0.01
254	251	20.59	3.19	3.0	9.41	10.16	0	0	-61	1	0	0	1	1	0	0.100	0.01
255	252	20.67	3.34	3.0	10.17	11.03	0	0	-52	1	0	0	1	1	0	0.100	0.01
256	253	20.75	3.5	3.0	11.32	12.61	0	0	-30	1	0	0	1	1	0	0.100	0.01
257	254	20.83	3.61	3.0	12.33	13.96	0	0	-5	1	0	0	1	1	0	0.100	0.01
258	255	20.92	3.84	3.0	12.74	14.63	0	0	8	1	0	0	1	1	0	0.100	0.01
259	256	21	4.16	3.0	12.51	14.27	0	0	0	1	0	0	1	1	0	0.100	0.01
260	257	21.08	4.3	3.0	11.89	13.52	0	0	30	1	0	0	1	1	0	0.100	0.01
261	258	21.16	4.23	3.1	10.93	12.68	0	0	-73	1	0	0	1	1	0	0.100	0.01
262	259	21.24	3.9	3.1	9.9	11.29	0	0	-93	1	0	0	1	1	0	0.100	0.01
263	260	21.33	3.61	3.1	8.93	10.26	0	0	-100	1	0	0	1	1	0	0.100	0.01
264	261	21.41	3.3	3.1	8.24	9.46	0	0	-92	1	0	0	1	1	0	0.100	0.01
265	262	21.49	3.13	3.1	7.8	8.87	0	0	-88	1	0	0	1	1	0	0.100	0.01
266	263	21.57	2.96	3.1	7.68	8.72	0	0	-78	1	0	1	1	1	0	0.100	0.01
267	264	21.65	2.87	3.1	7.84	8.96	0	0	-69	1	0	1	1	1	0	0.100	0.01
268	265	21.74	2.82	3.1	8.05	9.35	0	0	-63	1	0	1	1	1	0	0.100	0.01
269	266	21.82	2.86	3.1	8.13	9.41	0	0	-65	1	0	1	1	1	0	0.100	0.01
270	267	21.9	2.81	3.1	8.01	9.29	0	0	-63	1	0	1	1	1	0	0.100	0.01
271	268	21.98	2.63	3.1	7.86	9.11	0	0	-56	1	0	1	1	1	0	0.100	0.01
272	269	22.06	2.3	3.0	7.74	9.01	0	0	-43	1	0	1	1	1	0	0.100	0.01
273	270	22.15	2.13	3.0	7.77	8.98	0	0	-37	1	0	1	1	1	0	0.100	0.01
274	271	22.23	2.14	3.0	8.02	9.16	0	0	-35	1	0	1	1	1	0	0.100	0.01
275	272	22.31	2.41	3.0	8.27	9.72	0	0	-42	1	0	1	1	1	0	0.100	0.01
276	273	22.39	2.68	3.0	8.47	9.71	0	0	-51	1	0	1	1	1	0	0.100	0.01
277	274	22.47	2.97	3.1	8.38	9.81	0	0	-67	1	0	1	1	1	0	0.100	0.01
278	275	22.56	3.16	3.1	8.29	9.55	0	0	-81	1	0	0	1	1	0	0.100	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	3.34	3.1	8.37	9.51	0	0	-92	1	0	0	1	1	0	0.100	0.01
280	277	22.72	3.43	3.1	8.84	10.15	0	0	-88	1	0	0	1	1	0	0.100	0.01
281	278	22.8	3.32	3.0	9.79	11.1	0	0	-59	1	0	0	1	1	0	0.100	0.01
282	279	22.88	3.21	3.0	10.46	12.72	0	0	-41	1	0	0	1	1	0	0.100	0.01
283	280	22.97	3.23	3.0	10.38	12.64	0	0	-43	1	0	0	1	1	0	0.100	0.01
284	281	23.05	3.38	3.0	9.6	11.17	0	0	-67	1	0	0	1	1	0	0.100	0.01
285	282	23.13	3.63	3.1	8.62	10.43	0	0	-111	1	0	0	1	1	0	0.100	0.01
286	283	23.21	3.74	3.1	8	9.44	0	0	-141	1	0	0	1	1	0	0.100	0.01
287	284	23.29	3.81	3.1	7.8	9.06	0	0	-156	1	0	0	1	1	0	0.100	0.01
288	285	23.38	3.42	3.1	8.87	9.7	0	0	-87	1	0	0	1	1	0	0.100	0.01
289	286	23.46	2.9	2.9	11.83	12.88	0	0	-10	1	0	1	1	1	0	0.100	0.01
290	287	23.54	2.79	2.8	15.37	18.99	0	0	40	1	0	1	1	1	0	0.100	0.01
291	288	23.62	3.1	2.8	17.92	21.91	0	0	99	1	0	0	0	1	0	0.100	0.01
292	289	23.7	3.64	2.8	18.14	21.87	0	0	162	1	0	0	0	1	0	0.100	0.01
293	290	23.79	4.14	2.9	16.86	20.43	0	0	189	1	0	0	0	1	0	0.100	0.01
294	291	23.87	4.6	3.0	15.28	17.75	0	0	175	1	0	0	0	1	0	0.100	0.01
295	292	23.95	4.97	3.0	14.34	16.56	0	0	155	1	0	0	0	1	0	0.100	0.01
296	293	24.03	4.69	3.0	15.85	17.23	0	0	[illegible]	1	0	0	0	1	0	0.100	0.01
297	294	24.11	3.79	2.8	20.16	22.92	0	0	49	1	0	0	0	1	0	0.100	0.01
298	295	24.2	2.95	2.7	26.44	31.33	0	0	2[illegible]3	1	0	1	0	1	0	0.100	0.01
299	296	24.28	2.43	2.5	32.48	37.65	0	0	202	1	1	1	0	1	0	0.100	0.01
300	297	24.36	2.23	2.5	36.08	42.46	0	0	199	1	1	1	0	1	0	0.100	0.01
301	298	24.44	2.24	2.5	37.14	43.03	0	0	210	1	1	1	0	1	0	0.100	0.01
302	299	24.52	2.44	2.5	35.88	41.35	0	0	239	1	1	1	0	1	0	0.100	0.01
303	300	24.61	2.8	2.6	33.18	38.82	0	0	290	1	1	1	0	1	0	0.100	0.01
304	301	24.69	3.33	2.6	30.2	34.81	0	0	392	1	0	0	0	1	0	0.100	0.01
305	302	24.77	3.78	2.7	28.62	32.18	0	0	521	1	0	0	0	1	0	0.100	0.01
306	303	24.85	4.05	2.7	28.67	34.09	0	0	653	1	0	0	0	1	0	0.100	0.01
307	304	24.93	3.99	2.7	30.36	35.39	0	0	686	1	0	0	0	1	0	0.100	0.01
308	305	25.02	3.87	2.7	32.27	38.04	0	0	688	1	0	0	0	1	0	0.100	0.01
309	306	25.1	3.62	2.6	34.21	40.68	0	0	613	1	0	0	0	1	0	0.100	0.01
310	307	25.18	3.25	2.6	35.35	41.83	0.02	0.27	472	1	1	0	0	1	0	0.100	0.01
311	308	25.26	2.8	2.6	34.99	41.56	0.02	0.28	315	1	1	1	0	1	0	0.080	0.01
312	309	25.34	2.26	2.5	33.52	38.91	0.02	0.31	183	1	1	1	0	1	0	0.060	0.01
313	310	25.43	1.97	2.5	31.1	36.06	0	0	124	1	1	1	0	1	0	0.040	0.01
314	311	25.51	2.04	2.5	28.27	33.04	0	0	112	1	1	1	0	1	0	0.040	0.01
315	312	25.59	2.46	2.6	25.18	29.72	0	0	132	1	0	1	0	1	0	0.040	0.01
316	313	25.67	2.98	2.7	21.89	26.44	0	0	154	1	0	1	0	1	0	0.040	0.01
317	314	25.75	3.52	2.8	17.95	22.61	0	0	142	1	0	0	0	1	0	0.040	0.01
318	315	25.84	4.17	3.0	14.21	16.88	0	0	76	1	0	0	1	1	0	0.040	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	4.94	3.1	11.17	13.3	0	0	-110	1	0	0	1	1	0	0.040	0.01
320	317	26	5.29	3.2	9.39	11.88	0	0	-337	1	0	0	1	1	0	0.040	0.01
321	318	26.08	5.14	3.2	8.71	10.55	0	0	-366	1	0	0	1	1	0	0.040	0.01
322	319	26.16	4.72	3.2	8.66	10.77	0	0	-266	1	0	0	1	1	0	0.040	0.01
323	320	26.25	4.52	3.1	9.01	11.6	0	0	-206	1	0	0	1	1	0	0.040	0.01
324	321	26.33	4.72	3.2	9.05	11.73	0	0	-239	1	0	0	1	1	0	0.040	0.01
325	322	26.41	5.04	3.2	8.75	10.94	0	0	-335	1	0	0	1	1	0	0.040	0.01
326	323	26.49	5.5	3.2	8.21	10.62	0	0	-547	1	0	0	1	1	0	0.040	0.01
327	324	26.57	5.65	3.2	7.9	9.92	0	0	-658	1	0	0	1	1	0	0.040	0.01
328	325	26.66	5.92	3.3	7.79	9.85	0	0	-826	1	0	0	1	1	0	0.040	0.01
329	326	26.74	6.16	3.3	8.24	10.19	0	0	-894	1	0	0	1	1	0	0.040	0.01
330	327	26.82	6.22	3.2	9.22	11.44	0	0	-720	1	0	0	1	1	0	0.040	0.01
331	328	26.9	5.83	3.1	10.83	13.27	0	0	-274	1	0	0	1	1	0	0.040	0.01
332	329	26.98	5.55	3.1	12.06	15.92	0	0	-58	1	0	0	1	1	0	0.040	0.01
333	330	27.07	5.72	3.1	12.29	16.01	0	0	-32	1	0	0	1	1	0	0.040	0.01
334	331	27.15	6.25	3.1	11.46	14.38	0	0	-233	1	0	0	1	1	0	0.040	0.01
335	332	27.23	6.76	3.2	10.37	13.19	0	0	-695	1	0	0	1	1	0	0.040	0.01
336	333	27.31	6.82	3.2	9.92	12.19	0	0	-79	1	0	0	1	1	0	0.040	0.01
337	334	27.39	6.42	3.2	10.35	12.79	0	0	-47	1	0	0	1	1	0	0.040	0.01
338	335	27.48	5.9	3.1	11.13	14.67	0	0	-27	1	0	0	1	1	0	0.040	0.01
339	336	27.56	5.84	3.1	11.27	14.96	0	0	-203	1	0	0	1	1	0	0.040	0.01
340	337	27.64	6.2	3.2	10.56	13.32	0	0	-120	1	0	0	1	1	0	0.040	0.01
341	338	27.72	6.5	3.2	10.08	12.24	0	0	-653	1	0	0	1	1	0	0.040	0.01
342	339	27.8	6.13	3.2	10.65	13.32	0	0	-380	1	0	0	1	1	0	0.040	0.01
343	340	27.89	5.65	3.1	11.85	15.37	0	0	-93	1	0	0	1	1	0	0.040	0.01
344	341	27.97	5.5	3.1	12.74	16.56	0	0	31	1	0	0	1	1	0	0.040	0.01
345	342	28.05	5.61	3.1	12.97	16.59	0	0	65	1	0	0	1	1	0	0.040	0.01
346	343	28.13	5.88	3.1	12.56	16.27	0	0	10	1	0	0	1	1	0	0.040	0.01
347	344	28.21	6.26	3.1	12.14	15.17	0	0	-81	1	0	0	1	1	0	0.040	0.01
348	345	28.3	6.44	3.1	12.43	15.11	0	0	-18	1	0	0	1	1	0	0.040	0.01
349	346	28.38	5.67	3.0	14.31	17.36	0	0	263	1	0	0	0	1	0	0.040	0.01
350	347	28.46	4.37	2.9	18.12	21.96	0	0	294	1	0	0	0	1	0	0.040	0.01
351	348	28.54	3.29	2.7	22.91	29.03	0	0	223	1	0	0	0	1	0	0.040	0.01
352	349	28.63	2.67	2.6	27.4	33.85	0	0	186	1	0	1	0	1	0	0.040	0.01
353	350	28.71	2.29	2.5	30.55	36.75	0	0	161	1	1	1	0	1	0	0.040	0.01
354	351	28.79	2.09	2.5	32.86	39.23	0	0	152	1	1	1	0	1	0	0.040	0.01
355	352	28.87	2	2.5	34.45	41.34	0	0	151	1	1	1	0	1	0	0.040	0.01
356	353	28.95	1.81	2.4	35.56	41.94	0	0	133	1	1	1	0	1	0	0.040	0.01
357	354	29.04	1.49	2.4	35.44	42.49	0	0	98	1	1	1	0	1	0	0.040	0.01
358	355	29.12	1.09	2.3	34.29	39.94	0	0	64	1	1	1	1	1	0	0.040	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	0.83	2.3	32	36.69	0	0	45	1	1	1	1	1	0	0.040	0.01
360	357	29.28	0.82	2.3	28.32	33.85	0	0	36	1	1	1	1	1	0	0.040	0.01
361	358	29.36	1.05	2.4	24.61	27.96	0	0	34	1	1	1	1	1	0	0.040	0.01
362	359	29.45	1.58	2.6	20.96	25.42	0	0	39	1	1	1	1	1	0	0.040	0.01
363	360	29.53	2.36	2.7	18.59	22.98	0	0	58	1	0	1	1	1	0	0.040	0.01
364	361	29.61	3.31	2.8	16.69	21.12	0	0	91	1	0	0	0	1	0	0.040	0.01
365	362	29.69	4.09	2.9	15.46	19.64	0	0	123	1	0	0	0	1	0	0.040	0.01
366	363	29.77	4.73	3.0	14.27	18.56	0	0	124	1	0	0	0	1	0	0.040	0.01
367	364	29.86	5.35	3.1	12.75	16.82	0	0	28	1	0	0	1	1	0	0.040	0.01
368	365	29.94	6.04	3.1	11.14	14.11	0	0	-261	1	0	0	1	1	0	0.040	0.01
369	366	30.02	5.51	3.1	11.13	12.72	0	0	-176	1	0	0	1	1	0	0.040	0.01
370	367	30.1	3.77	2.9	13.94	16.79	0	0	46	1	0	0	1	1	0	0.040	0.01
371	368	30.18	2.52	2.7	18.72	24.43	0	0	68	1	0	1	1	1	0	0.040	0.01
372	369	30.27	2.05	2.6	22.79	29.42	0	0	74	1	0	1	1	1	0	0.040	0.01
373	370	30.35	2.11	2.6	24.03	30.19	0.02	0.39	87	1	0	1	0	1	0	0.040	0.01
374	371	30.43	2.35	2.7	22.49	28.84	0	0	94	1	0	1	0	1	0	0.020	0.01
375	372	30.51	2.93	2.8	18.99	24.6	0	0	102	1	0	1	0	1	0	0.020	0.01
376	373	30.59	3.94	2.9	14.93	18.84	0	0	90	1	0	0	0	1	0	0.020	0.01
377	374	30.68	5.23	3.1	11.69	14.48	0	0	84	1	0	0	1	1	0	0.020	0.01
378	375	30.76	6.25	3.2	9.41	12.72	0	0	-6[illegible]4	1	0	0	1	1	0	0.020	0.01
379	376	30.84	6.43	3.3	7.88	10.5	0	0	-1185	1	0	0	1	1	0	0.020	0.01
380	377	30.92	6.42	3.3	6.78	8.92	0	0	-[illegible]156	1	0	0	1	1	0	0.020	0.01
381	378	31	5.72	3.3	6.82	8.7	0	0	-857	1	0	0	1	1	0	0.020	0.01
382	379	31.09	4.97	3.2	7.68	10.64	0	0	-407	1	0	0	1	1	0	0.020	0.01
383	380	31.17	4.51	3.2	8.63	12.04	0	0	-227	1	0	0	1	1	0	0.020	0.01
384	381	31.25	4.6	3.2	8.68	12.16	0	0	-241	1	0	0	1	1	0	0.020	0.01
385	382	31.33	5.34	3.2	7.99	10.86	0	0	-508	1	0	0	1	1	0	0.020	0.01
386	383	31.41	6.12	3.3	7.15	9.56	0	0	-1090	1	0	0	1	1	0	0.020	0.01
387	384	31.5	6.32	3.3	6.66	9.11	0	0	-1381	1	0	0	1	1	0	0.020	0.01
388	385	31.58	5.76	3.3	6.51	9.07	0	0	-931	1	0	0	1	1	0	0.020	0.01
389	386	31.66	5.13	3.3	6.41	9.04	0	0	-583	1	0	0	1	1	0	0.020	0.01
390	387	31.74	4.71	3.3	6.25	8.75	0	0	-430	1	0	0	1	1	0	0.020	0.01
391	388	31.82	4.49	3.3	5.99	8.46	0	0	-376	1	0	0	1	1	0	0.020	0.01
392	389	31.91	4.32	3.3	5.74	8.12	0	0	-340	1	0	0	1	1	0	0.020	0.01
393	390	31.99	4.21	3.3	5.53	7.84	0	0	-321	1	0	0	1	1	0	0.020	0.01
394	391	32.07	4.22	3.3	5.42	7.74	0	0	-328	1	0	0	1	1	0	0.020	0.01
395	392	32.15	4.34	3.3	5.37	7.71	0	0	-365	1	0	0	1	1	0	0.020	0.01
396	393	32.23	4.52	3.3	5.39	7.66	0	0	-420	1	0	0	1	1	0	0.020	0.01
397	394	32.32	4.67	3.3	5.41	7.77	0	0	-472	1	0	0	1	1	0	0.020	0.01
398	395	32.4	4.8	3.3	5.43	7.82	0	0	-522	1	0	0	1	1	0	0.020	0.01

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	4.89	3.3	5.41	7.72	0	0	-562	1	0	0	1	1	0	0.020	0.01
400	397	32.56	4.98	3.4	5.34	7.71	0	0	-610	1	0	0	1	1	0	0.020	0.01
401	398	32.64	5.1	3.4	5.3	7.59	0	0	-674	1	0	0	1	1	0	0.020	0.01
402	399	32.73	5.23	3.4	5.26	7.57	0	0	-749	1	0	0	1	1	0	0.020	0.01
403	400	32.81	5.33	3.4	5.26	7.58	0	0	-810	1	0	0	1	1	0	0.020	0.01
404	401	32.89	5.51	3.4	5.22	7.59	0	0	-935	1	0	0	1	1	0	0.020	0.01
405	402	32.97	5.72	3.4	5.14	7.46	0	0	-1110	1	0	0	1	1	0	0.020	0.01
406	403	33.05	5.92	3.4	5.07	7.31	0	0	-1303	1	0	0	1	1	0	0.020	0.01
407	404	33.14	5.97	3.4	5.05	7.32	0	0	-1357	1	0	0	1	1	0	0.020	0.01
408	405	33.22	5.98	3.4	5.1	7.42	0	0	-1358	1	0	0	1	1	0	0.020	0.01
409	406	33.3	5.92	3.4	5.19	7.51	0	0	-1282	1	0	0	1	1	0	0.020	0.01
410	407	33.38	5.78	3.4	5.32	7.66	0	0	-1133	1	0	0	1	1	0	0.020	0.01
411	408	33.46	5.64	3.4	5.43	7.91	0	0	-1003	1	0	0	1	1	0	0.020	0.01
412	409	33.55	5.77	3.4	5.44	7.93	0	0	-1106	1	0	0	1	1	0	0.020	0.01
413	410	33.63	5.94	3.4	5.39	7.72	0	0	-1266	1	0	0	1	1	0	0.020	0.01
414	411	33.71	5.98	3.4	5.37	7.73	0	0	-1308	1	0	0	1	1	0	0.020	0.01
415	412	33.79	5.49	3.4	5.63	7.89	0	0	-869	1	0	0	1	1	0	0.020	0.01
416	413	33.87	4.89	3.3	6.15	8.69	0	0	-[illegible]04	1	0	0	1	1	0	0.020	0.01
417	414	33.96	4.65	3.3	6.56	9.64	0	0	-[illegible]90	1	0	0	1	1	0	0.020	0.01
418	415	34.04	4.88	3.3	6.46	9.43	0	0	-4[illegible]5	1	0	0	1	1	0	0.020	0.01
419	416	34.12	5.5	3.3	5.93	8.35	0	0	-83[illegible]	1	0	0	1	1	0	0.020	0.01
420	417	34.2	6.14	3.4	5.45	7.71	0	0	-[illegible]58	1	0	0	1	1	0	0.020	0.01
421	418	34.28	6.18	3.4	5.44	7.67	0	0	-1504	1	0	0	1	1	0	0.020	0.01
422	419	34.37	5.82	3.4	5.67	8.25	0	0	-1111	1	0	0	1	1	0	0.020	0.01
423	420	34.45	5.44	3.3	5.9	8.51	0	0	-804	1	0	0	1	1	0	0.020	0.01
424	421	34.53	5.51	3.3	5.93	8.51	0	0	-844	1	0	0	1	1	0	0.020	0.01
425	422	34.61	5.8	3.4	5.86	8.38	0	0	-1064	1	0	0	1	1	0	0.020	0.01
426	423	34.69	5.99	3.4	5.72	8.28	0	0	-1254	1	0	0	1	1	0	0.020	0.01
427	424	34.78	5.85	3.4	5.54	7.99	0	0	-1158	1	0	0	1	1	0	0.020	0.01
428	425	34.86	5.6	3.4	5.35	7.74	0	0	-984	1	0	0	1	1	0	0.020	0.01
429	426	34.94	5.35	3.4	5.27	7.62	0	0	-821	1	0	0	1	1	0	0.020	0.01
430	427	35.02	5.21	3.4	5.31	7.71	0	0	-733	1	0	0	1	1	0	0.020	0.01
431	428	35.1	5.04	3.3	5.42	7.88	0	0	-632	1	0	0	1	1	0	0.020	0.01
432	429	35.19	4.88	3.3	5.54	8.02	0	0	-548	1	0	0	1	1	0	0.020	0.01
433	430	35.27	4.75	3.3	5.59	8.12	0	0	-491	1	0	0	1	1	0	0.020	0.01
434	431	35.35	4.8	3.3	5.58	8.07	0	0	-511	1	0	0	1	1	0	0.020	0.01
435	432	35.43	4.91	3.3	5.53	7.99	0	0	-562	1	0	0	1	1	0	0.020	0.01
436	433	35.51	4.97	3.3	5.44	7.97	0	0	-597	1	0	0	1	1	0	0.020	0.01
437	434	35.6	4.81	3.3	5.32	7.78	0	0	-535	1	0	0	1	1	0	0.020	0.01
438	435	35.68	4.5	3.3	5.17	7.56	0	0	-426	1	0	0	1	1	0	0.020	0.01

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	4.1	3.3	5.04	7.41	0	0	-314	1	0	0	1	1	0	0.020	0.01
440	437	35.84	3.81	3.3	4.93	7.25	0	0	-251	1	0	0	1	1	0	0.020	0.01
441	438	35.92	3.61	3.3	4.85	7.13	0	0	-214	1	0	0	1	1	0	0.020	0.01
442	439	36.01	3.65	3.3	4.8	7.06	0	0	-223	1	0	0	1	1	0	0.020	0.01
443	440	36.09	3.84	3.3	4.81	7.01	0	0	-261	1	0	0	1	1	0	0.020	0.01
444	441	36.17	4.06	3.3	4.92	7.07	0	0	-308	1	0	0	1	1	0	0.020	0.01
445	442	36.25	4.23	3.3	5.08	7.35	0	0	-347	1	0	0	1	1	0	0.020	0.01
446	443	36.33	4.28	3.3	5.32	7.52	0	0	-350	1	0	0	1	1	0	0.020	0.01
447	444	36.42	4.43	3.3	5.5	7.9	0	0	-385	1	0	0	1	1	0	0.020	0.01
448	445	36.5	4.57	3.3	5.62	7.99	0	0	-423	1	0	0	1	1	0	0.020	0.01
449	446	36.58	4.7	3.3	5.56	7.97	0	0	-474	1	0	0	1	1	0	0.020	0.01
450	447	36.66	4.93	3.3	5.43	7.75	0	0	-579	1	0	0	1	1	0	0.020	0.01
451	448	36.74	5.17	3.4	5.43	7.58	0	0	-698	1	0	0	1	1	0	0.020	0.01
452	449	36.83	5.25	3.3	5.84	7.99	0	0	-700	1	0	0	1	1	0	0.020	0.01
453	450	36.91	3.88	3.1	8.28	9.24	0	0	-148	1	0	0	1	1	0	0.020	0.01
454	451	36.99	2.53	2.9	13.25	16.58	0	0	8	1	0	1	1	1	0	0.020	0.01
455	452	37.07	1.9	2.6	20.18	27.25	0	0	48	1	0	1	1	1	0	0.020	0.01
456	453	37.16	1.83	2.5	25.26	34.17	0.01	0.35	75	1	1	1	1	1	0.01	0.020	0.01
457	454	37.24	2.15	2.6	26.84	34.97	0.01	0.34	13	1	1	1	0	1	0	0.010	0
458	455	37.32	2.62	2.6	25.52	34.03	0	0	1[illegible]6	1	0	1	0	1	0	0.000	0
459	456	37.4	3.26	2.7	22.21	30.59	0	0	202	1	0	0	0	1	0	0.000	0
460	457	37.48	3.99	2.9	18.24	24.1	0	0	221	1	0	0	0	1	0	0.000	0
461	458	37.57	5.04	3.0	14.13	19.43	0	0	145	1	0	0	0	1	0	0.000	0
462	459	37.65	6.16	3.2	10.62	14.52	0	0	-395	1	0	0	1	1	0	0.000	0
463	460	37.73	7.28	3.3	7.77	10.55	0	0	-2242	1	0	0	1	1	0	0.000	0
464	461	37.81	7.49	3.4	6	8.5	0	0	-3574	1	0	0	1	1	0	0.000	0
465	462	37.89	6.58	3.4	5.14	7.76	0	0	-2107	1	0	0	1	1	0	0.000	0
466	463	37.98	5.25	3.4	4.78	7.25	0	0	-812	1	0	0	1	1	0	0.000	0
467	464	38.06	4.16	3.4	4.6	7.1	0	0	-349	1	0	0	1	1	0	0.000	0
468	465	38.14	3.61	3.3	4.54	6.99	0	0	-223	1	0	0	1	1	0	0.000	0
469	466	38.22	3.27	3.3	4.54	6.91	0	0	-167	1	0	0	1	1	0	0.000	0
470	467	38.3	3.2	3.3	4.52	7	0	0	-158	1	0	0	1	1	0	0.000	0
471	468	38.39	3.24	3.3	4.46	6.78	0	0	-165	1	0	0	1	1	0	0.000	0
472	469	38.47	3.3	3.3	4.36	6.53	0	0	-176	1	0	0	1	1	0	0.000	0
473	470	38.55	3.25	3.3	4.29	6.44	0	0	-170	1	0	0	1	1	0	0.000	0
474	471	38.63	3.38	3.3	4.24	6.4	0	0	-191	1	0	0	1	1	0	0.000	0
475	472	38.71	3.59	3.4	4.2	6.29	0	0	-229	1	0	0	1	1	0	0.000	0
476	473	38.8	3.89	3.4	4.16	6.24	0	0	-295	1	0	0	1	1	0	0.000	0
477	474	38.88	4.07	3.4	4.12	6.21	0	0	-344	1	0	0	1	1	0	0.000	0
478	475	38.96	4.16	3.4	4.03	6.09	0	0	-374	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	4.12	3.4	3.89	5.91	0	0	-368	1	0	0	1	1	0	0.000	0
480	477	39.12	3.92	3.4	3.77	5.71	0	0	-317	1	0	0	1	1	0	0.000	0
481	478	39.21	3.56	3.4	3.7	5.6	0	0	-236	1	0	0	1	1	0	0.000	0
482	479	39.29	3.14	3.4	3.69	5.61	0	0	-166	1	0	0	1	1	0	0.000	0
483	480	39.37	2.74	3.3	3.71	5.61	0	0	-117	1	0	1	1	1	0	0.000	0
484	481	39.45	2.55	3.3	3.71	5.59	0	0	-99	1	0	1	1	1	0	0.000	0
485	482	39.53	2.57	3.3	3.74	5.54	0	0	-100	1	0	1	1	1	0	0.000	0
486	483	39.62	2.72	3.3	3.81	5.64	0	0	-114	1	0	1	1	1	0	0.000	0
487	484	39.7	2.88	3.3	3.91	5.77	0	0	-129	1	0	1	1	1	0	0.000	0
488	485	39.78	3.03	3.3	4.01	5.87	0	0	-145	1	0	0	1	1	0	0.000	0
489	486	39.86	3.2	3.3	4.06	5.98	0	0	-167	1	0	0	1	1	0	0.000	0
490	487	39.94	3.45	3.4	4.06	5.98	0	0	-207	1	0	0	1	1	0	0.000	0
491	488	40.03	3.59	3.4	4.03	5.94	0	0	-233	1	0	0	1	1	0	0.000	0
492	489	40.11	3.58	3.4	4.12	5.92	0	0	-229	1	0	0	1	1	0	0.000	0
493	490	40.19	3.43	3.3	4.48	6.35	0	0	-193	1	0	0	1	1	0	0.000	0
494	491	40.27	3.15	3.3	4.9	7.23	0	0	-144	1	0	0	1	1	0	0.000	0
495	492	40.35	2.97	3.2	5.04	7.54	0	0	-121	1	0	1	1	1	0	0.000	0
496	493	40.44	2.87	3.3	4.83	7.08	0	0	-114	1	0	1	1	1	0	0.000	0
497	494	40.52	3.07	3.3	4.49	6.72	0	0	-142	1	0	0	1	1	0	0.000	0
498	495	40.6	3.23	3.3	4.34	6.39	0	0	-136	1	0	0	1	1	0	0.000	0
499	496	40.68	3.21	3.3	4.37	6.43	0	0	-162	1	0	0	1	1	0	0.000	0
500	497	40.76	3.11	3.3	4.49	6.61	0	0	-147	1	0	0	1	1	0	0.000	0
501	498	40.85	3.03	3.3	4.59	6.71	0	0	-135	1	0	0	1	1	0	0.000	0
502	499	40.93	2.96	3.3	4.71	6.78	0	0	-125	1	0	1	1	1	0	0.000	0
503	500	41.01	2.8	3.2	4.88	7.02	0	0	-107	1	0	1	1	1	0	0.000	0
504	501	41.09	2.64	3.2	5.08	7.33	0	0	-90	1	0	1	1	1	0	0.000	0
505	502	41.17	2.61	3.2	5.19	7.55	0	0	-87	1	0	1	1	1	0	0.000	0
506	503	41.26	2.69	3.2	5.2	7.5	0	0	-93	1	0	1	1	1	0	0.000	0
507	504	41.34	2.73	3.2	5.15	7.46	0	0	-97	1	0	1	1	1	0	0.000	0
508	505	41.42	2.67	3.2	5.23	7.38	0	0	-91	1	0	1	1	1	0	0.000	0
509	506	41.5	2.54	3.2	5.4	7.74	0	0	-79	1	0	1	1	1	0	0.000	0
510	507	41.58	2.89	3.2	5.66	8.05	0	0	-104	1	0	1	1	1	0	0.000	0
511	508	41.67	3.58	3.2	5.97	8.31	0	0	-178	1	0	0	1	1	0	0.000	0
512	509	41.75	4.08	3.2	6.88	8.92	0	0	-233	1	0	0	1	1	0	0.000	0
513	510	41.83	4.22	3.1	8.57	11.5	0	0	-182	1	0	0	1	1	0	0.000	0
514	511	41.91	4.14	3.0	11.16	14.87	0	0	-58	1	0	0	1	1	0	0.000	0
515	512	41.99	3.86	2.9	14.24	19.65	0	0	60	1	0	0	1	1	0	0.000	0
516	513	42.08	3.71	2.9	16.45	24.69	0	0	120	1	0	0	0	1	0	0.000	0
517	514	42.16	3.7	2.9	17.15	24.62	0	0	140	1	0	0	0	1	0	0.000	0
518	515	42.24	4.15	2.9	15.64	22.8	0	0	138	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	4.71	3.0	13.31	18.67	0	0	56	1	0	0	1	1	0	0.000	0
520	517	42.4	5.35	3.1	10.77	15.27	0	0	-197	1	0	0	1	1	0	0.000	0
521	518	42.49	5.84	3.2	8.96	12.66	0	0	-585	1	0	0	1	1	0	0.000	0
522	519	42.57	6.21	3.3	7.86	11.5	0	0	-1011	1	0	0	1	1	0	0.000	0
523	520	42.65	5.97	3.3	7.26	10.94	0	0	-954	1	0	0	1	1	0	0.000	0
524	521	42.73	5.2	3.3	6.7	10.29	0	0	-587	1	0	0	1	1	0	0.000	0
525	522	42.81	4.44	3.3	5.9	9.29	0	0	-366	1	0	0	1	1	0	0.000	0
526	523	42.9	4.25	3.3	5.01	7.82	0	0	-356	1	0	0	1	1	0	0.000	0
527	524	42.98	4.73	3.4	4.16	6.81	0	0	-583	1	0	0	1	1	0	0.000	0
528	525	43.06	5.2	3.5	3.62	6	0	0	-898	1	0	0	1	1	0	0.000	0
529	526	43.14	5.36	3.5	3.37	5.69	0	0	-1045	1	0	0	1	1	0	0.000	0
530	527	43.22	5.19	3.5	3.35	5.75	0	0	-918	1	0	0	1	1	0	0.000	0
531	528	43.31	5.01	3.5	3.43	5.81	0	0	-791	1	0	0	1	1	0	0.000	0
532	529	43.39	5.02	3.5	3.5	5.87	0	0	-791	1	0	0	1	1	0	0.000	0
533	530	43.47	5.09	3.5	3.58	5.98	0	0	-828	1	0	0	1	1	0	0.000	0
534	531	43.55	5.14	3.5	3.63	6.08	0	0	-856	1	0	0	1	1	0	0.000	0
535	532	43.63	5.19	3.5	3.61	6.08	0	0	-892	1	0	0	1	1	0	0.000	0
536	533	43.72	5.39	3.5	3.5	5.92	0	0	-954	1	0	0	1	1	0	0.000	0
537	534	43.8	5.65	3.6	3.34	5.66	0	0	-1110	1	0	0	1	1	0	0.000	0
538	535	43.88	5.86	3.6	3.19	5.49	0	0	-1511	1	0	0	1	1	0	0.000	0
539	536	43.96	5.82	3.6	3.13	5.33	0	0	-1524	1	0	0	1	1	0	0.000	0
540	537	44.04	5.63	3.6	3.17	5.42	0	0	-1214	1	0	0	1	1	0	0.000	0
541	538	44.13	5.44	3.5	3.33	5.6	0	0	-1116	1	0	0	1	1	0	0.000	0
542	539	44.21	5.34	3.5	3.56	5.9	0	0	-1008	1	0	0	1	1	0	0.000	0
543	540	44.29	5.24	3.5	3.83	6.27	0	0	-904	1	0	0	1	1	0	0.000	0
544	541	44.37	5.27	3.5	4.03	6.62	0	0	-904	1	0	0	1	1	0	0.000	0
545	542	44.45	5.46	3.5	4.14	6.74	0	0	-1034	1	0	0	1	1	0	0.000	0
546	543	44.54	5.85	3.5	4.08	6.76	0	0	-1401	1	0	0	1	1	0	0.000	0
547	544	44.62	6.26	3.5	3.94	6.49	0	0	-1936	1	0	0	1	1	0	0.000	0
548	545	44.7	6.56	3.5	3.74	6.27	0	0	-2471	1	0	0	1	1	0	0.000	0
549	546	44.78	6.54	3.6	3.58	6.06	0	0	-2479	1	0	0	1	1	0	0.000	0
550	547	44.86	6.39	3.6	3.48	5.86	0	0	-2246	1	0	0	1	1	0	0.000	0
551	548	44.95	6.27	3.6	3.45	5.85	0	0	-2062	1	0	0	1	1	0	0.000	0
552	549	45.03	6.26	3.6	3.58	5.93	0	0	-2017	1	0	0	1	1	0	0.000	0
553	550	45.11	6.02	3.5	3.95	6.28	0	0	-1617	1	0	0	1	1	0	0.000	0
554	551	45.19	5.6	3.4	4.55	7.22	0	0	-1094	1	0	0	1	1	0	0.000	0
555	552	45.27	5.26	3.4	5.35	8.19	0	0	-758	1	0	0	1	1	0	0.000	0
556	553	45.36	5.38	3.3	5.96	9.43	0	0	-760	1	0	0	1	1	0	0.000	0
557	554	45.44	5.71	3.3	6.28	9.61	0	0	-931	1	0	0	1	1	0	0.000	0
558	555	45.52	6.24	3.4	6.17	9.53	0	0	-1410	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	6.69	3.4	5.92	9.13	0	0	-2041	1	0	0	1	1	0	0.000	0
560	557	45.69	7.29	3.4	5.58	8.83	0	0	-3303	1	0	0	1	1	0	0.000	0
561	558	45.77	8.06	3.5	5.24	8.38	0	0	-5934	1	0	0	1	1	0	0.000	0
562	559	45.85	8.93	3.5	4.95	7.92	0	0	-11108	1	0	0	1	1	0	0.000	0
563	560	45.93	9.53	3.6	4.83	7.81	0	0	-16732	1	0	0	1	1	0	0.000	0
564	561	46.01	9.7	3.6	4.94	7.93	0	0	-18409	1	0	0	1	1	0	0.000	0
565	562	46.1	9.61	3.5	5.27	8.4	0	0	-16611	1	0	0	1	1	0	0.000	0
566	563	46.18	9.5	3.5	5.61	9.13	0	0	-14741	1	0	0	1	1	0	0.000	0
567	564	46.26	9.37	3.5	5.88	9.31	0	0	-13013	1	0	0	1	1	0	0.000	0
568	565	46.34	9.56	3.5	5.92	9.52	0	0	-14636	1	0	0	1	1	0	0.000	0
569	566	46.42	10.13	3.5	5.82	9.3	0	0	-21415	1	0	0	1	1	0	0.000	0
570	567	46.51	10.82	3.5	5.63	8.97	0	0	-33932	1	0	0	1	1	0	0.000	0
571	568	46.59	11.22	3.6	5.46	8.77	0	0	-44451	1	0	0	1	1	0	0.000	0
572	569	46.67	11.15	3.6	5.28	8.64	0	0	-43681	1	0	0	1	1	0	0.000	0
573	570	46.75	10.92	3.6	5.06	8.26	0	0	-39087	1	0	0	1	1	0	0.000	0
574	571	46.83	10.7	3.6	4.77	7.92	0	0	-35442	1	0	0	1	1	0	0.000	0
575	572	46.92	10.31	3.6	4.51	7.48	0	0	-28702	1	0	0	1	1	0	0.000	0
576	573	47	9.65	3.6	4.26	7.21	0	0	-1[illegible]38	1	0	0	1	1	0	0.000	0
577	574	47.08	8.74	3.6	4.06	6.94	0	0	-10[illegible]40	1	0	0	1	1	0	0.000	0
578	575	47.16	7.75	3.6	3.82	6.69	0	0	-57.5	1	0	0	1	1	0	0.000	0
579	576	47.24	6.99	3.6	3.6	6.23	0	0	-3429	1	0	0	1	1	0	0.000	0
580	577	47.33	6.3	3.6	3.48	6.04	0	0	-2101	1	0	0	1	1	0	0.000	0
581	578	47.41	5.88	3.5	3.51	6.17	0	0	-1530	1	0	0	1	1	0	0.000	0
582	579	47.49	5.61	3.5	3.64	6.31	0	0	-1229	1	0	0	1	1	0	0.000	0
583	580	47.57	5.67	3.5	3.77	6.53	0	0	-1267	1	0	0	1	1	0	0.000	0
584	581	47.65	5.94	3.5	3.86	6.64	0	0	-1539	1	0	0	1	1	0	0.000	0
585	582	47.74	6.41	3.5	3.91	6.68	0	0	-2170	1	0	0	1	1	0	0.000	0
586	583	47.82	6.72	3.5	3.96	6.73	0	0	-2707	1	0	0	1	1	0	0.000	0
587	584	47.9	6.89	3.5	4.04	6.81	0	0	-3033	1	0	0	1	1	0	0.000	0
588	585	47.98	6.78	3.5	4.21	7.03	0	0	-2745	1	0	0	1	1	0	0.000	0
589	586	48.06	6.58	3.5	4.45	7.38	0	0	-2304	1	0	0	1	1	0	0.000	0
590	587	48.15	6.11	3.4	4.68	7.78	0	0	-1582	1	0	0	1	1	0	0.000	0
591	588	48.23	5.66	3.4	4.7	7.96	0	0	-1124	1	0	0	1	1	0	0.000	0
592	589	48.31	5.14	3.4	4.55	7.47	0	0	-767	1	0	0	1	1	0	0.000	0
593	590	48.39	4.82	3.4	4.31	7.15	0	0	-615	1	0	0	1	1	0	0.000	0
594	591	48.47	4.57	3.4	4.22	7	0	0	-509	1	0	0	1	1	0	0.000	0
595	592	48.56	4.44	3.4	4.21	6.89	0	0	-459	1	0	0	1	1	0	0.000	0
596	593	48.64	4.36	3.4	4.23	6.88	0	0	-430	1	0	0	1	1	0	0.000	0
597	594	48.72	3.98	3.4	4.21	6.79	0	0	-316	1	0	0	1	1	0	0.000	0
598	595	48.8	3.43	3.4	4.16	6.74	0	0	-201	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	2.89	3.3	4.06	6.6	0	0	-128	1	0	1	1	1	0	0.000	0
600	597	48.97	2.69	3.3	4	6.34	0	0	-108	1	0	1	1	1	0	0.000	0
601	598	49.05	2.78	3.3	4.03	6.38	0	0	-117	1	0	1	1	1	0	0.000	0
602	599	49.13	2.98	3.3	4.24	6.55	0	0	-135	1	0	1	1	1	0	0.000	0
603	600	49.21	3.19	3.3	4.56	7	0	0	-156	1	0	0	1	1	0	0.000	0
604	601	49.29	3.52	3.3	4.9	7.51	0	0	-197	1	0	0	1	1	0	0.000	0
605	602	49.38	4.27	3.3	5.24	7.9	0	0	-351	1	0	0	1	1	0	0.000	0
606	603	49.46	5.34	3.3	6.02	8.35	0	0	-730	1	0	0	1	1	0	0.000	0
607	604	49.54	5.83	3.3	7.61	10.63	0	0	-801	1	0	0	1	1	0	0.000	0
608	605	49.62	5.51	3.1	10.77	14.29	0	0	-222	1	0	0	1	1	0	0.000	0
609	606	49.7	4.34	2.9	17.1	21.63	0	0	235	1	0	0	0	1	0	0.000	0
610	607	49.79	3.42	2.7	26.59	38.42	0	0	336	1	0	0	0	1	0	0.000	0
611	608	49.87	2.82	2.5	39.08	55.18	0	0	379	1	1	1	0	1	0	0.000	0
612	609	49.95	2.54	2.4	49.54	70.58	0	0	413	1	1	1	0	1	0	0.000	0
613	610	50.03	2.39	2.4	56.23	79.05	0	0	427	1	1	1	0	1	0	0.000	0
614	611	50.11	2.23	2.3	59.83	80.97	0	0	400	1	1	1	0	1	0	0.000	0
615	612	50.2	1.41	2.2	63.83	82.88	0	0	204	1	1	1	0	1	0	0.000	0
616	613	50.28	0.66	1.9	68.96	81.86	0	0	[illegible]	1	1	1	0	1	0	0.000	0
617	614	50.36	0	4.1	56.45	88.46	0	0	44	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	56.82	88.32	0	0	[illegible]	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	57.01	89.5	0	0	45	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

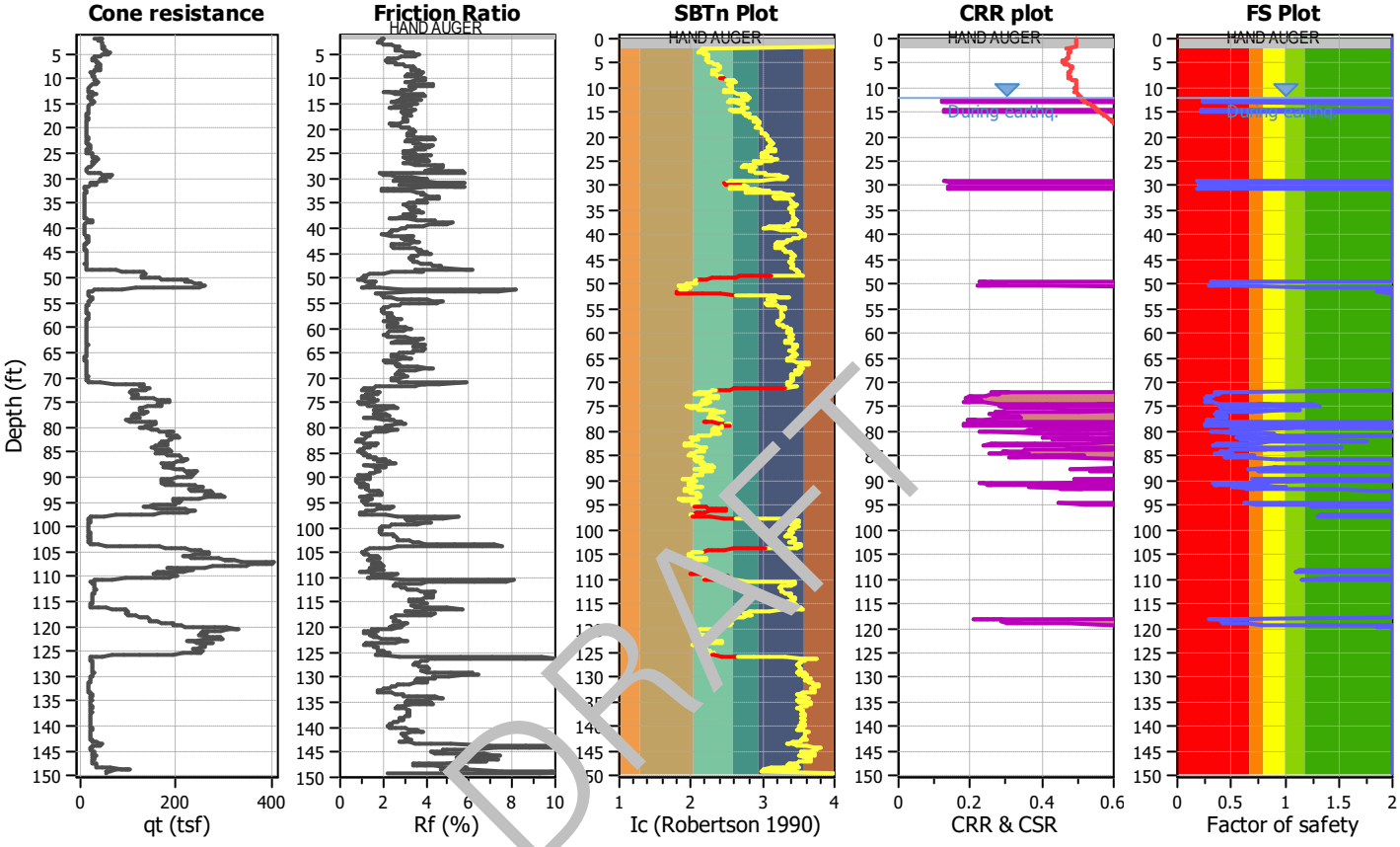
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-17

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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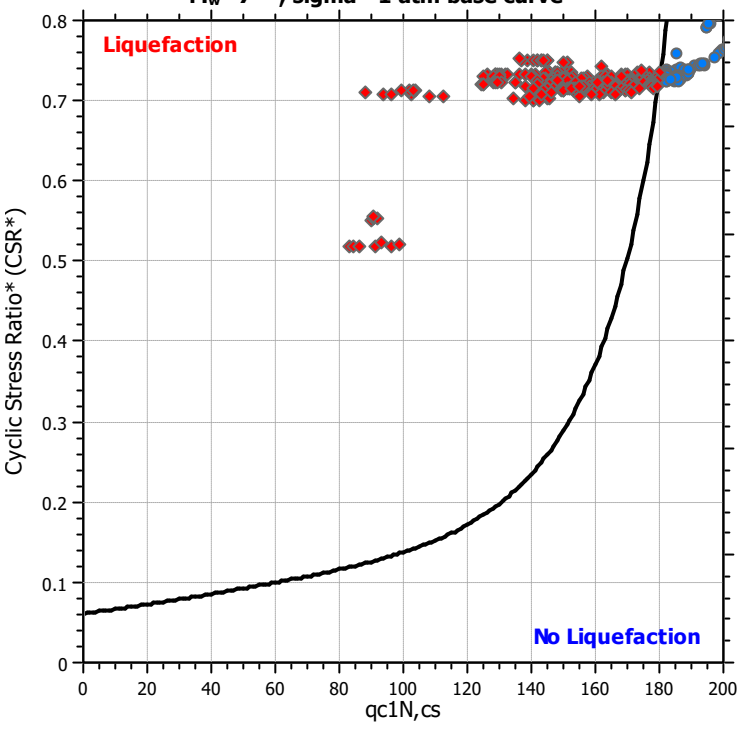
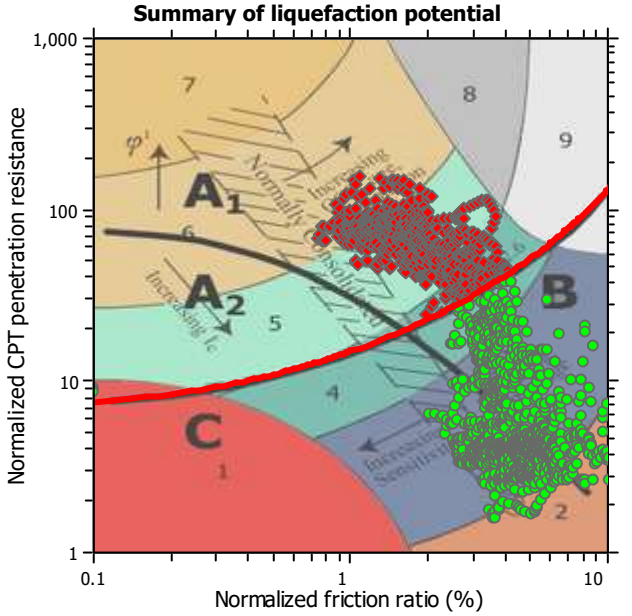
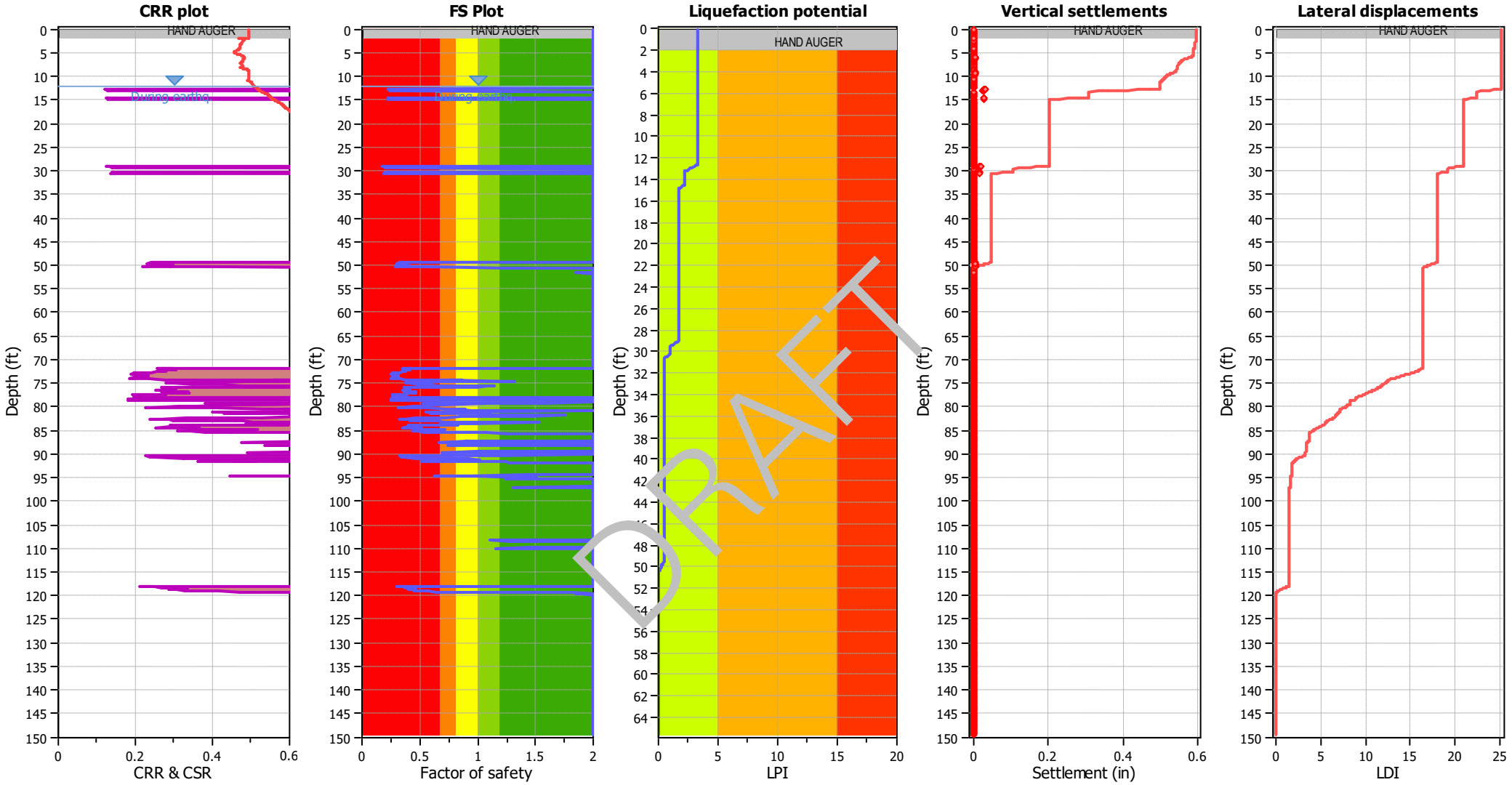




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-17, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
20	17	1.39	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
21	18	1.48	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
22	19	1.56	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
23	20	1.64	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
24	21	1.72	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
25	22	1.8	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
26	23	1.89	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.480	0
27	24	1.97	1.91	2.3	58.39	80.86	0	0	290	1	1	1	0	1	0	0.480	0
28	25	2.05	1.94	2.2	82.85	68.62	0	0	457	1	1	1	0	1	0	0.480	0
29	26	2.13	1.99	2.2	74.69	62.43	0	0	423	1	1	1	0	1	0	0.480	0
30	27	2.21	1.95	2.2	71.09	60.11	0	0	384	1	1	1	0	1	0	0.480	0
31	28	2.3	1.94	2.2	70.88	59.52	0	0	379	1	1	1	0	1	0	0.480	0
32	29	2.38	1.94	2.2	72.76	61.87	0	0	392	1	1	1	0	1	0	0.480	0
33	30	2.46	1.9	2.2	76.5	64.9	0	0	401	1	1	1	0	1	0	0.480	0
34	31	2.54	1.8	2.2	81.29	69.03	0	0	393	1	1	1	0	1	0	0.480	0
35	32	2.62	1.73	2.1	85.34	74.08	0	0	390	1	1	1	0	1	0	0.480	0
36	33	2.71	1.72	2.1	87.78	75.18	0	0	400	1	1	1	0	1	0	0.480	0
37	34	2.79	1.79	2.1	88	75.25	0	0	428	1	1	1	0	1	0	0.480	0
38	35	2.87	1.87	2.1	87.57	74.65	0	0	458	1	1	1	0	1	0	0.480	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.98	2.2	86.86	74.1	0	0	501	1	1	1	0	1	0	0.480	0
40	37	3.03	2.06	2.2	87.1	73.48	0	0	541	1	1	1	0	1	0	0.480	0
41	38	3.12	2.18	2.2	87.8	75.33	0	0	609	1	1	1	0	1	0	0.480	0
42	39	3.2	2.28	2.2	88.79	75.96	0	0	675	1	1	1	0	1	0	0.480	0
43	40	3.28	2.43	2.2	88.7	76.06	0	0	771	1	1	1	0	1	0	0.480	0
44	41	3.36	2.56	2.2	88.5	75.11	0	0	862	1	1	1	0	1	0	0.480	0
45	42	3.44	2.67	2.2	88.52	75.44	0	0	951	1	1	1	0	1	0	0.480	0
46	43	3.53	2.73	2.3	89.22	76.15	0	0	1011	1	1	1	0	1	0	0.480	0
47	44	3.61	2.73	2.3	89.79	76.95	0	0	1019	1	1	1	0	1	0	0.480	0
48	45	3.69	2.72	2.3	89.66	76.98	0	0	1008	1	1	1	0	1	0	0.480	0
49	46	3.77	2.69	2.2	89.3	75.87	0	0	977	1	1	1	0	1	0	0.480	0
50	47	3.85	2.66	2.2	88.68	76.07	0	0	944	1	1	1	0	1	0	0.480	0
51	48	3.94	2.62	2.2	88.79	75.45	0	0	913	1	1	1	0	1	0	0.480	0
52	49	4.02	2.58	2.2	89.68	76.16	0	0	891	1	1	1	0	1	0	0.480	0
53	50	4.1	2.57	2.2	91.5	78.36	0	0	904	1	1	1	0	1	0	0.480	0
54	51	4.18	2.6	2.2	93.72	80.1	0	0	955	1	1	1	0	1	0	0.480	0
55	52	4.26	2.65	2.2	96.1	81.84	0	0	1027	1	1	1	0	1	0	0.480	0
56	53	4.35	2.69	2.2	98.95	84.45	0	0	[illegible]	1	1	1	0	1	0	0.480	0
57	54	4.43	2.76	2.2	102.03	87.38	0	0	[illegible]	1	1	1	0	1	0	0.480	0
58	55	4.51	2.88	2.2	104.77	89.72	0	0	[illegible]	1	1	1	0	1	0	0.480	0
59	56	4.59	3.01	2.2	108.21	91.28	0	0	[illegible]	1	1	0	0	1	0	0.480	0
60	57	4.68	3.14	2.2	111.3	94.52	0	0	[illegible]	1	1	0	0	1	0	0.480	0
61	58	4.76	3.24	2.2	114.11	95.15	0	0	2082	1	1	0	0	1	0	0.480	0
62	59	4.84	3.35	2.2	114.81	95.4	0	0	2302	1	1	0	0	1	0	0.480	0
63	60	4.92	3.42	2.3	113.79	94.28	0	0	2419	1	1	0	0	1	0	0.480	0
64	61	5	3.49	2.3	110.51	91.36	0	0	2483	1	1	0	0	1	0	0.480	0
65	62	5.09	3.56	2.3	105.14	87.03	0	0	2489	1	1	0	0	1	0	0.480	0
66	63	5.17	3.63	2.3	98.84	81.57	0	0	2460	1	1	0	0	1	0	0.480	0
67	64	5.25	3.67	2.3	91.93	76.73	0	0	2341	1	1	0	0	1	0	0.480	0
68	65	5.33	3.63	2.4	84.5	71.12	0	0	2052	1	1	0	0	1	0	0.480	0
69	66	5.41	3.51	2.4	76.94	64.52	0	0	1660	1	1	0	0	1	0	0.480	0
70	67	5.5	3.3	2.4	70.04	59.37	0	0	1241	1	1	0	0	1	0	0.480	0
71	68	5.58	3.07	2.4	63.76	55.11	0	0	908	1	1	0	0	1	0	0.480	0
72	69	5.66	2.84	2.4	57.91	49.4	0	0	659	1	1	1	0	1	0	0.480	0
73	70	5.74	2.65	2.4	52.87	44.86	0	0	496	1	1	1	0	1	0	0.480	0
74	71	5.82	2.48	2.4	49.31	42.31	0	0	389	1	1	1	0	1	0	0.480	0
75	72	5.91	2.33	2.4	46.7	40.28	0	0	316	1	1	1	0	1	0	0.480	0
76	73	5.99	2.24	2.4	44.51	38.21	0	0	273	1	1	1	0	1	0	0.480	0
77	74	6.07	2.24	2.4	43.53	36.75	0	0	265	1	1	1	0	1	0	0.480	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.28	2.4	43.73	37.81	0	0	276	1	1	1	0	1	0	0.480	0
79	76	6.23	2.34	2.4	46.65	38.53	0	0	319	1	1	1	0	1	0	0.480	0
80	77	6.32	2.27	2.4	51.13	43.18	0	0	339	1	1	1	0	1	0	0.480	0
81	78	6.4	2.26	2.3	57.13	47.42	0	0	388	1	1	1	0	1	0	0.480	0
82	79	6.48	2.15	2.3	61.53	51.34	0	0	386	1	1	1	0	1	0	0.480	0
83	80	6.56	2.22	2.3	63.16	52.22	0	0	424	1	1	1	0	1	0	0.480	0
84	81	6.64	2.32	2.3	63.49	50.27	0	0	467	1	1	1	0	1	0	0.480	0
85	82	6.73	2.51	2.3	63.28	51.12	0	0	551	1	1	1	0	1	0	0.480	0
86	83	6.81	2.6	2.3	65.02	50.93	0	0	617	1	1	1	0	1	0	0.480	0
87	84	6.89	2.61	2.3	67.9	53.12	0	0	657	1	1	1	0	1	0	0.480	0
88	85	6.97	2.62	2.3	72.37	56.43	0	0	716	1	1	1	0	1	0	0.480	0
89	86	7.05	2.64	2.3	75.83	59.64	0	0	771	1	1	1	0	1	0	0.480	0
90	87	7.14	2.73	2.3	77.18	61.44	0	0	853	1	1	1	0	1	0	0.480	0
91	88	7.22	2.82	2.3	76.6	59.4	0	0	914	1	1	1	0	1	0	0.480	0
92	89	7.3	2.95	2.3	74.51	58.16	0	0	990	1	1	1	0	1	0	0.480	0
93	90	7.38	3.01	2.3	72.8	56.27	0	0	1014	1	1	0	0	1	0	0.480	0
94	91	7.46	3.11	2.4	71.19	55.5	0	0	1076	1	1	0	0	1	0	0.480	0
95	92	7.55	3.25	2.4	68.65	54.39	0	0	[illegible]	1	1	0	0	1	0	0.480	0
96	93	7.63	3.4	2.4	65.83	50.13	0	0	[illegible]	1	1	0	0	1	0	0.480	0
97	94	7.71	3.48	2.4	63.37	48.75	0	0	[illegible]	1	1	0	0	1	0	0.480	0
98	95	7.79	3.5	2.4	62.68	48.84	0	0	[illegible]	1	1	0	0	1	0	0.480	0
99	96	7.87	3.55	2.4	63.55	48.84	0	0	[illegible]	1	1	0	0	1	0	0.480	0
100	97	7.96	3.43	2.4	66.73	51.03	0	0	1306	1	1	0	0	1	0	0.480	0
101	98	8.04	3.37	2.4	68.71	57.01	0	0	1287	1	1	0	0	1	0	0.480	0
102	99	8.12	3.34	2.4	68.43	54.18	0	0	1248	1	1	0	0	1	0	0.480	0
103	100	8.2	3.54	2.4	64.72	51.05	0	0	1380	1	1	0	0	1	0	0.480	0
104	101	8.28	3.68	2.5	60.4	47.99	0	0	1423	1	1	0	0	1	0	0.480	0
105	102	8.37	3.73	2.5	55.71	44.01	0	0	1339	1	1	0	0	1	0	0.480	0
106	103	8.45	3.74	2.5	50.68	40.25	0	0	1193	1	1	0	0	1	0	0.480	0
107	104	8.53	3.68	2.5	46.42	36.48	0	0	1008	1	1	0	0	1	0	0.480	0
108	105	8.61	3.78	2.6	42.39	34.33	0	0	965	1	1	0	0	1	0	0.480	0
109	106	8.69	3.88	2.6	39.73	30.77	0	0	955	1	0	0	0	1	0	0.480	0
110	107	8.78	3.99	2.6	38.08	30.22	0	0	983	1	0	0	0	1	0	0.480	0
111	108	8.86	3.96	2.6	38.18	30.5	0	0	963	1	0	0	0	1	0	0.480	0
112	109	8.94	3.9	2.6	38.56	31.31	0	0	930	1	0	0	0	1	0	0.480	0
113	110	9.02	3.6	2.6	38.15	31.52	0	0	713	1	1	0	0	1	0	0.480	0
114	111	9.1	3.39	2.6	37.54	30.28	0	0	583	1	1	0	0	1	0	0.480	0
115	112	9.19	3.17	2.6	37.6	30.48	0	0	484	1	1	0	0	1	0	0.480	0
116	113	9.27	3.16	2.5	39.36	32.3	0	0	514	1	1	0	0	1	0	0.480	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.07	2.5	41.39	34.85	0	0	512	1	1	0	0	1	0	0.480	0
118	115	9.43	3.06	2.5	42.37	35.87	0	0	524	1	1	0	0	1	0	0.480	0
119	116	9.51	3.21	2.5	42.3	34.98	0	0	595	1	1	0	0	1	0	0.480	0
120	117	9.6	3.41	2.5	42.42	34.55	0	0	708	1	1	0	0	1	0	0.480	0
121	118	9.68	3.59	2.6	43.33	36.03	0	0	850	1	1	0	0	1	0	0.480	0
122	119	9.76	3.7	2.6	44.01	37.17	0	0	952	1	1	0	0	1	0	0.480	0
123	120	9.84	3.84	2.6	44.51	36.36	0	0	1087	1	1	0	0	1	0	0.480	0
124	121	9.92	3.96	2.6	44.89	37.3	0	0	1214	1	1	0	0	1	0	0.480	0
125	122	10.01	4.03	2.6	45.85	38.17	0	0	1324	1	1	0	0	1	0	0.480	0
126	123	10.09	4.06	2.6	46.07	38.88	0	0	1366	1	1	0	0	1	0	0.480	0
127	124	10.17	4.01	2.6	45.83	38.07	0	0	1302	1	1	0	0	1	0	0.480	0
128	125	10.25	3.96	2.6	45.05	37.98	0	0	1220	1	1	0	0	1	0	0.480	0
129	126	10.33	3.81	2.6	45.01	37.34	0	0	1076	1	1	0	0	1	0	0.480	0
130	127	10.42	3.55	2.5	45.99	38.54	0	0	892	1	1	0	0	1	0	0.480	0
131	128	10.5	3.3	2.5	47.61	41.27	0	0	757	1	1	0	0	1	0	0.480	0
132	129	10.58	3.11	2.5	49.16	42.28	0	0	672	1	1	0	0	1	0	0.480	0
133	130	10.66	3.08	2.5	50.27	43.24	0	0	675	1	1	0	0	1	0	0.480	0
134	131	10.74	3.13	2.5	50.48	44.51	0	0	[illegible]	1	1	0	0	1	0	0.480	0
135	132	10.83	3.3	2.5	49.5	43	0	0	[illegible]	1	1	0	0	1	0	0.480	0
136	133	10.91	3.54	2.5	47.52	40.65	0	0	[illegible]	1	1	0	0	1	0	0.480	0
137	134	10.99	3.77	2.6	45.2	39.19	0	0	[illegible]	1	1	0	0	1	0	0.480	0
138	135	11.07	3.98	2.6	42.13	36.92	0	0	[illegible]	1	1	0	0	1	0	0.480	0
139	136	11.15	4.22	2.7	37.54	32.74	0	0	1161	1	0	0	0	1	0	0.480	0
140	137	11.24	4.41	2.7	32.71	27.37	0	0	1093	1	0	0	0	1	0	0.480	0
141	138	11.32	4.46	2.7	28.85	24.56	0	0	921	1	0	0	0	1	0	0.480	0
142	139	11.4	4.22	2.8	26.94	22.97	0	0	670	1	0	0	0	1	0	0.480	0
143	140	11.48	3.86	2.7	26.18	22.75	0	0	472	1	0	0	0	1	0	0.480	0
144	141	11.56	3.52	2.7	25.92	22.97	0	0	349	1	0	0	0	1	0	0.480	0
145	142	11.65	3.37	2.7	25.41	22.73	0	0	295	1	0	0	0	1	0	0.480	0
146	143	11.73	3.42	2.7	24.54	21.74	0	0	287	1	0	0	0	1	0	0.480	0
147	144	11.81	3.53	2.8	23.23	20.81	0	0	281	1	0	0	0	1	0	0.480	0
148	145	11.89	3.62	2.8	21.6	19.37	0	0	257	1	0	0	0	1	0	0.480	0
149	146	11.97	3.66	2.8	19.97	17.5	0	0	218	1	0	0	0	1	0	0.480	0
150	147	12.06	3.64	2.8	19.16	16.62	0	0	191	1	0	0	0	1	0	0.480	0
151	148	12.14	3.46	2.8	19.62	17.28	0	0	176	1	0	0	0	1	0	0.480	0
152	149	12.22	3.22	2.8	20.29	18.87	0	0	157	1	0	0	0	1	0	0.480	0
153	150	12.3	3.02	2.8	20.32	18.64	0	0	133	1	0	0	0	1	0	0.480	0
154	151	12.38	3.05	2.8	19.31	17.68	0	0	119	1	0	0	0	1	0	0.480	0
155	152	12.47	3.06	2.8	18.72	16.4	0	0	109	1	0	0	0	1	0	0.480	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.65	2.7	21.39	17.26	0	0	109	1	0	1	0	1	0	0.480	0
157	154	12.63	2.25	2.6	25.11	25.17	0.03	0.45	109	1	0	1	0	1	0	0.480	0
158	155	12.71	2.11	2.5	29.06	26.92	0.03	0.44	126	1	1	1	0	1	0	0.450	0
159	156	12.8	2.36	2.5	31.69	28.47	0.03	0.42	182	1	1	1	0	1	0	0.420	0
160	157	12.88	2.63	2.5	35.14	32.36	0.03	0.37	273	1	1	1	0	1	0	0.390	0
161	158	12.96	2.76	2.5	38.63	36.29	0.03	0.33	354	1	1	1	0	1	0	0.360	0
162	159	13.04	3.01	2.5	38.88	37.99	0.02	0.31	444	1	1	0	0	1	0	0.330	0
163	160	13.12	3.41	2.6	35.89	32.99	0.03	0.36	554	1	0	0	0	1	0	0.310	0
164	161	13.21	3.93	2.7	31.65	27.93	0	0	700	1	0	0	0	1	0	0.280	0
165	162	13.29	4.06	2.7	28.93	26.28	0	0	669	1	0	0	0	1	0	0.280	0
166	163	13.37	3.77	2.7	27.29	25.7	0	0	474	1	0	0	0	1	0	0.280	0
167	164	13.45	3.48	2.7	25.2	23.82	0	0	319	1	0	0	0	1	0	0.280	0
168	165	13.53	3.29	2.7	23.04	20.88	0	0	225	1	0	0	0	1	0	0.280	0
169	166	13.62	3.18	2.8	21.36	20.01	0	0	172	1	0	0	0	1	0	0.280	0
170	167	13.7	3.03	2.7	20.74	19.33	0	0	141	1	0	0	0	1	0	0.280	0
171	168	13.78	2.93	2.7	20.68	19.34	0	0	128	1	0	1	0	1	0	0.280	0
172	169	13.86	2.95	2.7	21.27	20	0	0	140	1	0	1	0	1	0	0.280	0
173	170	13.94	2.97	2.7	22.19	21.09	0	0	157	1	0	1	0	1	0	0.280	0
174	171	14.03	3.19	2.7	23	22.05	0	0	206	1	0	0	0	1	0	0.280	0
175	172	14.11	3.59	2.8	22.9	22.35	0	0	247	1	0	0	0	1	0	0.280	0
176	173	14.19	3.94	2.8	22.7	20.8	0	0	376	1	0	0	0	1	0	0.280	0
177	174	14.27	3.88	2.8	23.4	21.49	0	0	382	1	0	0	0	1	0	0.280	0
178	175	14.35	3.41	2.7	25.49	24.44	0	0	308	1	0	0	0	1	0	0.280	0
179	176	14.44	2.88	2.6	28.6	26.95	0	0	242	1	0	1	0	1	0	0.280	0
180	177	14.52	2.58	2.6	30.93	30.67	0.03	0.39	213	1	1	1	0	1	0	0.280	0
181	178	14.6	2.49	2.5	32.69	31.43	0.03	0.38	215	1	1	1	0	1	0	0.250	0
182	179	14.68	2.62	2.6	32.79	32.19	0.03	0.3	243	1	1	1	0	1	0	0.220	0
183	180	14.76	2.84	2.6	31.59	31.05	0.03	0.38	277	1	1	1	0	1	0	0.190	0
184	181	14.85	3.22	2.7	29.09	28.05	0	0	334	1	0	0	0	1	0	0.160	0
185	182	14.93	3.57	2.7	27.01	25.07	0	0	393	1	0	0	0	1	0	0.160	0
186	183	15.01	3.68	2.7	25.91	25.15	0	0	398	1	0	0	0	1	0	0.160	0
187	184	15.09	3.54	2.7	25.14	25.01	0	0	334	1	0	0	0	1	0	0.160	0
188	185	15.17	3.39	2.7	23.44	23.03	0	0	255	1	0	0	0	1	0	0.160	0
189	186	15.26	3.44	2.8	21.01	20.48	0	0	207	1	0	0	0	1	0	0.160	0
190	187	15.34	3.5	2.8	18.94	18.17	0	0	165	1	0	0	0	1	0	0.160	0
191	188	15.42	3.38	2.8	17.61	17.19	0	0	118	1	0	0	0	1	0	0.160	0
192	189	15.5	3.04	2.8	17.09	16.77	0	0	79	1	0	0	1	1	0	0.160	0
193	190	15.58	2.69	2.8	16.82	16.82	0	0	55	1	0	1	1	1	0	0.160	0
194	191	15.67	2.51	2.8	16.57	16.56	0	0	44	1	0	1	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.46	2.8	16.36	16.14	0	0	40	1	0	1	1	1	0	0.160	0
196	193	15.83	2.5	2.8	16.3	16.24	0	0	41	1	0	1	1	1	0	0.160	0
197	194	15.91	2.68	2.8	16.34	16.4	0	0	48	1	0	1	1	1	0	0.160	0
198	195	15.99	2.99	2.8	16.21	16.22	0	0	61	1	0	1	1	1	0	0.160	0
199	196	16.08	3.31	2.9	16.01	15.9	0	0	76	1	0	0	1	1	0	0.160	0
200	197	16.16	3.55	2.9	15.74	15.92	0	0	86	1	0	0	0	1	0	0.160	0
201	198	16.24	3.66	2.9	15.47	15.68	0	0	87	1	0	0	0	1	0	0.160	0
202	199	16.32	3.71	2.9	14.98	15.34	0	0	76	1	0	0	1	1	0	0.160	0
203	200	16.4	3.66	2.9	14.51	14.64	0	0	59	1	0	0	1	1	0	0.160	0
204	201	16.49	3.57	2.9	14.11	14.37	0	0	44	1	0	0	1	1	0	0.160	0
205	202	16.57	3.45	2.9	14.03	14.19	0	0	37	1	0	0	1	1	0	0.160	0
206	203	16.65	3.27	2.9	14.22	14.37	0	0	36	1	0	0	1	1	0	0.160	0
207	204	16.73	3.13	2.9	14.44	14.96	0	0	36	1	0	0	1	1	0	0.160	0
208	205	16.81	3.09	2.9	14.52	14.89	0	0	36	1	0	0	1	1	0	0.160	0
209	206	16.9	3.18	2.9	14.23	14.7	0	0	34	1	0	0	1	1	0	0.160	0
210	207	16.98	3.31	2.9	13.81	14.19	0	0	28	1	0	0	1	1	0	0.160	0
211	208	17.06	3.4	2.9	13.31	13.73	0	0	19	1	0	0	1	1	0	0.160	0
212	209	17.14	3.49	3.0	12.84	13.31	0	0	9	1	0	0	1	1	0	0.160	0
213	210	17.22	3.52	3.0	12.58	12.87	0	0	2	1	0	0	1	1	0	0.160	0
214	211	17.31	3.61	3.0	12.46	13.02	0	0	1	1	0	0	1	1	0	0.160	0
215	212	17.39	3.55	3.0	12.52	12.99	0	0	1	1	0	0	1	1	0	0.160	0
216	213	17.47	3.45	3.0	12.59	13.13	0	0	2	1	0	0	1	1	0	0.160	0
217	214	17.55	3.3	2.9	12.69	13.32	0	0	4	1	0	0	1	1	0	0.160	0
218	215	17.63	3.24	2.9	12.68	13.36	0	0	4	1	0	0	1	1	0	0.160	0
219	216	17.72	3.22	2.9	12.7	13.17	0	0	4	1	0	0	1	1	0	0.160	0
220	217	17.8	3.23	2.9	12.76	13.44	0	0	5	1	0	0	1	1	0	0.160	0
221	218	17.88	3.21	2.9	13.01	13.59	0	0	10	1	0	0	1	1	0	0.160	0
222	219	17.96	3.19	2.9	13.18	13.99	0	0	13	1	0	0	1	1	0	0.160	0
223	220	18.04	3.15	2.9	13.22	14.04	0	0	14	1	0	0	1	1	0	0.160	0
224	221	18.13	3.18	2.9	12.91	13.75	0	0	8	1	0	0	1	1	0	0.160	0
225	222	18.21	3.24	2.9	12.43	13.15	0	0	-1	1	0	0	1	1	0	0.160	0
226	223	18.29	3.32	3.0	11.88	12.66	0	0	-14	1	0	0	1	1	0	0.160	0
227	224	18.37	3.37	3.0	11.47	12.19	0	0	-24	1	0	0	1	1	0	0.160	0
228	225	18.45	3.36	3.0	11.28	12.01	0	0	-28	1	0	0	1	1	0	0.160	0
229	226	18.54	3.28	3.0	11.31	12.13	0	0	-25	1	0	0	1	1	0	0.160	0
230	227	18.62	3.2	3.0	11.26	12.35	0	0	-25	1	0	0	1	1	0	0.160	0
231	228	18.7	3.21	3.0	10.94	11.94	0	0	-31	1	0	0	1	1	0	0.160	0
232	229	18.78	3.17	3.0	10.51	11.2	0	0	-38	1	0	0	1	1	0	0.160	0
233	230	18.86	3.04	3.0	10.22	11.08	0	0	-39	1	0	0	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.76	3.0	10.1	11.04	0	0	-32	1	0	1	1	1	0	0.160	0
235	232	19.03	2.61	3.0	9.83	10.81	0	0	-32	1	0	1	1	1	0	0.160	0
236	233	19.11	2.52	3.0	9.61	10.29	0	0	-32	1	0	1	1	1	0	0.160	0
237	234	19.19	2.59	3.0	9.27	10.23	0	0	-38	1	0	1	1	1	0	0.160	0
238	235	19.27	2.66	3.0	9.08	9.82	0	0	-42	1	0	1	1	1	0	0.160	0
239	236	19.36	2.79	3.0	8.88	9.76	0	0	-50	1	0	1	1	1	0	0.160	0
240	237	19.44	2.91	3.0	9.02	9.82	0	0	-54	1	0	1	1	1	0	0.160	0
241	238	19.52	3.03	3.0	9.27	10.28	0	0	-55	1	0	0	1	1	0	0.160	0
242	239	19.6	3.15	3.0	9.55	10.55	0	0	-56	1	0	0	1	1	0	0.160	0
243	240	19.68	3.25	3.0	9.65	10.76	0	0	-59	1	0	0	1	1	0	0.160	0
244	241	19.77	3.37	3.0	9.59	10.74	0	0	-67	1	0	0	1	1	0	0.160	0
245	242	19.85	3.46	3.1	9.45	10.51	0	0	-75	1	0	0	1	1	0	0.160	0
246	243	19.93	3.51	3.1	9.37	10.44	0	0	-81	1	0	0	1	1	0	0.160	0
247	244	20.01	3.58	3.1	9.47	10.49	0	0	-83	1	0	0	1	1	0	0.160	0
248	245	20.09	3.67	3.1	9.59	10.81	0	0	-86	1	0	0	1	1	0	0.160	0
249	246	20.18	3.72	3.1	9.69	10.86	0	0	-86	1	0	0	1	1	0	0.160	0
250	247	20.26	3.73	3.1	9.71	10.92	0	0	-86	1	0	0	1	1	0	0.160	0
251	248	20.34	3.75	3.1	9.69	11.02	0	0	-89	1	0	0	1	1	0	0.160	0
252	249	20.42	3.84	3.1	9.64	10.86	0	0	-97	1	0	0	1	1	0	0.160	0
253	250	20.5	3.88	3.1	9.56	10.8	0	0	-103	1	0	0	1	1	0	0.160	0
254	251	20.59	3.83	3.1	9.43	10.76	0	0	-103	1	0	0	1	1	0	0.160	0
255	252	20.67	3.78	3.1	9.22	10.51	0	0	-106	1	0	0	1	1	0	0.160	0
256	253	20.75	3.8	3.1	8.95	10.22	0	0	-117	1	0	0	1	1	0	0.160	0
257	254	20.83	3.79	3.1	8.67	10	0	0	-125	1	0	0	1	1	0	0.160	0
258	255	20.92	3.71	3.1	8.46	9.66	0	0	-123	1	0	0	1	1	0	0.160	0
259	256	21	3.59	3.1	8.31	9.59	0	0	-115	1	0	0	1	1	0	0.160	0
260	257	21.08	3.53	3.1	8.28	9.53	0	0	-111	1	0	0	1	1	0	0.160	0
261	258	21.16	3.49	3.1	8.27	9.58	0	0	-107	1	0	0	1	1	0	0.160	0
262	259	21.24	3.5	3.1	8.17	9.62	0	0	-111	1	0	0	1	1	0	0.160	0
263	260	21.33	3.56	3.1	7.94	9.27	0	0	-123	1	0	0	1	1	0	0.160	0
264	261	21.41	3.71	3.1	7.67	8.91	0	0	-147	1	0	0	1	1	0	0.160	0
265	262	21.49	3.83	3.2	7.64	8.81	0	0	-164	1	0	0	1	1	0	0.160	0
266	263	21.57	3.97	3.2	7.98	9.22	0	0	-171	1	0	0	1	1	0	0.160	0
267	264	21.65	4.01	3.1	8.87	9.98	0	0	-142	1	0	0	1	1	0	0.160	0
268	265	21.74	4.11	3.1	9.81	11.76	0	0	-114	1	0	0	1	1	0	0.160	0
269	266	21.82	4.41	3.1	10.47	12.44	0	0	-110	1	0	0	1	1	0	0.160	0
270	267	21.9	4.67	3.1	10.91	12.42	0	0	-106	1	0	0	1	1	0	0.160	0
271	268	21.98	4.82	3.1	11.21	13.45	0	0	-97	1	0	0	1	1	0	0.160	0
272	269	22.06	4.8	3.1	11.27	13.61	0	0	-91	1	0	0	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	4.41	3.1	10.61	12.71	0	0	-102	1	0	0	1	1	0	0.160	0
274	271	22.23	4.05	3.1	9.56	11.37	0	0	-119	1	0	0	1	1	0	0.160	0
275	272	22.31	3.44	3.1	8.63	10.21	0	0	-94	1	0	0	1	1	0	0.160	0
276	273	22.39	3.42	3.1	7.93	9.64	0	0	-109	1	0	0	1	1	0	0.160	0
277	274	22.47	3.44	3.1	7.57	9.07	0	0	-120	1	0	0	1	1	0	0.160	0
278	275	22.56	3.65	3.2	7.27	8.87	0	0	-152	1	0	0	1	1	0	0.160	0
279	276	22.64	3.74	3.2	7.17	8.54	0	0	-167	1	0	0	1	1	0	0.160	0
280	277	22.72	3.85	3.2	7.16	8.63	0	0	-183	1	0	0	1	1	0	0.160	0
281	278	22.8	3.86	3.2	7.4	8.88	0	0	-176	1	0	0	1	1	0	0.160	0
282	279	22.88	3.92	3.2	7.83	9.32	0	0	-169	1	0	0	1	1	0	0.160	0
283	280	22.97	3.89	3.1	8.65	10.05	0	0	-136	1	0	0	1	1	0	0.160	0
284	281	23.05	3.92	3.1	9.7	11.6	0	0	-102	1	0	0	1	1	0	0.160	0
285	282	23.13	3.98	3.0	10.91	12.92	0	0	-61	1	0	0	1	1	0	0.160	0
286	283	23.21	4.14	3.0	12.25	14.25	0	0	-11	1	0	0	1	1	0	0.160	0
287	284	23.29	4.25	3.0	13.53	16.27	0	0	49	1	0	0	1	1	0	0.160	0
288	285	23.38	4.4	3.0	13.95	17.48	0	0	78	1	0	0	1	1	0	0.160	0
289	286	23.46	4.55	3.0	13.24	15.92	0	0	45	1	0	0	1	1	0	0.160	0
290	287	23.54	4.66	3.1	11.85	14.11	0	0	13	1	0	0	1	1	0	0.160	0
291	288	23.62	4.5	3.1	10.8	12.84	0	0	99	1	0	0	1	1	0	0.160	0
292	289	23.7	4.13	3.1	10.6	12.31	0	0	-2	1	0	0	1	1	0	0.160	0
293	290	23.79	3.88	3.0	11.11	13.34	0	0	-49	1	0	0	1	1	0	0.160	0
294	291	23.87	3.75	3.0	12.35	14.4	0	0	-5	1	0	0	1	1	0	0.160	0
295	292	23.95	3.87	3.0	12.94	16.52	0	0	15	1	0	0	1	1	0	0.160	0
296	293	24.03	4.02	3.0	12.55	15.57	0	0	2	1	0	0	1	1	0	0.160	0
297	294	24.11	4.32	3.1	11.03	13.35	0	0	-74	1	0	0	1	1	0	0.160	0
298	295	24.2	4.31	3.1	9.57	11.55	0	0	-146	1	0	0	1	1	0	0.160	0
299	296	24.28	3.97	3.1	8.57	10.59	0	0	-149	1	0	0	1	1	0	0.160	0
300	297	24.36	3.51	3.1	8.03	9.83	0	0	-115	1	0	0	1	1	0	0.160	0
301	298	24.44	3.34	3.1	7.66	9.58	0	0	-108	1	0	0	1	1	0	0.160	0
302	299	24.52	3.44	3.1	7.34	9.2	0	0	-125	1	0	0	1	1	0	0.160	0
303	300	24.61	3.63	3.2	7.02	8.68	0	0	-156	1	0	0	1	1	0	0.160	0
304	301	24.69	3.83	3.2	6.88	8.43	0	0	-189	1	0	0	1	1	0	0.160	0
305	302	24.77	3.94	3.2	7.24	8.69	0	0	-194	1	0	0	1	1	0	0.160	0
306	303	24.85	3.67	3.1	8.45	9.86	0	0	-119	1	0	0	1	1	0	0.160	0
307	304	24.93	3.36	3.0	10.56	12.58	0	0	-44	1	0	0	1	1	0	0.160	0
308	305	25.02	3.18	2.9	13.36	16.17	0	0	17	1	0	0	1	1	0	0.160	0
309	306	25.1	3.3	2.9	15.9	20	0	0	73	1	0	0	1	1	0	0.160	0
310	307	25.18	3.67	2.9	17.1	21.87	0	0	136	1	0	0	0	1	0	0.160	0
311	308	25.26	4.08	2.9	16.66	20.65	0	0	172	1	0	0	0	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	4.47	3.0	15.53	18.59	0	0	172	1	0	0	0	1	0	0.160	0
313	310	25.43	4.53	3.0	14.77	17.93	0	0	135	1	0	0	0	1	0	0.160	0
314	311	25.51	4.3	3.0	14.96	17.98	0	0	122	1	0	0	0	1	0	0.160	0
315	312	25.59	3.83	2.9	15.99	19.24	0	0	117	1	0	0	0	1	0	0.160	0
316	313	25.67	3.51	2.9	17.3	21.52	0	0	124	1	0	0	0	1	0	0.160	0
317	314	25.75	3.36	2.8	18.68	22.65	0	0	140	1	0	0	0	1	0	0.160	0
318	315	25.84	3.2	2.8	20.8	23.9	0	0	164	1	0	0	0	1	0	0.160	0
319	316	25.92	3.12	2.7	22.48	28.63	0	0	185	1	0	0	0	1	0	0.160	0
320	317	26	3.21	2.7	23.55	28.35	0	0	221	1	0	0	0	1	0	0.160	0
321	318	26.08	3.58	2.8	22.83	27.79	0	0	282	1	0	0	0	1	0	0.160	0
322	319	26.16	3.97	2.8	21.49	26.66	0	0	340	1	0	0	0	1	0	0.160	0
323	320	26.25	4.28	2.9	19.63	24.18	0	0	347	1	0	0	0	1	0	0.160	0
324	321	26.33	4.36	2.9	18.34	21.45	0	0	303	1	0	0	0	1	0	0.160	0
325	322	26.41	4.03	2.9	18.78	22.05	0	0	249	1	0	0	0	1	0	0.160	0
326	323	26.49	3.71	2.8	19.95	25.76	0	0	227	1	0	0	0	1	0	0.160	0
327	324	26.57	3.7	2.8	20.04	25.51	0	0	228	1	0	0	0	1	0	0.160	0
328	325	26.66	3.89	2.9	18.33	22.45	0	0	206	1	0	0	0	1	0	0.160	0
329	326	26.74	3.85	2.9	16.87	19.98	0	0	150	1	0	0	0	1	0	0.160	0
330	327	26.82	3.47	2.9	16.65	20.28	0	0	103	1	0	0	0	1	0	0.160	0
331	328	26.9	3.12	2.8	17.44	21.65	0	0	91	1	0	0	0	1	0	0.160	0
332	329	26.98	3.17	2.8	17.75	22.67	0	0	101	1	0	0	0	1	0	0.160	0
333	330	27.07	3.38	2.8	17.45	21.45	0	0	114	1	0	0	0	1	0	0.160	0
334	331	27.15	3.71	2.9	16.93	20.87	0	0	135	1	0	0	0	1	0	0.160	0
335	332	27.23	3.93	2.9	16.68	20.87	0	0	153	1	0	0	0	1	0	0.160	0
336	333	27.31	4.27	2.9	16.25	20.6	0	0	181	1	0	0	0	1	0	0.160	0
337	334	27.39	4.7	3.0	15.31	19.4	0	0	192	1	0	0	0	1	0	0.160	0
338	335	27.48	5.1	3.0	14.03	17.56	0	0	143	1	0	0	0	1	0	0.160	0
339	336	27.56	5.17	3.0	13.18	16.08	0	0	67	1	0	0	1	1	0	0.160	0
340	337	27.64	4.98	3.0	12.78	16.38	0	0	24	1	0	0	1	1	0	0.160	0
341	338	27.72	4.84	3.1	12.17	16.17	0	0	-25	1	0	0	1	1	0	0.160	0
342	339	27.8	4.99	3.1	10.8	13.96	0	0	-146	1	0	0	1	1	0	0.160	0
343	340	27.89	5.17	3.2	9.13	11.53	0	0	-333	1	0	0	1	1	0	0.160	0
344	341	27.97	5.24	3.2	7.68	10.23	0	0	-503	1	0	0	1	1	0	0.160	0
345	342	28.05	5.22	3.3	6.57	8.82	0	0	-609	1	0	0	1	1	0	0.160	0
346	343	28.13	5.55	3.3	5.79	7.6	0	0	-889	1	0	0	1	1	0	0.160	0
347	344	28.21	5.42	3.3	5.79	7.47	0	0	-804	1	0	0	1	1	0	0.160	0
348	345	28.3	4.88	3.3	6.45	8.78	0	0	-476	1	0	0	1	1	0	0.160	0
349	346	28.38	4.54	3.2	7.2	9.91	0	0	-318	1	0	0	1	1	0	0.160	0
350	347	28.46	4.9	3.2	7.41	10.08	0	0	-407	1	0	0	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	5.77	3.3	7.22	9.56	0	0	-827	1	0	0	1	1	0	0.160	0
352	349	28.63	6.56	3.3	6.96	9.29	0	0	-1563	1	0	0	1	1	0	0.160	0
353	350	28.71	6.6	3.3	7.27	9.15	0	0	-1519	1	0	0	1	1	0	0.160	0
354	351	28.79	5.61	3.2	8.74	10.67	0	0	-521	1	0	0	1	1	0	0.160	0
355	352	28.87	3.66	3.0	13.05	14.49	0	0	16	1	0	0	1	1	0	0.160	0
356	353	28.95	2.55	2.7	18.4	24.72	0	0	66	1	0	1	1	1	0	0.160	0
357	354	29.04	1.97	2.6	24.34	29.35	0.02	0.4	79	1	0	1	1	1	0	0.160	0
358	355	29.12	2.06	2.5	27.52	34.09	0.02	0.35	109	1	1	1	0	1	0	0.140	0
359	356	29.2	2.36	2.5	30.71	35.85	0.02	0.33	173	1	1	1	0	1	0	0.120	0
360	357	29.28	2.54	2.5	34.01	40.95	0.02	0.29	240	1	1	1	0	1	0	0.100	0
361	358	29.36	2.53	2.5	38.06	46	0.01	0.25	282	1	1	1	0	1	0	0.080	0
362	359	29.45	2.47	2.5	41.27	49.97	0.01	0.23	301	1	1	1	0	1	0	0.070	0
363	360	29.53	2.6	2.5	42.31	52.08	0	0	350	1	1	1	0	1	0	0.060	0
364	361	29.61	2.81	2.5	41.43	50.11	0	0	409	1	1	1	0	1	0	0.060	0
365	362	29.69	3	2.5	38.86	47.64	0	0	439	1	1	0	0	1	0	0.060	0
366	363	29.77	3.19	2.6	35.62	43.63	0	0	454	1	1	0	0	1	0	0.060	0
367	364	29.86	3.47	2.6	31.57	39.24	0	0	475	1	0	0	0	1	0	0.060	0
368	365	29.94	3.97	2.7	27.5	33.97	0	0	[illegible]	1	0	0	0	1	0	0.060	0
369	366	30.02	4.26	2.8	25.08	29.97	0	0	03	1	0	0	0	1	0	0.060	0
370	367	30.1	3.98	2.8	25.93	30.98	0	0	5[illegible]	1	0	0	0	1	0	0.060	0
371	368	30.18	3.36	2.7	28.91	36.73	0	0	372	1	0	0	0	1	0	0.060	0
372	369	30.27	2.84	2.6	32.24	39.8	0.02	0.29	86	1	1	1	0	1	0	0.060	0
373	370	30.35	2.6	2.5	33.67	41.89	0.01	0.28	249	1	1	1	0	1	0	0.040	0
374	371	30.43	2.59	2.5	33.03	41.35	0.01	0.28	239	1	1	1	0	1	0	0.030	0
375	372	30.51	2.85	2.6	30.88	37.69	0.02	0.31	269	1	1	1	0	1	0	0.020	0
376	373	30.59	3.33	2.7	27.6	35.02	0	0	334	1	0	0	0	1	0	0.000	0
377	374	30.68	4.05	2.8	23.67	30.67	0	[illegible]	451	1	0	0	0	1	0	0.000	0
378	375	30.76	4.87	2.9	19.28	24.73	0	0	529	1	0	0	0	1	0	0.000	0
379	376	30.84	5.89	3.0	15.29	19.09	0	0	478	1	0	0	0	1	0	0.000	0
380	377	30.92	6.23	3.1	12.95	15.77	0	0	100	1	0	0	0	1	0	0.000	0
381	378	31	5.13	3.0	13.6	16.02	0	0	105	1	0	0	0	1	0	0.000	0
382	379	31.09	3.56	2.9	16.57	21.55	0	0	109	1	0	0	0	1	0	0.000	0
383	380	31.17	2.93	2.8	19.49	26.86	0	0	110	1	0	1	0	1	0	0.000	0
384	381	31.25	3.15	2.8	19.93	26.28	0	0	141	1	0	0	0	1	0	0.000	0
385	382	31.33	3.92	2.9	17.33	23.43	0	0	175	1	0	0	0	1	0	0.000	0
386	383	31.41	4.91	3.0	14.08	17.75	0	0	127	1	0	0	0	1	0	0.000	0
387	384	31.5	5.92	3.2	10.86	14.19	0	0	-288	1	0	0	1	1	0	0.000	0
388	385	31.58	6.55	3.3	8.49	11.5	0	0	-1123	1	0	0	1	1	0	0.000	0
389	386	31.66	6.58	3.3	6.57	9.02	0	0	-1697	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	6.04	3.4	5.2	7.17	0	0	-1401	1	0	0	1	1	0	0.000	0
391	388	31.82	5.07	3.4	4.44	6.52	0	0	-737	1	0	0	1	1	0	0.000	0
392	389	31.91	3.95	3.4	4.25	6.26	0	0	-307	1	0	0	1	1	0	0.000	0
393	390	31.99	3.19	3.3	4.22	6.45	0	0	-163	1	0	0	1	1	0	0.000	0
394	391	32.07	2.75	3.3	4.3	6.39	0	0	-110	1	0	1	1	1	0	0.000	0
395	392	32.15	2.5	3.3	4.47	6.5	0	0	-86	1	0	1	1	1	0	0.000	0
396	393	32.23	2.36	3.2	4.83	6.99	0	0	-73	1	0	1	1	1	0	0.000	0
397	394	32.32	2.37	3.2	5.38	7.62	0	0	-68	1	0	1	1	1	0	0.000	0
398	395	32.4	2.62	3.2	5.87	8.05	0	0	-79	1	0	1	1	1	0	0.000	0
399	396	32.48	2.97	3.2	6.11	8.26	0	0	-104	1	0	1	1	1	0	0.000	0
400	397	32.56	3.41	3.2	5.97	8.05	0	0	-155	1	0	0	1	1	0	0.000	0
401	398	32.64	3.93	3.3	5.57	7.63	0	0	-253	1	0	0	1	1	0	0.000	0
402	399	32.73	4.38	3.3	5.13	7.09	0	0	-389	1	0	0	1	1	0	0.000	0
403	400	32.81	4.73	3.4	4.77	6.74	0	0	-540	1	0	0	1	1	0	0.000	0
404	401	32.89	4.8	3.4	4.57	6.52	0	0	-586	1	0	0	1	1	0	0.000	0
405	402	32.97	4.81	3.4	4.46	6.45	0	0	-599	1	0	0	1	1	0	0.000	0
406	403	33.05	4.73	3.4	4.43	6.32	0	0	-564	1	0	0	1	1	0	0.000	0
407	404	33.14	4.7	3.4	4.47	6.37	0	0	-548	1	0	0	1	1	0	0.000	0
408	405	33.22	4.69	3.4	4.57	6.56	0	0	-537	1	0	0	1	1	0	0.000	0
409	406	33.3	4.76	3.4	4.67	6.69	0	0	-550	1	0	0	1	1	0	0.000	0
410	407	33.38	4.91	3.4	4.72	6.8	0	0	-627	1	0	0	1	1	0	0.000	0
411	408	33.46	5.16	3.4	4.69	6.83	0	0	-766	1	0	0	1	1	0	0.000	0
412	409	33.55	5.45	3.4	4.62	6.69	0	0	-967	1	0	0	1	1	0	0.000	0
413	410	33.63	5.62	3.4	4.51	6.63	0	0	-1117	1	0	0	1	1	0	0.000	0
414	411	33.71	5.75	3.5	4.38	6.53	0	0	-1253	1	0	0	1	1	0	0.000	0
415	412	33.79	5.77	3.5	4.26	6.28	0	0	-1291	1	0	0	1	1	0	0.000	0
416	413	33.87	5.84	3.5	4.16	6.21	0	0	-1377	1	0	0	1	1	0	0.000	0
417	414	33.96	5.7	3.5	4.16	6.14	0	0	-1239	1	0	0	1	1	0	0.000	0
418	415	34.04	5.46	3.5	4.16	6.23	0	0	-1031	1	0	0	1	1	0	0.000	0
419	416	34.12	5.23	3.5	4.15	6.19	0	0	-864	1	0	0	1	1	0	0.000	0
420	417	34.2	5.09	3.4	4.13	6.11	0	0	-777	1	0	0	1	1	0	0.000	0
421	418	34.28	4.9	3.4	4.27	6.17	0	0	-658	1	0	0	1	1	0	0.000	0
422	419	34.37	4.64	3.4	4.52	6.63	0	0	-519	1	0	0	1	1	0	0.000	0
423	420	34.45	4.5	3.4	4.81	6.96	0	0	-447	1	0	0	1	1	0	0.000	0
424	421	34.53	4.59	3.4	4.93	7.21	0	0	-473	1	0	0	1	1	0	0.000	0
425	422	34.61	4.86	3.4	4.91	7.13	0	0	-588	1	0	0	1	1	0	0.000	0
426	423	34.69	5.03	3.4	4.77	7.01	0	0	-685	1	0	0	1	1	0	0.000	0
427	424	34.78	4.99	3.4	4.6	6.8	0	0	-678	1	0	0	1	1	0	0.000	0
428	425	34.86	4.69	3.4	4.34	6.5	0	0	-552	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.34	3.4	4.08	5.96	0	0	-430	1	0	0	1	1	0	0.000	0
430	427	35.02	4.14	3.4	3.88	5.68	0	0	-375	1	0	0	1	1	0	0.000	0
431	428	35.1	3.98	3.4	3.8	5.56	0	0	-332	1	0	0	1	1	0	0.000	0
432	429	35.19	3.91	3.4	3.77	5.43	0	0	-314	1	0	0	1	1	0	0.000	0
433	430	35.27	3.84	3.4	3.83	5.4	0	0	-294	1	0	0	1	1	0	0.000	0
434	431	35.35	3.9	3.4	3.92	5.66	0	0	-306	1	0	0	1	1	0	0.000	0
435	432	35.43	4.08	3.4	4.04	5.76	0	0	-350	1	0	0	1	1	0	0.000	0
436	433	35.51	4.33	3.4	4.06	5.91	0	0	-428	1	0	0	1	1	0	0.000	0
437	434	35.6	4.52	3.4	4.08	5.97	0	0	-498	1	0	0	1	1	0	0.000	0
438	435	35.68	4.54	3.4	4.04	5.99	0	0	-508	1	0	0	1	1	0	0.000	0
439	436	35.76	4.49	3.4	3.99	5.91	0	0	-491	1	0	0	1	1	0	0.000	0
440	437	35.84	4.43	3.4	3.91	5.76	0	0	-472	1	0	0	1	1	0	0.000	0
441	438	35.92	4.36	3.4	3.88	5.74	0	0	-448	1	0	0	1	1	0	0.000	0
442	439	36.01	4.27	3.4	3.89	5.73	0	0	-416	1	0	0	1	1	0	0.000	0
443	440	36.09	4.2	3.4	3.91	5.74	0	0	-392	1	0	0	1	1	0	0.000	0
444	441	36.17	4.17	3.4	3.94	5.75	0	0	-381	1	0	0	1	1	0	0.000	0
445	442	36.25	4.26	3.4	3.97	5.77	0	0	-409	1	0	0	1	1	0	0.000	0
446	443	36.33	4.43	3.4	3.98	5.85	0	0	-468	1	0	0	1	1	0	0.000	0
447	444	36.42	4.6	3.4	4.01	5.88	0	0	-535	1	0	0	1	1	0	0.000	0
448	445	36.5	4.69	3.4	4.03	5.92	0	0	-573	1	0	0	1	1	0	0.000	0
449	446	36.58	4.79	3.4	4.03	6	0	0	-621	1	0	0	1	1	0	0.000	0
450	447	36.66	4.9	3.5	4	5.95	0	0	-680	1	0	0	1	1	0	0.000	0
451	448	36.74	5.01	3.5	3.91	5.87	0	0	-749	1	0	0	1	1	0	0.000	0
452	449	36.83	4.94	3.5	3.84	5.74	0	0	-715	1	0	0	1	1	0	0.000	0
453	450	36.91	4.79	3.5	3.74	5.64	0	0	-642	1	0	0	1	1	0	0.000	0
454	451	36.99	4.51	3.5	3.67	5.49	0	0	-518	1	0	0	1	1	0	0.000	0
455	452	37.07	4.19	3.4	3.63	5.43	0	0	-401	1	0	0	1	1	0	0.000	0
456	453	37.16	3.92	3.4	3.67	5.4	0	0	-320	1	0	0	1	1	0	0.000	0
457	454	37.24	3.86	3.4	3.76	5.47	0	0	-302	1	0	0	1	1	0	0.000	0
458	455	37.32	3.97	3.4	3.9	5.61	0	0	-325	1	0	0	1	1	0	0.000	0
459	456	37.4	4.17	3.4	3.94	5.81	0	0	-381	1	0	0	1	1	0	0.000	0
460	457	37.48	4.4	3.4	3.89	5.76	0	0	-462	1	0	0	1	1	0	0.000	0
461	458	37.57	4.56	3.5	3.78	5.63	0	0	-532	1	0	0	1	1	0	0.000	0
462	459	37.65	4.46	3.5	3.74	5.57	0	0	-493	1	0	0	1	1	0	0.000	0
463	460	37.73	3.93	3.4	3.82	5.63	0	0	-317	1	0	0	1	1	0	0.000	0
464	461	37.81	3.32	3.4	3.93	5.8	0	0	-188	1	0	0	1	1	0	0.000	0
465	462	37.89	2.97	3.3	3.99	5.87	0	0	-138	1	0	1	1	1	0	0.000	0
466	463	37.98	3.11	3.3	4.01	5.77	0	0	-156	1	0	0	1	1	0	0.000	0
467	464	38.06	3.47	3.4	4.06	5.78	0	0	-210	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	4.01	3.4	4.22	5.96	0	0	-323	1	0	0	1	1	0	0.000	0
469	466	38.22	4.47	3.4	4.89	6.24	0	0	-432	1	0	0	1	1	0	0.000	0
470	467	38.3	4.37	3.2	7.03	8.17	0	0	-287	1	0	0	1	1	0	0.000	0
471	468	38.39	4.4	3.1	9.9	14.01	0	0	-140	1	0	0	1	1	0	0.000	0
472	469	38.47	4.61	3.0	12.63	17.97	0	0	8	1	0	0	1	1	0	0.000	0
473	470	38.55	4.75	3.0	13.84	19.56	0	0	95	1	0	0	0	1	0	0.000	0
474	471	38.63	4.75	3.0	13.73	19.66	0	0	87	1	0	0	0	1	0	0.000	0
475	472	38.71	4.83	3.1	12.16	17.69	0	0	-26	1	0	0	1	1	0	0.000	0
476	473	38.8	5.38	3.2	9.77	13.49	0	0	-317	1	0	0	1	1	0	0.000	0
477	474	38.88	6.07	3.3	7.72	10.43	0	0	-938	1	0	0	1	1	0	0.000	0
478	475	38.96	6.31	3.4	6.27	9.7	0	0	-1462	1	0	0	1	1	0	0.000	0
479	476	39.04	6.13	3.4	5.28	7.9	0	0	-1482	1	0	0	1	1	0	0.000	0
480	477	39.12	6.19	3.5	4.32	6.56	0	0	-1756	1	0	0	1	1	0	0.000	0
481	478	39.21	6.11	3.5	3.82	5.91	0	0	-1756	1	0	0	1	1	0	0.000	0
482	479	39.29	5.9	3.5	3.64	5.71	0	0	-1531	1	0	0	1	1	0	0.000	0
483	480	39.37	5.59	3.5	3.56	5.62	0	0	-1221	1	0	0	1	1	0	0.000	0
484	481	39.45	5.3	3.5	3.45	5.39	0	0	-989	1	0	0	1	1	0	0.000	0
485	482	39.53	5.08	3.5	3.32	5.24	0	0	[illegible]	1	0	0	1	1	0	0.000	0
486	483	39.62	4.8	3.5	3.22	5.09	0	0	[illegible]	1	0	0	1	1	0	0.000	0
487	484	39.7	4.6	3.5	3.12	4.95	0	0	[illegible]	1	0	0	1	1	0	0.000	0
488	485	39.78	4.43	3.5	3.01	4.84	0	0	[illegible]	1	0	0	1	1	0	0.000	0
489	486	39.86	4.37	3.5	2.87	4.66	0	0	[illegible]	1	0	0	1	1	0	0.000	0
490	487	39.94	4.36	3.6	2.69	4.42	0	0	-510	1	0	0	1	1	0	0.000	0
491	488	40.03	4.32	3.6	2.54	4.17	0	0	-501	1	0	0	1	1	0	0.000	0
492	489	40.11	4.26	3.6	2.43	4.05	0	0	-483	1	0	0	1	1	0	0.000	0
493	490	40.19	4.05	3.6	2.41	3.96	0	0	-407	1	0	0	1	1	0	0.000	0
494	491	40.27	3.88	3.6	2.42	3.98	0	0	-354	1	0	0	1	1	0	0.000	0
495	492	40.35	3.68	3.6	2.5	4.03	0	0	-297	1	0	0	1	1	0	0.000	0
496	493	40.44	3.61	3.5	2.62	4.16	0	0	-277	1	0	0	1	1	0	0.000	0
497	494	40.52	3.48	3.5	2.84	4.34	0	0	-243	1	0	0	1	1	0	0.000	0
498	495	40.6	3.39	3.5	3.05	4.75	0	0	-220	1	0	0	1	1	0	0.000	0
499	496	40.68	3.29	3.4	3.22	4.92	0	0	-198	1	0	0	1	1	0	0.000	0
500	497	40.76	3.3	3.4	3.29	5.01	0	0	-199	1	0	0	1	1	0	0.000	0
501	498	40.85	3.26	3.4	3.39	5.08	0	0	-190	1	0	0	1	1	0	0.000	0
502	499	40.93	3.18	3.4	3.49	5.28	0	0	-175	1	0	0	1	1	0	0.000	0
503	500	41.01	2.99	3.4	3.56	5.38	0	0	-148	1	0	1	1	1	0	0.000	0
504	501	41.09	2.81	3.4	3.55	5.34	0	0	-127	1	0	1	1	1	0	0.000	0
505	502	41.17	2.73	3.4	3.53	5.25	0	0	-118	1	0	1	1	1	0	0.000	0
506	503	41.26	2.67	3.4	3.58	5.3	0	0	-112	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2.59	3.3	3.76	5.47	0	0	-102	1	0	1	1	1	0	0.000	0
508	505	41.42	3.19	3.3	4.08	5.8	0	0	-165	1	0	0	1	1	0	0.000	0
509	506	41.5	4.04	3.3	5.23	6.42	0	0	-291	1	0	0	1	1	0	0.000	0
510	507	41.58	4.09	3.2	6.72	9.75	0	0	-241	1	0	0	1	1	0	0.000	0
511	508	41.67	3.9	3.2	7.44	11.59	0	0	-181	1	0	0	1	1	0	0.000	0
512	509	41.75	3.65	3.2	6.97	10.04	0	0	-160	1	0	0	1	1	0	0.000	0
513	510	41.83	3.95	3.3	5.81	8.85	0	0	-249	1	0	0	1	1	0	0.000	0
514	511	41.91	4.04	3.3	5.3	7.69	0	0	-288	1	0	0	1	1	0	0.000	0
515	512	41.99	3.82	3.3	5.48	7.69	0	0	-234	1	0	0	1	1	0	0.000	0
516	513	42.08	3.46	3.2	6.2	8.99	0	0	-156	1	0	0	1	1	0	0.000	0
517	514	42.16	3.37	3.2	6.85	10.05	0	0	-129	1	0	0	1	1	0	0.000	0
518	515	42.24	3.56	3.2	6.98	10.05	0	0	-148	1	0	0	1	1	0	0.000	0
519	516	42.32	3.87	3.2	6.96	9.61	0	0	-193	1	0	0	1	1	0	0.000	0
520	517	42.4	4.01	3.2	7.22	10	0	0	-206	1	0	0	1	1	0	0.000	0
521	518	42.49	3.99	3.2	7.51	10.96	0	0	-192	1	0	0	1	1	0	0.000	0
522	519	42.57	4.11	3.2	7.3	10.8	0	0	-220	1	0	0	1	1	0	0.000	0
523	520	42.65	4.32	3.2	6.64	9.54	0	0	-295	1	0	0	1	1	0	0.000	0
524	521	42.73	4.51	3.3	6.04	8.78	0	0	-279	1	0	0	1	1	0	0.000	0
525	522	42.81	4.46	3.3	5.81	8.44	0	0	-277	1	0	0	1	1	0	0.000	0
526	523	42.9	4.22	3.3	5.68	8.39	0	0	-316	1	0	0	1	1	0	0.000	0
527	524	42.98	4.04	3.3	5.41	8.05	0	0	-284	1	0	0	1	1	0	0.000	0
528	525	43.06	3.7	3.3	5.06	7.44	0	0	-225	1	0	0	1	1	0	0.000	0
529	526	43.14	3.5	3.3	4.7	7.11	0	0	-199	1	0	0	1	1	0	0.000	0
530	527	43.22	3.23	3.3	4.44	6.65	0	0	-164	1	0	0	1	1	0	0.000	0
531	528	43.31	3.14	3.3	4.19	6.37	0	0	-156	1	0	0	1	1	0	0.000	0
532	529	43.39	3.22	3.4	3.92	6.11	0	0	-173	1	0	0	1	1	0	0.000	0
533	530	43.47	3.32	3.4	3.72	5.56	0	0	-193	1	0	0	1	1	0	0.000	0
534	531	43.55	3.34	3.4	3.56	5.46	0	0	-199	1	0	0	1	1	0	0.000	0
535	532	43.63	3.25	3.4	3.53	5.41	0	0	-185	1	0	0	1	1	0	0.000	0
536	533	43.72	3.26	3.4	3.56	5.38	0	0	-186	1	0	0	1	1	0	0.000	0
537	534	43.8	3.41	3.4	3.62	5.53	0	0	-210	1	0	0	1	1	0	0.000	0
538	535	43.88	3.7	3.4	3.69	5.72	0	0	-266	1	0	0	1	1	0	0.000	0
539	536	43.96	4.02	3.4	3.75	5.78	0	0	-345	1	0	0	1	1	0	0.000	0
540	537	44.04	4.33	3.4	3.8	5.94	0	0	-441	1	0	0	1	1	0	0.000	0
541	538	44.13	4.63	3.4	3.86	6.05	0	0	-558	1	0	0	1	1	0	0.000	0
542	539	44.21	4.87	3.5	3.93	6.13	0	0	-669	1	0	0	1	1	0	0.000	0
543	540	44.29	4.95	3.5	3.98	6.25	0	0	-709	1	0	0	1	1	0	0.000	0
544	541	44.37	4.83	3.4	4.04	6.3	0	0	-640	1	0	0	1	1	0	0.000	0
545	542	44.45	4.7	3.4	4.11	6.39	0	0	-573	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	4.66	3.4	4.21	6.48	0	0	-548	1	0	0	1	1	0	0.000	0
547	544	44.62	4.73	3.4	4.36	6.62	0	0	-569	1	0	0	1	1	0	0.000	0
548	545	44.7	4.84	3.4	4.52	6.93	0	0	-609	1	0	0	1	1	0	0.000	0
549	546	44.78	4.98	3.4	4.61	7.17	0	0	-672	1	0	0	1	1	0	0.000	0
550	547	44.86	5.13	3.4	4.64	7.14	0	0	-753	1	0	0	1	1	0	0.000	0
551	548	44.95	5.37	3.4	4.59	7.2	0	0	-912	1	0	0	1	1	0	0.000	0
552	549	45.03	5.5	3.4	4.55	7.07	0	0	-1014	1	0	0	1	1	0	0.000	0
553	550	45.11	5.42	3.4	4.55	6.96	0	0	-953	1	0	0	1	1	0	0.000	0
554	551	45.19	5.06	3.4	4.59	7.13	0	0	-717	1	0	0	1	1	0	0.000	0
555	552	45.27	4.76	3.4	4.63	7.12	0	0	-563	1	0	0	1	1	0	0.000	0
556	553	45.36	4.62	3.4	4.61	7.07	0	0	-505	1	0	0	1	1	0	0.000	0
557	554	45.44	4.51	3.4	4.61	7	0	0	-463	1	0	0	1	1	0	0.000	0
558	555	45.52	4.41	3.4	4.56	6.99	0	0	-430	1	0	0	1	1	0	0.000	0
559	556	45.6	4.32	3.4	4.47	6.82	0	0	-404	1	0	0	1	1	0	0.000	0
560	557	45.69	4.4	3.4	4.29	6.58	0	0	-441	1	0	0	1	1	0	0.000	0
561	558	45.77	4.46	3.4	4.18	6.36	0	0	-469	1	0	0	1	1	0	0.000	0
562	559	45.85	4.42	3.4	4.13	6.35	0	0	-456	1	0	0	1	1	0	0.000	0
563	560	45.93	4.28	3.4	4.12	6.35	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	4.23	3.4	4.09	6.34	0	0	-[illegible]93	1	0	0	1	1	0	0.000	0
565	562	46.1	4.26	3.4	4.03	6.3	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
566	563	46.18	4.36	3.4	3.97	6.2	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	4.37	3.4	3.94	6.12	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
568	565	46.34	4.39	3.4	3.95	6.14	0	0	-455	1	0	0	1	1	0	0.000	0
569	566	46.42	4.42	3.4	4.01	6.2	0	0	-463	1	0	0	1	1	0	0.000	0
570	567	46.51	4.47	3.4	4.1	6.32	0	0	-477	1	0	0	1	1	0	0.000	0
571	568	46.59	4.44	3.4	4.19	6.56	0	0	-461	1	0	0	1	1	0	0.000	0
572	569	46.67	4.46	3.4	4.23	6.64	0	0	-466	1	0	0	1	1	0	0.000	0
573	570	46.75	4.54	3.4	4.19	6.55	0	0	-499	1	0	0	1	1	0	0.000	0
574	571	46.83	4.78	3.4	4.11	6.5	0	0	-610	1	0	0	1	1	0	0.000	0
575	572	46.92	4.99	3.5	4.04	6.34	0	0	-726	1	0	0	1	1	0	0.000	0
576	573	47	5.22	3.5	3.95	6.26	0	0	-878	1	0	0	1	1	0	0.000	0
577	574	47.08	5.39	3.5	3.89	6.16	0	0	-1009	1	0	0	1	1	0	0.000	0
578	575	47.16	5.57	3.5	3.85	6.17	0	0	-1164	1	0	0	1	1	0	0.000	0
579	576	47.24	5.63	3.5	3.88	6.23	0	0	-1214	1	0	0	1	1	0	0.000	0
580	577	47.33	5.76	3.5	3.93	6.33	0	0	-1332	1	0	0	1	1	0	0.000	0
581	578	47.41	5.93	3.5	3.99	6.41	0	0	-1504	1	0	0	1	1	0	0.000	0
582	579	47.49	6.15	3.5	4.06	6.57	0	0	-1759	1	0	0	1	1	0	0.000	0
583	580	47.57	6.2	3.5	4.16	6.81	0	0	-1804	1	0	0	1	1	0	0.000	0
584	581	47.65	6.24	3.5	4.16	6.99	0	0	-1858	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	6.24	3.5	4.1	6.84	0	0	-1872	1	0	0	1	1	0	0.000	0
586	583	47.82	6.28	3.5	4.06	6.76	0	0	-1937	1	0	0	1	1	0	0.000	0
587	584	47.9	6.16	3.5	4.09	6.83	0	0	-1766	1	0	0	1	1	0	0.000	0
588	585	47.98	6.08	3.5	4.07	6.85	0	0	-1667	1	0	0	1	1	0	0.000	0
589	586	48.06	6.23	3.5	3.99	6.65	0	0	-1882	1	0	0	1	1	0	0.000	0
590	587	48.15	7.82	3.6	4.1	6.59	0	0	-5816	1	0	0	1	1	0	0.000	0
591	588	48.23	7.65	3.4	5.6	7.26	0	0	-4244	1	0	0	1	1	0	0.000	0
592	589	48.31	5.57	3.1	10.75	12.71	0	0	-235	1	0	0	1	1	0	0.000	0
593	590	48.39	4.13	2.9	19.69	27.77	0	0	310	1	0	0	0	1	0	0.000	0
594	591	48.47	3.69	2.7	29.91	45.77	0	0	522	1	0	0	0	1	0	0.000	0
595	592	48.56	3.84	2.6	37.83	54.81	0	0	860	1	0	0	0	1	0	0.000	0
596	593	48.64	3.98	2.6	42.66	60.7	0	0	1149	1	1	0	0	1	0	0.000	0
597	594	48.72	3.72	2.5	49.57	66.35	0	0	1139	1	1	0	0	1	0	0.000	0
598	595	48.8	3.07	2.4	58.18	82.75	0	0	809	1	1	0	0	1	0	0.000	0
599	596	48.88	2.42	2.3	66.94	92.9	0	0	546	1	1	1	0	1	0	0.000	0
600	597	48.97	2.03	2.2	72.06	96.63	0	0	420	1	1	1	0	1	0	0.000	0
601	598	49.05	1.77	2.2	74.94	98.72	0	0	347	1	1	1	0	1	0	0.000	0
602	599	49.13	1.59	2.1	76.64	100.42	0	0	[illegible]	1	1	1	0	1	0	0.000	0
603	600	49.21	1.38	2.1	78.36	99.69	0	0	55	1	1	1	0	1	0	0.000	0
604	601	49.29	1.23	2.1	78.4	100.93	0	0	2.1	1	1	1	0	1	0	0.000	0
605	602	49.38	1.14	2.0	77.19	96.63	0	0.1	199	1	1	1	0	1	0	0.000	0
606	603	49.46	1.13	2.0	74.57	92.85	0	0.11	189	1	1	1	0	1	0	0.000	0
607	604	49.54	1.09	2.0	73.12	90.64	0	0.12	178	1	1	1	0	1	0	0.000	0
608	605	49.62	1.13	2.1	72.5	90.68	0	0.12	183	1	1	1	0	1	0	0.000	0
609	606	49.7	1.18	2.1	71.93	91.81	0	0.11	190	1	1	1	0	1	0	0.000	0
610	607	49.79	1.24	2.1	72.79	89.81	0	0.11	204	1	1	1	0	1	0	0.000	0
611	608	49.87	1.18	2.1	76.06	95.2	0	0.	203	1	1	1	0	1	0	0.000	0
612	609	49.95	1.06	2.0	84.7	101.93	0	0.11	206	1	1	1	0	1	0	0.000	0
613	610	50.03	0.99	1.9	91.88	118.02	0	0.09	212	1	1	1	0	1	0	0.000	0
614	611	50.11	0.95	1.9	97.12	117.33	0	0.11	217	1	1	1	0	1	0	0.000	0
615	612	50.2	0.91	1.9	100.63	117.62	0	0.13	218	1	1	1	0	1	0	0.000	0
616	613	50.28	0.87	1.9	108.09	126.19	0	0.13	227	1	1	1	0	1	0	0.000	0
617	614	50.36	0.93	1.8	117.36	141.45	0	0.09	264	1	1	1	0	1	0	0.000	0
618	615	50.44	1.01	1.8	126.84	153.46	0	0.07	311	1	1	1	0	1	0	0.000	0
619	616	50.52	1.18	1.9	133.66	167.49	0	0.02	388	0	1	1	0	1	0	0.000	0
620	617	50.61	1.35	1.9	133.26	179.87	0	0	454	0	1	1	0	1	0	0.000	0
621	618	50.69	1.61	2.0	131.19	165.02	0	0	569	0	1	1	0	1	0	0.000	0
622	619	50.77	1.68	2.0	127.43	173.94	0	0	588	0	1	1	0	1	0	0.000	0
623	620	50.85	1.51	1.9	132.68	168.15	0	0	525	0	1	1	0	1	0	0.000	0
624	621	50.93	1.42	1.9	136.55	180.32	0	0	498	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	1.37	1.9	142.87	182.76	0	0	499	0	1	1	0	1	0	0.000	0
626	623	51.1	1.48	1.9	147.04	191.64	0	0	571	0	1	1	0	1	0	0.000	0
627	624	51.18	1.51	1.9	148.67	202.85	0	0	595	0	1	1	0	1	0	0.000	0
628	625	51.26	1.6	1.9	147.81	193.9	0	0	643	0	1	1	0	1	0	0.000	0
629	626	51.34	1.58	1.9	145.69	193.02	0	0	621	0	1	1	0	1	0	0.000	0
630	627	51.43	1.53	1.9	147.26	193.49	0	0	600	0	1	1	0	1	0	0.000	0
631	628	51.51	1.44	1.9	149.43	197.21	0	0	560	0	1	1	0	1	0	0.000	0
632	629	51.59	1.3	1.9	152.28	194.11	0	0	501	0	1	1	0	1	0	0.000	0
633	630	51.67	1.09	1.8	156.13	193	0	0	422	0	1	1	0	1	0	0.000	0
634	631	51.75	1.02	1.8	150.13	197.79	0	0	378	0	1	1	0	1	0	0.000	0
635	632	51.84	1.05	1.8	139.96	164.55	0	0	360	0	1	1	0	1	0	0.000	0
636	633	51.92	1.39	2.0	110.7	162.48	0	0	383	0	1	1	0	1	0	0.000	0
637	634	52	1.88	2.2	83.75	103.07	0	0	438	1	1	1	0	1	0	0.000	0
638	635	52.08	2.94	2.4	56.99	76.27	0	0	704	1	1	1	0	1	0	0.000	0
639	636	52.16	4.13	2.6	40.72	63.59	0	0	1216	1	0	0	0	1	0	0.000	0
640	637	52.25	5.85	2.8	29.63	41.19	0	0	2850	1	0	0	0	1	0	0.000	0
641	638	52.33	8.14	3.0	20.64	30.63	0	0	7028	1	0	0	0	1	0	0.000	0
642	639	52.41	8.84	3.1	16.1	21.72	0	0	4989	1	0	0	0	1	0	0.000	0
643	640	52.49	8.11	3.2	12.75	20.7	0	0	211	1	0	0	0	1	0	0.000	0
644	641	52.57	7.3	3.2	10	15.93	0	0	-1202	1	0	0	1	1	0	0.000	0
645	642	52.66	7.71	3.3	7.46	9.82	0	0	-3233	1	0	0	1	1	0	0.000	0
646	643	52.74	6.58	3.4	6.09	9.52	0	0	-1835	1	0	0	1	1	0	0.000	0
647	644	52.82	4.04	3.2	6.16	9.62	0	0	-25	1	0	0	1	1	0	0.000	0
648	645	52.9	2.28	3.1	6.29	9.68	0	0	-55	1	0	1	1	1	0	0.000	0
649	646	52.98	2.05	3.1	6.37	9.8	0	0	-44	1	0	1	1	1	0	0.000	0
650	647	53.07	2.14	3.1	6.31	9.75	0	0	-48	1	0	1	1	1	0	0.000	0
651	648	53.15	2.27	3.1	6.08	9.43	0	0	-56	1	0	1	1	1	0	0.000	0
652	649	53.23	2.4	3.1	5.84	8.94	0	0	-66	1	0	1	1	1	0	0.000	0
653	650	53.31	2.49	3.2	5.65	8.83	0	0	-73	1	0	1	1	1	0	0.000	0
654	651	53.4	2.52	3.2	5.57	8.63	0	0	-76	1	0	1	1	1	0	0.000	0
655	652	53.48	2.48	3.2	5.52	8.52	0	0	-74	1	0	1	1	1	0	0.000	0
656	653	53.56	2.45	3.2	5.58	8.59	0	0	-71	1	0	1	1	1	0	0.000	0
657	654	53.64	2.45	3.2	5.81	8.8	0	0	-69	1	0	1	1	1	0	0.000	0
658	655	53.72	2.51	3.1	6.34	9.49	0	0	-67	1	0	1	1	1	0	0.000	0
659	656	53.81	2.58	3.1	7.16	10.67	0	0	-62	1	0	1	1	1	0	0.000	0
660	657	53.89	2.67	3.1	8.03	12.18	0	0	-56	1	0	1	1	1	0	0.000	0
661	658	53.97	2.82	3.0	8.67	13.18	0	0	-55	1	0	1	1	1	0	0.000	0
662	659	54.05	3.05	3.0	9.1	13.64	0	0	-59	1	0	0	1	1	0	0.000	0
663	660	54.13	3.43	3.1	9.31	14.26	0	0	-77	1	0	0	1	1	0	0.000	0
664	661	54.22	3.85	3.1	9.37	14.4	0	0	-107	1	0	0	1	1	0	0.000	0
665	662	54.3	4.28	3.1	9.18	14.12	0	0	-162	1	0	0	1	1	0	0.000	0
666	663	54.38	4.66	3.2	8.82	13.73	0	0	-243	1	0	0	1	1	0	0.000	0
667	664	54.46	4.99	3.2	8.35	13.07	0	0	-356	1	0	0	1	1	0	0.000	0
668	665	54.54	5.33	3.2	7.83	12.3	0	0	-522	1	0	0	1	1	0	0.000	0
669	666	54.63	5.58	3.3	7.34	11.67	0	0	-699	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	5.77	3.3	6.89	11.06	0	0	-879	1	0	0	1	1	0	0.000	0
671	668	54.79	5.76	3.3	6.5	10.45	0	0	-933	1	0	0	1	1	0	0.000	0
672	669	54.87	5.52	3.3	6.2	10.01	0	0	-816	1	0	0	1	1	0	0.000	0
673	670	54.95	5.12	3.3	6.03	9.72	0	0	-615	1	0	0	1	1	0	0.000	0
674	671	55.04	4.51	3.3	5.87	9.58	0	0	-389	1	0	0	1	1	0	0.000	0
675	672	55.12	4.03	3.3	5.74	9.23	0	0	-268	1	0	0	1	1	0	0.000	0
676	673	55.2	3.61	3.3	5.59	9.05	0	0	-194	1	0	0	1	1	0	0.000	0
677	674	55.28	3.47	3.3	5.47	8.89	0	0	-175	1	0	0	1	1	0	0.000	0
678	675	55.36	3.31	3.3	5.36	8.72	0	0	-155	1	0	0	1	1	0	0.000	0
679	676	55.45	3.2	3.3	5.23	8.43	0	0	-144	1	0	0	1	1	0	0.000	0
680	677	55.53	3.13	3.3	5.07	8.19	0	0	-139	1	0	0	1	1	0	0.000	0
681	678	55.61	3.03	3.3	4.89	7.9	0	0	-130	1	0	0	1	1	0	0.000	0
682	679	55.69	2.9	3.3	4.74	7.66	0	0	-119	1	0	1	1	1	0	0.000	0
683	680	55.77	2.76	3.3	4.64	7.54	0	0	-106	1	0	1	1	1	0	0.000	0
684	681	55.86	2.66	3.3	4.59	7.45	0	0	-98	1	0	1	1	1	0	0.000	0
685	682	55.94	2.62	3.3	4.55	7.4	0	0	-95	1	0	1	1	1	0	0.000	0
686	683	56.02	2.65	3.3	4.51	7.34	0	0	-98	1	0	1	1	1	0	0.000	0
687	684	56.1	2.67	3.3	4.46	7.24	0	0	-101	1	0	1	1	1	0	0.000	0
688	685	56.18	2.66	3.3	4.43	7.16	0	0	-100	1	0	1	1	1	0	0.000	0
689	686	56.27	2.62	3.3	4.38	7.23	0	0	-97	1	0	1	1	1	0	0.000	0
690	687	56.35	2.65	3.3	4.28	7.13	0	0	-101	1	0	1	1	1	0	0.000	0
691	688	56.43	2.66	3.3	4.2	6.87	0	0	-103	1	0	1	1	1	0	0.000	0
692	689	56.51	2.62	3.3	4.15	6.95	0	0	-101	1	0	1	1	1	0	0.000	0
693	690	56.59	2.57	3.3	4.19	6.82	0	0	-95	1	0	1	1	1	0	0.000	0
694	691	56.68	2.56	3.3	4.27	6.96	0	0	-93	1	0	1	1	1	0	0.000	0
695	692	56.76	2.6	3.3	4.42	7.17	0	0	-95	1	0	1	1	1	0	0.000	0
696	693	56.84	2.67	3.3	4.53	7.32	0	0	-100	1	0	1	1	1	0	0.000	0
697	694	56.92	2.76	3.3	4.61	7.48	0	0	-107	1	0	1	1	1	0	0.000	0
698	695	57	2.86	3.3	4.67	7.66	0	0	-116	1	0	1	1	1	0	0.000	0
699	696	57.09	2.96	3.3	4.75	7.78	0	0	-125	1	0	1	1	1	0	0.000	0
700	697	57.17	3.04	3.3	4.88	7.91	0	0	-132	1	0	0	1	1	0	0.000	0
701	698	57.25	3.04	3.2	5.12	8.31	0	0	-127	1	0	0	1	1	0	0.000	0
702	699	57.33	2.97	3.2	5.34	8.62	0	0	-116	1	0	1	1	1	0	0.000	0
703	700	57.41	2.89	3.2	5.49	8.71	0	0	-106	1	0	1	1	1	0	0.000	0
704	701	57.5	2.82	3.2	5.59	8.86	0	0	-99	1	0	1	1	1	0	0.000	0
705	702	57.58	2.81	3.2	5.63	9.02	0	0	-97	1	0	1	1	1	0	0.000	0
706	703	57.66	2.83	3.2	5.63	8.93	0	0	-99	1	0	1	1	1	0	0.000	0
707	704	57.74	2.9	3.2	5.62	8.78	0	0	-105	1	0	1	1	1	0	0.000	0
708	705	57.82	2.95	3.2	5.68	8.94	0	0	-109	1	0	1	1	1	0	0.000	0
709	706	57.91	2.98	3.2	5.79	9.01	0	0	-110	1	0	1	1	1	0	0.000	0
710	707	57.99	3.09	3.2	5.81	9.14	0	0	-121	1	0	0	1	1	0	0.000	0
711	708	58.07	3.21	3.2	5.74	9.05	0	0	-135	1	0	0	1	1	0	0.000	0
712	709	58.15	3.4	3.2	5.53	8.77	0	0	-164	1	0	0	1	1	0	0.000	0
713	710	58.23	3.6	3.3	5.18	8.36	0	0	-203	1	0	0	1	1	0	0.000	0
714	711	58.32	3.43	3.3	4.8	7.86	0	0	-185	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	3.11	3.3	4.52	7.43	0	0	-146	1	0	0	1	1	0	0.000	0
716	713	58.48	2.69	3.3	4.39	7.23	0	0	-103	1	0	1	1	1	0	0.000	0
717	714	58.56	2.75	3.3	4.35	7.19	0	0	-109	1	0	1	1	1	0	0.000	0
718	715	58.64	2.9	3.3	4.37	7.02	0	0	-124	1	0	1	1	1	0	0.000	0
719	716	58.73	3.11	3.3	4.37	7.09	0	0	-149	1	0	0	1	1	0	0.000	0
720	717	58.81	3.29	3.3	4.38	7.06	0	0	-174	1	0	0	1	1	0	0.000	0
721	718	58.89	3.49	3.3	4.3	7.06	0	0	-208	1	0	0	1	1	0	0.000	0
722	719	58.97	3.6	3.4	4.19	6.88	0	0	-231	1	0	0	1	1	0	0.000	0
723	720	59.05	3.66	3.4	4.02	6.73	0	0	-248	1	0	0	1	1	0	0.000	0
724	721	59.14	3.65	3.4	3.87	6.47	0	0	-250	1	0	0	1	1	0	0.000	0
725	722	59.22	3.55	3.4	3.72	6.28	0	0	-234	1	0	0	1	1	0	0.000	0
726	723	59.3	3.39	3.4	3.59	6.08	0	0	-207	1	0	0	1	1	0	0.000	0
727	724	59.38	3.19	3.4	3.48	5.9	0	0	-177	1	0	0	1	1	0	0.000	0
728	725	59.46	3.07	3.4	3.47	5.79	0	0	-160	1	0	0	1	1	0	0.000	0
729	726	59.55	3.05	3.4	3.6	5.98	0	0	-155	1	0	0	1	1	0	0.000	0
730	727	59.63	3.08	3.4	3.82	6.3	0	0	-155	1	0	0	1	1	0	0.000	0
731	728	59.71	3.21	3.4	4.02	6.65	0	0	-169	1	0	0	1	1	0	0.000	0
732	729	59.79	3.4	3.4	4.13	6.9	0	0	-197	1	0	0	1	1	0	0.000	0
733	730	59.87	3.7	3.4	4.19	6.97	0	0	-251	1	0	0	1	1	0	0.000	0
734	731	59.96	4.04	3.4	4.24	7.07	0	0	-331	1	0	0	1	1	0	0.000	0
735	732	60.04	4.27	3.4	4.25	7.18	0	0	-399	1	0	0	1	1	0	0.000	0
736	733	60.12	4.41	3.4	4.24	7.14	0	0	-417	1	0	0	1	1	0	0.000	0
737	734	60.2	4.44	3.4	4.17	7.11	0	0	-46	1	0	0	1	1	0	0.000	0
738	735	60.28	4.45	3.4	4.04	6.98	0	0	-473	1	0	0	1	1	0	0.000	0
739	736	60.37	4.32	3.4	3.89	6.66	0	0	-433	1	0	0	1	1	0	0.000	0
740	737	60.45	4.02	3.4	3.78	6.49	0	0	-343	1	0	0	1	1	0	0.000	0
741	738	60.53	3.67	3.4	3.74	6.47	0	0	-258	1	0	0	1	1	0	0.000	0
742	739	60.61	3.4	3.4	3.72	6.37	0	0	-206	1	0	0	1	1	0	0.000	0
743	740	60.69	3.21	3.4	3.68	6.25	0	0	-176	1	0	0	1	1	0	0.000	0
744	741	60.78	3.15	3.4	3.62	6.16	0	0	-168	1	0	0	1	1	0	0.000	0
745	742	60.86	3.09	3.4	3.53	6.01	0	0	-162	1	0	0	1	1	0	0.000	0
746	743	60.94	3.1	3.4	3.44	5.85	0	0	-165	1	0	0	1	1	0	0.000	0
747	744	61.02	3.11	3.4	3.37	5.78	0	0	-167	1	0	0	1	1	0	0.000	0
748	745	61.1	3.17	3.4	3.33	5.73	0	0	-177	1	0	0	1	1	0	0.000	0
749	746	61.19	3.16	3.4	3.3	5.65	0	0	-176	1	0	0	1	1	0	0.000	0
750	747	61.27	3.06	3.4	3.29	5.64	0	0	-162	1	0	0	1	1	0	0.000	0
751	748	61.35	2.94	3.4	3.33	5.67	0	0	-145	1	0	1	1	1	0	0.000	0
752	749	61.43	2.89	3.4	3.45	5.75	0	0	-137	1	0	1	1	1	0	0.000	0
753	750	61.52	2.94	3.4	3.66	6.01	0	0	-140	1	0	1	1	1	0	0.000	0
754	751	61.6	2.99	3.3	3.94	6.44	0	0	-141	1	0	1	1	1	0	0.000	0
755	752	61.68	3.06	3.3	4.16	6.84	0	0	-146	1	0	0	1	1	0	0.000	0
756	753	61.76	3.23	3.3	4.3	7.03	0	0	-167	1	0	0	1	1	0	0.000	0
757	754	61.84	3.64	3.3	4.36	7.23	0	0	-234	1	0	0	1	1	0	0.000	0
758	755	61.93	4.04	3.4	4.39	7.31	0	0	-325	1	0	0	1	1	0	0.000	0
759	756	62.01	4.38	3.4	4.38	7.36	0	0	-429	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	4.64	3.4	4.32	7.33	0	0	-532	1	0	0	1	1	0	0.000	0
761	758	62.17	4.97	3.4	4.18	7.15	0	0	-703	1	0	0	1	1	0	0.000	0
762	759	62.25	5.23	3.5	3.99	6.85	0	0	-881	1	0	0	1	1	0	0.000	0
763	760	62.34	5.22	3.5	3.86	6.63	0	0	-887	1	0	0	1	1	0	0.000	0
764	761	62.42	5.05	3.5	3.75	6.63	0	0	-787	1	0	0	1	1	0	0.000	0
765	762	62.5	4.82	3.5	3.65	6.45	0	0	-664	1	0	0	1	1	0	0.000	0
766	763	62.58	4.64	3.5	3.51	6.22	0	0	-585	1	0	0	1	1	0	0.000	0
767	764	62.66	4.25	3.5	3.4	6.03	0	0	-432	1	0	0	1	1	0	0.000	0
768	765	62.75	3.81	3.5	3.35	5.92	0	0	-303	1	0	0	1	1	0	0.000	0
769	766	62.83	3.46	3.4	3.34	5.95	0	0	-226	1	0	0	1	1	0	0.000	0
770	767	62.91	3.57	3.4	3.44	5.99	0	0	-246	1	0	0	1	1	0	0.000	0
771	768	62.99	3.98	3.4	3.62	6.28	0	0	-338	1	0	0	1	1	0	0.000	0
772	769	63.07	4.55	3.4	3.88	6.63	0	0	-522	1	0	0	1	1	0	0.000	0
773	770	63.16	4.98	3.4	4.09	6.99	0	0	-716	1	0	0	1	1	0	0.000	0
774	771	63.24	5.26	3.4	4.27	7.27	0	0	-872	1	0	0	1	1	0	0.000	0
775	772	63.32	5.27	3.4	4.4	7.57	0	0	-865	1	0	0	1	1	0	0.000	0
776	773	63.4	5.2	3.4	4.52	7.8	0	0	-807	1	0	0	1	1	0	0.000	0
777	774	63.48	5.01	3.4	4.6	7.91	0	0	-689	1	0	0	1	1	0	0.000	0
778	775	63.57	4.76	3.4	4.65	8.03	0	0	-562	1	0	0	1	1	0	0.000	0
779	776	63.65	4.58	3.4	4.6	8.03	0	0	-490	1	0	0	1	1	0	0.000	0
780	777	63.73	4.53	3.4	4.44	7.73	0	0	-480	1	0	0	1	1	0	0.000	0
781	778	63.81	4.79	3.4	4.24	7.27	0	0	-605	1	0	0	1	1	0	0.000	0
782	779	63.89	5.08	3.4	4.15	7.12	0	0	-761	1	0	0	1	1	0	0.000	0
783	780	63.98	5.32	3.5	4.22	7.16	0	0	-919	1	0	0	1	1	0	0.000	0
784	781	64.06	5.32	3.4	4.37	7.38	0	0	-902	1	0	0	1	1	0	0.000	0
785	782	64.14	5.25	3.4	4.45	7.64	0	0	-846	1	0	0	1	1	0	0.000	0
786	783	64.22	5.26	3.4	4.32	7.51	0	0	-867	1	0	0	1	1	0	0.000	0
787	784	64.3	5.33	3.5	4.12	7.04	0	0	-937	1	0	0	1	1	0	0.000	0
788	785	64.39	5.34	3.5	3.98	6.91	0	0	-960	1	0	0	1	1	0	0.000	0
789	786	64.47	5.16	3.5	4.02	6.99	0	0	-831	1	0	0	1	1	0	0.000	0
790	787	64.55	4.95	3.5	4.03	6.98	0	0	-704	1	0	0	1	1	0	0.000	0
791	788	64.63	4.84	3.4	4.02	6.9	0	0	-647	1	0	0	1	1	0	0.000	0
792	789	64.71	4.73	3.4	4.01	6.9	0	0	-593	1	0	0	1	1	0	0.000	0
793	790	64.8	4.63	3.4	4.05	6.93	0	0	-545	1	0	0	1	1	0	0.000	0
794	791	64.88	4.46	3.4	4.1	7.01	0	0	-473	1	0	0	1	1	0	0.000	0
795	792	64.96	4.25	3.4	4.17	7.06	0	0	-396	1	0	0	1	1	0	0.000	0
796	793	65.04	3.92	3.4	4.25	7.13	0	0	-299	1	0	0	1	1	0	0.000	0
797	794	65.12	3.73	3.4	4.33	7.35	0	0	-253	1	0	0	1	1	0	0.000	0
798	795	65.21	3.63	3.3	4.4	7.33	0	0	-231	1	0	0	1	1	0	0.000	0
799	796	65.29	3.53	3.3	4.39	7.31	0	0	-212	1	0	0	1	1	0	0.000	0
800	797	65.37	3.37	3.3	4.34	7.27	0	0	-187	1	0	0	1	1	0	0.000	0
801	798	65.45	3.24	3.3	4.17	7.11	0	0	-171	1	0	0	1	1	0	0.000	0
802	799	65.53	3.27	3.4	3.96	6.75	0	0	-180	1	0	0	1	1	0	0.000	0
803	800	65.62	3.38	3.4	3.72	6.47	0	0	-203	1	0	0	1	1	0	0.000	0
804	801	65.7	3.58	3.4	3.5	6.26	0	0	-246	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	3.95	3.5	3.23	5.99	0	0	-345	1	0	0	1	1	0	0.000	0
806	803	65.86	4.49	3.5	2.95	5.56	0	0	-551	1	0	0	1	1	0	0.000	0
807	804	65.94	5.07	3.6	2.69	5.24	0	0	-896	1	0	0	1	1	0	0.000	0
808	805	66.03	5.27	3.6	2.52	5.01	0	0	-1066	1	0	0	1	1	0	0.000	0
809	806	66.11	5.22	3.7	2.39	4.86	0	0	-1038	1	0	0	1	1	0	0.000	0
810	807	66.19	5	3.7	2.31	4.64	0	0	-881	1	0	0	1	1	0	0.000	0
811	808	66.27	4.73	3.7	2.25	4.5	0	0	-716	1	0	0	1	1	0	0.000	0
812	809	66.35	4.35	3.6	2.28	4.46	0	0	-527	1	0	0	1	1	0	0.000	0
813	810	66.44	3.89	3.6	2.35	4.59	0	0	-359	1	0	0	1	1	0	0.000	0
814	811	66.52	3.56	3.6	2.42	4.69	0	0	-271	1	0	0	1	1	0	0.000	0
815	812	66.6	3.36	3.5	2.49	4.76	0	0	-227	1	0	0	1	1	0	0.000	0
816	813	66.68	3.28	3.5	2.58	4.84	0	0	-210	1	0	0	1	1	0	0.000	0
817	814	66.76	3.35	3.5	2.67	5.01	0	0	-221	1	0	0	1	1	0	0.000	0
818	815	66.85	3.48	3.5	2.77	5.11	0	0	-244	1	0	0	1	1	0	0.000	0
819	816	66.93	3.68	3.5	2.82	5.24	0	0	-288	1	0	0	1	1	0	0.000	0
820	817	67.01	3.84	3.5	2.84	5.26	0	0	-328	1	0	0	1	1	0	0.000	0
821	818	67.09	4.03	3.5	2.81	5.26	0	0	-385	1	0	0	1	1	0	0.000	0
822	819	67.17	4.2	3.5	2.77	5.18	0	0	-444	1	0	0	1	1	0	0.000	0
823	820	67.26	4.34	3.6	2.74	5.1	0	0	-499	1	0	0	1	1	0	0.000	0
824	821	67.34	4.31	3.6	2.74	5.07	0	0	-487	1	0	0	1	1	0	0.000	0
825	822	67.42	4.13	3.5	2.77	5.12	0	0	-419	1	0	0	1	1	0	0.000	0
826	823	67.5	3.97	3.5	2.89	5.19	0	0	-363	1	0	0	1	1	0	0.000	0
827	824	67.58	3.92	3.5	3.15	5.5	0	0	-351	1	0	0	1	1	0	0.000	0
828	825	67.67	4.04	3.5	3.47	6.12	0	0	-362	1	0	0	1	1	0	0.000	0
829	826	67.75	4.38	3.5	3.68	6.58	0	0	-466	1	0	0	1	1	0	0.000	0
830	827	67.83	5.13	3.5	3.68	6.66	0	0	-845	1	0	0	1	1	0	0.000	0
831	828	67.91	5.84	3.5	3.6	6.59	0	0	-1470	1	0	0	1	1	0	0.000	0
832	829	67.99	6.2	3.5	3.59	6.64	0	0	-1927	1	0	0	1	1	0	0.000	0
833	830	68.08	6.07	3.5	3.63	6.74	0	0	-1741	1	0	0	1	1	0	0.000	0
834	831	68.16	5.8	3.5	3.66	6.65	0	0	-1416	1	0	0	1	1	0	0.000	0
835	832	68.24	5.44	3.5	3.68	6.52	0	0	-1074	1	0	0	1	1	0	0.000	0
836	833	68.32	4.95	3.5	3.72	6.57	0	0	-730	1	0	0	1	1	0	0.000	0
837	834	68.4	4.48	3.5	3.77	6.65	0	0	-500	1	0	0	1	1	0	0.000	0
838	835	68.49	4.07	3.4	3.86	6.74	0	0	-355	1	0	0	1	1	0	0.000	0
839	836	68.57	3.86	3.4	3.91	6.81	0	0	-296	1	0	0	1	1	0	0.000	0
840	837	68.65	3.8	3.4	3.9	6.76	0	0	-282	1	0	0	1	1	0	0.000	0
841	838	68.73	3.85	3.4	3.81	6.56	0	0	-297	1	0	0	1	1	0	0.000	0
842	839	68.81	3.88	3.4	3.69	6.45	0	0	-309	1	0	0	1	1	0	0.000	0
843	840	68.9	3.91	3.4	3.61	6.3	0	0	-320	1	0	0	1	1	0	0.000	0
844	841	68.98	3.91	3.4	3.58	6.25	0	0	-321	1	0	0	1	1	0	0.000	0
845	842	69.06	3.84	3.4	3.59	6.27	0	0	-302	1	0	0	1	1	0	0.000	0
846	843	69.14	3.73	3.4	3.64	6.28	0	0	-274	1	0	0	1	1	0	0.000	0
847	844	69.22	3.6	3.4	3.74	6.38	0	0	-243	1	0	0	1	1	0	0.000	0
848	845	69.31	3.64	3.4	3.84	6.58	0	0	-249	1	0	0	1	1	0	0.000	0
849	846	69.39	3.81	3.4	3.92	6.69	0	0	-284	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	4.03	3.4	3.93	6.77	0	0	-340	1	0	0	1	1	0	0.000	0
851	848	69.55	4.17	3.4	3.93	6.79	0	0	-382	1	0	0	1	1	0	0.000	0
852	849	69.64	4.27	3.4	4	6.9	0	0	-411	1	0	0	1	1	0	0.000	0
853	850	69.72	4.22	3.4	4.12	7.15	0	0	-389	1	0	0	1	1	0	0.000	0
854	851	69.8	4.1	3.4	4.21	7.31	0	0	-349	1	0	0	1	1	0	0.000	0
855	852	69.88	3.82	3.4	4.22	7.22	0	0	-276	1	0	0	1	1	0	0.000	0
856	853	69.96	3.56	3.4	4.16	7.22	0	0	-224	1	0	0	1	1	0	0.000	0
857	854	70.05	3.37	3.4	4.1	7.06	0	0	-192	1	0	0	1	1	0	0.000	0
858	855	70.13	3.3	3.4	4.06	6.96	0	0	-182	1	0	0	1	1	0	0.000	0
859	856	70.21	3.29	3.4	4.02	6.92	0	0	-181	1	0	0	1	1	0	0.000	0
860	857	70.29	3.33	3.4	3.95	6.78	0	0	-189	1	0	0	1	1	0	0.000	0
861	858	70.37	3.43	3.4	3.9	6.6	0	0	-207	1	0	0	1	1	0	0.000	0
862	859	70.46	3.57	3.4	3.93	6.66	0	0	-232	1	0	0	1	1	0	0.000	0
863	860	70.54	3.67	3.4	4.05	6.87	0	0	-249	1	0	0	1	1	0	0.000	0
864	861	70.62	3.71	3.4	4.16	7.09	0	0	-254	1	0	0	1	1	0	0.000	0
865	862	70.7	3.77	3.4	4.24	7.2	0	0	-265	1	0	0	1	1	0	0.000	0
866	863	70.78	4.07	3.4	4.33	7.32	0	0	-335	1	0	0	1	1	0	0.000	0
867	864	70.87	4.17	3.4	4.49	7.54	0	0	-357	1	0	0	1	1	0	0.000	0
868	865	70.95	7.06	3.5	4.78	7.82	0	0	-3128	1	0	0	1	1	0	0.000	0
869	866	71.03	7.04	3.3	7.66	8.46	0	0	-1933	1	0	0	1	1	0	0.000	0
870	867	71.11	5.09	3.0	15.1	20.37	0	0	241	1	0	0	0	1	0	0.000	0
871	868	71.19	4.15	2.8	26.24	44.88	0	0	602	1	0	0	0	1	0	0.000	0
872	869	71.28	3.8	2.6	36.29	67.32	0	0	78	1	0	0	0	1	0	0.000	0
873	870	71.36	4.12	2.6	43.76	71.29	0	0	1336	1	1	0	0	1	0	0.000	0
874	871	71.44	3.9	2.5	48.57	84.94	0	0	1187	1	1	0	0	1	0	0.000	0
875	872	71.52	3.61	2.5	52.5	90.67	0	0	1121	1	1	0	0	1	0	0.000	0
876	873	71.6	2.93	2.4	55.01	88.64	0	0	667	1	1	1	0	1	0	0.000	0
877	874	71.69	2.36	2.4	54.97	90.2	0	0	403	1	1	1	0	1	0	0.000	0
878	875	71.77	1.93	2.3	55.06	82.91	0	0	274	1	1	1	0	1	0	0.000	0
879	876	71.85	1.74	2.3	54.06	82.47	0	0.1	225	1	1	1	0	1	0	0.000	0
880	877	71.93	1.59	2.2	56.11	81.9	0	0.1	205	1	1	1	0	1	0	0.000	0
881	878	72.01	1.45	2.2	59.56	89.33	0	0.09	194	1	1	1	0	1	0	0.000	0
882	879	72.1	1.26	2.1	63.71	94.31	0	0.09	177	1	1	1	0	1	0	0.000	0
883	880	72.18	1.14	2.1	66.01	94.78	0	0.09	165	1	1	1	0	1	0	0.000	0
884	881	72.26	1.03	2.1	66.39	94.82	0	0.1	149	1	1	1	0	1	0	0.000	0
885	882	72.34	1.1	2.1	64.73	92.27	0	0.1	155	1	1	1	0	1	0	0.000	0
886	883	72.42	1.22	2.1	61.73	90.17	0	0.1	164	1	1	1	0	1	0	0.000	0
887	884	72.51	1.42	2.2	58.08	86.9	0	0.1	183	1	1	1	0	1	0	0.000	0
888	885	72.59	1.51	2.2	54.44	82.08	0	0.1	183	1	1	1	0	1	0	0.000	0
889	886	72.67	1.66	2.3	49.47	76.89	0	0.11	186	1	1	1	0	1	0	0.000	0
890	887	72.75	1.82	2.3	44.99	67.83	0	0.14	189	1	1	1	0	1	0	0.000	0
891	888	72.83	1.95	2.4	42.08	64.68	0	0.15	194	1	1	1	0	1	0	0.000	0
892	889	72.92	1.92	2.4	40.93	65.38	0	0.15	181	1	1	1	0	1	0	0.000	0
893	890	73	1.85	2.4	41.06	62.44	0	0.16	171	1	1	1	0	1	0	0.000	0
894	891	73.08	1.79	2.4	41.35	64.65	0	0.16	163	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	1.6	2.3	43.72	65.91	0	0.16	148	1	1	1	0	1	0	0.000	0
896	893	73.24	1.43	2.3	45.74	70.44	0	0.14	135	1	1	1	0	1	0	0.000	0
897	894	73.33	1.28	2.2	48.5	70.63	0	0.15	127	1	1	1	0	1	0	0.000	0
898	895	73.41	1.33	2.2	50.31	75.34	0	0.13	139	1	1	1	0	1	0	0.000	0
899	896	73.49	1.32	2.2	51.95	79.08	0	0.12	144	1	1	1	0	1	0	0.000	0
900	897	73.57	1.3	2.2	51.37	77.76	0	0.12	139	1	1	1	0	1	0	0.000	0
901	898	73.65	1.17	2.2	50.61	72.09	0	0.15	121	1	1	1	0	1	0	0.000	0
902	899	73.74	1.05	2.2	50	72.87	0	0.15	106	1	1	1	0	1	0	0.000	0
903	900	73.82	1.05	2.2	49.13	72.59	0	0.15	103	1	1	1	0	1	0	0.000	0
904	901	73.9	1.06	2.2	47.77	68.42	0	0.17	101	1	1	1	0	1	0	0.000	0
905	902	73.98	1.28	2.2	45.78	67.91	0	0.16	117	1	1	1	0	1	0	0.000	0
906	903	74.06	1.44	2.3	46.77	68.68	0	0.15	140	1	1	1	0	1	0	0.000	0
907	904	74.15	1.63	2.3	49.84	76.39	0	0.12	182	1	1	1	0	1	0	0.000	0
908	905	74.23	1.56	2.2	57.35	85.08	0	0.1	205	1	1	1	0	1	0	0.000	0
909	906	74.31	1.45	2.2	66.05	101.73	0	0.06	221	1	1	1	0	1	0	0.000	0
910	907	74.39	1.48	2.1	71.25	113.6	0	0.04	250	1	1	1	0	1	0	0.000	0
911	908	74.47	1.63	2.2	73.86	109.43	0	0.05	300	1	1	1	0	1	0	0.000	0
912	909	74.56	1.74	2.2	75.13	118.7	0	0.02	339	1	1	1	0	1	0	0.000	0
913	910	74.64	1.62	2.1	79.66	122.87	0	0.02	325	1	1	1	0	1	0	0.000	0
914	911	74.72	1.33	2.1	84.31	126.61	0	0.03	265	1	1	1	0	1	0	0.000	0
915	912	74.8	1.06	2.0	87.61	127.01	0	0.05	214	1	1	1	0	1	0	0.000	0
916	913	74.88	0.9	1.9	87.96	121.43	0	0.08	135	1	1	1	0	1	0	0.000	0
917	914	74.97	0.86	1.9	84.02	116.48	0	0.1	16	1	1	1	0	1	0	0.000	0
918	915	75.05	0.98	2.0	78.81	108.26	0	0.09	175	1	1	1	0	1	0	0.000	0
919	916	75.13	1.07	2.0	74.69	107.82	0	0.08	79	1	1	1	0	1	0	0.000	0
920	917	75.21	1.22	2.1	72.64	106.59	0	0.07	200	1	1	1	0	1	0	0.000	0
921	918	75.29	1.26	2.1	71.84	106.7	0	0.06	205	1	1	1	0	1	0	0.000	0
922	919	75.38	1.32	2.1	71.99	106.96	0	0.06	217	1	1	1	0	1	0	0.000	0
923	920	75.46	1.33	2.1	73.61	109.96	0	0.06	225	1	1	1	0	1	0	0.000	0
924	921	75.54	1.4	2.1	75.1	115.19	0	0.05	247	1	1	1	0	1	0	0.000	0
925	922	75.62	1.66	2.2	73.44	117.57	0	0.03	306	1	1	1	0	1	0	0.000	0
926	923	75.7	2.11	2.3	68.93	111.61	0	0.03	428	1	1	1	0	1	0	0.000	0
927	924	75.79	2.53	2.3	62.86	106.16	0	0.04	557	1	1	1	0	1	0	0.000	0
928	925	75.87	2.79	2.4	55.83	96.29	0	0.05	602	1	1	1	0	1	0	0.000	0
929	926	75.95	2.79	2.4	50.02	80.31	0	0.09	521	1	1	1	0	1	0	0.000	0
930	927	76.03	2.76	2.5	47.03	76.9	0	0.1	467	1	1	1	0	1	0	0.000	0
931	928	76.11	2.64	2.4	47.52	80.71	0	0.09	426	1	1	1	0	1	0	0.000	0
932	929	76.2	2.42	2.4	49.69	81.47	0	0.09	373	1	1	1	0	1	0	0.000	0
933	930	76.28	1.98	2.3	51.66	84.56	0	0.09	264	1	1	1	0	1	0	0.000	0
934	931	76.36	1.69	2.3	52.43	83.86	0	0.09	206	1	1	1	0	1	0	0.000	0
935	932	76.44	1.65	2.3	51.15	79.99	0	0.11	192	1	1	1	0	1	0	0.000	0
936	933	76.52	1.88	2.3	49.95	77.94	0	0.11	230	1	1	1	0	1	0	0.000	0
937	934	76.61	1.9	2.3	50.47	82.21	0	0.09	238	1	1	1	0	1	0	0.000	0
938	935	76.69	1.82	2.3	52.16	83.08	0	0.09	231	1	1	1	0	1	0	0.000	0
939	936	76.77	1.68	2.3	52.59	84.72	0	0.09	205	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
940	937	76.85	1.71	2.3	53.92	81.79	0	0.1	218	1	1	1	0	1	0	0.000	0
941	938	76.93	1.7	2.3	55.36	89.98	0	0.08	223	1	1	1	0	1	0	0.000	0
942	939	77.02	1.64	2.2	57.36	91.39	0	0.08	221	1	1	1	0	1	0	0.000	0
943	940	77.1	1.64	2.2	56.62	90.16	0	0.08	218	1	1	1	0	1	0	0.000	0
944	941	77.18	1.58	2.2	54.33	86.5	0	0.09	195	1	1	1	0	1	0	0.000	0
945	942	77.26	2.03	2.3	50.49	80.14	0	0.1	268	1	1	1	0	1	0	0.000	0
946	943	77.34	2.15	2.4	47.3	79.93	0	0.1	274	1	1	1	0	1	0	0.000	0
947	944	77.43	2.36	2.4	43.33	73.58	0	0.11	293	1	1	1	0	1	0	0.000	0
948	945	77.51	2.03	2.4	41.95	63.59	0	0.16	208	1	1	1	0	1	0	0.000	0
949	946	77.59	1.95	2.4	40.52	68.94	0	0.13	184	1	1	1	0	1	0	0.000	0
950	947	77.67	1.99	2.4	41.54	65.38	0	0.15	198	1	1	1	0	1	0	0.000	0
951	948	77.75	1.9	2.4	41.11	69.07	0	0.13	179	1	1	1	0	1	0	0.000	0
952	949	77.84	1.64	2.3	42.83	65.7	0	0.15	150	1	1	1	0	1	0	0.000	0
953	950	77.92	1.24	2.2	46.26	69.45	0	0.15	114	1	1	1	0	1	0	0.000	0
954	951	78	1.14	2.2	50.95	77.33	0	0	118	1	1	1	0	1	0	0.000	0
955	952	78.08	1.36	2.2	50.94	84.6	0	0	146	1	1	1	0	1	0	0.000	0
956	953	78.17	1.64	2.3	47.97	74.68	0	0	175	1	1	1	0	1	0	0.000	0
957	954	78.25	2.06	2.4	41.26	70.11	0	0	209	1	1	1	0	1	0	0.000	0
958	955	78.33	2.36	2.5	36.73	59.51	0	0	230	1	1	1	0	1	0	0.000	0
959	956	78.41	2.52	2.5	33.94	56.7	0	0	235	1	1	1	0	1	0	0.000	0
960	957	78.49	2.44	2.5	33.72	58.08	0	0.17	217	1	1	1	0	1	0	0.000	0
961	958	78.58	2.57	2.5	33.74	58.11	0	0.17	243	1	1	1	0	1	0	0.000	0
962	959	78.66	2.73	2.6	34.19	57.98	0	0.17	284	1	1	1	0	1	0	0.000	0
963	960	78.74	2.82	2.5	36.48	61.69	0	0	342	1	1	1	0	1	0	0.000	0
964	961	78.82	2.8	2.5	41.02	70.7	0	0	400	1	1	1	0	1	0	0.000	0
965	962	78.9	2.83	2.5	46.91	81.29	0	0	495	1	1	1	0	1	0	0.000	0
966	963	78.99	2.95	2.4	53.74	92.87	0	0	658	1	1	1	0	1	0	0.000	0
967	964	79.07	3	2.4	59.3	108.76	0	0	780	1	1	0	0	1	0	0.000	0
968	965	79.15	3.16	2.4	58.01	112.14	0	0.01	871	1	1	0	0	1	0	0.000	0
969	966	79.23	3.03	2.4	56.65	88.53	0	0.07	755	1	1	0	0	1	0	0.000	0
970	967	79.31	2.76	2.4	56.84	99.44	0	0.05	600	1	1	1	0	1	0	0.000	0
971	968	79.4	2.31	2.3	60.47	108.52	0	0.03	436	1	1	1	0	1	0	0.000	0
972	969	79.48	2.18	2.3	60	100.27	0	0.05	384	1	1	1	0	1	0	0.000	0
973	970	79.56	2.14	2.3	58.11	94.4	0	0.06	356	1	1	1	0	1	0	0.000	0
974	971	79.64	2.32	2.3	56.52	98.22	0	0.05	404	1	1	1	0	1	0	0.000	0
975	972	79.72	2.37	2.4	55.06	95.5	0	0.06	408	1	1	1	0	1	0	0.000	0
976	973	79.81	2.46	2.4	52.77	88.25	0	0.07	418	1	1	1	0	1	0	0.000	0
977	974	79.89	2.34	2.4	50.99	87.75	0	0.07	359	1	1	1	0	1	0	0.000	0
978	975	79.97	2.14	2.4	49.1	84.47	0	0.08	285	1	1	1	0	1	0	0.000	0
979	976	80.05	1.88	2.3	46.99	75.59	0	0.11	212	1	1	1	0	1	0	0.000	0
980	977	80.13	1.76	2.3	46.48	73.14	0	0.12	187	1	1	1	0	1	0	0.000	0
981	978	80.22	1.78	2.3	49.76	79.81	0	0.1	209	1	1	1	0	1	0	0.000	0
982	979	80.3	2.06	2.3	53.63	92.66	0	0.07	298	1	1	1	0	1	0	0.000	0
983	980	80.38	2.59	2.4	55.55	98.06	0	0.05	502	1	1	1	0	1	0	0.000	0
984	981	80.46	2.79	2.4	56.81	98.96	0	0.05	616	1	1	1	0	1	0	0.000	0

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985	982	80.54	2.56	2.4	58.45	103.04	0	0.04	521	1	1	1	0	1	0	0.000	0
986	983	80.63	2.17	2.3	61.52	103.04	0	0.05	393	1	1	1	0	1	0	0.000	0
987	984	80.71	2.06	2.3	64.86	107.98	0	0.04	380	1	1	1	0	1	0	0.000	0
988	985	80.79	2.03	2.2	72.2	117.5	0	0.02	421	1	1	1	0	1	0	0.000	0
989	986	80.87	1.83	2.2	78.52	141.43	0	0	388	1	1	1	0	1	0	0.000	0
990	987	80.95	1.6	2.1	80.75	134.38	0	0	324	1	1	1	0	1	0	0.000	0
991	988	81.04	1.34	2.1	78.48	119.37	0	0.04	246	1	1	1	0	1	0	0.000	0
992	989	81.12	1.19	2.1	76.35	117.73	0	0.05	206	1	1	1	0	1	0	0.000	0
993	990	81.2	1.07	2.0	78.95	114.87	0	0.07	191	1	1	1	0	1	0	0.000	0
994	991	81.28	1.03	2.0	80	124.75	0	0.05	187	1	1	1	0	1	0	0.000	0
995	992	81.36	1.06	2.0	78.69	119.53	0	0.06	189	1	1	1	0	1	0	0.000	0
996	993	81.45	1.2	2.1	75.83	111.37	0	0.06	207	1	1	1	0	1	0	0.000	0
997	994	81.53	1.42	2.1	74.09	120.37	0	0.03	247	1	1	1	0	1	0	0.000	0
998	995	81.61	1.39	2.1	76.45	121.83	0	0.03	250	1	1	1	0	1	0	0.000	0
999	996	81.69	1.33	2.1	78.94	123.02	0	0.03	245	1	1	1	0	1	0	0.000	0
1000	997	81.77	1.21	2.0	83.92	128.34	0	0.03	235	1	1	1	0	1	0	0.000	0
1001	998	81.86	1.23	2.0	86.68	140.06	0	0.01	249	1	1	1	0	1	0	0.000	0
1002	999	81.94	1.24	2.0	87.24	136.66	0	0.01	253	1	1	1	0	1	0	0.000	0
1003	1000	82.02	1.25	2.0	84.73	132.13	0	0.02	247	1	1	1	0	1	0	0.000	0
1004	1001	82.1	1.21	2.0	83.05	128.21	0	0.03	232	1	1	1	0	1	0	0.000	0
1005	1002	82.18	1.14	2.0	82.72	126.47	0	0.04	216	1	1	1	0	1	0	0.000	0
1006	1003	82.27	1.05	2.0	82.18	125.63	0	0.05	197	1	1	1	0	1	0	0.000	0
1007	1004	82.35	0.97	2.0	81.48	119.29	0	0.07	181	1	1	1	0	1	0	0.000	0
1008	1005	82.43	0.91	2.0	80.14	117.18	0	0.08	167	1	1	1	0	1	0	0.000	0
1009	1006	82.51	0.83	1.9	80.64	113.72	0	0.1	156	1	1	1	0	1	0	0.000	0
1010	1007	82.59	0.79	1.9	80.62	115.41	0	0.1	150	1	1	1	0	1	0	0.000	0
1011	1008	82.68	0.78	1.9	80.98	112.52	0	0.12	149	1	1	1	0	1	0	0.000	0
1012	1009	82.76	0.82	1.9	78.81	115.17	0	0.09	150	1	1	1	0	1	0	0.000	0
1013	1010	82.84	0.9	2.0	76.36	110.89	0	0.09	156	1	1	1	0	1	0	0.000	0
1014	1011	82.92	1.02	2.0	73.3	109.96	0	0.07	167	1	1	1	0	1	0	0.000	0
1015	1012	83	1.16	2.1	70.16	111.31	0	0.06	181	1	1	1	0	1	0	0.000	0
1016	1013	83.09	1.41	2.1	66.99	106.41	0	0.06	217	1	1	1	0	1	0	0.000	0
1017	1014	83.17	1.52	2.2	65.68	105.93	0	0.05	234	1	1	1	0	1	0	0.000	0
1018	1015	83.25	1.83	2.2	66.06	110.99	0	0.03	315	1	1	1	0	1	0	0.000	0
1019	1016	83.33	1.74	2.2	69.39	117.94	0	0.02	308	1	1	1	0	1	0	0.000	0
1020	1017	83.41	1.71	2.2	71.06	121.65	0	0.01	308	1	1	1	0	1	0	0.000	0
1021	1018	83.5	1.42	2.1	72.56	117.49	0	0.04	241	1	1	1	0	1	0	0.000	0
1022	1019	83.58	1.38	2.1	70.5	115.79	0	0.04	224	1	1	1	0	1	0	0.000	0
1023	1020	83.66	1.35	2.1	69.19	108.51	0	0.06	213	1	1	1	0	1	0	0.000	0
1024	1021	83.74	1.41	2.2	64.74	110.81	0	0.05	208	1	1	1	0	1	0	0.000	0
1025	1022	83.82	1.41	2.2	61.94	96.08	0	0.07	197	1	1	1	0	1	0	0.000	0
1026	1023	83.91	1.35	2.2	58.75	95.33	0	0.08	174	1	1	1	0	1	0	0.000	0
1027	1024	83.99	1.14	2.1	59.54	92.52	0	0.09	145	1	1	1	0	1	0	0.000	0
1028	1025	84.07	1.11	2.1	60.05	93.41	0	0.09	142	1	1	1	0	1	0	0.000	0
1029	1026	84.15	1.09	2.1	61.3	95.69	0	0.09	143	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1030	1027	84.23	1.01	2.1	63.1	96.99	0	0.09	138	1	1	1	0	1	0	0.000	0
1031	1028	84.32	0.97	2.1	63.58	98.3	0	0.09	134	1	1	1	0	1	0	0.000	0
1032	1029	84.4	0.94	2.0	65.61	95.13	0	0.11	135	1	1	1	0	1	0	0.000	0
1033	1030	84.48	0.97	2.0	69.61	104.54	0	0.08	149	1	1	1	0	1	0	0.000	0
1034	1031	84.56	0.91	2.0	75.51	116.31	0	0.07	156	1	1	1	0	1	0	0.000	0
1035	1032	84.64	0.89	2.0	79.23	117.6	0	0.08	162	1	1	1	0	1	0	0.000	0
1036	1033	84.73	0.94	2.0	79.67	119.06	0	0.07	171	1	1	1	0	1	0	0.000	0
1037	1034	84.81	0.97	2.0	80.61	121.03	0	0.06	178	1	1	1	0	1	0	0.000	0
1038	1035	84.89	0.99	2.0	78.66	125.12	0	0.05	176	1	1	1	0	1	0	0.000	0
1039	1036	84.97	1.04	2.0	72.59	113.16	0	0.06	168	1	1	1	0	1	0	0.000	0
1040	1037	85.05	1.18	2.1	64.23	98.48	0	0.08	165	1	1	1	0	1	0	0.000	0
1041	1038	85.14	1.27	2.2	60.22	93.38	0	0.08	166	1	1	1	0	1	0	0.000	0
1042	1039	85.22	1.18	2.1	62.01	98.2	0	0.08	158	1	1	1	0	1	0	0.000	0
1043	1040	85.3	1.14	2.1	66.45	104.56	0	0.07	166	1	1	1	0	1	0	0.000	0
1044	1041	85.38	1.11	2.1	70.94	112.33	0	0.06	175	1	1	1	0	1	0	0.000	0
1045	1042	85.46	1.28	2.1	73.23	118.93	0	0.04	214	1	1	1	0	1	0	0.000	0
1046	1043	85.55	1.29	2.1	75.24	122.72	0	0.03	223	1	1	1	0	1	0	0.000	0
1047	1044	85.63	1.38	2.1	76.44	124.71	0	0.02	247	1	1	1	0	1	0	0.000	0
1048	1045	85.71	1.3	2.1	80.47	128.04	0	0.02	244	1	1	1	0	1	0	0.000	0
1049	1046	85.79	1.34	2.1	83.6	140.61	0	0	265	1	1	1	0	1	0	0.000	0
1050	1047	85.87	1.5	2.1	84.32	143.39	0	0	311	1	1	1	0	1	0	0.000	0
1051	1048	85.96	1.62	2.1	82.73	141.16	0	0	310	1	1	1	0	1	0	0.000	0
1052	1049	86.04	1.65	2.1	82.3	138.72	0	0	347	1	1	1	0	1	0	0.000	0
1053	1050	86.12	1.58	2.1	82.21	143.34	0	0	325	1	1	1	0	1	0	0.000	0
1054	1051	86.2	1.78	2.1	81.15	138.97	0	0	385	1	1	1	0	1	0	0.000	0
1055	1052	86.28	1.98	2.2	80.98	142.05	0	0	462	1	1	1	0	1	0	0.000	0
1056	1053	86.37	2.13	2.2	81.66	152.08	0	0	534	1	1	1	0	1	0	0.000	0
1057	1054	86.45	2.03	2.2	84.84	149.13	0	0	510	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.93	2.2	84.95	157.96	0	0	467	1	1	1	0	1	0	0.000	0
1059	1056	86.61	1.82	2.1	85.7	148.02	0	0	426	1	1	1	0	1	0	0.000	0
1060	1057	86.7	1.9	2.2	82.55	149.38	0	0	439	1	1	1	0	1	0	0.000	0
1061	1058	86.78	2.13	2.2	78.49	143.77	0	0	510	1	1	1	0	1	0	0.000	0
1062	1059	86.86	2.32	2.3	74.62	134.25	0	0	569	1	1	1	0	1	0	0.000	0
1063	1060	86.94	2.49	2.3	72.65	134.04	0	0	642	1	1	1	0	1	0	0.000	0
1064	1061	87.02	2.52	2.3	72.56	137.81	0	0	658	1	1	1	0	1	0	0.000	0
1065	1062	87.11	2.63	2.3	69.93	135.72	0	0	693	1	1	1	0	1	0	0.000	0
1066	1063	87.19	2.58	2.3	65.64	121.47	0	0	614	1	1	1	0	1	0	0.000	0
1067	1064	87.27	2.48	2.3	61.02	111.2	0	0.02	513	1	1	1	0	1	0	0.000	0
1068	1065	87.35	2.05	2.3	61.06	105.66	0	0.04	349	1	1	1	0	1	0	0.000	0
1069	1066	87.43	1.59	2.2	63.75	110.64	0	0.04	241	1	1	1	0	1	0	0.000	0
1070	1067	87.52	1.21	2.1	68.95	110.51	0	0.06	186	1	1	1	0	1	0	0.000	0
1071	1068	87.6	1.17	2.1	73.78	116.7	0	0.05	194	1	1	1	0	1	0	0.000	0
1072	1069	87.68	1.34	2.1	75.18	132.37	0	0	233	1	1	1	0	1	0	0.000	0
1073	1070	87.76	1.73	2.2	71.24	127.21	0	0	315	1	1	1	0	1	0	0.000	0
1074	1071	87.84	2.05	2.3	66.42	113.78	0	0.02	387	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	2.19	2.3	62.68	117.81	0	0.01	409	1	1	1	0	1	0	0.000	0
1076	1073	88.01	2.05	2.3	61.36	110.45	0	0.03	351	1	1	1	0	1	0	0.000	0
1077	1074	88.09	1.88	2.2	62.91	103.21	0	0.05	310	1	1	1	0	1	0	0.000	0
1078	1075	88.17	1.82	2.2	67.16	121.67	0	0.01	318	1	1	1	0	1	0	0.000	0
1079	1076	88.25	1.78	2.2	74.58	132.14	0	0	348	1	1	1	0	1	0	0.000	0
1080	1077	88.34	1.73	2.2	77.3	143.16	0	0	347	1	1	1	0	1	0	0.000	0
1081	1078	88.42	1.66	2.1	78.78	134.11	0	0	333	1	1	1	0	1	0	0.000	0
1082	1079	88.5	1.65	2.1	79.4	137.44	0	0	333	1	1	1	0	1	0	0.000	0
1083	1080	88.58	1.78	2.2	80.44	146.75	0	0	381	1	1	1	0	1	0	0.000	0
1084	1081	88.66	1.88	2.2	81.81	146.43	0	0	426	1	1	1	0	1	0	0.000	0
1085	1082	88.75	1.87	2.1	84.93	150.36	0	0	442	1	1	1	0	1	0	0.000	0
1086	1083	88.83	1.74	2.1	90.14	164.84	0	0	420	0	1	1	0	1	0	0.000	0
1087	1084	88.91	1.63	2.1	93.94	170.92	0	0	398	0	1	1	0	1	0	0.000	0
1088	1085	88.99	1.54	2.1	94.41	164.81	0	0	368	0	1	1	0	1	0	0.000	0
1089	1086	89.07	1.48	2.0	93.65	160.37	0	0	345	1	1	0	1	0	0.000	0	
1090	1087	89.16	1.43	2.0	91.76	161.71	0	0	321	0	1	1	0	1	0	0.000	0
1091	1088	89.24	1.38	2.0	89.92	151.07	0	0	299	1	1	1	0	1	0	0.000	0
1092	1089	89.32	1.41	2.1	87.18	148.06	0	0	297	1	1	1	0	1	0	0.000	0
1093	1090	89.4	1.35	2.0	87.69	147.52	0	0	283	1	1	1	0	1	0	0.000	0
1094	1091	89.48	1.21	2.0	89.85	148.96	0	0	255	1	1	1	0	1	0	0.000	0
1095	1092	89.57	0.98	1.9	93.94	145.62	0	0.03	215	1	1	1	0	1	0	0.000	0
1096	1093	89.65	0.88	1.9	96.37	145.44	0	0.05	201	1	1	1	0	1	0	0.000	0
1097	1094	89.73	0.98	1.9	95.52	149.48	0	0.03	21	1	1	1	0	1	0	0.000	0
1098	1095	89.81	1.19	2.0	93.29	152.66	0	0	261	1	1	1	0	1	0	0.000	0
1099	1096	89.89	1.38	2.0	90.78	157.42	0	0	03	1	1	1	0	1	0	0.000	0
1100	1097	89.98	1.43	2.1	89.19	154.38	0	0	311	1	1	1	0	1	0	0.000	0
1101	1098	90.06	1.42	2.1	86.31	150.65	0	0	296	1	1	1	0	1	0	0.000	0
1102	1099	90.14	1.37	2.1	82.71	141.59	0	0	269	1	1	1	0	1	0	0.000	0
1103	1100	90.22	1.16	2.0	78.79	130.82	0	0.02	208	1	1	1	0	1	0	0.000	0
1104	1101	90.3	0.96	2.0	75.42	116.63	0	0.07	163	1	1	1	0	1	0	0.000	0
1105	1102	90.39	0.76	2.0	72.23	108.91	0	0.1	127	1	1	1	0	1	0	0.000	0
1106	1103	90.47	0.74	2.0	68.73	101.15	0	0.12	118	1	1	1	0	1	0	0.000	0
1107	1104	90.55	0.78	2.0	65.73	98.46	0	0.12	116	1	1	1	0	1	0	0.000	0
1108	1105	90.63	0.77	2.0	65.69	98.63	0	0.12	115	1	1	1	0	1	0	0.000	0
1109	1106	90.71	0.8	2.0	66.36	102.11	0	0.1	120	1	1	1	0	1	0	0.000	0
1110	1107	90.8	0.78	2.0	68.72	102.66	0	0.11	122	1	1	1	0	1	0	0.000	0
1111	1108	90.88	0.89	2.0	69.91	109.51	0	0.08	139	1	1	1	0	1	0	0.000	0
1112	1109	90.96	1	2.0	71.76	114.84	0	0.06	160	1	1	1	0	1	0	0.000	0
1113	1110	91.04	1.09	2.0	73.19	120.32	0	0.05	178	1	1	1	0	1	0	0.000	0
1114	1111	91.12	1.12	2.0	73.97	123.27	0	0.04	186	1	1	1	0	1	0	0.000	0
1115	1112	91.21	1.18	2.1	70.87	122.12	0	0.03	187	1	1	1	0	1	0	0.000	0
1116	1113	91.29	1.25	2.1	65.36	109.03	0	0.05	181	1	1	1	0	1	0	0.000	0
1117	1114	91.37	1.3	2.2	61.4	100.02	0	0.07	175	1	1	1	0	1	0	0.000	0
1118	1115	91.45	1.13	2.1	65.61	102.91	0	0.07	162	1	1	1	0	1	0	0.000	0
1119	1116	91.53	0.98	2.0	74.08	122.05	0	0.05	163	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1120	1117	91.62	0.91	1.9	84.6	130.04	0	0.06	178	1	1	1	0	1	0	0.000	0
1121	1118	91.7	0.99	1.9	90.56	147.12	0	0.02	208	1	1	1	0	1	0	0.000	0
1122	1119	91.78	0.99	1.9	96.19	152.59	0	0.02	223	1	1	1	0	1	0	0.000	0
1123	1120	91.86	0.99	1.9	99.19	157.24	0	0.01	231	1	1	1	0	1	0	0.000	0
1124	1121	91.94	1.04	1.9	102.08	161.7	0	0	251	0	1	1	0	1	0	0.000	0
1125	1122	92.03	1.28	2.0	100.51	178.29	0	0	310	0	1	1	0	1	0	0.000	0
1126	1123	92.11	1.35	2.0	99.24	174.22	0	0	326	0	1	1	0	1	0	0.000	0
1127	1124	92.19	1.33	2.0	96.58	166.87	0	0	310	0	1	1	0	1	0	0.000	0
1128	1125	92.27	1.17	2.0	96.18	160.17	0	0	265	0	1	1	0	1	0	0.000	0
1129	1126	92.35	1.22	2.0	92.82	160.76	0	0	267	0	1	1	0	1	0	0.000	0
1130	1127	92.44	1.25	2.0	90.04	150.32	0	0	265	1	1	1	0	1	0	0.000	0
1131	1128	92.52	1.45	2.1	86.12	151.46	0	0	304	1	1	1	0	1	0	0.000	0
1132	1129	92.6	1.63	2.1	83.98	154.71	0	0	349	1	1	1	0	1	0	0.000	0
1133	1130	92.68	1.83	2.1	83.91	152.28	0	0	420	1	1	1	0	1	0	0.000	0
1134	1131	92.76	1.85	2.1	87.42	163.33	0	0	448	1	1	1	0	1	0	0.000	0
1135	1132	92.85	1.79	2.1	94.04	179.09	0	0	462	0	1	1	0	1	0	0.000	0
1136	1133	92.93	1.79	2.1	100.86	189.09	0	0	501	0	1	1	0	1	0	0.000	0
1137	1134	93.01	1.82	2.1	103.92	200.16	0	0	532	0	1	1	0	1	0	0.000	0
1138	1135	93.09	1.91	2.1	102.49	195.93	0	0	569	0	1	1	0	1	0	0.000	0
1139	1136	93.17	1.98	2.1	99.97	186.6	0	0	590	0	1	1	0	1	0	0.000	0
1140	1137	93.26	2	2.1	97.06	191.07	0	0	581	0	1	1	0	1	0	0.000	0
1141	1138	93.34	1.94	2.1	96.28	182.78	0	0	515	0	1	1	0	1	0	0.000	0
1142	1139	93.42	1.85	2.1	94.98	180.82	0	0	49	0	1	1	0	1	0	0.000	0
1143	1140	93.5	1.62	2.1	96.99	179.97	0	0	405	0	1	1	0	1	0	0.000	0
1144	1141	93.58	1.41	2.0	102.39	178.82	0	0	58	0	1	1	0	1	0	0.000	0
1145	1142	93.67	1.14	1.9	110.61	188.64	0	0	302	0	1	1	0	1	0	0.000	0
1146	1143	93.75	1.07	1.9	119.11	192.94	0	0	307	0	1	1	0	1	0	0.000	0
1147	1144	93.83	0.96	1.8	124.31	203.51	0	0	290	0	1	1	0	1	0	0.000	0
1148	1145	93.91	1.09	1.9	122.22	202.4	0	0	322	0	1	1	0	1	0	0.000	0
1149	1146	93.99	1.26	1.9	114.41	203.44	0	0	352	0	1	1	0	1	0	0.000	0
1150	1147	94.08	1.43	2.0	106.62	191.02	0	0	381	0	1	1	0	1	0	0.000	0
1151	1148	94.16	1.46	2.0	99.32	183.44	0	0	362	0	1	1	0	1	0	0.000	0
1152	1149	94.24	1.43	2.0	91.87	167.94	0	0	322	0	1	1	0	1	0	0.000	0
1153	1150	94.32	1.47	2.1	84.28	147.12	0	0	302	1	1	1	0	1	0	0.000	0
1154	1151	94.41	1.45	2.1	77.53	142.02	0	0	269	1	1	1	0	1	0	0.000	0
1155	1152	94.49	1.32	2.1	74.32	127.85	0	0.01	226	1	1	1	0	1	0	0.000	0
1156	1153	94.57	1.14	2.1	71.45	121.82	0	0.04	182	1	1	1	0	1	0	0.000	0
1157	1154	94.65	1.02	2.0	71.5	114.96	0	0.06	162	1	1	1	0	1	0	0.000	0
1158	1155	94.73	1.02	2.0	72.43	120.2	0	0.05	165	1	1	1	0	1	0	0.000	0
1159	1156	94.82	1.09	2.0	74.56	125.69	0	0.04	182	1	1	1	0	1	0	0.000	0
1160	1157	94.9	1.14	2.0	75.99	131.11	0	0.02	196	1	1	1	0	1	0	0.000	0
1161	1158	94.98	1.21	2.1	76.72	132.1	0	0.01	211	1	1	1	0	1	0	0.000	0
1162	1159	95.06	1.15	2.0	76.61	134.04	0	0.01	199	1	1	1	0	1	0	0.000	0
1163	1160	95.14	1.18	2.1	74.45	128.06	0	0.02	198	1	1	1	0	1	0	0.000	0
1164	1161	95.23	1.19	2.1	71.93	122.75	0	0	192	1	1	1	0	1	0	0.000	0

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1165	1162	95.31	1.32	2.1	70.22	122.89	0	0	211	1	1	1	0	1	0	0.000	0
1166	1163	95.39	1.55	2.2	68.99	127.31	0	0	256	1	1	1	0	1	0	0.000	0
1167	1164	95.47	1.7	2.2	65.68	128.8	0	0	277	1	1	1	0	1	0	0.000	0
1168	1165	95.55	1.85	2.3	60.22	111.96	0	0	286	1	1	1	0	1	0	0.000	0
1169	1166	95.64	1.84	2.3	54.06	101.6	0	0	247	1	1	1	0	1	0	0.000	0
1170	1167	95.72	2.01	2.4	47.53	93	0	0	243	1	1	1	0	1	0	0.000	0
1171	1168	95.8	2.25	2.4	42.64	78.93	0	0	259	1	1	1	0	1	0	0.000	0
1172	1169	95.88	2.47	2.5	39.34	78.53	0	0	281	1	1	1	0	1	0	0.000	0
1173	1170	95.96	2.58	2.5	39.86	77.26	0	0	316	1	1	1	0	1	0	0.000	0
1174	1171	96.05	2.41	2.5	40.61	83.99	0	0	279	1	1	1	0	1	0	0.000	0
1175	1172	96.13	2.38	2.4	44.12	80.65	0	0	306	1	1	1	0	1	0	0.000	0
1176	1173	96.21	2.16	2.4	50.55	97.77	0	0	302	1	1	1	0	1	0	0.000	0
1177	1174	96.29	2.04	2.3	61.81	118.41	0	0	351	1	1	1	0	1	0	0.000	0
1178	1175	96.37	1.8	2.2	70.17	145.98	0	0	330	1	1	1	0	1	0	0.000	0
1179	1176	96.46	1.63	2.1	75.69	138.48	0	0	309	1	1	1	0	1	0	0.000	0
1180	1177	96.54	1.5	2.1	77.01	142.6	0	0	279	1	1	1	0	1	0	0.000	0
1181	1178	96.62	1.35	2.1	81.33	144.85	0	0	259	1	1	1	0	1	0	0.000	0
1182	1179	96.7	1.27	2.0	85.19	153.23	0	0	253	1	1	1	0	1	0	0.000	0
1183	1180	96.78	1.2	2.0	87.57	157.27	0	0	245	1	1	1	0	1	0	0.000	0
1184	1181	96.87	1.19	2.0	87.77	151.93	0	0	243	1	1	1	0	1	0	0.000	0
1185	1182	96.95	1.16	2.0	84.41	152.89	0	0	226	1	1	1	0	1	0	0.000	0
1186	1183	97.03	1.11	2.0	81.42	135.83	0	0.02	206	1	1	1	0	1	0	0.000	0
1187	1184	97.11	1.05	2.0	74.77	133.19	0	0.02	17[illegible]	1	1	1	0	1	0	0.000	0
1188	1185	97.19	0.95	2.0	70.29	112.35	0	0	148	1	1	1	0	1	0	0.000	0
1189	1186	97.28	0.94	2.0	64.58	107.19	0	0	132	1	1	1	0	1	0	0.000	0
1190	1187	97.36	1.17	2.1	58.63	105.48	0	0	146	1	1	1	0	1	0	0.000	0
1191	1188	97.44	1.57	2.3	49.19	96.16	0	0	170	1	1	1	0	1	0	0.000	0
1192	1189	97.52	2.22	2.5	37.93	73.28	0	0	213	1	1	1	0	1	0	0.000	0
1193	1190	97.6	2.85	2.6	27.86	57.26	0	0	225	1	0	1	0	1	0	0.000	0
1194	1191	97.69	3.89	2.8	19.84	41.21	0	0	260	1	0	0	0	1	0	0.000	0
1195	1192	97.77	5	3.0	13.09	21.73	0	0	51	1	0	0	1	1	0	0.000	0
1196	1193	97.85	6.64	3.3	7.91	15.92	0	0	-1373	1	0	0	1	1	0	0.000	0
1197	1194	97.93	7.1	3.4	5.61	11.16	0	0	-2872	1	0	0	1	1	0	0.000	0
1198	1195	98.01	6.61	3.5	4.33	9.2	0	0	-2390	1	0	0	1	1	0	0.000	0
1199	1196	98.1	5.64	3.5	3.97	9.05	0	0	-1210	1	0	0	1	1	0	0.000	0
1200	1197	98.18	4.63	3.4	3.98	9.27	0	0	-550	1	0	0	1	1	0	0.000	0
1201	1198	98.26	4.37	3.4	3.86	9.24	0	0	-453	1	0	0	1	1	0	0.000	0
1202	1199	98.34	4.44	3.5	3.59	8.46	0	0	-494	1	0	0	1	1	0	0.000	0
1203	1200	98.42	4.65	3.5	3.37	7.92	0	0	-599	1	0	0	1	1	0	0.000	0
1204	1201	98.51	4.72	3.5	3.33	8.08	0	0	-636	1	0	0	1	1	0	0.000	0
1205	1202	98.59	4.78	3.5	3.42	8.27	0	0	-660	1	0	0	1	1	0	0.000	0
1206	1203	98.67	4.83	3.5	3.66	8.38	0	0	-669	1	0	0	1	1	0	0.000	0
1207	1204	98.75	4.69	3.4	4.19	9.31	0	0	-563	1	0	0	1	1	0	0.000	0
1208	1205	98.83	4.79	3.4	4.56	10.53	0	0	-582	1	0	0	1	1	0	0.000	0
1209	1206	98.92	5.07	3.4	4.67	10.11	0	0	-716	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	5.6	3.5	4.34	9.8	0	0	-1123	1	0	0	1	1	0	0.000	0
1211	1208	99.08	5.89	3.5	4.07	9.29	0	0	-1446	1	0	0	1	1	0	0.000	0
1212	1209	99.16	5.69	3.5	3.82	8.68	0	0	-1279	1	0	0	1	1	0	0.000	0
1213	1210	99.24	5.2	3.5	3.64	8.22	0	0	-896	1	0	0	1	1	0	0.000	0
1214	1211	99.33	4.57	3.5	3.51	7.99	0	0	-553	1	0	0	1	1	0	0.000	0
1215	1212	99.41	4.19	3.5	3.39	7.63	0	0	-412	1	0	0	1	1	0	0.000	0
1216	1213	99.49	3.93	3.5	3.28	7.32	0	0	-337	1	0	0	1	1	0	0.000	0
1217	1214	99.57	3.65	3.5	3.24	7.2	0	0	-268	1	0	0	1	1	0	0.000	0
1218	1215	99.65	3.41	3.4	3.24	7.19	0	0	-219	1	0	0	1	1	0	0.000	0
1219	1216	99.74	3.21	3.4	3.29	7.15	0	0	-184	1	0	0	1	1	0	0.000	0
1220	1217	99.82	3.04	3.4	3.35	7.24	0	0	-158	1	0	0	1	1	0	0.000	0
1221	1218	99.9	2.87	3.4	3.41	7.29	0	0	-135	1	0	1	1	1	0	0.000	0
1222	1219	99.98	2.74	3.4	3.45	7.33	0	0	-120	1	0	1	1	1	0	0.000	0
1223	1220	100.06	2.71	3.4	3.42	7.31	0	0	-118	1	0	1	1	1	0	0.000	0
1224	1221	100.15	2.76	3.4	3.37	7.13	0	0	-124	1	0	1	1	1	0	0.000	0
1225	1222	100.23	2.85	3.4	3.3	7.06	0	0	-135	1	0	1	1	1	0	0.000	0
1226	1223	100.31	2.93	3.4	3.26	6.93	0	0	-145	1	0	1	1	1	0	0.000	0
1227	1224	100.39	2.95	3.4	3.23	6.83	0	0	-148	1	0	1	1	1	0	0.000	0
1228	1225	100.47	2.94	3.4	3.21	6.84	0	0	-147	1	0	1	1	1	0	0.000	0
1229	1226	100.56	2.91	3.4	3.2	6.84	0	0	-143	1	0	1	1	1	0	0.000	0
1230	1227	100.64	2.91	3.4	3.2	6.82	0	0	-145	1	0	1	1	1	0	0.000	0
1231	1228	100.72	2.84	3.4	3.25	6.87	0	0	-134	1	0	1	1	1	0	0.000	0
1232	1229	100.8	2.76	3.4	3.29	7.1	0	0	-124	1	0	1	1	1	0	0.000	0
1233	1230	100.88	2.68	3.4	3.35	7.04	0	0	-115	1	0	1	1	1	0	0.000	0
1234	1231	100.97	2.67	3.4	3.39	7.21	0	0	-114	1	0	1	1	1	0	0.000	0
1235	1232	101.05	2.64	3.3	3.61	7.36	0	0	-108	1	0	1	1	1	0	0.000	0
1236	1233	101.13	2.66	3.3	3.79	8.1	0	0	-108	1	0	1	1	1	0	0.000	0
1237	1234	101.21	2.76	3.3	3.94	8.12	0	0	-116	1	0	1	1	1	0	0.000	0
1238	1235	101.29	2.95	3.3	3.92	8.11	0	0	-137	1	0	1	1	1	0	0.000	0
1239	1236	101.38	3.17	3.4	3.85	8.04	0	0	-167	1	0	0	1	1	0	0.000	0
1240	1237	101.46	3.4	3.4	3.68	7.77	0	0	-207	1	0	0	1	1	0	0.000	0
1241	1238	101.54	3.6	3.4	3.52	7.44	0	0	-250	1	0	0	1	1	0	0.000	0
1242	1239	101.62	3.67	3.4	3.41	7.35	0	0	-268	1	0	0	1	1	0	0.000	0
1243	1240	101.7	3.67	3.4	3.41	7.29	0	0	-268	1	0	0	1	1	0	0.000	0
1244	1241	101.79	3.65	3.4	3.44	7.31	0	0	-263	1	0	0	1	1	0	0.000	0
1245	1242	101.87	3.71	3.4	3.52	7.39	0	0	-274	1	0	0	1	1	0	0.000	0
1246	1243	101.95	3.78	3.4	3.58	7.61	0	0	-288	1	0	0	1	1	0	0.000	0
1247	1244	102.03	3.84	3.4	3.59	7.67	0	0	-302	1	0	0	1	1	0	0.000	0
1248	1245	102.11	3.92	3.4	3.5	7.47	0	0	-326	1	0	0	1	1	0	0.000	0
1249	1246	102.2	3.95	3.5	3.4	7.26	0	0	-338	1	0	0	1	1	0	0.000	0
1250	1247	102.28	3.95	3.5	3.41	7.16	0	0	-338	1	0	0	1	1	0	0.000	0
1251	1248	102.36	3.85	3.4	3.62	7.43	0	0	-304	1	0	0	1	1	0	0.000	0
1252	1249	102.44	3.77	3.4	3.98	8.12	0	0	-273	1	0	0	1	1	0	0.000	0
1253	1250	102.53	3.85	3.4	4.27	8.82	0	0	-282	1	0	0	1	1	0	0.000	0
1254	1251	102.61	4.13	3.4	4.29	8.92	0	0	-354	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1255	1252	102.69	4.56	3.4	4.05	8.49	0	0	-516	1	0	0	1	1	0	0.000	0
1256	1253	102.77	4.98	3.5	3.72	8.03	0	0	-748	1	0	0	1	1	0	0.000	0
1257	1254	102.85	5.27	3.5	3.46	7.56	0	0	-965	1	0	0	1	1	0	0.000	0
1258	1255	102.94	5.34	3.5	3.39	7.29	0	0	-1027	1	0	0	1	1	0	0.000	0
1259	1256	103.02	5.29	3.5	3.54	7.53	0	0	-972	1	0	0	1	1	0	0.000	0
1260	1257	103.1	5.24	3.5	3.87	8.11	0	0	-900	1	0	0	1	1	0	0.000	0
1261	1258	103.18	5.52	3.5	4.19	8.72	0	0	-1076	1	0	0	1	1	0	0.000	0
1262	1259	103.26	6.17	3.5	4.44	9.35	0	0	-1705	1	0	0	1	1	0	0.000	0
1263	1260	103.35	7.21	3.5	4.58	9.74	0	0	-3571	1	0	0	1	1	0	0.000	0
1264	1261	103.43	8.47	3.5	4.67	9.91	0	0	-8464	1	0	0	1	1	0	0.000	0
1265	1262	103.51	9.58	3.5	5	10.01	0	0	-16900	1	0	0	1	1	0	0.000	0
1266	1263	103.59	9.57	3.5	6.01	11.6	0	0	-14530	1	0	0	1	1	0	0.000	0
1267	1264	103.67	7.92	3.3	8.19	15.32	0	0	-3198	1	0	0	1	1	0	0.000	0
1268	1265	103.76	5.3	3.1	13.17	22.43	0	0	73	1	0	0	1	1	0	0.000	0
1269	1266	103.84	3.68	2.8	20.69	42.16	0	0	243	1	0	0	0	1	0	0.000	0
1270	1267	103.92	2.8	2.6	29.92	64.49	0	0	244	1	0	1	0	1	0	0.000	0
1271	1268	104	2.41	2.5	39.79	86.61	0	0	271	1	1	1	0	1	0	0.000	0
1272	1269	104.08	2.13	2.4	47.7	101.65	0	0	272	1	1	1	0	1	0	0.000	0
1273	1270	104.17	1.91	2.3	53.27	107.9	0	0	258	1	1	1	0	1	0	0.000	0
1274	1271	104.25	1.65	2.2	58.41	114.16	0	0	228	1	1	1	0	1	0	0.000	0
1275	1272	104.33	1.41	2.2	64.29	123.76	0	0	206	1	1	1	0	1	0	0.000	0
1276	1273	104.41	1.25	2.1	70.49	131.44	0	0	198	1	1	1	0	1	0	0.000	0
1277	1274	104.49	1.24	2.1	74.06	140.81	0	0	201	1	1	1	0	1	0	0.000	0
1278	1275	104.58	1.24	2.1	77.93	142.18	0	0	222	1	1	1	0	1	0	0.000	0
1279	1276	104.66	1.21	2.0	82.14	154.03	0	0	229	1	1	1	0	1	0	0.000	0
1280	1277	104.74	1.13	2.0	86.43	162.01	0	0	226	0	1	1	0	1	0	0.000	0
1281	1278	104.82	1.13	2.0	87.78	160.8	0	0	230	0	1	1	0	1	0	0.000	0
1282	1279	104.9	1.16	2.0	86.9	161.23	0	0	234	0	1	1	0	1	0	0.000	0
1283	1280	104.99	1.14	2.0	87.7	158.92	0	0	232	1	1	1	0	1	0	0.000	0
1284	1281	105.07	1.08	2.0	90.16	162.51	0	0	226	0	1	1	0	1	0	0.000	0
1285	1282	105.15	1.16	2.0	90.95	171.3	0	0	246	0	1	1	0	1	0	0.000	0
1286	1283	105.23	1.19	2.0	93.23	170.03	0	0	261	0	1	1	0	1	0	0.000	0
1287	1284	105.31	1.21	2.0	93.79	181.94	0	0	268	0	1	1	0	1	0	0.000	0
1288	1285	105.4	1.16	2.0	94.15	176.79	0	0	256	0	1	1	0	1	0	0.000	0
1289	1286	105.48	1.27	2.0	89.12	170.96	0	0	267	0	1	1	0	1	0	0.000	0
1290	1287	105.56	1.38	2.1	84.05	162.82	0	0	277	0	1	1	0	1	0	0.000	0
1291	1288	105.64	1.48	2.1	78.64	158.35	0	0	281	1	1	1	0	1	0	0.000	0
1292	1289	105.72	1.58	2.1	72.77	147.06	0	0	281	1	1	1	0	1	0	0.000	0
1293	1290	105.81	1.73	2.2	67.28	133.04	0	0	294	1	1	1	0	1	0	0.000	0
1294	1291	105.89	1.82	2.2	65.58	131.08	0	0	309	1	1	1	0	1	0	0.000	0
1295	1292	105.97	1.88	2.2	66.89	141.5	0	0	335	1	1	1	0	1	0	0.000	0
1296	1293	106.05	1.92	2.2	69.51	145.83	0	0	364	1	1	1	0	1	0	0.000	0
1297	1294	106.13	1.93	2.2	71.92	151.93	0	0	383	1	1	1	0	1	0	0.000	0
1298	1295	106.22	1.81	2.2	76.25	158.13	0	0	368	1	1	1	0	1	0	0.000	0
1299	1296	106.3	1.6	2.1	83.11	168.46	0	0	335	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1300	1297	106.38	1.4	2.0	91.9	183.7	0	0	313	0	1	1	0	1	0	0.000	0
1301	1298	106.46	1.33	2.0	99.03	198.12	0	0	319	0	1	1	0	1	0	0.000	0
1302	1299	106.54	1.38	2.0	103.17	203.66	0	0	351	0	1	1	0	1	0	0.000	0
1303	1300	106.63	1.51	2.0	104.93	209.2	0	0	404	0	1	1	0	1	0	0.000	0
1304	1301	106.71	1.62	2.0	107.61	214.75	0	0	460	0	1	1	0	1	0	0.000	0
1305	1302	106.79	1.85	2.1	99.23	223.89	0	0	519	0	1	1	0	1	0	0.000	0
1306	1303	106.87	1.92	2.1	105.11	177.28	0	0	591	0	1	1	0	1	0	0.000	0
1307	1304	106.95	1.84	2.1	113.63	248.99	0	0	600	0	1	1	0	1	0	0.000	0
1308	1305	107.04	1.56	1.9	136.23	264.3	0	0	566	0	1	1	0	1	0	0.000	0
1309	1306	107.12	1.47	1.9	143.02	273.96	0	0	549	0	1	1	0	1	0	0.000	0
1310	1307	107.2	1.52	1.9	144.04	275.08	0	0	580	0	1	1	0	1	0	0.000	0
1311	1308	107.28	1.71	2.0	138.89	273.95	0	0	665	0	1	1	0	1	0	0.000	0
1312	1309	107.36	1.86	2.0	132.09	263.17	0	0	722	0	1	1	0	1	0	0.000	0
1313	1310	107.45	2	2.1	123.98	252.28	0	0	765	0	1	1	0	1	0	0.000	0
1314	1311	107.53	2.06	2.1	118.52	241.44	0	0	769	0	1	1	0	1	0	0.000	0
1315	1312	107.61	2	2.1	117.06	239.05	0	0	718	0	1	1	0	1	0	0.000	0
1316	1313	107.69	1.85	2.1	115.32	241.44	0	0	615	0	1	1	0	1	0	0.000	0
1317	1314	107.77	1.72	2.0	112.32	224.99	0	0	530	0	1	1	0	1	0	0.000	0
1318	1315	107.86	1.67	2.1	104.66	216.5	0	0	467	0	1	1	0	1	0	0.000	0
1319	1316	107.94	1.61	2.1	99.75	200.16	0	0	418	0	1	1	0	1	0	0.000	0
1320	1317	108.02	1.56	2.1	90.15	196.8	0	0	355	0	1	1	0	1	0	0.000	0
1321	1318	108.1	1.42	2.1	84.1	156.84	0	0	237	1	1	1	0	1	0	0.000	0
1322	1319	108.18	1.55	2.2	69.27	156.77	0	0	251	1	1	1	0	1	0	0.000	0
1323	1320	108.27	1.81	2.3	59.57	111.98	0	0.03	272	1	1	1	0	1	0	0.000	0
1324	1321	108.35	2.1	2.3	51.78	107.87	0	0.03	295	1	1	1	0	1	0	0.000	0
1325	1322	108.43	1.9	2.3	55.5	112.43	0	0.02	269	1	1	1	0	1	0	0.000	0
1326	1323	108.51	1.61	2.2	62.21	131.16	0	0	238	1	1	1	0	1	0	0.000	0
1327	1324	108.59	1.55	2.2	68.65	140.79	0	0	255	1	1	1	0	1	0	0.000	0
1328	1325	108.68	1.46	2.1	73.16	150.2	0	0	253	1	1	1	0	1	0	0.000	0
1329	1326	108.76	1.2	2.1	77.25	152.76	0	0	211	1	1	1	0	1	0	0.000	0
1330	1327	108.84	0.99	2.0	76.79	144.62	0	0	171	1	1	1	0	1	0	0.000	0
1331	1328	108.92	1	2.0	70.09	128.28	0	0	155	1	1	1	0	1	0	0.000	0
1332	1329	109	1.36	2.2	61.65	115.96	0	0	186	1	1	1	0	1	0	0.000	0
1333	1330	109.09	1.72	2.3	54.04	119.96	0	0	221	1	1	1	0	1	0	0.000	0
1334	1331	109.17	2.09	2.4	48.29	100.68	0	0	267	1	1	1	0	1	0	0.000	0
1335	1332	109.25	2.5	2.5	41.92	93.06	0	0	317	1	1	1	0	1	0	0.000	0
1336	1333	109.33	2.78	2.5	39.23	86.58	0	0	368	1	1	1	0	1	0	0.000	0
1337	1334	109.41	2.78	2.5	39.66	87.83	0	0	374	1	1	1	0	1	0	0.000	0
1338	1335	109.5	2.42	2.4	44.03	96.25	0	0	316	1	1	1	0	1	0	0.000	0
1339	1336	109.58	2.1	2.4	50.06	110.33	0	0	282	1	1	1	0	1	0	0.000	0
1340	1337	109.66	1.88	2.3	55.96	120.15	0	0	267	1	1	1	0	1	0	0.000	0
1341	1338	109.74	1.66	2.2	59.53	128.01	0	0	236	1	1	1	0	1	0	0.000	0
1342	1339	109.82	1.5	2.2	60.91	124.49	0	0	210	1	1	1	0	1	0	0.000	0
1343	1340	109.91	1.38	2.2	60.04	121.11	0	0.01	184	1	1	1	0	1	0	0.000	0
1344	1341	109.99	1.36	2.2	58.22	116.16	0	0.03	173	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1345	1342	110.07	1.4	2.2	55.34	112.22	0	0	169	1	1	1	0	1	0	0.000	0
1346	1343	110.15	1.68	2.3	49.14	106.27	0	0	187	1	1	1	0	1	0	0.000	0
1347	1344	110.23	2.24	2.4	40.5	89.48	0	0	239	1	1	1	0	1	0	0.000	0
1348	1345	110.32	3.08	2.6	31.12	72.84	0	0	333	1	0	0	0	1	0	0.000	0
1349	1346	110.4	4.1	2.8	23.15	48.37	0	0	448	1	0	0	0	1	0	0.000	0
1350	1347	110.48	5.67	3.0	15.28	30.95	0	0	404	1	0	0	0	1	0	0.000	0
1351	1348	110.56	7.99	3.3	10.17	18.6	0	0	-1815	1	0	0	1	1	0	0.000	0
1352	1349	110.64	9.96	3.4	7.4	15.68	0	0	-14673	1	0	0	1	1	0	0.000	0
1353	1350	110.73	9.62	3.5	6.63	14.16	0	0	-13574	1	0	0	1	1	0	0.000	0
1354	1351	110.81	7.89	3.4	6.22	14.1	0	0	-4565	1	0	0	1	1	0	0.000	0
1355	1352	110.89	6.24	3.4	5.76	13.34	0	0	-1502	1	0	0	1	1	0	0.000	0
1356	1353	110.97	5.79	3.4	5	11.6	0	0	-1193	1	0	0	1	1	0	0.000	0
1357	1354	111.06	5.58	3.4	4.39	9.86	0	0	-1099	1	0	0	1	1	0	0.000	0
1358	1355	111.14	5.32	3.5	4.16	9.9	0	0	-926	1	0	0	1	1	0	0.000	0
1359	1356	111.22	4.46	3.4	4.4	10.11	0	0	-456	1	0	0	1	1	0	0.000	0
1360	1357	111.3	3.8	3.3	4.69	10.41	0	0	-256	1	0	0	1	1	0	0.000	0
1361	1358	111.38	3.48	3.3	4.99	10.62	0	0	-189	1	0	0	1	1	0	0.000	0
1362	1359	111.47	3.33	3.3	5.16	10.98	0	0	-162	1	0	0	1	1	0	0.000	0
1363	1360	111.55	3.27	3.3	5.3	11.07	0	0	-151	1	0	0	1	1	0	0.000	0
1364	1361	111.63	3.27	3.2	5.39	11.18	0	0	-149	1	0	0	1	1	0	0.000	0
1365	1362	111.71	3.4	3.3	5.45	11.39	0	0	-166	1	0	0	1	1	0	0.000	0
1366	1363	111.79	3.57	3.3	5.5	11.36	0	0	-190	1	0	0	1	1	0	0.000	0
1367	1364	111.88	3.74	3.3	5.55	11.48	0	0	-217	1	0	0	1	1	0	0.000	0
1368	1365	111.96	3.9	3.3	5.62	11.72	0	0	-245	1	0	0	1	1	0	0.000	0
1369	1366	112.04	3.98	3.3	5.69	11.72	0	0	-260	1	0	0	1	1	0	0.000	0
1370	1367	112.12	3.94	3.3	5.8	11.91	0	0	-247	1	0	0	1	1	0	0.000	0
1371	1368	112.2	3.9	3.3	5.91	12.3	0	0	-235	1	0	0	1	1	0	0.000	0
1372	1369	112.29	4.01	3.3	6.01	12.36	0	0	-254	1	0	0	1	1	0	0.000	0
1373	1370	112.37	4.13	3.3	6.14	12.52	0	0	-274	1	0	0	1	1	0	0.000	0
1374	1371	112.45	4.23	3.3	6.27	13.02	0	0	-291	1	0	0	1	1	0	0.000	0
1375	1372	112.53	4.29	3.3	6.31	13.19	0	0	-304	1	0	0	1	1	0	0.000	0
1376	1373	112.61	4.51	3.3	6.19	13.04	0	0	-370	1	0	0	1	1	0	0.000	0
1377	1374	112.7	4.8	3.3	6.04	12.56	0	0	-477	1	0	0	1	1	0	0.000	0
1378	1375	112.78	5.17	3.3	5.84	12.26	0	0	-658	1	0	0	1	1	0	0.000	0
1379	1376	112.86	5.5	3.4	5.64	11.8	0	0	-875	1	0	0	1	1	0	0.000	0
1380	1377	112.94	5.71	3.4	5.46	11.48	0	0	-1054	1	0	0	1	1	0	0.000	0
1381	1378	113.02	5.74	3.4	5.34	11.35	0	0	-1096	1	0	0	1	1	0	0.000	0
1382	1379	113.11	5.7	3.4	5.26	11.19	0	0	-1075	1	0	0	1	1	0	0.000	0
1383	1380	113.19	5.6	3.4	5.19	11.01	0	0	-1006	1	0	0	1	1	0	0.000	0
1384	1381	113.27	5.46	3.4	5.14	10.83	0	0	-910	1	0	0	1	1	0	0.000	0
1385	1382	113.35	5.3	3.4	5.14	10.89	0	0	-804	1	0	0	1	1	0	0.000	0
1386	1383	113.43	5.28	3.4	5.14	10.99	0	0	-792	1	0	0	1	1	0	0.000	0
1387	1384	113.52	5.35	3.4	5.08	10.95	0	0	-843	1	0	0	1	1	0	0.000	0
1388	1385	113.6	5.49	3.4	4.93	10.92	0	0	-958	1	0	0	1	1	0	0.000	0
1389	1386	113.68	5.7	3.4	4.76	10.74	0	0	-1150	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1390	1387	113.76	5.91	3.4	4.6	10.43	0	0	-1375	1	0	0	1	1	0	0.000	0
1391	1388	113.84	5.96	3.5	4.5	10.14	0	0	-1446	1	0	0	1	1	0	0.000	0
1392	1389	113.93	5.79	3.5	4.43	10.02	0	0	-1283	1	0	0	1	1	0	0.000	0
1393	1390	114.01	5.61	3.5	4.36	9.84	0	0	-1129	1	0	0	1	1	0	0.000	0
1394	1391	114.09	5.57	3.5	4.27	9.62	0	0	-1107	1	0	0	1	1	0	0.000	0
1395	1392	114.17	5.5	3.5	4.21	9.42	0	0	-1057	1	0	0	1	1	0	0.000	0
1396	1393	114.25	5.33	3.5	4.19	9.41	0	0	-929	1	0	0	1	1	0	0.000	0
1397	1394	114.34	5	3.4	4.24	9.47	0	0	-715	1	0	0	1	1	0	0.000	0
1398	1395	114.42	4.77	3.4	4.32	9.6	0	0	-590	1	0	0	1	1	0	0.000	0
1399	1396	114.5	4.45	3.4	4.59	9.78	0	0	-442	1	0	0	1	1	0	0.000	0
1400	1397	114.58	4.33	3.4	4.8	10.68	0	0	-390	1	0	0	1	1	0	0.000	0
1401	1398	114.66	4.26	3.3	4.95	10.47	0	0	-362	1	0	0	1	1	0	0.000	0
1402	1399	114.75	4.46	3.4	4.83	10.32	0	0	-432	1	0	0	1	1	0	0.000	0
1403	1400	114.83	4.71	3.4	4.68	10.08	0	0	-538	1	0	0	1	1	0	0.000	0
1404	1401	114.91	5.01	3.4	4.53	9.91	0	0	-695	1	0	0	1	1	0	0.000	0
1405	1402	114.99	5.3	3.4	4.41	9.74	0	0	-884	1	0	0	1	1	0	0.000	0
1406	1403	115.07	5.51	3.5	4.31	9.59	0	0	-1052	1	0	0	1	1	0	0.000	0
1407	1404	115.16	5.63	3.5	4.23	9.39	0	0	-1165	1	0	0	1	1	0	0.000	0
1408	1405	115.24	5.57	3.5	4.18	9.29	0	0	-1119	1	0	0	1	1	0	0.000	0
1409	1406	115.32	5.48	3.5	4.14	9.28	0	0	-1050	1	0	0	1	1	0	0.000	0
1410	1407	115.4	5.39	3.5	4.08	9.12	0	0	-986	1	0	0	1	1	0	0.000	0
1411	1408	115.48	5.35	3.5	3.99	8.96	0	0	-967	1	0	0	1	1	0	0.000	0
1412	1409	115.57	5.23	3.5	3.89	8.71	0	0	-89	1	0	0	1	1	0	0.000	0
1413	1410	115.65	5.04	3.5	3.78	8.49	0	0	-778	1	0	0	1	1	0	0.000	0
1414	1411	115.73	4.9	3.5	3.69	8.34	0	0	-704	1	0	0	1	1	0	0.000	0
1415	1412	115.81	4.94	3.5	3.62	8.18	0	0	-733	1	0	0	1	1	0	0.000	0
1416	1413	115.89	5.2	3.5	3.58	8.13	0	0	-902	1	0	0	1	1	0	0.000	0
1417	1414	115.98	5.64	3.5	3.58	8.11	0	0	-1266	1	0	0	1	1	0	0.000	0
1418	1415	116.06	6.09	3.5	3.6	8.15	0	0	-1773	1	0	0	1	1	0	0.000	0
1419	1416	116.14	7.26	3.6	3.73	8.25	0	0	-4098	1	0	0	1	1	0	0.000	0
1420	1417	116.22	7.7	3.5	4.89	8.77	0	0	-4847	1	0	0	1	1	0	0.000	0
1421	1418	116.3	6.59	3.3	7.68	14.32	0	0	-1390	1	0	0	1	1	0	0.000	0
1422	1419	116.39	5.42	3.1	11.39	24.43	0	0	-133	1	0	0	1	1	0	0.000	0
1423	1420	116.47	4.71	3.0	14.67	32.05	0	0	149	1	0	0	0	1	0	0.000	0
1424	1421	116.55	4.44	2.9	17.05	36.47	0	0	252	1	0	0	0	1	0	0.000	0
1425	1422	116.63	4.11	2.9	18.98	41.79	0	0	275	1	0	0	0	1	0	0.000	0
1426	1423	116.71	3.71	2.8	20.52	45.84	0	0	244	1	0	0	0	1	0	0.000	0
1427	1424	116.8	3.34	2.8	21.58	47.41	0	0	203	1	0	0	0	1	0	0.000	0
1428	1425	116.88	3.3	2.7	22.17	49.4	0	0	209	1	0	0	0	1	0	0.000	0
1429	1426	116.96	3.47	2.8	22.72	50.11	0	0	255	1	0	0	0	1	0	0.000	0
1430	1427	117.04	3.77	2.8	22.97	51.65	0	0	335	1	0	0	0	1	0	0.000	0
1431	1428	117.12	4.05	2.8	23.04	51.36	0	0	425	1	0	0	0	1	0	0.000	0
1432	1429	117.21	4.32	2.8	22.65	50.84	0	0	511	1	0	0	0	1	0	0.000	0
1433	1430	117.29	4.58	2.8	22.16	48.93	0	0	599	1	0	0	0	1	0	0.000	0
1434	1431	117.37	4.74	2.9	21.81	47.91	0	0	656	1	0	0	0	1	0	0.000	0

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1435	1432	117.45	4.54	2.8	21.81	48.36	0	0	559	1	0	0	0	1	0	0.000	0
1436	1433	117.53	4	2.8	22.05	48.9	0	0	370	1	0	0	0	1	0	0.000	0
1437	1434	117.62	3.36	2.8	22.46	49.61	0	0	226	1	0	0	0	1	0	0.000	0
1438	1435	117.7	2.87	2.7	23.09	51.24	0	0	158	1	0	1	0	1	0	0.000	0
1439	1436	117.78	2.74	2.7	23.82	53.38	0	0	151	1	0	1	0	1	0	0.000	0
1440	1437	117.86	2.64	2.6	25.03	54.96	0	0	153	1	0	1	0	1	0	0.000	0
1441	1438	117.94	2.67	2.6	26.47	60.46	0	0	175	1	0	1	0	1	0	0.000	0
1442	1439	118.03	2.56	2.6	28.19	64.63	0	0.14	178	1	1	1	0	1	0	0.000	0
1443	1440	118.11	2.63	2.6	29.55	68.66	0	0.12	206	1	1	1	0	1	0	0.000	0
1444	1441	118.19	2.64	2.6	30.73	71.7	0	0.11	222	1	1	1	0	1	0	0.000	0
1445	1442	118.27	2.72	2.6	31.73	74.42	0	0.1	251	1	1	1	0	1	0	0.000	0
1446	1443	118.35	2.71	2.6	32.98	77.09	0	0.09	265	1	1	1	0	1	0	0.000	0
1447	1444	118.44	2.72	2.6	33.55	82.46	0	0.08	275	1	1	1	0	1	0	0.000	0
1448	1445	118.52	2.7	2.6	33.95	79.36	0	0.09	275	1	1	1	0	1	0	0.000	0
1449	1446	118.6	2.64	2.6	33.54	80.62	0	0.08	256	1	1	1	0	1	0	0.000	0
1450	1447	118.68	2.59	2.5	33.29	78.97	0	0.09	242	1	1	1	0	1	0	0.000	0
1451	1448	118.77	2.68	2.6	33.1	77.38	0	0.09	260	1	1	1	0	1	0	0.000	0
1452	1449	118.85	2.77	2.6	33.35	79.15	0	0.09	285	1	1	1	0	1	0	0.000	0
1453	1450	118.93	2.92	2.6	34.25	81.34	0	0.08	338	1	1	1	0	1	0	0.000	0
1454	1451	119.01	3.01	2.6	35.22	85.49	0	0.07	382	1	1	0	0	1	0	0.000	0
1455	1452	119.09	3.09	2.6	36.31	87.97	0	0.06	429	1	1	0	0	1	0	0.000	0
1456	1453	119.18	3.2	2.6	37.5	91.28	0	0.06	485	1	1	0	0	1	0	0.000	0
1457	1454	119.26	3.21	2.6	39.39	96.52	0	0.05	537	1	1	0	0	1	0	0.000	0
1458	1455	119.34	3.18	2.5	41.71	105.76	0	0.02	565	1	1	0	0	1	0	0.000	0
1459	1456	119.42	3.06	2.5	43.88	113.39	0	0	551	1	1	0	0	1	0	0.000	0
1460	1457	119.5	2.98	2.5	45.21	116.74	0	0	536	1	1	1	0	1	0	0.000	0
1461	1458	119.59	2.86	2.5	45.77	115.2	0	0	491	1	1	1	0	1	0	0.000	0
1462	1459	119.67	2.73	2.5	46.11	114.7	0	0	443	1	1	1	0	1	0	0.000	0
1463	1460	119.75	2.52	2.4	47.67	116.03	0	0	385	1	1	1	0	1	0	0.000	0
1464	1461	119.83	2.39	2.4	49.81	122.18	0	0	364	1	1	1	0	1	0	0.000	0
1465	1462	119.91	2.4	2.4	52.39	128.52	0	0	393	1	1	1	0	1	0	0.000	0
1466	1463	120	2.64	2.4	54.55	138.12	0	0	512	1	1	1	0	1	0	0.000	0
1467	1464	120.08	2.93	2.4	57.43	149.63	0	0	705	1	1	1	0	1	0	0.000	0
1468	1465	120.16	2.84	2.4	63.76	164.32	0	0	744	0	1	1	0	1	0	0.000	0
1469	1466	120.24	2.42	2.3	73.95	184.83	0	0	616	0	1	1	0	1	0	0.000	0
1470	1467	120.32	1.83	2.1	87.01	203.86	0	0	438	0	1	1	0	1	0	0.000	0
1471	1468	120.41	1.52	2.0	96.83	216.59	0	0	372	0	1	1	0	1	0	0.000	0
1472	1469	120.49	1.51	2.0	99.57	222.07	0	0	380	0	1	1	0	1	0	0.000	0
1473	1470	120.57	1.72	2.1	96.22	218.46	0	0	445	0	1	1	0	1	0	0.000	0
1474	1471	120.65	1.79	2.1	92.84	211.94	0	0	455	0	1	1	0	1	0	0.000	0
1475	1472	120.73	1.64	2.1	89.84	207.64	0	0	381	0	1	1	0	1	0	0.000	0
1476	1473	120.82	1.32	2.0	87.14	193.46	0	0	273	0	1	1	0	1	0	0.000	0
1477	1474	120.9	1.15	2.0	84.18	170.83	0	0	223	0	1	1	0	1	0	0.000	0
1478	1475	120.98	1.16	2.0	79.56	175.69	0	0	210	0	1	1	0	1	0	0.000	0
1479	1476	121.06	1.25	2.1	76.52	161.95	0	0	219	0	1	1	0	1	0	0.000	0

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1480	1477	121.14	1.38	2.1	72.47	162.69	0	0	232	0	1	1	0	1	0	0.000	0
1481	1478	121.23	1.51	2.1	70.22	160.61	0	0	252	0	1	1	0	1	0	0.000	0
1482	1479	121.31	1.65	2.2	68.38	159.14	0	0	278	1	1	1	0	1	0	0.000	0
1483	1480	121.39	1.69	2.2	69.46	159.5	0	0	294	1	1	1	0	1	0	0.000	0
1484	1481	121.47	1.6	2.2	72.08	173.22	0	0	283	0	1	1	0	1	0	0.000	0
1485	1482	121.55	1.47	2.1	74.74	172.86	0	0	262	0	1	1	0	1	0	0.000	0
1486	1483	121.64	1.37	2.1	74.06	169.05	0	0	236	0	1	1	0	1	0	0.000	0
1487	1484	121.72	1.41	2.1	70.47	159.44	0	0	231	1	1	1	0	1	0	0.000	0
1488	1485	121.8	1.58	2.2	67.87	149.73	0	0	258	1	1	1	0	1	0	0.000	0
1489	1486	121.88	1.73	2.2	68.37	163.39	0	0	299	0	1	1	0	1	0	0.000	0
1490	1487	121.96	1.67	2.2	73.38	175.15	0	0	309	0	1	1	0	1	0	0.000	0
1491	1488	122.05	1.68	2.1	76.97	184.33	0	0	330	0	1	1	0	1	0	0.000	0
1492	1489	122.13	1.77	2.2	78.28	188.06	0	0	366	0	1	1	0	1	0	0.000	0
1493	1490	122.21	1.95	2.2	78.12	188.06	0	0	430	0	1	1	0	1	0	0.000	0
1494	1491	122.29	1.98	2.2	79.43	191.86	0	0	451	1	1	1	0	1	0	0.000	0
1495	1492	122.37	2.19	2.2	78.01	197.77	0	0	534	0	1	1	0	1	0	0.000	0
1496	1493	122.46	2.4	2.3	77.32	188.68	0	0	638	0	1	1	0	1	0	0.000	0
1497	1494	122.54	2.84	2.3	72.55	196.61	0	0	871	0	1	1	0	1	0	0.000	0
1498	1495	122.62	3.02	2.4	68.6	184.61	0	0	952	0	1	0	0	1	0	0.000	0
1499	1496	122.7	3.19	2.4	62.8	168.67	0	0	988	0	1	0	0	1	0	0.000	0
1500	1497	122.78	3.13	2.4	56.75	163.03	0	0	825	0	1	0	0	1	0	0.000	0
1501	1498	122.87	2.96	2.4	53.76	134.35	0	0	654	1	1	1	0	1	0	0.000	0
1502	1499	122.95	2.69	2.4	52.88	137.31	0	0	514	1	1	1	0	1	0	0.000	0
1503	1500	123.03	2.3	2.3	56.51	144.87	0	0	396	1	1	1	0	1	0	0.000	0
1504	1501	123.11	1.92	2.3	60.41	150.24	0	0	306	1	1	1	0	1	0	0.000	0
1505	1502	123.19	1.55	2.2	65.84	148.53	0	0	242	1	1	1	0	1	0	0.000	0
1506	1503	123.28	1.27	2.1	73.89	162.31	0	0	214	0	1	1	0	1	0	0.000	0
1507	1504	123.36	1.16	2.0	79.54	186.21	0	0	210	0	1	1	0	1	0	0.000	0
1508	1505	123.44	1.25	2.1	78.74	176.88	0	0	226	0	1	1	0	1	0	0.000	0
1509	1506	123.52	1.38	2.1	74.14	166.48	0	0	238	0	1	1	0	1	0	0.000	0
1510	1507	123.6	1.53	2.2	70.42	166.59	0	0	258	0	1	1	0	1	0	0.000	0
1511	1508	123.69	1.59	2.2	68.58	163.67	0	0	264	0	1	1	0	1	0	0.000	0
1512	1509	123.77	1.68	2.2	67.1	159.94	0	0	279	1	1	1	0	1	0	0.000	0
1513	1510	123.85	1.67	2.2	68	161.53	0	0	281	0	1	1	0	1	0	0.000	0
1514	1511	123.93	1.63	2.2	69.85	171.13	0	0	280	0	1	1	0	1	0	0.000	0
1515	1512	124.01	1.67	2.2	69.56	172.89	0	0	289	0	1	1	0	1	0	0.000	0
1516	1513	124.1	1.79	2.2	68.17	163.01	0	0	315	0	1	1	0	1	0	0.000	0
1517	1514	124.18	1.84	2.2	65.86	169.14	0	0	316	0	1	1	0	1	0	0.000	0
1518	1515	124.26	1.81	2.2	64.9	157.34	0	0	302	1	1	1	0	1	0	0.000	0
1519	1516	124.34	1.77	2.2	63.18	154.43	0	0	282	1	1	1	0	1	0	0.000	0
1520	1517	124.42	1.78	2.2	62.07	151.8	0	0	278	1	1	1	0	1	0	0.000	0
1521	1518	124.51	1.77	2.2	60.35	149.13	0	0	266	1	1	1	0	1	0	0.000	0
1522	1519	124.59	1.78	2.2	59.94	140.39	0	0	266	1	1	1	0	1	0	0.000	0
1523	1520	124.67	1.85	2.3	59.93	149.86	0	0	284	1	1	1	0	1	0	0.000	0
1524	1521	124.75	1.96	2.3	61.92	153.7	0	0	327	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1525	1522	124.83	2.04	2.3	63.53	164.58	0	0	363	0	1	1	0	1	0	0.000	0
1526	1523	124.92	2.06	2.3	64.63	169.14	0	0	378	0	1	1	0	1	0	0.000	0
1527	1524	125	2.15	2.3	63.41	165.53	0	0	400	0	1	1	0	1	0	0.000	0
1528	1525	125.08	2.31	2.3	61.13	160.16	0	0	442	0	1	1	0	1	0	0.000	0
1529	1526	125.16	2.4	2.3	60.49	159.03	0	0	472	1	1	1	0	1	0	0.000	0
1530	1527	125.24	2.34	2.3	60.11	165.02	0	0	444	0	1	1	0	1	0	0.000	0
1531	1528	125.33	2.16	2.3	59.26	153.86	0	0	371	1	1	1	0	1	0	0.000	0
1532	1529	125.41	2.06	2.3	56.35	143.41	0	0	318	1	1	1	0	1	0	0.000	0
1533	1530	125.49	1.84	2.3	52.68	134.03	0	0	238	1	1	1	0	1	0	0.000	0
1534	1531	125.57	1.74	2.3	46.94	112.29	0	0	186	1	1	1	0	1	0	0.000	0
1535	1532	125.65	1.97	2.4	36.22	95.71	0	0	158	1	1	1	0	1	0	0.000	0
1536	1533	125.74	2.91	2.6	27.08	61.74	0	0	225	1	0	1	0	1	0	0.000	0
1537	1534	125.82	4.41	2.9	18.98	40.14	0	0	351	1	0	0	0	1	0	0.000	0
1538	1535	125.9	6.33	3.1	12.96	30.02	0	0	110	1	0	0	0	1	0	0.000	0
1539	1536	125.98	8.44	3.3	9.01	18.28	0	0	-3697	1	0	0	1	1	0	0.000	0
1540	1537	126.06	12.09	3.6	5.84	13.86	0	0	-70893	1	0	0	1	1	0	0.000	0
1541	1538	126.15	14.09	3.7	4.3	9.91	0	0	-273749	1	0	0	1	1	0	0.000	0
1542	1539	126.23	12.86	3.7	3.47	8.86	0	0	-150627	1	0	0	1	1	0	0.000	0
1543	1540	126.31	9.19	3.7	3.31	8.74	0	0	-16055	1	0	0	1	1	0	0.000	0
1544	1541	126.39	6.74	3.6	3.3	8.73	0	0	-2959	1	0	0	1	1	0	0.000	0
1545	1542	126.47	6.32	3.6	3.29	8.64	0	0	-2177	1	0	0	1	1	0	0.000	0
1546	1543	126.56	6.25	3.6	3.24	8.53	0	0	-2079	1	0	0	1	1	0	0.000	0
1547	1544	126.64	6.15	3.6	3.3	8.29	0	0	-1917	1	0	0	1	1	0	0.000	0
1548	1545	126.72	6.11	3.6	3.37	8.61	0	0	-1847	1	0	0	1	1	0	0.000	0
1549	1546	126.8	5.83	3.5	3.49	8.53	0	0	-1677	1	0	0	1	1	0	0.000	0
1550	1547	126.88	5.61	3.5	3.49	8.54	0	0	-1250	1	0	0	1	1	0	0.000	0
1551	1548	126.97	5.46	3.5	3.48	8.54	0	0	-1115	1	0	0	1	1	0	0.000	0
1552	1549	127.05	5.34	3.5	3.48	8.47	0	0	-1017	1	0	0	1	1	0	0.000	0
1553	1550	127.13	5.3	3.5	3.5	8.51	0	0	-984	1	0	0	1	1	0	0.000	0
1554	1551	127.21	5.2	3.5	3.55	8.59	0	0	-905	1	0	0	1	1	0	0.000	0
1555	1552	127.3	5.12	3.5	3.61	8.67	0	0	-845	1	0	0	1	1	0	0.000	0
1556	1553	127.38	4.98	3.5	3.72	8.8	0	0	-748	1	0	0	1	1	0	0.000	0
1557	1554	127.46	4.96	3.5	3.77	9.18	0	0	-732	1	0	0	1	1	0	0.000	0
1558	1555	127.54	5.14	3.5	3.72	9.09	0	0	-847	1	0	0	1	1	0	0.000	0
1559	1556	127.62	5.29	3.5	3.68	8.96	0	0	-956	1	0	0	1	1	0	0.000	0
1560	1557	127.71	5.41	3.5	3.68	9.36	0	0	-1049	1	0	0	1	1	0	0.000	0
1561	1558	127.79	5.43	3.5	3.74	9.35	0	0	-1058	1	0	0	1	1	0	0.000	0
1562	1559	127.87	5.64	3.5	3.72	9.28	0	0	-1246	1	0	0	1	1	0	0.000	0
1563	1560	127.95	5.84	3.5	3.71	9.17	0	0	-1452	1	0	0	1	1	0	0.000	0
1564	1561	128.03	5.96	3.5	3.69	9.23	0	0	-1593	1	0	0	1	1	0	0.000	0
1565	1562	128.12	6.02	3.5	3.69	9.22	0	0	-1666	1	0	0	1	1	0	0.000	0
1566	1563	128.2	6.08	3.5	3.69	9.22	0	0	-1742	1	0	0	1	1	0	0.000	0
1567	1564	128.28	6.1	3.5	3.71	9.26	0	0	-1765	1	0	0	1	1	0	0.000	0
1568	1565	128.36	6.09	3.5	3.7	9.28	0	0	-1753	1	0	0	1	1	0	0.000	0
1569	1566	128.44	6.02	3.5	3.68	9.13	0	0	-1668	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1570	1567	128.53	5.95	3.5	3.63	9.1	0	0	-1591	1	0	0	1	1	0	0.000	0
1571	1568	128.61	5.78	3.5	3.61	9.02	0	0	-1403	1	0	0	1	1	0	0.000	0
1572	1569	128.69	5.61	3.5	3.64	9.02	0	0	-1229	1	0	0	1	1	0	0.000	0
1573	1570	128.77	5.49	3.5	3.72	9.23	0	0	-1111	1	0	0	1	1	0	0.000	0
1574	1571	128.85	5.47	3.5	3.83	9.39	0	0	-1080	1	0	0	1	1	0	0.000	0
1575	1572	128.94	5.86	3.5	3.83	9.65	0	0	-1454	1	0	0	1	1	0	0.000	0
1576	1573	129.02	6.35	3.5	3.82	9.48	0	0	-2098	1	0	0	1	1	0	0.000	0
1577	1574	129.1	7.49	3.6	3.82	9.55	0	0	-4772	1	0	0	1	1	0	0.000	0
1578	1575	129.18	8.47	3.6	4.03	9.72	0	0	-9156	1	0	0	1	1	0	0.000	0
1579	1576	129.26	8.56	3.6	4.46	10.5	0	0	-9235	1	0	0	1	1	0	0.000	0
1580	1577	129.35	8.06	3.5	4.83	12.05	0	0	-6269	1	0	0	1	1	0	0.000	0
1581	1578	129.43	7.94	3.5	4.69	12.31	0	0	-5877	1	0	0	1	1	0	0.000	0
1582	1579	129.51	8.62	3.6	4.23	10.33	0	0	-9891	1	0	0	1	1	0	0.000	0
1583	1580	129.59	9.36	3.6	3.81	9.63	0	0	-16971	1	0	0	1	1	0	0.000	0
1584	1581	129.67	8.55	3.6	3.74	9.61	0	0	-9995	1	0	0	1	1	0	0.000	0
1585	1582	129.76	7.39	3.6	3.73	9.57	0	0	-4493	1	0	0	1	1	0	0.000	0
1586	1583	129.84	6.49	3.6	3.63	9.36	0	0	-2377	1	0	0	1	1	0	0.000	0
1587	1584	129.92	6.44	3.6	3.43	8.87	0	0	-2343	1	0	0	1	1	0	0.000	0
1588	1585	130	6.73	3.6	3.17	8.38	0	0	-2979	1	0	0	1	1	0	0.000	0
1589	1586	130.08	6.94	3.6	2.96	7.79	0	0	-3546	1	0	0	1	1	0	0.000	0
1590	1587	130.17	7.01	3.7	2.84	7.66	0	0	-3776	1	0	0	1	1	0	0.000	0
1591	1588	130.25	6.72	3.7	2.81	7.56	0	0	-3672	1	0	0	1	1	0	0.000	0
1592	1589	130.33	6.28	3.6	2.82	7.52	0	0	-2224	1	0	0	1	1	0	0.000	0
1593	1590	130.41	5.77	3.6	2.86	7.54	0	0	-1510	1	0	0	1	1	0	0.000	0
1594	1591	130.49	5.48	3.6	2.92	7.61	0	0	-1103	1	0	0	1	1	0	0.000	0
1595	1592	130.58	5.47	3.6	2.98	7.76	0	0	-1186	1	0	0	1	1	0	0.000	0
1596	1593	130.66	5.72	3.6	3.02	7.84	0	0	-1430	1	0	0	1	1	0	0.000	0
1597	1594	130.74	6	3.6	3.03	7.84	0	0	-1764	1	0	0	1	1	0	0.000	0
1598	1595	130.82	6.31	3.6	2.98	7.79	0	0	-2234	1	0	0	1	1	0	0.000	0
1599	1596	130.9	6.49	3.6	2.88	7.62	0	0	-2578	1	0	0	1	1	0	0.000	0
1600	1597	130.99	6.56	3.7	2.77	7.35	0	0	-2744	1	0	0	1	1	0	0.000	0
1601	1598	131.07	6.44	3.7	2.66	7.13	0	0	-2542	1	0	0	1	1	0	0.000	0
1602	1599	131.15	6.27	3.7	2.55	6.87	0	0	-2267	1	0	0	1	1	0	0.000	0
1603	1600	131.23	6.04	3.7	2.37	6.59	0	0	-1944	1	0	0	1	1	0	0.000	0
1604	1601	131.31	5.79	3.7	2.18	6.09	0	0	-1641	1	0	0	1	1	0	0.000	0
1605	1602	131.4	5.54	3.7	1.99	5.81	0	0	-1382	1	0	0	1	1	0	0.000	0
1606	1603	131.48	5.34	3.7	1.87	5.56	0	0	-1198	1	0	0	1	1	0	0.000	0
1607	1604	131.56	5.32	3.8	1.79	5.43	0	0	-1189	1	0	0	1	1	0	0.000	0
1608	1605	131.64	5.29	3.8	1.74	5.35	0	0	-1167	1	0	0	1	1	0	0.000	0
1609	1606	131.72	5.25	3.8	1.7	5.27	0	0	-1135	1	0	0	1	1	0	0.000	0
1610	1607	131.81	5.06	3.8	1.69	5.21	0	0	-980	1	0	0	1	1	0	0.000	0
1611	1608	131.89	4.82	3.8	1.71	5.23	0	0	-810	1	0	0	1	1	0	0.000	0
1612	1609	131.97	4.65	3.7	1.76	5.35	0	0	-704	1	0	0	1	1	0	0.000	0
1613	1610	132.05	4.55	3.7	1.82	5.43	0	0	-647	1	0	0	1	1	0	0.000	0
1614	1611	132.13	4.45	3.7	1.88	5.51	0	0	-593	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1615	1612	132.22	4.18	3.7	1.93	5.7	0	0	-475	1	0	0	1	1	0	0.000	0
1616	1613	132.3	3.91	3.7	1.94	5.74	0	0	-380	1	0	0	1	1	0	0.000	0
1617	1614	132.38	3.81	3.7	1.87	5.59	0	0	-352	1	0	0	1	1	0	0.000	0
1618	1615	132.46	3.81	3.7	1.79	5.39	0	0	-355	1	0	0	1	1	0	0.000	0
1619	1616	132.54	3.8	3.7	1.74	5.3	0	0	-353	1	0	0	1	1	0	0.000	0
1620	1617	132.63	3.64	3.7	1.71	5.25	0	0	-310	1	0	0	1	1	0	0.000	0
1621	1618	132.71	3.59	3.7	1.65	5.12	0	0	-299	1	0	0	1	1	0	0.000	0
1622	1619	132.79	3.6	3.7	1.59	4.93	0	0	-303	1	0	0	1	1	0	0.000	0
1623	1620	132.87	3.68	3.7	1.56	4.88	0	0	-325	1	0	0	1	1	0	0.000	0
1624	1621	132.95	3.57	3.7	1.62	4.88	0	0	-295	1	0	0	1	1	0	0.000	0
1625	1622	133.04	3.49	3.7	1.76	5.14	0	0	-272	1	0	0	1	1	0	0.000	0
1626	1623	133.12	3.64	3.6	2.11	5.58	0	0	-299	1	0	0	1	1	0	0.000	0
1627	1624	133.2	3.97	3.6	2.59	6.77	0	0	-375	1	0	0	1	1	0	0.000	0
1628	1625	133.28	3.99	3.5	3.05	7.82	0	0	-363	1	0	0	1	1	0	0.000	0
1629	1626	133.36	3.97	3.5	3.23	8.3	0	0	-350	1	0	0	1	1	0	0.000	0
1630	1627	133.45	4.14	3.5	3.08	8.1	0	0	-409	1	0	0	1	1	0	0.000	0
1631	1628	133.53	4.56	3.6	2.88	7.46	0	0	-587	1	0	0	1	1	0	0.000	0
1632	1629	133.61	4.61	3.5	2.94	7.42	0	0	-607	1	0	0	1	1	0	0.000	0
1633	1630	133.69	4.53	3.5	3.24	8.37	0	0	-552	1	0	0	1	1	0	0.000	0
1634	1631	133.77	4.82	3.5	3.47	8.82	0	0	-678	1	0	0	1	1	0	0.000	0
1635	1632	133.86	5.42	3.5	3.49	8.56	0	0	-1080	1	0	0	1	1	0	0.000	0
1636	1633	133.94	6.12	3.6	3.36	8.45	0	0	-1862	1	0	0	1	1	0	0.000	0
1637	1634	134.02	6.72	3.6	3.23	8.31	0	0	-2933	1	0	0	1	1	0	0.000	0
1638	1635	134.1	7.23	3.6	3.16	8.04	0	0	-4272	1	0	0	1	1	0	0.000	0
1639	1636	134.18	7.39	3.6	3.13	8.02	0	0	-4401	1	0	0	1	1	0	0.000	0
1640	1637	134.27	7.12	3.6	3.14	7.92	0	0	-3958	1	0	0	1	1	0	0.000	0
1641	1638	134.35	6.65	3.6	3.1	7.77	0	0	-2832	1	0	0	1	1	0	0.000	0
1642	1639	134.43	6.15	3.6	3.07	7.71	0	0	-1965	1	0	0	1	1	0	0.000	0
1643	1640	134.51	5.73	3.6	3.11	7.68	0	0	-1427	1	0	0	1	1	0	0.000	0
1644	1641	134.59	5.44	3.6	3.17	7.82	0	0	-1136	1	0	0	1	1	0	0.000	0
1645	1642	134.68	5.12	3.5	3.28	7.98	0	0	-876	1	0	0	1	1	0	0.000	0
1646	1643	134.76	4.78	3.5	3.37	8.15	0	0	-664	1	0	0	1	1	0	0.000	0
1647	1644	134.84	4.56	3.5	3.38	8.23	0	0	-557	1	0	0	1	1	0	0.000	0
1648	1645	134.92	4.82	3.5	3.31	7.96	0	0	-690	1	0	0	1	1	0	0.000	0
1649	1646	135	5.5	3.6	3.12	7.67	0	0	-1196	1	0	0	1	1	0	0.000	0
1650	1647	135.09	6.39	3.6	2.91	7.36	0	0	-2387	1	0	0	1	1	0	0.000	0
1651	1648	135.17	6.94	3.7	2.76	7.18	0	0	-3620	1	0	0	1	1	0	0.000	0
1652	1649	135.25	7.15	3.7	2.67	7.15	0	0	-4247	1	0	0	1	1	0	0.000	0
1653	1650	135.33	7.01	3.7	2.65	6.96	0	0	-3850	1	0	0	1	1	0	0.000	0
1654	1651	135.41	6.79	3.7	2.61	6.98	0	0	-3298	1	0	0	1	1	0	0.000	0
1655	1652	135.5	6.14	3.7	2.57	6.87	0	0	-2054	1	0	0	1	1	0	0.000	0
1656	1653	135.58	5.53	3.6	2.51	6.74	0	0	-1303	1	0	0	1	1	0	0.000	0
1657	1654	135.66	4.98	3.6	2.5	6.71	0	0	-852	1	0	0	1	1	0	0.000	0
1658	1655	135.74	5.01	3.6	2.53	6.69	0	0	-869	1	0	0	1	1	0	0.000	0
1659	1656	135.83	4.89	3.6	2.65	6.7	0	0	-781	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1660	1657	135.91	4.62	3.6	2.78	7.12	0	0	-622	1	0	0	1	1	0	0.000	0
1661	1658	135.99	4.21	3.5	2.93	7.28	0	0	-440	1	0	0	1	1	0	0.000	0
1662	1659	136.07	4.04	3.5	3.04	7.44	0	0	-379	1	0	0	1	1	0	0.000	0
1663	1660	136.15	3.98	3.5	3.15	7.58	0	0	-356	1	0	0	1	1	0	0.000	0
1664	1661	136.24	4.04	3.5	3.22	7.7	0	0	-372	1	0	0	1	1	0	0.000	0
1665	1662	136.32	4.29	3.5	3.21	7.73	0	0	-456	1	0	0	1	1	0	0.000	0
1666	1663	136.4	4.64	3.5	3.15	7.61	0	0	-608	1	0	0	1	1	0	0.000	0
1667	1664	136.48	4.92	3.5	3.09	7.53	0	0	-764	1	0	0	1	1	0	0.000	0
1668	1665	136.56	5.02	3.6	3.07	7.52	0	0	-829	1	0	0	1	1	0	0.000	0
1669	1666	136.65	5.03	3.6	3.06	7.45	0	0	-836	1	0	0	1	1	0	0.000	0
1670	1667	136.73	5.04	3.6	3.05	7.43	0	0	-844	1	0	0	1	1	0	0.000	0
1671	1668	136.81	5.01	3.6	3.05	7.39	0	0	-824	1	0	0	1	1	0	0.000	0
1672	1669	136.89	4.99	3.6	3.01	7.32	0	0	-815	1	0	0	1	1	0	0.000	0
1673	1670	136.97	5.02	3.6	2.98	7.21	0	0	-837	1	0	0	1	1	0	0.000	0
1674	1671	137.06	5.09	3.6	2.98	7.3	0	0	-884	1	0	0	1	1	0	0.000	0
1675	1672	137.14	5.1	3.6	3.04	7.42	0	0	-885	1	0	0	1	1	0	0.000	0
1676	1673	137.22	5.04	3.6	3.09	7.5	0	0	-840	1	0	0	1	1	0	0.000	0
1677	1674	137.3	4.94	3.5	3.11	7.55	0	0	-775	1	0	0	1	1	0	0.000	0
1678	1675	137.38	4.94	3.5	3.12	7.6	0	0	-774	1	0	0	1	1	0	0.000	0
1679	1676	137.47	4.98	3.6	3.08	7.64	0	0	-802	1	0	0	1	1	0	0.000	0
1680	1677	137.55	5.07	3.6	3	7.47	0	0	-868	1	0	0	1	1	0	0.000	0
1681	1678	137.63	5.16	3.6	2.91	7.31	0	0	-940	1	0	0	1	1	0	0.000	0
1682	1679	137.71	5.23	3.6	2.84	7.21	0	0	-1001	1	0	0	1	1	0	0.000	0
1683	1680	137.79	5.21	3.6	2.81	7.09	0	0	-988	1	0	0	1	1	0	0.000	0
1684	1681	137.88	5.11	3.6	2.77	7.06	0	0	-917	1	0	0	1	1	0	0.000	0
1685	1682	137.96	4.97	3.6	2.74	6.95	0	0	-825	1	0	0	1	1	0	0.000	0
1686	1683	138.04	4.81	3.6	2.73	6.9	0	0	-728	1	0	0	1	1	0	0.000	0
1687	1684	138.12	4.66	3.6	2.77	6.98	0	0	-643	1	0	0	1	1	0	0.000	0
1688	1685	138.2	4.52	3.6	2.84	7.1	0	0	-571	1	0	0	1	1	0	0.000	0
1689	1686	138.29	4.46	3.5	2.89	7.15	0	0	-541	1	0	0	1	1	0	0.000	0
1690	1687	138.37	4.47	3.5	2.9	7.19	0	0	-545	1	0	0	1	1	0	0.000	0
1691	1688	138.45	4.59	3.6	2.87	7.15	0	0	-602	1	0	0	1	1	0	0.000	0
1692	1689	138.53	4.74	3.6	2.79	7.06	0	0	-684	1	0	0	1	1	0	0.000	0
1693	1690	138.61	4.76	3.6	2.73	6.89	0	0	-699	1	0	0	1	1	0	0.000	0
1694	1691	138.7	4.66	3.6	2.7	6.87	0	0	-648	1	0	0	1	1	0	0.000	0
1695	1692	138.78	4.49	3.6	2.7	6.89	0	0	-565	1	0	0	1	1	0	0.000	0
1696	1693	138.86	4.33	3.6	2.69	6.82	0	0	-498	1	0	0	1	1	0	0.000	0
1697	1694	138.94	4.31	3.6	2.66	6.74	0	0	-491	1	0	0	1	1	0	0.000	0
1698	1695	139.02	4.24	3.6	2.63	6.66	0	0	-465	1	0	0	1	1	0	0.000	0
1699	1696	139.11	4.14	3.6	2.64	6.67	0	0	-428	1	0	0	1	1	0	0.000	0
1700	1697	139.19	3.99	3.6	2.66	6.83	0	0	-378	1	0	0	1	1	0	0.000	0
1701	1698	139.27	3.91	3.5	2.69	6.8	0	0	-353	1	0	0	1	1	0	0.000	0
1702	1699	139.35	3.91	3.5	2.7	6.74	0	0	-353	1	0	0	1	1	0	0.000	0
1703	1700	139.43	3.83	3.5	2.69	6.75	0	0	-330	1	0	0	1	1	0	0.000	0
1704	1701	139.52	3.85	3.5	2.64	6.71	0	0	-337	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1705	1702	139.6	4	3.6	2.55	6.57	0	0	-385	1	0	0	1	1	0	0.000	0
1706	1703	139.68	4.13	3.6	2.46	6.3	0	0	-433	1	0	0	1	1	0	0.000	0
1707	1704	139.76	4.04	3.6	2.46	6.28	0	0	-402	1	0	0	1	1	0	0.000	0
1708	1705	139.84	3.78	3.6	2.57	6.53	0	0	-321	1	0	0	1	1	0	0.000	0
1709	1706	139.93	3.63	3.5	2.71	6.79	0	0	-279	1	0	0	1	1	0	0.000	0
1710	1707	140.01	3.67	3.5	2.8	6.96	0	0	-286	1	0	0	1	1	0	0.000	0
1711	1708	140.09	3.84	3.5	2.82	6.98	0	0	-329	1	0	0	1	1	0	0.000	0
1712	1709	140.17	4.19	3.5	2.81	6.93	0	0	-439	1	0	0	1	1	0	0.000	0
1713	1710	140.25	4.62	3.6	2.84	7.04	0	0	-619	1	0	0	1	1	0	0.000	0
1714	1711	140.34	4.87	3.6	2.96	7.24	0	0	-745	1	0	0	1	1	0	0.000	0
1715	1712	140.42	5.09	3.6	3.1	7.53	0	0	-873	1	0	0	1	1	0	0.000	0
1716	1713	140.5	5.09	3.5	3.35	7.73	0	0	-849	1	0	0	1	1	0	0.000	0
1717	1714	140.58	5.05	3.5	3.63	8.67	0	0	-798	1	0	0	1	1	0	0.000	0
1718	1715	140.66	5.07	3.5	3.73	9.47	0	0	-801	1	0	0	1	1	0	0.000	0
1719	1716	140.75	5.35	3.5	3.55	8.89	0	0	-1017	1	0	0	1	1	0	0.000	0
1720	1717	140.83	5.88	3.6	3.19	8.18	0	0	-1585	1	0	0	1	1	0	0.000	0
1721	1718	140.91	6.17	3.6	2.93	7.46	0	0	-2024	1	0	0	1	1	0	0.000	0
1722	1719	140.99	6.1	3.6	2.76	7.18	0	0	-1955	1	0	0	1	1	0	0.000	0
1723	1720	141.07	5.83	3.6	2.66	6.92	0	0	-1613	1	0	0	1	1	0	0.000	0
1724	1721	141.16	5.47	3.6	2.61	6.66	0	0	-1232	1	0	0	1	1	0	0.000	0
1725	1722	141.24	5.13	3.6	2.61	6.69	0	0	-947	1	0	0	1	1	0	0.000	0
1726	1723	141.32	4.81	3.6	2.66	6.79	0	0	-733	1	0	0	1	1	0	0.000	0
1727	1724	141.4	4.68	3.6	2.72	6.85	0	0	-654	1	0	0	1	1	0	0.000	0
1728	1725	141.48	4.75	3.6	2.74	6.96	0	0	-693	1	0	0	1	1	0	0.000	0
1729	1726	141.57	4.86	3.6	2.75	6.94	0	0	-755	1	0	0	1	1	0	0.000	0
1730	1727	141.65	4.98	3.6	2.74	6.93	0	0	-831	1	0	0	1	1	0	0.000	0
1731	1728	141.73	4.98	3.6	2.72	6.89	0	0	-833	1	0	0	1	1	0	0.000	0
1732	1729	141.81	4.95	3.6	2.71	6.82	0	0	-814	1	0	0	1	1	0	0.000	0
1733	1730	141.89	4.94	3.6	2.7	6.84	0	0	-809	1	0	0	1	1	0	0.000	0
1734	1731	141.98	5.02	3.6	2.7	6.77	0	0	-861	1	0	0	1	1	0	0.000	0
1735	1732	142.06	5.13	3.6	2.71	6.71	0	0	-938	1	0	0	1	1	0	0.000	0
1736	1733	142.14	5.07	3.6	2.76	6.8	0	0	-890	1	0	0	1	1	0	0.000	0
1737	1734	142.22	4.99	3.6	2.84	7.03	0	0	-829	1	0	0	1	1	0	0.000	0
1738	1735	142.3	4.94	3.6	2.91	7.18	0	0	-791	1	0	0	1	1	0	0.000	0
1739	1736	142.39	5.1	3.6	2.92	7.16	0	0	-896	1	0	0	1	1	0	0.000	0
1740	1737	142.47	5.31	3.6	2.85	7.19	0	0	-1063	1	0	0	1	1	0	0.000	0
1741	1738	142.55	5.44	3.6	2.78	6.97	0	0	-1183	1	0	0	1	1	0	0.000	0
1742	1739	142.63	5.42	3.6	2.73	6.9	0	0	-1171	1	0	0	1	1	0	0.000	0
1743	1740	142.71	5.14	3.6	2.77	6.9	0	0	-939	1	0	0	1	1	0	0.000	0
1744	1741	142.8	4.75	3.6	2.87	7.05	0	0	-684	1	0	0	1	1	0	0.000	0
1745	1742	142.88	4.44	3.5	2.97	7.37	0	0	-528	1	0	0	1	1	0	0.000	0
1746	1743	142.96	4.42	3.5	3.04	7.43	0	0	-516	1	0	0	1	1	0	0.000	0
1747	1744	143.04	4.68	3.5	3.09	7.36	0	0	-632	1	0	0	1	1	0	0.000	0
1748	1745	143.12	4.97	3.5	3.26	7.6	0	0	-781	1	0	0	1	1	0	0.000	0
1749	1746	143.21	5.2	3.5	3.64	8.29	0	0	-896	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1750	1747	143.29	5.19	3.4	4.34	9.38	0	0	-819	1	0	0	1	1	0	0.000	0
1751	1748	143.37	5.62	3.4	5.39	11.76	0	0	-994	1	0	0	1	1	0	0.000	0
1752	1749	143.45	6.5	3.3	6.57	14.84	0	0	-1601	1	0	0	1	1	0	0.000	0
1753	1750	143.53	8.59	3.4	7.53	17.18	0	0	-5825	1	0	0	1	1	0	0.000	0
1754	1751	143.62	10.58	3.4	7.9	19.01	0	0	-19573	1	0	0	1	1	0	0.000	0
1755	1752	143.7	12.79	3.5	7.54	18.82	0	0	-79465	1	0	0	1	1	0	0.000	0
1756	1753	143.78	14.08	3.5	6.82	16.4	0	0	-188576	1	0	0	1	1	0	0.000	0
1757	1754	143.86	13.58	3.6	6.45	14.93	0	0	-152000	1	0	0	1	1	0	0.000	0
1758	1755	143.95	12.83	3.6	5.78	16.41	0	0	-110174	1	0	0	1	1	0	0.000	0
1759	1756	144.03	11.95	3.6	4.92	12.11	0	0	-74262	1	0	0	1	1	0	0.000	0
1760	1757	144.11	13.04	3.7	3.65	9.64	0	0	-163693	1	0	0	1	1	0	0.000	0
1761	1758	144.19	13.1	3.8	2.99	8.38	0	0	-182039	1	0	0	1	1	0	0.000	0
1762	1759	144.27	11.94	3.8	2.7	7.61	0	0	-95442	1	0	0	1	1	0	0.000	0
1763	1760	144.36	10.22	3.8	2.62	7.49	0	0	-33532	1	0	0	1	1	0	0.000	0
1764	1761	144.44	8.81	3.7	2.64	7.53	0	0	-13393	1	0	0	1	1	0	0.000	0
1765	1762	144.52	8.21	3.7	2.64	7.52	0	0	-8931	1	0	0	1	1	0	0.000	0
1766	1763	144.6	7.92	3.7	2.61	7.31	0	0	-7339	1	0	0	1	1	0	0.000	0
1767	1764	144.68	8.07	3.7	2.55	7.19	0	0	-8188	1	0	0	1	1	0	0.000	0
1768	1765	144.77	8.27	3.7	2.53	6.96	0	0	-9408	1	0	0	1	1	0	0.000	0
1769	1766	144.85	8	3.7	2.64	6.98	0	0	-7733	1	0	0	1	1	0	0.000	0
1770	1767	144.93	7.35	3.7	2.85	7.62	0	0	-8306	1	0	0	1	1	0	0.000	0
1771	1768	145.01	6.65	3.6	3.22	8.01	0	0	-2795	1	0	0	1	1	0	0.000	0
1772	1769	145.09	6.34	3.6	3.56	8.85	0	0	-2141	1	0	0	1	1	0	0.000	0
1773	1770	145.18	6.37	3.5	3.87	9.44	0	0	-2117	1	0	0	1	1	0	0.000	0
1774	1771	145.26	6.87	3.5	4.05	9.77	0	0	-2186	1	0	0	1	1	0	0.000	0
1775	1772	145.34	7.67	3.6	4.13	10.07	0	0	-5221	1	0	0	1	1	0	0.000	0
1776	1773	145.42	8.6	3.6	4.12	10.18	0	0	-9889	1	0	0	1	1	0	0.000	0
1777	1774	145.5	9.66	3.6	3.91	9.83	0	0	-20384	1	0	0	1	1	0	0.000	0
1778	1775	145.59	10.65	3.7	3.57	8.91	0	0	-39691	1	0	0	1	1	0	0.000	0
1779	1776	145.67	11.54	3.7	3.25	8.21	0	0	-70908	1	0	0	1	1	0	0.000	0
1780	1777	145.75	11.33	3.7	3.19	7.89	0	0	-62853	1	0	0	1	1	0	0.000	0
1781	1778	145.83	10.03	3.7	3.52	8.34	0	0	-27016	1	0	0	1	1	0	0.000	0
1782	1779	145.91	8.32	3.6	4.21	9.92	0	0	-8094	1	0	0	1	1	0	0.000	0
1783	1780	146	7.53	3.5	4.64	11.72	0	0	-4445	1	0	0	1	1	0	0.000	0
1784	1781	146.08	7.63	3.5	4.62	11.46	0	0	-4780	1	0	0	1	1	0	0.000	0
1785	1782	146.16	8.74	3.6	4.18	10.66	0	0	-10785	1	0	0	1	1	0	0.000	0
1786	1783	146.24	10.08	3.6	3.82	9.81	0	0	-26957	1	0	0	1	1	0	0.000	0
1787	1784	146.32	10.88	3.7	3.66	9.31	0	0	-45310	1	0	0	1	1	0	0.000	0
1788	1785	146.41	10.69	3.7	3.65	9.34	0	0	-40326	1	0	0	1	1	0	0.000	0
1789	1786	146.49	9.78	3.7	3.73	9.41	0	0	-22484	1	0	0	1	1	0	0.000	0
1790	1787	146.57	9.1	3.6	3.74	9.49	0	0	-14423	1	0	0	1	1	0	0.000	0
1791	1788	146.65	8.56	3.6	3.69	9.25	0	0	-10120	1	0	0	1	1	0	0.000	0
1792	1789	146.73	8.85	3.6	3.6	9.03	0	0	-12416	1	0	0	1	1	0	0.000	0
1793	1790	146.82	9.54	3.7	3.57	8.92	0	0	-19608	1	0	0	1	1	0	0.000	0
1794	1791	146.9	10.14	3.7	3.53	8.9	0	0	-28940	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1795	1792	146.98	9.92	3.7	3.45	8.67	0	0	-25381	1	0	0	1	1	0	0.000	0
1796	1793	147.06	9	3.7	3.3	8.27	0	0	-14179	1	0	0	1	1	0	0.000	0
1797	1794	147.14	7.66	3.6	3.3	7.84	0	0	-5699	1	0	0	1	1	0	0.000	0
1798	1795	147.23	6.25	3.6	3.46	8.44	0	0	-2029	1	0	0	1	1	0	0.000	0
1799	1796	147.31	5.44	3.5	3.55	9.12	0	0	-1090	1	0	0	1	1	0	0.000	0
1800	1797	147.39	5.09	3.5	3.65	8.44	0	0	-821	1	0	0	1	1	0	0.000	0
1801	1798	147.47	4.99	3.5	3.87	9.06	0	0	-741	1	0	0	1	1	0	0.000	0
1802	1799	147.55	4.68	3.4	4.47	10.26	0	0	-539	1	0	0	1	1	0	0.000	0
1803	1800	147.64	4.61	3.4	4.94	11.65	0	0	-480	1	0	0	1	1	0	0.000	0
1804	1801	147.72	4.79	3.4	5.17	11.94	0	0	-537	1	0	0	1	1	0	0.000	0
1805	1802	147.8	5.36	3.4	5.08	11.91	0	0	-849	1	0	0	1	1	0	0.000	0
1806	1803	147.88	5.9	3.4	5.01	11.5	0	0	-1294	1	0	0	1	1	0	0.000	0
1807	1804	147.96	6.59	3.5	4.88	11.89	0	0	-2197	1	0	0	1	1	0	0.000	0
1808	1805	148.05	7.48	3.5	4.88	11.49	0	0	-4160	1	0	0	1	1	0	0.000	0
1809	1806	148.13	8.05	3.5	4.81	11.69	0	0	-6242	1	0	0	1	1	0	0.000	0
1810	1807	148.21	7.86	3.5	4.87	11.43	0	0	-5432	1	0	0	1	1	0	0.000	0
1811	1808	148.29	7.91	3.5	5.09	11.68	0	0	-5461	1	0	0	1	1	0	0.000	0
1812	1809	148.37	6.05	3.3	7.54	12.69	0	0	-959	1	0	0	1	1	0	0.000	0
1813	1810	148.46	5.46	3.1	10.78	27.23	0	0	-213	1	0	0	1	1	0	0.000	0
1814	1811	148.54	5.49	3.0	15.23	33.7	0	0	-345	1	0	0	0	1	0	0.000	0
1815	1812	148.62	6.5	3.0	18.5	45.54	0	0	-1620	1	0	0	0	1	0	0.000	0
1816	1813	148.7	8.19	3.1	19.29	55.89	0	0	-6067	1	0	0	0	1	0	0.000	0
1817	1814	148.78	10.88	3.2	16.9	42.22	0	0	-22559	1	0	0	0	1	0	0.000	0
1818	1815	148.87	15.35	3.4	12.95	28.57	0	0	-29729	1	0	0	0	1	0	0.000	0
1819	1816	148.95	17.89	3.5	10.28	24.63	0	0	-53089	1	0	0	1	1	0	0.000	0
1820	1817	149.03	15.64	3.5	9.43	22.11	0	0	-236416	1	0	0	1	1	0	0.000	0
1821	1818	149.11	10.97	3.4	9.36	22.46	0	0	-17012	1	0	0	1	1	0	0.000	0
1822	1819	149.19	5.79	3.2	9.59	24	0	0	-463	1	0	0	1	1	0	0.000	0
1823	1820	149.28	2.6	3.0	9.55	23.69	0	0	-35	1	0	1	1	1	0	0.000	0
1824	1821	149.36	0	4.1	9.07	22.24	0	0	-3	1	0	1	1	1	0	0.000	0
1825	1822	149.44	0	4.1	8.74	20.83	0	0	-4	1	0	1	1	1	0	0.000	0
1826	1823	149.52	0	4.1	8.63	21.46	0	0	-4	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

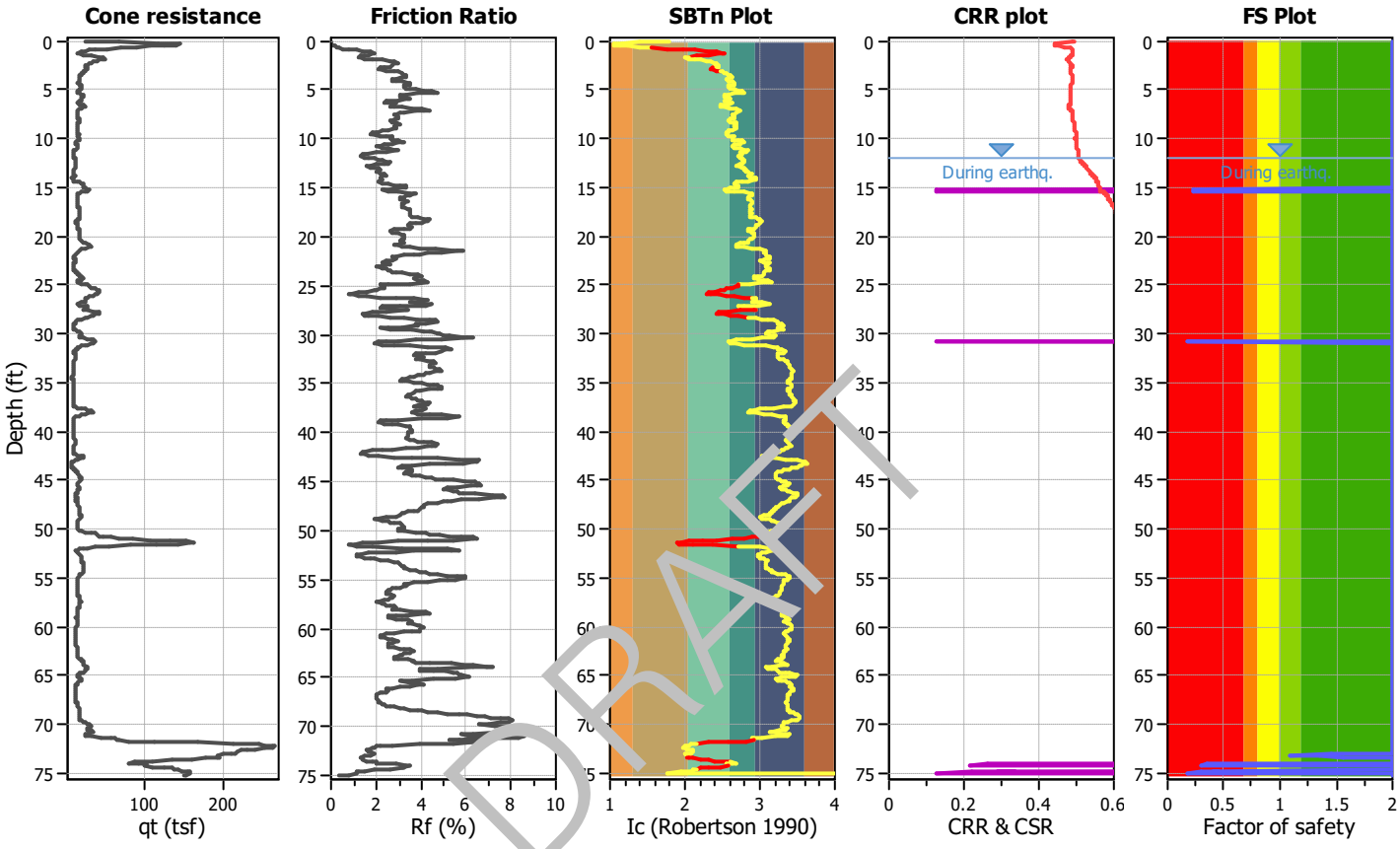
LIQUEFACTION ANALYSIS REPORT

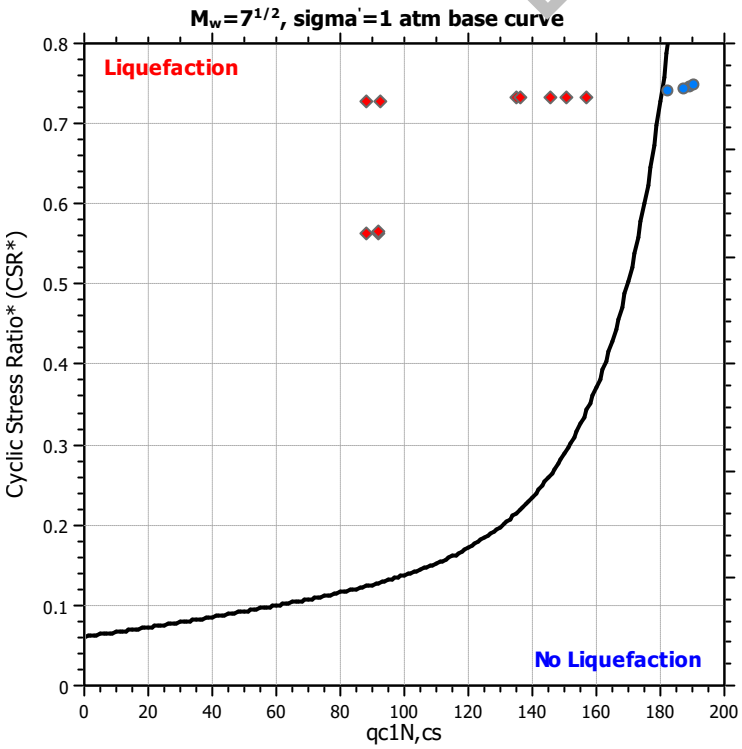
Project title : **Location :**

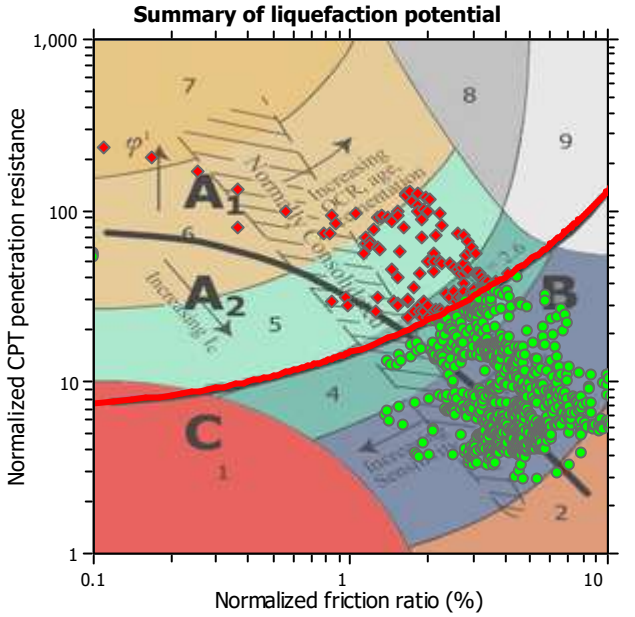
CPT file : CPT-18

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

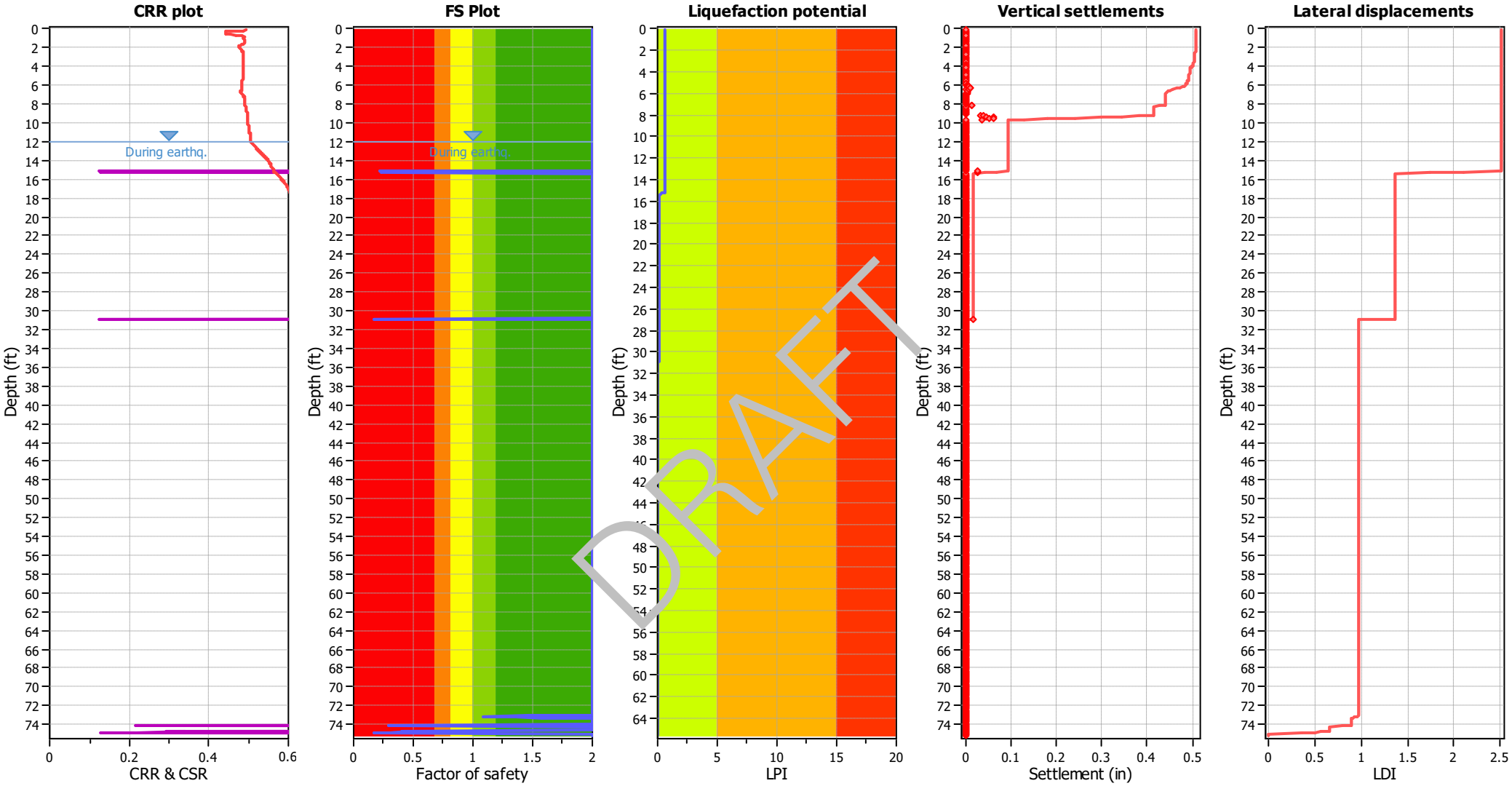






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-18, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0.04	1.8	48.16	12.65	0	0	37	1	1	1	1	1	0	0.110	0
5	2	0.16	0.03	1.4	127.53	97.31	0	0	119	1	1	1	0	1	0	0.110	0
6	3	0.25	0.03	1.2	221.91	215.04	0	0	216	0	1	1	0	1	0	0.110	0
7	4	0.33	0.04	1.1	272.39	253.32	0	0	271	0	1	1	0	1	0	0.110	0
8	5	0.41	0.06	1.0	267.05	226.05	0	0	271	0	1	1	0	1	0	0.110	0
9	6	0.49	0.11	1.1	235.62	201.5	0	0	250	0	1	1	0	1	0	0.110	0
10	7	0.57	0.17	1.2	204.49	173.24	0	0	228	0	1	1	0	1	0	0.110	0
11	8	0.66	0.25	1.4	170.3	146.82	0	0	203	1	1	1	0	1	0	0.110	0
12	9	0.74	0.36	1.6	133.78	114.36	0	0	174	1	1	1	0	1	0	0.110	0
13	10	0.82	0.56	1.8	98.84	80.17	0	0	151	1	1	1	0	1	0	0.110	0
14	11	0.9	0.83	2.0	72.94	57.77	0	0	138	1	1	1	0	1	0	0.110	0
15	12	0.98	1.13	2.1	56.88	48.31	0	0	135	1	1	1	0	1	0	0.110	0
16	13	1.07	1.44	2.3	45.18	39.21	0	0	134	1	1	1	0	1	0	0.110	0
17	14	1.15	1.75	2.4	36.05	27.93	0	0	29	1	1	1	0	1	0	0.110	0
18	15	1.23	1.94	2.5	29.59	24.91	0	0	1	1	1	1	0	1	0	0.110	0
19	16	1.31	1.85	2.5	27.81	22.71	0	0	9	1	1	1	0	1	0	0.110	0
20	17	1.39	1.68	2.5	30.45	23.33	0	0	92	1	1	1	0	1	0	0.110	0
21	18	1.48	1.51	2.3	40.62	31.53	0	0	123	1	1	1	0	1	0	0.110	0
22	19	1.56	1.31	2.2	59.08	48.38	0	0	169	1	1	1	0	1	0	0.110	0
23	20	1.64	1.22	2.1	78.15	70.17	0	0	218	1	1	1	0	1	0	0.110	0
24	21	1.72	1.28	2.0	90.74	80.26	0	0	275	1	1	1	0	1	0	0.110	0
25	22	1.8	1.53	2.1	92.82	80.79	0	0	357	1	1	1	0	1	0	0.110	0
26	23	1.89	1.88	2.1	88.94	75.88	0	0	470	1	1	1	0	1	0	0.110	0
27	24	1.97	2.28	2.2	81.55	70.6	0	0	611	1	1	1	0	1	0	0.110	0
28	25	2.05	2.61	2.3	73.86	62.08	0	0	728	1	1	1	0	1	0	0.110	0
29	26	2.13	2.86	2.4	66.62	56.37	0	0	799	1	1	1	0	1	0	0.110	0
30	27	2.21	2.96	2.4	61.65	52.21	0	0	792	1	1	1	0	1	0	0.110	0
31	28	2.3	2.92	2.4	57.81	49.47	0	0	705	1	1	1	0	1	0	0.110	0
32	29	2.38	2.82	2.4	54.32	46.58	0	0	596	1	1	1	0	1	0	0.110	0
33	30	2.46	2.74	2.4	49.85	43.32	0	0	497	1	1	1	0	1	0	0.110	0
34	31	2.54	2.71	2.5	46.4	38.1	0	0	439	1	1	1	0	1	0	0.110	0
35	32	2.62	2.63	2.4	45.9	37.8	0	0	403	1	1	1	0	1	0	0.110	0
36	33	2.71	2.41	2.4	48.72	42.08	0	0	360	1	1	1	0	1	0	0.110	0
37	34	2.79	2.21	2.4	51.08	45.3	0	0	320	1	1	1	0	1	0	0.110	0
38	35	2.87	2.1	2.3	50.96	43.82	0	0	289	1	1	1	0	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.25	2.4	48.8	41.82	0	0	312	1	1	1	0	1	0	0.110	0
40	37	3.03	2.51	2.4	46.7	39.83	0	0	371	1	1	1	0	1	0	0.110	0
41	38	3.12	2.85	2.5	44.79	38.41	0	0	473	1	1	1	0	1	0	0.110	0
42	39	3.2	3.05	2.5	43.1	36.93	0	0	533	1	1	0	0	1	0	0.110	0
43	40	3.28	3.16	2.5	41.62	35.45	0	0	557	1	1	0	0	1	0	0.110	0
44	41	3.36	3.23	2.6	39.59	34.51	0	0	550	1	1	0	0	1	0	0.110	0
45	42	3.44	3.29	2.6	37.49	31.58	0	0	534	1	1	0	0	1	0	0.110	0
46	43	3.53	3.36	2.6	35.33	29.91	0	0	518	1	0	0	0	1	0	0.110	0
47	44	3.61	3.39	2.6	33.79	28.98	0	0	496	1	0	0	0	1	0	0.110	0
48	45	3.69	3.35	2.6	32.9	27.74	0	0	459	1	0	0	0	1	0	0.110	0
49	46	3.77	3.18	2.6	32.84	27.68	0	0	396	1	0	0	0	1	0	0.110	0
50	47	3.85	2.93	2.6	33.53	28.87	0	0	330	1	1	1	0	1	0	0.110	0
51	48	3.94	2.76	2.6	34.09	29.5	0	0	292	1	1	1	0	1	0	0.110	0
52	49	4.02	2.77	2.6	33.6	29.14	0	0	288	1	1	1	0	1	0	0.110	0
53	50	4.1	2.94	2.6	32.27	27.64	0	0	313	1	1	1	0	1	0	0.110	0
54	51	4.18	3.18	2.6	30.72	26.16	0	0	355	1	0	0	0	1	0	0.110	0
55	52	4.26	3.44	2.7	29.92	25.27	0	0	423	1	0	0	0	1	0	0.110	0
56	53	4.35	3.56	2.7	30.24	25.7	0	0	477	1	0	0	0	1	0	0.110	0
57	54	4.43	3.54	2.7	31.91	27.1	0	0	413	1	0	0	0	1	0	0.110	0
58	55	4.51	3.41	2.6	34.28	29.59	0	0	5[illegible]6	1	0	0	0	1	0	0.110	0
59	56	4.59	3.32	2.6	36.09	31.82	0	0	517	1	1	0	0	1	0	0.110	0
60	57	4.68	3.26	2.6	36.81	31.72	0	0	507	1	1	0	0	1	0	0.110	0
61	58	4.76	3.28	2.6	36.17	31.44	0	0	502	1	1	0	0	1	0	0.110	0
62	59	4.84	3.38	2.6	35.24	30.21	0	0	525	1	0	0	0	1	0	0.110	0
63	60	4.92	3.57	2.6	33.95	29.36	0	0	581	1	0	0	0	1	0	0.110	0
64	61	5	3.79	2.7	32.66	28.17	0	0	657	1	0	0	0	1	0	0.110	0
65	62	5.09	4.16	2.7	30.93	26.96	0	0	814	1	0	0	0	1	0	0.110	0
66	63	5.17	4.59	2.8	28.8	25	0	0	1019	1	0	0	0	1	0	0.110	0
67	64	5.25	4.87	2.8	27.22	22.82	0	0	1150	1	0	0	0	1	0	0.110	0
68	65	5.33	4.62	2.8	27.98	23.01	0	0	991	1	0	0	0	1	0	0.110	0
69	66	5.41	3.93	2.7	32.37	26.98	0	0	727	1	0	0	0	1	0	0.110	0
70	67	5.5	3.41	2.6	38.17	34.03	0	0	608	1	1	0	0	1	0	0.110	0
71	68	5.58	3.15	2.5	41.97	37.78	0	0	559	1	1	0	0	1	0	0.110	0
72	69	5.66	3.12	2.5	42.66	36.65	0	0	558	1	1	0	0	1	0	0.110	0
73	70	5.74	3.25	2.5	40.83	35.79	0	0	585	1	1	0	0	1	0	0.110	0
74	71	5.82	3.44	2.6	38.77	33.1	0	0	638	1	1	0	0	1	0	0.110	0
75	72	5.91	3.58	2.6	36.81	31.37	0	0	664	1	0	0	0	1	0	0.110	0
76	73	5.99	3.42	2.6	35.74	30.74	0	0	555	1	0	0	0	1	0	0.110	0
77	74	6.07	3.03	2.6	34.8	30.3	0	0	382	1	1	0	0	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.51	2.5	33.54	28.95	0	0	228	1	1	1	0	1	0	0.110	0
79	76	6.23	2.42	2.6	31.04	27.57	0	0	186	1	1	1	0	1	0	0.110	0
80	77	6.32	2.57	2.6	29.42	24.04	0	0	194	1	1	1	0	1	0	0.110	0
81	78	6.4	2.97	2.6	28.66	24.87	0	0	263	1	0	1	0	1	0	0.110	0
82	79	6.48	2.9	2.6	31.99	25.63	0	0	298	1	1	1	0	1	0	0.110	0
83	80	6.56	2.75	2.5	37.52	32.39	0	0	336	1	1	1	0	1	0	0.110	0
84	81	6.64	2.67	2.5	43.41	38.66	0	0	387	1	1	1	0	1	0	0.110	0
85	82	6.73	2.88	2.5	45.13	39.89	0	0	490	1	1	1	0	1	0	0.110	0
86	83	6.81	3.19	2.5	43.37	36.33	0	0	606	1	1	0	0	1	0	0.110	0
87	84	6.89	3.67	2.6	38.43	33.93	0	0	764	1	0	0	0	1	0	0.110	0
88	85	6.97	4.1	2.7	33.64	27.9	0	0	889	1	0	0	0	1	0	0.110	0
89	86	7.05	4.51	2.8	28.69	24.57	0	0	949	1	0	0	0	1	0	0.110	0
90	87	7.14	4.25	2.8	27.51	21.9	0	0	713	1	0	0	0	1	0	0.110	0
91	88	7.22	3.85	2.7	26.85	24.67	0	0	491	1	0	0	0	1	0	0.110	0
92	89	7.3	3.38	2.7	27.03	22.65	0	0	335	1	0	0	0	1	0	0.110	0
93	90	7.38	3.2	2.7	26.14	21.97	0	0	270	1	0	0	0	1	0	0.110	0
94	91	7.46	2.96	2.7	26.52	22.23	0	0	226	1	0	1	0	1	0	0.110	0
95	92	7.55	2.86	2.6	27.04	23.15	0	0	215	1	0	1	0	1	0	0.110	0
96	93	7.63	2.88	2.6	27.34	22.76	0	0	223	1	0	1	0	1	0	0.110	0
97	94	7.71	3.03	2.7	26.89	22.49	0	0	256	1	0	0	0	1	0	0.110	0
98	95	7.79	3.11	2.7	26.83	21.7	0	0	263	1	0	0	0	1	0	0.110	0
99	96	7.87	3.09	2.7	27.1	22.21	0	0	263	1	0	0	0	1	0	0.110	0
100	97	7.96	2.95	2.6	28.01	22.74	0	0	248	1	0	1	0	1	0	0.110	0
101	98	8.04	2.82	2.6	29.68	23.36	0	0	245	1	0	1	0	1	0	0.110	0
102	99	8.12	2.76	2.6	31.04	25.59	0	0	251	1	1	1	0	1	0	0.110	0
103	100	8.2	2.72	2.6	31.37	25.46	0	0	247	1	1	1	0	1	0	0.110	0
104	101	8.28	2.79	2.6	29.7	23.8	0	0	239	1	0	1	0	1	0	0.110	0
105	102	8.37	2.99	2.7	27.12	21.62	0	0	242	1	0	1	0	1	0	0.110	0
106	103	8.45	3.15	2.7	25.63	19.44	0	0	249	1	0	0	0	1	0	0.110	0
107	104	8.53	3.12	2.7	25.68	20.14	0	0	244	1	0	0	0	1	0	0.110	0
108	105	8.61	2.99	2.7	26.55	21.3	0	0	232	1	0	1	0	1	0	0.110	0
109	106	8.69	2.93	2.7	26.93	21.01	0	0	226	1	0	1	0	1	0	0.110	0
110	107	8.78	2.99	2.7	26.39	21.27	0	0	230	1	0	1	0	1	0	0.110	0
111	108	8.86	3.01	2.7	25.46	20.14	0	0	218	1	0	0	0	1	0	0.110	0
112	109	8.94	3.03	2.7	24.6	19.01	0	0	207	1	0	0	0	1	0	0.110	0
113	110	9.02	2.89	2.7	24.47	19.4	0	0	181	1	0	1	0	1	0	0.110	0
114	111	9.1	2.62	2.6	25.38	20.12	0	0	154	1	0	1	0	1	0	0.110	0
115	112	9.19	2.37	2.6	26.14	21.69	0	0	131	1	0	1	0	1	0	0.110	0
116	113	9.27	2.22	2.6	26.31	21.83	0	0	116	1	1	1	0	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.11	2.6	25.81	20.94	0	0	101	1	1	1	0	1	0	0.110	0
118	115	9.43	1.91	2.6	25.51	20.75	0	0	82	1	1	1	0	1	0	0.110	0
119	116	9.51	1.85	2.5	25.62	21.53	0	0	79	1	1	1	1	1	0	0.110	0
120	117	9.6	1.93	2.6	26.14	21.43	0	0	88	1	1	1	0	1	0	0.110	0
121	118	9.68	2.24	2.6	26.04	21.96	0	0	116	1	1	1	0	1	0	0.110	0
122	119	9.76	2.58	2.6	25.79	20.76	0	0	154	1	0	1	0	1	0	0.110	0
123	120	9.84	2.81	2.7	26.16	20.32	0	0	193	1	0	1	0	1	0	0.110	0
124	121	9.92	2.79	2.6	27.25	22.63	0	0	205	1	0	1	0	1	0	0.110	0
125	122	10.01	2.75	2.6	27.52	23.78	0	0	201	1	0	1	0	1	0	0.110	0
126	123	10.09	2.79	2.6	26.58	21.45	0	0	196	1	0	1	0	1	0	0.110	0
127	124	10.17	3.1	2.7	23.88	20.63	0	0	207	1	0	0	0	1	0	0.110	0
128	125	10.25	3.32	2.8	21.91	16.81	0	0	206	1	0	0	0	1	0	0.110	0
129	126	10.33	3.4	2.8	20.15	16.46	0	0	180	1	0	0	0	1	0	0.110	0
130	127	10.42	3.15	2.8	19.59	16.33	0	0	135	1	0	0	0	1	0	0.110	0
131	128	10.5	2.83	2.8	19.44	15.75	0	0	100	1	0	1	0	1	0	0.110	0
132	129	10.58	2.48	2.7	20.04	16.41	0	0	80	1	0	1	1	1	0	0.110	0
133	130	10.66	2.25	2.7	21.16	18.18	0	0	75	1	0	1	1	1	0	0.110	0
134	131	10.74	2.13	2.6	22.3	18.82	0	0	76	1	0	1	1	1	0	0.110	0
135	132	10.83	2.22	2.6	22.83	19.48	0	0	87	1	0	1	0	1	0	0.110	0
136	133	10.91	2.41	2.7	22.99	19.51	0	0	114	1	0	1	0	1	0	0.110	0
137	134	10.99	2.69	2.7	22.13	19.18	0	0	123	1	0	1	0	1	0	0.110	0
138	135	11.07	2.95	2.8	20.23	17.25	0	0	123	1	0	1	0	1	0	0.110	0
139	136	11.15	3.1	2.8	17.87	14.64	0	0	98	1	0	0	0	1	0	0.110	0
140	137	11.24	3.03	2.8	15.95	13.23	0	0	59	1	0	0	1	1	0	0.110	0
141	138	11.32	2.65	2.8	14.99	12.54	0	0	31	1	0	1	1	1	0	0.110	0
142	139	11.4	2.16	2.8	14.38	12.49	0	0	15	1	0	1	1	1	0	0.110	0
143	140	11.48	1.72	2.7	13.98	11.99	0	0	8	1	0	1	1	1	0	0.110	0
144	141	11.56	1.58	2.8	13.13	11.82	0	0	3	1	0	1	1	1	0	0.110	0
145	142	11.65	1.52	2.8	12.67	10.35	0	0	1	1	0	1	1	1	0	0.110	0
146	143	11.73	1.46	2.7	12.56	10.79	0	0	0	1	0	1	1	1	0	0.110	0
147	144	11.81	1.39	2.7	13.31	11.56	0	0	3	1	0	1	1	1	0	0.110	0
148	145	11.89	1.55	2.7	14.24	12.38	0	0	8	1	0	1	1	1	0	0.110	0
149	146	11.97	1.81	2.7	14.99	13.06	0	0	14	1	0	1	1	1	0	0.110	0
150	147	12.06	2.06	2.8	15.34	13.3	0	0	21	1	0	1	1	1	0	0.110	0
151	148	12.14	2.22	2.8	15.36	13.16	0	0	24	1	0	1	1	1	0	0.110	0
152	149	12.22	2.45	2.8	15.58	13.16	0	0	32	1	0	1	1	1	0	0.110	0
153	150	12.3	2.6	2.8	16.07	13.92	0	0	42	1	0	1	1	1	0	0.110	0
154	151	12.38	2.76	2.8	16.63	14.42	0	0	56	1	0	1	1	1	0	0.110	0
155	152	12.47	2.7	2.8	16.71	14.56	0	0	54	1	0	1	1	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.52	2.8	16.62	14.32	0	0	45	1	0	1	1	1	0	0.110	0
157	154	12.63	2.1	2.7	16.76	14.52	0	0	32	1	0	1	1	1	0	0.110	0
158	155	12.71	1.81	2.7	16.88	15.42	0	0	25	1	0	1	1	1	0	0.110	0
159	156	12.8	1.72	2.7	16.52	14.97	0	0	21	1	0	1	1	1	0	0.110	0
160	157	12.88	1.89	2.7	15.66	13.88	0	0	20	1	0	1	1	1	0	0.110	0
161	158	12.96	2.1	2.8	14.75	13.07	0	0	17	1	0	1	1	1	0	0.110	0
162	159	13.04	2.26	2.8	14.24	12.47	0	0	15	1	0	1	1	1	0	0.110	0
163	160	13.12	2.3	2.8	14.04	12.32	0	0	14	1	0	1	1	1	0	0.110	0
164	161	13.21	2.23	2.8	13.97	12.43	0	0	12	1	0	1	1	1	0	0.110	0
165	162	13.29	2.14	2.8	13.79	12.34	0	0	10	1	0	1	1	1	0	0.110	0
166	163	13.37	2.14	2.8	13.49	11.89	0	0	8	1	0	1	1	1	0	0.110	0
167	164	13.45	2.29	2.8	13.03	11.7	0	0	5	1	0	1	1	1	0	0.110	0
168	165	13.53	2.41	2.9	12.53	11.17	0	0	0	1	0	1	1	1	0	0.110	0
169	166	13.62	2.58	2.9	12.2	10.65	0	0	-3	1	0	1	1	1	0	0.110	0
170	167	13.7	2.68	2.9	12.71	10.9	0	0	3	1	0	1	1	1	0	0.110	0
171	168	13.78	2.65	2.9	13.46	12.6	0	0	12	1	0	1	1	1	0	0.110	0
172	169	13.86	2.48	2.8	13.46	12.85	0	0	10	1	0	1	1	1	0	0.110	0
173	170	13.94	2.37	2.9	12.28	11.36	0	0	2	1	0	1	1	1	0	0.110	0
174	171	14.03	2.42	2.9	10.8	9.93	0	0	17	1	0	1	1	1	0	0.110	0
175	172	14.11	2.51	3.0	9.95	9.13	0	0	-9	1	0	1	1	1	0	0.110	0
176	173	14.19	2.53	3.0	10.04	9.13	0	0	-27	1	0	1	1	1	0	0.110	0
177	174	14.27	2.42	2.9	11.02	10.01	0	0	15	1	0	1	1	1	0	0.110	0
178	175	14.35	2.31	2.9	12.76	11.61	0	0	2	1	0	1	1	1	0	0.110	0
179	176	14.44	2.24	2.8	16.08	13.82	0	0	31	1	0	1	1	1	0	0.110	0
180	177	14.52	2.41	2.7	20.22	19.18	0	0	77	1	0	1	1	1	0	0.110	0
181	178	14.6	2.62	2.7	23.87	23.13	0	0	136	1	0	1	0	1	0	0.110	0
182	179	14.68	2.93	2.7	25.28	24.29	0	0	201	1	0	1	0	1	0	0.110	0
183	180	14.76	3.22	2.7	25.18	23.45	0	0	255	1	0	0	0	1	0	0.110	0
184	181	14.85	3.46	2.7	24.7	23.12	0	0	301	1	0	0	0	1	0	0.110	0
185	182	14.93	3.43	2.7	24.93	23	0	0	299	1	0	0	0	1	0	0.110	0
186	183	15.01	3.15	2.7	25.75	24.19	0	0	251	1	0	0	0	1	0	0.110	0
187	184	15.09	2.73	2.6	27.97	25.69	0	0	204	1	0	1	0	1	0	0.110	0
188	185	15.17	2.42	2.6	30.83	29.65	0.03	0.4	184	1	1	1	0	1	0	0.110	0
189	186	15.26	2.35	2.5	33.12	32.69	0.03	0.37	194	1	1	1	0	1	0	0.080	0
190	187	15.34	2.6	2.6	31.27	32.45	0.03	0.37	221	1	1	1	0	1	0	0.050	0
191	188	15.42	3.07	2.7	26.27	24.46	0	0	244	1	0	0	0	1	0	0.020	0
192	189	15.5	3.67	2.8	20.73	18.52	0	0	243	1	0	0	0	1	0	0.020	0
193	190	15.58	3.94	2.9	17.7	16.83	0	0	192	1	0	0	0	1	0	0.020	0
194	191	15.67	3.87	2.9	16.67	15.95	0	0	145	1	0	0	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	3.74	2.9	16.29	15.56	0	0	118	1	0	0	0	1	0	0.020	0
196	193	15.83	3.58	2.9	16.39	15.62	0	0	106	1	0	0	0	1	0	0.020	0
197	194	15.91	3.44	2.9	16.55	16.06	0	0	98	1	0	0	0	1	0	0.020	0
198	195	15.99	3.28	2.8	16.73	15.98	0	0	90	1	0	0	0	1	0	0.020	0
199	196	16.08	3.28	2.8	16.64	16.16	0	0	88	1	0	0	0	1	0	0.020	0
200	197	16.16	3.27	2.8	16.62	15.9	0	0	87	1	0	0	0	1	0	0.020	0
201	198	16.24	3.45	2.9	16.47	16.01	0	0	97	1	0	0	0	1	0	0.020	0
202	199	16.32	3.53	2.9	16.28	15.78	0	0	99	1	0	0	0	1	0	0.020	0
203	200	16.4	3.63	2.9	15.87	15.4	0	0	96	1	0	0	0	1	0	0.020	0
204	201	16.49	3.57	2.9	15.49	14.94	0	0	81	1	0	0	0	1	0	0.020	0
205	202	16.57	3.48	2.9	15.06	14.83	0	0	64	1	0	0	1	1	0	0.020	0
206	203	16.65	3.41	2.9	14.82	14.26	0	0	55	1	0	0	1	1	0	0.020	0
207	204	16.73	3.4	2.9	14.84	14.37	0	0	55	1	0	0	1	1	0	0.020	0
208	205	16.81	3.38	2.9	15.2	14.89	0	0	62	1	0	0	1	1	0	0.020	0
209	206	16.9	3.34	2.9	15.72	15.35	0	0	72	1	0	0	1	1	0	0.020	0
210	207	16.98	3.33	2.9	16.06	15.91	0	0	79	1	0	0	1	1	0	0.020	0
211	208	17.06	3.42	2.9	16.19	16.03	0	0	88	1	0	0	0	1	0	0.020	0
212	209	17.14	3.59	2.9	16.08	15.87	0	0	99	1	0	0	0	1	0	0.020	0
213	210	17.22	3.69	2.9	16.12	15.72	0	0	08	1	0	0	0	1	0	0.020	0
214	211	17.31	3.73	2.9	16.35	16.23	0	0	19	1	0	0	0	1	0	0.020	0
215	212	17.39	3.74	2.9	16.66	16.59	0	0	130	1	0	0	0	1	0	0.020	0
216	213	17.47	3.75	2.9	16.71	16.71	0	0	133	1	0	0	0	1	0	0.020	0
217	214	17.55	3.75	2.9	16.55	16.51	0	0	128	1	0	0	0	1	0	0.020	0
218	215	17.63	3.76	2.9	16.28	16.25	0	0	120	1	0	0	0	1	0	0.020	0
219	216	17.72	3.72	2.9	16.22	16.04	0	0	114	1	0	0	0	1	0	0.020	0
220	217	17.8	3.68	2.9	16.38	16.41	0	0	115	1	0	0	0	1	0	0.020	0
221	218	17.88	3.68	2.9	16.63	16.76	0	0	123	1	0	0	0	1	0	0.020	0
222	219	17.96	3.8	2.9	16.64	16.88	0	0	136	1	0	0	0	1	0	0.020	0
223	220	18.04	4.08	2.9	16.38	16.53	0	0	161	1	0	0	0	1	0	0.020	0
224	221	18.13	4.39	2.9	15.87	16.14	0	0	179	1	0	0	0	1	0	0.020	0
225	222	18.21	4.63	3.0	15.12	15.58	0	0	169	1	0	0	0	1	0	0.020	0
226	223	18.29	4.66	3.0	14.24	14.51	0	0	115	1	0	0	0	1	0	0.020	0
227	224	18.37	4.58	3.0	13.4	13.71	0	0	56	1	0	0	1	1	0	0.020	0
228	225	18.45	4.5	3.0	12.72	13.23	0	0	13	1	0	0	1	1	0	0.020	0
229	226	18.54	4.32	3.0	12.25	12.6	0	0	-13	1	0	0	1	1	0	0.020	0
230	227	18.62	4.07	3.0	12	12.38	0	0	-21	1	0	0	1	1	0	0.020	0
231	228	18.7	3.81	3.0	12.21	12.52	0	0	-10	1	0	0	1	1	0	0.020	0
232	229	18.78	3.7	3.0	12.55	13.23	0	0	2	1	0	0	1	1	0	0.020	0
233	230	18.86	3.7	3.0	12.98	13.37	0	0	15	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.77	3.0	13.22	13.8	0	0	23	1	0	0	1	1	0	0.020	0
235	232	19.03	3.87	3.0	13.39	13.99	0	0	31	1	0	0	1	1	0	0.020	0
236	233	19.11	3.79	3.0	13.53	14	0	0	34	1	0	0	1	1	0	0.020	0
237	234	19.19	3.49	2.9	13.78	14.37	0	0	32	1	0	0	1	1	0	0.020	0
238	235	19.27	3.01	2.9	14.15	14.85	0	0	28	1	0	0	1	1	0	0.020	0
239	236	19.36	2.78	2.9	14.37	15.14	0	0	26	1	0	1	1	1	0	0.020	0
240	237	19.44	2.78	2.9	14.49	15.08	0	0	27	1	0	1	1	1	0	0.020	0
241	238	19.52	2.94	2.9	14.45	15.19	0	0	31	1	0	1	1	1	0	0.020	0
242	239	19.6	3.12	2.9	14.26	15.02	0	0	33	1	0	0	1	1	0	0.020	0
243	240	19.68	3.24	2.9	14	14.52	0	0	31	1	0	0	1	1	0	0.020	0
244	241	19.77	3.4	2.9	13.83	14.48	0	0	31	1	0	0	1	1	0	0.020	0
245	242	19.85	3.48	2.9	13.89	14.52	0	0	35	1	0	0	1	1	0	0.020	0
246	243	19.93	3.51	2.9	13.97	14.73	0	0	38	1	0	0	1	1	0	0.020	0
247	244	20.01	3.47	2.9	14.05	14.76	0	0	39	1	0	0	1	1	0	0.020	0
248	245	20.09	3.47	2.9	14.04	14.88	0	0	38	1	0	0	1	1	0	0.020	0
249	246	20.18	3.47	2.9	14.11	14.84	0	0	40	1	0	0	1	1	0	0.020	0
250	247	20.26	3.4	2.9	14.44	15.06	0	0	46	1	0	0	1	1	0	0.020	0
251	248	20.34	3.25	2.9	15.26	15.92	0	0	57	1	0	0	1	1	0	0.020	0
252	249	20.42	3.24	2.9	16.16	17.42	0	0	75	1	0	0	1	1	0	0.020	0
253	250	20.5	3.34	2.8	16.94	17.91	0	0	99	1	0	0	0	1	0	0.020	0
254	251	20.59	3.44	2.8	17.7	18.55	0	0	126	1	0	0	0	1	0	0.020	0
255	252	20.67	3.31	2.8	19.36	19.97	0	0	149	1	0	0	0	1	0	0.020	0
256	253	20.75	3.11	2.7	21.65	23.26	0	0	168	1	0	0	0	1	0	0.020	0
257	254	20.83	2.95	2.7	24.14	25.88	0	0	186	1	0	1	0	1	0	0.020	0
258	255	20.92	3.06	2.7	25.85	28.13	0	0	234	1	0	0	0	1	0	0.020	0
259	256	21	3.29	2.7	26.56	29.11	0	0	301	1	0	0	0	1	0	0.020	0
260	257	21.08	3.67	2.7	25.88	28.61	0	0	394	1	0	0	0	1	0	0.020	0
261	258	21.16	4.15	2.8	23.64	26.34	0	0	488	1	0	0	0	1	0	0.020	0
262	259	21.24	4.87	2.9	19.95	22.42	0	0	582	1	0	0	0	1	0	0.020	0
263	260	21.33	5.75	3.0	16.32	17.32	0	0	589	1	0	0	0	1	0	0.020	0
264	261	21.41	6.34	3.1	13.81	14.9	0	0	314	1	0	0	0	1	0	0.020	0
265	262	21.49	6.02	3.1	13.06	14.52	0	0	106	1	0	0	0	1	0	0.020	0
266	263	21.57	5.33	3.1	12.69	14.94	0	0	21	1	0	0	1	1	0	0.020	0
267	264	21.65	4.68	3.1	11.87	13.76	0	0	-42	1	0	0	1	1	0	0.020	0
268	265	21.74	4.33	3.1	10.63	11.97	0	0	-95	1	0	0	1	1	0	0.020	0
269	266	21.82	4.05	3.1	9.58	10.98	0	0	-118	1	0	0	1	1	0	0.020	0
270	267	21.9	3.63	3.1	8.95	10.43	0	0	-101	1	0	0	1	1	0	0.020	0
271	268	21.98	3.29	3.1	8.26	9.91	0	0	-91	1	0	0	1	1	0	0.020	0
272	269	22.06	3.08	3.1	7.7	8.76	0	0	-86	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.19	3.1	7.34	8.57	0	0	-101	1	0	0	1	1	0	0.020	0
274	271	22.23	3.28	3.1	7.37	8.71	0	0	-109	1	0	0	1	1	0	0.020	0
275	272	22.31	3.32	3.1	7.61	8.81	0	0	-107	1	0	0	1	1	0	0.020	0
276	273	22.39	3.08	3.1	8.06	9.28	0	0	-79	1	0	0	1	1	0	0.020	0
277	274	22.47	2.76	3.0	8.62	10.09	0	0	-53	1	0	1	1	1	0	0.020	0
278	275	22.56	2.54	3.0	8.6	10.58	0	0	-43	1	0	1	1	1	0	0.020	0
279	276	22.64	2.62	3.0	8.02	9.29	0	0	-54	1	0	1	1	1	0	0.020	0
280	277	22.72	2.9	3.1	7.26	8.37	0	0	-80	1	0	1	1	1	0	0.020	0
281	278	22.8	3	3.1	6.89	8.29	0	0	-94	1	0	0	1	1	0	0.020	0
282	279	22.88	2.82	3.1	6.9	8.12	0	0	-80	1	0	1	1	1	0	0.020	0
283	280	22.97	2.52	3.1	6.94	8.35	0	0	-61	1	0	1	1	1	0	0.020	0
284	281	23.05	2.34	3.1	6.94	8.33	0	0	-52	1	0	1	1	1	0	0.020	0
285	282	23.13	2.38	3.1	6.83	8.09	0	0	-55	1	0	1	1	1	0	0.020	0
286	283	23.21	2.57	3.1	6.72	7.95	0	0	-66	1	0	1	1	1	0	0.020	0
287	284	23.29	2.83	3.1	6.68	7.95	0	0	-84	1	0	1	1	1	0	0.020	0
288	285	23.38	2.95	3.1	6.72	7.91	0	0	-92	1	0	1	1	1	0	0.020	0
289	286	23.46	2.97	3.1	7.03	8.01	0	0	-89	1	0	1	1	1	0	0.020	0
290	287	23.54	3.07	3.1	7.9	9	0	0	-81	1	0	0	1	1	0	0.020	0
291	288	23.62	3.22	3.1	8.81	10.79	0	0	-74	1	0	0	1	1	0	0.020	0
292	289	23.7	3.51	3.1	9.45	11.13	0	0	-79	1	0	0	1	1	0	0.020	0
293	290	23.79	3.89	3.1	9.98	11.33	0	0	-89	1	0	0	1	1	0	0.020	0
294	291	23.87	4.26	3.1	10.67	12.76	0	0	-88	1	0	0	1	1	0	0.020	0
295	292	23.95	4.42	3.1	11.46	13.6	0	0	-57	1	0	0	1	1	0	0.020	0
296	293	24.03	4.37	3.0	12.11	14.12	0	0	-20	1	0	0	1	1	0	0.020	0
297	294	24.11	4.15	3.0	13.28	15.17	0	0	34	1	0	0	1	1	0	0.020	0
298	295	24.2	3.92	2.9	14.55	17.79	0	0	74	1	0	0	1	1	0	0.020	0
299	296	24.28	3.96	2.9	15.09	18.61	0	0	97	1	0	0	0	1	0	0.020	0
300	297	24.36	4.14	3.0	14.32	17.15	0	0	79	1	0	0	1	1	0	0.020	0
301	298	24.44	4.37	3.0	12.88	15.36	0	0	20	1	0	0	1	1	0	0.020	0
302	299	24.52	4.48	3.1	11.27	13.85	0	0	-70	1	0	0	1	1	0	0.020	0
303	300	24.61	4.72	3.1	9.88	11.78	0	0	-182	1	0	0	1	1	0	0.020	0
304	301	24.69	4.81	3.2	9.11	10.66	0	0	-252	1	0	0	1	1	0	0.020	0
305	302	24.77	3.84	3.0	10.66	11.2	0	0	-62	1	0	0	1	1	0	0.020	0
306	303	24.85	2.77	2.9	13.76	16.99	0	0	17	1	0	1	1	1	0	0.020	0
307	304	24.93	2.31	2.7	17.15	21.23	0	0	42	1	0	1	1	1	0	0.020	0
308	305	25.02	2.36	2.7	18.85	22.33	0	0	60	1	0	1	1	1	0	0.020	0
309	306	25.1	2.5	2.7	19.89	22.85	0	0	80	1	0	1	1	1	0	0.020	0
310	307	25.18	2.48	2.7	21.36	24.89	0	0	94	1	0	1	0	1	0	0.020	0
311	308	25.26	2.35	2.6	23.35	27.24	0	0	102	1	0	1	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.24	2.6	25.12	29.33	0	0	108	1	0	1	0	1	0	0.020	0
313	310	25.43	2.14	2.6	26.67	30.62	0	0	110	1	1	1	0	1	0	0.020	0
314	311	25.51	1.98	2.5	28.21	32.26	0	0	106	1	1	1	0	1	0	0.020	0
315	312	25.59	1.68	2.5	29.79	34.22	0	0	88	1	1	1	0	1	0	0.020	0
316	313	25.67	1.27	2.4	30.86	35.33	0	0	64	1	1	1	1	1	0	0.020	0
317	314	25.75	0.95	2.3	30.9	34.91	0	0	47	1	1	1	1	1	0	0.020	0
318	315	25.84	0.84	2.3	29.84	33.57	0	0	40	1	1	1	1	1	0	0.020	0
319	316	25.92	0.97	2.4	28.02	31.66	0	0	41	1	1	1	1	1	0	0.020	0
320	317	26	1.25	2.4	25.84	29.49	0	0	46	1	1	1	1	1	0	0.020	0
321	318	26.08	1.67	2.5	23.59	27.27	0	0	56	1	1	1	1	1	0	0.020	0
322	319	26.16	2.28	2.7	21.12	25.14	0	0	76	1	0	1	1	1	0	0.020	0
323	320	26.25	3.06	2.8	18.59	22.21	0	0	107	1	0	0	0	1	0	0.020	0
324	321	26.33	3.92	2.9	16.68	19.57	0	0	152	1	0	0	0	1	0	0.020	0
325	322	26.41	4.52	3.0	15.69	18.95	0	0	189	1	0	0	0	1	0	0.020	0
326	323	26.49	4.55	3.0	15.73	18.8	0	0	196	1	0	0	0	1	0	0.020	0
327	324	26.57	4.15	2.9	16.13	19.71	0	0	159	1	0	0	0	1	0	0.020	0
328	325	26.66	3.77	2.9	16.06	20.36	0	0	114	1	0	0	0	1	0	0.020	0
329	326	26.74	3.81	2.9	14.64	18.64	0	0	71	1	0	0	1	1	0	0.020	0
330	327	26.82	4.25	3.0	12.27	14.82	0	0	11	1	0	0	1	1	0	0.020	0
331	328	26.9	4.97	3.1	9.8	12.2	0	0	-2.9	1	0	0	1	1	0	0.020	0
332	329	26.98	4.66	3.1	9.16	10.07	0	0	-22	1	0	0	1	1	0	0.020	0
333	330	27.07	3.35	3.0	11.63	12.55	0	0	20	1	0	0	1	1	0	0.020	0
334	331	27.15	2.45	2.8	15.79	20.77	0	0	34	1	0	1	1	1	0	0.020	0
335	332	27.23	2.27	2.7	18.95	24.29	0	0	57	1	0	1	1	1	0	0.020	0
336	333	27.31	2.56	2.7	18.48	23	0	0	68	1	0	1	1	1	0	0.020	0
337	334	27.39	3.15	2.9	15.93	19.6	0	0	65	1	0	0	1	1	0	0.020	0
338	335	27.48	3.71	2.9	13.77	16.18	0	0	39	1	0	0	1	1	0	0.020	0
339	336	27.56	3.61	2.9	13.88	15.48	0	0	39	1	0	0	1	1	0	0.020	0
340	337	27.64	2.59	2.8	18.16	19.98	0	0	66	1	0	1	1	1	0	0.020	0
341	338	27.72	1.88	2.6	24.15	30.65	0	0	72	1	1	1	1	1	0	0.020	0
342	339	27.8	1.52	2.5	28.88	34.66	0	0	72	1	1	1	1	1	0	0.020	0
343	340	27.89	1.46	2.4	29.66	34.97	0	0	72	1	1	1	1	1	0	0.020	0
344	341	27.97	1.53	2.5	28.34	33.14	0	0	70	1	1	1	1	1	0	0.020	0
345	342	28.05	1.77	2.5	25.92	30.57	0	0	75	1	1	1	1	1	0	0.020	0
346	343	28.13	2.17	2.6	23.23	27.54	0	0	86	1	0	1	0	1	0	0.020	0
347	344	28.21	2.74	2.7	20.39	24.88	0	0	105	1	0	1	0	1	0	0.020	0
348	345	28.3	3.43	2.8	17.59	21.72	0	0	123	1	0	0	0	1	0	0.020	0
349	346	28.38	4.15	2.9	15	18.66	0	0	110	1	0	0	0	1	0	0.020	0
350	347	28.46	4.73	3.0	12.83	15.73	0	0	23	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	5.12	3.1	10.78	14.06	0	0	-163	1	0	0	1	1	0	0.020	0
352	349	28.63	5.31	3.2	9.02	11.46	0	0	-383	1	0	0	1	1	0	0.020	0
353	350	28.71	5.37	3.2	7.54	9.57	0	0	-572	1	0	0	1	1	0	0.020	0
354	351	28.79	4.9	3.3	6.94	8.85	0	0	-445	1	0	0	1	1	0	0.020	0
355	352	28.87	4.61	3.2	6.75	9.37	0	0	-365	1	0	0	1	1	0	0.020	0
356	353	28.95	4.44	3.3	6.5	8.87	0	0	-333	1	0	0	1	1	0	0.020	0
357	354	29.04	4.55	3.3	5.88	7.97	0	0	-401	1	0	0	1	1	0	0.020	0
358	355	29.12	4.44	3.3	5.22	7.22	0	0	-403	1	0	0	1	1	0	0.020	0
359	356	29.2	3.89	3.3	4.83	6.58	0	0	-271	1	0	0	1	1	0	0.020	0
360	357	29.28	3.12	3.3	4.81	6.62	0	0	-142	1	0	0	1	1	0	0.020	0
361	358	29.36	2.72	3.2	4.85	7.08	0	0	-100	1	0	1	1	1	0	0.020	0
362	359	29.45	3.26	3.3	4.94	6.64	0	0	-158	1	0	0	1	1	0	0.020	0
363	360	29.53	4.31	3.3	5.29	6.83	0	0	-360	1	0	0	1	1	0	0.020	0
364	361	29.61	4.82	3.3	6.61	8.27	0	0	-442	1	0	0	1	1	0	0.020	0
365	362	29.69	4.92	3.2	8.24	11.18	0	0	-346	1	0	0	1	1	0	0.020	0
366	363	29.77	4.93	3.1	9.84	12.62	0	0	-218	1	0	0	1	1	0	0.020	0
367	364	29.86	5.18	3.1	10.88	14.15	0	0	-161	1	0	0	1	1	0	0.020	0
368	365	29.94	5.27	3.1	11.67	15.14	0	0	[illegible]	1	0	0	1	1	0	0.020	0
369	366	30.02	5.5	3.1	11.82	15.59	0	0	87	1	0	0	1	1	0	0.020	0
370	367	30.1	5.81	3.1	11.39	14.75	0	0	-1[illegible]9	1	0	0	1	1	0	0.020	0
371	368	30.18	6.53	3.2	10.55	13.67	0	0	-53[illegible]	1	0	0	1	1	0	0.020	0
372	369	30.27	7.02	3.2	10.11	12.62	0	0	[illegible]41	1	0	0	1	1	0	0.020	0
373	370	30.35	6.62	3.2	10.98	13.19	0	0	-448	1	0	0	1	1	0	0.020	0
374	371	30.43	5.29	3.0	13.61	16.81	0	0	120	1	0	0	0	1	0	0.020	0
375	372	30.51	4.06	2.9	16.96	22.16	0	0	182	1	0	0	0	1	0	0.020	0
376	373	30.59	3.19	2.8	20.36	25.35	0	0	154	1	0	0	0	1	0	0.020	0
377	374	30.68	2.6	2.7	22.71	28.59	0	0	120	1	0	1	0	1	0	0.020	0
378	375	30.76	2.23	2.6	23.93	29.7	0	0	97	1	0	1	0	1	0	0.020	0
379	376	30.84	2.01	2.6	23.74	29.05	0.02	0.4	78	1	0	1	1	1	0	0.020	0
380	377	30.92	2.08	2.6	22.47	27.65	0	0	74	1	0	1	1	1	0	0.000	0
381	378	31	2.41	2.7	20.31	25.59	0	0	78	1	0	1	1	1	0	0.000	0
382	379	31.09	3	2.8	17.41	22.2	0	0	82	1	0	0	0	1	0	0.000	0
383	380	31.17	3.8	2.9	14.26	18.34	0	0	58	1	0	0	1	1	0	0.000	0
384	381	31.25	4.76	3.1	11.5	14.36	0	0	-72	1	0	0	1	1	0	0.000	0
385	382	31.33	5.65	3.2	9.49	12.23	0	0	-430	1	0	0	1	1	0	0.000	0
386	383	31.41	6.04	3.2	8.53	11.06	0	0	-762	1	0	0	1	1	0	0.000	0
387	384	31.5	6	3.3	8.09	10.94	0	0	-821	1	0	0	1	1	0	0.000	0
388	385	31.58	5.84	3.3	7.67	10.65	0	0	-798	1	0	0	1	1	0	0.000	0
389	386	31.66	5.75	3.3	7.02	9.6	0	0	-845	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	5.8	3.3	6.2	8.64	0	0	-1009	1	0	0	1	1	0	0.000	0
391	388	31.82	5.6	3.4	5.74	7.73	0	0	-930	1	0	0	1	1	0	0.000	0
392	389	31.91	5.05	3.3	5.77	7.96	0	0	-605	1	0	0	1	1	0	0.000	0
393	390	31.99	4.41	3.3	6.26	8.74	0	0	-338	1	0	0	1	1	0	0.000	0
394	391	32.07	4.3	3.2	6.69	9.48	0	0	-288	1	0	0	1	1	0	0.000	0
395	392	32.15	4.58	3.2	6.9	9.51	0	0	-347	1	0	0	1	1	0	0.000	0
396	393	32.23	4.76	3.3	6.89	9.47	0	0	-402	1	0	0	1	1	0	0.000	0
397	394	32.32	4.71	3.3	6.82	9.45	0	0	-391	1	0	0	1	1	0	0.000	0
398	395	32.4	4.42	3.2	6.73	9.28	0	0	-315	1	0	0	1	1	0	0.000	0
399	396	32.48	4.41	3.2	6.54	9.16	0	0	-322	1	0	0	1	1	0	0.000	0
400	397	32.56	4.63	3.3	6.28	8.79	0	0	-401	1	0	0	1	1	0	0.000	0
401	398	32.64	5.14	3.3	6.01	8.32	0	0	-626	1	0	0	1	1	0	0.000	0
402	399	32.73	5.5	3.3	5.79	8.13	0	0	-855	1	0	0	1	1	0	0.000	0
403	400	32.81	5.64	3.4	5.62	7.99	0	0	-976	1	0	0	1	1	0	0.000	0
404	401	32.89	5.56	3.4	5.47	7.73	0	0	-938	1	0	0	1	1	0	0.000	0
405	402	32.97	5.47	3.4	5.28	7.6	0	0	-900	1	0	0	1	1	0	0.000	0
406	403	33.05	5.4	3.4	5.12	7.31	0	0	-871	1	0	0	1	1	0	0.000	0
407	404	33.14	5.37	3.4	5.03	7.16	0	0	[illegible]	1	0	0	1	1	0	0.000	0
408	405	33.22	5.36	3.4	5.04	7.26	0	0	[illegible]	1	0	0	1	1	0	0.000	0
409	406	33.3	5.42	3.4	5.09	7.35	0	0	[illegible]	1	0	0	1	1	0	0.000	0
410	407	33.38	5.55	3.4	5.12	7.33	0	0	[illegible]	1	0	0	1	1	0	0.000	0
411	408	33.46	5.72	3.4	5.14	7.39	0	0	[illegible]	1	0	0	1	1	0	0.000	0
412	409	33.55	5.92	3.4	5.06	7.41	0	0	-1305	1	0	0	1	1	0	0.000	0
413	410	33.63	6.06	3.4	4.89	7.07	0	0	-1483	1	0	0	1	1	0	0.000	0
414	411	33.71	6.05	3.4	4.65	6.78	0	0	-1518	1	0	0	1	1	0	0.000	0
415	412	33.79	5.84	3.5	4.5	6.58	0	0	-1321	1	0	0	1	1	0	0.000	0
416	413	33.87	5.58	3.4	4.43	6.51	0	0	-1094	1	0	0	1	1	0	0.000	0
417	414	33.96	5.34	3.4	4.41	6.53	0	0	-912	1	0	0	1	1	0	0.000	0
418	415	34.04	5.18	3.4	4.4	6.51	0	0	-807	1	0	0	1	1	0	0.000	0
419	416	34.12	5.04	3.4	4.37	6.45	0	0	-726	1	0	0	1	1	0	0.000	0
420	417	34.2	4.91	3.4	4.31	6.41	0	0	-660	1	0	0	1	1	0	0.000	0
421	418	34.28	4.76	3.4	4.22	6.3	0	0	-593	1	0	0	1	1	0	0.000	0
422	419	34.37	4.58	3.4	4.05	6.12	0	0	-524	1	0	0	1	1	0	0.000	0
423	420	34.45	4.38	3.4	3.88	5.8	0	0	-455	1	0	0	1	1	0	0.000	0
424	421	34.53	4.18	3.4	3.82	5.68	0	0	-390	1	0	0	1	1	0	0.000	0
425	422	34.61	4.03	3.4	3.91	5.85	0	0	-341	1	0	0	1	1	0	0.000	0
426	423	34.69	4.08	3.4	4.12	6.06	0	0	-347	1	0	0	1	1	0	0.000	0
427	424	34.78	4.32	3.4	4.39	6.36	0	0	-408	1	0	0	1	1	0	0.000	0
428	425	34.86	4.66	3.4	4.65	6.75	0	0	-519	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.99	3.4	4.89	6.94	0	0	-653	1	0	0	1	1	0	0.000	0
430	427	35.02	5.28	3.4	5	7.2	0	0	-807	1	0	0	1	1	0	0.000	0
431	428	35.1	5.6	3.4	5.03	7.2	0	0	-1028	1	0	0	1	1	0	0.000	0
432	429	35.19	5.84	3.4	5	7.11	0	0	-1239	1	0	0	1	1	0	0.000	0
433	430	35.27	5.99	3.4	4.96	7.17	0	0	-1394	1	0	0	1	1	0	0.000	0
434	431	35.35	6.06	3.4	4.94	7.13	0	0	-1473	1	0	0	1	1	0	0.000	0
435	432	35.43	6.08	3.4	4.93	7.04	0	0	-1497	1	0	0	1	1	0	0.000	0
436	433	35.51	5.91	3.4	4.93	7.14	0	0	-1318	1	0	0	1	1	0	0.000	0
437	434	35.6	5.5	3.4	4.95	7.15	0	0	-963	1	0	0	1	1	0	0.000	0
438	435	35.68	4.96	3.4	4.9	7.1	0	0	-637	1	0	0	1	1	0	0.000	0
439	436	35.76	4.66	3.4	4.82	7	0	0	-508	1	0	0	1	1	0	0.000	0
440	437	35.84	4.58	3.4	4.69	6.89	0	0	-484	1	0	0	1	1	0	0.000	0
441	438	35.92	4.66	3.4	4.54	6.58	0	0	-526	1	0	0	1	1	0	0.000	0
442	439	36.01	4.68	3.4	4.39	6.39	0	0	-545	1	0	0	1	1	0	0.000	0
443	440	36.09	4.46	3.4	4.27	6.23	0	0	-464	1	0	0	1	1	0	0.000	0
444	441	36.17	4.36	3.4	4.18	6.1	0	0	-432	1	0	0	1	1	0	0.000	0
445	442	36.25	4.32	3.4	4.08	5.96	0	0	-424	1	0	0	1	1	0	0.000	0
446	443	36.33	4.47	3.4	4.02	5.82	0	0	-431	1	0	0	1	1	0	0.000	0
447	444	36.42	4.6	3.4	4.01	5.82	0	0	-435	1	0	0	1	1	0	0.000	0
448	445	36.5	4.72	3.4	4.04	5.84	0	0	-547	1	0	0	1	1	0	0.000	0
449	446	36.58	4.9	3.4	4.06	5.96	0	0	-675	1	0	0	1	1	0	0.000	0
450	447	36.66	5.04	3.4	4.09	5.93	0	0	-751	1	0	0	1	1	0	0.000	0
451	448	36.74	5.22	3.5	4.07	5.98	0	0	-866	1	0	0	1	1	0	0.000	0
452	449	36.83	5.41	3.5	4.05	5.94	0	0	-1005	1	0	0	1	1	0	0.000	0
453	450	36.91	5.63	3.5	4.01	5.91	0	0	-1196	1	0	0	1	1	0	0.000	0
454	451	36.99	5.73	3.5	4	5.92	0	0	-1292	1	0	0	1	1	0	0.000	0
455	452	37.07	5.55	3.5	4.02	5.98	0	0	-1123	1	0	0	1	1	0	0.000	0
456	453	37.16	5.12	3.5	4	6.02	0	0	-808	1	0	0	1	1	0	0.000	0
457	454	37.24	4.77	3.4	3.96	5.84	0	0	-616	1	0	0	1	1	0	0.000	0
458	455	37.32	4.86	3.5	3.92	5.8	0	0	-665	1	0	0	1	1	0	0.000	0
459	456	37.4	5.31	3.4	4.45	5.8	0	0	-887	1	0	0	1	1	0	0.000	0
460	457	37.48	5.05	3.3	6.08	7.63	0	0	-578	1	0	0	1	1	0	0.000	0
461	458	37.57	4.8	3.2	8.25	11.62	0	0	-314	1	0	0	1	1	0	0.000	0
462	459	37.65	4.5	3.1	10.63	14.13	0	0	-109	1	0	0	1	1	0	0.000	0
463	460	37.73	4.33	3.0	12.87	17.11	0	0	19	1	0	0	1	1	0	0.000	0
464	461	37.81	4.04	2.9	15.49	20.82	0	0	120	1	0	0	0	1	0	0.000	0
465	462	37.89	3.85	2.9	17.68	24.47	0	0	177	1	0	0	0	1	0	0.000	0
466	463	37.98	3.88	2.9	18.71	25.67	0	0	218	1	0	0	0	1	0	0.000	0
467	464	38.06	4.16	2.9	18.11	24.91	0	0	248	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	4.68	3.0	16.15	22.21	0	0	245	1	0	0	0	1	0	0.000	0
469	466	38.22	5.34	3.0	13.52	18.15	0	0	115	1	0	0	0	1	0	0.000	0
470	467	38.3	6.2	3.2	10.66	14.81	0	0	-398	1	0	0	1	1	0	0.000	0
471	468	38.39	6.52	3.3	8.36	11.22	0	0	-1134	1	0	0	1	1	0	0.000	0
472	469	38.47	6.19	3.3	6.52	9.3	0	0	-1284	1	0	0	1	1	0	0.000	0
473	470	38.55	4.93	3.3	5.33	7.71	0	0	-587	1	0	0	1	1	0	0.000	0
474	471	38.63	3.83	3.3	4.52	6.6	0	0	-269	1	0	0	1	1	0	0.000	0
475	472	38.71	3.26	3.4	4.02	6.1	0	0	-177	1	0	0	1	1	0	0.000	0
476	473	38.8	2.9	3.3	3.83	5.71	0	0	-133	1	0	1	1	1	0	0.000	0
477	474	38.88	2.81	3.3	3.82	5.66	0	0	-123	1	0	1	1	1	0	0.000	0
478	475	38.96	2.83	3.3	4.03	5.84	0	0	-122	1	0	1	1	1	0	0.000	0
479	476	39.04	3.07	3.3	4.34	6.25	0	0	-145	1	0	0	1	1	0	0.000	0
480	477	39.12	3.43	3.3	4.55	6.53	0	0	-191	1	0	0	1	1	0	0.000	0
481	478	39.21	3.85	3.3	4.62	6.5	0	0	-270	1	0	0	1	1	0	0.000	0
482	479	39.29	4.21	3.4	4.57	6.45	0	0	-365	1	0	0	1	1	0	0.000	0
483	480	39.37	4.44	3.4	4.52	6.42	0	0	-442	1	0	0	1	1	0	0.000	0
484	481	39.45	4.5	3.4	4.46	6.34	0	0	-468	1	0	0	1	1	0	0.000	0
485	482	39.53	4.5	3.4	4.39	6.31	0	0	-472	1	0	0	1	1	0	0.000	0
486	483	39.62	4.54	3.4	4.29	6.24	0	0	-493	1	0	0	1	1	0	0.000	0
487	484	39.7	4.67	3.4	4.17	6.11	0	0	-5[illegible]	1	0	0	1	1	0	0.000	0
488	485	39.78	4.76	3.4	4.06	5.94	0	0	-604	1	0	0	1	1	0	0.000	0
489	486	39.86	4.7	3.4	3.97	5.86	0	0	-582	1	0	0	1	1	0	0.000	0
490	487	39.94	4.6	3.4	3.91	5.77	0	0	-541	1	0	0	1	1	0	0.000	0
491	488	40.03	4.57	3.4	3.83	5.72	0	0	-533	1	0	0	1	1	0	0.000	0
492	489	40.11	4.56	3.5	3.76	5.58	0	0	-533	1	0	0	1	1	0	0.000	0
493	490	40.19	4.59	3.5	3.71	5.52	0	0	-550	1	0	0	1	1	0	0.000	0
494	491	40.27	4.59	3.5	3.7	5.52	0	0	-550	1	0	0	1	1	0	0.000	0
495	492	40.35	4.63	3.5	3.72	5.55	0	0	-567	1	0	0	1	1	0	0.000	0
496	493	40.44	4.55	3.5	3.77	5.56	0	0	-529	1	0	0	1	1	0	0.000	0
497	494	40.52	4.47	3.4	3.85	5.71	0	0	-491	1	0	0	1	1	0	0.000	0
498	495	40.6	4.44	3.4	4.02	5.83	0	0	-470	1	0	0	1	1	0	0.000	0
499	496	40.68	4.52	3.4	4.31	6.17	0	0	-484	1	0	0	1	1	0	0.000	0
500	497	40.76	4.65	3.4	4.73	6.75	0	0	-510	1	0	0	1	1	0	0.000	0
501	498	40.85	4.81	3.4	5.14	7.35	0	0	-548	1	0	0	1	1	0	0.000	0
502	499	40.93	5.12	3.4	5.42	7.8	0	0	-673	1	0	0	1	1	0	0.000	0
503	500	41.01	5.48	3.4	5.55	8.01	0	0	-873	1	0	0	1	1	0	0.000	0
504	501	41.09	5.79	3.4	5.55	8.08	0	0	-1105	1	0	0	1	1	0	0.000	0
505	502	41.17	5.83	3.4	5.49	7.94	0	0	-1149	1	0	0	1	1	0	0.000	0
506	503	41.26	5.78	3.4	5.3	7.86	0	0	-1136	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	5.62	3.4	5.09	7.44	0	0	-1036	1	0	0	1	1	0	0.000	0
508	505	41.42	5.42	3.4	4.76	7.21	0	0	-928	1	0	0	1	1	0	0.000	0
509	506	41.5	4.97	3.4	4.45	6.68	0	0	-680	1	0	0	1	1	0	0.000	0
510	507	41.58	4.32	3.4	4.15	6.24	0	0	-420	1	0	0	1	1	0	0.000	0
511	508	41.67	3.65	3.4	3.96	6.05	0	0	-247	1	0	0	1	1	0	0.000	0
512	509	41.75	3.03	3.4	3.86	5.88	0	0	-148	1	0	0	1	1	0	0.000	0
513	510	41.83	2.51	3.3	3.77	5.75	0	0	-95	1	0	1	1	1	0	0.000	0
514	511	41.91	2.04	3.3	3.72	5.57	0	0	-63	1	0	1	1	1	0	0.000	0
515	512	41.99	1.85	3.3	3.67	5.53	0	0	-53	1	0	1	1	1	0	0.000	0
516	513	42.08	1.81	3.3	3.7	5.37	0	0	-51	1	0	1	1	1	0	0.000	0
517	514	42.16	1.78	3.2	3.88	5.51	0	0	-48	1	0	1	1	1	0	0.000	0
518	515	42.24	1.91	3.2	4.34	6.02	0	0	-52	1	0	1	1	1	0	0.000	0
519	516	42.32	2.09	3.2	5.24	6.92	0	0	-54	1	0	1	1	1	0	0.000	0
520	517	42.4	2.48	3.1	6.76	8.81	0	0	-61	1	0	1	1	1	0	0.000	0
521	518	42.49	3.2	3.1	9.08	11.9	0	0	-68	1	0	0	1	1	0	0.000	0
522	519	42.57	4.04	3.0	11.22	15.98	0	0	-51	1	0	0	1	1	0	0.000	0
523	520	42.65	5.3	3.1	11.19	17.41	0	0	-143	1	0	0	1	1	0	0.000	0
524	521	42.73	6.44	3.2	9.7	12.58	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
525	522	42.81	7.7	3.3	7.44	11.1	0	0	-3[illegible]23	1	0	0	1	1	0	0.000	0
526	523	42.9	7.9	3.4	6.11	9.4	0	0	-46[illegible]7	1	0	0	1	1	0	0.000	0
527	524	42.98	7.99	3.5	4.85	7.53	0	0	-595[illegible]	1	0	0	1	1	0	0.000	0
528	525	43.06	7.89	3.6	3.88	6.27	0	0	-[illegible]66	1	0	0	1	1	0	0.000	0
529	526	43.14	7.16	3.6	3.26	5.66	0	0	-4021	1	0	0	1	1	0	0.000	0
530	527	43.22	6.38	3.6	2.92	5.16	0	0	-2367	1	0	0	1	1	0	0.000	0
531	528	43.31	5.35	3.6	2.73	4.95	0	0	-1110	1	0	0	1	1	0	0.000	0
532	529	43.39	4.69	3.6	2.7	4.86	0	0	-664	1	0	0	1	1	0	0.000	0
533	530	43.47	4.36	3.6	2.78	4.93	0	0	-505	1	0	0	1	1	0	0.000	0
534	531	43.55	4.52	3.5	2.99	5.15	0	0	-562	1	0	0	1	1	0	0.000	0
535	532	43.63	4.66	3.5	3.31	5.51	0	0	-608	1	0	0	1	1	0	0.000	0
536	533	43.72	4.84	3.5	3.67	6.04	0	0	-673	1	0	0	1	1	0	0.000	0
537	534	43.8	4.79	3.4	4.09	6.45	0	0	-616	1	0	0	1	1	0	0.000	0
538	535	43.88	4.62	3.4	4.58	7.04	0	0	-507	1	0	0	1	1	0	0.000	0
539	536	43.96	4.28	3.3	5.14	7.84	0	0	-358	1	0	0	1	1	0	0.000	0
540	537	44.04	4.08	3.3	5.6	8.48	0	0	-285	1	0	0	1	1	0	0.000	0
541	538	44.13	3.99	3.3	6.01	8.74	0	0	-249	1	0	0	1	1	0	0.000	0
542	539	44.21	4.17	3.2	6.38	9.31	0	0	-273	1	0	0	1	1	0	0.000	0
543	540	44.29	4.27	3.2	6.84	9.78	0	0	-273	1	0	0	1	1	0	0.000	0
544	541	44.37	4.45	3.2	7.23	10.37	0	0	-294	1	0	0	1	1	0	0.000	0
545	542	44.45	4.65	3.2	7.55	10.78	0	0	-325	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	4.91	3.2	7.82	10.99	0	0	-377	1	0	0	1	1	0	0.000	0
547	544	44.62	5.16	3.2	8.16	11.42	0	0	-425	1	0	0	1	1	0	0.000	0
548	545	44.7	5.41	3.2	8.56	12.09	0	0	-469	1	0	0	1	1	0	0.000	0
549	546	44.78	5.77	3.2	8.84	12.6	0	0	-573	1	0	0	1	1	0	0.000	0
550	547	44.86	6.31	3.2	8.84	12.73	0	0	-859	1	0	0	1	1	0	0.000	0
551	548	44.95	6.9	3.3	8.6	12.38	0	0	-1408	1	0	0	1	1	0	0.000	0
552	549	45.03	7.39	3.3	8.22	12.02	0	0	-2193	1	0	0	1	1	0	0.000	0
553	550	45.11	7.65	3.3	7.8	11.52	0	0	-2891	1	0	0	1	1	0	0.000	0
554	551	45.19	7.76	3.4	7.39	10.92	0	0	-3394	1	0	0	1	1	0	0.000	0
555	552	45.27	7.9	3.4	6.97	10.44	0	0	-4047	1	0	0	1	1	0	0.000	0
556	553	45.36	7.84	3.4	6.69	9.92	0	0	-4079	1	0	0	1	1	0	0.000	0
557	554	45.44	7.45	3.4	6.54	9.76	0	0	-3186	1	0	0	1	1	0	0.000	0
558	555	45.52	6.76	3.4	6.61	9.85	0	0	-1922	1	0	0	1	1	0	0.000	0
559	556	45.6	6.22	3.3	6.84	10.13	0	0	-1242	1	0	0	1	1	0	0.000	0
560	557	45.69	5.92	3.3	7.22	10.63	0	0	-926	1	0	0	1	1	0	0.000	0
561	558	45.77	5.93	3.3	7.45	11.15	0	0	-893	1	0	0	1	1	0	0.000	0
562	559	45.85	6.13	3.3	7.46	10.9	0	0	-1035	1	0	0	1	1	0	0.000	0
563	560	45.93	6.49	3.3	7.14	10.62	0	0	-1[illegible]36	1	0	0	1	1	0	0.000	0
564	561	46.01	6.75	3.3	6.81	10.04	0	0	-1[illegible]43	1	0	0	1	1	0	0.000	0
565	562	46.1	6.93	3.4	6.42	9.71	0	0	-22[illegible]4	1	0	0	1	1	0	0.000	0
566	563	46.18	7.16	3.4	6.12	9.24	0	0	-277[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	7.91	3.4	5.84	8.96	0	0	-[illegible]08	1	0	0	1	1	0	0.000	0
568	565	46.34	8.87	3.5	5.65	8.76	0	0	-9684	1	0	0	1	1	0	0.000	0
569	566	46.42	9.51	3.5	5.51	8.56	0	0	-15052	1	0	0	1	1	0	0.000	0
570	567	46.51	9.61	3.5	5.49	8.62	0	0	-16106	1	0	0	1	1	0	0.000	0
571	568	46.59	9.39	3.5	5.51	8.84	0	0	-13921	1	0	0	1	1	0	0.000	0
572	569	46.67	8.99	3.5	5.6	8.79	0	0	-10564	1	0	0	1	1	0	0.000	0
573	570	46.75	8.16	3.5	5.71	8.98	0	0	-5944	1	0	0	1	1	0	0.000	0
574	571	46.83	7.18	3.4	5.78	9.22	0	0	-2966	1	0	0	1	1	0	0.000	0
575	572	46.92	6.58	3.4	5.73	9.03	0	0	-1938	1	0	0	1	1	0	0.000	0
576	573	47	6.41	3.4	5.62	8.7	0	0	-1738	1	0	0	1	1	0	0.000	0
577	574	47.08	6.26	3.4	5.59	8.7	0	0	-1563	1	0	0	1	1	0	0.000	0
578	575	47.16	5.88	3.4	5.74	8.82	0	0	-1151	1	0	0	1	1	0	0.000	0
579	576	47.24	5.33	3.3	5.94	9.19	0	0	-734	1	0	0	1	1	0	0.000	0
580	577	47.33	5.05	3.3	6.16	9.38	0	0	-570	1	0	0	1	1	0	0.000	0
581	578	47.41	5.02	3.3	6.33	9.56	0	0	-542	1	0	0	1	1	0	0.000	0
582	579	47.49	5.01	3.3	6.56	9.71	0	0	-518	1	0	0	1	1	0	0.000	0
583	580	47.57	4.91	3.3	6.85	10.09	0	0	-455	1	0	0	1	1	0	0.000	0
584	581	47.65	4.78	3.2	7.17	10.55	0	0	-388	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	4.69	3.2	7.4	10.88	0	0	-345	1	0	0	1	1	0	0.000	0
586	583	47.82	4.68	3.2	7.51	10.9	0	0	-335	1	0	0	1	1	0	0.000	0
587	584	47.9	4.56	3.2	7.53	10.89	0	0	-303	1	0	0	1	1	0	0.000	0
588	585	47.98	4.36	3.2	7.51	10.83	0	0	-259	1	0	0	1	1	0	0.000	0
589	586	48.06	4.1	3.2	7.47	10.7	0	0	-212	1	0	0	1	1	0	0.000	0
590	587	48.15	3.86	3.2	7.44	10.64	0	0	-175	1	0	0	1	1	0	0.000	0
591	588	48.23	3.69	3.2	7.47	10.59	0	0	-151	1	0	0	1	1	0	0.000	0
592	589	48.31	3.65	3.1	7.57	10.68	0	0	-143	1	0	0	1	1	0	0.000	0
593	590	48.39	3.66	3.1	7.74	10.92	0	0	-139	1	0	0	1	1	0	0.000	0
594	591	48.47	3.61	3.1	7.94	11.16	0	0	-128	1	0	0	1	1	0	0.000	0
595	592	48.56	3.35	3.1	8.1	11.47	0	0	-99	1	0	0	1	1	0	0.000	0
596	593	48.64	2.89	3.1	8.31	11.61	0	0	-64	1	0	1	1	1	0	0.000	0
597	594	48.72	2.38	3.0	8.4	12.1	0	0	-40	1	0	1	1	1	0	0.000	0
598	595	48.8	2.2	3.0	8.35	12.02	0	0	-34	1	0	1	1	1	0	0.000	0
599	596	48.88	2.37	3.0	7.85	11.52	0	0	-45	1	0	1	1	1	0	0.000	0
600	597	48.97	2.74	3.1	7.33	10.03	0	0	-69	1	0	1	1	1	0	0.000	0
601	598	49.05	3.04	3.1	6.87	9.76	0	0	-97	1	0	0	1	1	0	0.000	0
602	599	49.13	3.2	3.2	6.63	9.55	0	0	-116	1	0	0	1	1	0	0.000	0
603	600	49.21	3.47	3.2	6.35	9.1	0	0	-153	1	0	0	1	1	0	0.000	0
604	601	49.29	3.74	3.2	6.09	8.68	0	0	-200	1	0	0	1	1	0	0.000	0
605	602	49.38	3.88	3.3	5.91	8.56	0	0	-231	1	0	0	1	1	0	0.000	0
606	603	49.46	3.95	3.3	5.8	8.38	0	0	-249	1	0	0	1	1	0	0.000	0
607	604	49.54	3.97	3.3	5.72	8.22	0	0	-256	1	0	0	1	1	0	0.000	0
608	605	49.62	4.04	3.3	5.68	8.22	0	0	-273	1	0	0	1	1	0	0.000	0
609	606	49.7	4.01	3.3	5.68	8.19	0	0	-266	1	0	0	1	1	0	0.000	0
610	607	49.79	3.86	3.3	5.73	8.24	0	0	-234	1	0	0	1	1	0	0.000	0
611	608	49.87	3.71	3.2	5.84	8.49	0	0	-203	1	0	0	1	1	0	0.000	0
612	609	49.95	3.67	3.2	6.04	8.7	0	0	-190	1	0	0	1	1	0	0.000	0
613	610	50.03	3.91	3.2	6.35	9.01	0	0	-221	1	0	0	1	1	0	0.000	0
614	611	50.11	4.55	3.2	7.23	9.61	0	0	-319	1	0	0	1	1	0	0.000	0
615	612	50.2	4.65	3.2	8.94	12.06	0	0	-233	1	0	0	1	1	0	0.000	0
616	613	50.28	4.75	3.1	11.36	15.72	0	0	-81	1	0	0	1	1	0	0.000	0
617	614	50.36	4.82	3.0	14.27	19.71	0	0	133	1	0	0	0	1	0	0.000	0
618	615	50.44	5.18	3.0	16.84	24.35	0	0	432	1	0	0	0	1	0	0.000	0
619	616	50.52	5.69	3.0	18.31	26.92	0	0	856	1	0	0	0	1	0	0.000	0
620	617	50.61	6.18	3.0	18.76	26.53	0	0	1334	1	0	0	0	1	0	0.000	0
621	618	50.69	6.75	3.0	19.51	26.83	0	0	2271	1	0	0	0	1	0	0.000	0
622	619	50.77	6.93	3.0	22.03	30.28	0	0	3517	1	0	0	0	1	0	0.000	0
623	620	50.85	6.66	2.9	26.26	36.86	0	0	4175	1	0	0	0	1	0	0.000	0
624	621	50.93	5.7	2.8	32.26	45.38	0	0	2935	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	4.44	2.6	41.19	58.69	0	0	1590	1	0	0	0	1	0	0.000	0
626	623	51.1	3.08	2.4	55.67	73.51	0	0	771	1	1	0	0	1	0	0.000	0
627	624	51.18	2.14	2.2	72.25	100.94	0	0	466	1	1	1	0	1	0	0.000	0
628	625	51.26	1.45	2.1	87.67	116.91	0	0	310	1	1	1	0	1	0	0.000	0
629	626	51.34	1.04	1.9	95.52	120.08	0	0	232	1	1	1	0	1	0	0.000	0
630	627	51.43	0.84	1.9	94.34	115.46	0	0	189	1	1	1	0	1	0	0.000	0
631	628	51.51	0.88	1.9	84.26	103.5	0	0	172	1	1	1	0	1	0	0.000	0
632	629	51.59	1.15	2.1	64.97	86.61	0	0	163	1	1	1	0	1	0	0.000	0
633	630	51.67	1.87	2.4	43.39	55.47	0	0	188	1	1	1	0	1	0	0.000	0
634	631	51.75	3.38	2.7	25.54	33.33	0	0	301	1	0	0	0	1	0	0.000	0
635	632	51.84	5.61	3.0	16.58	22.84	0	0	566	1	0	0	0	1	0	0.000	0
636	633	51.92	6.37	3.1	12.04	17.51	0	0	-113	1	0	0	1	1	0	0.000	0
637	634	52	6.19	3.2	8.95	13.73	0	0	-762	1	0	0	1	1	0	0.000	0
638	635	52.08	4.51	3.2	6.67	9.71	0	0	-342	1	0	0	1	1	0	0.000	0
639	636	52.16	3.62	3.3	5.39	7.51	0	0	-201	1	0	0	1	1	0	0.000	0
640	637	52.25	2.1	3.2	5.15	7.8	0	0	-55	1	0	1	1	1	0	0.000	0
641	638	52.33	1.6	3.1	5.53	8.06	0	0	-33	1	0	1	1	1	0	0.000	0
642	639	52.41	1.42	3.0	5.94	8.6	0	0	-26	1	0	1	1	1	0	0.000	0
643	640	52.49	1.36	3.0	6.38	9.14	0	0	-23	1	0	1	1	1	0	0.000	0
644	641	52.57	1.4	3.0	6.78	9.67	0	0	-23	1	0	1	1	1	0	0.000	0
645	642	52.66	1.55	3.0	7.21	10.16	0	0	-24	1	0	1	1	1	0	0.000	0
646	643	52.74	1.79	3.0	7.59	10.86	0	0	-28	1	0	1	1	1	0	0.000	0
647	644	52.82	2.02	3.0	7.91	11.27	0	0	-3	1	0	1	1	1	0	0.000	0
648	645	52.9	2.29	3.0	8.08	11.59	0	0	-35	1	0	1	1	1	0	0.000	0
649	646	52.98	2.53	3.0	8.19	11.74	0	0	-48	1	0	1	1	1	0	0.000	0
650	647	53.07	2.99	3.1	8.25	11.91	0	0	-70	1	0	1	1	1	0	0.000	0
651	648	53.15	3.24	3.1	8.32	11.97	0	0	-86	1	0	0	1	1	0	0.000	0
652	649	53.23	3.5	3.1	8.43	12.08	0	0	-104	1	0	0	1	1	0	0.000	0
653	650	53.31	3.5	3.1	8.6	12.36	0	0	-100	1	0	0	1	1	0	0.000	0
654	651	53.4	3.52	3.1	8.81	12.7	0	0	-96	1	0	0	1	1	0	0.000	0
655	652	53.48	3.6	3.1	8.92	12.94	0	0	-99	1	0	0	1	1	0	0.000	0
656	653	53.56	3.68	3.1	8.99	12.84	0	0	-104	1	0	0	1	1	0	0.000	0
657	654	53.64	3.77	3.1	9.04	12.94	0	0	-111	1	0	0	1	1	0	0.000	0
658	655	53.72	3.73	3.1	9.23	13.16	0	0	-101	1	0	0	1	1	0	0.000	0
659	656	53.81	3.71	3.1	9.48	13.56	0	0	-92	1	0	0	1	1	0	0.000	0
660	657	53.89	3.79	3.1	9.61	13.95	0	0	-94	1	0	0	1	1	0	0.000	0
661	658	53.97	4	3.1	9.58	13.78	0	0	-113	1	0	0	1	1	0	0.000	0
662	659	54.05	4.29	3.1	9.42	13.55	0	0	-151	1	0	0	1	1	0	0.000	0
663	660	54.13	4.55	3.1	9.3	13.41	0	0	-194	1	0	0	1	1	0	0.000	0
664	661	54.22	4.71	3.1	9.24	13.28	0	0	-224	1	0	0	1	1	0	0.000	0
665	662	54.3	4.85	3.2	9.25	13.32	0	0	-250	1	0	0	1	1	0	0.000	0
666	663	54.38	5.09	3.2	9.12	13.6	0	0	-314	1	0	0	1	1	0	0.000	0
667	664	54.46	5.48	3.2	8.8	13.07	0	0	-465	1	0	0	1	1	0	0.000	0
668	665	54.54	6.1	3.3	8.2	12.57	0	0	-863	1	0	0	1	1	0	0.000	0
669	666	54.63	6.69	3.3	7.62	11.78	0	0	-1513	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	7.18	3.3	7.09	11.13	0	0	-2388	1	0	0	1	1	0	0.000	0
671	668	54.79	7.29	3.4	6.65	10.58	0	0	-2792	1	0	0	1	1	0	0.000	0
672	669	54.87	7.17	3.4	6.3	10.02	0	0	-2717	1	0	0	1	1	0	0.000	0
673	670	54.95	6.85	3.4	6.05	9.65	0	0	-2247	1	0	0	1	1	0	0.000	0
674	671	55.04	6.45	3.4	5.89	9.47	0	0	-1720	1	0	0	1	1	0	0.000	0
675	672	55.12	5.98	3.4	5.76	9.31	0	0	-1237	1	0	0	1	1	0	0.000	0
676	673	55.2	5.39	3.4	5.63	9.14	0	0	-805	1	0	0	1	1	0	0.000	0
677	674	55.28	4.69	3.3	5.49	8.89	0	0	-475	1	0	0	1	1	0	0.000	0
678	675	55.36	4.32	3.3	5.32	8.69	0	0	-361	1	0	0	1	1	0	0.000	0
679	676	55.45	4.14	3.3	5.26	8.4	0	0	-315	1	0	0	1	1	0	0.000	0
680	677	55.53	4.32	3.3	5.2	8.38	0	0	-367	1	0	0	1	1	0	0.000	0
681	678	55.61	4.29	3.3	5.22	8.21	0	0	-357	1	0	0	1	1	0	0.000	0
682	679	55.69	4.2	3.3	5.18	8.22	0	0	-334	1	0	0	1	1	0	0.000	0
683	680	55.77	3.9	3.3	5.16	8.16	0	0	-262	1	0	0	1	1	0	0.000	0
684	681	55.86	3.67	3.3	5.09	8.13	0	0	-218	1	0	0	1	1	0	0.000	0
685	682	55.94	3.56	3.3	5.01	7.91	0	0	-201	1	0	0	1	1	0	0.000	0
686	683	56.02	3.45	3.3	4.92	7.8	0	0	-186	1	0	0	1	1	0	0.000	0
687	684	56.1	3.31	3.3	4.87	7.72	0	0	-166	1	0	0	1	1	0	0.000	0
688	685	56.18	3.21	3.3	4.84	7.6	0	0	-153	1	0	0	1	1	0	0.000	0
689	686	56.27	3.2	3.3	4.83	7.6	0	0	-152	1	0	0	1	1	0	0.000	0
690	687	56.35	3.18	3.3	4.88	7.6	0	0	-148	1	0	0	1	1	0	0.000	0
691	688	56.43	3.27	3.3	4.98	7.7	0	0	-158	1	0	0	1	1	0	0.000	0
692	689	56.51	3.37	3.3	5.12	7.89	0	0	-161	1	0	0	1	1	0	0.000	0
693	690	56.59	3.54	3.3	5.27	8.09	0	0	-191	1	0	0	1	1	0	0.000	0
694	691	56.68	3.52	3.3	5.43	8.26	0	0	-184	1	0	0	1	1	0	0.000	0
695	692	56.76	3.46	3.2	5.61	8.53	0	0	-170	1	0	0	1	1	0	0.000	0
696	693	56.84	3.33	3.2	5.76	8.86	0	0	-149	1	0	0	1	1	0	0.000	0
697	694	56.92	3.29	3.2	5.92	8.94	0	0	-141	1	0	0	1	1	0	0.000	0
698	695	57	3.14	3.2	6.09	9.14	0	0	-121	1	0	0	1	1	0	0.000	0
699	696	57.09	2.87	3.2	6.3	9.51	0	0	-92	1	0	1	1	1	0	0.000	0
700	697	57.17	2.57	3.1	6.46	9.78	0	0	-69	1	0	1	1	1	0	0.000	0
701	698	57.25	2.42	3.1	6.68	9.9	0	0	-58	1	0	1	1	1	0	0.000	0
702	699	57.33	2.55	3.1	6.86	10.46	0	0	-63	1	0	1	1	1	0	0.000	0
703	700	57.41	2.71	3.1	7.01	10.52	0	0	-71	1	0	1	1	1	0	0.000	0
704	701	57.5	2.86	3.1	6.96	10.43	0	0	-82	1	0	1	1	1	0	0.000	0
705	702	57.58	3	3.1	6.85	10.25	0	0	-94	1	0	0	1	1	0	0.000	0
706	703	57.66	3.22	3.2	6.69	10.14	0	0	-117	1	0	0	1	1	0	0.000	0
707	704	57.74	3.45	3.2	6.51	9.85	0	0	-147	1	0	0	1	1	0	0.000	0
708	705	57.82	3.53	3.2	6.28	9.6	0	0	-163	1	0	0	1	1	0	0.000	0
709	706	57.91	3.44	3.2	6.08	9.36	0	0	-156	1	0	0	1	1	0	0.000	0
710	707	57.99	3.4	3.2	5.86	9.16	0	0	-156	1	0	0	1	1	0	0.000	0
711	708	58.07	3.48	3.2	5.59	8.78	0	0	-174	1	0	0	1	1	0	0.000	0
712	709	58.15	3.88	3.3	5.37	8.11	0	0	-250	1	0	0	1	1	0	0.000	0
713	710	58.23	4.58	3.3	5.21	8.09	0	0	-452	1	0	0	1	1	0	0.000	0
714	711	58.32	5.44	3.4	5.24	8.03	0	0	-884	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	5.65	3.4	5.27	8.32	0	0	-1034	1	0	0	1	1	0	0.000	0
716	713	58.48	5.24	3.4	5.28	8.48	0	0	-753	1	0	0	1	1	0	0.000	0
717	714	58.56	4.29	3.3	5.17	8.38	0	0	-360	1	0	0	1	1	0	0.000	0
718	715	58.64	3.7	3.3	5.02	8.13	0	0	-226	1	0	0	1	1	0	0.000	0
719	716	58.73	3.34	3.3	4.9	7.95	0	0	-170	1	0	0	1	1	0	0.000	0
720	717	58.81	3.36	3.3	4.81	7.78	0	0	-175	1	0	0	1	1	0	0.000	0
721	718	58.89	3.5	3.3	4.75	7.65	0	0	-198	1	0	0	1	1	0	0.000	0
722	719	58.97	3.81	3.3	4.66	7.63	0	0	-260	1	0	0	1	1	0	0.000	0
723	720	59.05	4.2	3.4	4.57	7.34	0	0	-362	1	0	0	1	1	0	0.000	0
724	721	59.14	4.51	3.4	4.53	7.2	0	0	-467	1	0	0	1	1	0	0.000	0
725	722	59.22	4.75	3.4	4.64	7.37	0	0	-558	1	0	0	1	1	0	0.000	0
726	723	59.3	4.59	3.4	4.89	7.73	0	0	-476	1	0	0	1	1	0	0.000	0
727	724	59.38	4.39	3.3	5.14	8.19	0	0	-392	1	0	0	1	1	0	0.000	0
728	725	59.46	4.36	3.3	5.27	8.41	0	0	-376	1	0	0	1	1	0	0.000	0
729	726	59.55	4.63	3.3	5.24	8.37	0	0	-469	1	0	0	1	1	0	0.000	0
730	727	59.63	4.94	3.4	5.08	8.18	0	0	-612	1	0	0	1	1	0	0.000	0
731	728	59.71	5.15	3.4	4.88	7.85	0	0	-741	1	0	0	1	1	0	0.000	0
732	729	59.79	5.38	3.4	4.69	7.62	0	0	-908	1	0	0	1	1	0	0.000	0
733	730	59.87	5.42	3.4	4.62	7.5	0	0	-945	1	0	0	1	1	0	0.000	0
734	731	59.96	5.36	3.4	4.58	7.52	0	0	-907	1	0	0	1	1	0	0.000	0
735	732	60.04	5.26	3.4	4.52	7.45	0	0	-845	1	0	0	1	1	0	0.000	0
736	733	60.12	5.31	3.4	4.43	7.32	0	0	-839	1	0	0	1	1	0	0.000	0
737	734	60.2	5.26	3.4	4.34	7.15	0	0	-86	1	0	0	1	1	0	0.000	0
738	735	60.28	4.89	3.4	4.27	7.02	0	0	-653	1	0	0	1	1	0	0.000	0
739	736	60.37	4.36	3.4	4.22	6.95	0	0	-30	1	0	0	1	1	0	0.000	0
740	737	60.45	3.8	3.4	4.18	6.9	0	0	-273	1	0	0	1	1	0	0.000	0
741	738	60.53	3.31	3.3	4.14	6.79	0	0	-182	1	0	0	1	1	0	0.000	0
742	739	60.61	3.07	3.3	4.13	6.79	0	0	-148	1	0	0	1	1	0	0.000	0
743	740	60.69	2.96	3.3	4.11	6.79	0	0	-135	1	0	1	1	1	0	0.000	0
744	741	60.78	3.02	3.3	4.05	6.71	0	0	-143	1	0	0	1	1	0	0.000	0
745	742	60.86	3.1	3.3	3.99	6.53	0	0	-155	1	0	0	1	1	0	0.000	0
746	743	60.94	3.23	3.4	4.01	6.51	0	0	-172	1	0	0	1	1	0	0.000	0
747	744	61.02	3.5	3.4	4.09	6.74	0	0	-215	1	0	0	1	1	0	0.000	0
748	745	61.1	3.74	3.4	4.2	6.93	0	0	-259	1	0	0	1	1	0	0.000	0
749	746	61.19	3.98	3.4	4.19	7.06	0	0	-317	1	0	0	1	1	0	0.000	0
750	747	61.27	4.06	3.4	4.14	6.95	0	0	-340	1	0	0	1	1	0	0.000	0
751	748	61.35	3.95	3.4	4.05	6.89	0	0	-314	1	0	0	1	1	0	0.000	0
752	749	61.43	3.73	3.4	3.97	6.75	0	0	-264	1	0	0	1	1	0	0.000	0
753	750	61.52	3.52	3.4	3.92	6.57	0	0	-223	1	0	0	1	1	0	0.000	0
754	751	61.6	3.53	3.4	3.91	6.53	0	0	-225	1	0	0	1	1	0	0.000	0
755	752	61.68	3.52	3.4	3.96	6.56	0	0	-222	1	0	0	1	1	0	0.000	0
756	753	61.76	3.47	3.4	4.05	6.7	0	0	-210	1	0	0	1	1	0	0.000	0
757	754	61.84	3.5	3.4	4.16	6.87	0	0	-213	1	0	0	1	1	0	0.000	0
758	755	61.93	3.72	3.4	4.34	7.06	0	0	-251	1	0	0	1	1	0	0.000	0
759	756	62.01	4.07	3.4	4.59	7.43	0	0	-325	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	4.29	3.4	4.81	7.96	0	0	-378	1	0	0	1	1	0	0.000	0
761	758	62.17	4.56	3.4	4.95	8.03	0	0	-461	1	0	0	1	1	0	0.000	0
762	759	62.25	4.74	3.4	4.97	8.09	0	0	-531	1	0	0	1	1	0	0.000	0
763	760	62.34	4.69	3.4	5.05	8.13	0	0	-504	1	0	0	1	1	0	0.000	0
764	761	62.42	4.48	3.3	5.13	8.41	0	0	-422	1	0	0	1	1	0	0.000	0
765	762	62.5	4.31	3.3	5.2	8.49	0	0	-364	1	0	0	1	1	0	0.000	0
766	763	62.58	4.22	3.3	5.17	8.43	0	0	-340	1	0	0	1	1	0	0.000	0
767	764	62.66	4.08	3.3	5.08	8.34	0	0	-307	1	0	0	1	1	0	0.000	0
768	765	62.75	3.95	3.3	5	8.18	0	0	-279	1	0	0	1	1	0	0.000	0
769	766	62.83	3.82	3.3	4.92	8.1	0	0	-253	1	0	0	1	1	0	0.000	0
770	767	62.91	3.71	3.3	4.91	8.08	0	0	-231	1	0	0	1	1	0	0.000	0
771	768	62.99	3.63	3.3	4.99	8.13	0	0	-214	1	0	0	1	1	0	0.000	0
772	769	63.07	3.83	3.3	5.12	8.45	0	0	-248	1	0	0	1	1	0	0.000	0
773	770	63.16	4.41	3.3	5.36	8.49	0	0	-386	1	0	0	1	1	0	0.000	0
774	771	63.24	4.61	3.3	5.81	9	0	0	-425	1	0	0	1	1	0	0.000	0
775	772	63.32	4.47	3.3	6.54	10.18	0	0	-338	1	0	0	1	1	0	0.000	0
776	773	63.4	4.55	3.2	7.24	11.8	0	0	-318	1	0	0	1	1	0	0.000	0
777	774	63.48	5.26	3.2	7.65	12.57	0	0	-514	1	0	0	1	1	0	0.000	0
778	775	63.57	6.35	3.3	7.82	12.72	0	0	-1131	1	0	0	1	1	0	0.000	0
779	776	63.65	6.97	3.3	7.97	13.04	0	0	-1720	1	0	0	1	1	0	0.000	0
780	777	63.73	7.57	3.3	7.88	13.36	0	0	-2587	1	0	0	1	1	0	0.000	0
781	778	63.81	8.37	3.4	7.52	12.48	0	0	-5030	1	0	0	1	1	0	0.000	0
782	779	63.89	8.68	3.4	7.46	11.64	0	0	-627	1	0	0	1	1	0	0.000	0
783	780	63.98	7.43	3.3	8.23	13.13	0	0	-2250	1	0	0	1	1	0	0.000	0
784	781	64.06	5.5	3.2	9.64	15.71	0	0	-65	1	0	0	1	1	0	0.000	0
785	782	64.14	4.53	3.1	10.45	18.07	0	0	-122	1	0	0	1	1	0	0.000	0
786	783	64.22	4.56	3.1	10.28	17.13	0	0	-135	1	0	0	1	1	0	0.000	0
787	784	64.3	5.33	3.2	9.39	15.38	0	0	-348	1	0	0	1	1	0	0.000	0
788	785	64.39	5.97	3.2	8.91	14.14	0	0	-654	1	0	0	1	1	0	0.000	0
789	786	64.47	6.42	3.2	8.86	14.73	0	0	-926	1	0	0	1	1	0	0.000	0
790	787	64.55	6.62	3.3	8.82	15.01	0	0	-1085	1	0	0	1	1	0	0.000	0
791	788	64.63	6.76	3.3	8.21	14.01	0	0	-1400	1	0	0	1	1	0	0.000	0
792	789	64.71	6.95	3.3	7.15	12.27	0	0	-2003	1	0	0	1	1	0	0.000	0
793	790	64.8	7.24	3.4	6.11	10.46	0	0	-2944	1	0	0	1	1	0	0.000	0
794	791	64.88	7.87	3.5	5.33	9.3	0	0	-5140	1	0	0	1	1	0	0.000	0
795	792	64.96	7.91	3.5	4.97	8.63	0	0	-5550	1	0	0	1	1	0	0.000	0
796	793	65.04	7.17	3.5	5.01	8.56	0	0	-3283	1	0	0	1	1	0	0.000	0
797	794	65.12	5.9	3.4	5.31	9.09	0	0	-1242	1	0	0	1	1	0	0.000	0
798	795	65.21	4.58	3.3	5.73	9.58	0	0	-420	1	0	0	1	1	0	0.000	0
799	796	65.29	3.92	3.2	6.06	10.19	0	0	-234	1	0	0	1	1	0	0.000	0
800	797	65.37	3.78	3.2	6.36	10.43	0	0	-198	1	0	0	1	1	0	0.000	0
801	798	65.45	4.3	3.3	6.36	10.82	0	0	-304	1	0	0	1	1	0	0.000	0
802	799	65.53	4.8	3.3	6.14	10.26	0	0	-470	1	0	0	1	1	0	0.000	0
803	800	65.62	5.25	3.3	5.64	9.56	0	0	-721	1	0	0	1	1	0	0.000	0
804	801	65.7	5.31	3.4	5.15	8.82	0	0	-809	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	5.12	3.4	4.65	8.2	0	0	-746	1	0	0	1	1	0	0.000	0
806	803	65.86	4.77	3.4	4.25	7.37	0	0	-595	1	0	0	1	1	0	0.000	0
807	804	65.94	4.28	3.4	3.96	7.03	0	0	-416	1	0	0	1	1	0	0.000	0
808	805	66.03	3.83	3.4	3.8	6.79	0	0	-293	1	0	0	1	1	0	0.000	0
809	806	66.11	3.56	3.4	3.67	6.53	0	0	-237	1	0	0	1	1	0	0.000	0
810	807	66.19	3.47	3.4	3.53	6.38	0	0	-223	1	0	0	1	1	0	0.000	0
811	808	66.27	3.58	3.4	3.4	6.19	0	0	-249	1	0	0	1	1	0	0.000	0
812	809	66.35	3.67	3.5	3.31	5.97	0	0	-271	1	0	0	1	1	0	0.000	0
813	810	66.44	3.61	3.5	3.28	5.88	0	0	-258	1	0	0	1	1	0	0.000	0
814	811	66.52	3.4	3.4	3.3	5.97	0	0	-216	1	0	0	1	1	0	0.000	0
815	812	66.6	3.14	3.4	3.31	5.97	0	0	-173	1	0	0	1	1	0	0.000	0
816	813	66.68	3	3.4	3.3	5.86	0	0	-153	1	0	0	1	1	0	0.000	0
817	814	66.76	2.91	3.4	3.32	5.85	0	0	-142	1	0	1	1	1	0	0.000	0
818	815	66.85	2.89	3.4	3.36	6.02	0	0	-139	1	0	1	1	1	0	0.000	0
819	816	66.93	2.88	3.4	3.41	5.98	0	0	-137	1	0	1	1	1	0	0.000	0
820	817	67.01	2.89	3.4	3.45	6.03	0	0	-137	1	0	1	1	1	0	0.000	0
821	818	67.09	2.88	3.4	3.52	6.17	0	0	-135	1	0	1	1	1	0	0.000	0
822	819	67.17	2.91	3.4	3.58	6.23	0	0	-138	1	0	1	1	1	0	0.000	0
823	820	67.26	2.95	3.4	3.62	6.26	0	0	-142	1	0	1	1	1	0	0.000	0
824	821	67.34	3	3.4	3.65	6.29	0	0	-148	1	0	0	1	1	0	0.000	0
825	822	67.42	3.01	3.4	3.68	6.31	0	0	-148	1	0	0	1	1	0	0.000	0
826	823	67.5	3.02	3.4	3.73	6.35	0	0	-149	1	0	0	1	1	0	0.000	0
827	824	67.58	3.08	3.4	3.81	6.44	0	0	-15	1	0	0	1	1	0	0.000	0
828	825	67.67	3.13	3.4	3.91	6.53	0	0	-160	1	0	0	1	1	0	0.000	0
829	826	67.75	3.23	3.4	3.99	6.76	0	0	-173	1	0	0	1	1	0	0.000	0
830	827	67.83	3.36	3.4	4.05	6.84	0	0	-192	1	0	0	1	1	0	0.000	0
831	828	67.91	3.62	3.4	4.06	6.9	0	0	-239	1	0	0	1	1	0	0.000	0
832	829	67.99	3.89	3.4	4.15	6.96	0	0	-295	1	0	0	1	1	0	0.000	0
833	830	68.08	4.1	3.4	4.36	7.24	0	0	-342	1	0	0	1	1	0	0.000	0
834	831	68.16	4.34	3.4	4.63	7.81	0	0	-402	1	0	0	1	1	0	0.000	0
835	832	68.24	4.66	3.4	4.9	8.16	0	0	-502	1	0	0	1	1	0	0.000	0
836	833	68.32	4.99	3.4	5.08	8.66	0	0	-637	1	0	0	1	1	0	0.000	0
837	834	68.4	5.22	3.4	5.25	9	0	0	-745	1	0	0	1	1	0	0.000	0
838	835	68.49	5.55	3.4	5.37	9.19	0	0	-945	1	0	0	1	1	0	0.000	0
839	836	68.57	6.07	3.4	5.47	9.41	0	0	-1380	1	0	0	1	1	0	0.000	0
840	837	68.65	6.65	3.4	5.55	9.55	0	0	-2094	1	0	0	1	1	0	0.000	0
841	838	68.73	7.24	3.4	5.56	9.65	0	0	-3197	1	0	0	1	1	0	0.000	0
842	839	68.81	7.8	3.5	5.53	9.58	0	0	-4760	1	0	0	1	1	0	0.000	0
843	840	68.9	8.39	3.5	5.41	9.41	0	0	-7260	1	0	0	1	1	0	0.000	0
844	841	68.98	8.81	3.5	5.26	9.2	0	0	-9834	1	0	0	1	1	0	0.000	0
845	842	69.06	9.25	3.5	5.18	9.03	0	0	-13302	1	0	0	1	1	0	0.000	0
846	843	69.14	9.73	3.5	5.23	9.15	0	0	-18048	1	0	0	1	1	0	0.000	0
847	844	69.22	10.13	3.5	5.37	9.47	0	0	-22858	1	0	0	1	1	0	0.000	0
848	845	69.31	10.37	3.5	5.53	9.66	0	0	-26002	1	0	0	1	1	0	0.000	0
849	846	69.39	10.27	3.5	5.67	9.96	0	0	-23924	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	10.05	3.5	5.83	10.2	0	0	-20323	1	0	0	1	1	0	0.000	0
851	848	69.55	9.5	3.5	6.09	10.31	0	0	-13714	1	0	0	1	1	0	0.000	0
852	849	69.64	8.67	3.4	6.62	10.93	0	0	-7273	1	0	0	1	1	0	0.000	0
853	850	69.72	8.01	3.4	7.34	12.36	0	0	-4075	1	0	0	1	1	0	0.000	0
854	851	69.8	7.87	3.3	8.2	13.52	0	0	-3083	1	0	0	1	1	0	0.000	0
855	852	69.88	8.57	3.3	8.98	14.94	0	0	-4071	1	0	0	1	1	0	0.000	0
856	853	69.96	9.56	3.3	9.77	16.26	0	0	-6072	1	0	0	1	1	0	0.000	0
857	854	70.05	10.11	3.3	10.5	17.42	0	0	-6331	1	0	0	1	1	0	0.000	0
858	855	70.13	10.08	3.3	10.99	18.71	0	0	-4690	1	0	0	1	1	0	0.000	0
859	856	70.21	10.02	3.3	11.01	18.98	0	0	-4454	1	0	0	1	1	0	0.000	0
860	857	70.29	10.13	3.3	10.41	17.95	0	0	-6700	1	0	0	1	1	0	0.000	0
861	858	70.37	10.57	3.4	9.53	16.12	0	0	-12559	1	0	0	1	1	0	0.000	0
862	859	70.46	10.74	3.4	8.94	14.91	0	0	-16733	1	0	0	1	1	0	0.000	0
863	860	70.54	9.98	3.3	9.51	15.13	0	0	-8713	1	0	0	1	1	0	0.000	0
864	861	70.62	8.71	3.3	10.92	18.41	0	0	-2007	1	0	0	1	1	0	0.000	0
865	862	70.7	7.15	3.2	12.23	21.5	0	0	-117	1	0	0	1	1	0	0.000	0
866	863	70.78	6.55	3.1	12.2	21.39	0	0	-84	1	0	0	1	1	0	0.000	0
867	864	70.87	7	3.2	10.99	18.73	0	0	-586	1	0	0	1	1	0	0.000	0
868	865	70.95	8.53	3.3	9.37	15.89	0	0	-3523	1	0	0	1	1	0	0.000	0
869	866	71.03	10.29	3.4	8.14	13.76	0	0	-15466	1	0	0	1	1	0	0.000	0
870	867	71.11	9.92	3.4	8.47	12.97	0	0	-11302	1	0	0	1	1	0	0.000	0
871	868	71.19	7.8	3.2	11.29	17.08	0	0	-826	1	0	0	1	1	0	0.000	0
872	869	71.28	6.23	3.0	15.89	26.95	0	0	751	1	0	0	0	1	0	0.000	0
873	870	71.36	5.65	2.9	20.68	35.44	0	0	1170	1	0	0	0	1	0	0.000	0
874	871	71.44	6.05	2.9	23.16	41.33	0	0	2162	1	0	0	0	1	0	0.000	0
875	872	71.52	6.44	2.9	24.11	40	0	0	2999	1	0	0	0	1	0	0.000	0
876	873	71.6	6.82	2.9	24.47	40.52	0	0	4080	1	0	0	0	1	0	0.000	0
877	874	71.69	5.75	2.8	29.74	43.18	0	0	2660	1	0	0	0	1	0	0.000	0
878	875	71.77	4.08	2.6	43.64	68.07	0	0	1288	1	1	0	0	1	0	0.000	0
879	876	71.85	2.76	2.3	72.14	111.69	0	0	807	1	1	1	0	1	0	0.000	0
880	877	71.93	2.23	2.2	97.07	175.29	0	0	715	0	1	1	0	1	0	0.000	0
881	878	72.01	2.04	2.1	115.43	179.75	0	0	733	0	1	1	0	1	0	0.000	0
882	879	72.1	1.97	2.1	119.95	194.41	0	0	718	0	1	1	0	1	0	0.000	0
883	880	72.18	1.83	2.0	125.85	192.94	0	0	666	0	1	1	0	1	0	0.000	0
884	881	72.26	1.69	2.0	128.19	201.24	0	0	598	0	1	1	0	1	0	0.000	0
885	882	72.34	1.63	2.0	127.55	198.78	0	0	562	0	1	1	0	1	0	0.000	0
886	883	72.42	1.64	2.0	121.89	185.7	0	0	539	0	1	1	0	1	0	0.000	0
887	884	72.51	1.72	2.0	114.43	175.52	0	0	541	0	1	1	0	1	0	0.000	0
888	885	72.59	1.82	2.1	107.78	167.91	0	0	555	0	1	1	0	1	0	0.000	0
889	886	72.67	1.94	2.1	102.65	159.74	0	0	586	1	1	1	0	1	0	0.000	0
890	887	72.75	2.01	2.1	99.52	156.08	0	0	603	1	1	1	0	1	0	0.000	0
891	888	72.83	1.99	2.1	99.75	155.62	0	0	594	1	1	1	0	1	0	0.000	0
892	889	72.92	1.83	2.1	99.29	160.5	0	0	510	0	1	1	0	1	0	0.000	0
893	890	73	1.52	2.0	98.57	146.7	0	0	380	1	1	1	0	1	0	0.000	0
894	891	73.08	1.32	2.0	94.47	138.18	0	0.01	299	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	1.31	2.0	90.99	130.6	0	0.03	284	1	1	1	0	1	0	0.000	0
896	893	73.24	1.44	2.1	89.04	130.55	0	0.02	313	1	1	1	0	1	0	0.000	0
897	894	73.33	1.41	2.0	90.7	134.89	0	0.01	311	1	1	1	0	1	0	0.000	0
898	895	73.41	1.44	2.1	89.64	138.69	0	0	316	1	1	1	0	1	0	0.000	0
899	896	73.49	1.61	2.1	80.76	128.32	0	0	327	1	1	1	0	1	0	0.000	0
900	897	73.57	1.87	2.2	70.02	101.38	0	0	351	1	1	1	0	1	0	0.000	0
901	898	73.65	2.1	2.3	56.16	96.71	0	0	328	1	1	1	0	1	0	0.000	0
902	899	73.74	2.11	2.4	44.47	67.62	0	0	243	1	1	1	0	1	0	0.000	0
903	900	73.82	3.07	2.6	32.01	48.47	0	0	346	1	0	0	0	1	0	0.000	0
904	901	73.9	3.54	2.7	29.16	44.83	0	0	440	1	0	0	0	1	0	0.000	0
905	902	73.98	3.68	2.6	34	56.73	0	0	639	1	0	0	0	1	0	0.000	0
906	903	74.06	3.32	2.6	38.74	73.88	0	0.1	576	1	1	0	0	1	0	0.000	0
907	904	74.15	3.39	2.6	38.98	65.74	0	0.13	616	1	1	0	0	1	0	0.000	0
908	905	74.23	3.38	2.6	37.68	58.42	0	0	581	1	1	0	0	1	0	0.000	0
909	906	74.31	2.73	2.5	43.12	67.01	0	0	404	1	1	0	1	1	0	0.000	0
910	907	74.39	1.99	2.3	51.04	87.82	0	0	262	1	1	1	0	1	0	0.000	0
911	908	74.47	1.56	2.2	57.58	86.61	0	0	206	1	1	1	0	1	0	0.000	0
912	909	74.56	1.28	2.2	60.29	88.63	0	0	168	1	1	1	0	1	0	0.000	0
913	910	74.64	1.19	2.1	62.87	92.44	0	0	163	1	1	1	0	1	0	0.000	0
914	911	74.72	1.19	2.1	66.19	94.89	0	0.09	173	1	1	1	0	1	0	0.000	0
915	912	74.8	1.15	2.1	69.57	102.46	0	0.08	177	1	1	1	0	1	0	0.000	0
916	913	74.88	0.78	2.0	74.52	102.11	0	0.13	135	1	1	1	0	1	0	0.000	0
917	914	74.97	0.36	1.8	79.45	92.29	0	0.37	91	1	1	1	0	1	0	0.000	0
918	915	75.05	0	4.1	56.9	106.35	0	0	44	1	0	1	1	1	0	0.000	0
919	916	75.13	0	4.1	55.22	110.56	0	0	43	1	0	1	1	1	0	0.000	0
920	917	75.21	0	4.1	53.98	98.16	0	0	41	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

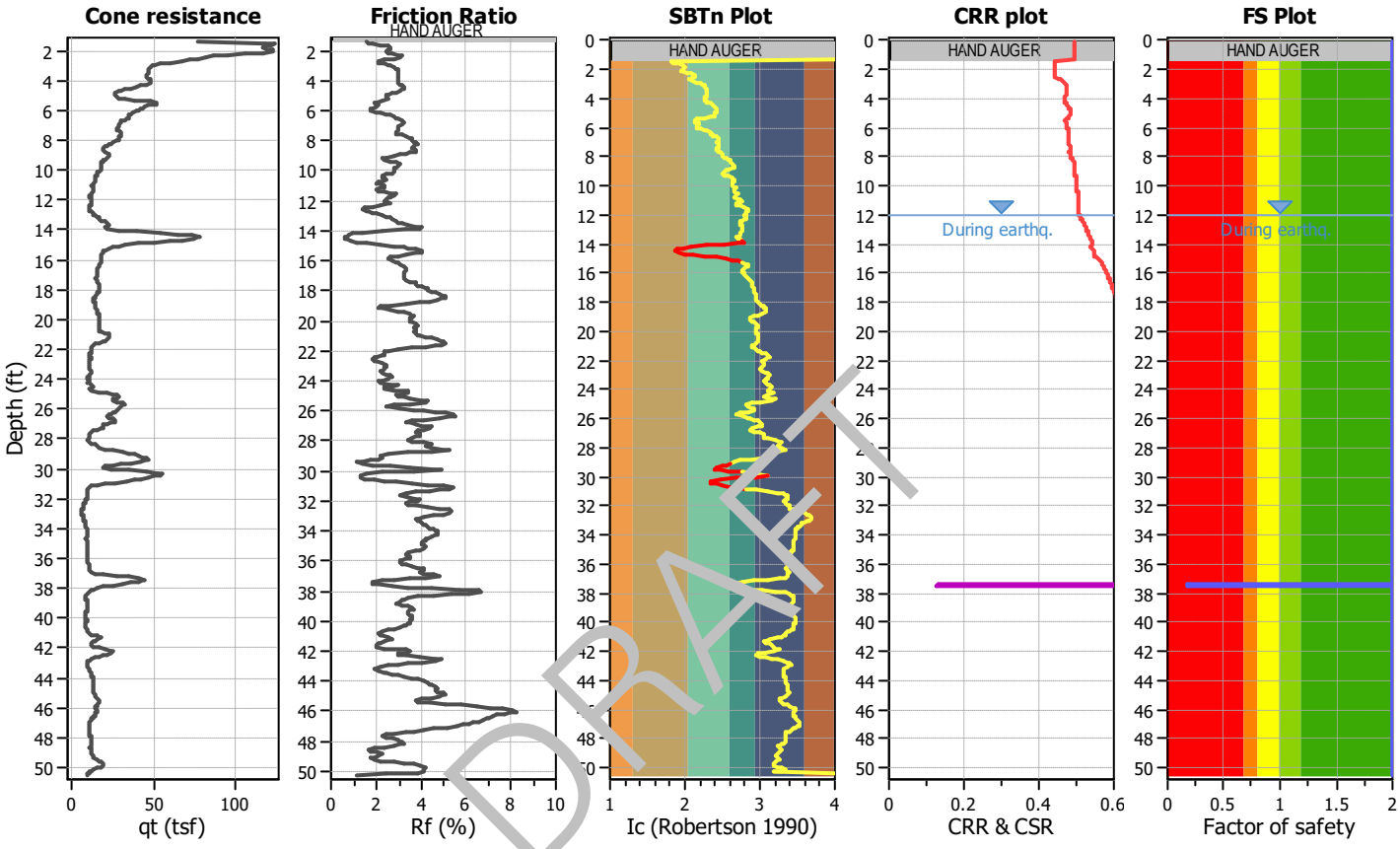
LIQUEFACTION ANALYSIS REPORT

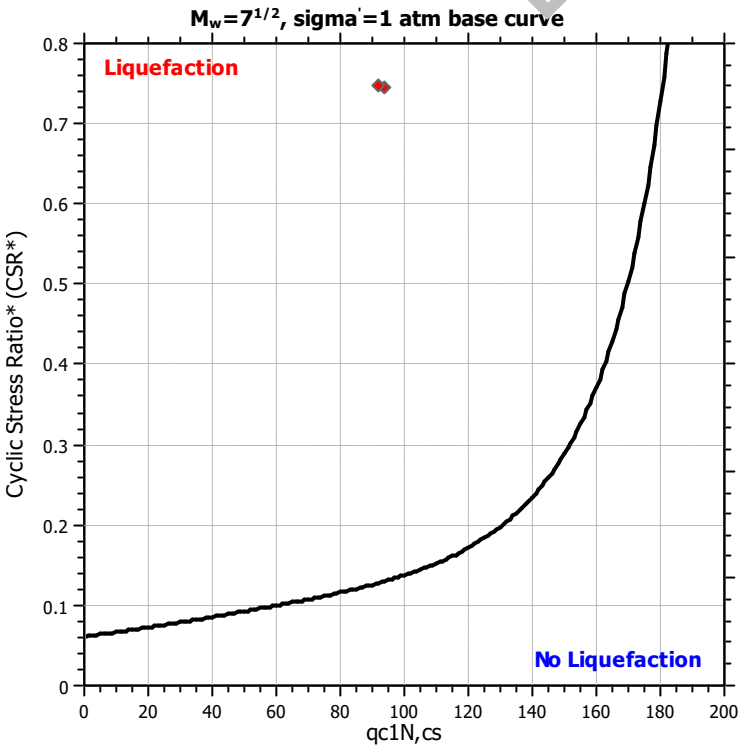
Project title : **Location :**

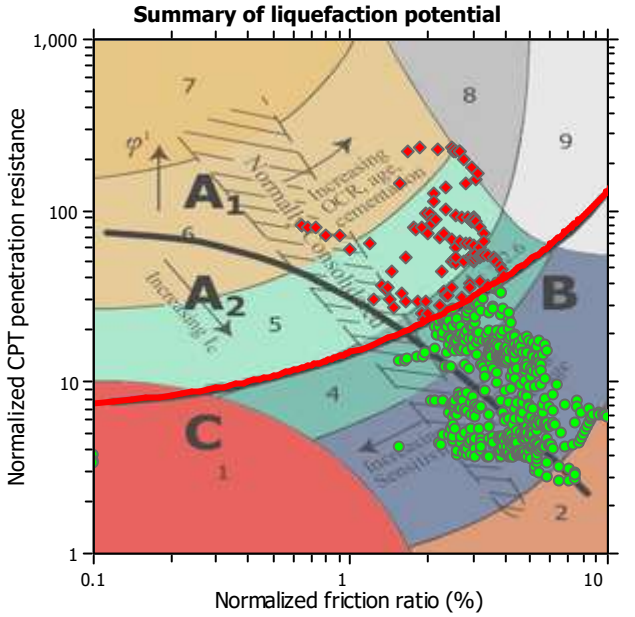
CPT file : CPT-19

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

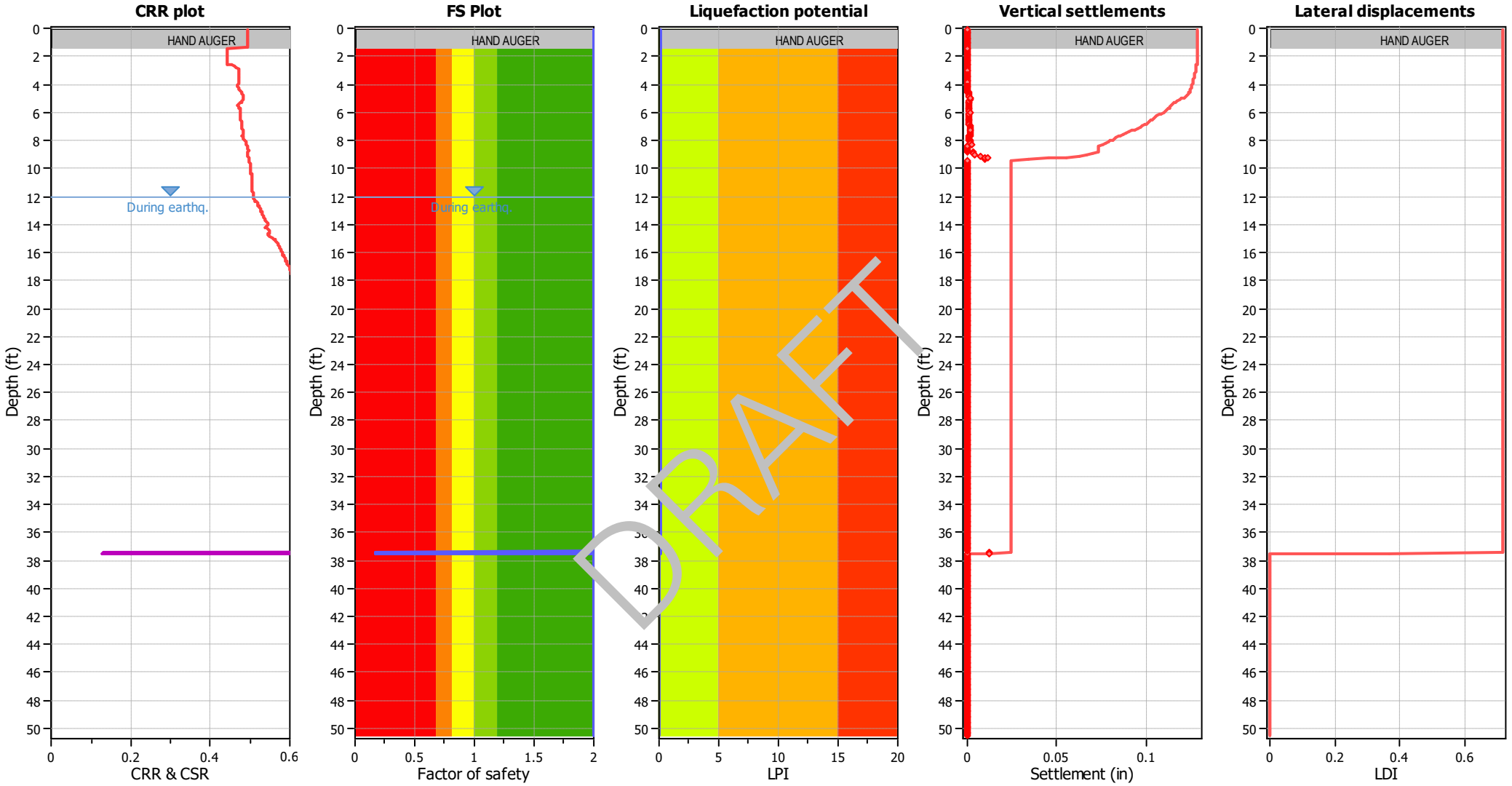






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-19, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.020	0
20	17	1.39	1.56	1.9	144.32	167.86	0	0	603	0	1	1	0	1	0	0.020	0
21	18	1.48	1.65	1.8	222.87	199.39	0	0	1047	0	1	1	0	1	0	0.020	0
22	19	1.56	1.87	1.9	233.77	200.18	0	0	1349	0	1	1	0	1	0	0.020	0
23	20	1.64	2.19	1.9	229.25	196.2	0	0	1768	0	1	1	0	1	0	0.020	0
24	21	1.72	2.51	2.0	222.97	188.52	0	0	2285	0	1	1	0	1	0	0.020	0
25	22	1.8	2.67	2.0	219.54	184.34	0	0	2589	0	1	1	0	1	0	0.020	0
26	23	1.89	2.65	2.0	223.58	187.49	0	0	2593	0	1	1	0	1	0	0.020	0
27	24	1.97	2.54	2.0	230.36	198.72	0	0	2429	0	1	1	0	1	0	0.020	0
28	25	2.05	2.49	2.0	231.6	201.48	0	0	2337	0	1	1	0	1	0	0.020	0
29	26	2.13	2.56	2.0	220.38	190.59	0	0	2359	0	1	1	0	1	0	0.020	0
30	27	2.21	2.75	2.0	200.19	170.27	0	0	2518	0	1	1	0	1	0	0.020	0
31	28	2.3	2.98	2.1	179.39	150.26	0	0	2735	1	1	1	0	1	0	0.020	0
32	29	2.38	3.14	2.1	164.16	137.71	0	0	2853	1	1	0	0	1	0	0.020	0
33	30	2.46	3.07	2.1	153.85	131.48	0	0	2503	1	1	0	0	1	0	0.020	0
34	31	2.54	2.79	2.1	145.75	123.99	0	0	1851	1	1	1	0	1	0	0.020	0
35	32	2.62	2.35	2.1	136.7	117.09	0	0	1169	1	1	1	0	1	0	0.020	0
36	33	2.71	2.11	2.1	126.64	108.46	0	0	866	1	1	1	0	1	0	0.020	0
37	34	2.79	2.12	2.1	113.31	98.37	0	0	772	1	1	1	0	1	0	0.020	0
38	35	2.87	2.35	2.2	102.37	83.14	0	0	846	1	1	1	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.55	2.2	94.6	80.58	0	0	924	1	1	1	0	1	0	0.020	0
40	37	3.03	2.68	2.2	92.23	78.6	0	0	1006	1	1	1	0	1	0	0.020	0
41	38	3.12	2.83	2.3	90.33	77.13	0	0	1120	1	1	1	0	1	0	0.020	0
42	39	3.2	2.94	2.3	89.04	75.76	0	0	1212	1	1	1	0	1	0	0.020	0
43	40	3.28	3	2.3	88.3	75.34	0	0	1264	1	1	0	0	1	0	0.020	0
44	41	3.36	3	2.3	88.03	75.27	0	0	1259	1	1	0	0	1	0	0.020	0
45	42	3.44	3	2.3	87.89	75.09	0	0	1257	1	1	0	0	1	0	0.020	0
46	43	3.53	2.99	2.3	87.35	75.01	0	0	1237	1	1	1	0	1	0	0.020	0
47	44	3.61	2.98	2.3	86.85	73.92	0	0	1218	1	1	1	0	1	0	0.020	0
48	45	3.69	2.98	2.3	86.33	73.82	0	0	1210	1	1	1	0	1	0	0.020	0
49	46	3.77	2.98	2.3	86.95	73.7	0	0	1220	1	1	1	0	1	0	0.020	0
50	47	3.85	2.99	2.3	87.98	75.53	0	0	1248	1	1	1	0	1	0	0.020	0
51	48	3.94	2.99	2.3	89.5	76.48	0	0	1273	1	1	1	0	1	0	0.020	0
52	49	4.02	3	2.3	90.69	77.6	0	0	1304	1	1	0	0	1	0	0.020	0
53	50	4.1	3	2.3	91.46	78.6	0	0	1316	1	1	0	0	1	0	0.020	0
54	51	4.18	3.01	2.3	90.05	78.47	0	0	1304	1	1	0	0	1	0	0.020	0
55	52	4.26	3.08	2.3	86.05	74.01	0	0	1314	1	1	0	0	1	0	0.020	0
56	53	4.35	3.19	2.3	79.94	68.45	0	0	[illegible]	1	1	0	0	1	0	0.020	0
57	54	4.43	3.27	2.4	73.45	62.9	0	0	1[illegible]81	1	1	0	0	1	0	0.020	0
58	55	4.51	3.28	2.4	67.08	57.5	0	0	11[illegible]7	1	1	0	0	1	0	0.020	0
59	56	4.59	3.18	2.4	61.59	52.19	0	0	95[illegible]	1	1	0	0	1	0	0.020	0
60	57	4.68	3.06	2.4	56.77	48.91	0	0	[illegible]77	1	1	0	0	1	0	0.020	0
61	58	4.76	2.9	2.4	52.92	45.19	0	0	618	1	1	1	0	1	0	0.020	0
62	59	4.84	2.75	2.4	50.19	42.36	0	0	506	1	1	1	0	1	0	0.020	0
63	60	4.92	2.55	2.4	49.38	41.94	0	0	415	1	1	1	0	1	0	0.020	0
64	61	5	2.46	2.4	49.95	43.1	0	0	389	1	1	1	0	1	0	0.020	0
65	62	5.09	2.51	2.4	51.6	43.82	0	0	425	1	1	1	0	1	0	0.020	0
66	63	5.17	2.58	2.4	54.07	46.18	0	0	480	1	1	1	0	1	0	0.020	0
67	64	5.25	2.57	2.4	60.77	49.41	0	0	553	1	1	1	0	1	0	0.020	0
68	65	5.33	2.31	2.3	72.92	60.93	0	0	549	1	1	1	0	1	0	0.020	0
69	66	5.41	2.07	2.2	89.12	75.26	0	0	561	1	1	1	0	1	0	0.020	0
70	67	5.5	1.97	2.1	96.97	86.05	0	0	564	1	1	1	0	1	0	0.020	0
71	68	5.58	2.04	2.1	96.33	77.84	0	0	597	1	1	1	0	1	0	0.020	0
72	69	5.66	2.13	2.2	88.57	72.71	0	0	588	1	1	1	0	1	0	0.020	0
73	70	5.74	2.07	2.2	83.91	68.48	0	0	523	1	1	1	0	1	0	0.020	0
74	71	5.82	1.88	2.2	80.96	66.72	0	0	421	1	1	1	0	1	0	0.020	0
75	72	5.91	1.77	2.2	79.28	65.67	0	0	371	1	1	1	0	1	0	0.020	0
76	73	5.99	1.8	2.2	76.94	64.06	0	0	368	1	1	1	0	1	0	0.020	0
77	74	6.07	2	2.2	73.49	60.4	0	0	419	1	1	1	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.23	2.3	69.67	56.67	0	0	483	1	1	1	0	1	0	0.020	0
79	76	6.23	2.46	2.3	67.33	54.25	0	0	569	1	1	1	0	1	0	0.020	0
80	77	6.32	2.67	2.3	65.7	54.01	0	0	665	1	1	1	0	1	0	0.020	0
81	78	6.4	2.81	2.4	65.28	52.05	0	0	746	1	1	1	0	1	0	0.020	0
82	79	6.48	2.91	2.4	64.69	52.36	0	0	805	1	1	1	0	1	0	0.020	0
83	80	6.56	3	2.4	63.41	51.83	0	0	849	1	1	0	0	1	0	0.020	0
84	81	6.64	3.16	2.4	60.36	48.4	0	0	916	1	1	0	0	1	0	0.020	0
85	82	6.73	3.28	2.4	57.11	44.99	0	0	946	1	1	0	0	1	0	0.020	0
86	83	6.81	3.3	2.5	54.98	44.04	0	0	916	1	1	0	0	1	0	0.020	0
87	84	6.89	3.23	2.5	54.28	43.13	0	0	849	1	1	0	0	1	0	0.020	0
88	85	6.97	3.16	2.5	53.98	42.8	0	0	794	1	1	0	0	1	0	0.020	0
89	86	7.05	3.05	2.4	54.11	42.8	0	0	724	1	1	0	0	1	0	0.020	0
90	87	7.14	3	2.4	52.97	42.78	0	0	675	1	1	0	0	1	0	0.020	0
91	88	7.22	3.03	2.5	51.41	39.83	0	0	666	1	1	0	0	1	0	0.020	0
92	89	7.3	3.03	2.5	51.07	38.93	0	0	660	1	1	0	0	1	0	0.020	0
93	90	7.38	2.98	2.4	52.43	41.49	0	0	654	1	1	1	0	1	0	0.020	0
94	91	7.46	2.92	2.4	53.82	42.73	0	0	643	1	1	1	0	1	0	0.020	0
95	92	7.55	2.98	2.4	55.16	42.73	0	0	[illegible]	1	1	1	0	1	0	0.020	0
96	93	7.63	3.2	2.5	54.56	44.74	0	0	33	1	1	0	0	1	0	0.020	0
97	94	7.71	3.39	2.5	54.25	40.84	0	0	9[illegible]	1	1	0	0	1	0	0.020	0
98	95	7.79	3.6	2.5	53.07	41.63	0	0	112[illegible]	1	1	0	0	1	0	0.020	0
99	96	7.87	3.64	2.5	52.57	41.64	0	0	[illegible]51	1	1	0	0	1	0	0.020	0
100	97	7.96	3.68	2.5	51.19	39.87	0	0	1150	1	1	0	0	1	0	0.020	0
101	98	8.04	3.78	2.5	48.25	38.67	0	0	1155	1	1	0	0	1	0	0.020	0
102	99	8.12	3.88	2.6	45.12	34.85	0	0	1145	1	1	0	0	1	0	0.020	0
103	100	8.2	3.94	2.6	41.93	32.63	0	0	1085	1	1	0	0	1	0	0.020	0
104	101	8.28	3.84	2.6	39.71	31.38	0	0	924	1	0	0	0	1	0	0.020	0
105	102	8.37	3.73	2.6	37.75	30.06	0	0	782	1	0	0	0	1	0	0.020	0
106	103	8.45	3.69	2.6	35.86	28.46	0	0	700	1	0	0	0	1	0	0.020	0
107	104	8.53	3.77	2.6	33.97	27.18	0	0	688	1	0	0	0	1	0	0.020	0
108	105	8.61	3.86	2.7	32.56	25.65	0	0	692	1	0	0	0	1	0	0.020	0
109	106	8.69	3.85	2.7	32.56	25.15	0	0	687	1	0	0	0	1	0	0.020	0
110	107	8.78	3.64	2.6	34.53	27.38	0	0	633	1	0	0	0	1	0	0.020	0
111	108	8.86	3.42	2.6	36.98	30.98	0	0	585	1	1	0	0	1	0	0.020	0
112	109	8.94	3.15	2.6	38.19	31.76	0	0	487	1	1	0	0	1	0	0.020	0
113	110	9.02	2.88	2.5	37.36	31.18	0	0	374	1	1	1	0	1	0	0.020	0
114	111	9.1	2.48	2.5	35.76	29.77	0	0	246	1	1	1	0	1	0	0.020	0
115	112	9.19	2.32	2.5	34	28.9	0	0	197	1	1	1	0	1	0	0.020	0
116	113	9.27	2.39	2.5	32.36	27.34	0	0	194	1	1	1	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.71	2.6	30.87	25.58	0	0	238	1	1	1	0	1	0	0.020	0
118	115	9.43	2.98	2.6	29.57	24.64	0	0	280	1	0	1	0	1	0	0.020	0
119	116	9.51	3.13	2.6	28.7	23.76	0	0	302	1	0	0	0	1	0	0.020	0
120	117	9.6	3.16	2.7	28.21	23.3	0	0	301	1	0	0	0	1	0	0.020	0
121	118	9.68	3.08	2.7	28.02	23.47	0	0	277	1	0	0	0	1	0	0.020	0
122	119	9.76	2.99	2.6	28.24	23.45	0	0	260	1	0	1	0	1	0	0.020	0
123	120	9.84	2.92	2.6	28.41	24.03	0	0	247	1	0	1	0	1	0	0.020	0
124	121	9.92	2.88	2.6	28.02	24.09	0	0	233	1	0	1	0	1	0	0.020	0
125	122	10.01	2.88	2.6	26.81	22.67	0	0	215	1	0	1	0	1	0	0.020	0
126	123	10.09	2.88	2.7	25.19	21.14	0	0	191	1	0	1	0	1	0	0.020	0
127	124	10.17	2.83	2.7	23.84	20.13	0	0	163	1	0	1	0	1	0	0.020	0
128	125	10.25	2.6	2.7	23.42	19.41	0	0	128	1	0	1	0	1	0	0.020	0
129	126	10.33	2.42	2.7	22.44	20.43	0	0	100	1	0	1	0	1	0	0.020	0
130	127	10.42	2.35	2.7	21.77	18.01	0	0	87	1	0	1	0	1	0	0.020	0
131	128	10.5	2.5	2.7	20.71	17.92	0	0	88	1	0	1	0	1	0	0.020	0
132	129	10.58	2.53	2.7	20.63	17.67	0	0	90	1	0	1	0	1	0	0.020	0
133	130	10.66	2.4	2.7	20.71	17.84	0	0	81	1	0	1	0	1	0	0.020	0
134	131	10.74	2.21	2.7	20.93	18.34	0	0	70	1	0	1	1	1	0	0.020	0
135	132	10.83	2.13	2.7	20.85	18.56	0	0	65	1	0	1	1	1	0	0.020	0
136	133	10.91	2.31	2.7	19.08	17.8	0	0	60	1	0	1	1	1	0	0.020	0
137	134	10.99	2.48	2.8	17.76	13.61	0	0	56	1	0	1	1	1	0	0.020	0
138	135	11.07	2.54	2.8	17.14	15.08	0	0	52	1	0	1	1	1	0	0.020	0
139	136	11.15	2.31	2.7	18.11	16.25	0	0	51	1	0	1	1	1	0	0.020	0
140	137	11.24	2.17	2.7	18.63	16.49	0	0	49	1	0	1	1	1	0	0.020	0
141	138	11.32	2.19	2.7	18.79	16.67	0	0	51	1	0	1	1	1	0	0.020	0
142	139	11.4	2.45	2.7	18.25	16.71	0	0	59	1	0	1	1	1	0	0.020	0
143	140	11.48	2.79	2.8	17.29	14.87	0	0	67	1	0	1	1	1	0	0.020	0
144	141	11.56	3.03	2.8	16.14	13.91	0	0	62	1	0	0	1	1	0	0.020	0
145	142	11.65	2.99	2.8	15.48	13.59	0	0	49	1	0	1	1	1	0	0.020	0
146	143	11.73	2.84	2.8	15.11	13.23	0	0	38	1	0	1	1	1	0	0.020	0
147	144	11.81	2.69	2.8	14.95	13.08	0	0	31	1	0	1	1	1	0	0.020	0
148	145	11.89	2.57	2.8	15.08	13.32	0	0	30	1	0	1	1	1	0	0.020	0
149	146	11.97	2.54	2.8	15.37	13.7	0	0	32	1	0	1	1	1	0	0.020	0
150	147	12.06	2.66	2.8	15.55	13.92	0	0	38	1	0	1	1	1	0	0.020	0
151	148	12.14	2.76	2.8	15.6	13.79	0	0	42	1	0	1	1	1	0	0.020	0
152	149	12.22	2.68	2.8	15.31	13.84	0	0	35	1	0	1	1	1	0	0.020	0
153	150	12.3	2.37	2.8	14.75	13.26	0	0	22	1	0	1	1	1	0	0.020	0
154	151	12.38	1.94	2.8	13.82	12.56	0	0	9	1	0	1	1	1	0	0.020	0
155	152	12.47	1.63	2.8	13.29	11.67	0	0	4	1	0	1	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.54	2.7	13.17	12.11	0	0	3	1	0	1	1	1	0	0.020	0
157	154	12.63	1.66	2.8	13.44	12.44	0	0	5	1	0	1	1	1	0	0.020	0
158	155	12.71	1.81	2.8	13.79	12.47	0	0	7	1	0	1	1	1	0	0.020	0
159	156	12.8	1.94	2.8	14.58	13.11	0	0	14	1	0	1	1	1	0	0.020	0
160	157	12.88	2.14	2.8	15.53	14.51	0	0	24	1	0	1	1	1	0	0.020	0
161	158	12.96	2.43	2.8	16.5	14.95	0	0	40	1	0	1	1	1	0	0.020	0
162	159	13.04	2.63	2.8	17.41	15.56	0	0	59	1	0	1	1	1	0	0.020	0
163	160	13.12	2.79	2.8	18.5	16.88	0	0	83	1	0	1	0	1	0	0.020	0
164	161	13.21	2.87	2.8	19.72	17.94	0	0	108	1	0	1	0	1	0	0.020	0
165	162	13.29	2.99	2.7	20.69	19	0	0	135	1	0	1	0	1	0	0.020	0
166	163	13.37	3.05	2.7	21.98	19.65	0	0	165	1	0	0	0	1	0	0.020	0
167	164	13.45	3.06	2.7	23.74	21.69	0	0	197	1	0	0	0	1	0	0.020	0
168	165	13.53	3.24	2.7	25.7	24.08	0	0	270	1	0	0	0	1	0	0.020	0
169	166	13.62	3.59	2.7	26.76	25.26	0	0	393	1	0	0	0	1	0	0.020	0
170	167	13.7	3.93	2.7	26.46	24.72	0	0	511	1	0	0	0	1	0	0.020	0
171	168	13.78	4.19	2.8	24.96	23.39	0	0	564	1	0	0	0	1	0	0.020	0
172	169	13.86	4.15	2.8	23.48	21.32	0	0	481	1	0	0	0	1	0	0.020	0
173	170	13.94	3.49	2.7	25.04	20.9	0	0	418	1	0	0	0	1	0	0.020	0
174	171	14.03	2.33	2.5	32.38	28.05	0	0	84	1	1	1	0	1	0	0.020	0
175	172	14.11	1.45	2.3	44.65	42.51	0	0	113	1	1	1	0	1	0	0.020	0
176	173	14.19	1	2.1	59	57.1	0	0	125	1	1	1	0	1	0	0.020	0
177	174	14.27	0.8	2.0	71.09	71.29	0	0	130	1	1	1	0	1	0	0.020	0
178	175	14.35	0.68	1.9	79.46	79.77	0	0	132	1	1	1	0	1	0	0.020	0
179	176	14.44	0.64	1.9	83.1	83.6	0	0	134	1	1	1	0	1	0	0.020	0
180	177	14.52	0.64	1.9	82.76	83.22	0	0	133	1	1	1	0	1	0	0.020	0
181	178	14.6	0.73	1.9	79.02	78.78	0	0	138	1	1	1	0	1	0	0.020	0
182	179	14.68	0.91	2.0	72.55	71.3	0	0	148	1	1	1	0	1	0	0.020	0
183	180	14.76	1.2	2.1	64.11	62.51	0	0	168	1	1	1	0	1	0	0.020	0
184	181	14.85	1.63	2.3	53.94	52.66	0	0	202	1	1	1	0	1	0	0.020	0
185	182	14.93	2.24	2.4	43.78	40.82	0	0	267	1	1	1	0	1	0	0.020	0
186	183	15.01	2.91	2.6	35.5	32.7	0	0	355	1	1	1	0	1	0	0.020	0
187	184	15.09	3.32	2.6	30.73	28.75	0	0	400	1	0	0	0	1	0	0.020	0
188	185	15.17	3.58	2.7	27.34	27.24	0	0	406	1	0	0	0	1	0	0.020	0
189	186	15.26	3.89	2.8	24.41	23.13	0	0	421	1	0	0	0	1	0	0.020	0
190	187	15.34	4.21	2.8	21.9	20.48	0	0	432	1	0	0	0	1	0	0.020	0
191	188	15.42	4.19	2.8	20.51	20.14	0	0	363	1	0	0	0	1	0	0.020	0
192	189	15.5	3.95	2.8	19.96	19.28	0	0	277	1	0	0	0	1	0	0.020	0
193	190	15.58	3.48	2.8	19.5	19	0	0	176	1	0	0	0	1	0	0.020	0
194	191	15.67	3.1	2.8	19.15	19.02	0	0	121	1	0	0	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.72	2.8	18.71	18.44	0	0	81	1	0	1	0	1	0	0.020	0
196	193	15.83	2.65	2.8	18.24	17.93	0	0	71	1	0	1	1	1	0	0.020	0
197	194	15.91	2.73	2.8	17.93	17.75	0	0	72	1	0	1	1	1	0	0.020	0
198	195	15.99	2.9	2.8	17.74	17.59	0	0	80	1	0	1	0	1	0	0.020	0
199	196	16.08	3.04	2.8	17.63	17.42	0	0	89	1	0	0	0	1	0	0.020	0
200	197	16.16	3.16	2.8	17.54	17.46	0	0	96	1	0	0	0	1	0	0.020	0
201	198	16.24	3.27	2.8	17.47	17.34	0	0	104	1	0	0	0	1	0	0.020	0
202	199	16.32	3.4	2.8	17.19	17.22	0	0	110	1	0	0	0	1	0	0.020	0
203	200	16.4	3.48	2.9	16.79	16.7	0	0	108	1	0	0	0	1	0	0.020	0
204	201	16.49	3.56	2.9	16.29	16.26	0	0	102	1	0	0	0	1	0	0.020	0
205	202	16.57	3.59	2.9	15.78	15.81	0	0	90	1	0	0	0	1	0	0.020	0
206	203	16.65	3.54	2.9	15.41	15.28	0	0	77	1	0	0	1	1	0	0.020	0
207	204	16.73	3.49	2.9	15.09	15.23	0	0	66	1	0	0	1	1	0	0.020	0
208	205	16.81	3.45	2.9	14.79	14.99	0	0	56	1	0	0	1	1	0	0.020	0
209	206	16.9	3.49	2.9	14.52	14.51	0	0	51	1	0	0	1	1	0	0.020	0
210	207	16.98	3.5	2.9	14.36	14.51	0	0	48	1	0	0	1	1	0	0.020	0
211	208	17.06	3.52	2.9	14.34	14.57	0	0	48	1	0	0	1	1	0	0.020	0
212	209	17.14	3.47	2.9	14.18	14.5	0	0	42	1	0	0	1	1	0	0.020	0
213	210	17.22	3.44	2.9	14	14.16	0	0	36	1	0	0	1	1	0	0.020	0
214	211	17.31	3.56	2.9	13.86	14.09	0	0	37	1	0	0	1	1	0	0.020	0
215	212	17.39	3.78	2.9	13.99	14.15	0	0	48	1	0	0	1	1	0	0.020	0
216	213	17.47	4.01	3.0	14.33	14.58	0	0	71	1	0	0	1	1	0	0.020	0
217	214	17.55	4.06	2.9	14.72	15.15	0	0	90	1	0	0	0	1	0	0.020	0
218	215	17.63	4.15	2.9	14.99	15.51	0	0	109	1	0	0	0	1	0	0.020	0
219	216	17.72	4.34	3.0	15.23	15.61	0	0	140	1	0	0	0	1	0	0.020	0
220	217	17.8	4.47	3.0	15.41	16.04	0	0	165	1	0	0	0	1	0	0.020	0
221	218	17.88	4.54	3.0	15.39	16.19	0	0	174	1	0	0	0	1	0	0.020	0
222	219	17.96	4.57	3.0	15.16	15.64	0	0	164	1	0	0	0	1	0	0.020	0
223	220	18.04	4.75	3.0	14.88	15.49	0	0	169	1	0	0	0	1	0	0.020	0
224	221	18.13	4.92	3.0	14.63	15.44	0	0	173	1	0	0	0	1	0	0.020	0
225	222	18.21	5.12	3.0	14.26	15.01	0	0	167	1	0	0	0	1	0	0.020	0
226	223	18.29	5.36	3.0	13.62	14.51	0	0	128	1	0	0	0	1	0	0.020	0
227	224	18.37	5.46	3.1	13.01	13.73	0	0	63	1	0	0	1	1	0	0.020	0
228	225	18.45	5.52	3.1	12.43	13.34	0	0	-9	1	0	0	1	1	0	0.020	0
229	226	18.54	5.34	3.1	12.04	12.88	0	0	-52	1	0	0	1	1	0	0.020	0
230	227	18.62	5.16	3.1	11.68	12.64	0	0	-80	1	0	0	1	1	0	0.020	0
231	228	18.7	4.8	3.1	11.56	12.28	0	0	-69	1	0	0	1	1	0	0.020	0
232	229	18.78	4.28	3.0	11.57	12.57	0	0	-45	1	0	0	1	1	0	0.020	0
233	230	18.86	3.58	3.0	11.74	12.67	0	0	-21	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.9	2.9	11.87	12.8	0	0	-10	1	0	1	1	1	0	0.020	0
235	232	19.03	2.41	2.9	12.02	12.98	0	0	-5	1	0	1	1	1	0	0.020	0
236	233	19.11	2.32	2.9	12.16	13.17	0	0	-3	1	0	1	1	1	0	0.020	0
237	234	19.19	2.46	2.9	12.32	13.29	0	0	-2	1	0	1	1	1	0	0.020	0
238	235	19.27	2.8	2.9	12.44	13.46	0	0	-1	1	0	1	1	1	0	0.020	0
239	236	19.36	3.22	2.9	12.68	13.58	0	0	4	1	0	0	1	1	0	0.020	0
240	237	19.44	3.51	2.9	12.98	13.98	0	0	12	1	0	0	1	1	0	0.020	0
241	238	19.52	3.79	3.0	13.22	14.42	0	0	23	1	0	0	1	1	0	0.020	0
242	239	19.6	3.9	3.0	13.28	14.35	0	0	28	1	0	0	1	1	0	0.020	0
243	240	19.68	3.97	3.0	13.29	14.3	0	0	30	1	0	0	1	1	0	0.020	0
244	241	19.77	3.89	3.0	13.5	14.47	0	0	35	1	0	0	1	1	0	0.020	0
245	242	19.85	3.8	2.9	13.79	14.98	0	0	42	1	0	0	1	1	0	0.020	0
246	243	19.93	3.75	2.9	14.03	15.17	0	0	48	1	0	0	1	1	0	0.020	0
247	244	20.01	3.77	2.9	14.04	15.26	0	0	49	1	0	0	1	1	0	0.020	0
248	245	20.09	3.88	3.0	13.88	15.11	0	0	48	1	0	0	1	1	0	0.020	0
249	246	20.18	4.04	3.0	13.56	14.79	0	0	42	1	0	0	1	1	0	0.020	0
250	247	20.26	4.15	3.0	13.39	14.36	0	0	39	1	0	0	1	1	0	0.020	0
251	248	20.34	4.09	3.0	13.32	14.63	0	0	34	1	0	0	1	1	0	0.020	0
252	249	20.42	3.97	3.0	13.35	14.64	0	0	32	1	0	0	1	1	0	0.020	0
253	250	20.5	4.02	3.0	13.24	14.54	0	0	29	1	0	0	1	1	0	0.020	0
254	251	20.59	4.06	3.0	13.04	14.4	0	0	22	1	0	0	1	1	0	0.020	0
255	252	20.67	4.08	3.0	12.9	14.07	0	0	17	1	0	0	1	1	0	0.020	0
256	253	20.75	4	3.0	13.19	14.15	0	0	27	1	0	0	1	1	0	0.020	0
257	254	20.83	4.02	3.0	14.25	15.33	0	0	69	1	0	0	1	1	0	0.020	0
258	255	20.92	4.09	2.9	15.95	17.46	0	0	144	1	0	0	0	1	0	0.020	0
259	256	21	4.18	2.9	17.53	19.75	0	0	226	1	0	0	0	1	0	0.020	0
260	257	21.08	4.4	2.9	18.08	20.77	0	0	299	1	0	0	0	1	0	0.020	0
261	258	21.16	4.69	2.9	17.79	19.75	0	0	358	1	0	0	0	1	0	0.020	0
262	259	21.24	4.98	2.9	17.23	19.23	0	0	403	1	0	0	0	1	0	0.020	0
263	260	21.33	5.17	3.0	16.74	19.2	0	0	419	1	0	0	0	1	0	0.020	0
264	261	21.41	5.31	3.0	15.73	18.26	0	0	356	1	0	0	0	1	0	0.020	0
265	262	21.49	5.43	3.0	14.03	16.01	0	0	185	1	0	0	0	1	0	0.020	0
266	263	21.57	5.34	3.1	12.19	13.78	0	0	-35	1	0	0	1	1	0	0.020	0
267	264	21.65	5.08	3.1	10.68	12.38	0	0	-168	1	0	0	1	1	0	0.020	0
268	265	21.74	4.61	3.1	9.62	11.12	0	0	-183	1	0	0	1	1	0	0.020	0
269	266	21.82	4.03	3.1	8.94	10.26	0	0	-141	1	0	0	1	1	0	0.020	0
270	267	21.9	3.32	3.1	8.7	10.09	0	0	-83	1	0	0	1	1	0	0.020	0
271	268	21.98	2.83	3.0	8.67	10.32	0	0	-55	1	0	1	1	1	0	0.020	0
272	269	22.06	2.64	3.0	8.52	10.12	0	0	-48	1	0	1	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.68	3.0	8.22	9.6	0	0	-54	1	0	1	1	1	0	0.020	0
274	271	22.23	2.68	3.1	7.94	9.33	0	0	-58	1	0	1	1	1	0	0.020	0
275	272	22.31	2.58	3.1	7.75	9.2	0	0	-55	1	0	1	1	1	0	0.020	0
276	273	22.39	2.31	3.0	7.67	8.94	0	0	-44	1	0	1	1	1	0	0.020	0
277	274	22.47	2.15	3.0	7.69	9.04	0	0	-38	1	0	1	1	1	0	0.020	0
278	275	22.56	2.07	3.0	7.78	9.26	0	0	-35	1	0	1	1	1	0	0.020	0
279	276	22.64	2.14	3.0	7.74	9.36	0	0	-37	1	0	1	1	1	0	0.020	0
280	277	22.72	2.29	3.0	7.62	8.97	0	0	-44	1	0	1	1	1	0	0.020	0
281	278	22.8	2.58	3.1	7.25	8.92	0	0	-61	1	0	1	1	1	0	0.020	0
282	279	22.88	2.81	3.1	6.99	8.08	0	0	-78	1	0	1	1	1	0	0.020	0
283	280	22.97	2.85	3.1	6.74	8.05	0	0	-84	1	0	1	1	1	0	0.020	0
284	281	23.05	2.78	3.1	6.79	8.01	0	0	-79	1	0	1	1	1	0	0.020	0
285	282	23.13	2.69	3.1	6.87	8.21	0	0	-72	1	0	1	1	1	0	0.020	0
286	283	23.21	2.66	3.1	6.92	8.3	0	0	-69	1	0	1	1	1	0	0.020	0
287	284	23.29	2.56	3.1	6.99	8.17	0	0	-63	1	0	1	1	1	0	0.020	0
288	285	23.38	2.46	3.1	7.22	8.52	0	0	-55	1	0	1	1	1	0	0.020	0
289	286	23.46	2.56	3.1	7.61	9.1	0	0	-55	1	0	1	1	1	0	0.020	0
290	287	23.54	2.77	3.1	7.78	9.51	0	0	-64	1	0	1	1	1	0	0.020	0
291	288	23.62	2.97	3.1	7.58	9.2	0	0	-80	1	0	1	1	1	0	0.020	0
292	289	23.7	3.14	3.1	7.09	8.62	0	0	-102	1	0	0	1	1	0	0.020	0
293	290	23.79	3.04	3.2	6.66	8.09	0	0	-101	1	0	0	1	1	0	0.020	0
294	291	23.87	2.98	3.2	6.35	7.84	0	0	-101	1	0	1	1	1	0	0.020	0
295	292	23.95	2.6	3.1	6.39	7.61	0	0	-72	1	0	1	1	1	0	0.020	0
296	293	24.03	2.42	3.1	6.53	8.11	0	0	-60	1	0	1	1	1	0	0.020	0
297	294	24.11	2.54	3.1	6.49	8.28	0	0	-67	1	0	1	1	1	0	0.020	0
298	295	24.2	3.07	3.2	6.24	7.54	0	0	-111	1	0	0	1	1	0	0.020	0
299	296	24.28	3.47	3.2	6.38	7.35	0	0	-152	1	0	0	1	1	0	0.020	0
300	297	24.36	3.07	3.1	7.36	8.72	0	0	-91	1	0	0	1	1	0	0.020	0
301	298	24.44	2.65	3.0	8.15	10.77	0	0	-53	1	0	1	1	1	0	0.020	0
302	299	24.52	2.63	3.0	8.06	10.22	0	0	-54	1	0	1	1	1	0	0.020	0
303	300	24.61	3.22	3.1	7.2	8.74	0	0	-107	1	0	0	1	1	0	0.020	0
304	301	24.69	3.91	3.2	6.58	8.13	0	0	-213	1	0	0	1	1	0	0.020	0
305	302	24.77	3.9	3.2	7.61	8.05	0	0	-174	1	0	0	1	1	0	0.020	0
306	303	24.85	3.37	3.0	10.51	12.02	0	0	-46	1	0	0	1	1	0	0.020	0
307	304	24.93	3.14	2.9	14.13	17.98	0	0	31	1	0	0	1	1	0	0.020	0
308	305	25.02	3.13	2.8	17.02	20.75	0	0	84	1	0	0	0	1	0	0.020	0
309	306	25.1	3.42	2.8	18.5	22.43	0	0	143	1	0	0	0	1	0	0.020	0
310	307	25.18	3.73	2.8	18.87	23.56	0	0	197	1	0	0	0	1	0	0.020	0
311	308	25.26	4.22	2.9	18.03	22.4	0	0	256	1	0	0	0	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	4.56	2.9	16.7	19.68	0	0	256	1	0	0	0	1	0	0.020	0
313	310	25.43	4.42	2.9	16.53	18.94	0	0	220	1	0	0	0	1	0	0.020	0
314	311	25.51	3.67	2.8	18.34	21.84	0	0	172	1	0	0	0	1	0	0.020	0
315	312	25.59	2.96	2.7	21.05	25.96	0	0	138	1	0	1	0	1	0	0.020	0
316	313	25.67	2.6	2.7	22.15	27.6	0	0	113	1	0	1	0	1	0	0.020	0
317	314	25.75	2.71	2.7	21.04	25.31	0	0	111	1	0	1	0	1	0	0.020	0
318	315	25.84	3.19	2.8	19.42	22.53	0	0	136	1	0	0	0	1	0	0.020	0
319	316	25.92	3.9	2.9	18.56	22.54	0	0	216	1	0	0	0	1	0	0.020	0
320	317	26	4.37	2.9	18.74	22.61	0	0	327	1	0	0	0	1	0	0.020	0
321	318	26.08	4.88	2.9	18.27	23.02	0	0	454	1	0	0	0	1	0	0.020	0
322	319	26.16	5.4	3.0	17.39	20.93	0	0	577	1	0	0	0	1	0	0.020	0
323	320	26.25	5.76	3.0	16.26	19.71	0	0	584	1	0	0	0	1	0	0.020	0
324	321	26.33	5.87	3.0	15.27	19.19	0	0	468	1	0	0	0	1	0	0.020	0
325	322	26.41	5.62	3.0	14.41	17.52	0	0	267	1	0	0	0	1	0	0.020	0
326	323	26.49	5.2	3.0	14.02	16.69	0	0	154	1	0	0	0	1	0	0.020	0
327	324	26.57	4.4	3.0	14.76	17.85	0	0	121	1	0	0	0	1	0	0.020	0
328	325	26.66	3.78	2.9	16.01	20.16	0	0	113	1	0	0	0	1	0	0.020	0
329	326	26.74	3.57	2.9	16.99	21.17	0	0	[illegible]	1	0	0	0	1	0	0.020	0
330	327	26.82	3.68	2.9	16.85	21.45	0	0	29	1	0	0	0	1	0	0.020	0
331	328	26.9	4	2.9	15.43	19.78	0	0	[illegible]	1	0	0	0	1	0	0.020	0
332	329	26.98	4.39	3.0	13.6	16.24	0	0	5[illegible]	1	0	0	1	1	0	0.020	0
333	330	27.07	4.83	3.1	12.26	14.99	0	0	18	1	0	0	1	1	0	0.020	0
334	331	27.15	4.81	3.1	12.06	15.03	0	0	-33	1	0	0	1	1	0	0.020	0
335	332	27.23	4.49	3.0	11.7	15.55	0	0	-46	1	0	0	1	1	0	0.020	0
336	333	27.31	4.21	3.1	10.68	13.75	0	0	-84	1	0	0	1	1	0	0.020	0
337	334	27.39	4.19	3.1	9.01	11.45	0	0	-158	1	0	0	1	1	0	0.020	0
338	335	27.48	4.5	3.2	7.49	9.69	0	0	-291	1	0	0	1	1	0	0.020	0
339	336	27.56	4.61	3.3	6.59	8.38	0	0	-375	1	0	0	1	1	0	0.020	0
340	337	27.64	4.62	3.3	6.14	8.26	0	0	-407	1	0	0	1	1	0	0.020	0
341	338	27.72	4.41	3.3	6.06	8.07	0	0	-348	1	0	0	1	1	0	0.020	0
342	339	27.8	4.18	3.3	6.06	8.08	0	0	-289	1	0	0	1	1	0	0.020	0
343	340	27.89	3.99	3.3	6.03	8.22	0	0	-249	1	0	0	1	1	0	0.020	0
344	341	27.97	4.01	3.3	5.91	7.97	0	0	-257	1	0	0	1	1	0	0.020	0
345	342	28.05	4.29	3.3	5.6	7.62	0	0	-339	1	0	0	1	1	0	0.020	0
346	343	28.13	4.89	3.3	5.45	7.15	0	0	-559	1	0	0	1	1	0	0.020	0
347	344	28.21	5.28	3.3	5.85	7.44	0	0	-716	1	0	0	1	1	0	0.020	0
348	345	28.3	4.99	3.3	7.03	9	0	0	-469	1	0	0	1	1	0	0.020	0
349	346	28.38	4.73	3.2	8.33	11.25	0	0	-291	1	0	0	1	1	0	0.020	0
350	347	28.46	4.95	3.2	9.21	12.12	0	0	-274	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	5.58	3.2	9.64	12.25	0	0	-388	1	0	0	1	1	0	0.020	0
352	349	28.63	5.77	3.2	10.3	12.96	0	0	-345	1	0	0	1	1	0	0.020	0
353	350	28.71	4.88	3.1	12.26	14.55	0	0	-19	1	0	0	1	1	0	0.020	0
354	351	28.79	3.65	2.9	15.33	19.32	0	0	82	1	0	0	0	1	0	0.020	0
355	352	28.87	2.68	2.7	19.15	24.09	0	0	84	1	0	1	0	1	0	0.020	0
356	353	28.95	2.32	2.7	22.45	27.64	0	0	91	1	0	1	0	1	0	0.020	0
357	354	29.04	2.28	2.6	24.65	30.32	0	0	107	1	0	1	0	1	0	0.020	0
358	355	29.12	2.42	2.6	26.09	31.62	0	0	136	1	0	1	0	1	0	0.020	0
359	356	29.2	2.23	2.6	27.84	32.87	0	0	130	1	1	1	0	1	0	0.020	0
360	357	29.28	1.83	2.5	29.54	36.06	0	0	100	1	1	1	0	1	0	0.020	0
361	358	29.36	1.42	2.4	30.62	36.62	0	0	73	1	1	1	1	1	0	0.020	0
362	359	29.45	1.22	2.4	30.11	35.51	0	0	59	1	1	1	1	1	0	0.020	0
363	360	29.53	1.47	2.5	26.98	33.85	0	0	61	1	1	1	1	1	0	0.020	0
364	361	29.61	1.93	2.6	23.15	26.94	0	0	69	1	1	1	1	1	0	0.020	0
365	362	29.69	2.82	2.8	18.51	23.68	0	0	86	1	0	1	0	1	0	0.020	0
366	363	29.77	3.76	2.9	14.88	19.14	0	0	76	1	0	0	1	1	0	0.020	0
367	364	29.86	5.09	3.1	11.82	14.37	0	0	-63	1	0	0	1	1	0	0.020	0
368	365	29.94	5.39	3.1	11.12	12.57	0	0	[illegible]	1	0	0	1	1	0	0.020	0
369	366	30.02	4.01	3.0	14.12	16.59	0	0	63	1	0	0	1	1	0	0.020	0
370	367	30.1	2.39	2.7	21.35	25.37	0	0	[illegible]	1	0	1	0	1	0	0.020	0
371	368	30.18	1.64	2.5	29.41	37.53	0	0	83	1	1	1	0	1	0	0.020	0
372	369	30.27	1.37	2.4	35.11	42.67	0	0	87	1	1	1	0	1	0	0.020	0
373	370	30.35	1.31	2.3	36.48	43.63	0	0	87	1	1	1	0	1	0	0.020	0
374	371	30.43	1.38	2.4	35.33	41.95	0	0	88	1	1	1	0	1	0	0.020	0
375	372	30.51	1.59	2.4	32.78	39.18	0	0	95	1	1	1	0	1	0	0.020	0
376	373	30.59	1.98	2.5	29.82	35.88	0	0	117	1	1	1	0	1	0	0.020	0
377	374	30.68	2.51	2.6	26.63	33.05	0	0	153	1	0	1	0	1	0	0.020	0
378	375	30.76	3.06	2.7	23.63	29.35	0	0	195	1	0	0	0	1	0	0.020	0
379	376	30.84	3.76	2.8	19.83	26.36	0	0	233	1	0	0	0	1	0	0.020	0
380	377	30.92	4.59	3.0	15.76	20.47	0	0	204	1	0	0	0	1	0	0.020	0
381	378	31	5.53	3.1	11.54	14.36	0	0	-125	1	0	0	1	1	0	0.020	0
382	379	31.09	6.2	3.3	8.38	10.8	0	0	-891	1	0	0	1	1	0	0.020	0
383	380	31.17	6.13	3.3	6.72	8.88	0	0	-1187	1	0	0	1	1	0	0.020	0
384	381	31.25	5.73	3.4	5.8	8.35	0	0	-1018	1	0	0	1	1	0	0.020	0
385	382	31.33	5.31	3.4	5.22	7.5	0	0	-802	1	0	0	1	1	0	0.020	0
386	383	31.41	4.7	3.4	4.77	6.8	0	0	-528	1	0	0	1	1	0	0.020	0
387	384	31.5	4.16	3.4	4.56	6.74	0	0	-351	1	0	0	1	1	0	0.020	0
388	385	31.58	3.81	3.3	4.6	6.78	0	0	-262	1	0	0	1	1	0	0.020	0
389	386	31.66	3.85	3.3	4.75	6.94	0	0	-265	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	4.2	3.3	4.93	7.28	0	0	-345	1	0	0	1	1	0	0.020	0
391	388	31.82	4.64	3.4	4.99	7.44	0	0	-489	1	0	0	1	1	0	0.020	0
392	389	31.91	4.88	3.4	4.87	7.16	0	0	-601	1	0	0	1	1	0	0.020	0
393	390	31.99	4.8	3.4	4.64	6.89	0	0	-581	1	0	0	1	1	0	0.020	0
394	391	32.07	4.42	3.4	4.38	6.63	0	0	-443	1	0	0	1	1	0	0.020	0
395	392	32.15	4.27	3.4	4.1	6.23	0	0	-406	1	0	0	1	1	0	0.020	0
396	393	32.23	4.48	3.4	3.78	5.91	0	0	-499	1	0	0	1	1	0	0.020	0
397	394	32.32	5.02	3.5	3.56	5.49	0	0	-786	1	0	0	1	1	0	0.020	0
398	395	32.4	5.8	3.6	3.35	5.42	0	0	-1466	1	0	0	1	1	0	0.020	0
399	396	32.48	6.54	3.6	3.22	5.16	0	0	-2580	1	0	0	1	1	0	0.020	0
400	397	32.56	7.18	3.6	3.06	5.02	0	0	-4167	1	0	0	1	1	0	0.020	0
401	398	32.64	7.49	3.7	2.94	4.88	0	0	-5256	1	0	0	1	1	0	0.020	0
402	399	32.73	7.57	3.7	2.83	4.74	0	0	-5624	1	0	0	1	1	0	0.020	0
403	400	32.81	7.52	3.7	2.72	4.62	0	0	-5492	1	0	0	1	1	0	0.020	0
404	401	32.89	7.15	3.7	2.65	4.51	0	0	-4256	1	0	0	1	1	0	0.020	0
405	402	32.97	6.55	3.7	2.66	4.49	0	0	-2755	1	0	0	1	1	0	0.020	0
406	403	33.05	5.82	3.6	2.76	4.66	0	0	-1584	1	0	0	1	1	0	0.020	0
407	404	33.14	5.39	3.6	2.9	4.88	0	0	-[illegible]35	1	0	0	1	1	0	0.020	0
408	405	33.22	5.2	3.6	3.04	4.99	0	0	-[illegible]57	1	0	0	1	1	0	0.020	0
409	406	33.3	5.25	3.6	3.18	5.15	0	0	-9[illegible]0	1	0	0	1	1	0	0.020	0
410	407	33.38	5.31	3.5	3.34	5.38	0	0	-1009	1	0	0	1	1	0	0.020	0
411	408	33.46	5.34	3.5	3.53	5.61	0	0	-[illegible]11	1	0	0	1	1	0	0.020	0
412	409	33.55	5.39	3.5	3.72	5.85	0	0	-1029	1	0	0	1	1	0	0.020	0
413	410	33.63	5.42	3.5	3.89	6.09	0	0	-1032	1	0	0	1	1	0	0.020	0
414	411	33.71	5.51	3.5	4.02	6.22	0	0	-1089	1	0	0	1	1	0	0.020	0
415	412	33.79	5.59	3.5	4.13	6.34	0	0	-1143	1	0	0	1	1	0	0.020	0
416	413	33.87	5.78	3.5	4.21	6.49	0	0	-1308	1	0	0	1	1	0	0.020	0
417	414	33.96	5.91	3.5	4.27	6.51	0	0	-1433	1	0	0	1	1	0	0.020	0
418	415	34.04	6	3.5	4.3	6.59	0	0	-1527	1	0	0	1	1	0	0.020	0
419	416	34.12	6	3.5	4.32	6.59	0	0	-1524	1	0	0	1	1	0	0.020	0
420	417	34.2	6.03	3.5	4.31	6.6	0	0	-1560	1	0	0	1	1	0	0.020	0
421	418	34.28	5.95	3.5	4.31	6.58	0	0	-1469	1	0	0	1	1	0	0.020	0
422	419	34.37	5.73	3.5	4.31	6.6	0	0	-1244	1	0	0	1	1	0	0.020	0
423	420	34.45	5.47	3.5	4.27	6.58	0	0	-1025	1	0	0	1	1	0	0.020	0
424	421	34.53	5.41	3.5	4.2	6.45	0	0	-987	1	0	0	1	1	0	0.020	0
425	422	34.61	5.4	3.5	4.14	6.38	0	0	-987	1	0	0	1	1	0	0.020	0
426	423	34.69	5.33	3.5	4.15	6.36	0	0	-934	1	0	0	1	1	0	0.020	0
427	424	34.78	5.16	3.4	4.19	6.48	0	0	-815	1	0	0	1	1	0	0.020	0
428	425	34.86	5.2	3.4	4.22	6.53	0	0	-837	1	0	0	1	1	0	0.020	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	5.31	3.4	4.26	6.48	0	0	-908	1	0	0	1	1	0	0.020	0
430	427	35.02	5.41	3.4	4.29	6.6	0	0	-977	1	0	0	1	1	0	0.020	0
431	428	35.1	5.28	3.4	4.39	6.66	0	0	-873	1	0	0	1	1	0	0.020	0
432	429	35.19	5.2	3.4	4.49	6.85	0	0	-810	1	0	0	1	1	0	0.020	0
433	430	35.27	4.98	3.4	4.58	6.98	0	0	-674	1	0	0	1	1	0	0.020	0
434	431	35.35	4.72	3.4	4.62	7.01	0	0	-546	1	0	0	1	1	0	0.020	0
435	432	35.43	4.27	3.4	4.6	6.99	0	0	-382	1	0	0	1	1	0	0.020	0
436	433	35.51	4.15	3.4	4.56	6.92	0	0	-348	1	0	0	1	1	0	0.020	0
437	434	35.6	4.22	3.4	4.51	6.88	0	0	-371	1	0	0	1	1	0	0.020	0
438	435	35.68	4.42	3.4	4.45	6.79	0	0	-439	1	0	0	1	1	0	0.020	0
439	436	35.76	4.42	3.4	4.38	6.69	0	0	-443	1	0	0	1	1	0	0.020	0
440	437	35.84	4.28	3.4	4.3	6.58	0	0	-399	1	0	0	1	1	0	0.020	0
441	438	35.92	4.09	3.4	4.21	6.46	0	0	-346	1	0	0	1	1	0	0.020	0
442	439	36.01	3.95	3.4	4.17	6.32	0	0	-310	1	0	0	1	1	0	0.020	0
443	440	36.09	3.92	3.4	4.25	6.37	0	0	-299	1	0	0	1	1	0	0.020	0
444	441	36.17	4	3.4	4.48	6.71	0	0	-311	1	0	0	1	1	0	0.020	0
445	442	36.25	4.16	3.3	4.75	7.08	0	0	-342	1	0	0	1	1	0	0.020	0
446	443	36.33	4.46	3.4	4.9	7.29	0	0	-[illegible]	1	0	0	1	1	0	0.020	0
447	444	36.42	4.8	3.4	4.94	7.25	0	0	-[illegible]59	1	0	0	1	1	0	0.020	0
448	445	36.5	5.08	3.4	4.92	7.24	0	0	-6[illegible]8	1	0	0	1	1	0	0.020	0
449	446	36.58	5.17	3.4	4.92	7.22	0	0	-749	1	0	0	1	1	0	0.020	0
450	447	36.66	5.1	3.4	4.93	7.21	0	0	-[illegible]08	1	0	0	1	1	0	0.020	0
451	448	36.74	4.92	3.4	4.98	7.26	0	0	-611	1	0	0	1	1	0	0.020	0
452	449	36.83	5.15	3.4	5.11	7.38	0	0	-719	1	0	0	1	1	0	0.020	0
453	450	36.91	5.57	3.4	5.67	7.61	0	0	-919	1	0	0	1	1	0	0.020	0
454	451	36.99	5.6	3.3	7.22	9.27	0	0	-727	1	0	0	1	1	0	0.020	0
455	452	37.07	4.76	3.1	10.19	13.11	0	0	-165	1	0	0	1	1	0	0.020	0
456	453	37.16	3.78	2.9	14.39	18.96	0	0	61	1	0	0	1	1	0	0.020	0
457	454	37.24	2.99	2.8	18.81	25.89	0	0	104	1	0	1	0	1	0	0.020	0
458	455	37.32	2.37	2.6	23.09	30.41	0	0	102	1	0	1	0	1	0	0.020	0
459	456	37.4	1.98	2.6	25.18	33.83	0.01	0.35	85	1	0	1	0	1	0	0.020	0
460	457	37.48	1.9	2.6	24.97	32.53	0.01	0.37	78	1	0	1	1	1	0	0.010	0
461	458	37.57	2.22	2.6	22.83	29.51	0	0	87	1	0	1	0	1	0	0.000	0
462	459	37.65	2.85	2.7	19.94	26.99	0	0	109	1	0	1	0	1	0	0.000	0
463	460	37.73	3.72	2.9	16.57	23.24	0	0	125	1	0	0	0	1	0	0.000	0
464	461	37.81	4.86	3.0	12.83	17.29	0	0	26	1	0	0	1	1	0	0.000	0
465	462	37.89	6.42	3.2	9.65	12.49	0	0	-725	1	0	0	1	1	0	0.000	0
466	463	37.98	7.64	3.3	7.62	10.97	0	0	-2981	1	0	0	1	1	0	0.000	0
467	464	38.06	7.96	3.4	6.57	9.53	0	0	-4524	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	7.44	3.4	5.73	8.56	0	0	-3593	1	0	0	1	1	0	0.000	0
469	466	38.22	6.6	3.4	5.08	7.78	0	0	-2155	1	0	0	1	1	0	0.000	0
470	467	38.3	5.8	3.4	4.58	7.12	0	0	-1269	1	0	0	1	1	0	0.000	0
471	468	38.39	5.06	3.4	4.13	6.66	0	0	-759	1	0	0	1	1	0	0.000	0
472	469	38.47	4.58	3.5	3.79	6.11	0	0	-540	1	0	0	1	1	0	0.000	0
473	470	38.55	4.32	3.5	3.61	5.83	0	0	-447	1	0	0	1	1	0	0.000	0
474	471	38.63	4.22	3.4	3.65	5.98	0	0	-410	1	0	0	1	1	0	0.000	0
475	472	38.71	4.05	3.4	3.8	6.26	0	0	-351	1	0	0	1	1	0	0.000	0
476	473	38.8	3.83	3.4	3.89	6.36	0	0	-290	1	0	0	1	1	0	0.000	0
477	474	38.88	3.9	3.4	3.89	6.31	0	0	-307	1	0	0	1	1	0	0.000	0
478	475	38.96	4.18	3.4	3.86	6.25	0	0	-388	1	0	0	1	1	0	0.000	0
479	476	39.04	4.58	3.5	3.83	6.23	0	0	-538	1	0	0	1	1	0	0.000	0
480	477	39.12	4.8	3.5	3.85	6.2	0	0	-639	1	0	0	1	1	0	0.000	0
481	478	39.21	4.82	3.5	3.89	6.3	0	0	-646	1	0	0	1	1	0	0.000	0
482	479	39.29	4.67	3.4	3.92	6.36	0	0	-572	1	0	0	1	1	0	0.000	0
483	480	39.37	4.56	3.4	3.91	6.31	0	0	-524	1	0	0	1	1	0	0.000	0
484	481	39.45	4.51	3.4	3.87	6.26	0	0	-506	1	0	0	1	1	0	0.000	0
485	482	39.53	4.59	3.5	3.8	6.16	0	0	-[illegible]44	1	0	0	1	1	0	0.000	0
486	483	39.62	4.68	3.5	3.73	6.04	0	0	-[illegible]89	1	0	0	1	1	0	0.000	0
487	484	39.7	4.81	3.5	3.66	5.94	0	0	-6[illegible]8	1	0	0	1	1	0	0.000	0
488	485	39.78	4.88	3.5	3.62	5.87	0	0	-699	1	0	0	1	1	0	0.000	0
489	486	39.86	4.85	3.5	3.61	5.84	0	0	-[illegible]83	1	0	0	1	1	0	0.000	0
490	487	39.94	4.78	3.5	3.65	5.83	0	0	-644	1	0	0	1	1	0	0.000	0
491	488	40.03	4.69	3.5	3.71	5.92	0	0	-595	1	0	0	1	1	0	0.000	0
492	489	40.11	4.64	3.5	3.76	5.95	0	0	-569	1	0	0	1	1	0	0.000	0
493	490	40.19	4.58	3.5	3.76	5.89	0	0	-542	1	0	0	1	1	0	0.000	0
494	491	40.27	4.48	3.5	3.71	5.83	0	0	-503	1	0	0	1	1	0	0.000	0
495	492	40.35	4.33	3.5	3.66	5.69	0	0	-448	1	0	0	1	1	0	0.000	0
496	493	40.44	4.14	3.4	3.62	5.65	0	0	-386	1	0	0	1	1	0	0.000	0
497	494	40.52	3.85	3.4	3.61	5.62	0	0	-304	1	0	0	1	1	0	0.000	0
498	495	40.6	3.43	3.4	3.6	5.57	0	0	-214	1	0	0	1	1	0	0.000	0
499	496	40.68	3.08	3.4	3.63	5.54	0	0	-158	1	0	0	1	1	0	0.000	0
500	497	40.76	2.84	3.4	3.71	5.65	0	0	-128	1	0	1	1	1	0	0.000	0
501	498	40.85	2.77	3.3	3.83	5.75	0	0	-118	1	0	1	1	1	0	0.000	0
502	499	40.93	2.84	3.3	4.03	5.88	0	0	-123	1	0	1	1	1	0	0.000	0
503	500	41.01	2.9	3.3	4.44	6.26	0	0	-123	1	0	1	1	1	0	0.000	0
504	501	41.09	3.17	3.2	5.33	7.13	0	0	-138	1	0	0	1	1	0	0.000	0
505	502	41.17	3.17	3.1	7	9.15	0	0	-106	1	0	0	1	1	0	0.000	0
506	503	41.26	3.03	3.1	8.21	12.62	0	0	-73	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2.77	3.0	8.35	12.08	0	0	-57	1	0	1	1	1	0	0.000	0
508	505	41.42	2.53	3.1	7.32	10.41	0	0	-57	1	0	1	1	1	0	0.000	0
509	506	41.5	2.5	3.1	6.27	9.33	0	0	-67	1	0	1	1	1	0	0.000	0
510	507	41.58	2.52	3.2	5.63	8.22	0	0	-75	1	0	1	1	1	0	0.000	0
511	508	41.67	2.47	3.2	5.29	7.65	0	0	-76	1	0	1	1	1	0	0.000	0
512	509	41.75	2.56	3.2	5.23	7.56	0	0	-83	1	0	1	1	1	0	0.000	0
513	510	41.83	2.97	3.2	5.36	7.6	0	0	-116	1	0	1	1	1	0	0.000	0
514	511	41.91	4.02	3.3	5.9	7.83	0	0	-260	1	0	0	1	1	0	0.000	0
515	512	41.99	4.15	3.2	7.55	9.37	0	0	-217	1	0	0	1	1	0	0.000	0
516	513	42.08	3.73	3.1	9.87	13.76	0	0	-81	1	0	0	1	1	0	0.000	0
517	514	42.16	3.36	3.0	11.64	17.06	0	0	-20	1	0	0	1	1	0	0.000	0
518	515	42.24	3.29	3.0	12.08	17.2	0	0	-9	1	0	0	1	1	0	0.000	0
519	516	42.32	3.74	3.0	11.33	16.52	0	0	-37	1	0	0	1	1	0	0.000	0
520	517	42.4	4.39	3.1	10.42	14.71	0	0	-111	1	0	0	1	1	0	0.000	0
521	518	42.49	5.25	3.2	9.26	13.47	0	0	-341	1	0	0	1	1	0	0.000	0
522	519	42.57	5.74	3.3	7.91	11.67	0	0	-703	1	0	0	1	1	0	0.000	0
523	520	42.65	5.59	3.3	6.53	9.35	0	0	-815	1	0	0	1	1	0	0.000	0
524	521	42.73	5.05	3.4	5.25	8.14	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
525	522	42.81	4.47	3.4	4.41	6.72	0	0	-[illegible]59	1	0	0	1	1	0	0.000	0
526	523	42.9	3.99	3.4	3.88	5.93	0	0	-3[illegible]	1	0	0	1	1	0	0.000	0
527	524	42.98	3.47	3.4	3.68	5.73	0	0	-22[illegible]	1	0	0	1	1	0	0.000	0
528	525	43.06	2.94	3.4	3.69	5.61	0	0	-[illegible]39	1	0	1	1	1	0	0.000	0
529	526	43.14	2.61	3.3	3.76	5.7	0	0	-104	1	0	1	1	1	0	0.000	0
530	527	43.22	2.62	3.3	3.9	5.87	0	0	-103	1	0	1	1	1	0	0.000	0
531	528	43.31	2.82	3.3	4.05	6.12	0	0	-120	1	0	1	1	1	0	0.000	0
532	529	43.39	3.04	3.3	4.24	6.29	0	0	-143	1	0	0	1	1	0	0.000	0
533	530	43.47	3.24	3.3	4.43	6.64	0	0	-165	1	0	0	1	1	0	0.000	0
534	531	43.55	3.48	3.3	4.64	6.9	0	0	-197	1	0	0	1	1	0	0.000	0
535	532	43.63	3.79	3.3	4.8	7.21	0	0	-251	1	0	0	1	1	0	0.000	0
536	533	43.72	4.15	3.3	4.97	7.46	0	0	-330	1	0	0	1	1	0	0.000	0
537	534	43.8	4.48	3.3	5.12	7.73	0	0	-422	1	0	0	1	1	0	0.000	0
538	535	43.88	4.83	3.3	5.29	7.95	0	0	-546	1	0	0	1	1	0	0.000	0
539	536	43.96	5.13	3.4	5.47	8.19	0	0	-673	1	0	0	1	1	0	0.000	0
540	537	44.04	5.31	3.3	5.63	8.5	0	0	-757	1	0	0	1	1	0	0.000	0
541	538	44.13	5.31	3.3	5.71	8.62	0	0	-748	1	0	0	1	1	0	0.000	0
542	539	44.21	5.38	3.4	5.65	8.61	0	0	-796	1	0	0	1	1	0	0.000	0
543	540	44.29	5.56	3.4	5.57	8.36	0	0	-925	1	0	0	1	1	0	0.000	0
544	541	44.37	5.76	3.4	5.51	8.29	0	0	-1087	1	0	0	1	1	0	0.000	0
545	542	44.45	5.82	3.4	5.51	8.34	0	0	-1137	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	5.75	3.4	5.52	8.32	0	0	-1077	1	0	0	1	1	0	0.000	0
547	544	44.62	5.75	3.4	5.51	8.38	0	0	-1078	1	0	0	1	1	0	0.000	0
548	545	44.7	5.91	3.4	5.5	8.33	0	0	-1219	1	0	0	1	1	0	0.000	0
549	546	44.78	6.16	3.4	5.52	8.29	0	0	-1465	1	0	0	1	1	0	0.000	0
550	547	44.86	6.33	3.4	5.56	8.43	0	0	-1653	1	0	0	1	1	0	0.000	0
551	548	44.95	6.21	3.4	5.68	8.47	0	0	-1486	1	0	0	1	1	0	0.000	0
552	549	45.03	5.87	3.4	5.79	8.74	0	0	-1133	1	0	0	1	1	0	0.000	0
553	550	45.11	5.43	3.3	5.92	8.87	0	0	-795	1	0	0	1	1	0	0.000	0
554	551	45.19	4.93	3.3	6.03	8.94	0	0	-530	1	0	0	1	1	0	0.000	0
555	552	45.27	4.62	3.3	6.28	9.07	0	0	-398	1	0	0	1	1	0	0.000	0
556	553	45.36	4.68	3.3	6.55	9.7	0	0	-400	1	0	0	1	1	0	0.000	0
557	554	45.44	5.18	3.3	6.92	10.13	0	0	-556	1	0	0	1	1	0	0.000	0
558	555	45.52	5.99	3.3	7.09	10.72	0	0	-1000	1	0	0	1	1	0	0.000	0
559	556	45.6	6.82	3.3	7.23	10.63	0	0	-1796	1	0	0	1	1	0	0.000	0
560	557	45.69	7.67	3.4	7.11	10.78	0	0	-3362	1	0	0	1	1	0	0.000	0
561	558	45.77	8.44	3.4	6.9	10.53	0	0	-5932	1	0	0	1	1	0	0.000	0
562	559	45.85	9.23	3.4	6.58	10.13	0	0	-10618	1	0	0	1	1	0	0.000	0
563	560	45.93	9.78	3.5	6.34	9.72	0	0	-1[illegible]03	1	0	0	1	1	0	0.000	0
564	561	46.01	9.97	3.5	6.25	9.65	0	0	-18[illegible]97	1	0	0	1	1	0	0.000	0
565	562	46.1	9.67	3.5	6.32	9.76	0	0	-147[illegible]0	1	0	0	1	1	0	0.000	0
566	563	46.18	9.3	3.5	6.38	9.94	0	0	-11492	1	0	0	1	1	0	0.000	0
567	564	46.26	8.89	3.4	6.38	9.84	0	0	-[illegible]768	1	0	0	1	1	0	0.000	0
568	565	46.34	8.74	3.4	6.24	9.72	0	0	-8114	1	0	0	1	1	0	0.000	0
569	566	46.42	8.61	3.5	6.03	9.39	0	0	-7686	1	0	0	1	1	0	0.000	0
570	567	46.51	8.56	3.5	5.75	9.04	0	0	-7753	1	0	0	1	1	0	0.000	0
571	568	46.59	8.41	3.5	5.47	8.6	0	0	-7296	1	0	0	1	1	0	0.000	0
572	569	46.67	8.26	3.5	5.16	8.33	0	0	-6880	1	0	0	1	1	0	0.000	0
573	570	46.75	8.05	3.5	4.86	7.82	0	0	-6201	1	0	0	1	1	0	0.000	0
574	571	46.83	7.92	3.5	4.59	7.42	0	0	-5870	1	0	0	1	1	0	0.000	0
575	572	46.92	7.73	3.5	4.4	7.23	0	0	-5268	1	0	0	1	1	0	0.000	0
576	573	47	7.37	3.5	4.28	6.98	0	0	-4152	1	0	0	1	1	0	0.000	0
577	574	47.08	6.87	3.5	4.17	6.84	0	0	-2944	1	0	0	1	1	0	0.000	0
578	575	47.16	6.11	3.5	4.1	6.71	0	0	-1699	1	0	0	1	1	0	0.000	0
579	576	47.24	5.55	3.5	4.01	6.65	0	0	-1125	1	0	0	1	1	0	0.000	0
580	577	47.33	4.98	3.5	3.95	6.42	0	0	-728	1	0	0	1	1	0	0.000	0
581	578	47.41	4.43	3.4	3.92	6.35	0	0	-472	1	0	0	1	1	0	0.000	0
582	579	47.49	3.81	3.4	3.95	6.42	0	0	-283	1	0	0	1	1	0	0.000	0
583	580	47.57	3.23	3.4	3.99	6.4	0	0	-173	1	0	0	1	1	0	0.000	0
584	581	47.65	3.08	3.3	4.04	6.43	0	0	-151	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	3.26	3.3	4.14	6.51	0	0	-174	1	0	0	1	1	0	0.000	0
586	583	47.82	3.6	3.3	4.33	6.67	0	0	-227	1	0	0	1	1	0	0.000	0
587	584	47.9	3.84	3.3	4.55	7.05	0	0	-270	1	0	0	1	1	0	0.000	0
588	585	47.98	3.97	3.3	4.74	7.3	0	0	-293	1	0	0	1	1	0	0.000	0
589	586	48.06	4.09	3.3	4.8	7.44	0	0	-321	1	0	0	1	1	0	0.000	0
590	587	48.15	4.12	3.3	4.79	7.35	0	0	-330	1	0	0	1	1	0	0.000	0
591	588	48.23	3.97	3.3	4.75	7.27	0	0	-293	1	0	0	1	1	0	0.000	0
592	589	48.31	3.59	3.3	4.7	7.29	0	0	-215	1	0	0	1	1	0	0.000	0
593	590	48.39	3.09	3.3	4.6	7.13	0	0	-142	1	0	0	1	1	0	0.000	0
594	591	48.47	2.5	3.3	4.45	6.85	0	0	-87	1	0	1	1	1	0	0.000	0
595	592	48.56	2.21	3.2	4.33	6.63	0	0	-68	1	0	1	1	1	0	0.000	0
596	593	48.64	2.27	3.3	4.23	6.56	0	0	-72	1	0	1	1	1	0	0.000	0
597	594	48.72	2.68	3.3	4.34	6.69	0	0	-103	1	0	1	1	1	0	0.000	0
598	595	48.8	2.97	3.3	4.49	7.19	0	0	-130	1	0	1	1	1	0	0.000	0
599	596	48.88	2.94	3.3	4.7	7.25	0	0	-123	1	0	1	1	1	0	0.000	0
600	597	48.97	2.72	3.3	4.72	7.27	0	0	-102	1	0	1	1	1	0	0.000	0
601	598	49.05	2.51	3.2	4.76	7.22	0	0	-84	1	0	1	1	1	0	0.000	0
602	599	49.13	2.29	3.2	4.85	7.36	0	0	-68	1	0	1	1	1	0	0.000	0
603	600	49.21	2.42	3.2	4.9	7.53	0	0	-76	1	0	1	1	1	0	0.000	0
604	601	49.29	2.81	3.2	5.06	7.35	0	0	-105	1	0	1	1	1	0	0.000	0
605	602	49.38	3.5	3.3	5.41	7.95	0	0	-181	1	0	0	1	1	0	0.000	0
606	603	49.46	3.99	3.2	6.13	8.97	0	0	-245	1	0	0	1	1	0	0.000	0
607	604	49.54	4.38	3.2	6.89	10.44	0	0	-296	1	0	0	1	1	0	0.000	0
608	605	49.62	4.71	3.2	7.6	11.46	0	0	-337	1	0	0	1	1	0	0.000	0
609	606	49.7	4.91	3.2	8.14	12.26	0	0	-351	1	0	0	1	1	0	0.000	0
610	607	49.79	4.9	3.2	8.33	12.95	0	0	-333	1	0	0	1	1	0	0.000	0
611	608	49.87	4.85	3.2	8.09	12.51	0	0	-339	1	0	0	1	1	0	0.000	0
612	609	49.95	4.95	3.2	7.28	11.5	0	0	-434	1	0	0	1	1	0	0.000	0
613	610	50.03	5.04	3.3	6.29	9.74	0	0	-554	1	0	0	1	1	0	0.000	0
614	611	50.11	4.85	3.3	5.33	8.4	0	0	-551	1	0	0	1	1	0	0.000	0
615	612	50.2	3.23	3.3	4.64	7.4	0	0	-160	1	0	0	1	1	0	0.000	0
616	613	50.28	1.54	3.2	4.11	6.72	0	0	-38	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	3.75	6.04	0	0	-9	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	3.48	5.66	0	0	-9	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	3.36	5.41	0	0	-9	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

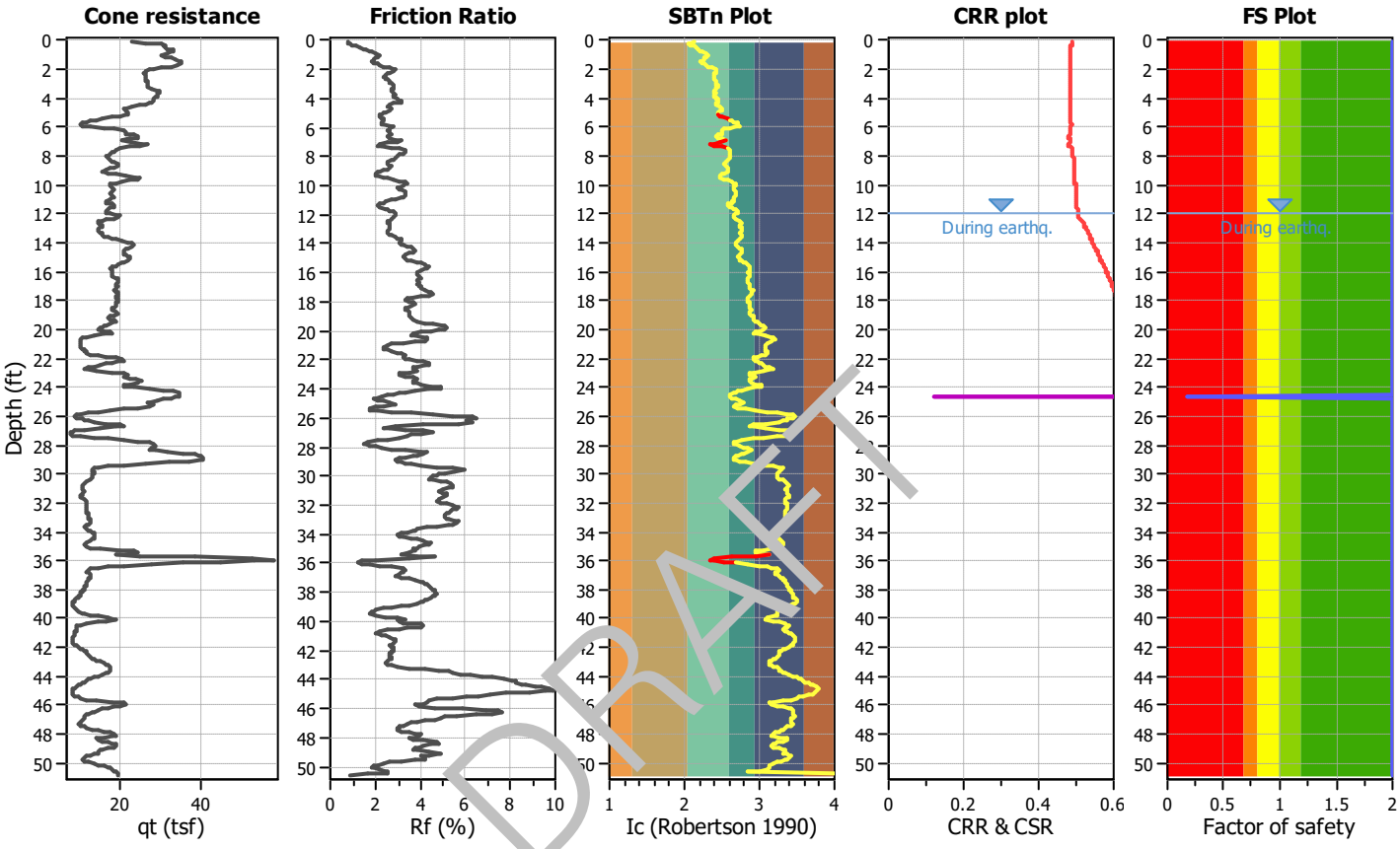
LIQUEFACTION ANALYSIS REPORT

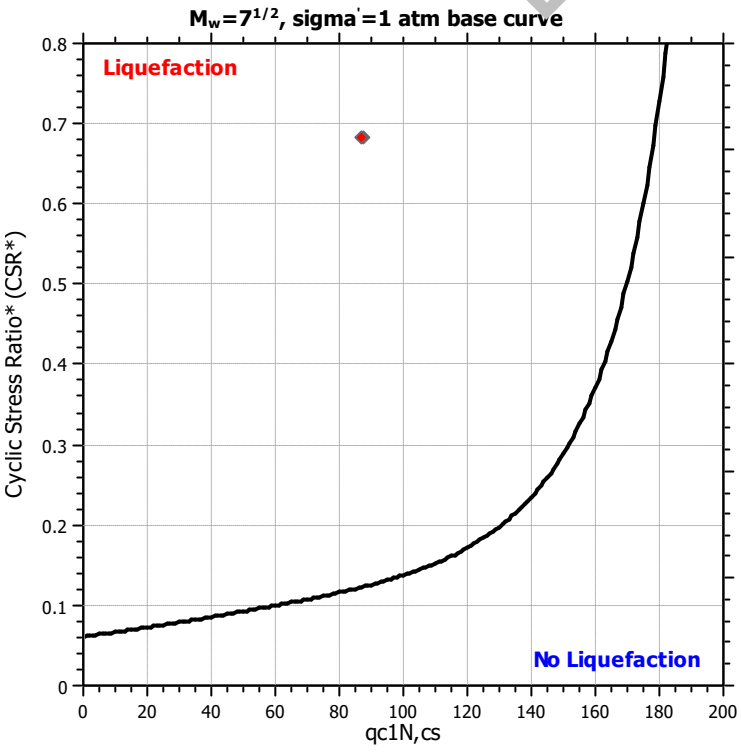
Project title : **Location :**

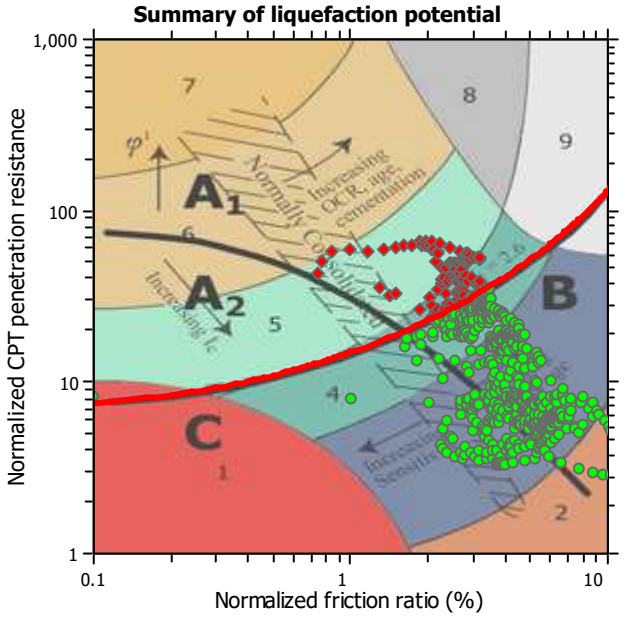
CPT file : CPT-20

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

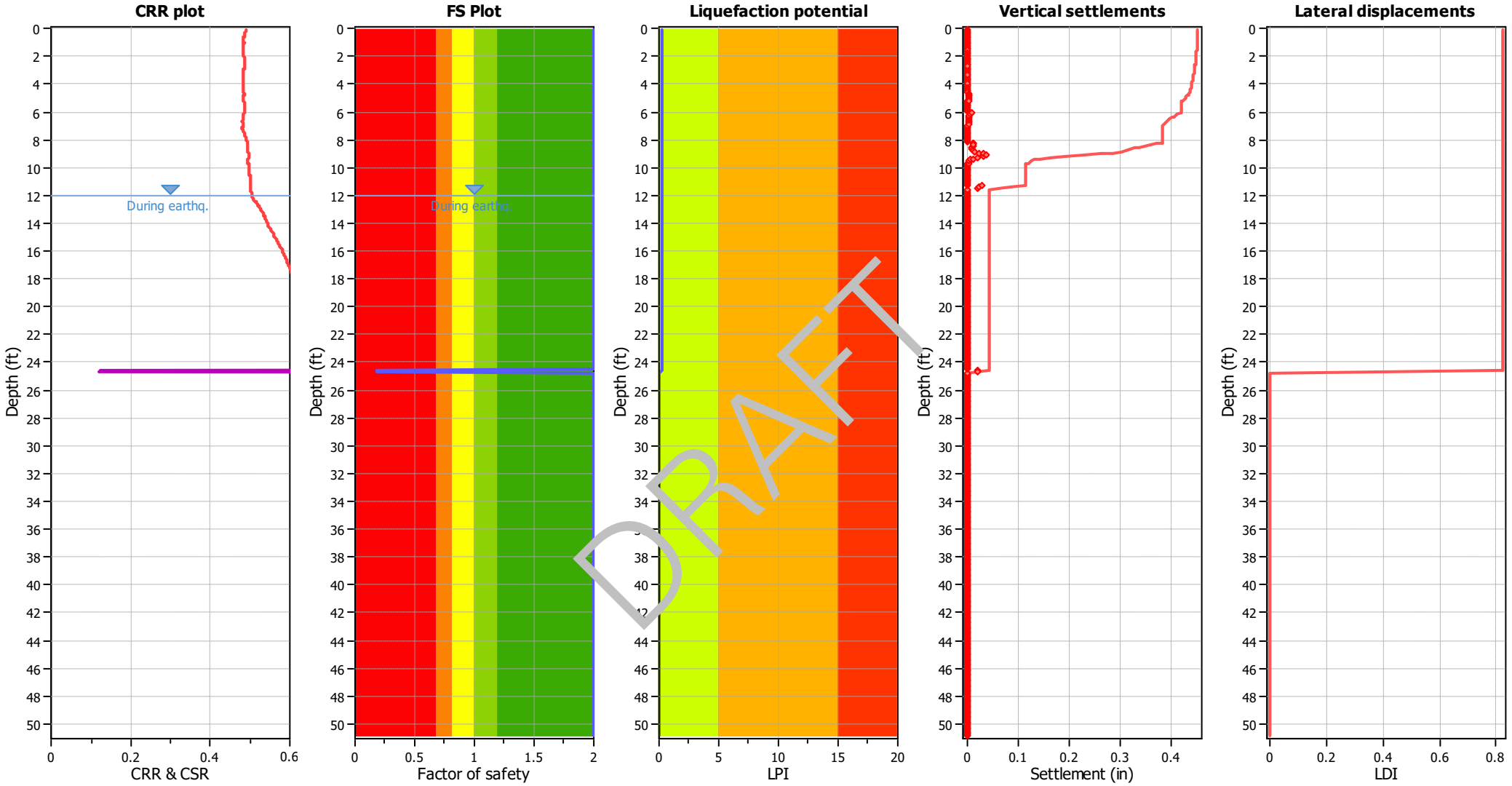






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-20, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1		Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0.75	2.1	43.26	32.34	0	0	65	1	1	1	1	1	0	0.040	0
5	2	0.16	0.78	2.1	50.13	44.93	0	0	82	1	1	1	0	1	0	0.040	0
6	3	0.25	0.84	2.1	57.2	50	0	0	103	1	1	1	0	1	0	0.040	0
7	4	0.33	0.98	2.1	58.74	50.56	0	0	122	1	1	1	0	1	0	0.040	0
8	5	0.41	1.16	2.1	58.23	49.06	0	0	144	1	1	1	0	1	0	0.040	0
9	6	0.49	1.34	2.2	58.83	48.82	0	0	173	1	1	1	0	1	0	0.040	0
10	7	0.57	1.49	2.2	60.4	52.17	0	0	205	1	1	1	0	1	0	0.040	0
11	8	0.66	1.6	2.2	62.81	53.04	0	0	239	1	1	1	0	1	0	0.040	0
12	9	0.74	1.74	2.2	63.2	54.95	0	0	274	1	1	1	0	1	0	0.040	0
13	10	0.82	1.88	2.2	62.31	53.25	0	0	306	1	1	1	0	1	0	0.040	0
14	11	0.9	2.05	2.3	59.89	50.91	0	0	341	1	1	1	0	1	0	0.040	0
15	12	0.98	2.19	2.3	57.07	48.9	0	0	364	1	1	1	0	1	0	0.040	0
16	13	1.07	2.16	2.3	57.66	46.09	0	0	358	1	1	1	0	1	0	0.040	0
17	14	1.15	2.09	2.3	58.89	52.45	0	0	346	1	1	1	0	1	0	0.040	0
18	15	1.23	2.01	2.3	62.09	52.04	0	0	344	1	1	1	0	1	0	0.040	0
19	16	1.31	1.97	2.3	63.51	54.27	0	0	34	1	1	1	0	1	0	0.040	0
20	17	1.39	1.9	2.2	65.24	56.12	0	0	3	1	1	1	0	1	0	0.040	0
21	18	1.48	1.86	2.2	66.22	56.52	0	0	325	1	1	1	0	1	0	0.040	0
22	19	1.56	1.95	2.2	66.12	56.83	0	0	3	1	1	1	0	1	0	0.040	0
23	20	1.64	2.08	2.3	66.26	55.9	0	0	397	1	1	1	0	1	0	0.040	0
24	21	1.72	2.23	2.3	64.59	56.55	0	0	440	1	1	1	0	1	0	0.040	0
25	22	1.8	2.42	2.3	61.67	52.54	0	0	493	1	1	1	0	1	0	0.040	0
26	23	1.89	2.65	2.4	57.28	48.47	0	0	550	1	1	1	0	1	0	0.040	0
27	24	1.97	2.83	2.4	53.83	45.7	0	0	595	1	1	1	0	1	0	0.040	0
28	25	2.05	2.88	2.4	51.43	43.8	0	0	585	1	1	1	0	1	0	0.040	0
29	26	2.13	2.81	2.4	50	42.37	0	0	530	1	1	1	0	1	0	0.040	0
30	27	2.21	2.66	2.4	49.26	42.07	0	0	456	1	1	1	0	1	0	0.040	0
31	28	2.3	2.53	2.4	49.13	41.89	0	0	405	1	1	1	0	1	0	0.040	0
32	29	2.38	2.43	2.4	49.48	42.01	0	0	374	1	1	1	0	1	0	0.040	0
33	30	2.46	2.41	2.4	49.72	42.99	0	0	370	1	1	1	0	1	0	0.040	0
34	31	2.54	2.43	2.4	49.93	42.53	0	0	379	1	1	1	0	1	0	0.040	0
35	32	2.62	2.48	2.4	49.74	42.6	0	0	394	1	1	1	0	1	0	0.040	0
36	33	2.71	2.54	2.4	49.61	42.56	0	0	414	1	1	1	0	1	0	0.040	0
37	34	2.79	2.61	2.4	49.68	42.24	0	0	441	1	1	1	0	1	0	0.040	0
38	35	2.87	2.69	2.4	50.17	42.83	0	0	479	1	1	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.75	2.4	50.69	43.86	0	0	512	1	1	1	0	1	0	0.040	0
40	37	3.03	2.81	2.4	50.78	43.61	0	0	541	1	1	1	0	1	0	0.040	0
41	38	3.12	2.84	2.4	50.38	43.08	0	0	550	1	1	1	0	1	0	0.040	0
42	39	3.2	2.86	2.4	50.14	42.88	0	0	556	1	1	1	0	1	0	0.040	0
43	40	3.28	2.82	2.4	50.68	43.01	0	0	544	1	1	1	0	1	0	0.040	0
44	41	3.36	2.76	2.4	52.42	44.47	0	0	540	1	1	1	0	1	0	0.040	0
45	42	3.44	2.73	2.4	54.77	47.32	0	0	557	1	1	1	0	1	0	0.040	0
46	43	3.53	2.78	2.4	56.21	49.02	0	0	602	1	1	1	0	1	0	0.040	0
47	44	3.61	2.87	2.4	56.04	48.17	0	0	649	1	1	1	0	1	0	0.040	0
48	45	3.69	2.89	2.4	55.47	46.92	0	0	651	1	1	1	0	1	0	0.040	0
49	46	3.77	2.83	2.4	55.09	47.62	0	0	613	1	1	1	0	1	0	0.040	0
50	47	3.85	2.79	2.4	54.78	47.22	0	0	587	1	1	1	0	1	0	0.040	0
51	48	3.94	2.86	2.4	53.8	46.17	0	0	610	1	1	1	0	1	0	0.040	0
52	49	4.02	2.99	2.4	53.05	45.14	0	0	670	1	1	1	0	1	0	0.040	0
53	50	4.1	3.13	2.5	52.82	45.33	0	0	752	1	1	0	0	1	0	0.040	0
54	51	4.18	3.2	2.5	52.81	45.62	0	0	798	1	1	0	0	1	0	0.040	0
55	52	4.26	3.16	2.5	52.33	45.11	0	0	762	1	1	0	0	1	0	0.040	0
56	53	4.35	2.87	2.4	51.32	44.12	0	0	578	1	1	1	0	1	0	0.040	0
57	54	4.43	2.67	2.4	49.24	43.07	0	0	459	1	1	1	0	1	0	0.040	0
58	55	4.51	2.55	2.4	46.32	39.83	0	0	380	1	1	1	0	1	0	0.040	0
59	56	4.59	2.68	2.5	42.79	36.71	0	0	38	1	1	1	0	1	0	0.040	0
60	57	4.68	2.72	2.5	40.33	34.08	0	0	34	1	1	1	0	1	0	0.040	0
61	58	4.76	2.73	2.5	39.47	33.52	0	0	355	1	1	1	0	1	0	0.040	0
62	59	4.84	2.66	2.5	39.77	34.35	0	0	33	1	1	1	0	1	0	0.040	0
63	60	4.92	2.52	2.5	40.48	34.76	0	0	306	1	1	1	0	1	0	0.040	0
64	61	5	2.41	2.5	40.79	35.3	0	0	281	1	1	1	0	1	0	0.040	0
65	62	5.09	2.31	2.4	41.03	35.25	0	0	259	1	1	1	0	1	0	0.040	0
66	63	5.17	2.26	2.4	40	35.4	0	0	239	1	1	1	0	1	0	0.040	0
67	64	5.25	2.26	2.5	37.47	32.72	0	0	217	1	1	1	0	1	0	0.040	0
68	65	5.33	2.32	2.5	33.18	28.87	0	0	190	1	1	1	0	1	0	0.040	0
69	66	5.41	2.41	2.6	28.94	24.51	0	0	163	1	1	1	0	1	0	0.040	0
70	67	5.5	2.43	2.6	25.91	21.96	0	0	136	1	0	1	0	1	0	0.040	0
71	68	5.58	2.43	2.6	23.45	21.16	0	0	111	1	0	1	0	1	0	0.040	0
72	69	5.66	2.35	2.7	21.68	18.26	0	0	86	1	0	1	0	1	0	0.040	0
73	70	5.74	2.37	2.7	19.59	17.48	0	0	68	1	0	1	1	1	0	0.040	0
74	71	5.82	2.46	2.7	19.03	15.84	0	0	68	1	0	1	1	1	0	0.040	0
75	72	5.91	2.77	2.7	20	16.86	0	0	102	1	0	1	0	1	0	0.040	0
76	73	5.99	2.85	2.7	23.46	19.93	0	0	160	1	0	1	0	1	0	0.040	0
77	74	6.07	2.71	2.6	29.37	24.66	0	0	218	1	0	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.65	2.5	34.56	31.9	0	0	271	1	1	1	0	1	0	0.040	0
79	76	6.23	2.62	2.5	39	33.16	0	0	317	1	1	1	0	1	0	0.040	0
80	77	6.32	2.71	2.5	39.49	35.99	0	0	350	1	1	1	0	1	0	0.040	0
81	78	6.4	2.69	2.5	39.88	33.19	0	0	348	1	1	1	0	1	0	0.040	0
82	79	6.48	2.72	2.5	40.07	34.17	0	0	360	1	1	1	0	1	0	0.040	0
83	80	6.56	2.59	2.5	43.55	36.37	0	0	362	1	1	1	0	1	0	0.040	0
84	81	6.64	2.56	2.4	45.86	41.2	0	0	379	1	1	1	0	1	0	0.040	0
85	82	6.73	2.69	2.5	45.13	39.23	0	0	415	1	1	1	0	1	0	0.040	0
86	83	6.81	2.98	2.5	41.33	34.1	0	0	472	1	1	1	0	1	0	0.040	0
87	84	6.89	3.19	2.6	38.39	31.9	0	0	508	1	1	0	0	1	0	0.040	0
88	85	6.97	3.04	2.6	37.88	31.91	0	0	438	1	1	0	0	1	0	0.040	0
89	86	7.05	2.58	2.5	42.41	32.48	0	0	345	1	1	1	0	1	0	0.040	0
90	87	7.14	2.24	2.4	46.92	41.63	0	0	294	1	1	1	0	1	0	0.040	0
91	88	7.22	2.14	2.4	50	41.6	0	0	292	1	1	1	0	1	0	0.040	0
92	89	7.3	2.36	2.4	46.65	38.89	0	0	324	1	1	1	0	1	0	0.040	0
93	90	7.38	2.79	2.5	41.39	33.58	0	0	401	1	1	1	0	1	0	0.040	0
94	91	7.46	3.18	2.6	36.97	29.15	0	0	476	1	1	0	0	1	0	0.040	0
95	92	7.55	3.45	2.6	34.82	28.31	0	0	547	1	0	0	0	1	0	0.040	0
96	93	7.63	3.45	2.6	34.83	28.16	0	0	547	1	0	0	0	1	0	0.040	0
97	94	7.71	3.42	2.6	34.62	28.64	0	0	528	1	0	0	0	1	0	0.040	0
98	95	7.79	3.31	2.6	33.76	27.33	0	0	46	1	0	0	0	1	0	0.040	0
99	96	7.87	3.13	2.6	32.32	25.79	0	0	370	1	0	0	0	1	0	0.040	0
100	97	7.96	3.04	2.6	31.02	25.03	0	0	320	1	0	0	0	1	0	0.040	0
101	98	8.04	2.99	2.6	30.51	24.07	0	0	29	1	0	1	0	1	0	0.040	0
102	99	8.12	2.96	2.6	30.96	24.22	0	0	297	1	0	1	0	1	0	0.040	0
103	100	8.2	2.9	2.6	31.44	25.06	0	0	290	1	1	1	0	1	0	0.040	0
104	101	8.28	2.77	2.6	31.96	24.54	0	0	266	1	1	1	0	1	0	0.040	0
105	102	8.37	2.65	2.6	32.4	25.13	0	0	244	1	1	1	0	1	0	0.040	0
106	103	8.45	2.6	2.5	33.21	26.95	0	0	243	1	1	1	0	1	0	0.040	0
107	104	8.53	2.61	2.5	34.18	26.86	0	0	257	1	1	1	0	1	0	0.040	0
108	105	8.61	2.71	2.5	34.29	27.66	0	0	282	1	1	1	0	1	0	0.040	0
109	106	8.69	2.75	2.6	33.85	27.25	0	0	286	1	1	1	0	1	0	0.040	0
110	107	8.78	2.73	2.6	32.27	26.03	0	0	261	1	1	1	0	1	0	0.040	0
111	108	8.86	2.62	2.6	30.17	24.23	0	0	211	1	1	1	0	1	0	0.040	0
112	109	8.94	2.45	2.6	28.09	22.63	0	0	160	1	1	1	0	1	0	0.040	0
113	110	9.02	2.31	2.6	26.9	21.35	0	0	131	1	1	1	0	1	0	0.040	0
114	111	9.1	2.17	2.6	26.76	21.53	0	0	114	1	1	1	0	1	0	0.040	0
115	112	9.19	2.06	2.5	28.34	22.32	0	0	115	1	1	1	0	1	0	0.040	0
116	113	9.27	2.04	2.5	31.32	25.28	0	0	134	1	1	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.17	2.5	35.08	28.96	0	0	181	1	1	1	0	1	0	0.040	0
118	115	9.43	2.38	2.5	38.27	31.64	0	0	249	1	1	1	0	1	0	0.040	0
119	116	9.51	2.61	2.5	39.92	33.3	0	0	325	1	1	1	0	1	0	0.040	0
120	117	9.6	2.87	2.5	38.95	33.25	0	0	394	1	1	1	0	1	0	0.040	0
121	118	9.68	3.14	2.6	36.39	29.31	0	0	449	1	1	0	0	1	0	0.040	0
122	119	9.76	3.45	2.6	33	26.79	0	0	502	1	0	0	0	1	0	0.040	0
123	120	9.84	3.51	2.7	30.46	24.58	0	0	463	1	0	0	0	1	0	0.040	0
124	121	9.92	3.49	2.7	28.55	23.02	0	0	407	1	0	0	0	1	0	0.040	0
125	122	10.01	3.32	2.7	27.77	22.22	0	0	335	1	0	0	0	1	0	0.040	0
126	123	10.09	3.2	2.7	27.74	22.86	0	0	302	1	0	0	0	1	0	0.040	0
127	124	10.17	3.1	2.6	28.36	23.1	0	0	288	1	0	0	0	1	0	0.040	0
128	125	10.25	3.18	2.7	28.66	24.01	0	0	315	1	0	0	0	1	0	0.040	0
129	126	10.33	3.29	2.7	28.55	23.72	0	0	343	1	0	0	0	1	0	0.040	0
130	127	10.42	3.43	2.7	28.05	22.93	0	0	374	1	0	0	0	1	0	0.040	0
131	128	10.5	3.43	2.7	27.52	22.88	0	0	362	1	0	0	0	1	0	0.040	0
132	129	10.58	3.5	2.7	27.02	22.64	0	0	371	1	0	0	0	1	0	0.040	0
133	130	10.66	3.42	2.7	27.04	21.86	0	0	347	1	0	0	0	1	0	0.040	0
134	131	10.74	3.32	2.7	27.24	23.14	0	0	323	1	0	0	0	1	0	0.040	0
135	132	10.83	3.23	2.7	27.48	23.34	0	0	304	1	0	0	0	1	0	0.040	0
136	133	10.91	3.02	2.7	26.55	22.66	0	0	238	1	0	0	0	1	0	0.040	0
137	134	10.99	2.8	2.7	25.32	21.21	0	0	18[illegible]	1	0	1	0	1	0	0.040	0
138	135	11.07	2.53	2.6	24.12	20.63	0	0	[illegible]28	1	0	1	0	1	0	0.040	0
139	136	11.15	2.44	2.7	23.44	20.04	0	0	112	1	0	1	0	1	0	0.040	0
140	137	11.24	2.32	2.6	23.68	19.71	0	0	1[illegible]	1	0	1	0	1	0	0.040	0
141	138	11.32	2.14	2.6	25.18	21.55	0	0	99	1	1	1	0	1	0	0.040	0
142	139	11.4	2.15	2.6	26.12	23.86	0	0	107	1	1	1	0	1	0	0.040	0
143	140	11.48	2.3	2.6	25.87	22.34	0	0	120	1	0	1	0	1	0	0.040	0
144	141	11.56	2.56	2.6	24.52	20.89	0	0	136	1	0	1	0	1	0	0.040	0
145	142	11.65	2.68	2.7	23.8	20.65	0	0	143	1	0	1	0	1	0	0.040	0
146	143	11.73	2.76	2.7	23.35	20.43	0	0	147	1	0	1	0	1	0	0.040	0
147	144	11.81	2.89	2.7	22.73	19.67	0	0	155	1	0	1	0	1	0	0.040	0
148	145	11.89	3.02	2.7	22.75	18.89	0	0	174	1	0	0	0	1	0	0.040	0
149	146	11.97	3.02	2.7	23.85	20.31	0	0	193	1	0	0	0	1	0	0.040	0
150	147	12.06	2.98	2.7	25.54	22.71	0	0	214	1	0	1	0	1	0	0.040	0
151	148	12.14	2.94	2.7	26.63	23.7	0	0	224	1	0	1	0	1	0	0.040	0
152	149	12.22	2.93	2.7	26.21	23.71	0	0	215	1	0	1	0	1	0	0.040	0
153	150	12.3	2.86	2.7	24.46	22.01	0	0	177	1	0	1	0	1	0	0.040	0
154	151	12.38	2.76	2.7	22.13	19.4	0	0	130	1	0	1	0	1	0	0.040	0
155	152	12.47	2.7	2.7	20.15	17.69	0	0	98	1	0	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.67	2.7	19.22	16.7	0	0	84	1	0	1	0	1	0	0.040	0
157	154	12.63	2.77	2.8	19.01	16.76	0	0	89	1	0	1	0	1	0	0.040	0
158	155	12.71	2.76	2.7	19.57	16.88	0	0	96	1	0	1	0	1	0	0.040	0
159	156	12.8	2.78	2.7	20	18.26	0	0	103	1	0	1	0	1	0	0.040	0
160	157	12.88	2.76	2.7	19.81	18.1	0	0	99	1	0	1	0	1	0	0.040	0
161	158	12.96	2.77	2.8	18.94	16.69	0	0	88	1	0	1	0	1	0	0.040	0
162	159	13.04	2.79	2.8	18.13	16.08	0	0	78	1	0	1	1	1	0	0.040	0
163	160	13.12	2.73	2.8	18.03	15.94	0	0	73	1	0	1	1	1	0	0.040	0
164	161	13.21	2.69	2.8	18.24	16.36	0	0	73	1	0	1	1	1	0	0.040	0
165	162	13.29	2.67	2.8	18.63	16.61	0	0	77	1	0	1	1	1	0	0.040	0
166	163	13.37	2.74	2.8	18.92	17.13	0	0	85	1	0	1	0	1	0	0.040	0
167	164	13.45	2.86	2.8	19.29	17.32	0	0	100	1	0	1	0	1	0	0.040	0
168	165	13.53	3.05	2.8	19.81	17.73	0	0	127	1	0	0	0	1	0	0.040	0
169	166	13.62	3.15	2.8	20.78	18.54	0	0	157	1	0	0	0	1	0	0.040	0
170	167	13.7	3.27	2.8	21.91	19.99	0	0	198	1	0	0	0	1	0	0.040	0
171	168	13.78	3.28	2.7	23.18	20.84	0	0	226	1	0	0	0	1	0	0.040	0
172	169	13.86	3.26	2.7	24.47	22.07	0	0	249	1	0	0	0	1	0	0.040	0
173	170	13.94	3.22	2.7	25.94	23.64	0	0	271	1	0	0	0	1	0	0.040	0
174	171	14.03	3.24	2.7	27.1	24.94	0	0	299	1	0	0	0	1	0	0.040	0
175	172	14.11	3.37	2.7	27.62	25.4	0	0	346	1	0	0	0	1	0	0.040	0
176	173	14.19	3.53	2.7	27.34	25.21	0	0	38[illegible]	1	0	0	0	1	0	0.040	0
177	174	14.27	3.69	2.7	26.61	24.47	0	0	[illegible]23	1	0	0	0	1	0	0.040	0
178	175	14.35	3.8	2.7	25.8	23.65	0	0	437	1	0	0	0	1	0	0.040	0
179	176	14.44	3.93	2.8	24.98	23.23	0	0	4[illegible]	1	0	0	0	1	0	0.040	0
180	177	14.52	3.95	2.8	24.38	22.37	0	0	442	1	0	0	0	1	0	0.040	0
181	178	14.6	3.87	2.8	23.87	22.16	0	0	396	1	0	0	0	1	0	0.040	0
182	179	14.68	3.64	2.8	23.64	22.01	0	0	320	1	0	0	0	1	0	0.040	0
183	180	14.76	3.51	2.7	23.51	21.98	0	0	284	1	0	0	0	1	0	0.040	0
184	181	14.85	3.4	2.7	23.94	21.99	0	0	269	1	0	0	0	1	0	0.040	0
185	182	14.93	3.42	2.7	24.42	23.2	0	0	285	1	0	0	0	1	0	0.040	0
186	183	15.01	3.46	2.7	24.9	23.36	0	0	306	1	0	0	0	1	0	0.040	0
187	184	15.09	3.6	2.7	24.82	23.39	0	0	342	1	0	0	0	1	0	0.040	0
188	185	15.17	3.78	2.8	24.53	23.2	0	0	389	1	0	0	0	1	0	0.040	0
189	186	15.26	4.02	2.8	23.94	22.68	0	0	451	1	0	0	0	1	0	0.040	0
190	187	15.34	4.25	2.8	23.14	21.89	0	0	506	1	0	0	0	1	0	0.040	0
191	188	15.42	4.4	2.8	22.24	21.08	0	0	523	1	0	0	0	1	0	0.040	0
192	189	15.5	4.51	2.9	21.31	20.29	0	0	517	1	0	0	0	1	0	0.040	0
193	190	15.58	4.58	2.9	20.36	19.42	0	0	487	1	0	0	0	1	0	0.040	0
194	191	15.67	4.55	2.9	19.51	18.56	0	0	424	1	0	0	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	4.4	2.9	18.95	18.03	0	0	346	1	0	0	0	1	0	0.040	0
196	193	15.83	4.21	2.9	18.67	17.96	0	0	284	1	0	0	0	1	0	0.040	0
197	194	15.91	4.1	2.9	18.76	17.89	0	0	263	1	0	0	0	1	0	0.040	0
198	195	15.99	4.06	2.9	18.9	18.34	0	0	260	1	0	0	0	1	0	0.040	0
199	196	16.08	4.04	2.9	18.9	18.41	0	0	256	1	0	0	0	1	0	0.040	0
200	197	16.16	4.08	2.9	18.66	18	0	0	255	1	0	0	0	1	0	0.040	0
201	198	16.24	4.14	2.9	18.54	17.82	0	0	262	1	0	0	0	1	0	0.040	0
202	199	16.32	4.21	2.9	18.73	18.22	0	0	287	1	0	0	0	1	0	0.040	0
203	200	16.4	4.12	2.9	19.21	18.67	0	0	287	1	0	0	0	1	0	0.040	0
204	201	16.49	4.07	2.8	19.57	19.28	0	0	290	1	0	0	0	1	0	0.040	0
205	202	16.57	4.05	2.8	19.73	19.33	0	0	292	1	0	0	0	1	0	0.040	0
206	203	16.65	4.1	2.9	19.57	19.27	0	0	297	1	0	0	0	1	0	0.040	0
207	204	16.73	4.07	2.9	19.28	18.93	0	0	278	1	0	0	0	1	0	0.040	0
208	205	16.81	4.13	2.9	18.83	18.64	0	0	273	1	0	0	0	1	0	0.040	0
209	206	16.9	4.17	2.9	18.75	18.1	0	0	278	1	0	0	0	1	0	0.040	0
210	207	16.98	4.29	2.9	18.85	18.82	0	0	312	1	0	0	0	1	0	0.040	0
211	208	17.06	4.25	2.9	19.13	19.04	0	0	315	1	0	0	0	1	0	0.040	0
212	209	17.14	4.41	2.9	18.76	19.06	0	0	339	1	0	0	0	1	0	0.040	0
213	210	17.22	4.46	2.9	18.39	17.87	0	0	332	1	0	0	0	1	0	0.040	0
214	211	17.31	4.67	2.9	18.05	18.07	0	0	370	1	0	0	0	1	0	0.040	0
215	212	17.39	4.68	2.9	18.43	18.19	0	0	39[illegible]	1	0	0	0	1	0	0.040	0
216	213	17.47	4.77	2.9	18.7	19.06	0	0	4[illegible]7	1	0	0	0	1	0	0.040	0
217	214	17.55	4.59	2.9	18.72	19.01	0	0	389	1	0	0	0	1	0	0.040	0
218	215	17.63	4.28	2.9	18.3	18.43	0	0	2[illegible]	1	0	0	0	1	0	0.040	0
219	216	17.72	3.78	2.9	17.81	18.01	0	0	171	1	0	0	0	1	0	0.040	0
220	217	17.8	3.58	2.8	17.71	17.67	0	0	142	1	0	0	0	1	0	0.040	0
221	218	17.88	3.56	2.8	18.06	18.15	0	0	149	1	0	0	0	1	0	0.040	0
222	219	17.96	3.75	2.8	18.3	18.84	0	0	183	1	0	0	0	1	0	0.040	0
223	220	18.04	3.85	2.9	18.23	18.34	0	0	196	1	0	0	0	1	0	0.040	0
224	221	18.13	3.95	2.9	17.66	18	0	0	192	1	0	0	0	1	0	0.040	0
225	222	18.21	3.97	2.9	17.35	17.45	0	0	183	1	0	0	0	1	0	0.040	0
226	223	18.29	3.85	2.9	17.33	17.54	0	0	165	1	0	0	0	1	0	0.040	0
227	224	18.37	3.63	2.9	17.25	18.05	0	0	135	1	0	0	0	1	0	0.040	0
228	225	18.45	3.54	2.9	16.89	17.39	0	0	116	1	0	0	0	1	0	0.040	0
229	226	18.54	3.53	2.9	16.15	16.6	0	0	96	1	0	0	0	1	0	0.040	0
230	227	18.62	3.62	2.9	15.85	15.92	0	0	95	1	0	0	0	1	0	0.040	0
231	228	18.7	3.71	2.9	16.09	16.46	0	0	109	1	0	0	0	1	0	0.040	0
232	229	18.78	3.73	2.9	16.81	17.42	0	0	134	1	0	0	0	1	0	0.040	0
233	230	18.86	3.73	2.9	17.21	18.3	0	0	146	1	0	0	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.68	2.9	16.94	17.96	0	0	132	1	0	0	0	1	0	0.040	0
235	232	19.03	3.72	2.9	16.04	16.92	0	0	109	1	0	0	0	1	0	0.040	0
236	233	19.11	3.86	2.9	15.06	15.76	0	0	88	1	0	0	0	1	0	0.040	0
237	234	19.19	3.94	2.9	14.76	15.07	0	0	83	1	0	0	0	1	0	0.040	0
238	235	19.27	3.97	2.9	15.16	15.87	0	0	101	1	0	0	0	1	0	0.040	0
239	236	19.36	4.07	2.9	15.91	16.84	0	0	140	1	0	0	0	1	0	0.040	0
240	237	19.44	4.43	2.9	16.07	17.41	0	0	196	1	0	0	0	1	0	0.040	0
241	238	19.52	4.89	3.0	15.65	16.62	0	0	250	1	0	0	0	1	0	0.040	0
242	239	19.6	5.3	3.0	14.78	15.91	0	0	249	1	0	0	0	1	0	0.040	0
243	240	19.68	5.48	3.0	14.02	15	0	0	191	1	0	0	0	1	0	0.040	0
244	241	19.77	5.56	3.1	13.29	14.43	0	0	105	1	0	0	0	1	0	0.040	0
245	242	19.85	5.47	3.1	12.7	13.74	0	0	25	1	0	0	1	1	0	0.040	0
246	243	19.93	5.18	3.1	12.16	13.25	0	0	-34	1	0	0	1	1	0	0.040	0
247	244	20.01	4.81	3.1	12	12.8	0	0	-37	1	0	0	1	1	0	0.040	0
248	245	20.09	4.32	3.0	12.97	13.28	0	0	24	1	0	0	1	1	0	0.040	0
249	246	20.18	3.95	2.9	14.38	16.23	0	0	70	1	0	0	1	1	0	0.040	0
250	247	20.26	3.84	2.9	14.57	17.27	0	0	70	1	0	0	1	1	0	0.040	0
251	248	20.34	4.05	3.0	13.08	14.17	0	0	23	1	0	0	1	1	0	0.040	0
252	249	20.42	4.5	3.1	10.75	11.96	0	0	-102	1	0	0	1	1	0	0.040	0
253	250	20.5	4.79	3.2	9.2	10.26	0	0	-242	1	0	0	1	1	0	0.040	0
254	251	20.59	4.82	3.2	8.22	9.32	0	0	-321	1	0	0	1	1	0	0.040	0
255	252	20.67	4.71	3.2	7.72	8.78	0	0	-329	1	0	0	1	1	0	0.040	0
256	253	20.75	4.23	3.2	7.49	8.56	0	0	-234	1	0	0	1	1	0	0.040	0
257	254	20.83	3.65	3.2	7.42	8.5	0	0	-197	1	0	0	1	1	0	0.040	0
258	255	20.92	3.12	3.1	7.39	8.48	0	0	-94	1	0	0	1	1	0	0.040	0
259	256	21	2.85	3.1	7.39	8.46	0	0	-75	1	0	1	1	1	0	0.040	0
260	257	21.08	2.72	3.1	7.41	8.51	0	0	-67	1	0	1	1	1	0	0.040	0
261	258	21.16	2.71	3.1	7.38	8.53	0	0	-66	1	0	1	1	1	0	0.040	0
262	259	21.24	2.72	3.1	7.66	8.32	0	0	-63	1	0	1	1	1	0	0.040	0
263	260	21.33	2.9	3.1	8	9.14	0	0	-69	1	0	1	1	1	0	0.040	0
264	261	21.41	3.08	3.1	8.32	9.56	0	0	-75	1	0	0	1	1	0	0.040	0
265	262	21.49	3.35	3.1	8.33	9.34	0	0	-94	1	0	0	1	1	0	0.040	0
266	263	21.57	3.56	3.1	8.36	9.38	0	0	-111	1	0	0	1	1	0	0.040	0
267	264	21.65	3.69	3.1	8.65	9.63	0	0	-115	1	0	0	1	1	0	0.040	0
268	265	21.74	3.66	3.1	9.39	10.23	0	0	-91	1	0	0	1	1	0	0.040	0
269	266	21.82	3.59	3.0	10.67	11.74	0	0	-50	1	0	0	1	1	0	0.040	0
270	267	21.9	3.63	3.0	12.52	13.72	0	0	1	1	0	0	1	1	0	0.040	0
271	268	21.98	3.77	2.9	14.44	16.37	0	0	62	1	0	0	1	1	0	0.040	0
272	269	22.06	4.07	2.9	15.55	18.3	0	0	125	1	0	0	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	4.39	2.9	15.58	17.96	0	0	164	1	0	0	0	1	0	0.040	0
274	271	22.23	4.71	3.0	14.65	16.96	0	0	148	1	0	0	0	1	0	0.040	0
275	272	22.31	4.72	3.0	13.43	15.59	0	0	64	1	0	0	1	1	0	0.040	0
276	273	22.39	4.54	3.0	12.05	14.05	0	0	-27	1	0	0	1	1	0	0.040	0
277	274	22.47	4.18	3.1	10.78	12.47	0	0	-77	1	0	0	1	1	0	0.040	0
278	275	22.56	4.03	3.1	9.59	11.43	0	0	-116	1	0	0	1	1	0	0.040	0
279	276	22.64	4.07	3.1	8.57	10.11	0	0	-161	1	0	0	1	1	0	0.040	0
280	277	22.72	4.38	3.2	7.82	9.08	0	0	-247	1	0	0	1	1	0	0.040	0
281	278	22.8	4.32	3.2	8.14	8.88	0	0	-219	1	0	0	1	1	0	0.040	0
282	279	22.88	3.82	3.1	9.88	11	0	0	-87	1	0	0	1	1	0	0.040	0
283	280	22.97	3.33	2.9	12.92	14.62	0	0	9	1	0	0	1	1	0	0.040	0
284	281	23.05	3.24	2.9	15.14	18.97	0	0	54	1	0	0	1	1	0	0.040	0
285	282	23.13	3.54	2.9	15.79	18.82	0	0	87	1	0	0	0	1	0	0.040	0
286	283	23.21	3.95	2.9	15.17	17.3	0	0	99	1	0	0	0	1	0	0.040	0
287	284	23.29	4.16	2.9	15.06	17.25	0	0	113	1	0	0	0	1	0	0.040	0
288	285	23.38	3.99	2.9	15.96	18.42	0	0	133	1	0	0	0	1	0	0.040	0
289	286	23.46	3.86	2.9	17.13	20.3	0	0	160	1	0	0	0	1	0	0.040	0
290	287	23.54	3.92	2.9	17.88	21.3	0	0	195	1	0	0	0	1	0	0.040	0
291	288	23.62	4.05	2.9	17.76	21.2	0	0	212	1	0	0	0	1	0	0.040	0
292	289	23.7	4.31	2.9	17.03	20.18	0	0	226	1	0	0	0	1	0	0.040	0
293	290	23.79	4.73	3.0	15.74	18.96	0	0	22[illegible]	1	0	0	0	1	0	0.040	0
294	291	23.87	5.27	3.0	14.49	16.91	0	0	2[illegible]	1	0	0	0	1	0	0.040	0
295	292	23.95	5.29	3.0	14.44	16	0	0	210	1	0	0	0	1	0	0.040	0
296	293	24.03	4.68	3.0	16.11	18.74	0	0	2[illegible]	1	0	0	0	1	0	0.040	0
297	294	24.11	3.95	2.9	18.9	22.68	0	0	238	1	0	0	0	1	0	0.040	0
298	295	24.2	3.45	2.8	21.72	25.67	0	0	226	1	0	0	0	1	0	0.040	0
299	296	24.28	3.19	2.7	23.5	28.08	0	0	216	1	0	0	0	1	0	0.040	0
300	297	24.36	2.95	2.7	24.38	28.61	0	0	190	1	0	1	0	1	0	0.040	0
301	298	24.44	2.69	2.7	24.53	28.53	0	0	153	1	0	1	0	1	0	0.040	0
302	299	24.52	2.33	2.6	24.53	28.48	0	0	111	1	0	1	0	1	0	0.040	0
303	300	24.61	2.11	2.6	24.42	28.39	0.02	0.41	90	1	1	1	0	1	0	0.040	0
304	301	24.69	2.06	2.6	23.73	28.02	0.02	0.41	81	1	0	1	0	1	0	0.020	0
305	302	24.77	2.21	2.6	22.73	26.21	0	0	85	1	0	1	0	1	0	0.000	0
306	303	24.85	2.49	2.7	21.27	25.37	0	0	94	1	0	1	0	1	0	0.000	0
307	304	24.93	2.79	2.7	19.84	23.59	0	0	102	1	0	1	0	1	0	0.000	0
308	305	25.02	3.02	2.8	18.4	21.92	0	0	100	1	0	0	0	1	0	0.000	0
309	306	25.1	2.94	2.8	17.95	20.86	0	0	86	1	0	1	0	1	0	0.000	0
310	307	25.18	2.51	2.7	18.86	22.06	0	0	69	1	0	1	1	1	0	0.000	0
311	308	25.26	2.12	2.7	19.35	24.7	0	0	52	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	1.89	2.7	18.68	22.19	0	0	38	1	0	1	1	1	0	0.000	0
313	310	25.43	1.9	2.7	16.32	19.68	0	0	24	1	0	1	1	1	0	0.000	0
314	311	25.51	2.23	2.8	13.7	16.97	0	0	10	1	0	1	1	1	0	0.000	0
315	312	25.59	2.92	3.0	11.32	13.78	0	0	-18	1	0	1	1	1	0	0.000	0
316	313	25.67	4.02	3.1	9.18	11.6	0	0	-131	1	0	0	1	1	0	0.000	0
317	314	25.75	5.18	3.2	7.51	9.56	0	0	-497	1	0	0	1	1	0	0.000	0
318	315	25.84	6.39	3.4	6.12	8.02	0	0	-1588	1	0	0	1	1	0	0.000	0
319	316	25.92	7.51	3.5	5.25	6.78	0	0	-4042	1	0	0	1	1	0	0.000	0
320	317	26	7.8	3.5	5.07	6.53	0	0	-5074	1	0	0	1	1	0	0.000	0
321	318	26.08	7.47	3.4	5.5	7.4	0	0	-3795	1	0	0	1	1	0	0.000	0
322	319	26.16	7.06	3.4	6.24	8.23	0	0	-2536	1	0	0	1	1	0	0.000	0
323	320	26.25	7.26	3.4	6.82	9.09	0	0	-2654	1	0	0	1	1	0	0.000	0
324	321	26.33	7.19	3.3	7.39	9.43	0	0	-2272	1	0	0	1	1	0	0.000	0
325	322	26.41	6.38	3.3	8.45	10.25	0	0	-1001	1	0	0	1	1	0	0.000	0
326	323	26.49	4.51	3.1	10.45	12.77	0	0	-120	1	0	0	1	1	0	0.000	0
327	324	26.57	3.17	2.9	12.61	16.46	0	0	2	1	0	0	1	1	0	0.000	0
328	325	26.66	2.58	2.9	13.34	17.92	0	0	10	1	0	1	1	1	0	0.000	0
329	326	26.74	2.83	2.9	12.08	15.46	0	0	-6	1	0	1	1	1	0	0.000	0
330	327	26.82	3.68	3.1	9.2	12.14	0	0	-98	1	0	0	1	1	0	0.000	0
331	328	26.9	4.72	3.3	6.67	7.88	0	0	-404	1	0	0	1	1	0	0.000	0
332	329	26.98	5.47	3.4	4.97	6.67	0	0	-93[illegible]	1	0	0	1	1	0	0.000	0
333	330	27.07	5.03	3.4	4.44	6.22	0	0	-[illegible]14	1	0	0	1	1	0	0.000	0
334	331	27.15	4.51	3.4	4.24	6.06	0	0	-484	1	0	0	1	1	0	0.000	0
335	332	27.23	4.23	3.4	4.2	5.96	0	0	-[illegible]3	1	0	0	1	1	0	0.000	0
336	333	27.31	4.23	3.4	4.41	6.07	0	0	-378	1	0	0	1	1	0	0.000	0
337	334	27.39	3.63	3.2	5.85	6.76	0	0	-190	1	0	0	1	1	0	0.000	0
338	335	27.48	2.85	3.1	8	10.97	0	0	-66	1	0	1	1	1	0	0.000	0
339	336	27.56	2.32	2.9	10.41	13.56	0	0	-19	1	0	1	1	1	0	0.000	0
340	337	27.64	1.82	2.8	13.24	15.17	0	0	4	1	0	1	1	1	0	0.000	0
341	338	27.72	1.64	2.7	15.83	20.63	0	0	16	1	0	1	1	1	0	0.000	0
342	339	27.8	1.66	2.7	17.8	22.09	0	0	27	1	0	1	1	1	0	0.000	0
343	340	27.89	1.83	2.7	18.24	21.82	0	0	34	1	0	1	1	1	0	0.000	0
344	341	27.97	2.1	2.7	18.3	22.29	0	0	44	1	0	1	1	1	0	0.000	0
345	342	28.05	2.4	2.7	18.38	22.64	0	0	58	1	0	1	1	1	0	0.000	0
346	343	28.13	2.88	2.8	18.01	22.49	0	0	83	1	0	1	0	1	0	0.000	0
347	344	28.21	3.56	2.8	17.53	21.62	0	0	135	1	0	0	0	1	0	0.000	0
348	345	28.3	4.24	2.9	17.21	21.48	0	0	222	1	0	0	0	1	0	0.000	0
349	346	28.38	4.52	2.9	18.11	21.46	0	0	332	1	0	0	0	1	0	0.000	0
350	347	28.46	4.37	2.9	20.17	24.93	0	0	402	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.08	2.8	22.81	29.05	0	0	427	1	0	0	0	1	0	0.000	0
352	349	28.63	3.84	2.8	24.75	30.75	0	0	416	1	0	0	0	1	0	0.000	0
353	350	28.71	3.52	2.7	25.61	31.52	0	0	341	1	0	0	0	1	0	0.000	0
354	351	28.79	3.19	2.7	26.04	31.76	0	0	266	1	0	0	0	1	0	0.000	0
355	352	28.87	3.01	2.7	26.3	31.94	0	0	232	1	0	0	0	1	0	0.000	0
356	353	28.95	3.1	2.7	26.32	32.27	0	0	251	1	0	0	0	1	0	0.000	0
357	354	29.04	3.29	2.7	25.58	32.02	0	0	280	1	0	0	0	1	0	0.000	0
358	355	29.12	3.49	2.7	23.44	29.72	0	0	277	1	0	0	0	1	0	0.000	0
359	356	29.2	3.8	2.8	20	25.15	0	0	246	1	0	0	0	1	0	0.000	0
360	357	29.28	4.29	2.9	16.21	20.43	0	0	182	1	0	0	0	1	0	0.000	0
361	358	29.36	5.13	3.1	12.68	16.07	0	0	17	1	0	0	1	1	0	0.000	0
362	359	29.45	6.03	3.2	9.99	12.38	0	0	-478	1	0	0	1	1	0	0.000	0
363	360	29.53	6.78	3.3	8.27	10.75	0	0	-1401	1	0	0	1	1	0	0.000	0
364	361	29.61	6.81	3.3	7.62	9.92	0	0	-1651	1	0	0	1	1	0	0.000	0
365	362	29.69	6.36	3.3	7.46	10.06	0	0	-1227	1	0	0	1	1	0	0.000	0
366	363	29.77	5.85	3.3	7.55	10.21	0	0	-824	1	0	0	1	1	0	0.000	0
367	364	29.86	5.55	3.3	7.58	10.23	0	0	-652	1	0	0	1	1	0	0.000	0
368	365	29.94	5.39	3.2	7.55	10.2	0	0	-580	1	0	0	1	1	0	0.000	0
369	366	30.02	5.22	3.2	7.49	10.12	0	0	-515	1	0	0	1	1	0	0.000	0
370	367	30.1	5.09	3.2	7.44	10.04	0	0	-470	1	0	0	1	1	0	0.000	0
371	368	30.18	5.06	3.2	7.41	10.03	0	0	-462	1	0	0	1	1	0	0.000	0
372	369	30.27	5.27	3.3	7.37	10.03	0	0	-548	1	0	0	1	1	0	0.000	0
373	370	30.35	5.63	3.3	7.15	9.9	0	0	-753	1	0	0	1	1	0	0.000	0
374	371	30.43	6.05	3.3	6.85	9.26	0	0	-1023	1	0	0	1	1	0	0.000	0
375	372	30.51	6.28	3.3	6.5	8.97	0	0	-1377	1	0	0	1	1	0	0.000	0
376	373	30.59	6.4	3.4	6.18	8.66	0	0	-1585	1	0	0	1	1	0	0.000	0
377	374	30.68	6.43	3.4	5.93	8.15	0	0	-1685	1	0	0	1	1	0	0.000	0
378	375	30.76	6.5	3.4	5.73	8.06	0	0	-1827	1	0	0	1	1	0	0.000	0
379	376	30.84	6.31	3.4	5.72	7.99	0	0	-1591	1	0	0	1	1	0	0.000	0
380	377	30.92	6.02	3.4	5.74	8.12	0	0	-1278	1	0	0	1	1	0	0.000	0
381	378	31	5.78	3.4	5.79	8.15	0	0	-1059	1	0	0	1	1	0	0.000	0
382	379	31.09	5.81	3.4	5.8	8.17	0	0	-1082	1	0	0	1	1	0	0.000	0
383	380	31.17	6	3.4	5.84	8.15	0	0	-1241	1	0	0	1	1	0	0.000	0
384	381	31.25	6.14	3.4	5.82	8.29	0	0	-1382	1	0	0	1	1	0	0.000	0
385	382	31.33	6.17	3.4	5.7	8.06	0	0	-1438	1	0	0	1	1	0	0.000	0
386	383	31.41	6.08	3.4	5.47	7.69	0	0	-1390	1	0	0	1	1	0	0.000	0
387	384	31.5	6.03	3.4	5.26	7.49	0	0	-1379	1	0	0	1	1	0	0.000	0
388	385	31.58	5.91	3.4	5.24	7.33	0	0	-1264	1	0	0	1	1	0	0.000	0
389	386	31.66	5.8	3.4	5.41	7.65	0	0	-1136	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	5.68	3.4	5.78	8.11	0	0	-983	1	0	0	1	1	0	0.000	0
391	388	31.82	5.8	3.3	6.09	8.65	0	0	-1027	1	0	0	1	1	0	0.000	0
392	389	31.91	6.1	3.3	6.26	8.77	0	0	-1253	1	0	0	1	1	0	0.000	0
393	390	31.99	6.45	3.4	6.3	8.76	0	0	-1613	1	0	0	1	1	0	0.000	0
394	391	32.07	6.68	3.4	6.23	8.8	0	0	-1930	1	0	0	1	1	0	0.000	0
395	392	32.15	6.73	3.4	6.15	8.55	0	0	-2028	1	0	0	1	1	0	0.000	0
396	393	32.23	6.64	3.4	6.05	8.5	0	0	-1929	1	0	0	1	1	0	0.000	0
397	394	32.32	6.46	3.4	6.02	8.43	0	0	-1699	1	0	0	1	1	0	0.000	0
398	395	32.4	6.33	3.4	6.03	8.41	0	0	-1541	1	0	0	1	1	0	0.000	0
399	396	32.48	6.22	3.4	6.07	8.51	0	0	-1412	1	0	0	1	1	0	0.000	0
400	397	32.56	6.13	3.4	6.12	8.55	0	0	-1310	1	0	0	1	1	0	0.000	0
401	398	32.64	6.02	3.3	6.19	8.57	0	0	-1193	1	0	0	1	1	0	0.000	0
402	399	32.73	6.02	3.3	6.23	8.72	0	0	-1186	1	0	0	1	1	0	0.000	0
403	400	32.81	6.05	3.3	6.26	8.67	0	0	-1207	1	0	0	1	1	0	0.000	0
404	401	32.89	6.08	3.3	6.25	8.66	0	0	-1236	1	0	0	1	1	0	0.000	0
405	402	32.97	6.26	3.4	6.3	8.71	0	0	-1402	1	0	0	1	1	0	0.000	0
406	403	33.05	6.47	3.4	6.39	8.84	0	0	-1613	1	0	0	1	1	0	0.000	0
407	404	33.14	6.68	3.4	6.52	8.99	0	0	-1841	1	0	0	1	1	0	0.000	0
408	405	33.22	6.63	3.3	6.62	9.18	0	0	-1746	1	0	0	1	1	0	0.000	0
409	406	33.3	6.42	3.3	6.61	9.2	0	0	-1499	1	0	0	1	1	0	0.000	0
410	407	33.38	6.16	3.3	6.47	9.01	0	0	-1216	1	0	0	1	1	0	0.000	0
411	408	33.46	5.6	3.3	6.28	8.69	0	0	-656	1	0	0	1	1	0	0.000	0
412	409	33.55	5.08	3.3	6.02	8.54	0	0	-597	1	0	0	1	1	0	0.000	0
413	410	33.63	4.64	3.3	5.8	8.06	0	0	-476	1	0	0	1	1	0	0.000	0
414	411	33.71	4.57	3.3	5.63	7.82	0	0	-423	1	0	0	1	1	0	0.000	0
415	412	33.79	4.39	3.3	5.83	7.85	0	0	-355	1	0	0	1	1	0	0.000	0
416	413	33.87	4.06	3.2	6.23	8.65	0	0	-255	1	0	0	1	1	0	0.000	0
417	414	33.96	3.74	3.2	6.64	9.13	0	0	-183	1	0	0	1	1	0	0.000	0
418	415	34.04	3.54	3.2	6.85	9.23	0	0	-149	1	0	0	1	1	0	0.000	0
419	416	34.12	3.59	3.2	6.93	9.38	0	0	-153	1	0	0	1	1	0	0.000	0
420	417	34.2	3.82	3.2	6.96	9.44	0	0	-185	1	0	0	1	1	0	0.000	0
421	418	34.28	4.18	3.2	7.11	9.4	0	0	-242	1	0	0	1	1	0	0.000	0
422	419	34.37	4.5	3.2	7.15	9.64	0	0	-311	1	0	0	1	1	0	0.000	0
423	420	34.45	4.78	3.2	7.09	9.48	0	0	-393	1	0	0	1	1	0	0.000	0
424	421	34.53	5.09	3.3	6.71	9.15	0	0	-537	1	0	0	1	1	0	0.000	0
425	422	34.61	5.28	3.3	6.31	8.64	0	0	-666	1	0	0	1	1	0	0.000	0
426	423	34.69	5.28	3.3	5.96	8.24	0	0	-704	1	0	0	1	1	0	0.000	0
427	424	34.78	5.04	3.3	5.72	7.94	0	0	-605	1	0	0	1	1	0	0.000	0
428	425	34.86	4.82	3.3	5.57	7.71	0	0	-520	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.65	3.3	5.57	7.65	0	0	-454	1	0	0	1	1	0	0.000	0
430	427	35.02	4.44	3.3	5.79	7.79	0	0	-372	1	0	0	1	1	0	0.000	0
431	428	35.1	4.45	3.3	6.38	8.32	0	0	-342	1	0	0	1	1	0	0.000	0
432	429	35.19	4.25	3.2	7.89	9.51	0	0	-219	1	0	0	1	1	0	0.000	0
433	430	35.27	3.88	3.0	10.58	13.07	0	0	-67	1	0	0	1	1	0	0.000	0
434	431	35.35	3.45	3.0	12.79	18.58	0	0	7	1	0	0	1	1	0	0.000	0
435	432	35.43	3.52	2.9	13.17	18.61	0	0	17	1	0	0	1	1	0	0.000	0
436	433	35.51	4.26	3.0	11.58	15.41	0	0	-44	1	0	0	1	1	0	0.000	0
437	434	35.6	5.23	3.1	10.06	13.05	0	0	-253	1	0	0	1	1	0	0.000	0
438	435	35.68	3.86	3.0	13.47	12.75	0	0	33	1	0	0	1	1	0	0.000	0
439	436	35.76	2.17	2.6	22.18	27.9	0	0	78	1	0	1	1	1	0	0.000	0
440	437	35.84	1.42	2.4	32.38	44.05	0	0	80	1	1	1	1	1	0	0.000	0
441	438	35.92	1.3	2.3	36.09	46.13	0	0	85	1	1	1	0	1	0	0.000	0
442	439	36.01	1.49	2.4	32.54	40.56	0	0	86	1	1	1	0	1	0	0.000	0
443	440	36.09	1.86	2.5	26.61	32.96	0	0	85	1	1	1	0	1	0	0.000	0
444	441	36.17	2.34	2.7	20.11	26.72	0	0	71	1	0	1	1	1	0	0.000	0
445	442	36.25	2.97	2.9	15.02	18.69	0	0	41	1	0	1	1	1	0	0.000	0
446	443	36.33	3.63	3.0	11.13	15.01	0	0	-39	1	0	0	1	1	0	0.000	0
447	444	36.42	3.84	3.1	8.85	11.77	0	0	-124	1	0	0	1	1	0	0.000	0
448	445	36.5	3.79	3.2	7.22	9.83	0	0	-172	1	0	0	1	1	0	0.000	0
449	446	36.58	3.84	3.2	6.16	8.55	0	0	-21[illegible]	1	0	0	1	1	0	0.000	0
450	447	36.66	3.82	3.3	5.72	7.47	0	0	-[illegible]26	1	0	0	1	1	0	0.000	0
451	448	36.74	3.67	3.3	5.71	7.75	0	0	-200	1	0	0	1	1	0	0.000	0
452	449	36.83	3.45	3.2	5.95	8.12	0	0	-[illegible]0	1	0	0	1	1	0	0.000	0
453	450	36.91	3.54	3.2	6.03	8.13	0	0	-171	1	0	0	1	1	0	0.000	0
454	451	36.99	3.79	3.2	6.02	8.03	0	0	-211	1	0	0	1	1	0	0.000	0
455	452	37.07	4.19	3.3	6	8.06	0	0	-294	1	0	0	1	1	0	0.000	0
456	453	37.16	4.51	3.3	5.97	8.07	0	0	-383	1	0	0	1	1	0	0.000	0
457	454	37.24	4.82	3.3	5.89	8	0	0	-496	1	0	0	1	1	0	0.000	0
458	455	37.32	5.01	3.3	5.78	7.86	0	0	-586	1	0	0	1	1	0	0.000	0
459	456	37.4	5.17	3.3	5.64	7.79	0	0	-678	1	0	0	1	1	0	0.000	0
460	457	37.48	5.28	3.4	5.52	7.61	0	0	-751	1	0	0	1	1	0	0.000	0
461	458	37.57	5.35	3.4	5.42	7.52	0	0	-804	1	0	0	1	1	0	0.000	0
462	459	37.65	5.45	3.4	5.34	7.51	0	0	-878	1	0	0	1	1	0	0.000	0
463	460	37.73	5.51	3.4	5.34	7.39	0	0	-920	1	0	0	1	1	0	0.000	0
464	461	37.81	5.61	3.4	5.3	7.47	0	0	-999	1	0	0	1	1	0	0.000	0
465	462	37.89	5.69	3.4	5.24	7.37	0	0	-1070	1	0	0	1	1	0	0.000	0
466	463	37.98	5.83	3.4	5.08	7.21	0	0	-1216	1	0	0	1	1	0	0.000	0
467	464	38.06	5.9	3.4	4.93	7.1	0	0	-1308	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	5.88	3.4	4.82	6.96	0	0	-1307	1	0	0	1	1	0	0.000	0
469	466	38.22	5.83	3.4	4.7	6.88	0	0	-1278	1	0	0	1	1	0	0.000	0
470	467	38.3	5.74	3.4	4.6	6.73	0	0	-1210	1	0	0	1	1	0	0.000	0
471	468	38.39	5.66	3.4	4.47	6.64	0	0	-1157	1	0	0	1	1	0	0.000	0
472	469	38.47	5.57	3.5	4.34	6.43	0	0	-1098	1	0	0	1	1	0	0.000	0
473	470	38.55	5.44	3.5	4.18	6.25	0	0	-1013	1	0	0	1	1	0	0.000	0
474	471	38.63	5.4	3.5	4	6.04	0	0	-1003	1	0	0	1	1	0	0.000	0
475	472	38.71	5.36	3.5	3.79	5.71	0	0	-997	1	0	0	1	1	0	0.000	0
476	473	38.8	5.23	3.5	3.58	5.46	0	0	-923	1	0	0	1	1	0	0.000	0
477	474	38.88	4.83	3.5	3.46	5.25	0	0	-684	1	0	0	1	1	0	0.000	0
478	475	38.96	4.3	3.5	3.39	5.19	0	0	-451	1	0	0	1	1	0	0.000	0
479	476	39.04	3.74	3.4	3.39	5.16	0	0	-285	1	0	0	1	1	0	0.000	0
480	477	39.12	3.2	3.4	3.44	5.18	0	0	-179	1	0	0	1	1	0	0.000	0
481	478	39.21	2.78	3.4	3.53	5.3	0	0	-124	1	0	1	1	1	0	0.000	0
482	479	39.29	2.56	3.3	3.64	5.38	0	0	-101	1	0	1	1	1	0	0.000	0
483	480	39.37	2.4	3.3	3.81	5.51	0	0	-86	1	0	1	1	1	0	0.000	0
484	481	39.45	2.31	3.3	4.05	5.8	0	0	-77	1	0	1	1	1	0	0.000	0
485	482	39.53	2.27	3.3	4.28	6.13	0	0	-72	1	0	1	1	1	0	0.000	0
486	483	39.62	2.53	3.2	4.6	6.25	0	0	-87	1	0	1	1	1	0	0.000	0
487	484	39.7	3.01	3.2	5.08	6.85	0	0	-125	1	0	0	1	1	0	0.000	0
488	485	39.78	3.64	3.2	5.73	7.82	0	0	-19[illegible]	1	0	0	1	1	0	0.000	0
489	486	39.86	3.95	3.2	6.8	8.63	0	0	-[illegible]12	1	0	0	1	1	0	0.000	0
490	487	39.94	3.47	3.1	8.18	10.98	0	0	-108	1	0	0	1	1	0	0.000	0
491	488	40.03	3.52	3.1	9.19	13.31	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
492	489	40.11	3.72	3.1	9.31	13.11	0	0	-98	1	0	0	1	1	0	0.000	0
493	490	40.19	4.69	3.2	8.06	12.04	0	0	-301	1	0	0	1	1	0	0.000	0
494	491	40.27	4.89	3.3	6.71	8.97	0	0	-459	1	0	0	1	1	0	0.000	0
495	492	40.35	5.01	3.4	5.25	7.94	0	0	-632	1	0	0	1	1	0	0.000	0
496	493	40.44	4.39	3.4	4.48	6.25	0	0	-427	1	0	0	1	1	0	0.000	0
497	494	40.52	4.05	3.4	3.96	5.81	0	0	-345	1	0	0	1	1	0	0.000	0
498	495	40.6	3.39	3.4	3.87	5.7	0	0	-201	1	0	0	1	1	0	0.000	0
499	496	40.68	2.94	3.3	3.85	5.65	0	0	-137	1	0	1	1	1	0	0.000	0
500	497	40.76	2.7	3.3	3.83	5.58	0	0	-111	1	0	1	1	1	0	0.000	0
501	498	40.85	2.79	3.3	3.74	5.55	0	0	-122	1	0	1	1	1	0	0.000	0
502	499	40.93	3.07	3.4	3.66	5.38	0	0	-157	1	0	0	1	1	0	0.000	0
503	500	41.01	3.38	3.4	3.58	5.3	0	0	-206	1	0	0	1	1	0	0.000	0
504	501	41.09	3.58	3.4	3.54	5.28	0	0	-245	1	0	0	1	1	0	0.000	0
505	502	41.17	3.79	3.4	3.45	5.21	0	0	-295	1	0	0	1	1	0	0.000	0
506	503	41.26	3.95	3.5	3.34	5.05	0	0	-341	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	3.98	3.5	3.28	4.94	0	0	-351	1	0	0	1	1	0	0.000	0
508	505	41.42	4	3.5	3.26	4.97	0	0	-358	1	0	0	1	1	0	0.000	0
509	506	41.5	3.87	3.5	3.26	4.97	0	0	-322	1	0	0	1	1	0	0.000	0
510	507	41.58	3.79	3.5	3.25	4.96	0	0	-301	1	0	0	1	1	0	0.000	0
511	508	41.67	3.7	3.5	3.26	4.96	0	0	-279	1	0	0	1	1	0	0.000	0
512	509	41.75	3.8	3.5	3.29	5.04	0	0	-302	1	0	0	1	1	0	0.000	0
513	510	41.83	3.89	3.5	3.39	5.14	0	0	-322	1	0	0	1	1	0	0.000	0
514	511	41.91	3.85	3.4	3.65	5.37	0	0	-303	1	0	0	1	1	0	0.000	0
515	512	41.99	3.7	3.4	3.96	6.02	0	0	-258	1	0	0	1	1	0	0.000	0
516	513	42.08	3.58	3.4	4.3	6.35	0	0	-224	1	0	0	1	1	0	0.000	0
517	514	42.16	3.45	3.3	4.55	6.73	0	0	-195	1	0	0	1	1	0	0.000	0
518	515	42.24	3.33	3.3	4.81	7.12	0	0	-170	1	0	0	1	1	0	0.000	0
519	516	42.32	3.28	3.3	5.01	7.48	0	0	-159	1	0	0	1	1	0	0.000	0
520	517	42.4	3.33	3.3	5.11	7.62	0	0	-163	1	0	0	1	1	0	0.000	0
521	518	42.49	3.4	3.3	5.15	7.63	0	0	-173	1	0	0	1	1	0	0.000	0
522	519	42.57	3.36	3.3	5.28	7.64	0	0	-164	1	0	0	1	1	0	0.000	0
523	520	42.65	3.28	3.2	5.51	8	0	0	-148	1	0	0	1	1	0	0.000	0
524	521	42.73	3.13	3.2	5.81	8.28	0	0	-125	1	0	0	1	1	0	0.000	0
525	522	42.81	3.03	3.2	6.05	8.61	0	0	-110	1	0	0	1	1	0	0.000	0
526	523	42.9	2.94	3.2	6.39	8.84	0	0	-97	1	0	1	1	1	0	0.000	0
527	524	42.98	3.03	3.1	6.77	9.5	0	0	-9	1	0	0	1	1	0	0.000	0
528	525	43.06	3.16	3.1	7.23	9.97	0	0	-101	1	0	0	1	1	0	0.000	0
529	526	43.14	3.49	3.1	7.63	10.54	0	0	-123	1	0	0	1	1	0	0.000	0
530	527	43.22	4.05	3.2	7.9	11.19	0	0	-136	1	0	0	1	1	0	0.000	0
531	528	43.31	4.85	3.2	8.04	11.32	0	0	-343	1	0	0	1	1	0	0.000	0
532	529	43.39	5.6	3.2	8.08	11.44	0	0	-608	1	0	0	1	1	0	0.000	0
533	530	43.47	6.07	3.3	8.11	11.61	0	0	-862	1	0	0	1	1	0	0.000	0
534	531	43.55	6.31	3.3	8.17	11.69	0	0	-1016	1	0	0	1	1	0	0.000	0
535	532	43.63	6.71	3.3	8.06	11.8	0	0	-1397	1	0	0	1	1	0	0.000	0
536	533	43.72	7.27	3.3	7.85	11.32	0	0	-2188	1	0	0	1	1	0	0.000	0
537	534	43.8	7.93	3.4	7.47	11.02	0	0	-3759	1	0	0	1	1	0	0.000	0
538	535	43.88	8.56	3.4	7	10.54	0	0	-6318	1	0	0	1	1	0	0.000	0
539	536	43.96	9.24	3.4	6.46	9.72	0	0	-10904	1	0	0	1	1	0	0.000	0
540	537	44.04	9.81	3.5	5.92	9.1	0	0	-17198	1	0	0	1	1	0	0.000	0
541	538	44.13	10.21	3.5	5.43	8.56	0	0	-23844	1	0	0	1	1	0	0.000	0
542	539	44.21	10.38	3.6	5.1	7.88	0	0	-27780	1	0	0	1	1	0	0.000	0
543	540	44.29	10.82	3.6	4.79	7.87	0	0	-38080	1	0	0	1	1	0	0.000	0
544	541	44.37	11.16	3.6	4.64	7.4	0	0	-47845	1	0	0	1	1	0	0.000	0
545	542	44.45	11.89	3.7	4.32	7.18	0	0	-77331	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	12.46	3.7	4.07	6.65	0	0	-111517	1	0	0	1	1	0	0.000	0
547	544	44.62	13.17	3.7	3.74	6.42	0	0	-174514	1	0	0	1	1	0	0.000	0
548	545	44.7	13.63	3.8	3.49	6.04	0	0	-232814	1	0	0	1	1	0	0.000	0
549	546	44.78	13.51	3.8	3.23	5.71	0	0	-223904	1	0	0	1	1	0	0.000	0
550	547	44.86	12.75	3.8	3.04	5.44	0	0	-148099	1	0	0	1	1	0	0.000	0
551	548	44.95	11.36	3.8	2.93	5.29	0	0	-65796	1	0	0	1	1	0	0.000	0
552	549	45.03	10.43	3.8	2.86	5.26	0	0	-37344	1	0	0	1	1	0	0.000	0
553	550	45.11	9.62	3.7	2.85	5.17	0	0	-22315	1	0	0	1	1	0	0.000	0
554	551	45.19	8.8	3.7	2.91	5.24	0	0	-12939	1	0	0	1	1	0	0.000	0
555	552	45.27	7.76	3.7	3.07	5.47	0	0	-6263	1	0	0	1	1	0	0.000	0
556	553	45.36	6.67	3.6	3.32	5.78	0	0	-2806	1	0	0	1	1	0	0.000	0
557	554	45.44	5.99	3.5	3.6	6.18	0	0	-1645	1	0	0	1	1	0	0.000	0
558	555	45.52	5.74	3.5	3.96	6.55	0	0	-1308	1	0	0	1	1	0	0.000	0
559	556	45.6	5.57	3.4	4.63	7.12	0	0	-1059	1	0	0	1	1	0	0.000	0
560	557	45.69	5.04	3.3	6.04	8.73	0	0	-577	1	0	0	1	1	0	0.000	0
561	558	45.77	4.45	3.2	8.05	12.01	0	0	-249	1	0	0	1	1	0	0.000	0
562	559	45.85	4.52	3.1	9.48	14.92	0	0	-179	1	0	0	1	1	0	0.000	0
563	560	45.93	5.33	3.2	9.82	14.24	0	0	-300	1	0	0	1	1	0	0.000	0
564	561	46.01	6.79	3.2	9.09	13.33	0	0	-1137	1	0	0	1	1	0	0.000	0
565	562	46.1	8.1	3.3	8.21	12.09	0	0	-2604	1	0	0	1	1	0	0.000	0
566	563	46.18	8.85	3.4	7.42	10.89	0	0	-707	1	0	0	1	1	0	0.000	0
567	564	46.26	9.11	3.4	6.69	10.31	0	0	-929	1	0	0	1	1	0	0.000	0
568	565	46.34	8.8	3.5	6.15	9.25	0	0	-8568	1	0	0	1	1	0	0.000	0
569	566	46.42	8.05	3.5	5.64	8.65	0	0	-5568	1	0	0	1	1	0	0.000	0
570	567	46.51	7.02	3.4	5.27	8.24	0	0	-2846	1	0	0	1	1	0	0.000	0
571	568	46.59	6.53	3.4	4.91	7.77	0	0	-2094	1	0	0	1	1	0	0.000	0
572	569	46.67	6.3	3.5	4.58	7.24	0	0	-1845	1	0	0	1	1	0	0.000	0
573	570	46.75	6.06	3.5	4.38	6.95	0	0	-1582	1	0	0	1	1	0	0.000	0
574	571	46.83	5.56	3.5	4.31	6.94	0	0	-1093	1	0	0	1	1	0	0.000	0
575	572	46.92	5.1	3.4	4.28	6.9	0	0	-769	1	0	0	1	1	0	0.000	0
576	573	47	4.78	3.4	4.18	6.77	0	0	-605	1	0	0	1	1	0	0.000	0
577	574	47.08	4.52	3.4	4.01	6.49	0	0	-502	1	0	0	1	1	0	0.000	0
578	575	47.16	4.35	3.4	3.82	6.19	0	0	-447	1	0	0	1	1	0	0.000	0
579	576	47.24	4.22	3.4	3.69	5.98	0	0	-409	1	0	0	1	1	0	0.000	0
580	577	47.33	4.21	3.4	3.69	5.91	0	0	-405	1	0	0	1	1	0	0.000	0
581	578	47.41	4.07	3.4	3.92	6.13	0	0	-352	1	0	0	1	1	0	0.000	0
582	579	47.49	3.9	3.4	4.25	6.7	0	0	-294	1	0	0	1	1	0	0.000	0
583	580	47.57	4.12	3.4	4.64	7.01	0	0	-336	1	0	0	1	1	0	0.000	0
584	581	47.65	4.39	3.3	5.24	7.48	0	0	-386	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	4.65	3.3	5.94	8.91	0	0	-430	1	0	0	1	1	0	0.000	0
586	583	47.82	4.81	3.3	6.73	9.63	0	0	-430	1	0	0	1	1	0	0.000	0
587	584	47.9	4.67	3.2	7.45	10.54	0	0	-337	1	0	0	1	1	0	0.000	0
588	585	47.98	4.45	3.2	8.04	11.92	0	0	-249	1	0	0	1	1	0	0.000	0
589	586	48.06	4.11	3.2	8.21	12.31	0	0	-182	1	0	0	1	1	0	0.000	0
590	587	48.15	4.38	3.2	7.58	11.82	0	0	-260	1	0	0	1	1	0	0.000	0
591	588	48.23	4.99	3.3	6.6	9.97	0	0	-506	1	0	0	1	1	0	0.000	0
592	589	48.31	5.86	3.4	5.8	8.68	0	0	-1123	1	0	0	1	1	0	0.000	0
593	590	48.39	5.9	3.4	5.84	8.46	0	0	-1151	1	0	0	1	1	0	0.000	0
594	591	48.47	5.47	3.3	6.44	9.7	0	0	-755	1	0	0	1	1	0	0.000	0
595	592	48.56	4.95	3.2	7.14	10.65	0	0	-446	1	0	0	1	1	0	0.000	0
596	593	48.64	4.67	3.2	7.62	11.05	0	0	-325	1	0	0	1	1	0	0.000	0
597	594	48.72	4.4	3.2	7.99	11.57	0	0	-242	1	0	0	1	1	0	0.000	0
598	595	48.8	4.26	3.2	8.16	12.04	0	0	-208	1	0	0	1	1	0	0.000	0
599	596	48.88	4.53	3.2	7.85	11.76	0	0	-277	1	0	0	1	1	0	0.000	0
600	597	48.97	5.22	3.3	7.16	10.59	0	0	-548	1	0	0	1	1	0	0.000	0
601	598	49.05	5.97	3.3	6.42	9.49	0	0	-1107	1	0	0	1	1	0	0.000	0
602	599	49.13	5.89	3.4	6.03	8.79	0	0	-1110	1	0	0	1	1	0	0.000	0
603	600	49.21	5.39	3.3	5.88	8.72	0	0	-776	1	0	0	1	1	0	0.000	0
604	601	49.29	5.04	3.3	5.74	8.62	0	0	-503	1	0	0	1	1	0	0.000	0
605	602	49.38	5.28	3.4	5.36	8.11	0	0	-763	1	0	0	1	1	0	0.000	0
606	603	49.46	5.34	3.4	4.91	7.31	0	0	-836	1	0	0	1	1	0	0.000	0
607	604	49.54	4.98	3.4	4.49	6.93	0	0	-682	1	0	0	1	1	0	0.000	0
608	605	49.62	4.16	3.4	4.17	6.52	0	0	-363	1	0	0	1	1	0	0.000	0
609	606	49.7	3.61	3.4	3.94	6.06	0	0	-240	1	0	0	1	1	0	0.000	0
610	607	49.79	3.17	3.4	3.93	5.96	0	0	-165	1	0	0	1	1	0	0.000	0
611	608	49.87	2.81	3.3	4.21	6.37	0	0	-117	1	0	1	1	1	0	0.000	0
612	609	49.95	2.45	3.2	4.69	7.01	0	0	-80	1	0	1	1	1	0	0.000	0
613	610	50.03	2.28	3.2	5.24	7.78	0	0	-64	1	0	1	1	1	0	0.000	0
614	611	50.11	2.38	3.1	5.88	8.51	0	0	-64	1	0	1	1	1	0	0.000	0
615	612	50.2	2.69	3.1	6.38	9.61	0	0	-78	1	0	1	1	1	0	0.000	0
616	613	50.28	2.93	3.1	6.95	9.86	0	0	-87	1	0	1	1	1	0	0.000	0
617	614	50.36	3.04	3.1	7.18	10.8	0	0	-92	1	0	0	1	1	0	0.000	0
618	615	50.44	3.06	3.1	7.48	10.87	0	0	-88	1	0	0	1	1	0	0.000	0
619	616	50.52	2.01	3.0	7.59	11.44	0	0	-34	1	0	1	1	1	0	0.000	0
620	617	50.61	1.01	2.9	7.94	11.39	0	0	-12	1	0	1	1	1	0	0.000	0
621	618	50.69	0	4.1	8.1	11.98	0	0	-4	1	0	1	1	1	0	0.000	0
622	619	50.77	0	4.1	8.22	11.82	0	0	-4	1	0	1	1	1	0	0.000	0
623	620	50.85	0	4.1	8.17	11.81	0	0	-4	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

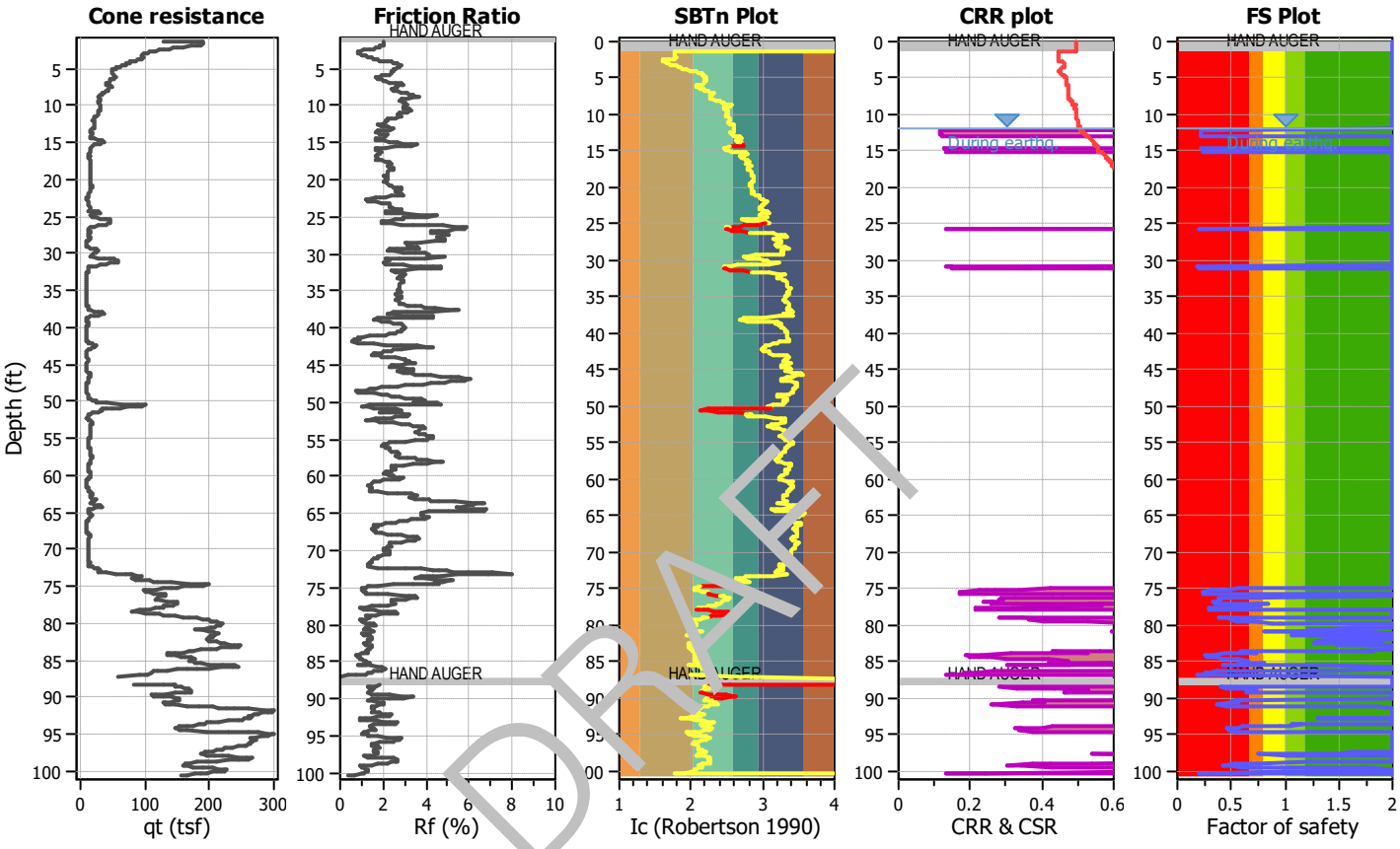
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-21

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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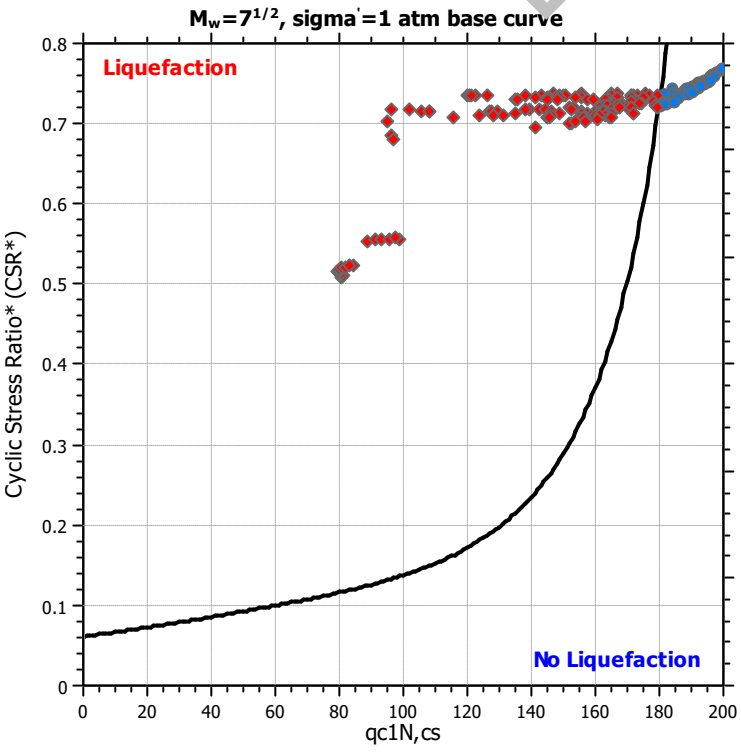
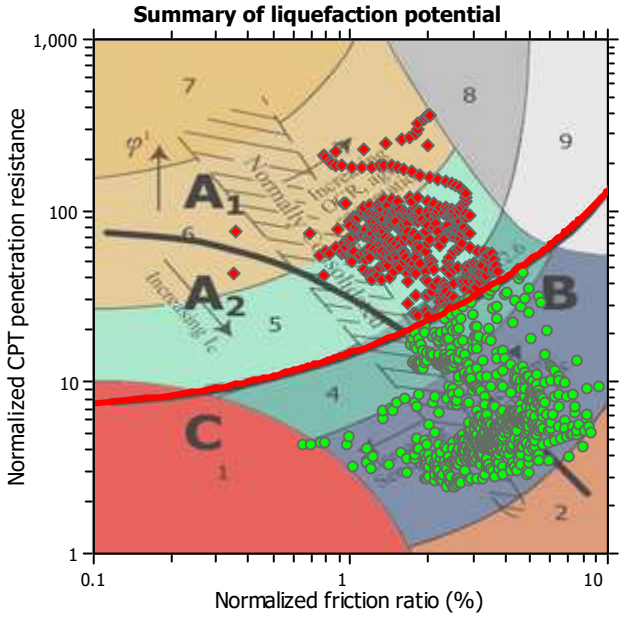
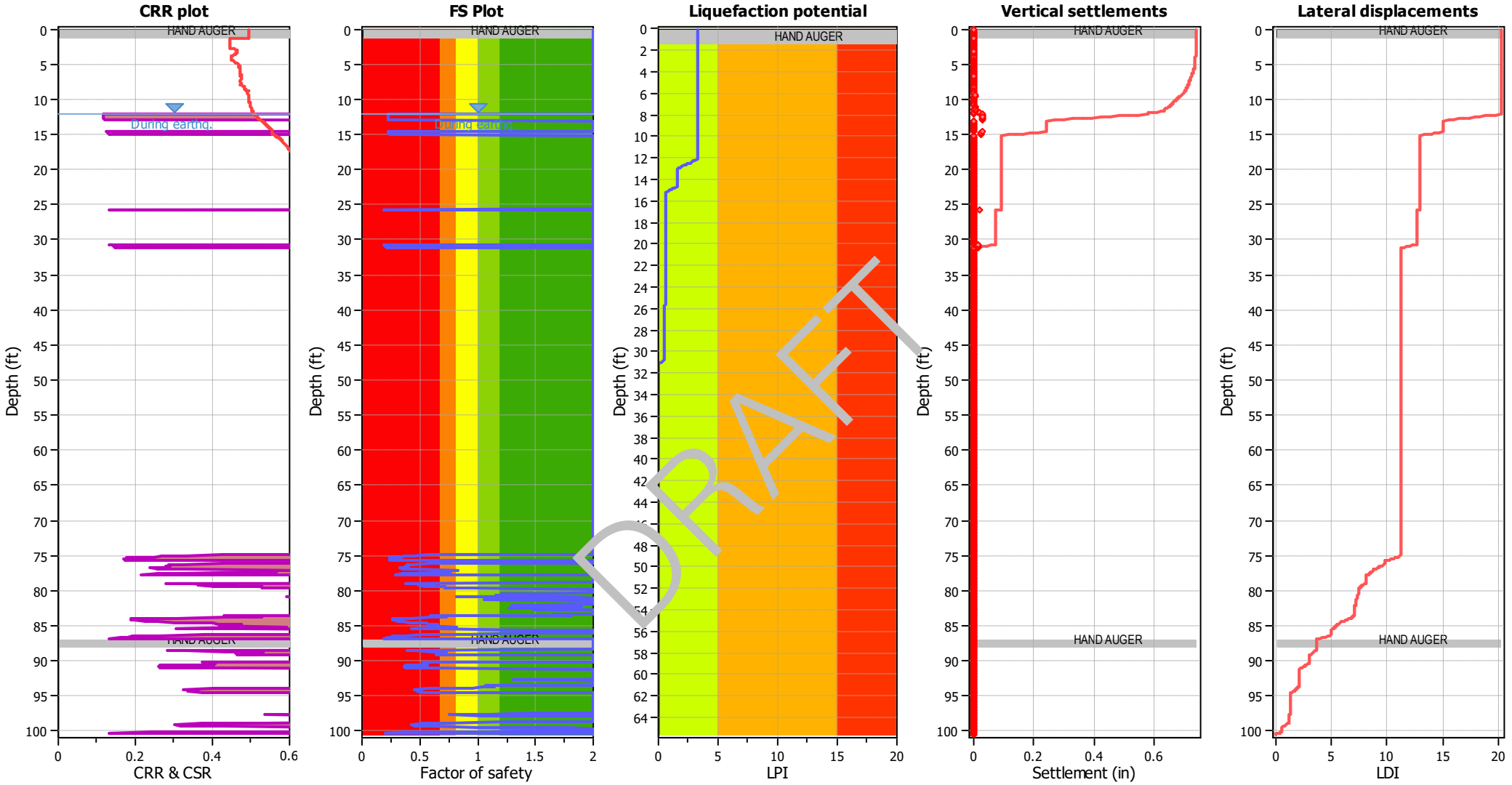




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-21, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.560	0.03
20	17	1.39	1.99	1.9	243.47	315.56	0	0	2571	0	1	1	0	1	0	0.560	0.03
21	18	1.48	2.02	1.8	361.01	305.58	0	0	2437	0	1	1	0	1	0	0.560	0.03
22	19	1.56	2.04	1.8	358.03	299.69	0	0	2460	0	1	1	0	1	0	0.560	0.03
23	20	1.64	2.02	1.8	355.65	308	0	0	2399	0	1	1	0	1	0	0.560	0.03
24	21	1.72	1.98	1.8	359.09	299.55	0	0	2337	0	1	1	0	1	0	0.560	0.03
25	22	1.8	1.99	1.8	355.49	308.51	0	0	2334	0	1	1	0	1	0	0.560	0.03
26	23	1.89	1.96	1.8	352.65	298.86	0	0	2252	0	1	1	0	1	0	0.560	0.03
27	24	1.97	1.91	1.8	339.74	292.35	0	0	2070	0	1	1	0	1	0	0.560	0.03
28	25	2.05	1.83	1.8	321.81	275.63	0	0	1818	0	1	1	0	1	0	0.560	0.03
29	26	2.13	1.82	1.8	299.74	253.16	0	0	1673	0	1	1	0	1	0	0.560	0.03
30	27	2.21	1.79	1.8	282.25	236.11	0	0	1528	0	1	1	0	1	0	0.560	0.03
31	28	2.3	1.69	1.8	271.55	231.04	0	0	1338	0	1	1	0	1	0	0.560	0.03
32	29	2.38	1.58	1.8	258.87	225.91	0	0	1149	0	1	1	0	1	0	0.560	0.03
33	30	2.46	1.36	1.7	244.66	203.8	0	0	881	0	1	1	0	1	0	0.560	0.03
34	31	2.54	1.12	1.7	230.11	194.84	0	0	657	0	1	1	0	1	0	0.560	0.03
35	32	2.62	0.87	1.6	222.1	188.84	0	0	498	0	1	1	0	1	0	0.560	0.03
36	33	2.71	0.79	1.6	211.9	183.38	0	0	438	0	1	1	0	1	0	0.560	0.03
37	34	2.79	0.81	1.6	202.8	168.86	0	0	426	0	1	1	0	1	0	0.560	0.03
38	35	2.87	0.83	1.6	194.62	165.68	0	0	416	0	1	1	0	1	0	0.560	0.03

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	0.85	1.7	190.28	162.54	0	0	414	0	1	1	0	1	0	0.560	0.03
40	37	3.03	0.88	1.7	186.23	157.8	0	0	417	1	1	1	0	1	0	0.560	0.03
41	38	3.12	0.93	1.7	182.32	155.34	0	0	427	1	1	1	0	1	0	0.560	0.03
42	39	3.2	1.01	1.7	180.23	152.6	0	0	456	1	1	1	0	1	0	0.560	0.03
43	40	3.28	1.11	1.8	179.3	152.5	0	0	499	1	1	1	0	1	0	0.560	0.03
44	41	3.36	1.2	1.8	180.45	153	0	0	548	1	1	1	0	1	0	0.560	0.03
45	42	3.44	1.29	1.8	181.99	155.57	0	0	602	1	1	1	0	1	0	0.560	0.03
46	43	3.53	1.36	1.8	183.33	156.45	0	0	648	1	1	1	0	1	0	0.560	0.03
47	44	3.61	1.43	1.8	182.69	156.45	0	0	690	1	1	1	0	1	0	0.560	0.03
48	45	3.69	1.52	1.9	179.28	153.97	0	0	735	1	1	1	0	1	0	0.560	0.03
49	46	3.77	1.62	1.9	174.25	147.79	0	0	783	1	1	1	0	1	0	0.560	0.03
50	47	3.85	1.72	1.9	168.11	143.65	0	0	826	1	1	1	0	1	0	0.560	0.03
51	48	3.94	1.85	2.0	162.4	138.12	0	0	897	1	1	1	0	1	0	0.560	0.03
52	49	4.02	2.02	2.0	156.64	131.87	0	0	1008	1	1	1	0	1	0	0.560	0.03
53	50	4.1	2.2	2.0	151.4	126.7	0	0	1143	1	1	1	0	1	0	0.560	0.03
54	51	4.18	2.36	2.1	147.05	122.11	0	0	1278	1	1	1	0	1	0	0.560	0.03
55	52	4.26	2.47	2.1	143.74	118.84	0	0	1375	1	1	1	0	1	0	0.560	0.03
56	53	4.35	2.58	2.1	139.94	116.57	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
57	54	4.43	2.68	2.1	135.28	111.56	0	0	1[illegible]49	1	1	1	0	1	0	0.560	0.03
58	55	4.51	2.77	2.2	129.97	106.75	0	0	16[illegible]3	1	1	1	0	1	0	0.560	0.03
59	56	4.59	2.82	2.2	124.93	103.42	0	0	160[illegible]	1	1	1	0	1	0	0.560	0.03
60	57	4.68	2.81	2.2	120.06	99.24	0	0	1[illegible]20	1	1	1	0	1	0	0.560	0.03
61	58	4.76	2.79	2.2	114.52	94.95	0	0	1417	1	1	1	0	1	0	0.560	0.03
62	59	4.84	2.76	2.2	108.98	90.38	0	0	1306	1	1	1	0	1	0	0.560	0.03
63	60	4.92	2.7	2.2	104.43	86.24	0	0	1180	1	1	1	0	1	0	0.560	0.03
64	61	5	2.6	2.2	101.34	84.15	0	0	1044	1	1	1	0	1	0	0.560	0.03
65	62	5.09	2.52	2.2	99.25	82.72	0	0	950	1	1	1	0	1	0	0.560	0.03
66	63	5.17	2.5	2.2	97.14	80.66	0	0	911	1	1	1	0	1	0	0.560	0.03
67	64	5.25	2.52	2.2	94.78	78.45	0	0	901	1	1	1	0	1	0	0.560	0.03
68	65	5.33	2.51	2.2	93.43	76.45	0	0	879	1	1	1	0	1	0	0.560	0.03
69	66	5.41	2.48	2.2	92.75	76.57	0	0	848	1	1	1	0	1	0	0.560	0.03
70	67	5.5	2.43	2.2	93.03	75.92	0	0	814	1	1	1	0	1	0	0.560	0.03
71	68	5.58	2.41	2.2	93.2	75.83	0	0	802	1	1	1	0	1	0	0.560	0.03
72	69	5.66	2.38	2.2	93.73	75.72	0	0	786	1	1	1	0	1	0	0.560	0.03
73	70	5.74	2.38	2.2	94.79	75.79	0	0	796	1	1	1	0	1	0	0.560	0.03
74	71	5.82	2.3	2.2	96.38	77.04	0	0	755	1	1	1	0	1	0	0.560	0.03
75	72	5.91	2.17	2.2	97.95	78.16	0	0	684	1	1	1	0	1	0	0.560	0.03
76	73	5.99	1.98	2.1	99.24	78.47	0	0	585	1	1	1	0	1	0	0.560	0.03
77	74	6.07	1.83	2.1	99.65	79.37	0	0	512	1	1	1	0	1	0	0.560	0.03
78	75	6.15	1.74	2.1	98.78	79.91	0	0	467	1	1	1	0	1	0	0.560	0.03

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	1.71	2.1	97.19	78.67	0	0	446	1	1	1	0	1	0	0.560	0.03
80	77	6.32	1.72	2.1	95.98	76.78	0	0	443	1	1	1	0	1	0	0.560	0.03
81	78	6.4	1.78	2.1	92.67	77.13	0	0	450	1	1	1	0	1	0	0.560	0.03
82	79	6.48	1.87	2.1	87.95	70.34	0	0	460	1	1	1	0	1	0	0.560	0.03
83	80	6.56	1.96	2.2	83.6	64.57	0	0	471	1	1	1	0	1	0	0.560	0.03
84	81	6.64	2	2.2	81.8	66.24	0	0	476	1	1	1	0	1	0	0.560	0.03
85	82	6.73	2.01	2.2	82.18	65.87	0	0	483	1	1	1	0	1	0	0.560	0.03
86	83	6.81	2.12	2.2	80.86	65.57	0	0	523	1	1	1	0	1	0	0.560	0.03
87	84	6.89	2.33	2.2	79.02	62.34	0	0	615	1	1	1	0	1	0	0.560	0.03
88	85	6.97	2.6	2.3	76.68	59.93	0	0	755	1	1	1	0	1	0	0.560	0.03
89	86	7.05	2.84	2.3	74.73	58.28	0	0	903	1	1	1	0	1	0	0.560	0.03
90	87	7.14	2.93	2.3	74.17	56.58	0	0	968	1	1	1	0	1	0	0.560	0.03
91	88	7.22	2.86	2.3	75.49	58.53	0	0	930	1	1	1	0	1	0	0.560	0.03
92	89	7.3	2.7	2.3	79.12	62.2	0	0	855	1	1	1	0	1	0	0.560	0.03
93	90	7.38	2.64	2.3	81.61	66.45	0	0	842	1	1	1	0	1	0	0.560	0.03
94	91	7.46	2.65	2.3	82.14	65.3	0	0	856	1	1	1	0	1	0	0.560	0.03
95	92	7.55	2.65	2.3	79.94	63.97	0	0	829	1	1	1	0	1	0	0.560	0.03
96	93	7.63	2.63	2.3	77.08	61.99	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
97	94	7.71	2.55	2.3	74.76	59.2	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
98	95	7.79	2.49	2.3	74.24	59.48	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
99	96	7.87	2.44	2.3	73.7	61.56	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
100	97	7.96	2.46	2.3	72.69	58.67	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
101	98	8.04	2.55	2.3	69.51	57.33	0	0	641	1	1	1	0	1	0	0.560	0.03
102	99	8.12	2.72	2.3	65.02	53.74	0	0	686	1	1	1	0	1	0	0.560	0.03
103	100	8.2	2.9	2.4	60.92	47.22	0	0	740	1	1	1	0	1	0	0.560	0.03
104	101	8.28	3.1	2.4	58.03	47	0	0	827	1	1	0	0	1	0	0.560	0.03
105	102	8.37	3.14	2.4	57.7	46.33	0	0	850	1	1	0	0	1	0	0.560	0.03
106	103	8.45	3.3	2.4	57.16	46.55	0	0	963	1	1	0	0	1	0	0.560	0.03
107	104	8.53	3.39	2.5	56.25	45.5	0	0	1018	1	1	0	0	1	0	0.560	0.03
108	105	8.61	3.43	2.5	54.31	44.18	0	0	1007	1	1	0	0	1	0	0.560	0.03
109	106	8.69	3.42	2.5	51.62	42.12	0	0	934	1	1	0	0	1	0	0.560	0.03
110	107	8.78	3.57	2.5	47.24	39.35	0	0	941	1	1	0	0	1	0	0.560	0.03
111	108	8.86	3.73	2.6	44.4	33.5	0	0	988	1	1	0	0	1	0	0.560	0.03
112	109	8.94	3.58	2.5	44.72	35.23	0	0	880	1	1	0	0	1	0	0.560	0.03
113	110	9.02	3.22	2.5	47.89	40.72	0	0	713	1	1	0	0	1	0	0.560	0.03
114	111	9.1	2.99	2.5	49.21	42.43	0	0	607	1	1	1	0	1	0	0.560	0.03
115	112	9.19	2.92	2.5	47.86	39.52	0	0	550	1	1	1	0	1	0	0.560	0.03
116	113	9.27	2.87	2.5	45.3	37.88	0	0	489	1	1	1	0	1	0	0.560	0.03
117	114	9.35	2.86	2.5	43.24	36.52	0	0	454	1	1	1	0	1	0	0.560	0.03
118	115	9.43	2.89	2.5	41.78	34.65	0	0	444	1	1	1	0	1	0	0.560	0.03

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	3.01	2.5	40.82	34.36	0	0	476	1	1	0	0	1	0	0.560	0.03
120	117	9.6	3.07	2.5	41	34.06	0	0	505	1	1	0	0	1	0	0.560	0.03
121	118	9.68	3.09	2.5	41.79	35.18	0	0	528	1	1	0	0	1	0	0.560	0.03
122	119	9.76	3.08	2.5	42.86	36.56	0	0	542	1	1	0	0	1	0	0.560	0.03
123	120	9.84	3.1	2.5	43.33	37.01	0	0	560	1	1	0	0	1	0	0.560	0.03
124	121	9.92	3.15	2.5	43.33	36.62	0	0	585	1	1	0	0	1	0	0.560	0.03
125	122	10.01	3.16	2.5	43.56	36.74	0	0	594	1	1	0	0	1	0	0.560	0.03
126	123	10.09	3.13	2.5	43.86	37.82	0	0	585	1	1	0	0	1	0	0.560	0.03
127	124	10.17	3.05	2.5	44.79	37.71	0	0	562	1	1	0	0	1	0	0.560	0.03
128	125	10.25	2.98	2.5	44.99	39.52	0	0	532	1	1	1	0	1	0	0.560	0.03
129	126	10.33	3	2.5	44.62	38.76	0	0	536	1	1	0	0	1	0	0.560	0.03
130	127	10.42	3.13	2.5	43.41	37.01	0	0	576	1	1	0	0	1	0	0.560	0.03
131	128	10.5	3.26	2.5	42.5	36.41	0	0	625	1	1	0	0	1	0	0.560	0.03
132	129	10.58	3.34	2.5	42.3	36.43	0	0	665	1	1	0	0	1	0	0.560	0.03
133	130	10.66	3.34	2.5	41.92	36.58	0	0	656	1	1	0	0	1	0	0.560	0.03
134	131	10.74	3.34	2.6	41.02	35.68	0	0	636	1	1	0	0	1	0	0.560	0.03
135	132	10.83	3.29	2.6	39.7	34.38	0	0	582	1	1	0	0	1	0	0.560	0.03
136	133	10.91	3.16	2.6	38.88	33.53	0	0	[illegible]	1	1	0	0	1	0	0.560	0.03
137	134	10.99	3.01	2.5	38.75	33.98	0	0	41	1	1	0	0	1	0	0.560	0.03
138	135	11.07	2.85	2.5	38.69	34.52	0	0	[illegible]	1	1	1	0	1	0	0.560	0.03
139	136	11.15	2.76	2.5	38.18	33.88	0	0	347	1	1	1	0	1	0	0.560	0.03
140	137	11.24	2.74	2.5	36.92	33.04	0	0	325	1	1	1	0	1	0	0.560	0.03
141	138	11.32	2.79	2.6	34.91	31.44	0	0	311	1	1	1	0	1	0	0.560	0.03
142	139	11.4	2.88	2.6	32.75	28.69	0	0	304	1	1	1	0	1	0	0.560	0.03
143	140	11.48	2.92	2.6	30.76	27.37	0	0	284	1	0	1	0	1	0	0.560	0.03
144	141	11.56	2.82	2.6	29.65	26.33	0	0	245	1	0	1	0	1	0	0.560	0.03
145	142	11.65	2.63	2.6	28.51	26.02	0	0	193	1	0	1	0	1	0	0.560	0.03
146	143	11.73	2.42	2.6	27.52	24.74	0	0	151	1	1	1	0	1	0	0.560	0.03
147	144	11.81	2.32	2.6	26.39	24.07	0	0	127	1	1	1	0	1	0	0.560	0.03
148	145	11.89	2.3	2.6	25.58	23.24	0	0	118	1	0	1	0	1	0	0.560	0.03
149	146	11.97	2.3	2.6	25.12	22.63	0	0	114	1	0	1	0	1	0	0.560	0.03
150	147	12.06	2.28	2.6	24.98	22.91	0	0	110	1	0	1	0	1	0	0.560	0.03
151	148	12.14	2.2	2.6	25.17	23.01	0.03	0.48	104	1	1	1	0	1	0	0.560	0.03
152	149	12.22	2.22	2.6	25.37	23.34	0.03	0.48	108	1	1	1	0	1	0	0.530	0.03
153	150	12.3	2.2	2.6	25.37	23.56	0.03	0.47	106	1	1	1	0	1	0	0.500	0.03
154	151	12.38	2.17	2.6	24.94	23.13	0.03	0.48	100	1	1	1	0	1	0	0.470	0.03
155	152	12.47	1.99	2.6	24.61	22.32	0.03	0.49	82	1	1	1	0	1	0	0.440	0.03
156	153	12.55	1.82	2.6	24.6	22.97	0.03	0.49	70	1	0	1	1	1	0	0.410	0.03
157	154	12.63	1.79	2.5	25.08	23.44	0.03	0.48	71	1	1	1	1	1	0.03	0.380	0.03
158	155	12.71	1.97	2.6	25.58	23.79	0.03	0.48	87	1	1	1	0	1	0	0.350	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	2.17	2.6	26.63	24.21	0.03	0.47	113	1	1	1	0	1	0	0.320	0
160	157	12.88	2.28	2.6	27.21	26.08	0.03	0.44	130	1	1	1	0	1	0	0.290	0
161	158	12.96	2.32	2.6	26.92	25.29	0.03	0.45	132	1	1	1	0	1	0	0.260	0
162	159	13.04	2.48	2.6	24.76	23.45	0	0	130	1	0	1	0	1	0	0.230	0
163	160	13.12	2.59	2.7	22.19	20.24	0	0	113	1	0	1	0	1	0	0.230	0
164	161	13.21	2.62	2.7	19.88	18.33	0	0	88	1	0	1	0	1	0	0.230	0
165	162	13.29	2.38	2.7	18.65	17.29	0	0	59	1	0	1	1	1	0	0.230	0
166	163	13.37	2.09	2.7	18.09	17.06	0	0	42	1	0	1	1	1	0	0.230	0
167	164	13.45	1.86	2.7	17.8	17.05	0	0	32	1	0	1	1	1	0	0.230	0
168	165	13.53	1.75	2.7	17.94	16.73	0	0	30	1	0	1	1	1	0	0.230	0
169	166	13.62	1.73	2.6	18.44	17.6	0	0	32	1	0	1	1	1	0	0.230	0
170	167	13.7	1.79	2.6	19.19	18.56	0	0	38	1	0	1	1	1	0	0.230	0
171	168	13.78	1.97	2.7	19.47	18.89	0	0	47	1	0	1	1	1	0	0.230	0
172	169	13.86	2.14	2.7	19.48	18.35	0	0	54	1	0	1	1	1	0	0.230	0
173	170	13.94	2.27	2.7	19.17	18.58	0	0	58	1	0	1	1	1	0	0.230	0
174	171	14.03	2.26	2.7	18.77	18.03	0	0	54	1	0	1	1	1	0	0.230	0
175	172	14.11	2.27	2.7	18.09	17.34	0	0	49	1	0	1	1	1	0	0.230	0
176	173	14.19	2.22	2.7	17.47	16.75	0	0	42	1	0	1	1	1	0	0.230	0
177	174	14.27	2.2	2.7	17.44	16.4	0	0	41	1	0	1	1	1	0	0.230	0
178	175	14.35	2.12	2.7	18.31	17.35	0	0	44	1	0	1	1	1	0	0.230	0
179	176	14.44	1.94	2.6	20.92	19.35	0	0	55	1	0	1	1	1	0	0.230	0
180	177	14.52	1.75	2.5	24.84	23.96	0	0	67	1	1	1	1	1	0	0.230	0
181	178	14.6	1.67	2.5	28.98	28.76	0	0	84	1	1	1	0	1	0	0.230	0
182	179	14.68	1.8	2.5	32.12	31.4	0.03	0.4	112	1	1	1	0	1	0	0.230	0
183	180	14.76	2.05	2.5	34.15	33.02	0.03	0.38	156	1	1	1	0	1	0	0.200	0
184	181	14.85	2.32	2.5	35.88	34.5	0.03	0.36	214	1	1	1	0	1	0	0.170	0
185	182	14.93	2.52	2.5	37.73	36.29	0.02	0.3	276	1	1	1	0	1	0	0.140	0
186	183	15.01	2.72	2.5	38.47	38.34	0.02	0.32	339	1	1	1	0	1	0	0.120	0
187	184	15.09	3.06	2.6	36.33	36.64	0.02	0.32	418	1	1	0	0	1	0	0.100	0
188	185	15.17	3.44	2.6	31.83	30.2	0	0	469	1	0	0	0	1	0	0.080	0
189	186	15.26	3.75	2.7	26.92	25.54	0	0	454	1	0	0	0	1	0	0.080	0
190	187	15.34	3.72	2.8	23.09	22.74	0	0	325	1	0	0	0	1	0	0.080	0
191	188	15.42	3.51	2.8	20.29	19.49	0	0	201	1	0	0	0	1	0	0.080	0
192	189	15.5	3.16	2.8	18.27	17.75	0	0	110	1	0	0	0	1	0	0.080	0
193	190	15.58	2.75	2.8	17.28	17.16	0	0	64	1	0	1	1	1	0	0.080	0
194	191	15.67	2.22	2.7	16.83	16.82	0	0	36	1	0	1	1	1	0	0.080	0
195	192	15.75	1.88	2.7	16.48	16.68	0	0	24	1	0	1	1	1	0	0.080	0
196	193	15.83	1.73	2.7	16.19	16.34	0	0	20	1	0	1	1	1	0	0.080	0
197	194	15.91	1.78	2.7	15.86	16.07	0	0	19	1	0	1	1	1	0	0.080	0
198	195	15.99	1.84	2.7	15.57	15.75	0	0	18	1	0	1	1	1	0	0.080	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	1.94	2.7	15.16	15.52	0	0	17	1	0	1	1	1	0	0.080	0
200	197	16.16	2.05	2.8	14.71	14.92	0	0	16	1	0	1	1	1	0	0.080	0
201	198	16.24	2.1	2.8	14.29	14.5	0	0	13	1	0	1	1	1	0	0.080	0
202	199	16.32	2.07	2.8	13.88	14.37	0	0	10	1	0	1	1	1	0	0.080	0
203	200	16.4	1.99	2.8	13.37	13.82	0	0	6	1	0	1	1	1	0	0.080	0
204	201	16.49	1.95	2.8	12.83	13.09	0	0	2	1	0	1	1	1	0	0.080	0
205	202	16.57	1.88	2.8	12.71	12.87	0	0	1	1	0	1	1	1	0	0.080	0
206	203	16.65	1.84	2.8	12.9	13.51	0	0	2	1	0	1	1	1	0	0.080	0
207	204	16.73	1.78	2.8	13.18	13.73	0	0	4	1	0	1	1	1	0	0.080	0
208	205	16.81	1.76	2.8	12.95	13.75	0	0	2	1	0	1	1	1	0	0.080	0
209	206	16.9	1.82	2.8	12.44	12.9	0	0	0	1	0	1	1	1	0	0.080	0
210	207	16.98	1.88	2.8	11.96	12.29	0	0	-3	1	0	1	1	1	0	0.080	0
211	208	17.06	1.92	2.8	11.73	12.39	0	0	-5	1	0	1	1	1	0	0.080	0
212	209	17.14	1.85	2.8	11.79	12.28	0	0	-4	1	0	1	1	1	0	0.080	0
213	210	17.22	1.82	2.8	12.14	12.52	0	0	-2	1	0	1	1	1	0	0.080	0
214	211	17.31	1.84	2.8	12.75	13.48	0	0	1	1	0	1	1	1	0	0.080	0
215	212	17.39	1.96	2.8	13.55	14.12	0	0	7	1	0	1	1	1	0	0.080	0
216	213	17.47	2.09	2.8	14.08	14.95	0	0	12	1	0	1	1	1	0	0.080	0
217	214	17.55	2.24	2.8	14.43	15.13	0	0	16	1	0	1	1	1	0	0.080	0
218	215	17.63	2.35	2.8	14.41	15.2	0	0	15	1	0	1	1	1	0	0.080	0
219	216	17.72	2.46	2.8	14.17	14.95	0	0	12	1	0	1	1	1	0	0.080	0
220	217	17.8	2.56	2.8	13.72	14.5	0	0	14	1	0	1	1	1	0	0.080	0
221	218	17.88	2.58	2.9	13.41	13.92	0	0	11	1	0	1	1	1	0	0.080	0
222	219	17.96	2.49	2.9	13.34	14.11	0	0	9	1	0	1	1	1	0	0.080	0
223	220	18.04	2.38	2.8	13.49	14.36	0	0	10	1	0	1	1	1	0	0.080	0
224	221	18.13	2.36	2.8	13.51	14.45	0	0	10	1	0	1	1	1	0	0.080	0
225	222	18.21	2.4	2.8	13.44	14.23	0	0	9	1	0	1	1	1	0	0.080	0
226	223	18.29	2.45	2.8	13.35	14.21	0	0	9	1	0	1	1	1	0	0.080	0
227	224	18.37	2.5	2.9	13.34	14.25	0	0	9	1	0	1	1	1	0	0.080	0
228	225	18.45	2.56	2.9	13.3	14.28	0	0	9	1	0	1	1	1	0	0.080	0
229	226	18.54	2.64	2.9	13.23	14.16	0	0	9	1	0	1	1	1	0	0.080	0
230	227	18.62	2.64	2.9	13.12	14.11	0	0	8	1	0	1	1	1	0	0.080	0
231	228	18.7	2.56	2.9	13	14.02	0	0	6	1	0	1	1	1	0	0.080	0
232	229	18.78	2.45	2.9	12.79	13.88	0	0	3	1	0	1	1	1	0	0.080	0
233	230	18.86	2.39	2.9	12.36	13.52	0	0	-1	1	0	1	1	1	0	0.080	0
234	231	18.95	2.38	2.9	11.96	12.8	0	0	-5	1	0	1	1	1	0	0.080	0
235	232	19.03	2.37	2.9	11.85	12.71	0	0	-6	1	0	1	1	1	0	0.080	0
236	233	19.11	2.4	2.9	12.01	13.24	0	0	-5	1	0	1	1	1	0	0.080	0
237	234	19.19	2.42	2.9	12.25	13.34	0	0	-3	1	0	1	1	1	0	0.080	0
238	235	19.27	2.43	2.9	12.39	13.51	0	0	-1	1	0	1	1	1	0	0.080	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	2.36	2.9	12.56	13.74	0	0	1	1	0	1	1	1	0	0.080	0
240	237	19.44	2.27	2.8	12.69	13.93	0	0	2	1	0	1	1	1	0	0.080	0
241	238	19.52	2.19	2.8	12.78	13.98	0	0	2	1	0	1	1	1	0	0.080	0
242	239	19.6	2.17	2.8	12.85	14.07	0	0	3	1	0	1	1	1	0	0.080	0
243	240	19.68	2.22	2.8	13.01	14.2	0	0	4	1	0	1	1	1	0	0.080	0
244	241	19.77	2.33	2.8	13.21	14.52	0	0	7	1	0	1	1	1	0	0.080	0
245	242	19.85	2.36	2.8	13.41	14.77	0	0	9	1	0	1	1	1	0	0.080	0
246	243	19.93	2.35	2.8	13.34	14.86	0	0	8	1	0	1	1	1	0	0.080	0
247	244	20.01	2.31	2.8	13.11	14.38	0	0	6	1	0	1	1	1	0	0.080	0
248	245	20.09	2.28	2.8	12.81	14.11	0	0	3	1	0	1	1	1	0	0.080	0
249	246	20.18	2.24	2.8	12.63	14	0	0	1	1	0	1	1	1	0	0.080	0
250	247	20.26	2.22	2.8	12.53	13.87	0	0	0	1	0	1	1	1	0	0.080	0
251	248	20.34	2.26	2.9	12.51	13.85	0	0	0	1	0	1	1	1	0	0.080	0
252	249	20.42	2.33	2.9	12.53	14.01	0	0	0	1	0	1	1	1	0	0.080	0
253	250	20.5	2.37	2.9	12.52	13.98	0	0	0	1	0	1	1	1	0	0.080	0
254	251	20.59	2.36	2.9	12.53	13.9	0	0	0	1	0	1	1	1	0	0.080	0
255	252	20.67	2.41	2.9	12.54	14.1	0	0	0	1	0	1	1	1	0	0.080	0
256	253	20.75	2.49	2.9	12.85	14.1	0	0	4	1	0	1	1	1	0	0.080	0
257	254	20.83	2.55	2.9	13.25	14.94	0	0	8	1	0	1	1	1	0	0.080	0
258	255	20.92	2.55	2.9	13.59	15.42	0	0	2	1	0	1	1	1	0	0.080	0
259	256	21	2.67	2.9	13.43	15.24	0	0	12	1	0	1	1	1	0	0.080	0
260	257	21.08	2.88	2.9	12.91	14.54	0	0	6	1	0	1	1	1	0	0.080	0
261	258	21.16	3.11	2.9	12.26	13.86	0	0	-4	1	0	0	1	1	0	0.080	0
262	259	21.24	3.11	3.0	11.78	13.26	0	0	-13	1	0	0	1	1	0	0.080	0
263	260	21.33	2.96	3.0	11.44	13.09	0	0	-17	1	0	1	1	1	0	0.080	0
264	261	21.41	2.81	2.9	11.1	12.85	0	0	-20	1	0	1	1	1	0	0.080	0
265	262	21.49	2.79	3.0	10.72	12.23	0	0	-25	1	0	1	1	1	0	0.080	0
266	263	21.57	2.87	3.0	10.4	11.93	0	0	-31	1	0	1	1	1	0	0.080	0
267	264	21.65	2.92	3.0	10.26	11.87	0	0	-35	1	0	1	1	1	0	0.080	0
268	265	21.74	2.96	3.0	10.07	11.83	0	0	-39	1	0	1	1	1	0	0.080	0
269	266	21.82	2.95	3.0	9.74	11.35	0	0	-44	1	0	1	1	1	0	0.080	0
270	267	21.9	3.07	3.0	9.27	10.83	0	0	-57	1	0	0	1	1	0	0.080	0
271	268	21.98	3.16	3.1	8.96	10.36	0	0	-68	1	0	0	1	1	0	0.080	0
272	269	22.06	3.23	3.1	8.88	10.39	0	0	-74	1	0	0	1	1	0	0.080	0
273	270	22.15	3	3.0	8.83	10.61	0	0	-61	1	0	0	1	1	0	0.080	0
274	271	22.23	2.67	3.0	8.51	10.25	0	0	-50	1	0	1	1	1	0	0.080	0
275	272	22.31	2.38	3.0	8.04	9.42	0	0	-43	1	0	1	1	1	0	0.080	0
276	273	22.39	2.1	3.0	7.56	9.14	0	0	-37	1	0	1	1	1	0	0.080	0
277	274	22.47	1.84	3.0	7.17	8.72	0	0	-32	1	0	1	1	1	0	0.080	0
278	275	22.56	1.48	3.0	6.83	8.19	0	0	-24	1	0	1	1	1	0	0.080	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	1.35	3.0	6.65	8.09	0	0	-22	1	0	1	1	1	0	0.080	0
280	277	22.72	1.35	3.0	6.69	8.14	0	0	-22	1	0	1	1	1	0	0.080	0
281	278	22.8	1.45	3.0	6.9	8.34	0	0	-23	1	0	1	1	1	0	0.080	0
282	279	22.88	1.51	3.0	7.43	8.8	0	0	-22	1	0	1	1	1	0	0.080	0
283	280	22.97	1.64	2.9	7.94	9.88	0	0	-22	1	0	1	1	1	0	0.080	0
284	281	23.05	1.85	3.0	8.29	10.04	0	0	-25	1	0	1	1	1	0	0.080	0
285	282	23.13	2.13	3.0	8.23	9.96	0	0	-33	1	0	1	1	1	0	0.080	0
286	283	23.21	2.39	3.0	7.98	9.69	0	0	-44	1	0	1	1	1	0	0.080	0
287	284	23.29	2.56	3.1	7.63	9.23	0	0	-55	1	0	1	1	1	0	0.080	0
288	285	23.38	2.59	3.1	7.33	8.82	0	0	-60	1	0	1	1	1	0	0.080	0
289	286	23.46	2.61	3.1	7.29	8.71	0	0	-62	1	0	1	1	1	0	0.080	0
290	287	23.54	2.63	3.1	7.63	9.13	0	0	-59	1	0	1	1	1	0	0.080	0
291	288	23.62	2.54	3.0	8.32	9.98	0	0	-47	1	0	1	1	1	0	0.080	0
292	289	23.7	2.5	3.0	9.14	11.06	0	0	-36	1	0	1	1	1	0	0.080	0
293	290	23.79	2.64	3.0	10.05	11.93	0	0	-30	1	0	1	1	1	0	0.080	0
294	291	23.87	2.8	3.0	10.92	13.12	0	0	-22	1	0	1	1	1	0	0.080	0
295	292	23.95	2.91	3.0	11.01	14.09	0	0	-23	1	0	1	1	1	0	0.080	0
296	293	24.03	2.96	3.0	10.29	12.34	0	0	-26	1	0	1	1	1	0	0.080	0
297	294	24.11	3.18	3.1	9.07	10.8	0	0	67	1	0	0	1	1	0	0.080	0
298	295	24.2	3.16	3.1	8.9	10.04	0	0	-9	1	0	0	1	1	0	0.080	0
299	296	24.28	2.65	2.9	10.79	11.86	0	0	-21	1	0	1	1	1	0	0.080	0
300	297	24.36	2.21	2.8	14.48	17.3	0	0	16	1	0	1	1	1	0	0.080	0
301	298	24.44	2.18	2.7	18.43	22.5	0	0	48	1	0	1	1	1	0	0.080	0
302	299	24.52	2.52	2.7	19.95	24.93	0	0	82	1	0	1	0	1	0	0.080	0
303	300	24.61	3.11	2.8	18.38	22.74	0	0	108	1	0	0	0	1	0	0.080	0
304	301	24.69	3.95	2.9	15.18	17.89	0	0	100	1	0	0	0	1	0	0.080	0
305	302	24.77	4.71	3.0	12.27	14.31	0	0	-16	1	0	0	1	1	0	0.080	0
306	303	24.85	4.94	3.1	10.67	12.73	0	0	-151	1	0	0	1	1	0	0.080	0
307	304	24.93	4.47	3.1	10.19	12.44	0	0	-131	1	0	0	1	1	0	0.080	0
308	305	25.02	3.76	3.0	10.85	12.69	0	0	-52	1	0	0	1	1	0	0.080	0
309	306	25.1	3.32	2.9	13.03	15.1	0	0	12	1	0	0	1	1	0	0.080	0
310	307	25.18	3.13	2.8	16.84	20.07	0	0	81	1	0	0	0	1	0	0.080	0
311	308	25.26	3.08	2.7	21.02	26.01	0	0	152	1	0	0	0	1	0	0.080	0
312	309	25.34	3.01	2.7	24.73	29.2	0	0	206	1	0	0	0	1	0	0.080	0
313	310	25.43	2.71	2.6	28.31	32.55	0	0	205	1	0	1	0	1	0	0.080	0
314	311	25.51	2.38	2.5	31	37.79	0	0	179	1	1	1	0	1	0	0.080	0
315	312	25.59	2.05	2.5	32.49	37.81	0	0	144	1	1	1	0	1	0	0.080	0
316	313	25.67	1.97	2.5	32.31	37.04	0.02	0.33	132	1	1	1	0	1	0	0.080	0
317	314	25.75	2	2.5	32.05	37.12	0	0	134	1	1	1	0	1	0	0.060	0
318	315	25.84	2.22	2.5	31.67	37.13	0	0	161	1	1	1	0	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	2.51	2.6	30.85	36.29	0	0	199	1	1	1	0	1	0	0.060	0
320	317	26	2.98	2.6	29.09	35.01	0	0	272	1	0	1	0	1	0	0.060	0
321	318	26.08	3.58	2.7	26.23	31.96	0	0	375	1	0	0	0	1	0	0.060	0
322	319	26.16	4.3	2.8	22.19	27.32	0	0	480	1	0	0	0	1	0	0.060	0
323	320	26.25	5.05	2.9	17.93	21.85	0	0	488	1	0	0	0	1	0	0.060	0
324	321	26.33	5.72	3.0	14.33	16.95	0	0	276	1	0	0	0	1	0	0.060	0
325	322	26.41	6.22	3.1	11.7	14.52	0	0	-176	1	0	0	1	1	0	0.060	0
326	323	26.49	6.49	3.2	9.87	12.55	0	0	-705	1	0	0	1	1	0	0.060	0
327	324	26.57	6.55	3.3	8.3	10.53	0	0	-1176	1	0	0	1	1	0	0.060	0
328	325	26.66	6.49	3.3	7.05	9.04	0	0	-1460	1	0	0	1	1	0	0.060	0
329	326	26.74	6.18	3.3	6.38	8.21	0	0	-1304	1	0	0	1	1	0	0.060	0
330	327	26.82	5.84	3.3	6.36	8.2	0	0	-1014	1	0	0	1	1	0	0.060	0
331	328	26.9	5.25	3.3	7.14	8.99	0	0	-564	1	0	0	1	1	0	0.060	0
332	329	26.98	4.79	3.2	8.2	10.93	0	0	-315	1	0	0	1	1	0	0.060	0
333	330	27.07	4.66	3.2	9.01	11.96	0	0	-231	1	0	0	1	1	0	0.060	0
334	331	27.15	4.81	3.2	9.05	11.85	0	0	-257	1	0	0	1	1	0	0.060	0
335	332	27.23	5.25	3.2	8.53	11.1	0	0	-417	1	0	0	1	1	0	0.060	0
336	333	27.31	5.61	3.2	7.92	10.15	0	0	[illegible]	1	0	0	1	1	0	0.060	0
337	334	27.39	5.75	3.3	7.53	9.74	0	0	[illegible]	1	0	0	1	1	0	0.060	0
338	335	27.48	5.6	3.3	7.45	9.74	0	0	[illegible]	1	0	0	1	1	0	0.060	0
339	336	27.56	5.39	3.3	7.43	9.89	0	0	[illegible]	1	0	0	1	1	0	0.060	0
340	337	27.64	5.3	3.3	7.41	9.67	0	0	[illegible]	1	0	0	1	1	0	0.060	0
341	338	27.72	5.16	3.2	7.69	9.71	0	0	-472	1	0	0	1	1	0	0.060	0
342	339	27.8	5.06	3.2	8.22	10.89	0	0	-388	1	0	0	1	1	0	0.060	0
343	340	27.89	5.11	3.2	8.79	11.54	0	0	-350	1	0	0	1	1	0	0.060	0
344	341	27.97	5.31	3.2	8.92	11.77	0	0	-394	1	0	0	1	1	0	0.060	0
345	342	28.05	5.43	3.2	8.72	11.39	0	0	-457	1	0	0	1	1	0	0.060	0
346	343	28.13	5.47	3.2	8.14	10.84	0	0	-543	1	0	0	1	1	0	0.060	0
347	344	28.21	5.54	3.3	7.18	9.75	0	0	-699	1	0	0	1	1	0	0.060	0
348	345	28.3	5.59	3.3	6.18	8.01	0	0	-863	1	0	0	1	1	0	0.060	0
349	346	28.38	5.26	3.4	5.44	7.36	0	0	-748	1	0	0	1	1	0	0.060	0
350	347	28.46	4.37	3.3	5.26	7.14	0	0	-379	1	0	0	1	1	0	0.060	0
351	348	28.54	3.7	3.3	5.3	7.37	0	0	-218	1	0	0	1	1	0	0.060	0
352	349	28.63	3.63	3.3	5.4	7.54	0	0	-202	1	0	0	1	1	0	0.060	0
353	350	28.71	3.87	3.3	5.4	7.49	0	0	-247	1	0	0	1	1	0	0.060	0
354	351	28.79	4.01	3.3	5.37	7.39	0	0	-279	1	0	0	1	1	0	0.060	0
355	352	28.87	3.81	3.3	5.42	7.45	0	0	-234	1	0	0	1	1	0	0.060	0
356	353	28.95	3.72	3.3	5.46	7.65	0	0	-216	1	0	0	1	1	0	0.060	0
357	354	29.04	3.79	3.3	5.58	7.54	0	0	-225	1	0	0	1	1	0	0.060	0
358	355	29.12	4.24	3.3	5.75	7.9	0	0	-318	1	0	0	1	1	0	0.060	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	4.22	3.2	6.77	8.25	0	0	-266	1	0	0	1	1	0	0.060	0
360	357	29.28	3.56	3.1	9.28	11.18	0	0	-87	1	0	0	1	1	0	0.060	0
361	358	29.36	2.89	2.9	12.51	16.93	0	0	0	1	0	1	1	1	0	0.060	0
362	359	29.45	2.46	2.8	15.59	19.89	0	0	32	1	0	1	1	1	0	0.060	0
363	360	29.53	2.34	2.7	17.27	22.1	0	0	45	1	0	1	1	1	0	0.060	0
364	361	29.61	2.39	2.7	17.69	22.66	0	0	51	1	0	1	1	1	0	0.060	0
365	362	29.69	2.67	2.8	16.82	21.44	0	0	54	1	0	1	1	1	0	0.060	0
366	363	29.77	3.13	2.9	15.31	19.47	0	0	52	1	0	0	1	1	0	0.060	0
367	364	29.86	3.72	2.9	13.72	17.6	0	0	37	1	0	0	1	1	0	0.060	0
368	365	29.94	4.25	3.0	12.46	15.69	0	0	-2	1	0	0	1	1	0	0.060	0
369	366	30.02	4.54	3.1	11.71	14.95	0	0	-47	1	0	0	1	1	0	0.060	0
370	367	30.1	4.47	3.1	11.41	14.88	0	0	-62	1	0	0	1	1	0	0.060	0
371	368	30.18	4.42	3.1	10.95	14.66	0	0	-85	1	0	0	1	1	0	0.060	0
372	369	30.27	4.59	3.1	10	13.3	0	0	-156	1	0	0	1	1	0	0.060	0
373	370	30.35	5.16	3.2	8.81	11.48	0	0	-362	1	0	0	1	1	0	0.060	0
374	371	30.43	5.56	3.2	8.15	10.39	0	0	-581	1	0	0	1	1	0	0.060	0
375	372	30.51	4.37	3.1	10.37	10.94	0	0	-112	1	0	0	1	1	0	0.060	0
376	373	30.59	2.99	2.8	15.67	19.62	0	0	[illegible]	1	0	1	1	1	0	0.060	0
377	374	30.68	2.33	2.6	22.99	29.96	0	0	97	1	0	1	0	1	0	0.060	0
378	375	30.76	2.22	2.5	29.19	35.79	0.02	0.33	[illegible]	1	1	1	0	1	0	0.060	0
379	376	30.84	2.29	2.5	33.19	40.82	0.01	0.29	[illegible]	1	1	1	0	1	0	0.040	0
380	377	30.92	2.34	2.5	36.16	44.03	0.01	0.27	[illegible]	1	1	1	0	1	0	0.030	0
381	378	31	2.29	2.5	37.81	46.34	0.01	0.25	226	1	1	1	0	1	0	0.020	0
382	379	31.09	2.2	2.5	38.18	46.52	0.01	0.25	211	1	1	1	0	1	0	0.010	0
383	380	31.17	2.1	2.5	36.75	45.14	0	0	182	1	1	1	0	1	0	0.000	0
384	381	31.25	2.07	2.5	33.69	41.2	0	0	155	1	1	1	0	1	0	0.000	0
385	382	31.33	2.23	2.5	29.56	35.98	0	[illegible]	144	1	1	1	0	1	0	0.000	0
386	383	31.41	2.61	2.6	25.01	31.33	0	0	148	1	0	1	0	1	0	0.000	0
387	384	31.5	3.1	2.8	20.9	26.15	0	0	153	1	0	0	0	1	0	0.000	0
388	385	31.58	3.56	2.9	17.05	22.3	0	0	122	1	0	0	0	1	0	0.000	0
389	386	31.66	4.04	3.0	13.51	17.83	0	0	40	1	0	0	1	1	0	0.000	0
390	387	31.74	4.76	3.1	10.33	13	0	0	-155	1	0	0	1	1	0	0.000	0
391	388	31.82	5.37	3.2	7.94	10.59	0	0	-526	1	0	0	1	1	0	0.000	0
392	389	31.91	5.52	3.3	6.61	9.07	0	0	-763	1	0	0	1	1	0	0.000	0
393	390	31.99	4.99	3.3	5.92	8.18	0	0	-565	1	0	0	1	1	0	0.000	0
394	391	32.07	4.33	3.3	5.61	8.09	0	0	-349	1	0	0	1	1	0	0.000	0
395	392	32.15	3.57	3.3	5.55	7.95	0	0	-188	1	0	0	1	1	0	0.000	0
396	393	32.23	3.14	3.2	5.55	7.98	0	0	-131	1	0	0	1	1	0	0.000	0
397	394	32.32	2.91	3.2	5.68	8.09	0	0	-105	1	0	1	1	1	0	0.000	0
398	395	32.4	3.07	3.2	5.8	8.45	0	0	-119	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	3.27	3.2	5.73	8.39	0	0	-142	1	0	0	1	1	0	0.000	0
400	397	32.56	3.55	3.3	5.48	7.84	0	0	-187	1	0	0	1	1	0	0.000	0
401	398	32.64	3.65	3.3	5.24	7.56	0	0	-210	1	0	0	1	1	0	0.000	0
402	399	32.73	3.57	3.3	5.07	7.52	0	0	-201	1	0	0	1	1	0	0.000	0
403	400	32.81	3.52	3.3	4.91	7.25	0	0	-197	1	0	0	1	1	0	0.000	0
404	401	32.89	3.63	3.3	4.67	6.99	0	0	-223	1	0	0	1	1	0	0.000	0
405	402	32.97	3.71	3.3	4.46	6.65	0	0	-245	1	0	0	1	1	0	0.000	0
406	403	33.05	3.66	3.4	4.3	6.49	0	0	-240	1	0	0	1	1	0	0.000	0
407	404	33.14	3.48	3.3	4.26	6.43	0	0	-207	1	0	0	1	1	0	0.000	0
408	405	33.22	3.42	3.3	4.25	6.51	0	0	-197	1	0	0	1	1	0	0.000	0
409	406	33.3	3.42	3.3	4.32	6.47	0	0	-195	1	0	0	1	1	0	0.000	0
410	407	33.38	3.49	3.3	4.38	6.67	0	0	-206	1	0	0	1	1	0	0.000	0
411	408	33.46	3.57	3.3	4.44	6.75	0	0	-218	1	0	0	1	1	0	0.000	0
412	409	33.55	3.69	3.3	4.42	6.7	0	0	-242	1	0	0	1	1	0	0.000	0
413	410	33.63	3.77	3.4	4.36	6.62	0	0	-261	1	0	0	1	1	0	0.000	0
414	411	33.71	3.77	3.4	4.27	6.53	0	0	-264	1	0	0	1	1	0	0.000	0
415	412	33.79	3.75	3.4	4.18	6.38	0	0	-262	1	0	0	1	1	0	0.000	0
416	413	33.87	3.75	3.4	4.07	6.31	0	0	-266	1	0	0	1	1	0	0.000	0
417	414	33.96	3.72	3.4	4	6.14	0	0	-261	1	0	0	1	1	0	0.000	0
418	415	34.04	3.57	3.4	3.97	6.13	0	0	-241	1	0	0	1	1	0	0.000	0
419	416	34.12	3.52	3.4	3.98	6.2	0	0	-221	1	0	0	1	1	0	0.000	0
420	417	34.2	3.52	3.4	4.01	6.19	0	0	-221	1	0	0	1	1	0	0.000	0
421	418	34.28	3.6	3.4	4.06	6.27	0	0	-235	1	0	0	1	1	0	0.000	0
422	419	34.37	3.59	3.4	4.15	6.39	0	0	-230	1	0	0	1	1	0	0.000	0
423	420	34.45	3.54	3.4	4.2	6.51	0	0	-219	1	0	0	1	1	0	0.000	0
424	421	34.53	3.52	3.4	4.2	6.46	0	0	-216	1	0	0	1	1	0	0.000	0
425	422	34.61	3.54	3.4	4.15	6.41	0	0	-221	1	0	0	1	1	0	0.000	0
426	423	34.69	3.52	3.4	4.13	6.36	0	0	-217	1	0	0	1	1	0	0.000	0
427	424	34.78	3.47	3.4	4.18	6.37	0	0	-207	1	0	0	1	1	0	0.000	0
428	425	34.86	3.37	3.3	4.3	6.6	0	0	-188	1	0	0	1	1	0	0.000	0
429	426	34.94	3.37	3.3	4.46	6.81	0	0	-184	1	0	0	1	1	0	0.000	0
430	427	35.02	3.44	3.3	4.6	6.98	0	0	-192	1	0	0	1	1	0	0.000	0
431	428	35.1	3.51	3.3	4.66	7.12	0	0	-202	1	0	0	1	1	0	0.000	0
432	429	35.19	3.52	3.3	4.64	7.05	0	0	-204	1	0	0	1	1	0	0.000	0
433	430	35.27	3.43	3.3	4.59	6.93	0	0	-190	1	0	0	1	1	0	0.000	0
434	431	35.35	3.28	3.3	4.57	6.93	0	0	-168	1	0	0	1	1	0	0.000	0
435	432	35.43	3.21	3.3	4.59	6.98	0	0	-158	1	0	0	1	1	0	0.000	0
436	433	35.51	3.21	3.3	4.62	7.02	0	0	-157	1	0	0	1	1	0	0.000	0
437	434	35.6	3.31	3.3	4.64	7.04	0	0	-171	1	0	0	1	1	0	0.000	0
438	435	35.68	3.4	3.3	4.64	7.04	0	0	-185	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	3.56	3.3	4.56	7.02	0	0	-213	1	0	0	1	1	0	0.000	0
440	437	35.84	3.65	3.3	4.42	6.75	0	0	-234	1	0	0	1	1	0	0.000	0
441	438	35.92	3.69	3.4	4.24	6.52	0	0	-247	1	0	0	1	1	0	0.000	0
442	439	36.01	3.58	3.4	4.11	6.36	0	0	-229	1	0	0	1	1	0	0.000	0
443	440	36.09	3.46	3.4	4.05	6.3	0	0	-209	1	0	0	1	1	0	0.000	0
444	441	36.17	3.36	3.4	4.04	6.28	0	0	-192	1	0	0	1	1	0	0.000	0
445	442	36.25	3.35	3.4	4.04	6.31	0	0	-190	1	0	0	1	1	0	0.000	0
446	443	36.33	3.44	3.4	4.08	6.32	0	0	-204	1	0	0	1	1	0	0.000	0
447	444	36.42	3.54	3.4	4.17	6.44	0	0	-220	1	0	0	1	1	0	0.000	0
448	445	36.5	3.54	3.3	4.28	6.65	0	0	-217	1	0	0	1	1	0	0.000	0
449	446	36.58	3.49	3.3	4.35	6.71	0	0	-206	1	0	0	1	1	0	0.000	0
450	447	36.66	3.48	3.3	4.34	6.71	0	0	-205	1	0	0	1	1	0	0.000	0
451	448	36.74	3.63	3.4	4.26	6.62	0	0	-235	1	0	0	1	1	0	0.000	0
452	449	36.83	3.85	3.4	4.12	6.43	0	0	-287	1	0	0	1	1	0	0.000	0
453	450	36.91	4.06	3.4	4	6.19	0	0	-346	1	0	0	1	1	0	0.000	0
454	451	36.99	4.21	3.4	3.99	6.2	0	0	-392	1	0	0	1	1	0	0.000	0
455	452	37.07	4.52	3.4	4.23	6.41	0	0	-489	1	0	0	1	1	0	0.000	0
456	453	37.16	4.76	3.4	4.79	7.05	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
457	454	37.24	4.75	3.3	5.6	8.3	0	0	-[illegible]90	1	0	0	1	1	0	0.000	0
458	455	37.32	4.79	3.3	6.19	9.42	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
459	456	37.4	5.25	3.3	6.19	9.28	0	0	-663	1	0	0	1	1	0	0.000	0
460	457	37.48	6.1	3.4	5.72	8.34	0	0	-[illegible]61	1	0	0	1	1	0	0.000	0
461	458	37.57	6.82	3.4	5.25	7.66	0	0	-2471	1	0	0	1	1	0	0.000	0
462	459	37.65	6.53	3.4	5.38	7.55	0	0	-1965	1	0	0	1	1	0	0.000	0
463	460	37.73	4.91	3.2	7.09	8.8	0	0	-436	1	0	0	1	1	0	0.000	0
464	461	37.81	3.43	3.0	10.58	14.12	0	0	-46	1	0	0	1	1	0	0.000	0
465	462	37.89	2.72	2.8	14.54	20.87	0	0	27	1	0	1	1	1	0	0.000	0
466	463	37.98	2.42	2.7	17.91	24.13	0	0	54	1	0	1	1	1	0	0.000	0
467	464	38.06	2.38	2.7	19.8	26.55	0	0	71	1	0	1	1	1	0	0.000	0
468	465	38.14	2.46	2.7	20.69	27.8	0	0	85	1	0	1	0	1	0	0.000	0
469	466	38.22	2.67	2.7	20.32	27.55	0	0	98	1	0	1	0	1	0	0.000	0
470	467	38.3	3.05	2.8	18.04	25.65	0	0	96	1	0	0	0	1	0	0.000	0
471	468	38.39	3.71	2.9	14.71	20.1	0	0	67	1	0	0	1	1	0	0.000	0
472	469	38.47	4.84	3.1	10.78	14.62	0	0	-131	1	0	0	1	1	0	0.000	0
473	470	38.55	4.97	3.2	7.78	10.4	0	0	-399	1	0	0	1	1	0	0.000	0
474	471	38.63	4.07	3.3	5.94	8.56	0	0	-269	1	0	0	1	1	0	0.000	0
475	472	38.71	2.15	3.2	5.05	7.58	0	0	-59	1	0	1	1	1	0	0.000	0
476	473	38.8	1.98	3.2	4.51	6.97	0	0	-54	1	0	1	1	1	0	0.000	0
477	474	38.88	1.98	3.2	4.3	6.49	0	0	-55	1	0	1	1	1	0	0.000	0
478	475	38.96	2.21	3.2	4.24	6.53	0	0	-69	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	2.5	3.3	4.4	6.46	0	0	-87	1	0	1	1	1	0	0.000	0
480	477	39.12	2.8	3.3	4.57	6.75	0	0	-111	1	0	1	1	1	0	0.000	0
481	478	39.21	2.94	3.3	4.75	7.05	0	0	-123	1	0	1	1	1	0	0.000	0
482	479	39.29	3.12	3.3	4.83	7.09	0	0	-142	1	0	0	1	1	0	0.000	0
483	480	39.37	3.3	3.3	4.83	7.01	0	0	-165	1	0	0	1	1	0	0.000	0
484	481	39.45	3.49	3.3	4.81	7.05	0	0	-195	1	0	0	1	1	0	0.000	0
485	482	39.53	3.62	3.3	4.81	7.03	0	0	-217	1	0	0	1	1	0	0.000	0
486	483	39.62	3.7	3.3	4.77	7.03	0	0	-234	1	0	0	1	1	0	0.000	0
487	484	39.7	3.71	3.3	4.73	6.96	0	0	-237	1	0	0	1	1	0	0.000	0
488	485	39.78	3.71	3.3	4.67	6.91	0	0	-239	1	0	0	1	1	0	0.000	0
489	486	39.86	3.77	3.3	4.59	6.83	0	0	-253	1	0	0	1	1	0	0.000	0
490	487	39.94	3.8	3.3	4.54	6.71	0	0	-261	1	0	0	1	1	0	0.000	0
491	488	40.03	3.83	3.3	4.5	6.74	0	0	-269	1	0	0	1	1	0	0.000	0
492	489	40.11	3.78	3.3	4.5	6.72	0	0	-258	1	0	0	1	1	0	0.000	0
493	490	40.19	3.73	3.3	4.45	6.72	0	0	-249	1	0	0	1	1	0	0.000	0
494	491	40.27	3.67	3.3	4.39	6.57	0	0	-239	1	0	0	1	1	0	0.000	0
495	492	40.35	3.66	3.4	4.31	6.5	0	0	-239	1	0	0	1	1	0	0.000	0
496	493	40.44	3.61	3.4	4.27	6.43	0	0	-231	1	0	0	1	1	0	0.000	0
497	494	40.52	3.51	3.4	4.24	6.39	0	0	-213	1	0	0	1	1	0	0.000	0
498	495	40.6	3.41	3.3	4.2	6.39	0	0	-197	1	0	0	1	1	0	0.000	0
499	496	40.68	3.32	3.4	4.11	6.28	0	0	-184	1	0	0	1	1	0	0.000	0
500	497	40.76	3.24	3.4	3.94	6.05	0	0	-175	1	0	0	1	1	0	0.000	0
501	498	40.85	3.08	3.4	3.71	5.75	0	0	-157	1	0	0	1	1	0	0.000	0
502	499	40.93	2.87	3.4	3.49	5.45	0	0	-134	1	0	1	1	1	0	0.000	0
503	500	41.01	2.46	3.4	3.32	5.21	0	0	-95	1	0	1	1	1	0	0.000	0
504	501	41.09	1.94	3.3	3.26	5.11	0	0	-60	1	0	1	1	1	0	0.000	0
505	502	41.17	1.42	3.3	3.27	5.14	0	0	-37	1	0	1	1	1	0	0.000	0
506	503	41.26	1.17	3.2	3.31	5.16	0	0	-29	1	0	1	1	1	0	0.000	0
507	504	41.34	1.16	3.2	3.42	5.17	0	0	-29	1	0	1	1	1	0	0.000	0
508	505	41.42	1.23	3.2	3.67	5.45	0	0	-30	1	0	1	1	1	0	0.000	0
509	506	41.5	1.16	3.1	4	5.99	0	0	-27	1	0	1	1	1	0	0.000	0
510	507	41.58	0.98	3.1	4.25	6.32	0	0	-22	1	0	1	1	1	0	0.000	0
511	508	41.67	0.8	3.1	4.33	6.4	0	0	-18	1	0	1	1	1	0	0.000	0
512	509	41.75	0.71	3.0	4.28	6.34	0	0	-17	1	0	1	1	1	0	0.000	0
513	510	41.83	0.66	3.0	4.24	6.16	0	0	-16	1	0	1	1	1	0	0.000	0
514	511	41.91	0.77	3.0	4.38	6.2	0	0	-17	1	0	1	1	1	0	0.000	0
515	512	41.99	1	3.1	4.77	6.71	0	0	-21	1	0	1	1	1	0	0.000	0
516	513	42.08	1.35	3.0	6.14	7.51	0	0	-24	1	0	1	1	1	0	0.000	0
517	514	42.16	1.79	3.0	7.57	11.35	0	0	-28	1	0	1	1	1	0	0.000	0
518	515	42.24	2.43	3.0	9.37	12.24	0	0	-32	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	3.21	3.0	10.63	14.72	0	0	-37	1	0	0	1	1	0	0.000	0
520	517	42.4	3.93	3.0	11.58	16.68	0	0	-34	1	0	0	1	1	0	0.000	0
521	518	42.49	4.46	3.0	11.67	16.39	0	0	-47	1	0	0	1	1	0	0.000	0
522	519	42.57	4.81	3.1	11.15	15.52	0	0	-101	1	0	0	1	1	0	0.000	0
523	520	42.65	4.49	3.1	10.49	14.95	0	0	-116	1	0	0	1	1	0	0.000	0
524	521	42.73	3.96	3.1	9.42	14.02	0	0	-115	1	0	0	1	1	0	0.000	0
525	522	42.81	3.33	3.1	8.07	11.44	0	0	-98	1	0	0	1	1	0	0.000	0
526	523	42.9	3.13	3.2	6.66	9.74	0	0	-109	1	0	0	1	1	0	0.000	0
527	524	42.98	3.1	3.2	5.52	8.55	0	0	-127	1	0	0	1	1	0	0.000	0
528	525	43.06	3	3.3	4.63	6.99	0	0	-131	1	0	0	1	1	0	0.000	0
529	526	43.14	2.92	3.3	3.9	6.17	0	0	-134	1	0	1	1	1	0	0.000	0
530	527	43.22	2.79	3.4	3.5	5.59	0	0	-125	1	0	1	1	1	0	0.000	0
531	528	43.31	2.64	3.4	3.27	5.26	0	0	-112	1	0	1	1	1	0	0.000	0
532	529	43.39	2.34	3.4	3.21	5.16	0	0	-87	1	0	1	1	1	0	0.000	0
533	530	43.47	2.13	3.3	3.28	5.19	0	0	-71	1	0	1	1	1	0	0.000	0
534	531	43.55	2.06	3.3	3.45	5.41	0	0	-66	1	0	1	1	1	0	0.000	0
535	532	43.63	2.18	3.3	3.65	5.72	0	0	-72	1	0	1	1	1	0	0.000	0
536	533	43.72	2.26	3.3	3.87	5.93	0	0	-75	1	0	1	1	1	0	0.000	0
537	534	43.8	2.37	3.3	4.03	6.34	0	0	-81	1	0	1	1	1	0	0.000	0
538	535	43.88	2.51	3.3	4.09	6.46	0	0	-91	1	0	1	1	1	0	0.000	0
539	536	43.96	2.93	3.3	4.02	6.37	0	0	-133	1	0	1	1	1	0	0.000	0
540	537	44.04	3.39	3.4	3.92	6.24	0	0	-200	1	0	0	1	1	0	0.000	0
541	538	44.13	3.86	3.4	3.98	6.24	0	0	-294	1	0	0	1	1	0	0.000	0
542	539	44.21	3.89	3.4	4.36	6.69	0	0	-288	1	0	0	1	1	0	0.000	0
543	540	44.29	3.85	3.3	4.96	7.74	0	0	-258	1	0	0	1	1	0	0.000	0
544	541	44.37	3.79	3.3	5.59	8.57	0	0	-225	1	0	0	1	1	0	0.000	0
545	542	44.45	3.85	3.3	5.88	9.14	0	0	-227	1	0	0	1	1	0	0.000	0
546	543	44.54	3.95	3.3	5.81	8.88	0	0	-249	1	0	0	1	1	0	0.000	0
547	544	44.62	4.17	3.3	5.34	8.36	0	0	-319	1	0	0	1	1	0	0.000	0
548	545	44.7	4.41	3.4	4.78	7.39	0	0	-418	1	0	0	1	1	0	0.000	0
549	546	44.78	4.56	3.4	4.29	6.78	0	0	-501	1	0	0	1	1	0	0.000	0
550	547	44.86	4.23	3.4	4.12	6.47	0	0	-392	1	0	0	1	1	0	0.000	0
551	548	44.95	3.74	3.4	4.14	6.74	0	0	-261	1	0	0	1	1	0	0.000	0
552	549	45.03	3.31	3.3	4.23	6.81	0	0	-180	1	0	0	1	1	0	0.000	0
553	550	45.11	3.1	3.3	4.24	6.79	0	0	-150	1	0	0	1	1	0	0.000	0
554	551	45.19	3.01	3.3	4.17	6.76	0	0	-140	1	0	0	1	1	0	0.000	0
555	552	45.27	3.15	3.3	3.99	6.53	0	0	-161	1	0	0	1	1	0	0.000	0
556	553	45.36	3.71	3.4	3.63	6.16	0	0	-270	1	0	0	1	1	0	0.000	0
557	554	45.44	4.33	3.5	3.32	5.46	0	0	-466	1	0	0	1	1	0	0.000	0
558	555	45.52	4.87	3.5	3.05	5.41	0	0	-738	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	4.97	3.6	2.95	5.17	0	0	-807	1	0	0	1	1	0	0.000	0
560	557	45.69	4.91	3.6	2.87	5.08	0	0	-776	1	0	0	1	1	0	0.000	0
561	558	45.77	4.44	3.5	2.97	5.11	0	0	-528	1	0	0	1	1	0	0.000	0
562	559	45.85	3.94	3.5	3.18	5.52	0	0	-344	1	0	0	1	1	0	0.000	0
563	560	45.93	3.71	3.4	3.55	5.82	0	0	-273	1	0	0	1	1	0	0.000	0
564	561	46.01	3.85	3.4	4.04	6.5	0	0	-290	1	0	0	1	1	0	0.000	0
565	562	46.1	3.95	3.3	4.75	7.41	0	0	-288	1	0	0	1	1	0	0.000	0
566	563	46.18	4.1	3.3	5.52	8.64	0	0	-294	1	0	0	1	1	0	0.000	0
567	564	46.26	4.28	3.3	6.23	9.58	0	0	-305	1	0	0	1	1	0	0.000	0
568	565	46.34	4.65	3.3	6.75	10.24	0	0	-377	1	0	0	1	1	0	0.000	0
569	566	46.42	5.08	3.3	6.93	10.68	0	0	-513	1	0	0	1	1	0	0.000	0
570	567	46.51	5.62	3.3	6.8	10.35	0	0	-797	1	0	0	1	1	0	0.000	0
571	568	46.59	6.17	3.3	6.41	9.81	0	0	-1288	1	0	0	1	1	0	0.000	0
572	569	46.67	6.81	3.4	5.92	9.24	0	0	-2226	1	0	0	1	1	0	0.000	0
573	570	46.75	7.36	3.4	5.46	8.58	0	0	-3531	1	0	0	1	1	0	0.000	0
574	571	46.83	7.67	3.5	5.11	8.09	0	0	-4610	1	0	0	1	1	0	0.000	0
575	572	46.92	7.61	3.5	4.95	7.95	0	0	-4516	1	0	0	1	1	0	0.000	0
576	573	47	7.39	3.5	4.91	7.99	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
577	574	47.08	7.18	3.5	4.86	7.99	0	0	-3[illegible]72	1	0	0	1	1	0	0.000	0
578	575	47.16	6.96	3.5	4.75	7.77	0	0	-29[illegible]	1	0	0	1	1	0	0.000	0
579	576	47.24	6.61	3.5	4.63	7.57	0	0	-230[illegible]	1	0	0	1	1	0	0.000	0
580	577	47.33	6.27	3.5	4.52	7.52	0	0	-[illegible]18	1	0	0	1	1	0	0.000	0
581	578	47.41	5.96	3.5	4.4	7.35	0	0	-1464	1	0	0	1	1	0	0.000	0
582	579	47.49	5.6	3.5	4.25	7.12	0	0	-1135	1	0	0	1	1	0	0.000	0
583	580	47.57	5.13	3.5	4.08	6.9	0	0	-806	1	0	0	1	1	0	0.000	0
584	581	47.65	4.6	3.4	3.91	6.7	0	0	-541	1	0	0	1	1	0	0.000	0
585	582	47.74	4.12	3.4	3.73	6.44	0	0	-375	1	0	0	1	1	0	0.000	0
586	583	47.82	3.71	3.4	3.49	6.2	0	0	-275	1	0	0	1	1	0	0.000	0
587	584	47.9	3.23	3.4	3.26	5.75	0	0	-188	1	0	0	1	1	0	0.000	0
588	585	47.98	2.8	3.4	3.02	5.5	0	0	-133	1	0	1	1	1	0	0.000	0
589	586	48.06	2.42	3.4	2.88	5.24	0	0	-96	1	0	1	1	1	0	0.000	0
590	587	48.15	2.25	3.4	2.81	5.21	0	0	-83	1	0	1	1	1	0	0.000	0
591	588	48.23	2.2	3.4	2.81	5.2	0	0	-80	1	0	1	1	1	0	0.000	0
592	589	48.31	2.03	3.4	2.85	5.21	0	0	-68	1	0	1	1	1	0	0.000	0
593	590	48.39	1.68	3.3	2.97	5.33	0	0	-49	1	0	1	1	1	0	0.000	0
594	591	48.47	1.2	3.3	3.11	5.62	0	0	-31	1	0	1	1	1	0	0.000	0
595	592	48.56	1.03	3.2	3.2	5.74	0	0	-26	1	0	1	1	1	0	0.000	0
596	593	48.64	1.17	3.2	3.35	5.67	0	0	-29	1	0	1	1	1	0	0.000	0
597	594	48.72	1.67	3.3	3.52	6.03	0	0	-46	1	0	1	1	1	0	0.000	0
598	595	48.8	2.17	3.3	3.74	6.22	0	0	-70	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	2.62	3.3	3.86	6.35	0	0	-103	1	0	1	1	1	0	0.000	0
600	597	48.97	2.81	3.3	3.95	6.49	0	0	-121	1	0	1	1	1	0	0.000	0
601	598	49.05	3.01	3.3	4.03	6.58	0	0	-142	1	0	0	1	1	0	0.000	0
602	599	49.13	3.15	3.3	4.15	6.63	0	0	-158	1	0	0	1	1	0	0.000	0
603	600	49.21	3.32	3.3	4.36	6.91	0	0	-179	1	0	0	1	1	0	0.000	0
604	601	49.29	3.31	3.3	4.68	7.3	0	0	-170	1	0	0	1	1	0	0.000	0
605	602	49.38	3.47	3.3	5	7.85	0	0	-187	1	0	0	1	1	0	0.000	0
606	603	49.46	3.8	3.3	5.25	8.16	0	0	-238	1	0	0	1	1	0	0.000	0
607	604	49.54	4.22	3.3	5.43	8.29	0	0	-328	1	0	0	1	1	0	0.000	0
608	605	49.62	4.66	3.3	5.7	8.52	0	0	-450	1	0	0	1	1	0	0.000	0
609	606	49.7	4.86	3.3	6.33	9.21	0	0	-478	1	0	0	1	1	0	0.000	0
610	607	49.79	4.62	3.2	7.38	10.75	0	0	-328	1	0	0	1	1	0	0.000	0
611	608	49.87	4.24	3.1	8.59	12.89	0	0	-184	1	0	0	1	1	0	0.000	0
612	609	49.95	3.9	3.1	9.62	14.37	0	0	-103	1	0	0	1	1	0	0.000	0
613	610	50.03	4.42	3.1	10.05	15.32	0	0	-134	1	0	0	1	1	0	0.000	0
614	611	50.11	5.11	3.1	10.03	14.96	0	0	-233	1	0	0	1	1	0	0.000	0
615	612	50.2	5.31	3.1	10.82	14.43	0	0	-185	1	0	0	1	1	0	0.000	0
616	613	50.28	3.42	2.8	17.54	18.53	0	0	-30	1	0	0	0	1	0	0.000	0
617	614	50.36	1.99	2.5	32.17	43.6	0	0	34	1	1	1	0	1	0	0.000	0
618	615	50.44	1.38	2.3	47.86	69.77	0	0	17	1	1	1	0	1	0	0.000	0
619	616	50.52	1.12	2.1	55.71	72.5	0	0	131	1	1	1	0	1	0	0.000	0
620	617	50.61	1.08	2.2	53.41	69.35	0	0	119	1	1	1	0	1	0	0.000	0
621	618	50.69	1.29	2.2	46.6	60.84	0	0	121	1	1	1	0	1	0	0.000	0
622	619	50.77	1.67	2.4	38.3	50.47	0	0	131	1	1	1	0	1	0	0.000	0
623	620	50.85	2.28	2.5	29.94	42.02	0	0	154	1	1	1	0	1	0	0.000	0
624	621	50.93	2.71	2.7	23.08	32.35	0	0	137	1	0	1	0	1	0	0.000	0
625	622	51.02	3.03	2.8	17.43	25.19	0	0	84	1	0	0	0	1	0	0.000	0
626	623	51.1	2.8	2.9	14.27	19.52	0	0	25	1	0	1	1	1	0	0.000	0
627	624	51.18	2.33	2.8	13.87	18.73	0	0	13	1	0	1	1	1	0	0.000	0
628	625	51.26	1.99	2.8	14.79	23.4	0	0	16	1	0	1	1	1	0	0.000	0
629	626	51.34	2.12	2.8	14.5	23.23	0	0	15	1	0	1	1	1	0	0.000	0
630	627	51.43	2.52	2.9	12.22	17.62	0	0	-3	1	0	1	1	1	0	0.000	0
631	628	51.51	3.13	3.0	9.22	13.83	0	0	-61	1	0	0	1	1	0	0.000	0
632	629	51.59	3.6	3.2	7.11	10.79	0	0	-150	1	0	0	1	1	0	0.000	0
633	630	51.67	3.92	3.3	5.73	8.93	0	0	-246	1	0	0	1	1	0	0.000	0
634	631	51.75	4.13	3.3	5.02	8.19	0	0	-322	1	0	0	1	1	0	0.000	0
635	632	51.84	4	3.3	5.03	7.89	0	0	-289	1	0	0	1	1	0	0.000	0
636	633	51.92	3.75	3.3	5.1	8.88	0	0	-233	1	0	0	1	1	0	0.000	0
637	634	52	3.34	3.3	5.06	8.34	0	0	-166	1	0	0	1	1	0	0.000	0
638	635	52.08	3.1	3.3	4.53	7.66	0	0	-145	1	0	0	1	1	0	0.000	0
639	636	52.16	2.73	3.3	3.94	6.7	0	0	-113	1	0	1	1	1	0	0.000	0
640	637	52.25	2.25	3.3	3.56	5.97	0	0	-77	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
641	638	52.33	1.78	3.3	3.51	6.05	0	0	-50	1	0	1	1	1	0	0.000	0
642	639	52.41	1.58	3.2	3.86	6.35	0	0	-40	1	0	1	1	1	0	0.000	0
643	640	52.49	1.84	3.2	4.59	7.21	0	0	-47	1	0	1	1	1	0	0.000	0
644	641	52.57	2.02	3.1	5.58	8.76	0	0	-48	1	0	1	1	1	0	0.000	0
645	642	52.66	2.24	3.1	6.56	10.18	0	0	-51	1	0	1	1	1	0	0.000	0
646	643	52.74	2.5	3.1	7.21	11.02	0	0	-57	1	0	1	1	1	0	0.000	0
647	644	52.82	2.91	3.1	7.47	11.33	0	0	-78	1	0	1	1	1	0	0.000	0
648	645	52.9	3.34	3.1	7.34	11.17	0	0	-115	1	0	0	1	1	0	0.000	0
649	646	52.98	3.67	3.2	7.06	10.51	0	0	-160	1	0	0	1	1	0	0.000	0
650	647	53.07	3.93	3.2	6.66	10.23	0	0	-214	1	0	0	1	1	0	0.000	0
651	648	53.15	4.17	3.2	6.36	9.66	0	0	-273	1	0	0	1	1	0	0.000	0
652	649	53.23	4.47	3.3	6.09	9.38	0	0	-364	1	0	0	1	1	0	0.000	0
653	650	53.31	4.72	3.3	5.94	9.16	0	0	-455	1	0	0	1	1	0	0.000	0
654	651	53.4	4.85	3.3	5.85	9.09	0	0	-511	1	0	0	1	1	0	0.000	0
655	652	53.48	4.84	3.3	5.81	9.05	0	0	-510	1	0	0	1	1	0	0.000	0
656	653	53.56	4.75	3.3	5.79	9.05	0	0	-477	1	0	0	1	1	0	0.000	0
657	654	53.64	4.68	3.3	5.74	9	0	0	-454	1	0	0	1	1	0	0.000	0
658	655	53.72	4.62	3.3	5.69	8.79	0	0	-436	1	0	0	1	1	0	0.000	0
659	656	53.81	4.59	3.3	5.72	8.81	0	0	-424	1	0	0	1	1	0	0.000	0
660	657	53.89	4.5	3.3	5.91	9.14	0	0	-383	1	0	0	1	1	0	0.000	0
661	658	53.97	4.38	3.3	6.18	9.55	0	0	-334	1	0	0	1	1	0	0.000	0
662	659	54.05	4.28	3.2	6.4	9.93	0	0	-297	1	0	0	1	1	0	0.000	0
663	660	54.13	4.34	3.2	6.48	10.08	0	0	-301	1	0	0	1	1	0	0.000	0
664	661	54.22	4.5	3.3	6.44	9.95	0	0	-352	1	0	0	1	1	0	0.000	0
665	662	54.3	4.74	3.3	6.28	9.89	0	0	-438	1	0	0	1	1	0	0.000	0
666	663	54.38	4.86	3.3	6.15	9.56	0	0	-492	1	0	0	1	1	0	0.000	0
667	664	54.46	4.99	3.3	5.97	9.51	0	0	-560	1	0	0	1	1	0	0.000	0
668	665	54.54	5.12	3.3	5.81	9.28	0	0	-636	1	0	0	1	1	0	0.000	0
669	666	54.63	5.32	3.3	5.65	9.01	0	0	-760	1	0	0	1	1	0	0.000	0
670	667	54.71	5.48	3.4	5.51	8.94	0	0	-878	1	0	0	1	1	0	0.000	0
671	668	54.79	5.52	3.4	5.35	8.75	0	0	-926	1	0	0	1	1	0	0.000	0
672	669	54.87	5.48	3.4	5.11	8.41	0	0	-928	1	0	0	1	1	0	0.000	0
673	670	54.95	5.39	3.4	4.82	8.04	0	0	-900	1	0	0	1	1	0	0.000	0
674	671	55.04	5.29	3.4	4.5	7.59	0	0	-868	1	0	0	1	1	0	0.000	0
675	672	55.12	5.09	3.4	4.26	7.13	0	0	-765	1	0	0	1	1	0	0.000	0
676	673	55.2	4.68	3.4	4.12	7.05	0	0	-563	1	0	0	1	1	0	0.000	0
677	674	55.28	4.06	3.4	4.06	6.92	0	0	-343	1	0	0	1	1	0	0.000	0
678	675	55.36	3.46	3.4	4.01	6.79	0	0	-210	1	0	0	1	1	0	0.000	0
679	676	55.45	3.08	3.3	3.96	6.75	0	0	-153	1	0	0	1	1	0	0.000	0
680	677	55.53	2.98	3.3	3.92	6.65	0	0	-141	1	0	1	1	1	0	0.000	0
681	678	55.61	2.9	3.3	3.9	6.58	0	0	-131	1	0	1	1	1	0	0.000	0
682	679	55.69	2.78	3.3	3.92	6.57	0	0	-118	1	0	1	1	1	0	0.000	0
683	680	55.77	2.64	3.3	3.98	6.71	0	0	-104	1	0	1	1	1	0	0.000	0
684	681	55.86	2.65	3.3	4.04	6.75	0	0	-104	1	0	1	1	1	0	0.000	0
685	682	55.94	2.74	3.3	4.07	6.76	0	0	-112	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
686	683	56.02	2.81	3.3	4.11	6.81	0	0	-119	1	0	1	1	1	0	0.000	0
687	684	56.1	2.87	3.3	4.19	6.89	0	0	-124	1	0	1	1	1	0	0.000	0
688	685	56.18	2.95	3.3	4.31	7.05	0	0	-131	1	0	1	1	1	0	0.000	0
689	686	56.27	3.05	3.3	4.49	7.28	0	0	-139	1	0	0	1	1	0	0.000	0
690	687	56.35	3.06	3.3	4.7	7.56	0	0	-137	1	0	0	1	1	0	0.000	0
691	688	56.43	3	3.3	4.93	7.88	0	0	-126	1	0	0	1	1	0	0.000	0
692	689	56.51	2.97	3.2	5.13	8.2	0	0	-120	1	0	1	1	1	0	0.000	0
693	690	56.59	3.07	3.2	5.26	8.37	0	0	-128	1	0	0	1	1	0	0.000	0
694	691	56.68	3.24	3.2	5.32	8.39	0	0	-147	1	0	0	1	1	0	0.000	0
695	692	56.76	3.38	3.3	5.38	8.42	0	0	-164	1	0	0	1	1	0	0.000	0
696	693	56.84	3.43	3.2	5.5	8.61	0	0	-169	1	0	0	1	1	0	0.000	0
697	694	56.92	3.44	3.2	5.61	8.9	0	0	-167	1	0	0	1	1	0	0.000	0
698	695	57	3.45	3.2	5.73	8.87	0	0	-166	1	0	0	1	1	0	0.000	0
699	696	57.09	3.43	3.2	5.83	9.15	0	0	-161	1	0	0	1	1	0	0.000	0
700	697	57.17	3.35	3.2	6.01	9.3	0	0	-146	1	0	0	1	1	0	0.000	0
701	698	57.25	3.22	3.2	6.14	9.59	0	0	-128	1	0	0	1	1	0	0.000	0
702	699	57.33	3.19	3.2	6.27	9.69	0	0	-122	1	0	0	1	1	0	0.000	0
703	700	57.41	3.43	3.2	6.38	9.83	0	0	-147	1	0	0	1	1	0	0.000	0
704	701	57.5	3.86	3.2	6.51	10.08	0	0	-207	1	0	0	1	1	0	0.000	0
705	702	57.58	4.22	3.2	6.64	10.25	0	0	-272	1	0	0	1	1	0	0.000	0
706	703	57.66	4.41	3.2	6.63	10.49	0	0	-318	1	0	0	1	1	0	0.000	0
707	704	57.74	4.56	3.3	6.49	10.29	0	0	-367	1	0	0	1	1	0	0.000	0
708	705	57.82	5	3.3	6.07	9.99	0	0	-554	1	0	0	1	1	0	0.000	0
709	706	57.91	5.55	3.4	5.64	8.99	0	0	-905	1	0	0	1	1	0	0.000	0
710	707	57.99	6.04	3.4	5.28	8.58	0	0	-1186	1	0	0	1	1	0	0.000	0
711	708	58.07	5.98	3.4	5.21	8.43	0	0	-1338	1	0	0	1	1	0	0.000	0
712	709	58.15	5.61	3.4	5.22	8.57	0	0	-1010	1	0	0	1	1	0	0.000	0
713	710	58.23	5.23	3.4	5.2	8.52	0	0	-756	1	0	0	1	1	0	0.000	0
714	711	58.32	4.87	3.4	4.97	8.27	0	0	-588	1	0	0	1	1	0	0.000	0
715	712	58.4	4.42	3.4	4.63	7.63	0	0	-429	1	0	0	1	1	0	0.000	0
716	713	58.48	3.94	3.4	4.26	7.09	0	0	-304	1	0	0	1	1	0	0.000	0
717	714	58.56	3.44	3.4	4.1	6.66	0	0	-204	1	0	0	1	1	0	0.000	0
718	715	58.64	3.27	3.3	4.12	6.89	0	0	-176	1	0	0	1	1	0	0.000	0
719	716	58.73	3.2	3.3	4.26	7.11	0	0	-163	1	0	0	1	1	0	0.000	0
720	717	58.81	3.3	3.3	4.37	7.19	0	0	-175	1	0	0	1	1	0	0.000	0
721	718	58.89	3.38	3.3	4.43	7.33	0	0	-186	1	0	0	1	1	0	0.000	0
722	719	58.97	3.4	3.3	4.43	7.37	0	0	-189	1	0	0	1	1	0	0.000	0
723	720	59.05	3.37	3.3	4.36	7.24	0	0	-186	1	0	0	1	1	0	0.000	0
724	721	59.14	3.33	3.3	4.33	7.13	0	0	-181	1	0	0	1	1	0	0.000	0
725	722	59.22	3.25	3.3	4.36	7.22	0	0	-168	1	0	0	1	1	0	0.000	0
726	723	59.3	3.13	3.3	4.44	7.34	0	0	-150	1	0	0	1	1	0	0.000	0
727	724	59.38	2.91	3.3	4.52	7.4	0	0	-123	1	0	1	1	1	0	0.000	0
728	725	59.46	2.75	3.3	4.55	7.51	0	0	-107	1	0	1	1	1	0	0.000	0
729	726	59.55	2.67	3.3	4.61	7.37	0	0	-99	1	0	1	1	1	0	0.000	0
730	727	59.63	2.73	3.3	4.7	7.54	0	0	-103	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
731	728	59.71	2.75	3.2	4.92	7.79	0	0	-102	1	0	1	1	1	0	0.000	0
732	729	59.79	2.9	3.2	5.16	8.22	0	0	-112	1	0	1	1	1	0	0.000	0
733	730	59.87	3.08	3.2	5.35	8.54	0	0	-128	1	0	0	1	1	0	0.000	0
734	731	59.96	3.2	3.2	5.48	8.7	0	0	-139	1	0	0	1	1	0	0.000	0
735	732	60.04	3.2	3.2	5.41	8.92	0	0	-140	1	0	0	1	1	0	0.000	0
736	733	60.12	3.33	3.3	5.09	8.49	0	0	-164	1	0	0	1	1	0	0.000	0
737	734	60.2	3.64	3.3	4.58	7.63	0	0	-228	1	0	0	1	1	0	0.000	0
738	735	60.28	3.96	3.4	4.07	6.96	0	0	-316	1	0	0	1	1	0	0.000	0
739	736	60.37	3.83	3.4	3.74	6.29	0	0	-295	1	0	0	1	1	0	0.000	0
740	737	60.45	3.42	3.4	3.56	6.02	0	0	-213	1	0	0	1	1	0	0.000	0
741	738	60.53	2.94	3.4	3.47	6.01	0	0	-143	1	0	1	1	1	0	0.000	0
742	739	60.61	2.63	3.4	3.31	5.78	0	0	-111	1	0	1	1	1	0	0.000	0
743	740	60.69	2.4	3.4	3.08	5.44	0	0	-93	1	0	1	1	1	0	0.000	0
744	741	60.78	2.31	3.4	2.87	5.16	0	0	-87	1	0	1	1	1	0	0.000	0
745	742	60.86	2.26	3.4	2.72	4.93	0	0	-85	1	0	1	1	1	0	0.000	0
746	743	60.94	2.3	3.4	2.64	4.79	0	0	-89	1	0	1	1	1	0	0.000	0
747	744	61.02	2.26	3.4	2.62	4.78	0	0	-86	1	0	1	1	1	0	0.000	0
748	745	61.1	2.14	3.4	2.65	4.83	0	0	-77	1	0	1	1	1	0	0.000	0
749	746	61.19	1.98	3.4	2.68	4.89	0	0	-66	1	0	1	1	1	0	0.000	0
750	747	61.27	1.95	3.4	2.73	4.95	0	0	-64	1	0	1	1	1	0	0.000	0
751	748	61.35	2.05	3.4	2.81	5.03	0	0	-70	1	0	1	1	1	0	0.000	0
752	749	61.43	2.15	3.4	2.89	5.15	0	0	-76	1	0	1	1	1	0	0.000	0
753	750	61.52	2.2	3.4	2.97	5.23	0	0	-7	1	0	1	1	1	0	0.000	0
754	751	61.6	2.22	3.4	3.05	5.37	0	0	-79	1	0	1	1	1	0	0.000	0
755	752	61.68	2.16	3.4	3.12	5.5	0	0	-74	1	0	1	1	1	0	0.000	0
756	753	61.76	2.05	3.3	3.16	5.54	0	0	-67	1	0	1	1	1	0	0.000	0
757	754	61.84	2	3.3	3.16	5.53	0	0	-64	1	0	1	1	1	0	0.000	0
758	755	61.93	2	3.3	3.22	5.54	0	0	-64	1	0	1	1	1	0	0.000	0
759	756	62.01	2.14	3.3	3.34	5.75	0	0	-71	1	0	1	1	1	0	0.000	0
760	757	62.09	2.45	3.3	3.61	5.97	0	0	-92	1	0	1	1	1	0	0.000	0
761	758	62.17	3.02	3.3	4.03	6.59	0	0	-144	1	0	0	1	1	0	0.000	0
762	759	62.25	3.54	3.3	4.58	7.46	0	0	-209	1	0	0	1	1	0	0.000	0
763	760	62.34	3.93	3.3	5.21	8.36	0	0	-267	1	0	0	1	1	0	0.000	0
764	761	62.42	4.15	3.3	5.69	9.39	0	0	-298	1	0	0	1	1	0	0.000	0
765	762	62.5	4.37	3.3	5.92	9.73	0	0	-345	1	0	0	1	1	0	0.000	0
766	763	62.58	4.53	3.3	5.9	9.56	0	0	-393	1	0	0	1	1	0	0.000	0
767	764	62.66	4.56	3.3	5.76	9.43	0	0	-411	1	0	0	1	1	0	0.000	0
768	765	62.75	4.26	3.3	5.61	9.2	0	0	-330	1	0	0	1	1	0	0.000	0
769	766	62.83	4.09	3.3	5.41	8.88	0	0	-296	1	0	0	1	1	0	0.000	0
770	767	62.91	4.08	3.3	5.25	8.6	0	0	-300	1	0	0	1	1	0	0.000	0
771	768	62.99	4.5	3.3	5.22	8.51	0	0	-423	1	0	0	1	1	0	0.000	0
772	769	63.07	4.9	3.3	5.52	8.68	0	0	-558	1	0	0	1	1	0	0.000	0
773	770	63.16	5.08	3.3	6.43	9.68	0	0	-559	1	0	0	1	1	0	0.000	0
774	771	63.24	5.1	3.2	7.63	12.24	0	0	-456	1	0	0	1	1	0	0.000	0
775	772	63.32	5.46	3.2	8.4	14.12	0	0	-507	1	0	0	1	1	0	0.000	0

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776	773	63.4	6.33	3.3	8.14	13.67	0	0	-1038	1	0	0	1	1	0	0.000	0
777	774	63.48	7.55	3.4	7.14	11.92	0	0	-3074	1	0	0	1	1	0	0.000	0
778	775	63.57	8.37	3.4	6.11	10.27	0	0	-6455	1	0	0	1	1	0	0.000	0
779	776	63.65	8.45	3.5	5.39	9.25	0	0	-7582	1	0	0	1	1	0	0.000	0
780	777	63.73	8.15	3.5	5.19	8.73	0	0	-6355	1	0	0	1	1	0	0.000	0
781	778	63.81	7.78	3.5	5.58	9.25	0	0	-4660	1	0	0	1	1	0	0.000	0
782	779	63.89	7.52	3.4	6.55	10.74	0	0	-3341	1	0	0	1	1	0	0.000	0
783	780	63.98	7.03	3.3	8.15	12.77	0	0	-1725	1	0	0	1	1	0	0.000	0
784	781	64.06	6.54	3.2	10.15	16.27	0	0	-653	1	0	0	1	1	0	0.000	0
785	782	64.14	6.14	3.1	11.85	19.91	0	0	-134	1	0	0	1	1	0	0.000	0
786	783	64.22	6.04	3.1	12.24	20.85	0	0	-50	1	0	0	1	1	0	0.000	0
787	784	64.3	6.45	3.2	10.77	18.46	0	0	-450	1	0	0	1	1	0	0.000	0
788	785	64.39	7.35	3.3	8.43	13.48	0	0	-2027	1	0	0	1	1	0	0.000	0
789	786	64.47	8.39	3.4	6.33	10.45	0	0	-6318	1	0	0	1	1	0	0.000	0
790	787	64.55	8.73	3.5	4.99	9.16	0	0	-9670	1	0	0	1	1	0	0.000	0
791	788	64.63	8.03	3.6	4.18	7.62	0	0	-6661	1	0	0	1	1	0	0.000	0
792	789	64.71	7.1	3.6	3.62	6.94	0	0	-3702	1	0	0	1	1	0	0.000	0
793	790	64.8	5.99	3.6	3.42	6.7	0	0	-1679	1	0	0	1	1	0	0.000	0
794	791	64.88	5.46	3.5	3.43	6.73	0	0	-1121	1	0	0	1	1	0	0.000	0
795	792	64.96	5.37	3.5	3.51	6.91	0	0	-1037	1	0	0	1	1	0	0.000	0
796	793	65.04	5.41	3.5	3.72	7	0	0	-1045	1	0	0	1	1	0	0.000	0
797	794	65.12	5.29	3.5	4.12	7.6	0	0	-909	1	0	0	1	1	0	0.000	0
798	795	65.21	5.15	3.4	4.58	8.58	0	0	-77	1	0	0	1	1	0	0.000	0
799	796	65.29	4.93	3.4	5.16	8.96	0	0	-601	1	0	0	1	1	0	0.000	0
800	797	65.37	4.99	3.3	5.45	10	0	0	-705	1	0	0	1	1	0	0.000	0
801	798	65.45	5.13	3.3	5.52	9.76	0	0	-668	1	0	0	1	1	0	0.000	0
802	799	65.53	5.3	3.4	5.18	9.14	0	0	-800	1	0	0	1	1	0	0.000	0
803	800	65.62	5.14	3.4	4.81	8.53	0	0	-742	1	0	0	1	1	0	0.000	0
804	801	65.7	4.81	3.4	4.48	8.14	0	0	-597	1	0	0	1	1	0	0.000	0
805	802	65.78	4.62	3.4	4.15	7.69	0	0	-535	1	0	0	1	1	0	0.000	0
806	803	65.86	4.6	3.5	3.78	7.08	0	0	-550	1	0	0	1	1	0	0.000	0
807	804	65.94	4.53	3.5	3.43	6.58	0	0	-540	1	0	0	1	1	0	0.000	0
808	805	66.03	4.37	3.5	3.17	6.19	0	0	-489	1	0	0	1	1	0	0.000	0
809	806	66.11	4.22	3.5	2.98	5.97	0	0	-442	1	0	0	1	1	0	0.000	0
810	807	66.19	3.97	3.5	2.85	5.76	0	0	-365	1	0	0	1	1	0	0.000	0
811	808	66.27	3.67	3.5	2.76	5.61	0	0	-287	1	0	0	1	1	0	0.000	0
812	809	66.35	3.29	3.5	2.71	5.55	0	0	-209	1	0	0	1	1	0	0.000	0
813	810	66.44	2.96	3.5	2.7	5.51	0	0	-158	1	0	1	1	1	0	0.000	0
814	811	66.52	2.66	3.5	2.71	5.53	0	0	-121	1	0	1	1	1	0	0.000	0
815	812	66.6	2.49	3.4	2.74	5.58	0	0	-104	1	0	1	1	1	0	0.000	0
816	813	66.68	2.46	3.4	2.73	5.6	0	0	-101	1	0	1	1	1	0	0.000	0
817	814	66.76	2.59	3.5	2.69	5.48	0	0	-114	1	0	1	1	1	0	0.000	0
818	815	66.85	2.69	3.5	2.63	5.37	0	0	-126	1	0	1	1	1	0	0.000	0
819	816	66.93	2.66	3.5	2.59	5.32	0	0	-123	1	0	1	1	1	0	0.000	0
820	817	67.01	2.48	3.5	2.55	5.29	0	0	-105	1	0	1	1	1	0	0.000	0

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821	818	67.09	2.37	3.5	2.5	5.21	0	0	-96	1	0	1	1	1	0	0.000	0
822	819	67.17	2.39	3.5	2.45	5.09	0	0	-98	1	0	1	1	1	0	0.000	0
823	820	67.26	2.51	3.5	2.42	5.05	0	0	-109	1	0	1	1	1	0	0.000	0
824	821	67.34	2.56	3.5	2.44	5.04	0	0	-114	1	0	1	1	1	0	0.000	0
825	822	67.42	2.62	3.5	2.49	5.12	0	0	-120	1	0	1	1	1	0	0.000	0
826	823	67.5	2.71	3.5	2.55	5.21	0	0	-129	1	0	1	1	1	0	0.000	0
827	824	67.58	2.9	3.5	2.62	5.29	0	0	-151	1	0	1	1	1	0	0.000	0
828	825	67.67	3.09	3.5	2.71	5.38	0	0	-176	1	0	0	1	1	0	0.000	0
829	826	67.75	3.36	3.5	2.83	5.54	0	0	-219	1	0	0	1	1	0	0.000	0
830	827	67.83	3.59	3.5	3.02	5.8	0	0	-261	1	0	0	1	1	0	0.000	0
831	828	67.91	3.82	3.5	3.39	6.18	0	0	-304	1	0	0	1	1	0	0.000	0
832	829	67.99	4.01	3.4	3.88	7.08	0	0	-337	1	0	0	1	1	0	0.000	0
833	830	68.08	4.28	3.4	4.31	7.93	0	0	-399	1	0	0	1	1	0	0.000	0
834	831	68.16	4.55	3.4	4.53	8.12	0	0	-483	1	0	0	1	1	0	0.000	0
835	832	68.24	4.82	3.4	4.53	8.16	0	0	-598	1	0	0	1	1	0	0.000	0
836	833	68.32	4.93	3.4	4.43	8.07	0	0	-661	1	0	0	1	1	0	0.000	0
837	834	68.4	4.92	3.4	4.28	7.82	0	0	-668	1	0	0	1	1	0	0.000	0
838	835	68.49	4.99	3.5	3.96	7.6	0	0	-733	1	0	0	1	1	0	0.000	0
839	836	68.57	4.99	3.5	3.67	6.75	0	0	-758	1	0	0	1	1	0	0.000	0
840	837	68.65	4.98	3.5	3.39	6.57	0	0	-776	1	0	0	1	1	0	0.000	0
841	838	68.73	4.62	3.5	3.27	6.35	0	0	-591	1	0	0	1	1	0	0.000	0
842	839	68.81	4.21	3.5	3.17	6.17	0	0	-429	1	0	0	1	1	0	0.000	0
843	840	68.9	3.79	3.5	3.13	6.07	0	0	-30	1	0	0	1	1	0	0.000	0
844	841	68.98	3.56	3.5	3.12	6.05	0	0	-252	1	0	0	1	1	0	0.000	0
845	842	69.06	3.48	3.5	3.15	6.06	0	0	-235	1	0	0	1	1	0	0.000	0
846	843	69.14	3.43	3.5	3.17	6.09	0	0	-225	1	0	0	1	1	0	0.000	0
847	844	69.22	3.39	3.4	3.2	6.07	0	0	-216	1	0	0	1	1	0	0.000	0
848	845	69.31	3.45	3.4	3.24	6.12	0	0	-227	1	0	0	1	1	0	0.000	0
849	846	69.39	3.49	3.4	3.29	6.18	0	0	-233	1	0	0	1	1	0	0.000	0
850	847	69.47	3.42	3.4	3.34	6.22	0	0	-219	1	0	0	1	1	0	0.000	0
851	848	69.55	3.21	3.4	3.39	6.31	0	0	-182	1	0	0	1	1	0	0.000	0
852	849	69.64	3.04	3.4	3.41	6.35	0	0	-157	1	0	0	1	1	0	0.000	0
853	850	69.72	2.99	3.4	3.41	6.28	0	0	-150	1	0	1	1	1	0	0.000	0
854	851	69.8	2.99	3.4	3.42	6.23	0	0	-150	1	0	1	1	1	0	0.000	0
855	852	69.88	2.99	3.4	3.46	6.29	0	0	-149	1	0	1	1	1	0	0.000	0
856	853	69.96	3.02	3.4	3.53	6.37	0	0	-152	1	0	0	1	1	0	0.000	0
857	854	70.05	3.12	3.4	3.58	6.48	0	0	-165	1	0	0	1	1	0	0.000	0
858	855	70.13	3.23	3.4	3.63	6.5	0	0	-180	1	0	0	1	1	0	0.000	0
859	856	70.21	3.27	3.4	3.68	6.6	0	0	-185	1	0	0	1	1	0	0.000	0
860	857	70.29	3.28	3.4	3.72	6.69	0	0	-186	1	0	0	1	1	0	0.000	0
861	858	70.37	3.25	3.4	3.72	6.67	0	0	-181	1	0	0	1	1	0	0.000	0
862	859	70.46	3.2	3.4	3.68	6.6	0	0	-175	1	0	0	1	1	0	0.000	0
863	860	70.54	3.06	3.4	3.62	6.53	0	0	-156	1	0	0	1	1	0	0.000	0
864	861	70.62	2.88	3.4	3.53	6.4	0	0	-135	1	0	1	1	1	0	0.000	0
865	862	70.7	2.69	3.4	3.44	6.21	0	0	-115	1	0	1	1	1	0	0.000	0

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866	863	70.78	2.57	3.4	3.38	6.12	0	0	-104	1	0	1	1	1	0	0.000	0
867	864	70.87	2.54	3.4	3.38	6.09	0	0	-102	1	0	1	1	1	0	0.000	0
868	865	70.95	2.54	3.4	3.42	6.19	0	0	-101	1	0	1	1	1	0	0.000	0
869	866	71.03	2.5	3.4	3.46	6.24	0	0	-97	1	0	1	1	1	0	0.000	0
870	867	71.11	2.44	3.3	3.45	6.24	0	0	-92	1	0	1	1	1	0	0.000	0
871	868	71.19	2.32	3.3	3.41	6.16	0	0	-83	1	0	1	1	1	0	0.000	0
872	869	71.28	2.22	3.3	3.3	6.08	0	0	-77	1	0	1	1	1	0	0.000	0
873	870	71.36	2.15	3.4	3.18	5.73	0	0	-73	1	0	1	1	1	0	0.000	0
874	871	71.44	2.17	3.4	3.06	5.59	0	0	-76	1	0	1	1	1	0	0.000	0
875	872	71.52	2.24	3.4	3.04	5.47	0	0	-81	1	0	1	1	1	0	0.000	0
876	873	71.6	2.21	3.3	3.29	5.6	0	0	-76	1	0	1	1	1	0	0.000	0
877	874	71.69	2.01	3.3	3.76	6.62	0	0	-61	1	0	1	1	1	0	0.000	0
878	875	71.77	1.84	3.2	4.09	7.56	0	0	-50	1	0	1	1	1	0	0.000	0
879	876	71.85	1.81	3.2	4.05	7.56	0	0	-49	1	0	1	1	1	0	0.000	0
880	877	71.93	1.96	3.3	3.72	6.88	0	0	-58	1	0	1	1	1	0	0.000	0
881	878	72.01	1.98	3.3	3.5	6.32	0	0	-61	1	0	1	1	1	0	0.000	0
882	879	72.1	1.8	3.3	3.52	6.28	0	0	-51	1	0	1	1	1	0	0.000	0
883	880	72.18	1.8	3.3	3.75	6.57	0	0	-50	1	0	1	1	1	0	0.000	0
884	881	72.26	2.34	3.3	4.16	7.11	0	0	-78	1	0	1	1	1	0	0.000	0
885	882	72.34	2.96	3.3	4.87	8.05	0	0	-123	1	0	1	1	1	0	0.000	0
886	883	72.42	3.89	3.3	5.5	9.83	0	0	-248	1	0	0	1	1	0	0.000	0
887	884	72.51	4.56	3.2	6.97	10.51	0	0	-338	1	0	0	1	1	0	0.000	0
888	885	72.59	5.13	3.2	8.21	15.36	0	0	-41	1	0	0	1	1	0	0.000	0
889	886	72.67	5.35	3.2	9.47	16.28	0	0	-344	1	0	0	1	1	0	0.000	0
890	887	72.75	5.71	3.2	9.87	16.52	0	0	-394	1	0	0	1	1	0	0.000	0
891	888	72.83	6.04	3.2	10.01	17.53	0	0	-478	1	0	0	1	1	0	0.000	0
892	889	72.92	6.88	3.2	9.75	17.13	0	0	-979	1	0	0	1	1	0	0.000	0
893	890	73	8.32	3.3	9	15.5	0	0	-3417	1	0	0	1	1	0	0.000	0
894	891	73.08	9.35	3.3	9.25	14.16	0	0	-6306	1	0	0	1	1	0	0.000	0
895	892	73.16	7.71	3.2	13.31	18.28	0	0	520	1	0	0	0	1	0	0.000	0
896	893	73.24	5.81	2.9	19.86	35.34	0	0	1188	1	0	0	0	1	0	0.000	0
897	894	73.33	4.97	2.8	25.23	47.02	0	0	1076	1	0	0	0	1	0	0.000	0
898	895	73.41	4.6	2.8	27.58	45.5	0	0	950	1	0	0	0	1	0	0.000	0
899	896	73.49	4.39	2.7	29.41	47.76	0	0	900	1	0	0	0	1	0	0.000	0
900	897	73.57	3.98	2.7	32.37	57.08	0	0	757	1	0	0	0	1	0	0.000	0
901	898	73.65	3.68	2.6	35.57	60.49	0	0	685	1	0	0	0	1	0	0.000	0
902	899	73.74	3.62	2.6	35.95	61.8	0	0	663	1	0	0	0	1	0	0.000	0
903	900	73.82	4.09	2.7	33.26	58.77	0	0	866	1	0	0	0	1	0	0.000	0
904	901	73.9	4.81	2.8	30.06	50.13	0	0	1308	1	0	0	0	1	0	0.000	0
905	902	73.98	5.54	2.8	28.67	45.64	0	0	2126	1	0	0	0	1	0	0.000	0
906	903	74.06	5.4	2.8	30.84	51.29	0	0	2165	1	0	0	0	1	0	0.000	0
907	904	74.15	4.94	2.7	35.19	62.35	0	0	1872	1	0	0	0	1	0	0.000	0
908	905	74.23	4.56	2.7	39.92	70.11	0	0	1674	1	0	0	0	1	0	0.000	0
909	906	74.31	4.63	2.6	42.07	75.18	0	0	1909	1	0	0	0	1	0	0.000	0
910	907	74.39	4.73	2.6	42.71	73.96	0	0	2112	1	0	0	0	1	0	0.000	0

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911	908	74.47	4.45	2.6	46.02	74.24	0	0	1873	1	0	0	0	1	0	0.000	0
912	909	74.56	3.52	2.5	55.91	90.98	0	0	1128	1	1	0	0	1	0	0.000	0
913	910	74.64	2.54	2.3	72.21	118.18	0	0	666	1	1	1	0	1	0	0.000	0
914	911	74.72	1.81	2.1	87.8	142.65	0	0	434	1	1	1	0	1	0	0.000	0
915	912	74.8	1.44	2.0	93.51	147.94	0	0	331	1	1	1	0	1	0	0.000	0
916	913	74.88	1.34	2.0	87.96	129.96	0	0.03	281	1	1	1	0	1	0	0.000	0
917	914	74.97	1.26	2.1	78.86	111.05	0	0.06	229	1	1	1	0	1	0	0.000	0
918	915	75.05	1.16	2.1	72.61	103.16	0	0.08	189	1	1	1	0	1	0	0.000	0
919	916	75.13	1	2.0	69.45	98.16	0	0.1	153	1	1	1	0	1	0	0.000	0
920	917	75.21	0.99	2.1	64.8	92.5	0	0.11	139	1	1	1	0	1	0	0.000	0
921	918	75.29	1.01	2.1	57.29	83.79	0	0.12	122	1	1	1	0	1	0	0.000	0
922	919	75.38	1.01	2.2	51.14	68.34	0	0.18	105	1	1	1	0	1	0	0.000	0
923	920	75.46	1.11	2.2	45.2	67.98	0	0.16	98	1	1	1	0	1	0	0.000	0
924	921	75.54	1.17	2.2	43.11	61.49	0	0.19	97	1	1	1	0	1	0	0.000	0
925	922	75.62	1.2	2.3	41.37	61.35	0	0.19	94	1	1	1	0	1	0	0.000	0
926	923	75.7	1.27	2.3	41.73	61.34	0	0.19	102	1	1	1	0	1	0	0.000	0
927	924	75.79	1.2	2.3	42.89	64.1	0	0	99	1	1	1	0	1	0	0.000	0
928	925	75.87	1.79	2.4	43.29	65.88	0	0	174	1	1	1	0	1	0	0.000	0
929	926	75.95	2.32	2.4	45.03	72.06	0	0	298	1	1	1	0	1	0	0.000	0
930	927	76.03	3.07	2.5	48.55	79.68	0	0	638	1	1	0	0	1	0	0.000	0
931	928	76.11	3.36	2.5	51.43	91.95	0	0.06	885	1	1	0	0	1	0	0.000	0
932	929	76.2	3.57	2.5	51.37	90.23	0	0.06	1053	1	1	0	0	1	0	0.000	0
933	930	76.28	3.69	2.5	48.37	81.86	0	0.08	1074	1	1	0	0	1	0	0.000	0
934	931	76.36	3.63	2.5	45.93	77.64	0	0.09	953	1	1	0	0	1	0	0.000	0
935	932	76.44	3.4	2.5	45.71	77.18	0	0.09	880	1	1	0	0	1	0	0.000	0
936	933	76.52	3.13	2.5	46.29	78.92	0	0.09	630	1	1	0	0	1	0	0.000	0
937	934	76.61	2.81	2.5	47.01	78.23	0	0.09	488	1	1	1	0	1	0	0.000	0
938	935	76.69	2.62	2.4	46.21	77.75	0	0.1	403	1	1	1	0	1	0	0.000	0
939	936	76.77	2.48	2.4	46.16	72.94	0	0.12	356	1	1	1	0	1	0	0.000	0
940	937	76.85	2.5	2.4	45.82	76.37	0	0.1	359	1	1	1	0	1	0	0.000	0
941	938	76.93	2.44	2.4	48.59	76.32	0	0.1	368	1	1	1	0	1	0	0.000	0
942	939	77.02	2.42	2.4	53.71	86.02	0	0.08	413	1	1	1	0	1	0	0.000	0
943	940	77.1	2.54	2.4	57.87	101.92	0	0.05	506	1	1	1	0	1	0	0.000	0
944	941	77.18	2.63	2.4	60.37	98.83	0	0.05	578	1	1	1	0	1	0	0.000	0
945	942	77.26	2.6	2.4	60.19	100.28	0	0.05	561	1	1	1	0	1	0	0.000	0
946	943	77.34	2.23	2.3	62.18	100.3	0	0.05	420	1	1	1	0	1	0	0.000	0
947	944	77.43	1.86	2.2	61.83	102.58	0	0.05	298	1	1	1	0	1	0	0.000	0
948	945	77.51	1.55	2.2	60.31	90.88	0	0.08	217	1	1	1	0	1	0	0.000	0
949	946	77.59	1.28	2.2	57.44	85.69	0	0.1	158	1	1	1	0	1	0	0.000	0
950	947	77.67	1.02	2.1	57.6	81.43	0	0.13	124	1	1	1	0	1	0	0.000	0
951	948	77.75	0.92	2.1	57.03	83.91	0	0.13	111	1	1	1	0	1	0	0.000	0
952	949	77.84	0.95	2.1	56.18	79.45	0	0	112	1	1	1	0	1	0	0.000	0
953	950	77.92	1.15	2.2	51.71	79.61	0	0	122	1	1	1	0	1	0	0.000	0
954	951	78	1.35	2.2	47.64	70.78	0	0	132	1	1	1	0	1	0	0.000	0
955	952	78.08	1.66	2.3	43.11	67.19	0	0	154	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
956	953	78.17	1.96	2.4	39.31	65.19	0	0	177	1	1	1	0	1	0	0.000	0
957	954	78.25	2.34	2.5	33.72	57.92	0	0	198	1	1	1	0	1	0	0.000	0
958	955	78.33	2.67	2.6	28.69	45.39	0	0	202	1	0	1	0	1	0	0.000	0
959	956	78.41	2.77	2.6	27.45	43.68	0	0	204	1	0	1	0	1	0	0.000	0
960	957	78.49	2.42	2.5	32.4	52.59	0	0	199	1	1	1	0	1	0	0.000	0
961	958	78.58	1.99	2.4	38.96	67.17	0	0	180	1	1	1	0	1	0	0.000	0
962	959	78.66	1.75	2.3	44.07	70.29	0	0	172	1	1	1	0	1	0	0.000	0
963	960	78.74	1.54	2.3	46.87	72.76	0	0	154	1	1	1	0	1	0	0.000	0
964	961	78.82	1.37	2.2	49.89	76.51	0	0	143	1	1	1	0	1	0	0.000	0
965	962	78.9	1.19	2.2	54.09	80.24	0	0	134	1	1	1	0	1	0	0.000	0
966	963	78.99	1.33	2.2	57.52	87.73	0	0.1	166	1	1	1	0	1	0	0.000	0
967	964	79.07	1.45	2.2	61.86	95.02	0	0.08	204	1	1	1	0	1	0	0.000	0
968	965	79.15	1.43	2.1	67.47	103.27	0	0.06	223	1	1	1	0	1	0	0.000	0
969	966	79.23	1.21	2.1	74.51	112.27	0	0.06	204	1	1	1	0	1	0	0.000	0
970	967	79.31	0.99	2.0	82.03	117.26	0	0.07	185	1	1	1	0	1	0	0.000	0
971	968	79.4	0.98	2.0	86.83	124.72	0	0.07	196	1	1	1	0	1	0	0.000	0
972	969	79.48	1.05	2.0	89.37	130.63	0	0.05	217	1	1	1	0	1	0	0.000	0
973	970	79.56	1.06	2.0	91.58	131.4	0	0.05	226	1	1	1	0	1	0	0.000	0
974	971	79.64	1.07	2.0	91.81	136.33	0	0.04	228	1	1	1	0	1	0	0.000	0
975	972	79.72	1.17	2.0	91.76	133.32	0	0.04	251	1	1	1	0	1	0	0.000	0
976	973	79.81	1.41	2.0	90.62	140.01	0	0	311	1	1	1	0	1	0	0.000	0
977	974	79.89	1.59	2.1	92.87	145.79	0	0	378	1	1	1	0	1	0	0.000	0
978	975	79.97	1.66	2.1	94.8	155.9	0	0	417	1	1	1	0	1	0	0.000	0
979	976	80.05	1.64	2.1	95.79	154.25	0	0	411	1	1	1	0	1	0	0.000	0
980	977	80.13	1.57	2.1	95.97	150.15	0	0	386	1	1	1	0	1	0	0.000	0
981	978	80.22	1.41	2.0	95.96	152.12	0	0	332	1	1	1	0	1	0	0.000	0
982	979	80.3	1.31	2.0	95.58	144.96	0	0	301	1	1	1	0	1	0	0.000	0
983	980	80.38	1.26	2.0	94.21	141.95	0	0.01	282	1	1	1	0	1	0	0.000	0
984	981	80.46	1.2	2.0	94.09	141.35	0	0.02	266	1	1	1	0	1	0	0.000	0
985	982	80.54	1.15	2.0	93.76	140.23	0	0.02	253	1	1	1	0	1	0	0.000	0
986	983	80.63	1.2	2.0	89.11	138.74	0	0.01	250	1	1	1	0	1	0	0.000	0
987	984	80.71	1.42	2.1	81.88	124.68	0	0.03	279	1	1	1	0	1	0	0.000	0
988	985	80.79	1.64	2.2	74.3	118.64	0	0.02	305	1	1	1	0	1	0	0.000	0
989	986	80.87	1.62	2.1	74.97	111.41	0	0.05	302	1	1	1	0	1	0	0.000	0
990	987	80.95	1.55	2.1	79.52	128.75	0	0.01	304	1	1	1	0	1	0	0.000	0
991	988	81.04	1.43	2.1	85.41	138.29	0	0	295	1	1	1	0	1	0	0.000	0
992	989	81.12	1.36	2.0	88.03	134.53	0	0.01	287	1	1	1	0	1	0	0.000	0
993	990	81.2	1.18	2.0	91.61	135.16	0	0.03	253	1	1	1	0	1	0	0.000	0
994	991	81.28	1.06	1.9	95.11	143.31	0	0.03	236	1	1	1	0	1	0	0.000	0
995	992	81.36	1.1	2.0	96.2	142.16	0	0.03	248	1	1	1	0	1	0	0.000	0
996	993	81.45	1.31	2.0	93.33	143.94	0	0	293	1	1	1	0	1	0	0.000	0
997	994	81.53	1.44	2.1	90.61	144.15	0	0	320	1	1	1	0	1	0	0.000	0
998	995	81.61	1.48	2.1	88.89	139.33	0	0	324	1	1	1	0	1	0	0.000	0
999	996	81.69	1.5	2.1	86.64	139.54	0	0	321	1	1	1	0	1	0	0.000	0
1000	997	81.77	1.5	2.1	86.48	134.24	0	0	320	1	1	1	0	1	0	0.000	0

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1001	998	81.86	1.48	2.1	86.93	138.94	0	0	316	1	1	1	0	1	0	0.000	0
1002	999	81.94	1.3	2.0	88.4	139.63	0	0	272	1	1	1	0	1	0	0.000	0
1003	1000	82.02	1.31	2.0	86.62	133.66	0	0.02	268	1	1	1	0	1	0	0.000	0
1004	1001	82.1	1.34	2.1	84.76	129.91	0	0.02	269	1	1	1	0	1	0	0.000	0
1005	1002	82.18	1.43	2.1	84.25	133.3	0	0.01	291	1	1	1	0	1	0	0.000	0
1006	1003	82.27	1.39	2.1	84.61	135.8	0	0	281	1	1	1	0	1	0	0.000	0
1007	1004	82.35	1.34	2.1	85.42	130.31	0	0.02	272	1	1	1	0	1	0	0.000	0
1008	1005	82.43	1.25	2.0	87.74	133.9	0	0.02	257	1	1	1	0	1	0	0.000	0
1009	1006	82.51	1.18	2.0	92.46	140.92	0	0.02	256	1	1	1	0	1	0	0.000	0
1010	1007	82.59	1.12	2.0	95.69	147.16	0	0.01	251	1	1	1	0	1	0	0.000	0
1011	1008	82.68	1.19	2.0	97.11	144.92	0	0.01	273	1	1	1	0	1	0	0.000	0
1012	1009	82.76	1.45	2.0	96.41	154.31	0	0	347	1	1	1	0	1	0	0.000	0
1013	1010	82.84	1.47	2.0	100.16	159.86	0	0	369	1	1	1	0	1	0	0.000	0
1014	1011	82.92	1.48	2.0	102.83	168.37	0	0	384	0	1	1	0	1	0	0.000	0
1015	1012	83	1.36	2.0	106.84	166.88	0	0	358	[illegible]	1	1	0	1	0	0.000	0
1016	1013	83.09	1.36	2.0	108.44	173.42	0	0	364	0	1	1	0	1	0	0.000	0
1017	1014	83.17	1.38	2.0	106.38	175.72	0	0	363	0	1	1	0	1	0	0.000	0
1018	1015	83.25	1.31	2.0	100.75	157.6	0	0	319	1	1	1	0	1	0	0.000	0
1019	1016	83.33	1.35	2.0	93.21	142.81	0	0	303	1	1	1	0	1	0	0.000	0
1020	1017	83.41	1.27	2.0	90.41	139.57	0	0.01	272	1	1	1	0	1	0	0.000	0
1021	1018	83.5	1.21	2.0	86.06	140.95	0	0	242	1	1	1	0	1	0	0.000	0
1022	1019	83.58	1.22	2.0	79.05	119.41	0	0.05	221	1	1	1	0	1	0	0.000	0
1023	1020	83.66	1.29	2.1	72.12	107.67	0	0.06	211	1	1	1	0	1	0	0.000	0
1024	1021	83.74	1.31	2.1	69.86	111.41	0	0.05	208	1	1	1	0	1	0	0.000	0
1025	1022	83.82	1.17	2.1	69.95	109.92	0	0.06	182	1	1	1	0	1	0	0.000	0
1026	1023	83.91	1	2.1	67.16	102.22	0	0.08	147	1	1	1	0	1	0	0.000	0
1027	1024	83.99	0.88	2.0	61.74	90.79	0	0.12	118	1	1	1	0	1	0	0.000	0
1028	1025	84.07	0.8	2.0	57.6	80.03	0	0.16	100	1	1	1	0	1	0	0.000	0
1029	1026	84.15	0.76	2.1	55.44	80.47	0	0.16	92	1	1	1	0	1	0	0.000	0
1030	1027	84.23	0.83	2.1	56.05	80.28	0	0.15	99	1	1	1	0	1	0	0.000	0
1031	1028	84.32	0.92	2.1	57.58	86.25	0	0.12	112	1	1	1	0	1	0	0.000	0
1032	1029	84.4	0.95	2.1	60.69	91.03	0	0.11	124	1	1	1	0	1	0	0.000	0
1033	1030	84.48	0.93	2.0	64.54	95.38	0	0.1	131	1	1	1	0	1	0	0.000	0
1034	1031	84.56	0.98	2.0	68.48	102.47	0	0.09	148	1	1	1	0	1	0	0.000	0
1035	1032	84.64	1.06	2.0	71.54	110.8	0	0.07	168	1	1	1	0	1	0	0.000	0
1036	1033	84.73	1.08	2.0	74.06	112.89	0	0.06	179	1	1	1	0	1	0	0.000	0
1037	1034	84.81	1.1	2.0	73.95	115.62	0	0.06	182	1	1	1	0	1	0	0.000	0
1038	1035	84.89	1.12	2.1	72.56	111.73	0	0.06	181	1	1	1	0	1	0	0.000	0
1039	1036	84.97	1.26	2.1	68.99	108.75	0	0.06	195	1	1	1	0	1	0	0.000	0
1040	1037	85.05	1.31	2.1	68.23	104.87	0	0.06	202	1	1	1	0	1	0	0.000	0
1041	1038	85.14	1.42	2.1	68.41	111.89	0	0.05	224	1	1	1	0	1	0	0.000	0
1042	1039	85.22	1.32	2.1	70.76	113.56	0	0.05	213	1	1	1	0	1	0	0.000	0
1043	1040	85.3	1.19	2.1	72.81	112.8	0	0.06	195	1	1	1	0	1	0	0.000	0
1044	1041	85.38	0.9	2.0	77.24	112.34	0	0.09	158	1	1	1	0	1	0	0.000	0
1045	1042	85.46	1.05	2.0	78.98	119.81	0	0.06	188	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1046	1043	85.55	1.38	2.1	82.18	128.84	0	0.02	269	1	1	1	0	1	0	0.000	0
1047	1044	85.63	1.79	2.1	88.34	149.09	0	0	430	1	1	1	0	1	0	0.000	0
1048	1045	85.71	1.98	2.1	95.77	175.6	0	0	561	0	1	1	0	1	0	0.000	0
1049	1046	85.79	2.01	2.1	98.23	180.9	0	0	594	0	1	1	0	1	0	0.000	0
1050	1047	85.87	2.13	2.2	93.75	166.07	0	0	628	0	1	1	0	1	0	0.000	0
1051	1048	85.96	2.14	2.2	85.31	154.69	0	0	568	1	1	1	0	1	0	0.000	0
1052	1049	86.04	2.19	2.2	76.23	133.82	0	0	520	1	1	1	0	1	0	0.000	0
1053	1050	86.12	2.02	2.2	68.82	116.49	0	0.02	394	1	1	1	0	1	0	0.000	0
1054	1051	86.2	1.82	2.2	62.61	108.63	0	0.04	292	1	1	1	0	1	0	0.000	0
1055	1052	86.28	1.62	2.2	56.87	94.98	0	0.07	215	1	1	1	0	1	0	0.000	0
1056	1053	86.37	1.53	2.3	50.01	81.89	0	0.1	167	1	1	1	0	1	0	0.000	0
1057	1054	86.45	1.46	2.3	44.26	71.97	0	0.13	132	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.42	2.3	40.44	65.54	0	0.16	112	1	1	1	0	1	0	0.000	0
1059	1056	86.61	1.33	2.3	40.22	62.66	0	0.18	102	1	1	1	0	1	0	0.000	0
1060	1057	86.7	1.2	2.3	40.21	69.3	0	0.15	90	1	1	1	0	1	0	0.000	0
1061	1058	86.78	0.79	2.2	42.24	62.2	0	0.21	65	1	1	1	1	1	0	0.000	0
1062	1059	86.86	0.35	2.0	43.07	59.38	0	0.34	44	1	1	1	1	1	0	0.000	0
1063	1060	86.94	0	2.6	31.86	60.64	0	0	19	1	0	1	1	1	0	0.000	0
1064	1061	87.02	0	2.7	29.07	56.27	0	0	17	1	0	1	1	1	0	0.000	0
1065	1062	87.11	0	2.8	17.87	47.33	0	0	5	1	0	1	1	1	0	0.000	0
1066	1063	87.19	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1067	1064	87.27	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1068	1065	87.35	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1069	1066	87.43	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1070	1067	87.52	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1071	1068	87.6	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1072	1069	87.68	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1073	1070	87.76	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1074	1071	87.84	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1075	1072	87.93	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1076	1073	88.01	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1077	1074	88.09	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.000	0
1078	1075	88.17	1.96	2.5	26.77	73.47	0	0	94	1	1	1	0	1	0	0.000	0
1079	1076	88.25	1.68	2.3	46.35	79.94	0	0	173	1	1	1	0	1	0	0.000	0
1080	1077	88.34	1.41	2.2	53.12	83.55	0	0	162	1	1	1	0	1	0	0.000	0
1081	1078	88.42	1.32	2.2	54.98	100.53	0	0	155	1	1	1	0	1	0	0.000	0
1082	1079	88.5	1.45	2.2	55.47	86.38	0	0.09	177	1	1	1	0	1	0	0.000	0
1083	1080	88.58	1.64	2.3	54.08	89.63	0	0.08	205	1	1	1	0	1	0	0.000	0
1084	1081	88.66	1.61	2.2	57.74	98.7	0	0.06	217	1	1	1	0	1	0	0.000	0
1085	1082	88.75	1.56	2.2	61.35	105.08	0	0.05	224	1	1	1	0	1	0	0.000	0
1086	1083	88.83	1.48	2.2	63.35	106.8	0	0.05	216	1	1	1	0	1	0	0.000	0
1087	1084	88.91	1.44	2.2	63.65	106.26	0	0.05	209	1	1	1	0	1	0	0.000	0
1088	1085	88.99	1.38	2.2	64.24	104.91	0	0.06	200	1	1	1	0	1	0	0.000	0
1089	1086	89.07	1.38	2.2	64.39	108	0	0.05	201	1	1	1	0	1	0	0.000	0
1090	1087	89.16	1.32	2.1	65.82	106.6	0	0.06	195	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1091	1088	89.24	1.31	2.1	66.65	109.93	0	0	196	1	1	1	0	1	0	0.000	0
1092	1089	89.32	1.49	2.2	64.61	112.95	0	0	223	1	1	1	0	1	0	0.000	0
1093	1090	89.4	1.81	2.3	59.42	103.85	0	0	271	1	1	1	0	1	0	0.000	0
1094	1091	89.48	2.4	2.4	50.82	94.09	0	0	377	1	1	1	0	1	0	0.000	0
1095	1092	89.57	2.93	2.5	43.14	79.94	0	0	481	1	1	1	0	1	0	0.000	0
1096	1093	89.65	3.45	2.6	35.99	69.97	0	0	575	1	0	0	0	1	0	0.000	0
1097	1094	89.73	3.51	2.6	33.75	58.9	0	0	547	1	0	0	0	1	0	0.000	0
1098	1095	89.81	3.07	2.6	35.63	67.73	0	0	410	1	1	0	0	1	0	0.000	0
1099	1096	89.89	2.41	2.4	42.8	76.77	0	0	301	1	1	1	0	1	0	0.000	0
1100	1097	89.98	1.85	2.3	49.44	91.05	0	0	221	1	1	1	0	1	0	0.000	0
1101	1098	90.06	1.53	2.2	54.09	92.68	0	0	185	1	1	1	0	1	0	0.000	0
1102	1099	90.14	1.41	2.2	56.03	92.88	0	0	173	1	1	1	0	1	0	0.000	0
1103	1100	90.22	1.37	2.2	57.07	96.8	0	0.07	171	1	1	1	0	1	0	0.000	0
1104	1101	90.3	1.57	2.2	55.92	97.01	0	0.06	201	1	1	1	0	1	0	0.000	0
1105	1102	90.39	1.8	2.3	53.66	93.24	0	0.07	235	1	1	1	0	1	0	0.000	0
1106	1103	90.47	2.05	2.3	51.69	91.87	0	0.07	282	1	1	1	0	1	0	0.000	0
1107	1104	90.55	2.05	2.3	50.52	92.47	0	0.07	273	1	1	1	0	1	0	0.000	0
1108	1105	90.63	2.07	2.4	47.79	87.61	0	0.08	258	1	1	1	0	1	0	0.000	0
1109	1106	90.71	2.09	2.4	44.91	77.77	0	0.1	241	1	1	1	0	1	0	0.000	0
1110	1107	90.8	1.96	2.4	43.68	77.36	0	0.1	206	1	1	1	0	1	0	0.000	0
1111	1108	90.88	1.73	2.3	45.12	78.64	0	0.1	175	1	1	1	0	1	0	0.000	0
1112	1109	90.96	1.54	2.3	48.37	81.07	0	0.1	161	1	1	1	0	1	0	0.000	0
1113	1110	91.04	1.53	2.3	52.32	89.86	0	0.08	17[illegible]	1	1	1	0	1	0	0.000	0
1114	1111	91.12	1.54	2.2	60.82	98.25	0	0.07	217	1	1	1	0	1	0	0.000	0
1115	1112	91.21	1.54	2.2	68.85	126.32	0	0	253	1	1	1	0	1	0	0.000	0
1116	1113	91.29	1.54	2.1	77.69	131.92	0	0	293	1	1	1	0	1	0	0.000	0
1117	1114	91.37	1.61	2.1	81.93	146.08	0	0	333	1	1	1	0	1	0	0.000	0
1118	1115	91.45	1.63	2.1	86.37	152.23	0	0	361	1	1	1	0	1	0	0.000	0
1119	1116	91.53	1.58	2.1	92.96	157.6	0	0	375	1	1	1	0	1	0	0.000	0
1120	1117	91.62	1.56	2.0	102.51	181	0	0	412	0	1	1	0	1	0	0.000	0
1121	1118	91.7	1.53	2.0	113.95	202.65	0	0	452	0	1	1	0	1	0	0.000	0
1122	1119	91.78	1.7	2.0	118.13	215.96	0	0	551	0	1	1	0	1	0	0.000	0
1123	1120	91.86	1.83	2.0	118.26	210.72	0	0	622	0	1	1	0	1	0	0.000	0
1124	1121	91.94	2	2.1	114.81	209.6	0	0	702	0	1	1	0	1	0	0.000	0
1125	1122	92.03	2.11	2.1	110.95	207.68	0	0	747	0	1	1	0	1	0	0.000	0
1126	1123	92.11	2.33	2.2	105.01	197.45	0	0	856	0	1	1	0	1	0	0.000	0
1127	1124	92.19	2.47	2.2	101.24	189.28	0	0	930	0	1	1	0	1	0	0.000	0
1128	1125	92.27	2.37	2.2	100.73	194.3	0	0	846	0	1	1	0	1	0	0.000	0
1129	1126	92.35	2.09	2.1	101.8	191.92	0	0	665	0	1	1	0	1	0	0.000	0
1130	1127	92.44	1.79	2.1	101.67	185.6	0	0	505	0	1	1	0	1	0	0.000	0
1131	1128	92.52	1.49	2.0	102.78	179.36	0	0	387	0	1	1	0	1	0	0.000	0
1132	1129	92.6	1.19	1.9	106.37	175.44	0	0	303	0	1	1	0	1	0	0.000	0
1133	1130	92.68	0.96	1.9	111.64	169.53	0	0.02	257	0	1	1	0	1	0	0.000	0
1134	1131	92.76	0.94	1.9	111.1	175.66	0	0.01	251	0	1	1	0	1	0	0.000	0
1135	1132	92.85	1.29	2.0	104.3	174.04	0	0	326	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1136	1133	92.93	1.7	2.1	97.29	176.16	0	0	442	0	1	1	0	1	0	0.000	0
1137	1134	93.01	2.03	2.1	92.93	178.33	0	0	568	0	1	1	0	1	0	0.000	0
1138	1135	93.09	2.12	2.2	89.49	172.7	0	0	589	0	1	1	0	1	0	0.000	0
1139	1136	93.17	2.38	2.2	81.21	162.9	0	0	665	0	1	1	0	1	0	0.000	0
1140	1137	93.26	2.69	2.3	73.81	137.8	0	0	780	1	1	1	0	1	0	0.000	0
1141	1138	93.34	2.65	2.3	68.89	135.77	0	0	693	1	1	1	0	1	0	0.000	0
1142	1139	93.42	2.2	2.3	68.81	129.58	0	0	463	1	1	1	0	1	0	0.000	0
1143	1140	93.5	1.64	2.2	69.46	123.62	0	0.01	281	1	1	1	0	1	0	0.000	0
1144	1141	93.58	1.38	2.1	69.9	118.81	0	0.03	222	1	1	1	0	1	0	0.000	0
1145	1142	93.67	1.37	2.1	68.6	119.84	0	0.03	215	1	1	1	0	1	0	0.000	0
1146	1143	93.75	1.44	2.2	66.47	115.91	0	0.03	221	1	1	1	0	1	0	0.000	0
1147	1144	93.83	1.54	2.2	61.75	111.44	0	0.04	221	1	1	1	0	1	0	0.000	0
1148	1145	93.91	1.57	2.2	57.57	98.73	0	0.06	208	1	1	1	0	1	0	0.000	0
1149	1146	93.99	1.63	2.3	52.84	95.37	0	0.07	197	1	1	1	0	1	0	0.000	0
1150	1147	94.08	1.69	2.3	50.59	87.83	0	0.08	197	1	1	1	0	1	0	0.000	0
1151	1148	94.16	1.74	2.3	49.69	88.76	0	0.08	201	1	1	1	0	1	0	0.000	0
1152	1149	94.24	1.61	2.3	51.04	91.84	0	0.07	185	1	1	1	0	1	0	0.000	0
1153	1150	94.32	1.45	2.2	53	91.91	0	0.08	167	1	1	1	0	1	0	0.000	0
1154	1151	94.41	1.27	2.2	55.95	94.12	0	0.08	151	1	1	1	0	1	0	0.000	0
1155	1152	94.49	1.19	2.1	60.54	100.48	0	0.07	155	1	1	1	0	1	0	0.000	0
1156	1153	94.57	1.11	2.0	74.23	109.86	0	0.07	185	1	1	1	0	1	0	0.000	0
1157	1154	94.65	1.03	2.0	90.8	158.32	0	0	217	1	1	1	0	1	0	0.000	0
1158	1155	94.73	1.13	1.9	104.22	177.81	0	0	281	0	1	1	0	1	0	0.000	0
1159	1156	94.82	1.27	2.0	108.86	185.62	0	0	336	0	1	1	0	1	0	0.000	0
1160	1157	94.9	1.35	2.0	115.07	197.73	0	0	386	0	1	1	0	1	0	0.000	0
1161	1158	94.98	1.45	2.0	117.35	219.5	0	0	433	0	1	1	0	1	0	0.000	0
1162	1159	95.06	1.74	2.0	113.73	207.68	0	0	548	0	1	1	0	1	0	0.000	0
1163	1160	95.14	2.23	2.1	105.75	198.94	0	0	788	0	1	1	0	1	0	0.000	0
1164	1161	95.23	2.68	2.2	100.29	202.16	0	0	1107	0	1	1	0	1	0	0.000	0
1165	1162	95.31	2.83	2.2	97.7	195.81	0	0	1226	0	1	1	0	1	0	0.000	0
1166	1163	95.39	2.89	2.3	93.36	190.53	0	0	1226	0	1	1	0	1	0	0.000	0
1167	1164	95.47	2.78	2.3	91.66	181.76	0	0	1090	0	1	1	0	1	0	0.000	0
1168	1165	95.55	2.76	2.2	91.1	184.39	0	0	1064	0	1	1	0	1	0	0.000	0
1169	1166	95.64	2.62	2.2	93.39	187.48	0	0	968	0	1	1	0	1	0	0.000	0
1170	1167	95.72	2.49	2.2	95.54	189.96	0	0	886	0	1	1	0	1	0	0.000	0
1171	1168	95.8	2.16	2.2	97.53	192	0	0	675	0	1	1	0	1	0	0.000	0
1172	1169	95.88	1.87	2.1	98.62	186.82	0	0	525	0	1	1	0	1	0	0.000	0
1173	1170	95.96	1.62	2.1	99.17	183.96	0	0	419	0	1	1	0	1	0	0.000	0
1174	1171	96.05	1.54	2.0	98.99	182.58	0	0	389	0	1	1	0	1	0	0.000	0
1175	1172	96.13	1.48	2.0	99.63	179.54	0	0	370	0	1	1	0	1	0	0.000	0
1176	1173	96.21	1.51	2.0	98.78	183.53	0	0	377	0	1	1	0	1	0	0.000	0
1177	1174	96.29	1.6	2.1	97.19	180.49	0	0	402	0	1	1	0	1	0	0.000	0
1178	1175	96.37	1.78	2.1	95.42	179.08	0	0	465	0	1	1	0	1	0	0.000	0
1179	1176	96.46	1.86	2.1	93.37	184.52	0	0	489	0	1	1	0	1	0	0.000	0
1180	1177	96.54	1.82	2.1	91.7	174.71	0	0	461	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1181	1178	96.62	1.76	2.1	88.21	166.93	0	0	417	0	1	1	0	1	0	0.000	0
1182	1179	96.7	1.67	2.1	85.46	160.11	0	0	370	0	1	1	0	1	0	0.000	0
1183	1180	96.78	1.6	2.1	83.44	152.06	0	0	337	1	1	1	0	1	0	0.000	0
1184	1181	96.87	1.58	2.1	81.22	150.57	0	0	320	1	1	1	0	1	0	0.000	0
1185	1182	96.95	1.57	2.1	79.74	145.32	0	0	311	1	1	1	0	1	0	0.000	0
1186	1183	97.03	1.61	2.1	78.65	143.34	0	0	317	1	1	1	0	1	0	0.000	0
1187	1184	97.11	1.67	2.1	76.52	146.8	0	0	325	1	1	1	0	1	0	0.000	0
1188	1185	97.19	1.76	2.2	73.54	137.01	0	0	336	1	1	1	0	1	0	0.000	0
1189	1186	97.28	1.82	2.2	70.26	130.58	0	0	336	1	1	1	0	1	0	0.000	0
1190	1187	97.36	1.8	2.2	67.64	130.08	0	0	315	1	1	1	0	1	0	0.000	0
1191	1188	97.44	1.73	2.2	66.39	121.11	0	0.01	289	1	1	1	0	1	0	0.000	0
1192	1189	97.52	1.6	2.2	65.35	120.56	0	0.01	251	1	1	1	0	1	0	0.000	0
1193	1190	97.6	1.38	2.1	65.64	117.76	0	0.03	205	1	1	1	0	1	0	0.000	0
1194	1191	97.69	1.22	2.1	67.51	112.59	0	0.05	183	1	1	1	0	1	0	0.000	0
1195	1192	97.77	1.18	2.1	70.71	122.34	0	0.03	186	1	1	1	0	1	0	0.000	0
1196	1193	97.85	1.34	2.1	74.71	132.96	0	0	232	1	1	1	0	1	0	0.000	0
1197	1194	97.93	1.94	2.2	75.59	146.41	0	0	410	1	1	1	0	1	0	0.000	0
1198	1195	98.01	2.54	2.3	76.18	159.62	0	0	710	1	1	1	0	1	0	0.000	0
1199	1196	98.1	2.74	2.3	80.88	163.85	0	0	909	0	1	1	0	1	0	0.000	0
1200	1197	98.18	2.66	2.3	86.15	184.02	0	0	913	0	1	1	0	1	0	0.000	0
1201	1198	98.26	2.61	2.2	89.29	188.08	0	0	911	0	1	1	0	1	0	0.000	0
1202	1199	98.34	2.63	2.2	87.46	180.38	0	0	905	0	1	1	0	1	0	0.000	0
1203	1200	98.42	2.69	2.3	81	175.23	0	0	87	0	1	1	0	1	0	0.000	0
1204	1201	98.51	2.41	2.3	76.16	151.43	0	0	632	1	1	1	0	1	0	0.000	0
1205	1202	98.59	2.31	2.3	68.66	140.58	0	0	410	1	1	1	0	1	0	0.000	0
1206	1203	98.67	1.98	2.3	64.22	122.18	0	0	349	1	1	1	0	1	0	0.000	0
1207	1204	98.75	1.96	2.3	58.19	112.15	0	0.02	302	1	1	1	0	1	0	0.000	0
1208	1205	98.83	1.79	2.3	55.11	102.14	0	0.05	241	1	1	1	0	1	0	0.000	0
1209	1206	98.92	1.49	2.2	54.7	98.33	0	0.06	181	1	1	1	0	1	0	0.000	0
1210	1207	99	1.16	2.2	55.95	99.14	0	0.07	136	1	1	1	0	1	0	0.000	0
1211	1208	99.08	1	2.1	56.74	95.73	0	0.09	119	1	1	1	0	1	0	0.000	0
1212	1209	99.16	1.01	2.1	55.81	94.63	0	0.09	118	1	1	1	0	1	0	0.000	0
1213	1210	99.24	1.09	2.1	54.99	94.61	0	0.08	125	1	1	1	0	1	0	0.000	0
1214	1211	99.33	1.19	2.2	55.77	95.66	0	0.08	140	1	1	1	0	1	0	0.000	0
1215	1212	99.41	1.24	2.2	59.28	103.19	0	0.06	158	1	1	1	0	1	0	0.000	0
1216	1213	99.49	1.3	2.1	65.03	116.16	0	0.04	188	1	1	1	0	1	0	0.000	0
1217	1214	99.57	1.33	2.1	71.27	130.01	0	0	217	1	1	1	0	1	0	0.000	0
1218	1215	99.65	1.35	2.1	75.92	139.5	0	0	238	1	1	1	0	1	0	0.000	0
1219	1216	99.74	1.32	2.1	79.38	142.89	0	0	244	1	1	1	0	1	0	0.000	0
1220	1217	99.82	1.27	2.1	80.68	147.43	0	0	238	1	1	1	0	1	0	0.000	0
1221	1218	99.9	1.21	2.0	80.36	143.26	0	0	223	1	1	1	0	1	0	0.000	0
1222	1219	99.98	1.15	2.0	78.01	135.89	0	0.01	204	1	1	1	0	1	0	0.000	0
1223	1220	100.06	1.07	2.0	75.91	129.27	0	0.03	183	1	1	1	0	1	0	0.000	0
1224	1221	100.15	1.04	2.0	73.2	126.86	0	0.03	170	1	1	1	0	1	0	0.000	0
1225	1222	100.23	0.69	1.9	73.98	112.59	0	0.11	123	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1226	1223	100.31	0.35	1.8	75	96.93	0	0.33	89	1	1	1	0	1	0	0.000	0
1227	1224	100.39	0	4.1	49.28	112.96	0	0	37	1	0	1	1	1	0	0.000	0
1228	1225	100.47	0	4.1	45.52	106.81	0	0	33	1	0	1	1	1	0	0.000	0
1229	1226	100.56	0	4.1	42.73	89.79	0	0	30	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

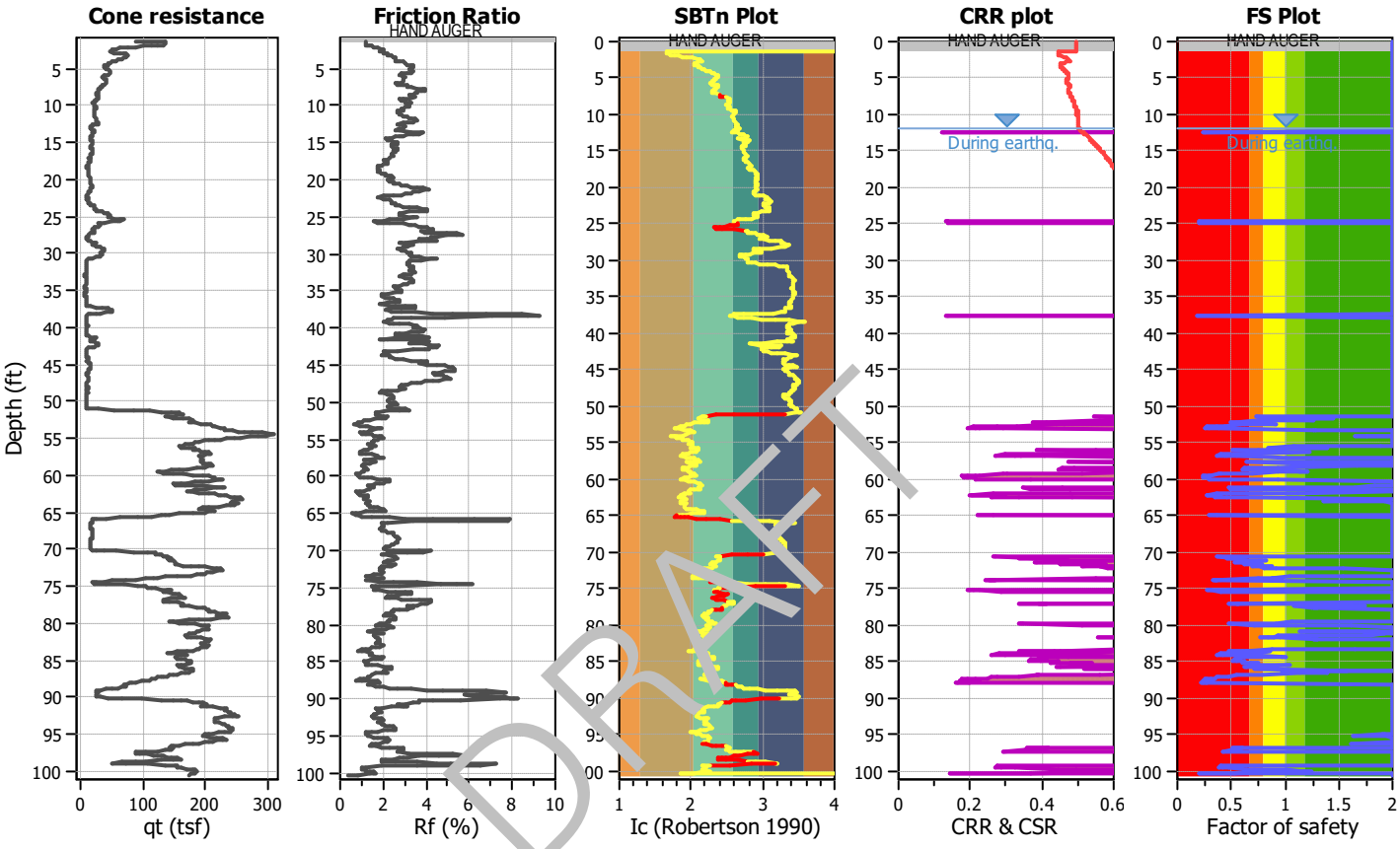
LIQUEFACTION ANALYSIS REPORT

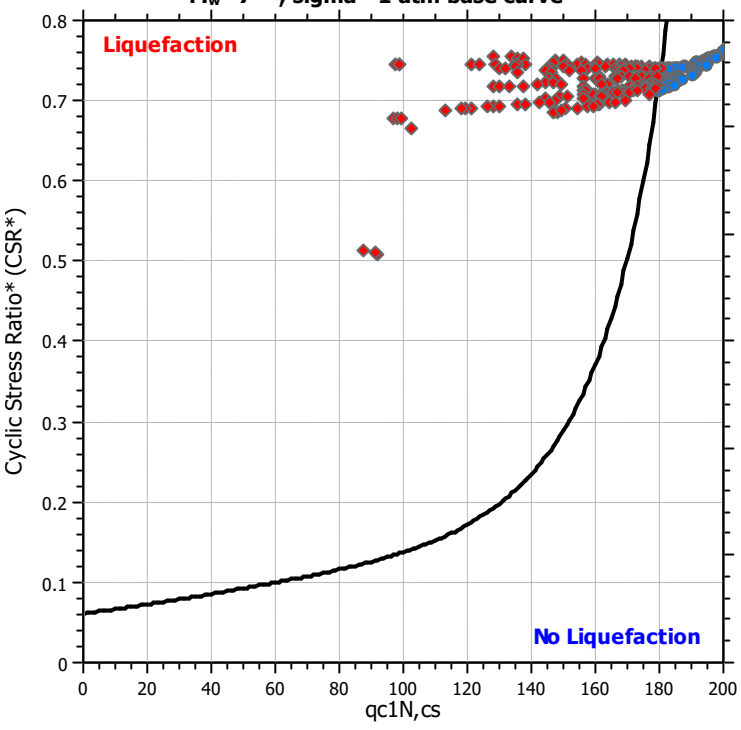
Project title : **Location :**

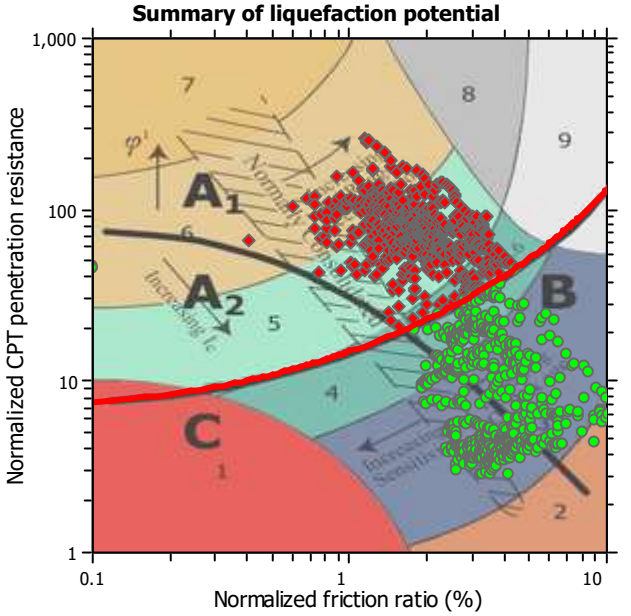
CPT file : CPT-22

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

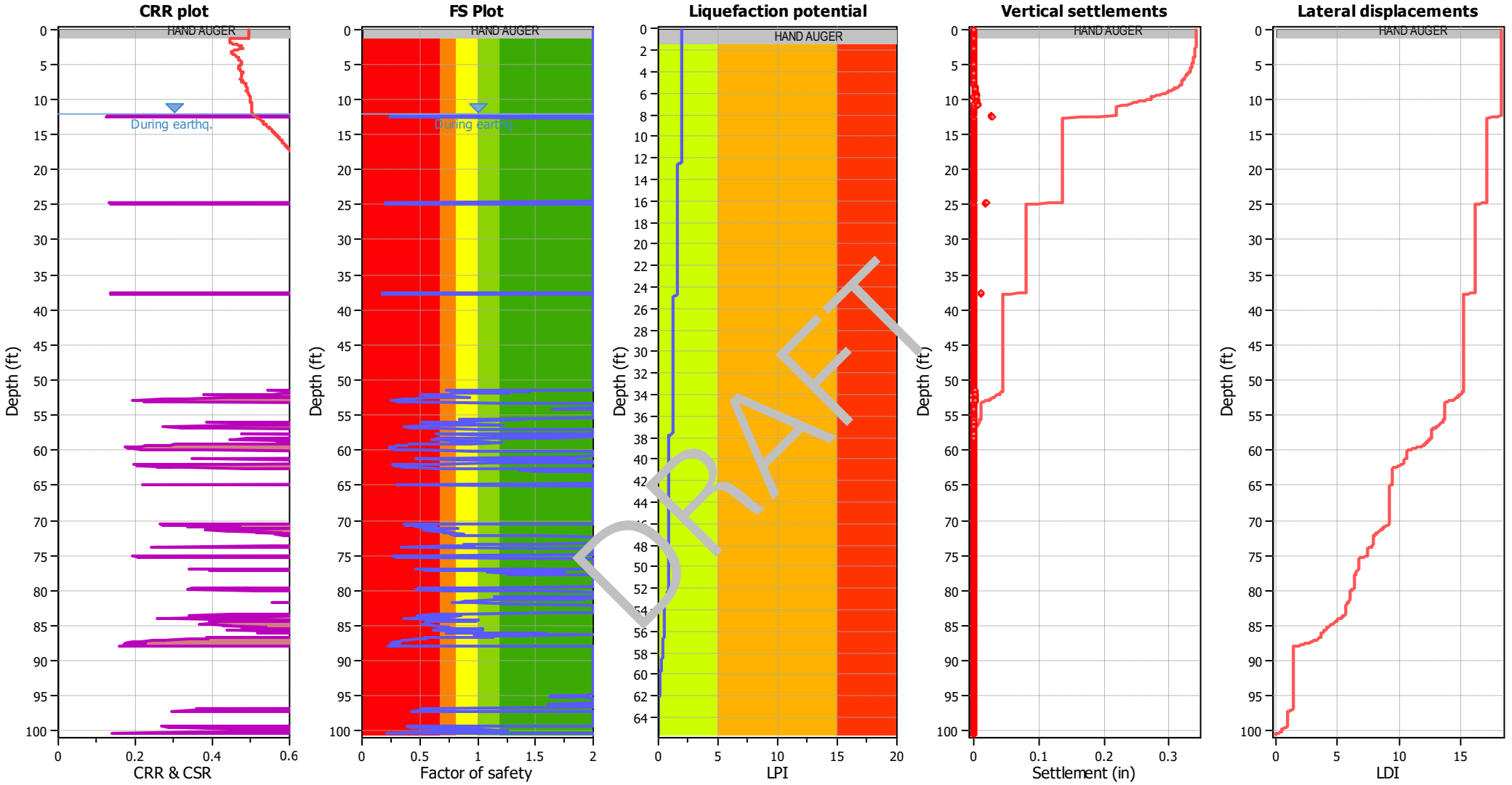






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-22, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.180	0
20	17	1.39	1.23	1.8	168.8	215.31	0	0	524	0	1	1	0	1	0	0.180	0
21	18	1.48	1.19	1.7	255.25	215.1	0	0	784	0	1	1	0	1	0	0.180	0
22	19	1.56	1.18	1.7	255.74	220.43	0	0	778	0	1	1	0	1	0	0.180	0
23	20	1.64	1.15	1.7	257.37	216.91	0	0	761	0	1	1	0	1	0	0.180	0
24	21	1.72	1.16	1.7	254.56	219.26	0	0	760	0	1	1	0	1	0	0.180	0
25	22	1.8	1.17	1.7	249	213.34	0	0	749	0	1	1	0	1	0	0.180	0
26	23	1.89	1.27	1.7	234.24	202.76	0	0	773	0	1	1	0	1	0	0.180	0
27	24	1.97	1.37	1.8	215.84	181.74	0	0	779	0	1	1	0	1	0	0.180	0
28	25	2.05	1.45	1.8	191.57	166.38	0	0	739	0	1	1	0	1	0	0.180	0
29	26	2.13	1.53	1.9	166.73	140.95	0	0	686	1	1	1	0	1	0	0.180	0
30	27	2.21	1.59	1.9	140.85	118.38	0	0	604	1	1	1	0	1	0	0.180	0
31	28	2.3	1.76	2.0	120.39	100.5	0	0	594	1	1	1	0	1	0	0.180	0
32	29	2.38	1.93	2.1	104.61	88.79	0	0	593	1	1	1	0	1	0	0.180	0
33	30	2.46	2.02	2.1	99.09	78.11	0	0	605	1	1	1	0	1	0	0.180	0
34	31	2.54	1.91	2.1	95.48	86.46	0	0	525	1	1	1	0	1	0	0.180	0
35	32	2.62	1.82	2.1	92.71	79.62	0	0	467	1	1	1	0	1	0	0.180	0
36	33	2.71	1.89	2.1	87.73	71.09	0	0	467	1	1	1	0	1	0	0.180	0
37	34	2.79	2	2.2	90.68	73.8	0	0	537	1	1	1	0	1	0	0.180	0
38	35	2.87	2.04	2.1	102.81	87.15	0	0	643	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.11	2.1	118.1	102.05	0	0	801	1	1	1	0	1	0	0.180	0
40	37	3.03	2.15	2.1	130.74	112.8	0	0	930	1	1	1	0	1	0	0.180	0
41	38	3.12	2.2	2.1	139.05	119.4	0	0	1041	1	1	1	0	1	0	0.180	0
42	39	3.2	2.24	2.1	142.7	123.28	0	0	1111	1	1	1	0	1	0	0.180	0
43	40	3.28	2.32	2.1	142.56	122.17	0	0	1192	1	1	1	0	1	0	0.180	0
44	41	3.36	2.39	2.1	140.11	119.07	0	0	1245	1	1	1	0	1	0	0.180	0
45	42	3.44	2.44	2.1	136.83	117.06	0	0	1269	1	1	1	0	1	0	0.180	0
46	43	3.53	2.49	2.1	133.27	113.87	0	0	1288	1	1	1	0	1	0	0.180	0
47	44	3.61	2.53	2.1	128.53	110.03	0	0	1282	1	1	1	0	1	0	0.180	0
48	45	3.69	2.56	2.1	123.37	105.03	0	0	1258	1	1	1	0	1	0	0.180	0
49	46	3.77	2.57	2.2	118.22	100.75	0	0	1210	1	1	1	0	1	0	0.180	0
50	47	3.85	2.58	2.2	113.54	96.94	0	0	1167	1	1	1	0	1	0	0.180	0
51	48	3.94	2.62	2.2	109.01	93.13	0	0	1155	1	1	1	0	1	0	0.180	0
52	49	4.02	2.69	2.2	104.14	89.26	0	0	1166	1	1	1	0	1	0	0.180	0
53	50	4.1	2.79	2.2	99.05	84.54	0	0	1202	1	1	1	0	1	0	0.180	0
54	51	4.18	2.91	2.3	94.39	80.13	0	0	1263	1	1	1	0	1	0	0.180	0
55	52	4.26	3.01	2.3	90.99	77.35	0	0	1320	1	1	0	0	1	0	0.180	0
56	53	4.35	3.06	2.3	88.23	75.87	0	0	[illegible]	1	1	0	0	1	0	0.180	0
57	54	4.43	3.09	2.3	85.1	73.09	0	0	1[illegible]08	1	1	0	0	1	0	0.180	0
58	55	4.51	3.17	2.3	80.93	69.4	0	0	13[illegible]1	1	1	0	0	1	0	0.180	0
59	56	4.59	3.3	2.4	76.83	65.25	0	0	138[illegible]	1	1	0	0	1	0	0.180	0
60	57	4.68	3.41	2.4	73.63	62.67	0	0	[illegible]47	1	1	0	0	1	0	0.180	0
61	58	4.76	3.46	2.4	72.14	61.26	0	0	1473	1	1	0	0	1	0	0.180	0
62	59	4.84	3.43	2.4	72.24	61.46	0	0	1439	1	1	0	0	1	0	0.180	0
63	60	4.92	3.37	2.4	73.26	62.93	0	0	1391	1	1	0	0	1	0	0.180	0
64	61	5	3.32	2.4	74.8	63.86	0	0	1367	1	1	0	0	1	0	0.180	0
65	62	5.09	3.28	2.4	76.79	65.41	0	0	1363	1	1	0	0	1	0	0.180	0
66	63	5.17	3.27	2.3	79.47	67.7	0	0	1408	1	1	0	0	1	0	0.180	0
67	64	5.25	3.27	2.3	83.08	69.62	0	0	1484	1	1	0	0	1	0	0.180	0
68	65	5.33	3.29	2.3	86.52	72.54	0	0	1583	1	1	0	0	1	0	0.180	0
69	66	5.41	3.35	2.3	89.3	73.97	0	0	1728	1	1	0	0	1	0	0.180	0
70	67	5.5	3.44	2.3	90.77	74.35	0	0	1901	1	1	0	0	1	0	0.180	0
71	68	5.58	3.35	2.3	91.46	74.34	0	0	1777	1	1	0	0	1	0	0.180	0
72	69	5.66	3.11	2.3	90.94	74.23	0	0	1438	1	1	0	0	1	0	0.180	0
73	70	5.74	2.83	2.3	89.18	72.32	0	0	1103	1	1	1	0	1	0	0.180	0
74	71	5.82	2.73	2.3	85.28	69.95	0	0	959	1	1	1	0	1	0	0.180	0
75	72	5.91	2.76	2.3	80.01	65.34	0	0	914	1	1	1	0	1	0	0.180	0
76	73	5.99	2.84	2.3	73.69	60.19	0	0	888	1	1	1	0	1	0	0.180	0
77	74	6.07	2.95	2.4	67.3	55.35	0	0	875	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	3.02	2.4	63.42	50.42	0	0	864	1	1	0	0	1	0	0.180	0
79	76	6.23	3	2.4	62.89	50.8	0	0	840	1	1	0	0	1	0	0.180	0
80	77	6.32	2.94	2.4	65.25	53.38	0	0	835	1	1	1	0	1	0	0.180	0
81	78	6.4	2.94	2.4	68.5	54.76	0	0	886	1	1	1	0	1	0	0.180	0
82	79	6.48	2.99	2.3	71.09	56.95	0	0	968	1	1	1	0	1	0	0.180	0
83	80	6.56	2.95	2.3	73.94	58.08	0	0	981	1	1	1	0	1	0	0.180	0
84	81	6.64	2.94	2.3	75.44	59.92	0	0	996	1	1	1	0	1	0	0.180	0
85	82	6.73	2.93	2.3	76.48	59.29	0	0	1004	1	1	1	0	1	0	0.180	0
86	83	6.81	2.93	2.3	76.06	59.42	0	0	997	1	1	1	0	1	0	0.180	0
87	84	6.89	2.83	2.3	76.37	58.26	0	0	919	1	1	1	0	1	0	0.180	0
88	85	6.97	2.65	2.3	76.73	59.52	0	0	789	1	1	1	0	1	0	0.180	0
89	86	7.05	2.61	2.3	75.53	61.95	0	0	748	1	1	1	0	1	0	0.180	0
90	87	7.14	2.71	2.3	71.67	56.24	0	0	766	1	1	1	0	1	0	0.180	0
91	88	7.22	2.98	2.4	66.7	50.25	0	0	888	1	1	1	0	1	0	0.180	0
92	89	7.3	3.12	2.4	63.64	49.42	0	0	946	1	1	0	0	1	0	0.180	0
93	90	7.38	3.13	2.4	63.48	48.84	0	0	951	1	1	0	0	1	0	0.180	0
94	91	7.46	3.12	2.4	63.59	50.13	0	0	945	1	1	0	0	1	0	0.180	0
95	92	7.55	3.18	2.4	62.8	50.09	0	0	[illegible]	1	1	0	0	1	0	0.180	0
96	93	7.63	3.38	2.4	59.49	47.15	0	0	1[illegible]85	1	1	0	0	1	0	0.180	0
97	94	7.71	3.65	2.5	55.02	41.92	0	0	12[illegible]2	1	1	0	0	1	0	0.180	0
98	95	7.79	3.92	2.5	50.98	39.19	0	0	139[illegible]	1	1	0	0	1	0	0.180	0
99	96	7.87	4.06	2.6	49.11	37.41	0	0	1[illegible]90	1	1	0	0	1	0	0.180	0
100	97	7.96	4.01	2.6	49	37.59	0	0	1426	1	1	0	0	1	0	0.180	0
101	98	8.04	3.85	2.5	49.56	39.39	0	0	1269	1	1	0	0	1	0	0.180	0
102	99	8.12	3.68	2.5	49.46	39.41	0	0	1098	1	1	0	0	1	0	0.180	0
103	100	8.2	3.68	2.5	47.49	38.14	0	0	1040	1	1	0	0	1	0	0.180	0
104	101	8.28	3.65	2.5	45.19	35.14	0	0	947	1	1	0	0	1	0	0.180	0
105	102	8.37	3.57	2.6	43.23	34.33	0	0	833	1	1	0	0	1	0	0.180	0
106	103	8.45	3.46	2.6	42.4	34	0	0	739	1	1	0	0	1	0	0.180	0
107	104	8.53	3.41	2.5	42.53	33.79	0	0	711	1	1	0	0	1	0	0.180	0
108	105	8.61	3.37	2.5	44.05	35.03	0	0	722	1	1	0	0	1	0	0.180	0
109	106	8.69	3.31	2.5	46.44	38	0	0	738	1	1	0	0	1	0	0.180	0
110	107	8.78	3.35	2.5	47.8	40	0	0	794	1	1	0	0	1	0	0.180	0
111	108	8.86	3.5	2.5	47.48	38.58	0	0	894	1	1	0	0	1	0	0.180	0
112	109	8.94	3.53	2.5	45.5	37.18	0	0	865	1	1	0	0	1	0	0.180	0
113	110	9.02	3.31	2.5	43.54	35.49	0	0	675	1	1	0	0	1	0	0.180	0
114	111	9.1	3	2.5	41.73	34.63	0	0	487	1	1	0	0	1	0	0.180	0
115	112	9.19	2.82	2.5	40.63	33.7	0	0	401	1	1	1	0	1	0	0.180	0
116	113	9.27	2.9	2.5	39.06	33.41	0	0	406	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.95	2.5	37.51	30.82	0	0	399	1	1	1	0	1	0	0.180	0
118	115	9.43	3.06	2.6	35.49	29.96	0	0	404	1	1	0	0	1	0	0.180	0
119	116	9.51	3.15	2.6	33.69	28.35	0	0	402	1	1	0	0	1	0	0.180	0
120	117	9.6	3.32	2.6	32.11	26.3	0	0	430	1	0	0	0	1	0	0.180	0
121	118	9.68	3.4	2.6	31.48	25.91	0	0	446	1	0	0	0	1	0	0.180	0
122	119	9.76	3.34	2.6	32.38	26.83	0	0	444	1	0	0	0	1	0	0.180	0
123	120	9.84	3.27	2.6	33.89	28.79	0	0	450	1	0	0	0	1	0	0.180	0
124	121	9.92	3.25	2.6	34.84	29.96	0	0	462	1	1	0	0	1	0	0.180	0
125	122	10.01	3.27	2.6	34.99	29.46	0	0	473	1	1	0	0	1	0	0.180	0
126	123	10.09	3.27	2.6	34.98	29.3	0	0	473	1	1	0	0	1	0	0.180	0
127	124	10.17	3.22	2.6	35.14	30.13	0	0	456	1	1	0	0	1	0	0.180	0
128	125	10.25	3.11	2.6	35.11	30.14	0	0	414	1	1	0	0	1	0	0.180	0
129	126	10.33	2.98	2.6	34.53	29.59	0	0	361	1	1	1	0	1	0	0.180	0
130	127	10.42	2.94	2.6	33.48	29.1	0	0	332	1	1	1	0	1	0	0.180	0
131	128	10.5	2.96	2.6	32.38	27.7	0	0	320	1	1	1	0	1	0	0.180	0
132	129	10.58	3	2.6	31.18	26.88	0	0	311	1	0	0	0	1	0	0.180	0
133	130	10.66	2.96	2.6	30.59	26.05	0	0	291	1	0	1	0	1	0	0.180	0
134	131	10.74	2.83	2.6	30.44	26.35	0	0	[illegible]	1	0	1	0	1	0	0.180	0
135	132	10.83	2.76	2.6	30.32	26.82	0	0	41	1	1	1	0	1	0	0.180	0
136	133	10.91	2.77	2.6	29.98	26.02	0	0	[illegible]	1	0	1	0	1	0	0.180	0
137	134	10.99	2.82	2.6	29.63	25.61	0	0	244	1	0	1	0	1	0	0.180	0
138	135	11.07	2.88	2.6	29.5	25.97	0	0	255	1	0	1	0	1	0	0.180	0
139	136	11.15	2.89	2.6	29.6	25.8	0	0	259	1	0	1	0	1	0	0.180	0
140	137	11.24	2.93	2.6	29.42	26.08	0	0	266	1	0	1	0	1	0	0.180	0
141	138	11.32	2.97	2.6	29.26	25.67	0	0	272	1	0	1	0	1	0	0.180	0
142	139	11.4	3.03	2.6	28.96	25.51	0	0	282	1	0	0	0	1	0	0.180	0
143	140	11.48	3.13	2.6	28.91	25.39	0	0	306	1	0	0	0	1	0	0.180	0
144	141	11.56	3.24	2.6	29.68	25.59	0	0	352	1	0	0	0	1	0	0.180	0
145	142	11.65	3.33	2.6	31.24	27.56	0	0	415	1	0	0	0	1	0	0.180	0
146	143	11.73	3.37	2.6	32.91	29.6	0	0	467	1	0	0	0	1	0	0.180	0
147	144	11.81	3.41	2.6	33.68	30.23	0	0	501	1	0	0	0	1	0	0.180	0
148	145	11.89	3.55	2.6	33.05	29.86	0	0	548	1	0	0	0	1	0	0.180	0
149	146	11.97	3.67	2.7	31.9	28.07	0	0	572	1	0	0	0	1	0	0.180	0
150	147	12.06	3.71	2.7	30.79	27.28	0	0	557	1	0	0	0	1	0	0.180	0
151	148	12.14	3.64	2.7	30.72	27.02	0	0	524	1	0	0	0	1	0	0.180	0
152	149	12.22	3.5	2.6	31.76	28.1	0	0	492	1	0	0	0	1	0	0.180	0
153	150	12.3	3.25	2.6	33.43	30.33	0	0	433	1	0	0	0	1	0	0.180	0
154	151	12.38	2.97	2.6	34.5	31.98	0.03	0.37	357	1	1	1	0	1	0	0.180	0
155	152	12.47	2.78	2.6	33.6	31.59	0.03	0.38	291	1	1	1	0	1	0	0.150	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	2.8	2.6	31.13	28.41	0.03	0.41	261	1	1	1	0	1	0	0.120	0
157	154	12.63	3	2.6	27.65	25.45	0	0	253	1	0	0	0	1	0	0.090	0
158	155	12.71	3.12	2.7	25	22.07	0	0	231	1	0	0	0	1	0	0.090	0
159	156	12.8	3.12	2.7	23.04	21.19	0	0	195	1	0	0	0	1	0	0.090	0
160	157	12.88	3.03	2.7	21.89	20.14	0	0	161	1	0	0	0	1	0	0.090	0
161	158	12.96	3.08	2.8	20.46	18.99	0	0	142	1	0	0	0	1	0	0.090	0
162	159	13.04	3.1	2.8	19.1	17.27	0	0	120	1	0	0	0	1	0	0.090	0
163	160	13.12	3.06	2.8	18.15	16.39	0	0	99	1	0	0	0	1	0	0.090	0
164	161	13.21	2.91	2.8	18.54	16.43	0	0	93	1	0	1	0	1	0	0.090	0
165	162	13.29	2.72	2.7	21.11	18.45	0	0	112	1	0	1	0	1	0	0.090	0
166	163	13.37	2.69	2.7	24.2	23.62	0	0	149	1	0	1	0	1	0	0.090	0
167	164	13.45	2.9	2.7	25.41	25.3	0	0	197	1	0	1	0	1	0	0.090	0
168	165	13.53	3.4	2.7	24.05	22.1	0	0	271	1	0	0	0	1	0	0.090	0
169	166	13.62	3.89	2.8	22.21	19.99	0	0	344	1	0	0	0	1	0	0.090	0
170	167	13.7	4.03	2.8	21.88	20.24	0	0	372	1	0	0	0	1	0	0.090	0
171	168	13.78	3.83	2.8	22.54	21.24	0	0	338	1	0	0	0	1	0	0.090	0
172	169	13.86	3.53	2.8	23.31	22.03	0	0	283	1	0	0	0	1	0	0.090	0
173	170	13.94	3.27	2.7	23.06	22.67	0	0	[illegible]	1	0	0	0	1	0	0.090	0
174	171	14.03	3.11	2.7	21.94	20.83	0	0	73	1	0	0	0	1	0	0.090	0
175	172	14.11	3.01	2.8	20.25	19.12	0	0	1[illegible]0	1	0	0	0	1	0	0.090	0
176	173	14.19	2.87	2.8	18.98	18.1	0	0	9[illegible]	1	0	1	0	1	0	0.090	0
177	174	14.27	2.71	2.8	18.21	17.35	0	0	74	1	0	1	1	1	0	0.090	0
178	175	14.35	2.52	2.8	17.92	17.02	0	0	59	1	0	1	1	1	0	0.090	0
179	176	14.44	2.38	2.7	17.97	17.34	0	0	53	1	0	1	1	1	0	0.090	0
180	177	14.52	2.26	2.7	18.25	17.55	0	0	50	1	0	1	1	1	0	0.090	0
181	178	14.6	2.28	2.7	18.42	17.86	0	0	52	1	0	1	1	1	0	0.090	0
182	179	14.68	2.36	2.7	18.68	17.87	0	0	59	1	0	1	1	1	0	0.090	0
183	180	14.76	2.46	2.7	19.1	18.3	0	0	69	1	0	1	1	1	0	0.090	0
184	181	14.85	2.56	2.7	19.53	19.09	0	0	80	1	0	1	1	1	0	0.090	0
185	182	14.93	2.69	2.7	19.67	19.19	0	0	91	1	0	1	0	1	0	0.090	0
186	183	15.01	2.78	2.7	19.57	18.83	0	0	97	1	0	1	0	1	0	0.090	0
187	184	15.09	2.78	2.7	19.44	18.96	0	0	96	1	0	1	0	1	0	0.090	0
188	185	15.17	2.68	2.7	19.3	19	0	0	86	1	0	1	0	1	0	0.090	0
189	186	15.26	2.59	2.7	18.85	18.63	0	0	74	1	0	1	1	1	0	0.090	0
190	187	15.34	2.54	2.7	18.28	17.82	0	0	64	1	0	1	1	1	0	0.090	0
191	188	15.42	2.53	2.8	17.76	17.45	0	0	58	1	0	1	1	1	0	0.090	0
192	189	15.5	2.53	2.8	17.44	17.19	0	0	55	1	0	1	1	1	0	0.090	0
193	190	15.58	2.55	2.8	17.34	17.01	0	0	54	1	0	1	1	1	0	0.090	0
194	191	15.67	2.61	2.8	17.3	17.24	0	0	57	1	0	1	1	1	0	0.090	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.69	2.8	17.32	17.12	0	0	61	1	0	1	1	1	0	0.090	0
196	193	15.83	2.82	2.8	17.43	17.12	0	0	70	1	0	1	1	1	0	0.090	0
197	194	15.91	2.82	2.8	18.23	17.6	0	0	82	1	0	1	0	1	0	0.090	0
198	195	15.99	2.76	2.8	19.15	19.51	0	0	90	1	0	1	0	1	0	0.090	0
199	196	16.08	2.65	2.7	19.72	19.91	0	0	89	1	0	1	0	1	0	0.090	0
200	197	16.16	2.65	2.7	19.36	19.32	0	0	84	1	0	1	0	1	0	0.090	0
201	198	16.24	2.67	2.8	18.74	18.47	0	0	78	1	0	1	1	1	0	0.090	0
202	199	16.32	2.67	2.8	18.15	18.07	0	0	71	1	0	1	1	1	0	0.090	0
203	200	16.4	2.6	2.8	17.73	17.65	0	0	61	1	0	1	1	1	0	0.090	0
204	201	16.49	2.54	2.8	17.21	17.38	0	0	53	1	0	1	1	1	0	0.090	0
205	202	16.57	2.51	2.8	16.59	16.72	0	0	44	1	0	1	1	1	0	0.090	0
206	203	16.65	2.57	2.8	15.95	15.98	0	0	40	1	0	1	1	1	0	0.090	0
207	204	16.73	2.62	2.8	15.44	15.58	0	0	35	1	0	1	1	1	0	0.090	0
208	205	16.81	2.64	2.8	15.03	15.27	0	0	31	1	0	1	1	1	0	0.090	0
209	206	16.9	2.52	2.8	14.71	14.84	0	0	24	1	0	1	1	1	0	0.090	0
210	207	16.98	2.44	2.8	14.23	14.7	0	0	18	1	0	1	1	1	0	0.090	0
211	208	17.06	2.43	2.8	13.61	13.93	0	0	11	1	0	1	1	1	0	0.090	0
212	209	17.14	2.46	2.9	13.06	13.08	0	0	6	1	0	1	1	1	0	0.090	0
213	210	17.22	2.41	2.9	13.09	13.12	0	0	6	1	0	1	1	1	0	0.090	0
214	211	17.31	2.28	2.8	13.61	14.04	0	0	0	1	0	1	1	1	0	0.090	0
215	212	17.39	2.2	2.8	14.04	14.65	0	0	13	1	0	1	1	1	0	0.090	0
216	213	17.47	2.2	2.8	13.96	14.48	0	0	12	1	0	1	1	1	0	0.090	0
217	214	17.55	2.29	2.8	13.36	13.89	0	0	8	1	0	1	1	1	0	0.090	0
218	215	17.63	2.38	2.9	12.59	12.95	0	0	1	1	0	1	1	1	0	0.090	0
219	216	17.72	2.42	2.9	11.86	12.23	0	0	-6	1	0	1	1	1	0	0.090	0
220	217	17.8	2.37	2.9	11.26	11.78	0	0	-12	1	0	1	1	1	0	0.090	0
221	218	17.88	2.29	2.9	10.81	11.19	0	0	-15	1	0	1	1	1	0	0.090	0
222	219	17.96	2.19	2.9	10.37	10.95	0	0	-17	1	0	1	1	1	0	0.090	0
223	220	18.04	2.1	2.9	10.03	10.5	0	0	-19	1	0	1	1	1	0	0.090	0
224	221	18.13	1.98	2.9	9.76	10.2	0	0	-18	1	0	1	1	1	0	0.090	0
225	222	18.21	1.92	2.9	9.49	10.15	0	0	-19	1	0	1	1	1	0	0.090	0
226	223	18.29	1.91	2.9	9.28	9.75	0	0	-20	1	0	1	1	1	0	0.090	0
227	224	18.37	1.93	2.9	9.08	9.61	0	0	-22	1	0	1	1	1	0	0.090	0
228	225	18.45	1.93	2.9	9.08	9.55	0	0	-22	1	0	1	1	1	0	0.090	0
229	226	18.54	1.91	2.9	9.26	9.73	0	0	-20	1	0	1	1	1	0	0.090	0
230	227	18.62	1.92	2.9	9.46	10.14	0	0	-19	1	0	1	1	1	0	0.090	0
231	228	18.7	1.99	2.9	9.59	10.15	0	0	-20	1	0	1	1	1	0	0.090	0
232	229	18.78	2.02	2.9	9.61	10.2	0	0	-20	1	0	1	1	1	0	0.090	0
233	230	18.86	1.99	2.9	9.63	10.25	0	0	-20	1	0	1	1	1	0	0.090	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	1.96	2.9	9.74	10.31	0	0	-18	1	0	1	1	1	0	0.090	0
235	232	19.03	1.98	2.9	10.02	10.65	0	0	-17	1	0	1	1	1	0	0.090	0
236	233	19.11	2.07	2.9	10.42	11.2	0	0	-15	1	0	1	1	1	0	0.090	0
237	234	19.19	2.18	2.9	10.72	11.64	0	0	-14	1	0	1	1	1	0	0.090	0
238	235	19.27	2.26	2.9	10.95	11.67	0	0	-13	1	0	1	1	1	0	0.090	0
239	236	19.36	2.34	2.9	11.16	11.96	0	0	-13	1	0	1	1	1	0	0.090	0
240	237	19.44	2.4	2.9	11.39	12.33	0	0	-11	1	0	1	1	1	0	0.090	0
241	238	19.52	2.51	2.9	11.44	12.41	0	0	-12	1	0	1	1	1	0	0.090	0
242	239	19.6	2.6	2.9	11.45	12.21	0	0	-12	1	0	1	1	1	0	0.090	0
243	240	19.68	2.64	2.9	11.43	12.44	0	0	-13	1	0	1	1	1	0	0.090	0
244	241	19.77	2.62	2.9	11.47	12.48	0	0	-12	1	0	1	1	1	0	0.090	0
245	242	19.85	2.58	2.9	11.5	12.44	0	0	-12	1	0	1	1	1	0	0.090	0
246	243	19.93	2.49	2.9	11.59	12.58	0	0	-10	1	0	1	1	1	0	0.090	0
247	244	20.01	2.39	2.9	11.65	12.79	0	0	-8	1	0	1	1	1	0	0.090	0
248	245	20.09	2.38	2.9	11.56	12.68	0	0	-9	1	0	1	1	1	0	0.090	0
249	246	20.18	2.49	2.9	11.4	12.37	0	0	-12	1	0	1	1	1	0	0.090	0
250	247	20.26	2.62	2.9	11.36	12.36	0	0	-14	1	0	1	1	1	0	0.090	0
251	248	20.34	2.67	2.9	11.57	12.63	0	0	-12	1	0	1	1	1	0	0.090	0
252	249	20.42	2.67	2.9	11.91	13.2	0	0	-7	1	0	1	1	1	0	0.090	0
253	250	20.5	2.67	2.9	12.37	13.59	0	0	2	1	0	1	1	1	0	0.090	0
254	251	20.59	2.78	2.9	12.89	14.22	0	0	5	1	0	1	1	1	0	0.090	0
255	252	20.67	2.91	2.9	13.41	14.91	0	0	14	1	0	1	1	1	0	0.090	0
256	253	20.75	3.07	2.9	13.95	15.34	0	0	26	1	0	0	1	1	0	0.090	0
257	254	20.83	3.22	2.9	14.54	16.09	0	0	41	1	0	0	1	1	0	0.090	0
258	255	20.92	3.35	2.9	15.16	16.98	0	0	60	1	0	0	1	1	0	0.090	0
259	256	21	3.53	2.9	15.52	17.57	0	0	79	1	0	0	1	1	0	0.090	0
260	257	21.08	3.77	2.9	15.15	17.49	0	0	85	1	0	0	0	1	0	0.090	0
261	258	21.16	4.12	3.0	14.01	16.07	0	0	65	1	0	0	1	1	0	0.090	0
262	259	21.24	4.43	3.0	12.65	14.17	0	0	8	1	0	0	1	1	0	0.090	0
263	260	21.33	4.53	3.1	11.52	13.3	0	0	-58	1	0	0	1	1	0	0.090	0
264	261	21.41	4.32	3.1	10.97	12.44	0	0	-77	1	0	0	1	1	0	0.090	0
265	262	21.49	4.06	3.1	10.64	12.38	0	0	-76	1	0	0	1	1	0	0.090	0
266	263	21.57	3.85	3.1	10.38	12.18	0	0	-73	1	0	0	1	1	0	0.090	0
267	264	21.65	3.8	3.1	9.92	11.59	0	0	-85	1	0	0	1	1	0	0.090	0
268	265	21.74	3.76	3.1	9.42	10.9	0	0	-98	1	0	0	1	1	0	0.090	0
269	266	21.82	3.66	3.1	8.95	10.51	0	0	-104	1	0	0	1	1	0	0.090	0
270	267	21.9	3.53	3.1	8.43	10.1	0	0	-107	1	0	0	1	1	0	0.090	0
271	268	21.98	3.42	3.1	7.83	9.18	0	0	-112	1	0	0	1	1	0	0.090	0
272	269	22.06	3.23	3.1	7.34	8.54	0	0	-105	1	0	0	1	1	0	0.090	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.83	3.1	7.15	8.45	0	0	-77	1	0	1	1	1	0	0.090	0
274	271	22.23	2.3	3.1	7.17	8.55	0	0	-48	1	0	1	1	1	0	0.090	0
275	272	22.31	1.99	3.0	7.32	8.58	0	0	-35	1	0	1	1	1	0	0.090	0
276	273	22.39	1.94	3.0	7.49	8.92	0	0	-33	1	0	1	1	1	0	0.090	0
277	274	22.47	2.09	3.0	7.62	9.03	0	0	-36	1	0	1	1	1	0	0.090	0
278	275	22.56	2.24	3.0	7.66	9.02	0	0	-41	1	0	1	1	1	0	0.090	0
279	276	22.64	2.4	3.1	7.53	9.06	0	0	-49	1	0	1	1	1	0	0.090	0
280	277	22.72	2.56	3.1	7.37	8.72	0	0	-58	1	0	1	1	1	0	0.090	0
281	278	22.8	2.72	3.1	7.29	8.53	0	0	-68	1	0	1	1	1	0	0.090	0
282	279	22.88	2.74	3.1	7.48	8.82	0	0	-67	1	0	1	1	1	0	0.090	0
283	280	22.97	2.72	3.1	7.65	9.29	0	0	-63	1	0	1	1	1	0	0.090	0
284	281	23.05	2.67	3.1	7.57	9.08	0	0	-62	1	0	1	1	1	0	0.090	0
285	282	23.13	2.71	3.1	7.35	8.65	0	0	-67	1	0	1	1	1	0	0.090	0
286	283	23.21	2.77	3.1	7.51	8.67	0	0	-68	1	0	1	1	1	0	0.090	0
287	284	23.29	2.82	3.0	8.51	9.64	0	0	-57	1	0	1	1	1	0	0.090	0
288	285	23.38	2.81	3.0	10.06	11.94	0	0	-34	1	0	1	1	1	0	0.090	0
289	286	23.46	2.87	2.9	11.85	13.93	0	0	-10	1	0	1	1	1	0	0.090	0
290	287	23.54	2.99	2.9	13.42	15.95	0	0	15	1	0	1	1	1	0	0.090	0
291	288	23.62	3.16	2.9	14.98	17.72	0	0	47	1	0	0	1	1	0	0.090	0
292	289	23.7	3.45	2.9	16.02	19.62	0	0	6	1	0	0	0	1	0	0.090	0
293	290	23.79	3.76	2.9	16.29	19.75	0	0	120	1	0	0	0	1	0	0.090	0
294	291	23.87	4.09	2.9	15.96	18.8	0	0	144	1	0	0	0	1	0	0.090	0
295	292	23.95	4.23	2.9	15.78	18.59	0	0	153	1	0	0	0	1	0	0.090	0
296	293	24.03	4.29	2.9	15.96	19.17	0	0	170	1	0	0	0	1	0	0.090	0
297	294	24.11	4.31	2.9	16.3	19.49	0	0	190	1	0	0	0	1	0	0.090	0
298	295	24.2	4.27	2.9	16.71	19.85	0	0	203	1	0	0	0	1	0	0.090	0
299	296	24.28	3.9	2.9	18.22	20.71	0	0	204	1	0	0	0	1	0	0.090	0
300	297	24.36	3.32	2.8	21.39	24.81	0	0	195	1	0	0	0	1	0	0.090	0
301	298	24.44	2.96	2.7	24.53	30.29	0	0	194	1	0	1	0	1	0	0.090	0
302	299	24.52	2.83	2.6	26.82	31.01	0	0	206	1	0	1	0	1	0	0.090	0
303	300	24.61	2.85	2.6	28.34	32.48	0	0	232	1	0	1	0	1	0	0.090	0
304	301	24.69	2.82	2.6	30.13	35.54	0.02	0.33	251	1	0	1	0	1	0	0.090	0
305	302	24.77	2.82	2.6	31.63	37.09	0.02	0.32	273	1	1	1	0	1	0	0.070	0
306	303	24.85	2.93	2.6	32.14	37.69	0.02	0.31	308	1	1	1	0	1	0	0.050	0
307	304	24.93	3.22	2.6	31.75	37.54	0	0	388	1	0	0	0	1	0	0.030	0
308	305	25.02	3.54	2.7	31.04	36.34	0	0	490	1	0	0	0	1	0	0.030	0
309	306	25.1	3.69	2.7	31.23	35.83	0	0	561	1	0	0	0	1	0	0.030	0
310	307	25.18	3.49	2.6	33.37	38.39	0	0	529	1	0	0	0	1	0	0.030	0
311	308	25.26	3.04	2.5	38.41	43.48	0	0	447	1	1	0	0	1	0	0.030	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.68	2.5	44.12	52.4	0	0	399	1	1	1	0	1	0	0.030	0
313	310	25.43	2.35	2.4	48.15	57.15	0	0	336	1	1	1	0	1	0	0.030	0
314	311	25.51	2.07	2.4	48.39	56.35	0	0	263	1	1	1	0	1	0	0.030	0
315	312	25.59	1.73	2.3	45.87	52.5	0	0	179	1	1	1	0	1	0	0.030	0
316	313	25.67	1.6	2.3	41.61	47.78	0	0	138	1	1	1	0	1	0	0.030	0
317	314	25.75	1.8	2.4	34.14	41.94	0	0	124	1	1	1	0	1	0	0.030	0
318	315	25.84	2.37	2.6	26.35	28.47	0	0	133	1	0	1	0	1	0	0.030	0
319	316	25.92	3.11	2.8	20.28	22.95	0	0	143	1	0	0	0	1	0	0.030	0
320	317	26	3.34	2.8	19.29	22.24	0	0	151	1	0	0	0	1	0	0.030	0
321	318	26.08	3.36	2.8	20.07	25.32	0	0	172	1	0	0	0	1	0	0.030	0
322	319	26.16	3.45	2.8	20.71	25.72	0	0	201	1	0	0	0	1	0	0.030	0
323	320	26.25	3.7	2.8	19.85	24.53	0	0	222	1	0	0	0	1	0	0.030	0
324	321	26.33	3.9	2.9	18.43	22.68	0	0	212	1	0	0	0	1	0	0.030	0
325	322	26.41	4.01	2.9	17.1	20.9	0	0	180	1	0	0	0	1	0	0.030	0
326	323	26.49	4.26	2.9	15.9	19.79	0	0	163	1	0	0	0	1	0	0.030	0
327	324	26.57	4.45	3.0	14.75	18.46	0	0	126	1	0	0	0	1	0	0.030	0
328	325	26.66	4.65	3.0	13.24	16.83	0	0	49	1	0	0	1	1	0	0.030	0
329	326	26.74	4.73	3.1	11.79	14.5	0	0	50	1	0	0	1	1	0	0.030	0
330	327	26.82	4.71	3.1	11.43	13.33	0	0	74	1	0	0	1	1	0	0.030	0
331	328	26.9	4.41	3.0	12.56	15.51	0	0	3	1	0	0	1	1	0	0.030	0
332	329	26.98	4.08	3.0	14.03	18.54	0	0	63	1	0	0	1	1	0	0.030	0
333	330	27.07	4.2	3.0	14.53	18.59	0	0	93	1	0	0	0	1	0	0.030	0
334	331	27.15	4.63	3.0	13.7	17.36	0	0	77	1	0	0	1	1	0	0.030	0
335	332	27.23	5.36	3.1	11.85	15.63	0	0	-74	1	0	0	1	1	0	0.030	0
336	333	27.31	6.01	3.2	9.92	12.06	0	0	-484	1	0	0	1	1	0	0.030	0
337	334	27.39	6.43	3.3	8.34	10.52	0	0	-1067	1	0	0	1	1	0	0.030	0
338	335	27.48	6.12	3.3	7.76	10.04	0	0	-966	1	0	0	1	1	0	0.030	0
339	336	27.56	5.62	3.3	7.4	10.02	0	0	-713	1	0	0	1	1	0	0.030	0
340	337	27.64	5.19	3.3	7	9.26	0	0	-552	1	0	0	1	1	0	0.030	0
341	338	27.72	5.12	3.3	6.32	8.64	0	0	-587	1	0	0	1	1	0	0.030	0
342	339	27.8	5.05	3.3	5.68	7.63	0	0	-614	1	0	0	1	1	0	0.030	0
343	340	27.89	5.05	3.4	5.18	7.03	0	0	-659	1	0	0	1	1	0	0.030	0
344	341	27.97	4.83	3.4	5.09	6.89	0	0	-561	1	0	0	1	1	0	0.030	0
345	342	28.05	4.41	3.3	5.46	7.31	0	0	-381	1	0	0	1	1	0	0.030	0
346	343	28.13	4.48	3.3	5.86	8.34	0	0	-380	1	0	0	1	1	0	0.030	0
347	344	28.21	4.82	3.3	6.22	8.3	0	0	-471	1	0	0	1	1	0	0.030	0
348	345	28.3	5.15	3.3	6.85	8.59	0	0	-550	1	0	0	1	1	0	0.030	0
349	346	28.38	4.24	3.1	8.93	10.58	0	0	-168	1	0	0	1	1	0	0.030	0
350	347	28.46	3.32	3.0	12.03	15.74	0	0	-10	1	0	0	1	1	0	0.030	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	2.92	2.9	14.41	19.71	0	0	30	1	0	1	1	1	0	0.030	0
352	349	28.63	3.04	2.9	14.87	19.25	0	0	41	1	0	0	1	1	0	0.030	0
353	350	28.71	3.37	2.9	13.77	17.53	0	0	29	1	0	0	1	1	0	0.030	0
354	351	28.79	3.66	3.0	12.35	15.87	0	0	-4	1	0	0	1	1	0	0.030	0
355	352	28.87	3.6	3.0	11.72	14.18	0	0	-22	1	0	0	1	1	0	0.030	0
356	353	28.95	3.38	3.0	12.37	15.26	0	0	-3	1	0	0	1	1	0	0.030	0
357	354	29.04	3.16	2.9	14.28	18.21	0	0	34	1	0	0	1	1	0	0.030	0
358	355	29.12	3.08	2.8	17.08	21.06	0	0	82	1	0	0	0	1	0	0.030	0
359	356	29.2	2.97	2.8	20.12	25.44	0	0	124	1	0	1	0	1	0	0.030	0
360	357	29.28	2.85	2.7	22.63	28.75	0	0	148	1	0	1	0	1	0	0.030	0
361	358	29.36	2.79	2.7	23.72	29.77	0	0	156	1	0	1	0	1	0	0.030	0
362	359	29.45	2.85	2.7	23.49	29.22	0	0	161	1	0	1	0	1	0	0.030	0
363	360	29.53	2.97	2.7	22.66	28.11	0	0	165	1	0	1	0	1	0	0.030	0
364	361	29.61	3.07	2.7	21.76	27.11	0	0	164	1	0	0	0	1	0	0.030	0
365	362	29.69	3.18	2.8	20.99	26.3	0	0	165	1	0	0	0	1	0	0.030	0
366	363	29.77	3.3	2.8	20.46	25.6	0	0	172	1	0	0	0	1	0	0.030	0
367	364	29.86	3.46	2.8	20.11	25.41	0	0	188	1	0	0	0	1	0	0.030	0
368	365	29.94	3.53	2.8	19.99	25.29	0	0	[illegible]	1	0	0	0	1	0	0.030	0
369	366	30.02	3.53	2.8	19.96	25.32	0	0	95	1	0	0	0	1	0	0.030	0
370	367	30.1	3.47	2.8	19.96	25.38	0	0	[illegible]	1	0	0	0	1	0	0.030	0
371	368	30.18	3.43	2.8	19.91	25.29	0	0	[illegible]	1	0	0	0	1	0	0.030	0
372	369	30.27	3.48	2.8	19.55	25.17	0	0	[illegible]	1	0	0	0	1	0	0.030	0
373	370	30.35	3.63	2.8	18.54	24.22	0	0	172	1	0	0	0	1	0	0.030	0
374	371	30.43	3.89	2.9	16.7	21.83	0	0	149	1	0	0	0	1	0	0.030	0
375	372	30.51	4.27	3.0	14.16	18.39	0	0	80	1	0	0	0	1	0	0.030	0
376	373	30.59	4.71	3.1	11.34	14.91	0	0	-80	1	0	0	1	1	0	0.030	0
377	374	30.68	5.07	3.2	8.93	11.47	0	0	-326	1	0	0	1	1	0	0.030	0
378	375	30.76	4.91	3.2	7.15	9.61	0	0	-431	1	0	0	1	1	0	0.030	0
379	376	30.84	4.47	3.3	5.98	8.46	0	0	-370	1	0	0	1	1	0	0.030	0
380	377	30.92	3.98	3.3	5.24	7.27	0	0	-277	1	0	0	1	1	0	0.030	0
381	378	31	3.96	3.3	4.82	6.96	0	0	-288	1	0	0	1	1	0	0.030	0
382	379	31.09	4.01	3.3	4.71	6.96	0	0	-304	1	0	0	1	1	0	0.030	0
383	380	31.17	4	3.3	4.69	6.89	0	0	-303	1	0	0	1	1	0	0.030	0
384	381	31.25	3.92	3.3	4.69	6.89	0	0	-283	1	0	0	1	1	0	0.030	0
385	382	31.33	3.86	3.3	4.68	6.97	0	0	-270	1	0	0	1	1	0	0.030	0
386	383	31.41	3.89	3.3	4.65	6.87	0	0	-278	1	0	0	1	1	0	0.030	0
387	384	31.5	3.96	3.4	4.58	6.77	0	0	-297	1	0	0	1	1	0	0.030	0
388	385	31.58	4.04	3.4	4.53	6.74	0	0	-319	1	0	0	1	1	0	0.030	0
389	386	31.66	4.15	3.4	4.5	6.7	0	0	-350	1	0	0	1	1	0	0.030	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	4.23	3.4	4.49	6.68	0	0	-375	1	0	0	1	1	0	0.030	0
391	388	31.82	4.26	3.4	4.52	6.72	0	0	-382	1	0	0	1	1	0	0.030	0
392	389	31.91	4.21	3.4	4.55	6.81	0	0	-366	1	0	0	1	1	0	0.030	0
393	390	31.99	4.13	3.4	4.59	6.82	0	0	-341	1	0	0	1	1	0	0.030	0
394	391	32.07	4.08	3.4	4.57	6.86	0	0	-328	1	0	0	1	1	0	0.030	0
395	392	32.15	4.05	3.4	4.52	6.76	0	0	-322	1	0	0	1	1	0	0.030	0
396	393	32.23	4.16	3.4	4.33	6.68	0	0	-361	1	0	0	1	1	0	0.030	0
397	394	32.32	4.28	3.4	4.17	6.18	0	0	-406	1	0	0	1	1	0	0.030	0
398	395	32.4	4.45	3.4	4.01	6.15	0	0	-474	1	0	0	1	1	0	0.030	0
399	396	32.48	4.45	3.4	3.97	6.11	0	0	-477	1	0	0	1	1	0	0.030	0
400	397	32.56	4.38	3.4	3.92	6.03	0	0	-453	1	0	0	1	1	0	0.030	0
401	398	32.64	4.23	3.4	3.85	5.98	0	0	-404	1	0	0	1	1	0	0.030	0
402	399	32.73	4.15	3.4	3.73	5.86	0	0	-384	1	0	0	1	1	0	0.030	0
403	400	32.81	4	3.4	3.6	5.62	0	0	-345	1	0	0	1	1	0	0.030	0
404	401	32.89	3.85	3.4	3.48	5.48	0	0	-309	1	0	0	1	1	0	0.030	0
405	402	32.97	3.67	3.4	3.45	5.44	0	0	-267	1	0	0	1	1	0	0.030	0
406	403	33.05	3.67	3.4	3.5	5.51	0	0	-265	1	0	0	1	1	0	0.030	0
407	404	33.14	3.76	3.4	3.6	5.66	0	0	-283	1	0	0	1	1	0	0.030	0
408	405	33.22	3.94	3.4	3.73	5.81	0	0	-323	1	0	0	1	1	0	0.030	0
409	406	33.3	4.1	3.4	3.86	5.97	0	0	-363	1	0	0	1	1	0	0.030	0
410	407	33.38	4.22	3.4	3.96	6.15	0	0	-396	1	0	0	1	1	0	0.030	0
411	408	33.46	4.28	3.4	4.01	6.17	0	0	-413	1	0	0	1	1	0	0.030	0
412	409	33.55	4.32	3.4	3.99	6.16	0	0	-428	1	0	0	1	1	0	0.030	0
413	410	33.63	4.38	3.4	3.97	6.1	0	0	-450	1	0	0	1	1	0	0.030	0
414	411	33.71	4.36	3.4	4	6.12	0	0	-442	1	0	0	1	1	0	0.030	0
415	412	33.79	4.3	3.4	4.05	6.25	0	0	-418	1	0	0	1	1	0	0.030	0
416	413	33.87	4.21	3.4	4.06	6.29	0	0	-388	1	0	0	1	1	0	0.030	0
417	414	33.96	4.16	3.4	3.98	6.16	0	0	-376	1	0	0	1	1	0	0.030	0
418	415	34.04	4.12	3.4	3.86	5.99	0	0	-369	1	0	0	1	1	0	0.030	0
419	416	34.12	4	3.4	3.76	5.86	0	0	-339	1	0	0	1	1	0	0.030	0
420	417	34.2	3.83	3.4	3.66	5.79	0	0	-298	1	0	0	1	1	0	0.030	0
421	418	34.28	3.63	3.4	3.54	5.64	0	0	-255	1	0	0	1	1	0	0.030	0
422	419	34.37	3.46	3.4	3.38	5.42	0	0	-225	1	0	0	1	1	0	0.030	0
423	420	34.45	3.44	3.4	3.23	5.23	0	0	-225	1	0	0	1	1	0	0.030	0
424	421	34.53	3.51	3.5	3.18	5.08	0	0	-240	1	0	0	1	1	0	0.030	0
425	422	34.61	3.55	3.5	3.24	5.24	0	0	-247	1	0	0	1	1	0	0.030	0
426	423	34.69	3.55	3.4	3.38	5.48	0	0	-243	1	0	0	1	1	0	0.030	0
427	424	34.78	3.57	3.4	3.52	5.59	0	0	-243	1	0	0	1	1	0	0.030	0
428	425	34.86	3.67	3.4	3.59	5.72	0	0	-263	1	0	0	1	1	0	0.030	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.74	3.4	3.67	5.74	0	0	-276	1	0	0	1	1	0	0.030	0
430	427	35.02	3.77	3.4	3.69	5.84	0	0	-282	1	0	0	1	1	0	0.030	0
431	428	35.1	3.75	3.4	3.7	5.81	0	0	-277	1	0	0	1	1	0	0.030	0
432	429	35.19	3.77	3.4	3.63	5.74	0	0	-284	1	0	0	1	1	0	0.030	0
433	430	35.27	3.39	3.4	3.49	5.57	0	0	-210	1	0	0	1	1	0	0.030	0
434	431	35.35	3	3.4	3.31	5.28	0	0	-153	1	0	0	1	1	0	0.030	0
435	432	35.43	2.6	3.4	3.13	5.05	0	0	-110	1	0	1	1	1	0	0.030	0
436	433	35.51	2.63	3.4	3.05	4.9	0	0	-114	1	0	1	1	1	0	0.030	0
437	434	35.6	2.62	3.4	3.12	4.91	0	0	-112	1	0	1	1	1	0	0.030	0
438	435	35.68	2.63	3.4	3.25	5.08	0	0	-112	1	0	1	1	1	0	0.030	0
439	436	35.76	2.65	3.4	3.44	5.14	0	0	-111	1	0	1	1	1	0	0.030	0
440	437	35.84	2.77	3.4	3.52	5.35	0	0	-123	1	0	1	1	1	0	0.030	0
441	438	35.92	2.91	3.4	3.62	5.31	0	0	-137	1	0	1	1	1	0	0.030	0
442	439	36.01	3.06	3.4	3.71	5.42	0	0	-154	1	0	0	1	1	0	0.030	0
443	440	36.09	3.22	3.4	3.87	5.64	0	0	-174	1	0	0	1	1	0	0.030	0
444	441	36.17	3.33	3.4	3.96	5.85	0	0	-189	1	0	0	1	1	0	0.030	0
445	442	36.25	3.46	3.4	3.93	5.8	0	0	-212	1	0	0	1	1	0	0.030	0
446	443	36.33	3.59	3.4	3.8	5.63	0	0	-[illegible]	1	0	0	1	1	0	0.030	0
447	444	36.42	3.62	3.4	3.69	5.5	0	0	-[illegible]49	1	0	0	1	1	0	0.030	0
448	445	36.5	3.42	3.4	3.66	5.42	0	0	-2[illegible]1	1	0	0	1	1	0	0.030	0
449	446	36.58	2.99	3.4	3.71	5.44	0	0	-14[illegible]	1	0	1	1	1	0	0.030	0
450	447	36.66	2.57	3.3	3.79	5.55	0	0	-[illegible]00	1	0	1	1	1	0	0.030	0
451	448	36.74	2.43	3.3	3.85	5.58	0	0	-87	1	0	1	1	1	0	0.030	0
452	449	36.83	2.53	3.3	3.93	5.6	0	0	-95	1	0	1	1	1	0	0.030	0
453	450	36.91	3	3.3	4.1	5.75	0	0	-140	1	0	0	1	1	0	0.030	0
454	451	36.99	3.32	3.3	4.51	6.12	0	0	-175	1	0	0	1	1	0	0.030	0
455	452	37.07	3.69	3.3	5.19	6.99	0	0	-219	1	0	0	1	1	0	0.030	0
456	453	37.16	4.18	3.3	6.09	8.26	0	0	-288	1	0	0	1	1	0	0.030	0
457	454	37.24	4.05	3.2	7.99	9.68	0	0	-182	1	0	0	1	1	0	0.030	0
458	455	37.32	3.17	2.9	12.42	14.24	0	0	-2	1	0	0	1	1	0	0.030	0
459	456	37.4	2.51	2.7	18.33	25.64	0	0	63	1	0	1	1	1	0	0.030	0
460	457	37.48	2.22	2.6	24.58	32.32	0	0	101	1	0	1	0	1	0	0.030	0
461	458	37.57	2.23	2.6	27.82	36.83	0.01	0.32	130	1	1	1	0	1	0	0.030	0
462	459	37.65	2.29	2.6	29.19	37.6	0.01	0.32	149	1	1	1	0	1	0	0.020	0
463	460	37.73	2.54	2.6	28.84	37.44	0.01	0.31	182	1	1	1	0	1	0	0.010	0
464	461	37.81	3.02	2.7	27.49	36.28	0	0	254	1	0	0	0	1	0	0.000	0
465	462	37.89	3.67	2.7	25.3	33.86	0	0	377	1	0	0	0	1	0	0.000	0
466	463	37.98	4.52	2.8	21.77	30.62	0	0	548	1	0	0	0	1	0	0.000	0
467	464	38.06	5.65	3.0	17.32	23.67	0	0	689	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	7.46	3.2	12.49	16.35	0	0	-5	1	0	0	1	1	0	0.000	0
469	466	38.22	9.66	3.4	8.6	11.73	0	0	-9255	1	0	0	1	1	0	0.000	0
470	467	38.3	11.11	3.5	6.26	8.6	0	0	-36840	1	0	0	1	1	0	0.000	0
471	468	38.39	10.87	3.6	4.98	7.34	0	0	-38307	1	0	0	1	1	0	0.000	0
472	469	38.47	9.04	3.6	4.4	6.72	0	0	-12818	1	0	0	1	1	0	0.000	0
473	470	38.55	6.39	3.5	4.09	6.25	0	0	-2094	1	0	0	1	1	0	0.000	0
474	471	38.63	4.38	3.4	3.89	5.97	0	0	-455	1	0	0	1	1	0	0.000	0
475	472	38.71	3.26	3.4	3.79	5.73	0	0	-182	1	0	0	1	1	0	0.000	0
476	473	38.8	3.23	3.4	3.71	5.66	0	0	-179	1	0	0	1	1	0	0.000	0
477	474	38.88	3.1	3.4	3.67	5.59	0	0	-160	1	0	0	1	1	0	0.000	0
478	475	38.96	2.94	3.4	3.65	5.56	0	0	-140	1	0	1	1	1	0	0.000	0
479	476	39.04	2.78	3.4	3.68	5.6	0	0	-121	1	0	1	1	1	0	0.000	0
480	477	39.12	2.7	3.3	3.76	5.72	0	0	-112	1	0	1	1	1	0	0.000	0
481	478	39.21	2.8	3.3	3.83	5.88	0	0	-121	1	0	1	1	1	0	0.000	0
482	479	39.29	3.02	3.3	3.9	5.98	0	0	-146	1	0	0	1	1	0	0.000	0
483	480	39.37	3.3	3.4	3.95	6.14	0	0	-184	1	0	0	1	1	0	0.000	0
484	481	39.45	3.66	3.4	4.01	6.22	0	0	-248	1	0	0	1	1	0	0.000	0
485	482	39.53	4.16	3.4	4.09	6.34	0	0	-[illegible]71	1	0	0	1	1	0	0.000	0
486	483	39.62	4.56	3.4	4.26	6.52	0	0	-[illegible]03	1	0	0	1	1	0	0.000	0
487	484	39.7	4.62	3.4	4.51	6.9	0	0	-5[illegible]2	1	0	0	1	1	0	0.000	0
488	485	39.78	4.42	3.4	4.79	7.36	0	0	-42[illegible]	1	0	0	1	1	0	0.000	0
489	486	39.86	4.31	3.3	4.93	7.59	0	0	-[illegible]78	1	0	0	1	1	0	0.000	0
490	487	39.94	4.42	3.4	4.86	7.44	0	0	-417	1	0	0	1	1	0	0.000	0
491	488	40.03	4.7	3.4	4.68	7.06	0	0	-534	1	0	0	1	1	0	0.000	0
492	489	40.11	4.93	3.4	4.51	6.72	0	0	-654	1	0	0	1	1	0	0.000	0
493	490	40.19	5.04	3.4	4.39	6.68	0	0	-724	1	0	0	1	1	0	0.000	0
494	491	40.27	5.05	3.4	4.27	6.6	0	0	-740	1	0	0	1	1	0	0.000	0
495	492	40.35	5.06	3.4	4.12	6.43	0	0	-760	1	0	0	1	1	0	0.000	0
496	493	40.44	5	3.5	3.98	6.19	0	0	-737	1	0	0	1	1	0	0.000	0
497	494	40.52	4.77	3.5	3.91	6.1	0	0	-620	1	0	0	1	1	0	0.000	0
498	495	40.6	4.36	3.4	3.93	6.12	0	0	-445	1	0	0	1	1	0	0.000	0
499	496	40.68	3.94	3.4	4.01	6.19	0	0	-313	1	0	0	1	1	0	0.000	0
500	497	40.76	3.58	3.4	4.08	6.3	0	0	-230	1	0	0	1	1	0	0.000	0
501	498	40.85	3.41	3.4	4.09	6.3	0	0	-199	1	0	0	1	1	0	0.000	0
502	499	40.93	3.42	3.4	4.04	6.15	0	0	-202	1	0	0	1	1	0	0.000	0
503	500	41.01	3.91	3.4	4.04	6.08	0	0	-304	1	0	0	1	1	0	0.000	0
504	501	41.09	4.75	3.4	4.34	6.19	0	0	-579	1	0	0	1	1	0	0.000	0
505	502	41.17	5.13	3.4	5.34	7.15	0	0	-686	1	0	0	1	1	0	0.000	0
506	503	41.26	4.46	3.2	7.19	9.71	0	0	-299	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	3.08	3.0	10.1	13.36	0	0	-43	1	0	0	1	1	0	0.000	0
508	505	41.42	2.23	2.9	12.13	18.95	0	0	-3	1	0	1	1	1	0	0.000	0
509	506	41.5	1.99	2.8	12.16	18.36	0	0	-2	1	0	1	1	1	0	0.000	0
510	507	41.58	2.51	2.9	10.29	14.06	0	0	-24	1	0	1	1	1	0	0.000	0
511	508	41.67	3.79	3.1	8.05	11.83	0	0	-145	1	0	0	1	1	0	0.000	0
512	509	41.75	4.86	3.3	6.96	9.58	0	0	-429	1	0	0	1	1	0	0.000	0
513	510	41.83	4.92	3.2	7.13	9.66	0	0	-436	1	0	0	1	1	0	0.000	0
514	511	41.91	3.97	3.1	8.67	12.13	0	0	-145	1	0	0	1	1	0	0.000	0
515	512	41.99	3.6	3.0	10.47	15.46	0	0	-56	1	0	0	1	1	0	0.000	0
516	513	42.08	3.67	3.0	11.8	16.87	0	0	-21	1	0	0	1	1	0	0.000	0
517	514	42.16	4.21	3.0	12.91	17.25	0	0	19	1	0	0	1	1	0	0.000	0
518	515	42.24	4.66	3.0	13.86	19.49	0	0	90	1	0	0	0	1	0	0.000	0
519	516	42.32	4.99	3.0	14.36	20.12	0	0	160	1	0	0	0	1	0	0.000	0
520	517	42.4	5.07	3.0	13.78	19.59	0	0	117	1	0	0	0	1	0	0.000	0
521	518	42.49	4.92	3.0	12.76	17.81	0	0	21	1	0	0	1	1	0	0.000	0
522	519	42.57	4.76	3.1	11.53	16.67	0	0	-69	1	0	0	1	1	0	0.000	0
523	520	42.65	4.67	3.1	9.99	14.85	0	0	-167	1	0	0	1	1	0	0.000	0
524	521	42.73	4.79	3.2	8.05	11.67	0	0	[illegible]	1	0	0	1	1	0	0.000	0
525	522	42.81	5.06	3.3	5.96	9.09	0	0	[illegible]93	1	0	0	1	1	0	0.000	0
526	523	42.9	5.14	3.4	4.46	6.72	0	0	-7[illegible]	1	0	0	1	1	0	0.000	0
527	524	42.98	4.67	3.5	3.56	5.82	0	0	-59[illegible]	1	0	0	1	1	0	0.000	0
528	525	43.06	3.69	3.5	3.26	5.43	0	0	[illegible]77	1	0	0	1	1	0	0.000	0
529	526	43.14	2.97	3.4	3.19	5.27	0	0	-151	1	0	1	1	1	0	0.000	0
530	527	43.22	2.82	3.4	3.22	5.32	0	0	-132	1	0	1	1	1	0	0.000	0
531	528	43.31	2.97	3.4	3.32	5.34	0	0	-149	1	0	1	1	1	0	0.000	0
532	529	43.39	2.98	3.4	3.53	5.51	0	0	-147	1	0	1	1	1	0	0.000	0
533	530	43.47	2.77	3.3	3.81	6.01	0	0	-119	1	0	1	1	1	0	0.000	0
534	531	43.55	2.53	3.3	4.05	6.45	0	0	-93	1	0	1	1	1	0	0.000	0
535	532	43.63	2.6	3.3	4.12	6.53	0	0	-99	1	0	1	1	1	0	0.000	0
536	533	43.72	2.8	3.3	4.14	6.31	0	0	-117	1	0	1	1	1	0	0.000	0
537	534	43.8	2.95	3.3	4.18	6.42	0	0	-133	1	0	1	1	1	0	0.000	0
538	535	43.88	2.96	3.3	4.3	6.59	0	0	-132	1	0	1	1	1	0	0.000	0
539	536	43.96	3	3.3	4.42	6.72	0	0	-135	1	0	0	1	1	0	0.000	0
540	537	44.04	3.1	3.3	4.55	6.9	0	0	-144	1	0	0	1	1	0	0.000	0
541	538	44.13	3.24	3.3	4.71	7.12	0	0	-160	1	0	0	1	1	0	0.000	0
542	539	44.21	3.42	3.3	4.83	7.4	0	0	-183	1	0	0	1	1	0	0.000	0
543	540	44.29	3.77	3.3	4.81	7.44	0	0	-246	1	0	0	1	1	0	0.000	0
544	541	44.37	4.28	3.4	4.58	7.16	0	0	-386	1	0	0	1	1	0	0.000	0
545	542	44.45	4.94	3.4	4.2	6.68	0	0	-685	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	5.37	3.5	3.87	6.22	0	0	-996	1	0	0	1	1	0	0.000	0
547	544	44.62	5.4	3.5	4.03	6.05	0	0	-1000	1	0	0	1	1	0	0.000	0
548	545	44.7	4.88	3.4	4.66	7.23	0	0	-617	1	0	0	1	1	0	0.000	0
549	546	44.78	4.5	3.3	5.52	8.36	0	0	-406	1	0	0	1	1	0	0.000	0
550	547	44.86	4.49	3.3	6.08	9.09	0	0	-370	1	0	0	1	1	0	0.000	0
551	548	44.95	4.9	3.3	6.32	9.4	0	0	-494	1	0	0	1	1	0	0.000	0
552	549	45.03	5.45	3.3	6.41	9.51	0	0	-747	1	0	0	1	1	0	0.000	0
553	550	45.11	5.87	3.3	6.39	9.81	0	0	-1032	1	0	0	1	1	0	0.000	0
554	551	45.19	6.14	3.3	6.34	9.63	0	0	-1274	1	0	0	1	1	0	0.000	0
555	552	45.27	6.31	3.4	6.26	9.4	0	0	-1464	1	0	0	1	1	0	0.000	0
556	553	45.36	6.38	3.4	6.26	9.44	0	0	-1542	1	0	0	1	1	0	0.000	0
557	554	45.44	6.44	3.4	6.26	9.47	0	0	-1612	1	0	0	1	1	0	0.000	0
558	555	45.52	6.48	3.4	6.21	9.31	0	0	-1673	1	0	0	1	1	0	0.000	0
559	556	45.6	6.49	3.4	6.02	9.24	0	0	-1736	1	0	0	1	1	0	0.000	0
560	557	45.69	6.5	3.4	5.77	8.85	0	0	-1817	1	0	0	1	1	0	0.000	0
561	558	45.77	6.52	3.4	5.4	8.36	0	0	-1945	1	0	0	1	1	0	0.000	0
562	559	45.85	6.45	3.4	5.08	7.75	0	0	-1931	1	0	0	1	1	0	0.000	0
563	560	45.93	6.21	3.4	4.82	7.51	0	0	-1[illegible]73	1	0	0	1	1	0	0.000	0
564	561	46.01	5.87	3.4	4.66	7.34	0	0	-1[illegible]24	1	0	0	1	1	0	0.000	0
565	562	46.1	5.69	3.4	4.52	7.09	0	0	-11[illegible]6	1	0	0	1	1	0	0.000	0
566	563	46.18	5.62	3.5	4.39	7	0	0	-1133	1	0	0	1	1	0	0.000	0
567	564	46.26	5.77	3.5	4.28	6.87	0	0	-[illegible]87	1	0	0	1	1	0	0.000	0
568	565	46.34	6.12	3.5	4.18	6.69	0	0	-1695	1	0	0	1	1	0	0.000	0
569	566	46.42	6.33	3.5	4.15	6.67	0	0	-1989	1	0	0	1	1	0	0.000	0
570	567	46.51	6.37	3.5	4.21	6.79	0	0	-2034	1	0	0	1	1	0	0.000	0
571	568	46.59	6.33	3.5	4.28	6.97	0	0	-1958	1	0	0	1	1	0	0.000	0
572	569	46.67	6.52	3.5	4.3	7.08	0	0	-2246	1	0	0	1	1	0	0.000	0
573	570	46.75	6.71	3.5	4.28	6.85	0	0	-2587	1	0	0	1	1	0	0.000	0
574	571	46.83	6.71	3.5	4.26	6.91	0	0	-2593	1	0	0	1	1	0	0.000	0
575	572	46.92	6.42	3.5	4.26	6.96	0	0	-2097	1	0	0	1	1	0	0.000	0
576	573	47	6.06	3.5	4.34	6.87	0	0	-1590	1	0	0	1	1	0	0.000	0
577	574	47.08	5.62	3.4	4.43	7.24	0	0	-1128	1	0	0	1	1	0	0.000	0
578	575	47.16	5.25	3.4	4.54	7.3	0	0	-837	1	0	0	1	1	0	0.000	0
579	576	47.24	5.11	3.4	4.4	7.31	0	0	-764	1	0	0	1	1	0	0.000	0
580	577	47.33	4.92	3.4	4.23	6.77	0	0	-672	1	0	0	1	1	0	0.000	0
581	578	47.41	4.75	3.4	4.01	6.67	0	0	-603	1	0	0	1	1	0	0.000	0
582	579	47.49	4.4	3.4	3.88	6.45	0	0	-463	1	0	0	1	1	0	0.000	0
583	580	47.57	4.27	3.4	3.69	6.19	0	0	-426	1	0	0	1	1	0	0.000	0
584	581	47.65	4.13	3.5	3.52	5.82	0	0	-387	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	3.97	3.5	3.46	5.65	0	0	-342	1	0	0	1	1	0	0.000	0
586	583	47.82	3.77	3.4	3.6	5.81	0	0	-285	1	0	0	1	1	0	0.000	0
587	584	47.9	3.72	3.4	3.81	6.2	0	0	-267	1	0	0	1	1	0	0.000	0
588	585	47.98	3.79	3.4	3.99	6.37	0	0	-277	1	0	0	1	1	0	0.000	0
589	586	48.06	3.87	3.4	4.1	6.43	0	0	-292	1	0	0	1	1	0	0.000	0
590	587	48.15	3.92	3.4	4.18	6.63	0	0	-302	1	0	0	1	1	0	0.000	0
591	588	48.23	3.98	3.4	4.23	6.72	0	0	-315	1	0	0	1	1	0	0.000	0
592	589	48.31	3.88	3.4	4.19	6.67	0	0	-292	1	0	0	1	1	0	0.000	0
593	590	48.39	3.53	3.4	4.11	6.54	0	0	-220	1	0	0	1	1	0	0.000	0
594	591	48.47	2.92	3.3	4.02	6.41	0	0	-132	1	0	1	1	1	0	0.000	0
595	592	48.56	2.53	3.3	3.99	6.32	0	0	-94	1	0	1	1	1	0	0.000	0
596	593	48.64	2.4	3.3	4.05	6.39	0	0	-83	1	0	1	1	1	0	0.000	0
597	594	48.72	2.53	3.3	4.13	6.51	0	0	-92	1	0	1	1	1	0	0.000	0
598	595	48.8	2.67	3.3	4.18	6.51	0	0	-104	1	0	1	1	1	0	0.000	0
599	596	48.88	2.88	3.3	4.1	6.49	0	0	-126	1	0	1	1	1	0	0.000	0
600	597	48.97	3.11	3.3	3.98	6.23	0	0	-156	1	0	0	1	1	0	0.000	0
601	598	49.05	3.28	3.4	3.88	6.07	0	0	-183	1	0	0	1	1	0	0.000	0
602	599	49.13	3.35	3.4	3.84	6.08	0	0	-195	1	0	0	1	1	0	0.000	0
603	600	49.21	3.35	3.4	3.83	6.05	0	0	-195	1	0	0	1	1	0	0.000	0
604	601	49.29	3.39	3.4	3.76	6.02	0	0	-203	1	0	0	1	1	0	0.000	0
605	602	49.38	3.42	3.4	3.66	5.88	0	0	-211	1	0	0	1	1	0	0.000	0
606	603	49.46	3.42	3.4	3.59	5.72	0	0	-213	1	0	0	1	1	0	0.000	0
607	604	49.54	3.31	3.4	3.56	5.75	0	0	-194	1	0	0	1	1	0	0.000	0
608	605	49.62	3.15	3.4	3.57	5.73	0	0	-169	1	0	0	1	1	0	0.000	0
609	606	49.7	3.04	3.4	3.57	5.74	0	0	-154	1	0	0	1	1	0	0.000	0
610	607	49.79	3	3.4	3.56	5.74	0	0	-149	1	0	0	1	1	0	0.000	0
611	608	49.87	3.07	3.4	3.54	5.72	0	0	-159	1	0	0	1	1	0	0.000	0
612	609	49.95	3.24	3.4	3.51	5.65	0	0	-184	1	0	0	1	1	0	0.000	0
613	610	50.03	3.44	3.4	3.47	5.62	0	0	-219	1	0	0	1	1	0	0.000	0
614	611	50.11	3.63	3.4	3.4	5.62	0	0	-259	1	0	0	1	1	0	0.000	0
615	612	50.2	3.73	3.5	3.3	5.5	0	0	-285	1	0	0	1	1	0	0.000	0
616	613	50.28	3.75	3.5	3.17	5.34	0	0	-294	1	0	0	1	1	0	0.000	0
617	614	50.36	3.7	3.5	3.06	5.2	0	0	-285	1	0	0	1	1	0	0.000	0
618	615	50.44	3.58	3.5	2.98	5.09	0	0	-260	1	0	0	1	1	0	0.000	0
619	616	50.52	3.41	3.5	2.93	5.01	0	0	-227	1	0	0	1	1	0	0.000	0
620	617	50.61	3.28	3.5	2.89	4.91	0	0	-204	1	0	0	1	1	0	0.000	0
621	618	50.69	3.23	3.5	2.85	4.81	0	0	-196	1	0	0	1	1	0	0.000	0
622	619	50.77	3.52	3.5	2.83	4.78	0	0	-251	1	0	0	1	1	0	0.000	0
623	620	50.85	4.16	3.5	2.82	4.79	0	0	-428	1	0	0	1	1	0	0.000	0
624	621	50.93	4.24	3.5	3.54	4.76	0	0	-422	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	4.07	3.3	5.21	7.62	0	0	-299	1	0	0	1	1	0	0.000	0
626	623	51.1	3.03	2.9	12.09	11.73	0	0	-7	1	0	0	1	1	0	0.000	0
627	624	51.18	2.32	2.6	25.63	34.23	0	0	120	1	0	1	0	1	0	0.000	0
628	625	51.26	1.8	2.4	44.34	63.67	0	0	182	1	1	1	0	1	0	0.000	0
629	626	51.34	1.68	2.2	60.24	81.57	0	0	244	1	1	1	0	1	0	0.000	0
630	627	51.43	1.71	2.2	71.46	94.33	0	0	310	1	1	1	0	1	0	0.000	0
631	628	51.51	1.82	2.2	79.53	108.28	0	0.05	390	1	1	1	0	1	0	0.000	0
632	629	51.59	1.75	2.1	87.85	115.29	0	0.04	411	1	1	1	0	1	0	0.000	0
633	630	51.67	1.7	2.1	90.7	127.02	0	0.01	408	1	1	1	0	1	0	0.000	0
634	631	51.75	1.7	2.1	91.66	118.72	0	0.04	413	1	1	1	0	1	0	0.000	0
635	632	51.84	1.92	2.2	85.88	120.02	0	0.02	468	1	1	1	0	1	0	0.000	0
636	633	51.92	2.07	2.2	81.59	107.96	0	0.05	506	1	1	1	0	1	0	0.000	0
637	634	52	2.22	2.2	75.51	104.64	0	0.05	528	1	1	1	0	1	0	0.000	0
638	635	52.08	2.14	2.2	72.93	97.04	0	0.06	471	1	1	1	0	1	0	0.000	0
639	636	52.16	1.93	2.2	74.68	96.39	0	0.07	401	1	1	1	0	1	0	0.000	0
640	637	52.25	1.67	2.1	81.4	108.57	0	0.05	349	1	1	1	0	1	0	0.000	0
641	638	52.33	1.41	2.0	92.13	118.81	0	0.05	317	1	1	1	0	1	0	0.000	0
642	639	52.41	1.29	2.0	99.24	132.38	0	0.04	308	1	1	1	0	1	0	0.000	0
643	640	52.49	1.18	1.9	104.35	130.71	0	0.06	294	1	1	1	0	1	0	0.000	0
644	641	52.57	1.1	1.9	104.05	133.24	0	0.06	271	1	1	1	0	1	0	0.000	0
645	642	52.66	1.06	1.9	103.3	126.5	0	0.08	259	1	1	1	0	1	0	0.000	0
646	643	52.74	0.95	1.9	101.47	124.47	0	0.1	228	1	1	1	0	1	0	0.000	0
647	644	52.82	0.87	1.9	103.76	119.79	0	0.14	217	1	1	1	0	1	0	0.000	0
648	645	52.9	0.72	1.8	109.33	127.33	0	0.16	195	1	1	1	0	1	0	0.000	0
649	646	52.98	0.68	1.8	115.21	135.72	0	0.13	203	1	1	1	0	1	0	0.000	0
650	647	53.07	0.73	1.8	118.87	137.53	0	0.13	220	1	1	1	0	1	0	0.000	0
651	648	53.15	0.91	1.8	120.32	144.51	0	0.09	266	1	1	1	0	1	0	0.000	0
652	649	53.23	1.22	1.9	120.23	155.67	0	0.02	358	1	1	1	0	1	0	0.000	0
653	650	53.31	1.26	1.9	122.33	155.07	0	0.02	379	1	1	1	0	1	0	0.000	0
654	651	53.4	1.54	2.0	120.09	162.6	0	0	483	0	1	1	0	1	0	0.000	0
655	652	53.48	1.83	2.0	120.15	160.59	0	0	633	0	1	1	0	1	0	0.000	0
656	653	53.56	1.97	2.1	123.87	169.5	0	0	744	0	1	1	0	1	0	0.000	0
657	654	53.64	1.79	2.0	129.27	184.41	0	0	661	0	1	1	0	1	0	0.000	0
658	655	53.72	1.45	1.9	132.18	175.85	0	0	494	0	1	1	0	1	0	0.000	0
659	656	53.81	1.48	1.9	130.73	167.17	0	0	502	0	1	1	0	1	0	0.000	0
660	657	53.89	1.44	1.9	132.43	176.09	0	0	491	0	1	1	0	1	0	0.000	0
661	658	53.97	1.3	1.9	140.61	178.99	0	0	459	0	1	1	0	1	0	0.000	0
662	659	54.05	1.08	1.8	148.85	189.05	0	0.01	396	0	1	1	0	1	0	0.000	0
663	660	54.13	0.89	1.7	157.93	193.12	0	0.01	352	0	1	1	0	1	0	0.000	0
664	661	54.22	1.04	1.8	164.1	200.93	0	0	424	0	1	1	0	1	0	0.000	0
665	662	54.3	1.24	1.8	172.01	224.24	0	0	540	0	1	1	0	1	0	0.000	0
666	663	54.38	1.45	1.8	178.23	242.54	0	0	684	0	1	1	0	1	0	0.000	0
667	664	54.46	1.6	1.9	178.74	243.21	0	0	790	0	1	1	0	1	0	0.000	0
668	665	54.54	1.66	1.9	175.25	238.12	0	0	818	0	1	1	0	1	0	0.000	0
669	666	54.63	1.82	1.9	168.34	232.57	0	0	907	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	1.91	2.0	159.57	223.75	0	0	930	0	1	1	0	1	0	0.000	0
671	668	54.79	1.95	2.0	151.92	208.49	0	0	915	0	1	1	0	1	0	0.000	0
672	669	54.87	2.02	2.0	141.59	204.74	0	0	903	0	1	1	0	1	0	0.000	0
673	670	54.95	1.87	2.0	135.11	184.8	0	0	748	0	1	1	0	1	0	0.000	0
674	671	55.04	1.74	2.0	129.42	176.69	0	0	632	0	1	1	0	1	0	0.000	0
675	672	55.12	1.56	2.0	124.96	175.11	0	0	515	0	1	1	0	1	0	0.000	0
676	673	55.2	1.55	2.0	119.43	158.43	0	0	485	1	1	1	0	1	0	0.000	0
677	674	55.28	1.59	2.0	112.34	152.74	0	0	470	1	1	1	0	1	0	0.000	0
678	675	55.36	1.56	2.0	108.15	146.7	0	0	438	1	1	1	0	1	0	0.000	0
679	676	55.45	1.52	2.0	103.02	140.56	0	0	399	1	1	1	0	1	0	0.000	0
680	677	55.53	1.47	2.0	99.83	130.04	0	0.03	367	1	1	1	0	1	0	0.000	0
681	678	55.61	1.29	2.0	100.81	131.03	0	0.05	314	1	1	1	0	1	0	0.000	0
682	679	55.69	1.33	2.0	99.06	139.23	0	0.02	319	1	1	1	0	1	0	0.000	0
683	680	55.77	1.52	2.1	94.35	124.68	0	0.03	361	1	1	1	0	1	0	0.000	0
684	681	55.86	1.72	2.1	88.01	119.37	0	0.03	401	1	1	1	0	1	0	0.000	0
685	682	55.94	1.59	2.1	86.28	118.56	0	0.04	347	1	1	1	0	1	0	0.000	0
686	683	56.02	1.47	2.1	83.92	115.14	0	0.05	301	1	1	1	0	1	0	0.000	0
687	684	56.1	1.44	2.1	84.14	106.5	0	0.07	293	1	1	1	0	1	0	0.000	0
688	685	56.18	1.5	2.1	85.57	118.82	0	0.04	316	1	1	1	0	1	0	0.000	0
689	686	56.27	1.37	2.0	93.76	121.69	0	0.05	311	1	1	1	0	1	0	0.000	0
690	687	56.35	1.3	2.0	96.83	136.48	0	0.02	302	1	1	1	0	1	0	0.000	0
691	688	56.43	1.22	2.0	99.88	127.23	0	0.06	290	1	1	1	0	1	0	0.000	0
692	689	56.51	1.14	2.0	99.3	129.84	0	0.06	267	1	1	1	0	1	0	0.000	0
693	690	56.59	0.97	1.9	102.51	127.37	0	0.09	235	1	1	1	0	1	0	0.000	0
694	691	56.68	0.92	1.9	105.21	130.13	0	0.1	231	1	1	1	0	1	0	0.000	0
695	692	56.76	0.97	1.9	108.14	135.34	0	0.08	250	1	1	1	0	1	0	0.000	0
696	693	56.84	0.98	1.9	111.92	140.15	0	0.08	263	1	1	1	0	1	0	0.000	0
697	694	56.92	1	1.9	113.83	145.87	0	0.06	273	1	1	1	0	1	0	0.000	0
698	695	57	1.21	1.9	113.44	147.1	0	0.03	332	1	1	1	0	1	0	0.000	0
699	696	57.09	1.53	2.0	111.58	153.75	0	0	441	1	1	1	0	1	0	0.000	0
700	697	57.17	1.76	2.1	106.98	157.46	0	0	521	1	1	1	0	1	0	0.000	0
701	698	57.25	1.71	2.1	103.21	138.47	0	0	477	1	1	1	0	1	0	0.000	0
702	699	57.33	1.64	2.1	99.59	137.19	0	0	429	1	1	1	0	1	0	0.000	0
703	700	57.41	1.84	2.1	98.99	140.26	0	0	513	1	1	1	0	1	0	0.000	0
704	701	57.5	2.03	2.1	99.31	142.65	0	0	613	1	1	1	0	1	0	0.000	0
705	702	57.58	1.78	2.1	100.72	143.86	0	0	495	1	1	1	0	1	0	0.000	0
706	703	57.66	1.36	2.0	103.2	138.27	0	0.02	344	1	1	1	0	1	0	0.000	0
707	704	57.74	1.1	1.9	104.27	136.04	0	0.06	272	1	1	1	0	1	0	0.000	0
708	705	57.82	1.36	2.0	103.75	136.85	0	0.03	346	1	1	1	0	1	0	0.000	0
709	706	57.91	1.57	2.0	101.7	146.94	0	0	412	1	1	1	0	1	0	0.000	0
710	707	57.99	1.69	2.1	100.44	138.69	0	0	454	1	1	1	0	1	0	0.000	0
711	708	58.07	1.68	2.1	99.97	136.97	0	0	448	1	1	1	0	1	0	0.000	0
712	709	58.15	1.57	2.0	101.71	144.91	0	0	412	1	1	1	0	1	0	0.000	0
713	710	58.23	1.41	2.0	103.71	141.9	0	0.01	363	1	1	1	0	1	0	0.000	0
714	711	58.32	1.25	2.0	105.13	138.08	0	0.04	317	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	1.09	1.9	108.35	140.49	0	0.05	281	1	1	1	0	1	0	0.000	0
716	713	58.48	1.04	1.9	111.67	144.65	0	0.06	278	1	1	1	0	1	0	0.000	0
717	714	58.56	1.04	1.9	114.61	145.98	0	0.06	286	1	1	1	0	1	0	0.000	0
718	715	58.64	1.09	1.9	114.6	152.23	0	0.04	300	1	1	1	0	1	0	0.000	0
719	716	58.73	1.1	1.9	113.56	147.79	0	0.05	300	1	1	1	0	1	0	0.000	0
720	717	58.81	1.2	1.9	109.69	145.14	0	0.03	317	1	1	1	0	1	0	0.000	0
721	718	58.89	1.24	2.0	106.36	143.13	0	0.03	318	1	1	1	0	1	0	0.000	0
722	719	58.97	1.3	2.0	102.59	139.48	0	0.02	323	1	1	1	0	1	0	0.000	0
723	720	59.05	1.25	2.0	97.82	133.31	0	0.04	292	1	1	1	0	1	0	0.000	0
724	721	59.14	1.2	2.0	89.63	123.09	0	0.05	251	1	1	1	0	1	0	0.000	0
725	722	59.22	1.15	2.0	81.99	104.56	0	0.09	216	1	1	1	0	1	0	0.000	0
726	723	59.3	1.08	2.0	74.22	101.07	0	0.09	179	1	1	1	0	1	0	0.000	0
727	724	59.38	1.03	2.0	69.54	89.93	0	0.12	158	1	1	1	0	1	0	0.000	0
728	725	59.46	1.01	2.1	64.8	85.06	0	0.13	142	1	1	1	0	1	0	0.000	0
729	726	59.55	0.9	2.0	62.88	81.65	0	0.16	123	1	1	1	0	1	0	0.000	0
730	727	59.63	0.82	2.0	64.19	79.36	0	0.18	117	1	1	1	0	1	0	0.000	0
731	728	59.71	0.78	2.0	68.62	86.47	0	0.17	122	1	1	1	0	1	0	0.000	0
732	729	59.79	0.81	2.0	77.09	95.62	0	0.16	145	1	1	1	0	1	0	0.000	0
733	730	59.87	0.82	1.9	86.71	110.45	0	0.13	168	1	1	1	0	1	0	0.000	0
734	731	59.96	0.82	1.9	97.48	119.97	0	0.13	192	1	1	1	0	1	0	0.000	0
735	732	60.04	0.98	1.9	104.2	136.43	0	0.07	242	1	1	1	0	1	0	0.000	0
736	733	60.12	1.15	1.9	108.96	146.06	0	0.04	300	1	1	1	0	1	0	0.000	0
737	734	60.2	1.34	2.0	110.55	152.64	0	0	361	1	1	1	0	1	0	0.000	0
738	735	60.28	1.49	2.0	110.54	156.35	0	0	420	1	1	1	0	1	0	0.000	0
739	736	60.37	1.78	2.1	108.25	157.34	0	0	437	1	1	1	0	1	0	0.000	0
740	737	60.45	2.1	2.1	108	156.78	0	0	718	1	1	1	0	1	0	0.000	0
741	738	60.53	2.33	2.1	111.35	169	0	0	914	0	1	1	0	1	0	0.000	0
742	739	60.61	2.3	2.1	112.91	181.86	0	0	904	0	1	1	0	1	0	0.000	0
743	740	60.69	2.26	2.1	109.42	164.62	0	0	842	0	1	1	0	1	0	0.000	0
744	741	60.78	2.11	2.1	101.23	150.9	0	0	673	1	1	1	0	1	0	0.000	0
745	742	60.86	2.07	2.2	93.84	138.88	0	0	595	1	1	1	0	1	0	0.000	0
746	743	60.94	1.89	2.1	89.66	128.11	0	0	479	1	1	1	0	1	0	0.000	0
747	744	61.02	1.72	2.1	83.77	126.86	0	0.01	378	1	1	1	0	1	0	0.000	0
748	745	61.1	1.53	2.1	78.86	107.51	0	0.06	295	1	1	1	0	1	0	0.000	0
749	746	61.19	1.34	2.1	73.91	101.08	0	0.08	229	1	1	1	0	1	0	0.000	0
750	747	61.27	1.51	2.1	74.68	100.6	0	0.07	272	1	1	1	0	1	0	0.000	0
751	748	61.35	1.59	2.1	82.16	114.95	0	0.05	328	1	1	1	0	1	0	0.000	0
752	749	61.43	1.56	2.1	97.48	136.07	0	0	389	1	1	1	0	1	0	0.000	0
753	750	61.52	1.51	2.0	110.44	167.35	0	0	428	0	1	1	0	1	0	0.000	0
754	751	61.6	1.42	2.0	119.98	168.07	0	0	432	0	1	1	0	1	0	0.000	0
755	752	61.68	1.44	2.0	117.54	173.85	0	0	430	0	1	1	0	1	0	0.000	0
756	753	61.76	1.35	2.0	110.9	155.92	0	0	370	1	1	1	0	1	0	0.000	0
757	754	61.84	1.33	2.0	101.48	136.05	0	0.03	328	1	1	1	0	1	0	0.000	0
758	755	61.93	1.11	2.0	96.31	129.53	0	0.06	251	1	1	1	0	1	0	0.000	0
759	756	62.01	0.9	1.9	94.79	121.81	0	0.1	201	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	0.77	1.9	93.36	115.02	0	0.15	174	1	1	1	0	1	0	0.000	0
761	758	62.17	0.88	1.9	88.73	116.68	0	0.1	183	1	1	1	0	1	0	0.000	0
762	759	62.25	0.87	1.9	92	107.66	0	0.14	189	1	1	1	0	1	0	0.000	0
763	760	62.34	0.89	1.9	98.16	129.93	0	0.09	207	1	1	1	0	1	0	0.000	0
764	761	62.42	0.83	1.8	109.59	138.05	0	0.11	222	1	1	1	0	1	0	0.000	0
765	762	62.5	0.89	1.8	114.16	147.63	0	0.08	246	1	1	1	0	1	0	0.000	0
766	763	62.58	1.02	1.9	115.67	151.48	0	0.06	283	1	1	1	0	1	0	0.000	0
767	764	62.66	1.3	1.9	114.5	158.45	0	0	366	1	1	1	0	1	0	0.000	0
768	765	62.75	1.34	1.9	117.49	163.18	0	0	391	0	1	1	0	1	0	0.000	0
769	766	62.83	1.29	1.9	120.96	171.28	0	0	385	0	1	1	0	1	0	0.000	0
770	767	62.91	1.14	1.9	125.79	167.62	0	0.02	349	0	1	1	0	1	0	0.000	0
771	768	62.99	1.14	1.9	129.15	172.71	0	0.01	359	0	1	1	0	1	0	0.000	0
772	769	63.07	1.13	1.9	134.4	181.75	0	0	372	0	1	1	0	1	0	0.000	0
773	770	63.16	1.18	1.9	135.15	189.98	0	0	392	0	1	1	0	1	0	0.000	0
774	771	63.24	1.29	1.9	131.7	181.82	0	0	423	1	1	0	1	0	0.000	0
775	772	63.32	1.43	1.9	126.54	179.41	0	0	462	0	1	1	0	1	0	0.000	0
776	773	63.4	1.41	1.9	125.71	178.89	0	0	450	0	1	1	0	1	0	0.000	0
777	774	63.48	1.29	1.9	125.97	178.39	0	0	403	0	1	1	0	1	0	0.000	0
778	775	63.57	1.22	1.9	124.55	171.87	0	0	372	0	1	1	0	1	0	0.000	0
779	776	63.65	1.27	1.9	122.49	167.53	0	0	383	0	1	1	0	1	0	0.000	0
780	777	63.73	1.28	1.9	124.39	171.82	0	0	394	0	1	1	0	1	0	0.000	0
781	778	63.81	1.34	1.9	128.48	183.36	0	0	432	0	1	1	0	1	0	0.000	0
782	779	63.89	1.32	1.9	128.05	189.89	0	0	42	0	1	1	0	1	0	0.000	0
783	780	63.98	1.39	1.9	125.06	170.88	0	0	435	0	1	1	0	1	0	0.000	0
784	781	64.06	1.42	2.0	120.94	175.53	0	0	35	0	1	1	0	1	0	0.000	0
785	782	64.14	1.55	2.0	115.3	176.45	0	0	466	0	1	1	0	1	0	0.000	0
786	783	64.22	1.8	2.1	106.3	155.62	0	0	536	1	1	1	0	1	0	0.000	0
787	784	64.3	1.96	2.1	96.59	147.56	0	0	557	1	1	1	0	1	0	0.000	0
788	785	64.39	2.05	2.2	91.14	137.66	0	0	565	1	1	1	0	1	0	0.000	0
789	786	64.47	2.1	2.2	87.22	133.58	0	0	562	1	1	1	0	1	0	0.000	0
790	787	64.55	2.17	2.2	87.91	130.73	0	0	604	1	1	1	0	1	0	0.000	0
791	788	64.63	1.94	2.1	95.44	142.49	0	0	539	1	1	1	0	1	0	0.000	0
792	789	64.71	1.54	2.0	105.03	162.1	0	0	416	0	1	1	0	1	0	0.000	0
793	790	64.8	1.2	1.9	107.2	157.23	0	0	309	1	1	1	0	1	0	0.000	0
794	791	64.88	0.93	1.9	106.38	128.69	0	0.1	236	1	1	1	0	1	0	0.000	0
795	792	64.96	0.73	1.8	106.51	133.61	0	0.13	195	1	1	1	0	1	0	0.000	0
796	793	65.04	0.61	1.8	105.31	137.48	0	0	171	1	1	1	0	1	0	0.000	0
797	794	65.12	0.72	1.9	92.1	115.12	0	0	163	1	1	1	0	1	0	0.000	0
798	795	65.21	0.73	1.9	78.79	93.92	0	0	137	1	1	1	0	1	0	0.000	0
799	796	65.29	0.8	2.0	69.86	92.69	0	0	127	1	1	1	0	1	0	0.000	0
800	797	65.37	1.02	2.1	64.8	89.53	0	0	144	1	1	1	0	1	0	0.000	0
801	798	65.45	1.56	2.2	57.49	86.08	0	0	206	1	1	1	0	1	0	0.000	0
802	799	65.53	2.34	2.4	48.08	77.81	0	0	332	1	1	1	0	1	0	0.000	0
803	800	65.62	3.17	2.6	35.7	60.77	0	0	448	1	1	0	0	1	0	0.000	0
804	801	65.7	4.6	2.8	23.39	37.02	0	0	686	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	6.93	3.1	14.34	20.52	0	0	679	1	0	0	0	1	0	0.000	0
806	803	65.86	9.21	3.3	8.96	14.58	0	0	-6266	1	0	0	1	1	0	0.000	0
807	804	65.94	9.52	3.4	6.65	10.45	0	0	-12679	1	0	0	1	1	0	0.000	0
808	805	66.03	6.96	3.4	5.63	9.06	0	0	-2590	1	0	0	1	1	0	0.000	0
809	806	66.11	4.34	3.3	5.44	8.83	0	0	-361	1	0	0	1	1	0	0.000	0
810	807	66.19	2.84	3.2	5.56	8.92	0	0	-101	1	0	1	1	1	0	0.000	0
811	808	66.27	2.53	3.2	5.53	9.08	0	0	-77	1	0	1	1	1	0	0.000	0
812	809	66.35	2.52	3.2	5.38	8.71	0	0	-78	1	0	1	1	1	0	0.000	0
813	810	66.44	2.58	3.2	5.2	8.37	0	0	-84	1	0	1	1	1	0	0.000	0
814	811	66.52	2.59	3.2	5.08	8.38	0	0	-86	1	0	1	1	1	0	0.000	0
815	812	66.6	2.58	3.2	4.98	8.23	0	0	-87	1	0	1	1	1	0	0.000	0
816	813	66.68	2.57	3.2	4.87	8.08	0	0	-87	1	0	1	1	1	0	0.000	0
817	814	66.76	2.59	3.2	4.79	7.98	0	0	-90	1	0	1	1	1	0	0.000	0
818	815	66.85	2.61	3.2	4.75	7.88	0	0	-92	1	0	1	1	1	0	0.000	0
819	816	66.93	2.58	3.2	4.76	7.89	0	0	-89	1	0	1	1	1	0	0.000	0
820	817	67.01	2.51	3.2	4.83	7.98	0	0	-83	1	0	1	1	1	0	0.000	0
821	818	67.09	2.45	3.2	4.97	8.15	0	0	-78	1	0	1	1	1	0	0.000	0
822	819	67.17	2.43	3.2	5.17	8.43	0	0	-74	1	0	1	1	1	0	0.000	0
823	820	67.26	2.46	3.2	5.4	8.76	0	0	-74	1	0	1	1	1	0	0.000	0
824	821	67.34	2.54	3.2	5.6	9.18	0	0	-77	1	0	1	1	1	0	0.000	0
825	822	67.42	2.64	3.2	5.75	9.51	0	0	-82	1	0	1	1	1	0	0.000	0
826	823	67.5	2.8	3.2	5.81	9.64	0	0	-94	1	0	1	1	1	0	0.000	0
827	824	67.58	2.97	3.2	5.82	9.67	0	0	-10	1	0	1	1	1	0	0.000	0
828	825	67.67	3.1	3.2	5.81	9.64	0	0	-122	1	0	0	1	1	0	0.000	0
829	826	67.75	3.14	3.2	5.78	9.63	0	0	-126	1	0	0	1	1	0	0.000	0
830	827	67.83	3.13	3.2	5.71	9.55	0	0	-127	1	0	0	1	1	0	0.000	0
831	828	67.91	3.13	3.2	5.63	9.39	0	0	-128	1	0	0	1	1	0	0.000	0
832	829	67.99	3.16	3.2	5.55	9.26	0	0	-133	1	0	0	1	1	0	0.000	0
833	830	68.08	3.25	3.2	5.49	9.19	0	0	-145	1	0	0	1	1	0	0.000	0
834	831	68.16	3.37	3.3	5.41	9.09	0	0	-162	1	0	0	1	1	0	0.000	0
835	832	68.24	3.47	3.3	5.33	9.02	0	0	-179	1	0	0	1	1	0	0.000	0
836	833	68.32	3.53	3.3	5.25	8.93	0	0	-190	1	0	0	1	1	0	0.000	0
837	834	68.4	3.52	3.3	5.2	8.88	0	0	-190	1	0	0	1	1	0	0.000	0
838	835	68.49	3.5	3.3	5.13	8.74	0	0	-188	1	0	0	1	1	0	0.000	0
839	836	68.57	3.49	3.3	5.02	8.51	0	0	-189	1	0	0	1	1	0	0.000	0
840	837	68.65	3.5	3.3	4.89	8.32	0	0	-194	1	0	0	1	1	0	0.000	0
841	838	68.73	3.5	3.3	4.75	8.24	0	0	-198	1	0	0	1	1	0	0.000	0
842	839	68.81	3.47	3.3	4.65	8	0	0	-196	1	0	0	1	1	0	0.000	0
843	840	68.9	3.46	3.3	4.55	7.85	0	0	-196	1	0	0	1	1	0	0.000	0
844	841	68.98	3.42	3.3	4.49	7.75	0	0	-191	1	0	0	1	1	0	0.000	0
845	842	69.06	3.39	3.3	4.45	7.69	0	0	-187	1	0	0	1	1	0	0.000	0
846	843	69.14	3.33	3.3	4.41	7.62	0	0	-179	1	0	0	1	1	0	0.000	0
847	844	69.22	3.29	3.3	4.35	7.55	0	0	-174	1	0	0	1	1	0	0.000	0
848	845	69.31	3.21	3.3	4.3	7.42	0	0	-164	1	0	0	1	1	0	0.000	0
849	846	69.39	3.1	3.3	4.25	7.33	0	0	-150	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	2.98	3.3	4.21	7.29	0	0	-136	1	0	1	1	1	0	0.000	0
851	848	69.55	2.88	3.3	4.16	7.18	0	0	-125	1	0	1	1	1	0	0.000	0
852	849	69.64	2.79	3.3	4.11	7.03	0	0	-117	1	0	1	1	1	0	0.000	0
853	850	69.72	2.75	3.3	4.12	7.04	0	0	-112	1	0	1	1	1	0	0.000	0
854	851	69.8	2.7	3.3	4.21	7.17	0	0	-106	1	0	1	1	1	0	0.000	0
855	852	69.88	2.98	3.3	4.36	7.32	0	0	-133	1	0	1	1	1	0	0.000	0
856	853	69.96	3.31	3.3	4.8	7.64	0	0	-167	1	0	0	1	1	0	0.000	0
857	854	70.05	4.58	3.3	6.02	9.03	0	0	-402	1	0	0	1	1	0	0.000	0
858	855	70.13	4.97	3.2	8.19	12.74	0	0	-364	1	0	0	1	1	0	0.000	0
859	856	70.21	4.36	3.0	12.72	17.91	0	0	11	1	0	0	1	1	0	0.000	0
860	857	70.29	3.36	2.8	20.02	31.55	0	0	171	1	0	0	0	1	0	0.000	0
861	858	70.37	2.56	2.6	31.29	51.63	0	0	213	1	1	1	0	1	0	0.000	0
862	859	70.46	2.12	2.4	42.04	72.41	0	0	226	1	1	1	0	1	0	0.000	0
863	860	70.54	2.02	2.4	48.04	77.99	0	0	249	1	1	1	0	1	0	0.000	0
864	861	70.62	2.19	2.4	48.77	77.99	0	0.1	296	1	1	1	0	1	0	0.000	0
865	862	70.7	2.54	2.4	50.03	78.32	0	0.1	418	1	1	1	0	1	0	0.000	0
866	863	70.78	2.65	2.4	51.18	88.9	0	0.07	475	1	1	1	0	1	0	0.000	0
867	864	70.87	2.69	2.4	53.12	85.35	0	0.08	517	1	1	1	0	1	0	0.000	0
868	865	70.95	2.69	2.4	54.23	88.71	0	0.07	531	1	1	1	0	1	0	0.000	0
869	866	71.03	2.76	2.4	55.78	94.83	0	0.06	586	1	1	1	0	1	0	0.000	0
870	867	71.11	2.69	2.4	58.36	94.14	0	0.06	584	1	1	1	0	1	0	0.000	0
871	868	71.19	2.67	2.4	58.28	101.14	0	0.05	572	1	1	1	0	1	0	0.000	0
872	869	71.28	2.58	2.4	57.81	94.31	0	0.06	52[illegible]	1	1	1	0	1	0	0.000	0
873	870	71.36	2.49	2.4	56.18	90.65	0	0.07	466	1	1	1	0	1	0	0.000	0
874	871	71.44	2.24	2.3	57.42	91.37	0	0.07	83	1	1	1	0	1	0	0.000	0
875	872	71.52	2.07	2.3	59.48	96.63	0	0.06	344	1	1	1	0	1	0	0.000	0
876	873	71.6	2.05	2.3	61.75	97.82	0	0.06	354	1	1	1	0	1	0	0.000	0
877	874	71.69	2.19	2.3	62.08	102.34	0	0.05	404	1	1	1	0	1	0	0.000	0
878	875	71.77	2.45	2.3	61.15	101.37	0	0.05	501	1	1	1	0	1	0	0.000	0
879	876	71.85	2.61	2.4	60.65	98.09	0	0.05	571	1	1	1	0	1	0	0.000	0
880	877	71.93	2.66	2.4	60.36	102.96	0	0.04	593	1	1	1	0	1	0	0.000	0
881	878	72.01	2.48	2.3	61.77	100.88	0	0.05	521	1	1	1	0	1	0	0.000	0
882	879	72.1	2.34	2.3	63.49	102.57	0	0.05	476	1	1	1	0	1	0	0.000	0
883	880	72.18	1.97	2.2	68.87	108.64	0	0.04	377	1	1	1	0	1	0	0.000	0
884	881	72.26	1.93	2.2	74.38	120.53	0	0.01	399	1	1	1	0	1	0	0.000	0
885	882	72.34	1.83	2.2	81.26	128.2	0	0	404	1	1	1	0	1	0	0.000	0
886	883	72.42	2.03	2.2	84.87	141.24	0	0	511	1	1	1	0	1	0	0.000	0
887	884	72.51	2	2.1	91.51	144.26	0	0	542	1	1	1	0	1	0	0.000	0
888	885	72.59	1.97	2.1	95.37	162.77	0	0	554	0	1	1	0	1	0	0.000	0
889	886	72.67	1.9	2.1	98.65	160.07	0	0	540	0	1	1	0	1	0	0.000	0
890	887	72.75	1.96	2.1	98.6	159.44	0	0	570	1	1	1	0	1	0	0.000	0
891	888	72.83	2.03	2.1	97.28	165.17	0	0	598	0	1	1	0	1	0	0.000	0
892	889	72.92	2.07	2.1	94.79	156.45	0	0	602	1	1	1	0	1	0	0.000	0
893	890	73	2.01	2.1	91.1	148.19	0	0	545	1	1	1	0	1	0	0.000	0
894	891	73.08	1.96	2.1	89.1	143.78	0	0	507	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	1.86	2.1	87.17	144.3	0	0	451	1	1	1	0	1	0	0.000	0
896	893	73.24	1.63	2.1	86.56	133.99	0	0	362	1	1	1	0	1	0	0.000	0
897	894	73.33	1.43	2.1	85.59	131.6	0	0.01	296	1	1	1	0	1	0	0.000	0
898	895	73.41	1.24	2.0	85.6	129.19	0	0.03	248	1	1	1	0	1	0	0.000	0
899	896	73.49	1.21	2.0	83.18	124.86	0	0.04	233	1	1	1	0	1	0	0.000	0
900	897	73.57	1.37	2.1	76.25	119.84	0	0.04	244	1	1	1	0	1	0	0.000	0
901	898	73.65	1.72	2.2	63.64	105.34	0	0.05	272	1	1	1	0	1	0	0.000	0
902	899	73.74	2.1	2.3	53.54	77.92	0	0.11	309	1	1	1	0	1	0	0.000	0
903	900	73.82	1.99	2.4	48.02	79.41	0	0.1	242	1	1	1	0	1	0	0.000	0
904	901	73.9	1.64	2.3	45.79	76.6	0	0.11	164	1	1	1	0	1	0	0.000	0
905	902	73.98	1.28	2.3	41.73	62.08	0	0	103	1	1	1	0	1	0	0.000	0
906	903	74.06	1.47	2.4	33.73	55.37	0	0	89	1	1	1	0	1	0	0.000	0
907	904	74.15	1.91	2.6	25.2	43.58	0	0	80	1	1	1	0	1	0	0.000	0
908	905	74.23	2.75	2.8	16.85	28.61	0	0	58	1	0	1	1	1	0	0.000	0
909	906	74.31	4.03	3.0	11.39	16.73	0	0	-44	1	0	0	1	1	0	0.000	0
910	907	74.39	5.64	3.2	7.87	15.34	0	0	-657	1	0	0	1	1	0	0.000	0
911	908	74.47	6.64	3.4	6.54	11.12	0	0	-1782	1	0	0	1	1	0	0.000	0
912	909	74.56	8.03	3.5	5	10.33	0	0	-6005	1	0	0	1	1	0	0.000	0
913	910	74.64	5.75	3.3	6.78	8.01	0	0	-882	1	0	0	1	1	0	0.000	0
914	911	74.72	3.04	2.9	12.93	19.77	0	0	7	1	0	0	1	1	0	0.000	0
915	912	74.8	1.77	2.6	23.48	41.65	0	0	61	1	1	1	1	1	0	0.000	0
916	913	74.88	1.54	2.4	33.55	58.68	0	0	95	1	1	1	0	1	0	0.000	0
917	914	74.97	1.6	2.4	38.33	62.02	0	0	12	1	1	1	0	1	0	0.000	0
918	915	75.05	1.81	2.4	39.32	63.87	0	0.16	155	1	1	1	0	1	0	0.000	0
919	916	75.13	1.72	2.4	41.02	65.76	0	0.15	51	1	1	1	0	1	0	0.000	0
920	917	75.21	1.63	2.3	43.21	68.96	0	0.14	150	1	1	1	0	1	0	0.000	0
921	918	75.29	1.71	2.3	46.34	72.89	0	0.13	178	1	1	1	0	1	0	0.000	0
922	919	75.38	1.94	2.3	50.55	82.1	0	0.09	247	1	1	1	0	1	0	0.000	0
923	920	75.46	2.28	2.4	54.25	93.86	0	0	369	1	1	1	0	1	0	0.000	0
924	921	75.54	2.65	2.4	54.38	97.71	0	0	515	1	1	1	0	1	0	0.000	0
925	922	75.62	3.09	2.5	51.13	89.04	0	0	696	1	1	0	0	1	0	0.000	0
926	923	75.7	3.41	2.5	48.23	83.22	0	0	846	1	1	0	0	1	0	0.000	0
927	924	75.79	3.4	2.5	48.52	85.87	0	0	846	1	1	0	0	1	0	0.000	0
928	925	75.87	3.18	2.5	51.28	90.86	0	0	755	1	1	0	0	1	0	0.000	0
929	926	75.95	2.89	2.4	55.05	95.89	0	0	645	1	1	1	0	1	0	0.000	0
930	927	76.03	2.64	2.4	57.81	102.37	0	0	552	1	1	1	0	1	0	0.000	0
931	928	76.11	2.43	2.3	60.13	101.62	0	0	482	1	1	1	0	1	0	0.000	0
932	929	76.2	2.24	2.3	61.02	104.54	0	0	414	1	1	1	0	1	0	0.000	0
933	930	76.28	2.18	2.3	62.69	103.39	0	0	406	1	1	1	0	1	0	0.000	0
934	931	76.36	2.38	2.3	62.58	109.5	0	0	484	1	1	1	0	1	0	0.000	0
935	932	76.44	2.69	2.4	62.2	108.35	0	0	632	1	1	1	0	1	0	0.000	0
936	933	76.52	2.97	2.4	62.59	107.84	0	0	814	1	1	1	0	1	0	0.000	0
937	934	76.61	3.38	2.5	57.24	117.64	0	0	1033	1	1	0	0	1	0	0.000	0
938	935	76.69	3.79	2.5	52.02	85.97	0	0	1287	1	1	0	0	1	0	0.000	0
939	936	76.77	4.4	2.6	45.52	84.01	0	0	1772	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
940	937	76.85	4.36	2.6	44.75	85.47	0	0	1676	1	0	0	0	1	0	0.000	0
941	938	76.93	4.39	2.6	45.23	81.76	0	0.08	1742	1	0	0	0	1	0	0.000	0
942	939	77.02	4.35	2.6	45.46	87.25	0	0.06	1699	1	0	0	0	1	0	0.000	0
943	940	77.1	4.22	2.6	49.32	86.68	0	0.07	1708	1	1	0	0	1	0	0.000	0
944	941	77.18	4.02	2.5	53.88	103.23	0	0.03	1630	1	1	0	0	1	0	0.000	0
945	942	77.26	3.83	2.5	58.44	112.23	0	0.01	1547	1	1	0	0	1	0	0.000	0
946	943	77.34	3.71	2.5	58.85	111.04	0	0.01	1412	1	1	0	0	1	0	0.000	0
947	944	77.43	3.53	2.5	58.47	104.12	0	0.03	1204	1	1	0	0	1	0	0.000	0
948	945	77.51	3.21	2.4	58.78	107.58	0	0.02	924	1	1	0	0	1	0	0.000	0
949	946	77.59	3.18	2.4	59.45	108.47	0	0.02	914	1	1	0	0	1	0	0.000	0
950	947	77.67	3.28	2.4	59.97	107.78	0	0.02	1006	1	1	0	0	1	0	0.000	0
951	948	77.75	3.5	2.4	63.08	112.35	0	0	1292	1	1	0	0	1	0	0.000	0
952	949	77.84	3.41	2.4	68.12	130.6	0	0	1317	1	1	0	0	1	0	0.000	0
953	950	77.92	3.15	2.4	73.61	136.02	0	0	1159	1	1	0	0	1	0	0.000	0
954	951	78	2.81	2.3	76.03	139.95	0	0	898	1	1	1	0	1	0	0.000	0
955	952	78.08	2.53	2.3	78.05	136.98	0	0	724	1	1	1	0	1	0	0.000	0
956	953	78.17	2.46	2.3	78.76	140.62	0	0	688	1	1	1	0	1	0	0.000	0
957	954	78.25	2.5	2.3	79.61	141.95	0	0	722	1	1	1	0	1	0	0.000	0
958	955	78.33	2.48	2.3	79.92	143.23	0	0	713	1	1	1	0	1	0	0.000	0
959	956	78.41	2.36	2.2	81.6	141.99	0	0	656	1	1	1	0	1	0	0.000	0
960	957	78.49	2.19	2.2	84.37	147.86	0	0	586	1	1	1	0	1	0	0.000	0
961	958	78.58	2.22	2.2	87.81	154.14	0	0	631	1	1	1	0	1	0	0.000	0
962	959	78.66	2.1	2.2	93.79	161.74	0	0	61	0	1	1	0	1	0	0.000	0
963	960	78.74	2.16	2.2	93.32	178.65	0	0	642	0	1	1	0	1	0	0.000	0
964	961	78.82	2.27	2.2	89.8	153.95	0	0	678	1	1	1	0	1	0	0.000	0
965	962	78.9	2.57	2.3	83.78	147	0	0	816	1	1	1	0	1	0	0.000	0
966	963	78.99	2.58	2.2	86.04	153.53	0	0	849	1	1	1	0	1	0	0.000	0
967	964	79.07	2.56	2.2	90.23	170.01	0	0	882	0	1	1	0	1	0	0.000	0
968	965	79.15	2.63	2.2	92.7	172.13	0	0	968	0	1	1	0	1	0	0.000	0
969	966	79.23	2.65	2.2	91.23	171.24	0	0	967	0	1	1	0	1	0	0.000	0
970	967	79.31	2.56	2.2	86.67	161.92	0	0	842	0	1	1	0	1	0	0.000	0
971	968	79.4	2.34	2.2	80.91	141.88	0	0	638	1	1	1	0	1	0	0.000	0
972	969	79.48	2.29	2.3	71.84	130.95	0	0	530	1	1	1	0	1	0	0.000	0
973	970	79.56	2.32	2.3	64.93	108.66	0	0.03	481	1	1	1	0	1	0	0.000	0
974	971	79.64	2.27	2.3	57.29	104.33	0	0.04	393	1	1	1	0	1	0	0.000	0
975	972	79.72	2.19	2.3	53.57	88.03	0	0.08	335	1	1	1	0	1	0	0.000	0
976	973	79.81	2.01	2.3	51.34	87.32	0	0.08	269	1	1	1	0	1	0	0.000	0
977	974	79.89	1.93	2.3	54.49	88.96	0	0.08	270	1	1	1	0	1	0	0.000	0
978	975	79.97	1.74	2.2	60.29	102.61	0	0.05	259	1	1	1	0	1	0	0.000	0
979	976	80.05	1.78	2.2	66.04	113.19	0	0.03	301	1	1	1	0	1	0	0.000	0
980	977	80.13	1.97	2.2	70.69	119.85	0	0.01	389	1	1	1	0	1	0	0.000	0
981	978	80.22	2.31	2.3	73.12	134.02	0	0	551	1	1	1	0	1	0	0.000	0
982	979	80.3	2.52	2.3	75.1	137.24	0	0	686	1	1	1	0	1	0	0.000	0
983	980	80.38	2.48	2.3	76.64	137.86	0	0	678	1	1	1	0	1	0	0.000	0
984	981	80.46	2.35	2.2	77.08	142.38	0	0	608	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
985	982	80.54	2.16	2.2	77.84	135.76	0	0	519	1	1	1	0	1	0	0.000	0
986	983	80.63	2.01	2.2	78.11	136.24	0	0	455	1	1	1	0	1	0	0.000	0
987	984	80.71	1.68	2.1	80.95	137.62	0	0	350	1	1	1	0	1	0	0.000	0
988	985	80.79	1.4	2.1	81.93	137.67	0	0	274	1	1	1	0	1	0	0.000	0
989	986	80.87	1.29	2.1	81.66	127.31	0	0.03	246	1	1	1	0	1	0	0.000	0
990	987	80.95	1.45	2.1	77.82	130.86	0	0	270	1	1	1	0	1	0	0.000	0
991	988	81.04	1.89	2.2	73.06	127.13	0	0	376	1	1	1	0	1	0	0.000	0
992	989	81.12	2.08	2.2	70.06	120.18	0	0.01	425	1	1	1	0	1	0	0.000	0
993	990	81.2	2.03	2.2	69.76	122.25	0	0	404	1	1	1	0	1	0	0.000	0
994	991	81.28	1.74	2.2	70.89	123.96	0	0	316	1	1	1	0	1	0	0.000	0
995	992	81.36	1.58	2.2	69.92	117.25	0	0.03	268	1	1	1	0	1	0	0.000	0
996	993	81.45	1.62	2.2	67.01	111.72	0	0.04	264	1	1	1	0	1	0	0.000	0
997	994	81.53	1.64	2.2	65.02	109.82	0	0.04	259	1	1	1	0	1	0	0.000	0
998	995	81.61	1.67	2.2	63.65	107.89	0	0.05	259	1	1	1	0	1	0	0.000	0
999	996	81.69	1.68	2.2	63.54	105.82	0	0.05	261	1	1	1	0	1	0	0.000	0
1000	997	81.77	1.77	2.2	64.5	110.03	0	0.04	289	1	1	1	0	1	0	0.000	0
1001	998	81.86	1.83	2.2	66.19	116.04	0	0.02	316	1	1	1	0	1	0	0.000	0
1002	999	81.94	1.79	2.2	70.06	116.77	0	0.02	326	1	1	1	0	1	0	0.000	0
1003	1000	82.02	1.85	2.2	72.46	130.65	0	0	359	1	1	1	0	1	0	0.000	0
1004	1001	82.1	1.81	2.2	76.9	130.52	0	0	372	1	1	1	0	1	0	0.000	0
1005	1002	82.18	1.89	2.2	79.22	140.63	0	0	414	1	1	1	0	1	0	0.000	0
1006	1003	82.27	1.81	2.2	79.68	146.72	0	0	388	1	1	1	0	1	0	0.000	0
1007	1004	82.35	1.77	2.2	78.66	130.25	0	0	361	1	1	1	0	1	0	0.000	0
1008	1005	82.43	1.73	2.2	76.71	133.21	0	0	344	1	1	1	0	1	0	0.000	0
1009	1006	82.51	1.77	2.2	75.9	134.59	0	0	353	1	1	1	0	1	0	0.000	0
1010	1007	82.59	1.84	2.2	74.86	128.01	0	0	370	1	1	1	0	1	0	0.000	0
1011	1008	82.68	1.94	2.2	72.19	130.99	0	0	388	1	1	1	0	1	0	0.000	0
1012	1009	82.76	2.02	2.2	71.99	123.41	0	0	416	1	1	1	0	1	0	0.000	0
1013	1010	82.84	2.03	2.2	72.79	130.45	0	0	425	1	1	1	0	1	0	0.000	0
1014	1011	82.92	1.92	2.2	75.83	135.75	0	0	404	1	1	1	0	1	0	0.000	0
1015	1012	83	1.66	2.1	78.83	136.24	0	0	333	1	1	1	0	1	0	0.000	0
1016	1013	83.09	1.54	2.1	79.78	136.82	0	0	302	1	1	1	0	1	0	0.000	0
1017	1014	83.17	1.41	2.1	79.45	133.95	0	0	266	1	1	1	0	1	0	0.000	0
1018	1015	83.25	1.43	2.1	76.55	128.77	0	0.01	260	1	1	1	0	1	0	0.000	0
1019	1016	83.33	1.21	2.1	75.83	120.49	0	0.04	208	1	1	1	0	1	0	0.000	0
1020	1017	83.41	1.02	2.0	76.08	118.56	0	0.06	175	1	1	1	0	1	0	0.000	0
1021	1018	83.5	0.88	2.0	76.5	116.41	0	0.08	153	1	1	1	0	1	0	0.000	0
1022	1019	83.58	1.06	2.0	73.69	114.62	0	0.06	175	1	1	1	0	1	0	0.000	0
1023	1020	83.66	1.24	2.1	69.35	116.29	0	0.05	193	1	1	1	0	1	0	0.000	0
1024	1021	83.74	1.43	2.2	64.04	107.89	0	0.05	209	1	1	1	0	1	0	0.000	0
1025	1022	83.82	1.5	2.2	57.15	98.06	0	0.06	193	1	1	1	0	1	0	0.000	0
1026	1023	83.91	1.53	2.3	51.81	84.57	0	0.09	175	1	1	1	0	1	0	0.000	0
1027	1024	83.99	1.41	2.2	50.48	81.58	0	0.11	151	1	1	1	0	1	0	0.000	0
1028	1025	84.07	1.39	2.2	54.11	88.37	0	0.09	162	1	1	1	0	1	0	0.000	0
1029	1026	84.15	1.49	2.2	59.19	102.8	0	0.06	200	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1030	1027	84.23	1.67	2.2	61.95	111.08	0	0.03	251	1	1	1	0	1	0	0.000	0
1031	1028	84.32	1.84	2.3	59.94	108.58	0	0.04	281	1	1	1	0	1	0	0.000	0
1032	1029	84.4	2	2.3	55.57	97.77	0	0.06	296	1	1	1	0	1	0	0.000	0
1033	1030	84.48	2.06	2.3	52.37	91.91	0	0.07	289	1	1	1	0	1	0	0.000	0
1034	1031	84.56	1.98	2.3	52.2	92.55	0	0.07	268	1	1	1	0	1	0	0.000	0
1035	1032	84.64	1.75	2.3	53.82	95.15	0	0.06	226	1	1	1	0	1	0	0.000	0
1036	1033	84.73	1.5	2.2	56.25	94.97	0	0.07	189	1	1	1	0	1	0	0.000	0
1037	1034	84.81	1.3	2.2	59.52	97.77	0	0.07	169	1	1	1	0	1	0	0.000	0
1038	1035	84.89	1.15	2.1	63.42	104.16	0	0.07	158	1	1	1	0	1	0	0.000	0
1039	1036	84.97	1.15	2.1	65.13	108.32	0	0.06	164	1	1	1	0	1	0	0.000	0
1040	1037	85.05	1.22	2.1	65.84	105.91	0	0.06	177	1	1	1	0	1	0	0.000	0
1041	1038	85.14	1.28	2.1	65.76	110.99	0	0.05	187	1	1	1	0	1	0	0.000	0
1042	1039	85.22	1.19	2.1	67.02	110.04	0	0.06	176	1	1	1	0	1	0	0.000	0
1043	1040	85.3	1.21	2.1	66.48	109.49	0	0.06	178	1	1	1	0	1	0	0.000	0
1044	1041	85.38	1.29	2.1	66.26	109.06	0	0.05	191	1	1	1	0	1	0	0.000	0
1045	1042	85.46	1.54	2.2	64.36	113.84	0	0.03	233	1	1	1	0	1	0	0.000	0
1046	1043	85.55	1.77	2.2	60.05	110.4	0	0.03	264	1	1	1	0	1	0	0.000	0
1047	1044	85.63	2.11	2.3	54.77	95.22	0	0.06	321	1	1	1	0	1	0	0.000	0
1048	1045	85.71	2.46	2.4	51.77	94.08	0	0.06	408	1	1	1	0	1	0	0.000	0
1049	1046	85.79	2.47	2.4	52.98	101.07	0	0.05	424	1	1	1	0	1	0	0.000	0
1050	1047	85.87	2.46	2.4	54.7	103.27	0	0.04	438	1	1	1	0	1	0	0.000	0
1051	1048	85.96	2.33	2.4	54.87	104.02	0	0.04	392	1	1	1	0	1	0	0.000	0
1052	1049	86.04	2.19	2.3	57.48	99.28	0	0.05	367	1	1	1	0	1	0	0.000	0
1053	1050	86.12	2.13	2.3	58.41	115.63	0	0.01	355	1	1	1	0	1	0	0.000	0
1054	1051	86.2	2.05	2.3	62.72	107.56	0	0.04	361	1	1	1	0	1	0	0.000	0
1055	1052	86.28	2.22	2.3	61.49	122.81	0	0	411	1	1	1	0	1	0	0.000	0
1056	1053	86.37	2.21	2.3	62.35	112.51	0	0.02	414	1	1	1	0	1	0	0.000	0
1057	1054	86.45	2.23	2.3	60.38	113.22	0	0.02	405	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.97	2.3	61.7	111.14	0	0.03	329	1	1	1	0	1	0	0.000	0
1059	1056	86.61	1.71	2.2	61.99	113.18	0	0.03	260	1	1	1	0	1	0	0.000	0
1060	1057	86.7	1.51	2.2	60.48	106.69	0	0.05	210	1	1	1	0	1	0	0.000	0
1061	1058	86.78	1.5	2.2	57.37	96.41	0	0.07	194	1	1	1	0	1	0	0.000	0
1062	1059	86.86	1.5	2.2	54.42	95.82	0	0.07	181	1	1	1	0	1	0	0.000	0
1063	1060	86.94	1.45	2.2	52.31	91.42	0	0.08	164	1	1	1	0	1	0	0.000	0
1064	1061	87.02	1.37	2.2	50.09	84.35	0	0.1	144	1	1	1	0	1	0	0.000	0
1065	1062	87.11	1.33	2.2	47.82	82.12	0	0.1	130	1	1	1	0	1	0	0.000	0
1066	1063	87.19	1.36	2.3	45.86	78.97	0	0.11	127	1	1	1	0	1	0	0.000	0
1067	1064	87.27	1.14	2.2	44.8	74.93	0	0.13	99	1	1	1	0	1	0	0.000	0
1068	1065	87.35	0.93	2.2	43.97	71	0	0.16	79	1	1	1	1	1	0	0.000	0
1069	1066	87.43	0.76	2.1	43.34	68.03	0	0.18	66	1	1	1	1	1	0	0.000	0
1070	1067	87.52	1.06	2.2	41.64	67.27	0	0.16	83	1	1	1	0	1	0	0.000	0
1071	1068	87.6	1.48	2.4	37.1	72.41	0	0.12	104	1	1	1	0	1	0	0.000	0
1072	1069	87.68	1.8	2.4	34.95	56.08	0	0.19	128	1	1	1	0	1	0	0.000	0
1073	1070	87.76	1.96	2.5	31.05	62.75	0	0.15	123	1	1	1	0	1	0	0.000	0
1074	1071	87.84	1.77	2.5	30.25	53.87	0	0.2	99	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	1.56	2.5	27.24	50.04	0	0.23	67	1	1	1	1	1	0	0.000	0
1076	1073	88.01	1.41	2.5	25.1	44.94	0	0	50	1	1	1	1	1	0	0.000	0
1077	1074	88.09	1.45	2.5	22.88	41.6	0	0	43	1	1	1	1	1	0	0.000	0
1078	1075	88.17	1.56	2.6	21.13	39.54	0	0	40	1	1	1	1	1	0	0.000	0
1079	1076	88.25	1.78	2.6	20.01	37.49	0	0	42	1	0	1	1	1	0	0.000	0
1080	1077	88.34	2.02	2.7	19.75	37.51	0	0	51	1	0	1	1	1	0	0.000	0
1081	1078	88.42	2.18	2.7	20.12	38.17	0	0	62	1	0	1	1	1	0	0.000	0
1082	1079	88.5	2.43	2.7	20.31	39.85	0	0	79	1	0	1	1	1	0	0.000	0
1083	1080	88.58	2.86	2.7	19.93	38.83	0	0	110	1	0	1	0	1	0	0.000	0
1084	1081	88.66	3.59	2.8	18.51	36.1	0	0	166	1	0	0	0	1	0	0.000	0
1085	1082	88.75	4.43	2.9	16.39	31.72	0	0	214	1	0	0	0	1	0	0.000	0
1086	1083	88.83	5.38	3.1	13.42	26.61	0	0	107	1	0	0	0	1	0	0.000	0
1087	1084	88.91	6.58	3.2	10.34	19.22	0	0	-618	1	0	0	1	1	0	0.000	0
1088	1085	88.99	8.18	3.3	7.85	14.65	0	0	-4127	1	0	0	1	1	0	0.000	0
1089	1086	89.07	9.54	3.5	6.55	13.04	0	0	-13064	1	0	0	1	1	0	0.000	0
1090	1087	89.16	9.62	3.5	6.18	12.39	0	0	-14615	1	0	0	1	1	0	0.000	0
1091	1088	89.24	8.96	3.5	6.25	12.72	0	0	-9380	1	0	0	1	1	0	0.000	0
1092	1089	89.32	7.85	3.4	6.55	13.38	0	0	-4207	1	0	0	1	1	0	0.000	0
1093	1090	89.4	7.3	3.4	6.72	13.94	0	0	-2779	1	0	0	1	1	0	0.000	0
1094	1091	89.48	7.15	3.4	6.6	13.63	0	0	-2549	1	0	0	1	1	0	0.000	0
1095	1092	89.57	7.8	3.4	6.2	12.77	0	0	-4302	1	0	0	1	1	0	0.000	0
1096	1093	89.65	8.97	3.5	5.82	11.93	0	0	-10092	1	0	0	1	1	0	0.000	0
1097	1094	89.73	9.71	3.5	5.78	11.64	0	0	-16461	1	0	0	1	1	0	0.000	0
1098	1095	89.81	10.01	3.5	6.04	12.57	0	0	-19188	1	0	0	1	1	0	0.000	0
1099	1096	89.89	10.14	3.5	6.42	13.27	0	0	-19416	1	0	0	1	1	0	0.000	0
1100	1097	89.98	9.94	3.4	7.98	13.61	0	0	-12839	1	0	0	1	1	0	0.000	0
1101	1098	90.06	8.45	3.2	11.19	20.94	0	0	-1397	1	0	0	1	1	0	0.000	0
1102	1099	90.14	6.1	3.0	18.41	31.15	0	0	1186	1	0	0	0	1	0	0.000	0
1103	1100	90.22	4.55	2.8	27.36	56.59	0	0	900	1	0	0	0	1	0	0.000	0
1104	1101	90.3	3.86	2.6	36.95	78.27	0	0	844	1	0	0	0	1	0	0.000	0
1105	1102	90.39	3.78	2.6	43.34	96.6	0	0	996	1	1	0	0	1	0	0.000	0
1106	1103	90.47	3.76	2.5	47.42	98.1	0	0	1109	1	1	0	0	1	0	0.000	0
1107	1104	90.55	3.46	2.5	51.35	104.45	0	0	960	1	1	0	0	1	0	0.000	0
1108	1105	90.63	3.08	2.4	55.65	118.61	0	0	771	1	1	0	0	1	0	0.000	0
1109	1106	90.71	2.76	2.4	60.61	119.52	0	0	651	1	1	1	0	1	0	0.000	0
1110	1107	90.8	2.85	2.4	62.84	129.53	0	0	737	1	1	1	0	1	0	0.000	0
1111	1108	90.88	3.03	2.4	64.31	135.45	0	0	886	1	1	0	0	1	0	0.000	0
1112	1109	90.96	3.17	2.4	62.69	135.12	0	0	969	1	1	0	0	1	0	0.000	0
1113	1110	91.04	2.97	2.4	61.36	122.02	0	0	794	1	1	1	0	1	0	0.000	0
1114	1111	91.12	2.42	2.3	62.68	121.59	0	0	503	1	1	1	0	1	0	0.000	0
1115	1112	91.21	1.98	2.2	68.06	128.32	0	0	375	1	1	1	0	1	0	0.000	0
1116	1113	91.29	1.71	2.2	74.41	140.91	0	0	326	1	1	1	0	1	0	0.000	0
1117	1114	91.37	1.73	2.1	79.07	148.53	0	0	357	1	1	1	0	1	0	0.000	0
1118	1115	91.45	1.78	2.2	81.12	157.27	0	0	385	1	1	1	0	1	0	0.000	0
1119	1116	91.53	1.85	2.2	81.47	157.18	0	0	413	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1120	1117	91.62	1.91	2.2	80.8	155.1	0	0	432	1	1	1	0	1	0	0.000	0
1121	1118	91.7	1.96	2.2	80.25	156.96	0	0	449	1	1	1	0	1	0	0.000	0
1122	1119	91.78	1.96	2.2	80.94	156.44	0	0	453	1	1	1	0	1	0	0.000	0
1123	1120	91.86	1.88	2.2	81.67	160.12	0	0	426	0	1	1	0	1	0	0.000	0
1124	1121	91.94	1.72	2.1	83.53	157.05	0	0	377	1	1	1	0	1	0	0.000	0
1125	1122	92.03	1.65	2.1	84.48	159.89	0	0	358	1	1	1	0	1	0	0.000	0
1126	1123	92.11	1.6	2.1	85.47	160.87	0	0	347	0	1	1	0	1	0	0.000	0
1127	1124	92.19	1.66	2.1	84.92	160.88	0	0	364	0	1	1	0	1	0	0.000	0
1128	1125	92.27	1.61	2.1	86.06	158.97	0	0	353	1	1	1	0	1	0	0.000	0
1129	1126	92.35	1.56	2.1	88.18	165.79	0	0	346	0	1	1	0	1	0	0.000	0
1130	1127	92.44	1.51	2.1	90.5	169.81	0	0	341	0	1	1	0	1	0	0.000	0
1131	1128	92.52	1.58	2.1	91.24	170.73	0	0	367	0	1	1	0	1	0	0.000	0
1132	1129	92.6	1.77	2.1	85.58	177.38	0	0	406	0	1	1	0	1	0	0.000	0
1133	1130	92.68	1.95	2.2	79.28	147.2	0	0	438	1	1	1	0	1	0	0.000	0
1134	1131	92.76	2.09	2.2	72.35	141.78	0	0	446	1	1	1	0	1	0	0.000	0
1135	1132	92.85	2.03	2.2	71.56	138.32	0	0	417	1	1	1	0	1	0	0.000	0
1136	1133	92.93	1.96	2.2	72.25	141.19	0	0	396	1	1	1	0	1	0	0.000	0
1137	1134	93.01	1.89	2.2	72.63	143.34	0	0	373	1	1	1	0	1	0	0.000	0
1138	1135	93.09	1.84	2.2	72.69	137.54	0	0	357	1	1	1	0	1	0	0.000	0
1139	1136	93.17	1.74	2.2	72.66	139.2	0	0	325	1	1	1	0	1	0	0.000	0
1140	1137	93.26	1.87	2.2	71.64	139.78	0	0	361	1	1	1	0	1	0	0.000	0
1141	1138	93.34	1.94	2.2	72.1	136.84	0	0	337	1	1	1	0	1	0	0.000	0
1142	1139	93.42	2.03	2.2	73.33	145.98	0	0	421	1	1	1	0	1	0	0.000	0
1143	1140	93.5	1.98	2.2	76.93	152.2	0	0	434	1	1	1	0	1	0	0.000	0
1144	1141	93.58	2.13	2.2	76.74	160.24	0	0	496	0	1	1	0	1	0	0.000	0
1145	1142	93.67	2.34	2.3	75.93	152.32	0	0	592	1	1	1	0	1	0	0.000	0
1146	1143	93.75	2.53	2.3	74.45	156.67	0	0	685	1	1	1	0	1	0	0.000	0
1147	1144	93.83	2.55	2.3	75.73	157.86	0	0	711	1	1	1	0	1	0	0.000	0
1148	1145	93.91	2.55	2.3	76.25	163.24	0	0	717	0	1	1	0	1	0	0.000	0
1149	1146	93.99	2.6	2.3	76.36	161.01	0	0	751	0	1	1	0	1	0	0.000	0
1150	1147	94.08	2.66	2.3	76.25	160.99	0	0	790	0	1	1	0	1	0	0.000	0
1151	1148	94.16	2.55	2.3	77.5	164.81	0	0	731	0	1	1	0	1	0	0.000	0
1152	1149	94.24	2.24	2.2	80.53	165.55	0	0	580	0	1	1	0	1	0	0.000	0
1153	1150	94.32	2.09	2.2	81	169.6	0	0	510	0	1	1	0	1	0	0.000	0
1154	1151	94.41	1.78	2.1	82.55	158.67	0	0	393	1	1	1	0	1	0	0.000	0
1155	1152	94.49	1.51	2.1	83.99	158.32	0	0	312	1	1	1	0	1	0	0.000	0
1156	1153	94.57	1.18	2.0	87.26	156.44	0	0	239	1	1	1	0	1	0	0.000	0
1157	1154	94.65	1.2	2.0	85.3	152.93	0	0	237	1	1	1	0	1	0	0.000	0
1158	1155	94.73	1.28	2.1	81.09	146.29	0	0	241	1	1	1	0	1	0	0.000	0
1159	1156	94.82	1.31	2.1	77.07	139.71	0	0	234	1	1	1	0	1	0	0.000	0
1160	1157	94.9	1.28	2.1	74.04	133.41	0	0	216	1	1	1	0	1	0	0.000	0
1161	1158	94.98	1.4	2.1	70.26	129.44	0	0	228	1	1	1	0	1	0	0.000	0
1162	1159	95.06	1.44	2.1	67.53	124.88	0	0.01	225	1	1	1	0	1	0	0.000	0
1163	1160	95.14	1.59	2.2	64.93	121.92	0	0.01	247	1	1	1	0	1	0	0.000	0
1164	1161	95.23	1.82	2.2	62.84	122.26	0	0	293	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1165	1162	95.31	2.12	2.3	62.82	122.63	0	0	385	1	1	1	0	1	0	0.000	0
1166	1163	95.39	2.22	2.3	65.54	133.66	0	0	444	1	1	1	0	1	0	0.000	0
1167	1164	95.47	2.21	2.3	69.83	144.57	0	0	476	1	1	1	0	1	0	0.000	0
1168	1165	95.55	2.24	2.2	73.38	151.95	0	0	519	1	1	1	0	1	0	0.000	0
1169	1166	95.64	2.31	2.3	74.89	159.97	0	0	567	1	1	1	0	1	0	0.000	0
1170	1167	95.72	2.3	2.3	74.82	158.97	0	0	561	1	1	1	0	1	0	0.000	0
1171	1168	95.8	2.25	2.3	72.38	151.42	0	0	515	1	1	1	0	1	0	0.000	0
1172	1169	95.88	2.11	2.2	69.62	140.77	0	0	433	1	1	1	0	1	0	0.000	0
1173	1170	95.96	1.92	2.2	67.58	133.73	0	0	352	1	1	1	0	1	0	0.000	0
1174	1171	96.05	1.66	2.2	66.66	129.34	0	0	272	1	1	1	0	1	0	0.000	0
1175	1172	96.13	1.46	2.2	65.31	123.37	0	0.01	220	1	1	1	0	1	0	0.000	0
1176	1173	96.21	1.4	2.2	62.46	116.29	0	0	197	1	1	1	0	1	0	0.000	0
1177	1174	96.29	1.51	2.2	57.56	110.04	0	0	197	1	1	1	0	1	0	0.000	0
1178	1175	96.37	1.75	2.3	51.94	100.02	0	0	215	1	1	1	0	1	0	0.000	0
1179	1176	96.46	2.04	2.4	47.1	92.37	0	0	246	1	1	1	0	1	0	0.000	0
1180	1177	96.54	2.4	2.4	42.78	89.71	0	0	298	1	1	1	0	1	0	0.000	0
1181	1178	96.62	2.75	2.5	40.38	82.02	0	0	374	1	1	1	0	1	0	0.000	0
1182	1179	96.7	3.02	2.5	38.95	83.64	0	0	449	1	1	0	0	1	0	0.000	0
1183	1180	96.78	3.06	2.5	39.92	84.75	0	0.07	481	1	1	0	0	1	0	0.000	0
1184	1181	96.87	2.95	2.5	40.68	89.23	0	0.06	450	1	1	1	0	1	0	0.000	0
1185	1182	96.95	2.84	2.5	41.2	87.27	0	0.07	416	1	1	1	0	1	0	0.000	0
1186	1183	97.03	2.79	2.5	40.53	86.6	0	0.07	389	1	1	1	0	1	0	0.000	0
1187	1184	97.11	2.81	2.5	39.05	84.22	0	0.07	37[illegible]	1	1	1	0	1	0	0.000	0
1188	1185	97.19	2.88	2.5	36.8	78.33	0	0.09	365	1	1	1	0	1	0	0.000	0
1189	1186	97.28	3.36	2.6	32.45	73.6	0	0	53	1	0	0	0	1	0	0.000	0
1190	1187	97.36	4.23	2.7	27.72	56.48	0	0	712	1	0	0	0	1	0	0.000	0
1191	1188	97.44	5.6	2.9	23.09	44.96	0	0	1457	1	0	0	0	1	0	0.000	0
1192	1189	97.52	6.25	2.9	22.6	41.28	0	0	2267	1	0	0	0	1	0	0.000	0
1193	1190	97.6	5.86	2.9	24.6	53.31	0	0	2029	1	0	0	0	1	0	0.000	0
1194	1191	97.69	4.84	2.8	28.08	58.67	0	0	1188	1	0	0	0	1	0	0.000	0
1195	1192	97.77	3.84	2.7	30.24	65.33	0	0	602	1	0	0	0	1	0	0.000	0
1196	1193	97.85	3.3	2.6	32.02	68.7	0	0	421	1	0	0	0	1	0	0.000	0
1197	1194	97.93	3.05	2.6	33.76	71.55	0	0	370	1	1	0	0	1	0	0.000	0
1198	1195	98.01	2.84	2.6	35.53	78.25	0	0	334	1	1	1	0	1	0	0.000	0
1199	1196	98.1	2.57	2.5	38.4	79.41	0	0	297	1	1	1	0	1	0	0.000	0
1200	1197	98.18	2.2	2.4	41.21	85.73	0	0	236	1	1	1	0	1	0	0.000	0
1201	1198	98.26	2	2.4	45.21	89.43	0	0	225	1	1	1	0	1	0	0.000	0
1202	1199	98.34	2.04	2.4	46.68	99.73	0	0	243	1	1	1	0	1	0	0.000	0
1203	1200	98.42	2.64	2.5	41.16	96.52	0	0	349	1	1	1	0	1	0	0.000	0
1204	1201	98.51	3.71	2.6	33.73	67.87	0	0	647	1	0	0	0	1	0	0.000	0
1205	1202	98.59	4.75	2.8	27.13	56.64	0	0	1039	1	0	0	0	1	0	0.000	0
1206	1203	98.67	5.5	2.9	22.2	47.4	0	0	1237	1	0	0	0	1	0	0.000	0
1207	1204	98.75	6.48	3.0	16.73	34.22	0	0	1125	1	0	0	0	1	0	0.000	0
1208	1205	98.83	8.25	3.2	12.23	21.5	0	0	-251	1	0	0	1	1	0	0.000	0
1209	1206	98.92	7.35	3.2	12.3	19.22	0	0	-100	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	3.91	2.9	18.61	34.57	0	0	220	1	0	0	0	1	0	0.000	0
1211	1208	99.08	2	2.5	28.24	62.21	0	0	108	1	1	1	0	1	0	0.000	0
1212	1209	99.16	1.25	2.3	40.67	79.52	0	0	96	1	1	1	0	1	0	0.000	0
1213	1210	99.24	1.02	2.2	47.1	87.82	0	0	95	1	1	1	0	1	0	0.000	0
1214	1211	99.33	1.01	2.2	48.64	88.18	0	0.1	98	1	1	1	0	1	0	0.000	0
1215	1212	99.41	1.05	2.2	48.15	86.32	0	0.1	101	1	1	1	0	1	0	0.000	0
1216	1213	99.49	1.17	2.2	47.82	86.96	0	0.09	112	1	1	1	0	1	0	0.000	0
1217	1214	99.57	1.23	2.2	50.06	91.33	0	0.08	126	1	1	1	0	1	0	0.000	0
1218	1215	99.65	1.24	2.2	53.5	101.82	0	0.06	139	1	1	1	0	1	0	0.000	0
1219	1216	99.74	1.22	2.2	57.15	106.39	0	0.05	148	1	1	1	0	1	0	0.000	0
1220	1217	99.82	1.42	2.2	57.45	112.1	0	0.03	180	1	1	1	0	1	0	0.000	0
1221	1218	99.9	1.63	2.2	56.97	112.9	0	0.03	217	1	1	1	0	1	0	0.000	0
1222	1219	99.98	1.75	2.3	56.06	113.03	0	0.02	238	1	1	1	0	1	0	0.000	0
1223	1220	100.06	1.61	2.2	56.41	111.26	0	0.03	211	1	1	1	0	1	0	0.000	0
1224	1221	100.15	1.41	2.2	57.37	109.99	0	0.04	178	1	1	1	0	1	0	0.000	0
1225	1222	100.23	0.89	2.1	61.27	107.27	0	0.07	118	1	1	1	0	1	0	0.000	0
1226	1223	100.31	0.41	1.8	66.51	93.18	0	0.29	82	1	1	1	0	1	0	0.000	0
1227	1224	100.39	0	4.1	46.46	109.32	0	0	34	1	0	1	1	1	0	0.000	0
1228	1225	100.47	0	4.1	45.6	108.3	0	0	33	1	0	1	1	1	0	0.000	0
1229	1226	100.56	0	4.1	45.39	107.48	0	0	33	1	0	1	1	1	0	0.000	0

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Merarhias 56
http://www.geologismiki.gr

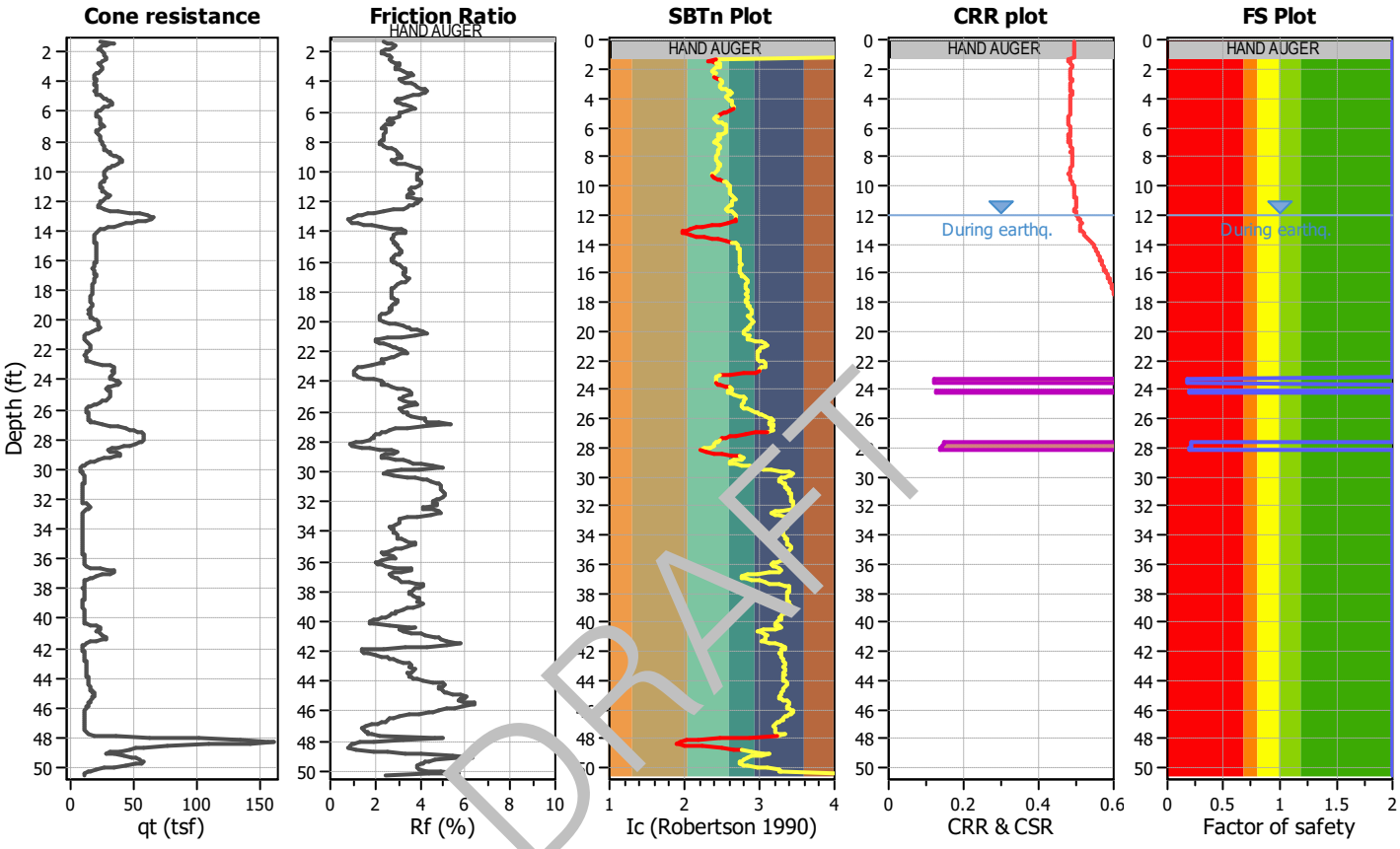
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-23

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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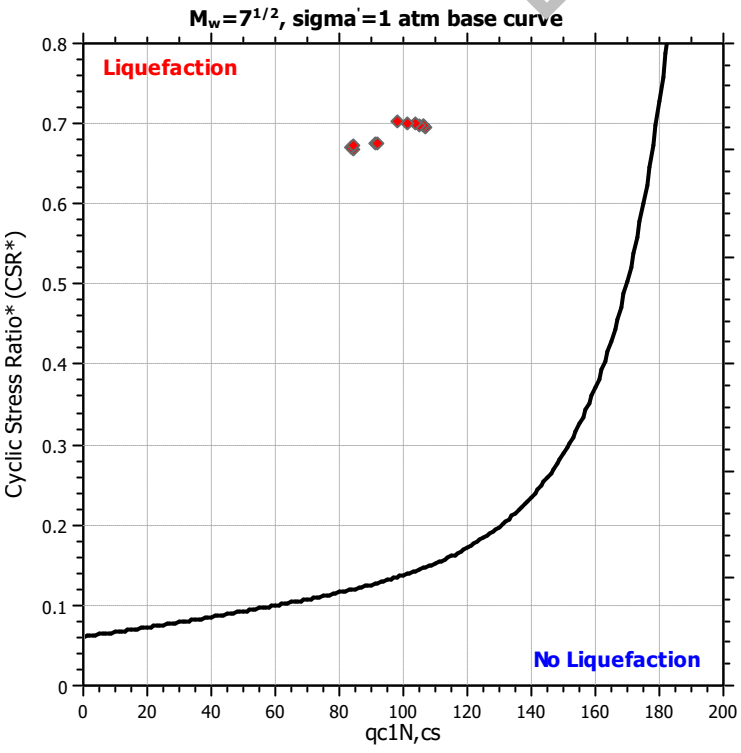
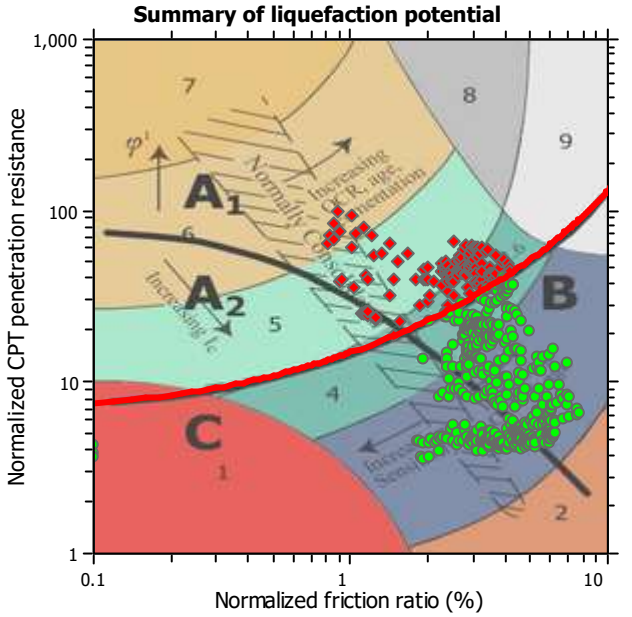
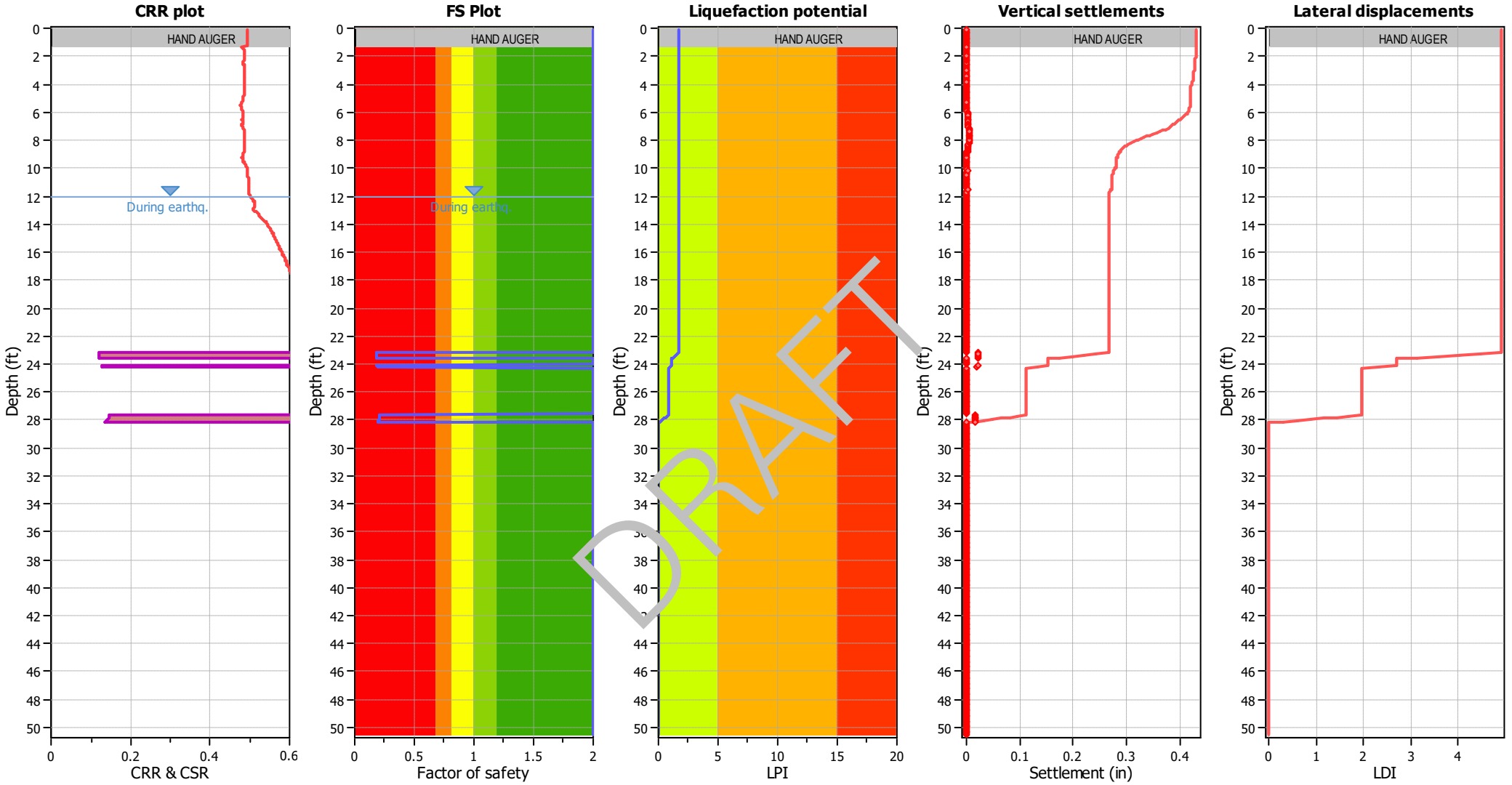




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-23, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.280	0.12
19	16	1.31	2.39	2.4	45.75	59.93	0	0	324	1	1	1	0	1	0	0.280	0.12
20	17	1.39	2.51	2.3	66.08	57.05	0	0	582	1	1	1	0	1	0	0.280	0.12
21	18	1.48	2.73	2.4	59.81	51.86	0	0	624	1	1	1	0	1	0	0.280	0.12
22	19	1.56	2.89	2.4	53.15	44.03	0	0	616	1	1	1	0	1	0	0.280	0.12
23	20	1.64	2.92	2.5	46.97	40.13	0	0	536	1	1	1	0	1	0	0.280	0.12
24	21	1.72	2.8	2.5	43.54	36.13	0	0	435	1	1	1	0	1	0	0.280	0.12
25	22	1.8	2.62	2.5	42.34	35.22	0	0	357	1	1	1	0	1	0	0.280	0.12
26	23	1.89	2.43	2.4	43.99	36.97	0	0	318	1	1	1	0	1	0	0.280	0.12
27	24	1.97	2.28	2.4	47.08	40.22	0	0	306	1	1	1	0	1	0	0.280	0.12
28	25	2.05	2.26	2.4	49.29	43.09	0	0	320	1	1	1	0	1	0	0.280	0.12
29	26	2.13	2.35	2.4	50.05	42.7	0	0	354	1	1	1	0	1	0	0.280	0.12
30	27	2.21	2.54	2.4	50.01	42.32	0	0	418	1	1	1	0	1	0	0.280	0.12
31	28	2.3	2.66	2.4	51.16	43.1	0	0	479	1	1	1	0	1	0	0.280	0.12
32	29	2.38	2.7	2.4	53.04	45.71	0	0	520	1	1	1	0	1	0	0.280	0.12
33	30	2.46	2.67	2.4	54.28	47.09	0	0	522	1	1	1	0	1	0	0.280	0.12
34	31	2.54	2.67	2.4	52.53	46.19	0	0	501	1	1	1	0	1	0	0.280	0.12
35	32	2.62	2.77	2.4	48.44	41.21	0	0	491	1	1	1	0	1	0	0.280	0.12
36	33	2.71	2.93	2.5	44.26	36.74	0	0	498	1	1	1	0	1	0	0.280	0.12
37	34	2.79	3.06	2.5	42.5	35.61	0	0	527	1	1	0	0	1	0	0.280	0.12
38	35	2.87	3.06	2.5	42.69	36.58	0	0	530	1	1	0	0	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.98	2.5	44.26	37.1	0	0	520	1	1	1	0	1	0	0.280	0.12
40	37	3.03	2.93	2.5	45.98	39.51	0	0	525	1	1	1	0	1	0	0.280	0.12
41	38	3.12	2.93	2.5	47.5	41.06	0	0	549	1	1	1	0	1	0	0.280	0.12
42	39	3.2	3.05	2.5	46.84	41	0	0	598	1	1	0	0	1	0	0.280	0.12
43	40	3.28	3.24	2.5	44.61	37.87	0	0	658	1	1	0	0	1	0	0.280	0.12
44	41	3.36	3.46	2.6	41.37	35.45	0	0	713	1	1	0	0	1	0	0.280	0.12
45	42	3.44	3.6	2.6	38.63	32.87	0	0	726	1	1	0	0	1	0	0.280	0.12
46	43	3.53	3.7	2.6	36.15	30.98	0	0	715	1	0	0	0	1	0	0.280	0.12
47	44	3.61	3.65	2.6	34.93	29.16	0	0	650	1	0	0	0	1	0	0.280	0.12
48	45	3.69	3.44	2.6	34.95	29.77	0	0	545	1	0	0	0	1	0	0.280	0.12
49	46	3.77	3.23	2.6	35.91	31.04	0	0	476	1	1	0	0	1	0	0.280	0.12
50	47	3.85	3.13	2.6	36.83	31.58	0	0	454	1	1	0	0	1	0	0.280	0.12
51	48	3.94	3.2	2.6	37.42	32.12	0	0	493	1	1	0	0	1	0	0.280	0.12
52	49	4.02	3.39	2.6	37.32	32.59	0	0	578	1	1	0	0	1	0	0.280	0.12
53	50	4.1	3.64	2.6	36.51	31.46	0	0	690	1	0	0	0	1	0	0.280	0.12
54	51	4.18	3.84	2.6	36.19	30.2	0	0	804	1	0	0	0	1	0	0.280	0.12
55	52	4.26	3.86	2.6	37.44	31.89	0	0	861	1	0	0	0	1	0	0.280	0.12
56	53	4.35	3.94	2.6	38.21	34.69	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
57	54	4.43	4.07	2.6	38.15	32.18	0	0	1[illegible]52	1	0	0	0	1	0	0.280	0.12
58	55	4.51	4.29	2.7	37.04	31.74	0	0	12[illegible]5	1	0	0	0	1	0	0.280	0.12
59	56	4.59	4.32	2.7	36.69	31.88	0	0	1217	1	0	0	0	1	0	0.280	0.12
60	57	4.68	4.3	2.7	36.47	31.34	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
61	58	4.76	4.19	2.7	37.02	31.21	0	0	1110	1	0	0	0	1	0	0.280	0.12
62	59	4.84	3.96	2.6	39.43	33.3	0	0	1009	1	0	0	0	1	0	0.280	0.12
63	60	4.92	3.69	2.6	43.25	37.49	0	0	921	1	1	0	0	1	0	0.280	0.12
64	61	5	3.44	2.5	46.65	40.89	0	0	829	1	1	0	0	1	0	0.280	0.12
65	62	5.09	3.23	2.5	49.28	41.83	0	0	747	1	1	0	0	1	0	0.280	0.12
66	63	5.17	3.01	2.4	52.26	44.03	0	0	669	1	1	0	0	1	0	0.280	0.12
67	64	5.25	2.91	2.4	55.64	48.4	0	0	665	1	1	1	0	1	0	0.280	0.12
68	65	5.33	2.98	2.4	58.96	50.48	0	0	761	1	1	1	0	1	0	0.280	0.12
69	66	5.41	3.12	2.4	61.1	52.57	0	0	899	1	1	0	0	1	0	0.280	0.12
70	67	5.5	3.24	2.4	61.37	53.92	0	0	1001	1	1	0	0	1	0	0.280	0.12
71	68	5.58	3.41	2.4	59.08	51.3	0	0	1103	1	1	0	0	1	0	0.280	0.12
72	69	5.66	3.67	2.5	54.66	46.87	0	0	1242	1	1	0	0	1	0	0.280	0.12
73	70	5.74	3.86	2.5	50.38	42.78	0	0	1307	1	1	0	0	1	0	0.280	0.12
74	71	5.82	3.78	2.6	46.17	40.48	0	0	1087	1	1	0	0	1	0	0.280	0.12
75	72	5.91	3.49	2.6	42.96	36.19	0	0	772	1	1	0	0	1	0	0.280	0.12
76	73	5.99	3.22	2.5	40.08	34.61	0	0	556	1	1	0	0	1	0	0.280	0.12
77	74	6.07	3.09	2.5	38.78	33.1	0	0	474	1	1	0	0	1	0	0.280	0.12
78	75	6.15	3.1	2.6	37.54	32.62	0	0	455	1	1	0	0	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	3.11	2.6	37.77	31.37	0	0	463	1	1	0	0	1	0	0.280	0.12
80	77	6.32	3.08	2.5	38.82	33.63	0	0	470	1	1	0	0	1	0	0.280	0.12
81	78	6.4	2.83	2.5	42.2	35.53	0	0	427	1	1	1	0	1	0	0.280	0.12
82	79	6.48	2.65	2.5	44.17	39.37	0	0	389	1	1	1	0	1	0	0.280	0.12
83	80	6.56	2.62	2.5	44.58	37.94	0	0	384	1	1	1	0	1	0	0.280	0.12
84	81	6.64	2.72	2.5	43.56	35.82	0	0	406	1	1	1	0	1	0	0.280	0.12
85	82	6.73	2.82	2.5	42.79	36.4	0	0	432	1	1	1	0	1	0	0.280	0.12
86	83	6.81	2.72	2.5	44.72	35.65	0	0	421	1	1	1	0	1	0	0.280	0.12
87	84	6.89	2.54	2.4	47.09	39.72	0	0	386	1	1	1	0	1	0	0.280	0.12
88	85	6.97	2.4	2.4	48.31	41.19	0	0	353	1	1	1	0	1	0	0.280	0.12
89	86	7.05	2.35	2.4	46.8	37.87	0	0	323	1	1	1	0	1	0	0.280	0.12
90	87	7.14	2.46	2.4	43.02	35.74	0	0	317	1	1	1	0	1	0	0.280	0.12
91	88	7.22	2.51	2.5	40.31	32.17	0	0	302	1	1	1	0	1	0	0.280	0.12
92	89	7.3	2.52	2.5	38.44	31.07	0	0	284	1	1	1	0	1	0	0.280	0.12
93	90	7.38	2.47	2.5	38.42	30.86	0	0	272	1	1	1	0	1	0	0.280	0.12
94	91	7.46	2.45	2.5	39.27	31.44	0	0	276	1	1	1	0	1	0	0.280	0.12
95	92	7.55	2.4	2.5	40.98	32.39	0	0	280	1	1	1	0	1	0	0.280	0.12
96	93	7.63	2.39	2.4	42.24	34.04	0	0	[illegible]	1	1	1	0	1	0	0.280	0.12
97	94	7.71	2.39	2.4	42.84	33.77	0	0	296	1	1	1	0	1	0	0.280	0.12
98	95	7.79	2.45	2.4	42.67	33.87	0	0	3[illegible]	1	1	1	0	1	0	0.280	0.12
99	96	7.87	2.42	2.4	42.72	33.74	0	0	30[illegible]	1	1	1	0	1	0	0.280	0.12
100	97	7.96	2.33	2.4	43.12	34.2	0	0	[illegible]83	1	1	1	0	1	0	0.280	0.12
101	98	8.04	2.26	2.4	43.76	35.3	0	0	272	1	1	1	0	1	0	0.280	0.12
102	99	8.12	2.26	2.4	44.26	35.67	0	0	276	1	1	1	0	1	0	0.280	0.12
103	100	8.2	2.34	2.4	44.64	35.46	0	0	300	1	1	1	0	1	0	0.280	0.12
104	101	8.28	2.45	2.4	45.14	36.12	0	0	336	1	1	1	0	1	0	0.280	0.12
105	102	8.37	2.6	2.4	45.78	36.8	0	0	391	1	1	1	0	1	0	0.280	0.12
106	103	8.45	2.78	2.5	46.32	36.91	0	0	466	1	1	1	0	1	0	0.280	0.12
107	104	8.53	2.93	2.5	46.77	37.19	0	0	538	1	1	1	0	1	0	0.280	0.12
108	105	8.61	2.98	2.5	48.08	37.81	0	0	583	1	1	1	0	1	0	0.280	0.12
109	106	8.69	3	2.5	49.58	40.37	0	0	618	1	1	0	0	1	0	0.280	0.12
110	107	8.78	3.04	2.5	51.6	41.24	0	0	675	1	1	0	0	1	0	0.280	0.12
111	108	8.86	3.13	2.5	53.34	43.08	0	0	762	1	1	0	0	1	0	0.280	0.12
112	109	8.94	3.16	2.4	55.86	44.78	0	0	830	1	1	0	0	1	0	0.280	0.12
113	110	9.02	3.16	2.4	59.02	47.65	0	0	890	1	1	0	0	1	0	0.280	0.12
114	111	9.1	3.06	2.4	61.75	51.1	0	0	865	1	1	0	0	1	0	0.280	0.12
115	112	9.19	2.94	2.4	63.14	52.23	0	0	802	1	1	1	0	1	0	0.280	0.12
116	113	9.27	2.79	2.4	63.04	52.01	0	0	702	1	1	1	0	1	0	0.280	0.12
117	114	9.35	2.81	2.4	62.52	51.93	0	0	707	1	1	1	0	1	0	0.280	0.12
118	115	9.43	2.99	2.4	61	51.27	0	0	802	1	1	1	0	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	3.35	2.4	58.45	47.79	0	0	1034	1	1	0	0	1	0	0.280	0.12
120	117	9.6	3.69	2.5	55.03	44.71	0	0	1274	1	1	0	0	1	0	0.280	0.12
121	118	9.68	3.93	2.5	51.79	42.17	0	0	1437	1	1	0	0	1	0	0.280	0.12
122	119	9.76	4.06	2.6	48.89	39.66	0	0	1481	1	1	0	0	1	0	0.280	0.12
123	120	9.84	4.13	2.6	46.16	37.67	0	0	1451	1	1	0	0	1	0	0.280	0.12
124	121	9.92	4.14	2.6	44.07	35.7	0	0	1372	1	1	0	0	1	0	0.280	0.12
125	122	10.01	4.09	2.6	42.5	34.79	0	0	1251	1	0	0	0	1	0	0.280	0.12
126	123	10.09	4	2.6	41.37	34.11	0	0	1118	1	0	0	0	1	0	0.280	0.12
127	124	10.17	3.92	2.6	40.67	33.4	0	0	1022	1	0	0	0	1	0	0.280	0.12
128	125	10.25	3.93	2.6	40.44	33.49	0	0	1022	1	0	0	0	1	0	0.280	0.12
129	126	10.33	3.97	2.6	40.85	33.79	0	0	1072	1	0	0	0	1	0	0.280	0.12
130	127	10.42	3.99	2.6	41.38	34.57	0	0	1110	1	0	0	0	1	0	0.280	0.12
131	128	10.5	3.98	2.6	41.21	35	0	0	1094	1	0	0	0	1	0	0.280	0.12
132	129	10.58	4.03	2.6	40.02	33.69	0	0	1093	1	0	0	0	1	0	0.280	0.12
133	130	10.66	4.11	2.6	38.29	31.84	0	0	1093	1	0	0	0	1	0	0.280	0.12
134	131	10.74	4.18	2.7	36.39	30.86	0	0	1073	1	0	0	0	1	0	0.280	0.12
135	132	10.83	4.17	2.7	34.61	29.03	0	0	985	1	0	0	0	1	0	0.280	0.12
136	133	10.91	4.07	2.7	33.3	27.57	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
137	134	10.99	3.91	2.7	33.06	27.92	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
138	135	11.07	3.73	2.6	33.7	28.86	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
139	136	11.15	3.6	2.6	34.67	29.62	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
140	137	11.24	3.64	2.6	35.01	30.72	0	0	[illegible]	1	0	0	0	1	0	0.280	0.12
141	138	11.32	3.68	2.6	35.81	29.9	0	0	693	1	0	0	0	1	0	0.280	0.12
142	139	11.4	3.74	2.6	37.04	31.85	0	0	767	1	0	0	0	1	0	0.280	0.12
143	140	11.48	3.63	2.6	39.68	34.08	0	0	775	1	1	0	0	1	0	0.280	0.12
144	141	11.56	3.52	2.6	42.16	37.15	0	0	771	1	1	0	0	1	0	0.280	0.12
145	142	11.65	3.51	2.6	42.87	38.7	0	0	782	1	1	0	0	1	0	0.280	0.12
146	143	11.73	3.67	2.6	40.98	36.25	0	0	839	1	1	0	0	1	0	0.280	0.12
147	144	11.81	3.93	2.6	37.73	32.28	0	0	923	1	0	0	0	1	0	0.280	0.12
148	145	11.89	4.1	2.7	34.86	30.2	0	0	940	1	0	0	0	1	0	0.280	0.12
149	146	11.97	4.09	2.7	33.21	28.72	0	0	864	1	0	0	0	1	0	0.280	0.12
150	147	12.06	4	2.7	31.85	28.1	0	0	750	1	0	0	0	1	0	0.280	0.12
151	148	12.14	3.89	2.7	30.82	26.85	0	0	648	1	0	0	0	1	0	0.280	0.12
152	149	12.22	3.76	2.7	29.86	26.29	0	0	551	1	0	0	0	1	0	0.280	0.12
153	150	12.3	3.64	2.7	29.03	25.82	0	0	475	1	0	0	0	1	0	0.280	0.12
154	151	12.38	3.57	2.7	28.6	24.93	0	0	436	1	0	0	0	1	0	0.280	0.12
155	152	12.47	3.34	2.7	29.63	25.3	0	0	382	1	0	0	0	1	0	0.280	0.12
156	153	12.55	2.9	2.6	33.09	28.82	0	0	315	1	1	1	0	1	0	0.280	0.12
157	154	12.63	2.4	2.5	38.62	34.72	0	0	257	1	1	1	0	1	0	0.280	0.12
158	155	12.71	1.99	2.4	46.18	41.24	0	0	229	1	1	1	0	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	1.66	2.3	55.73	50.8	0	0	217	1	1	1	0	1	0	0.280	0.12
160	157	12.88	1.41	2.2	64.69	62.52	0	0	208	1	1	1	0	1	0	0.280	0.12
161	158	12.96	1.21	2.1	71.36	67.85	0	0	194	1	1	1	0	1	0	0.280	0.12
162	159	13.04	1.04	2.0	74.43	71.36	0	0	173	1	1	1	0	1	0	0.280	0.12
163	160	13.12	0.9	2.0	74.92	73.21	0	0	153	1	1	1	0	1	0	0.280	0.12
164	161	13.21	0.83	2.0	72.74	71.06	0	0	138	1	1	1	0	1	0	0.280	0.12
165	162	13.29	0.86	2.0	67.78	66.06	0	0	130	1	1	1	0	1	0	0.280	0.12
166	163	13.37	1	2.1	61.53	58.63	0	0	132	1	1	1	0	1	0	0.280	0.12
167	164	13.45	1.23	2.2	55.42	51.99	0	0	144	1	1	1	0	1	0	0.280	0.12
168	165	13.53	1.53	2.3	50	47.45	0	0	167	1	1	1	0	1	0	0.280	0.12
169	166	13.62	1.92	2.4	45.11	42.24	0	0	208	1	1	1	0	1	0	0.280	0.12
170	167	13.7	2.37	2.5	40.23	37.47	0	0	266	1	1	1	0	1	0	0.280	0.12
171	168	13.78	2.83	2.6	35.32	33.25	0	0	328	1	1	1	0	1	0	0.280	0.12
172	169	13.86	3.25	2.6	30.5	28.24	0	0	372	1	0	0	0	1	0	0.280	0.12
173	170	13.94	3.49	2.7	26.85	23.94	0	0	364	1	0	0	0	1	0	0.280	0.12
174	171	14.03	3.43	2.7	24.85	23.15	0	0	297	1	0	0	0	1	0	0.280	0.12
175	172	14.11	3.13	2.7	23.98	22.8	0	0	214	1	0	0	0	1	0	0.280	0.12
176	173	14.19	2.95	2.7	22.95	21.72	0	0	[illegible]	1	0	1	0	1	0	0.280	0.12
177	174	14.27	2.91	2.7	21.92	20.4	0	0	45	1	0	1	0	1	0	0.280	0.12
178	175	14.35	2.91	2.7	21.24	19.99	0	0	[illegible]	1	0	1	0	1	0	0.280	0.12
179	176	14.44	2.89	2.7	20.88	19.83	0	0	[illegible]	1	0	1	0	1	0	0.280	0.12
180	177	14.52	2.88	2.7	20.67	19.45	0	0	[illegible]	1	0	1	0	1	0	0.280	0.12
181	178	14.6	2.92	2.7	20.57	19.47	0	0	126	1	0	1	0	1	0	0.280	0.12
182	179	14.68	2.97	2.7	20.78	19.63	0	0	135	1	0	1	0	1	0	0.280	0.12
183	180	14.76	3.01	2.7	21.09	20.08	0	0	144	1	0	0	0	1	0	0.280	0.12
184	181	14.85	3.06	2.7	21.39	20.42	0	0	156	1	0	0	0	1	0	0.280	0.12
185	182	14.93	3.1	2.7	21.68	20.55	0	0	167	1	0	0	0	1	0	0.280	0.12
186	183	15.01	3.14	2.7	21.88	21.05	0	0	176	1	0	0	0	1	0	0.280	0.12
187	184	15.09	3.18	2.7	21.99	21.08	0	0	185	1	0	0	0	1	0	0.280	0.12
188	185	15.17	3.24	2.7	21.95	20.96	0	0	194	1	0	0	0	1	0	0.280	0.12
189	186	15.26	3.27	2.8	21.79	20.99	0	0	195	1	0	0	0	1	0	0.280	0.12
190	187	15.34	3.26	2.8	21.57	20.7	0	0	189	1	0	0	0	1	0	0.280	0.12
191	188	15.42	3.23	2.8	21.29	20.48	0	0	179	1	0	0	0	1	0	0.280	0.12
192	189	15.5	3.17	2.8	21.15	20.35	0	0	167	1	0	0	0	1	0	0.280	0.12
193	190	15.58	3.06	2.7	21.17	20.42	0	0	152	1	0	0	0	1	0	0.280	0.12
194	191	15.67	2.97	2.7	21.22	20.63	0	0	142	1	0	1	0	1	0	0.280	0.12
195	192	15.75	2.89	2.7	21.18	20.57	0	0	132	1	0	1	0	1	0	0.280	0.12
196	193	15.83	2.88	2.7	20.87	20.37	0	0	126	1	0	1	0	1	0	0.280	0.12
197	194	15.91	2.84	2.7	20.47	19.83	0	0	116	1	0	1	0	1	0	0.280	0.12
198	195	15.99	2.92	2.8	20.02	19.58	0	0	117	1	0	1	0	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	3.02	2.8	19.84	19.26	0	0	125	1	0	0	0	1	0	0.280	0.12
200	197	16.16	3.16	2.8	19.57	19.3	0	0	135	1	0	0	0	1	0	0.280	0.12
201	198	16.24	3.24	2.8	19.19	18.81	0	0	137	1	0	0	0	1	0	0.280	0.12
202	199	16.32	3.35	2.8	18.55	18.19	0	0	136	1	0	0	0	1	0	0.280	0.12
203	200	16.4	3.44	2.8	18.03	17.64	0	0	134	1	0	0	0	1	0	0.280	0.12
204	201	16.49	3.49	2.8	17.76	17.45	0	0	133	1	0	0	0	1	0	0.280	0.12
205	202	16.57	3.49	2.8	17.63	17.53	0	0	130	1	0	0	0	1	0	0.280	0.12
206	203	16.65	3.49	2.8	17.67	17.4	0	0	131	1	0	0	0	1	0	0.280	0.12
207	204	16.73	3.45	2.8	17.95	17.7	0	0	133	1	0	0	0	1	0	0.280	0.12
208	205	16.81	3.42	2.8	18.37	18.45	0	0	140	1	0	0	0	1	0	0.280	0.12
209	206	16.9	3.4	2.8	18.78	18.7	0	0	147	1	0	0	0	1	0	0.280	0.12
210	207	16.98	3.48	2.8	18.89	18.98	0	0	161	1	0	0	0	1	0	0.280	0.12
211	208	17.06	3.58	2.8	18.76	18.85	0	0	171	1	0	0	0	1	0	0.280	0.12
212	209	17.14	3.65	2.8	18.42	18.45	0	0	172	1	0	0	0	1	0	0.280	0.12
213	210	17.22	3.62	2.8	18.19	18.15	0	0	161	1	0	0	0	1	0	0.280	0.12
214	211	17.31	3.5	2.8	18	18.31	0	0	141	1	0	0	0	1	0	0.280	0.12
215	212	17.39	3.32	2.8	17.84	18.01	0	0	117	1	0	0	0	1	0	0.280	0.12
216	213	17.47	3.19	2.8	17.13	17.79	0	0	91	1	0	0	0	1	0	0.280	0.12
217	214	17.55	3.12	2.8	16.37	16.37	0	0	72	1	0	0	1	1	0	0.280	0.12
218	215	17.63	3.11	2.9	15.78	15.95	0	0	60	1	0	0	1	1	0	0.280	0.12
219	216	17.72	3.02	2.8	15.85	16.09	0	0	57	1	0	0	1	1	0	0.280	0.12
220	217	17.8	2.93	2.8	16.03	16.61	0	0	55	1	0	1	1	1	0	0.280	0.12
221	218	17.88	2.85	2.8	16.01	16.47	0	0	51	1	0	1	1	1	0	0.280	0.12
222	219	17.96	2.85	2.8	15.63	16.11	0	0	46	1	0	1	1	1	0	0.280	0.12
223	220	18.04	2.85	2.8	15.2	15.56	0	0	40	1	0	1	1	1	0	0.280	0.12
224	221	18.13	2.88	2.9	14.78	15.29	0	0	34	1	0	1	1	1	0	0.280	0.12
225	222	18.21	2.91	2.9	14.63	14.96	0	0	33	1	0	1	1	1	0	0.280	0.12
226	223	18.29	2.93	2.9	14.52	15.13	0	0	32	1	0	1	1	1	0	0.280	0.12
227	224	18.37	2.93	2.9	14.42	15.02	0	0	30	1	0	1	1	1	0	0.280	0.12
228	225	18.45	2.98	2.9	14.15	14.75	0	0	27	1	0	1	1	1	0	0.280	0.12
229	226	18.54	3.13	2.9	13.8	14.44	0	0	24	1	0	0	1	1	0	0.280	0.12
230	227	18.62	3.24	2.9	13.59	14.08	0	0	22	1	0	0	1	1	0	0.280	0.12
231	228	18.7	3.22	2.9	13.65	14.21	0	0	23	1	0	0	1	1	0	0.280	0.12
232	229	18.78	3.06	2.9	14.01	14.72	0	0	27	1	0	0	1	1	0	0.280	0.12
233	230	18.86	2.99	2.9	14.4	15.21	0	0	31	1	0	1	1	1	0	0.280	0.12
234	231	18.95	2.91	2.9	14.59	15.39	0	0	32	1	0	1	1	1	0	0.280	0.12
235	232	19.03	2.88	2.9	14.3	15.3	0	0	27	1	0	1	1	1	0	0.280	0.12
236	233	19.11	2.8	2.9	13.67	14.43	0	0	16	1	0	1	1	1	0	0.280	0.12
237	234	19.19	2.86	2.9	12.86	13.72	0	0	5	1	0	1	1	1	0	0.280	0.12
238	235	19.27	2.9	2.9	12.45	13.09	0	0	-1	1	0	1	1	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	2.87	2.9	12.27	13.27	0	0	-3	1	0	1	1	1	0	0.280	0.12
240	237	19.44	2.7	2.9	12.25	13.1	0	0	-3	1	0	1	1	1	0	0.280	0.12
241	238	19.52	2.51	2.9	12.16	12.96	0	0	-4	1	0	1	1	1	0	0.280	0.12
242	239	19.6	2.4	2.9	12.16	13.03	0	0	-3	1	0	1	1	1	0	0.280	0.12
243	240	19.68	2.39	2.9	12.29	13.11	0	0	-2	1	0	1	1	1	0	0.280	0.12
244	241	19.77	2.39	2.9	12.75	13.36	0	0	2	1	0	1	1	1	0	0.280	0.12
245	242	19.85	2.4	2.8	13.53	14.41	0	0	10	1	0	1	1	1	0	0.280	0.12
246	243	19.93	2.39	2.8	14.69	15.47	0	0	21	1	0	1	1	1	0	0.280	0.12
247	244	20.01	2.5	2.8	16.15	17.03	0	0	39	1	0	1	1	1	0	0.280	0.12
248	245	20.09	2.75	2.8	17.48	19.15	0	0	67	1	0	1	1	1	0	0.280	0.12
249	246	20.18	3.07	2.8	17.89	19.86	0	0	95	1	0	0	0	1	0	0.280	0.12
250	247	20.26	3.44	2.8	17.39	18.67	0	0	119	1	0	0	0	1	0	0.280	0.12
251	248	20.34	3.63	2.9	17.21	17.93	0	0	134	1	0	0	0	1	0	0.280	0.12
252	249	20.42	3.69	2.9	18.04	19.53	0	0	166	1	0	0	0	1	0	0.280	0.12
253	250	20.5	3.77	2.8	18.9	21.23	0	0	205	1	0	0	0	1	0	0.280	0.12
254	251	20.59	4.06	2.9	17.89	20.81	0	0	219	1	0	0	0	1	0	0.280	0.12
255	252	20.67	4.43	2.9	15.62	16.91	0	0	172	1	0	0	0	1	0	0.280	0.12
256	253	20.75	4.67	3.0	13.08	14.57	0	0	89	1	0	0	1	1	0	0.280	0.12
257	254	20.83	4.58	3.1	11.15	13.01	0	0	84	1	0	0	1	1	0	0.280	0.12
258	255	20.92	4.18	3.1	9.68	10.78	0	0	-17	1	0	0	1	1	0	0.280	0.12
259	256	21	3.57	3.1	8.58	9.79	0	0	-106	1	0	0	1	1	0	0.280	0.12
260	257	21.08	2.87	3.1	8.14	9.36	0	0	-65	1	0	1	1	1	0	0.280	0.12
261	258	21.16	2.41	3.0	8.07	9.21	0	0	-44	1	0	1	1	1	0	0.280	0.12
262	259	21.24	2.24	3.0	8.22	9.4	0	0	-37	1	0	1	1	1	0	0.280	0.12
263	260	21.33	2.28	3.0	8.54	9.66	0	0	-35	1	0	1	1	1	0	0.280	0.12
264	261	21.41	2.45	3.0	9.1	10.07	0	0	-35	1	0	1	1	1	0	0.280	0.12
265	262	21.49	2.64	3.0	9.79	11.06	0	0	-33	1	0	1	1	1	0	0.280	0.12
266	263	21.57	2.84	3.0	10.61	11.88	0	0	-27	1	0	1	1	1	0	0.280	0.12
267	264	21.65	3.04	3.0	11.12	12.83	0	0	-24	1	0	0	1	1	0	0.280	0.12
268	265	21.74	3.18	3.0	11.45	12.99	0	0	-20	1	0	0	1	1	0	0.280	0.12
269	266	21.82	3.31	3.0	11.58	13.25	0	0	-20	1	0	0	1	1	0	0.280	0.12
270	267	21.9	3.47	3.0	11.53	13.48	0	0	-24	1	0	0	1	1	0	0.280	0.12
271	268	21.98	3.64	3.0	10.97	12.99	0	0	-44	1	0	0	1	1	0	0.280	0.12
272	269	22.06	3.73	3.1	9.94	11.58	0	0	-79	1	0	0	1	1	0	0.280	0.12
273	270	22.15	3.55	3.1	9.06	10.23	0	0	-92	1	0	0	1	1	0	0.280	0.12
274	271	22.23	3.34	3.1	8.44	10.15	0	0	-91	1	0	0	1	1	0	0.280	0.12
275	272	22.31	3.2	3.1	8.11	9.47	0	0	-87	1	0	0	1	1	0	0.280	0.12
276	273	22.39	3.06	3.1	8.03	9.04	0	0	-78	1	0	0	1	1	0	0.280	0.12
277	274	22.47	2.77	3.0	8.54	9.84	0	0	-54	1	0	1	1	1	0	0.280	0.12
278	275	22.56	2.55	3.0	9.15	11.28	0	0	-38	1	0	1	1	1	0	0.280	0.12

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	2.54	3.0	9.15	11.22	0	0	-37	1	0	1	1	1	0	0.280	0.12
280	277	22.72	2.65	3.0	8.97	10.04	0	0	-43	1	0	1	1	1	0	0.280	0.12
281	278	22.8	2.43	2.9	10.24	10.63	0	0	-23	1	0	1	1	1	0	0.280	0.12
282	279	22.88	1.94	2.8	13.61	15.25	0	0	7	1	0	1	1	1	0	0.280	0.12
283	280	22.97	1.47	2.6	18.94	20.83	0	0	27	1	1	1	1	1	0	0.280	0.12
284	281	23.05	1.24	2.5	23.32	27.73	0	0	37	1	1	1	1	1	0	0.280	0.12
285	282	23.13	1.16	2.4	25.69	29.46	0	0	41	1	1	1	1	1	0	0.280	0.12
286	283	23.21	1.15	2.4	25.74	28.66	0.02	0.44	41	1	1	1	1	1	0.02	0.280	0.12
287	284	23.29	1.14	2.4	25.22	27.99	0.02	0.44	39	1	1	1	1	1	0.02	0.260	0.1
288	285	23.38	1.12	2.4	25.05	27.87	0.02	0.45	38	1	1	1	1	1	0.02	0.240	0.08
289	286	23.46	1.11	2.4	25.14	28.2	0.02	0.44	38	1	1	1	1	1	0.02	0.220	0.06
290	287	23.54	1.11	2.4	25.11	28.37	0.02	0.44	38	1	1	1	1	1	0.02	0.200	0.04
291	288	23.62	1.16	2.4	24.54	27.89	0	0	38	1	1	1	1	1	0	0.180	0.02
292	289	23.7	1.26	2.5	23.61	26.58	0	0	38	1	1	1	1	1	0	0.180	0.02
293	290	23.79	1.55	2.5	22.81	25.65	0	0	47	1	1	1	1	1	0	0.180	0.02
294	291	23.87	2.02	2.6	22.66	25.84	0	0	71	1	0	1	1	1	0	0.180	0.02
295	292	23.95	2.37	2.6	23.6	26.74	0	0	106	1	0	1	0	1	0	0.180	0.02
296	293	24.03	2.46	2.6	25.27	29.14	0	0	133	1	0	1	0	1	0	0.180	0.02
297	294	24.11	2.37	2.6	26.88	31.53	0.02	0.37	38	1	1	1	0	1	0	0.180	0.02
298	295	24.2	2.4	2.6	27.78	32.03	0.02	0.37	170	1	1	1	0	1	0	0.160	0.02
299	296	24.28	2.62	2.6	26.76	32.27	0	0	171	1	0	1	0	1	0	0.140	0.02
300	297	24.36	2.85	2.7	24.67	28.59	0	0	178	1	0	1	0	1	0	0.140	0.02
301	298	24.44	3.15	2.7	21.57	25.52	0	0	172	1	0	0	0	1	0	0.140	0.02
302	299	24.52	3.39	2.8	19.8	22.34	0	0	170	1	0	0	0	1	0	0.140	0.02
303	300	24.61	3.65	2.8	19.46	22.95	0	0	202	1	0	0	0	1	0	0.140	0.02
304	301	24.69	3.76	2.8	20.4	24.62	0	0	251	1	0	0	0	1	0	0.140	0.02
305	302	24.77	3.79	2.8	21.14	25.67	0	0	281	1	0	0	0	1	0	0.140	0.02
306	303	24.85	3.74	2.8	21.47	25.6	0	0	280	1	0	0	0	1	0	0.140	0.02
307	304	24.93	3.63	2.8	21.5	25.8	0	0	256	1	0	0	0	1	0	0.140	0.02
308	305	25.02	3.44	2.8	21.49	25.85	0	0	218	1	0	0	0	1	0	0.140	0.02
309	306	25.1	3.29	2.8	21.18	25.6	0	0	186	1	0	0	0	1	0	0.140	0.02
310	307	25.18	3.25	2.8	20.48	24.68	0	0	165	1	0	0	0	1	0	0.140	0.02
311	308	25.26	3.41	2.8	19.4	23.53	0	0	163	1	0	0	0	1	0	0.140	0.02
312	309	25.34	3.71	2.9	18.06	22.14	0	0	169	1	0	0	0	1	0	0.140	0.02
313	310	25.43	4.04	2.9	16.68	20.34	0	0	167	1	0	0	0	1	0	0.140	0.02
314	311	25.51	4.15	2.9	15.2	18.72	0	0	118	1	0	0	0	1	0	0.140	0.02
315	312	25.59	4.03	3.0	13.46	16.96	0	0	38	1	0	0	1	1	0	0.140	0.02
316	313	25.67	3.65	3.0	11.63	14.22	0	0	-25	1	0	0	1	1	0	0.140	0.02
317	314	25.75	3.52	3.0	9.97	12.25	0	0	-66	1	0	0	1	1	0	0.140	0.02
318	315	25.84	3.41	3.1	8.82	11.11	0	0	-87	1	0	0	1	1	0	0.140	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	3.61	3.1	7.91	10.09	0	0	-129	1	0	0	1	1	0	0.140	0.02
320	317	26	3.75	3.2	7.23	8.94	0	0	-166	1	0	0	1	1	0	0.140	0.02
321	318	26.08	3.93	3.2	7.07	8.55	0	0	-199	1	0	0	1	1	0	0.140	0.02
322	319	26.16	3.88	3.2	7.63	9.39	0	0	-171	1	0	0	1	1	0	0.140	0.02
323	320	26.25	3.88	3.1	8.14	10.66	0	0	-153	1	0	0	1	1	0	0.140	0.02
324	321	26.33	4.05	3.1	8.3	10.35	0	0	-170	1	0	0	1	1	0	0.140	0.02
325	322	26.41	4.51	3.2	8.07	10.19	0	0	-260	1	0	0	1	1	0	0.140	0.02
326	323	26.49	4.73	3.2	8.17	10.21	0	0	-303	1	0	0	1	1	0	0.140	0.02
327	324	26.57	4.7	3.2	8.61	10.78	0	0	-265	1	0	0	1	1	0	0.140	0.02
328	325	26.66	4.81	3.2	8.98	11.75	0	0	-262	1	0	0	1	1	0	0.140	0.02
329	326	26.74	5.41	3.2	9.09	11.53	0	0	-406	1	0	0	1	1	0	0.140	0.02
330	327	26.82	5.91	3.2	9.66	11.26	0	0	-494	1	0	0	1	1	0	0.140	0.02
331	328	26.9	5.51	3.1	11.57	13.73	0	0	-119	1	0	0	1	1	0	0.140	0.02
332	329	26.98	4.4	3.0	15.37	18.18	0	0	154	1	0	0	0	1	0	0.140	0.02
333	330	27.07	3.6	2.8	19.74	24.9	0	0	201	1	0	0	0	1	0	0.140	0.02
334	331	27.15	3.03	2.7	24.72	29.47	0	0	209	1	0	0	0	1	0	0.140	0.02
335	332	27.23	2.72	2.6	28.72	35.12	0	0	212	1	0	1	0	1	0	0.140	0.02
336	333	27.31	2.51	2.6	31.91	38.36	0	0	211	1	1	1	0	1	0	0.140	0.02
337	334	27.39	2.39	2.5	34.26	40.06	0	0	212	1	1	1	0	1	0	0.140	0.02
338	335	27.48	2.26	2.5	36.42	42.94	0	0	208	1	1	1	0	1	0	0.140	0.02
339	336	27.56	2.1	2.4	38.33	45.47	0	0	194	1	1	1	0	1	0	0.140	0.02
340	337	27.64	1.99	2.4	39.26	46.23	0.02	0.26	182	1	1	1	0	1	0	0.140	0.02
341	338	27.72	1.95	2.4	39.41	45.88	0.02	0.27	177	1	1	1	0	1	0	0.120	0.02
342	339	27.8	1.94	2.4	39.24	45.93	0.02	0.26	174	1	1	1	0	1	0	0.100	0.02
343	340	27.89	1.78	2.4	39.31	45.68	0.02	0.27	150	1	1	1	0	1	0	0.080	0.02
344	341	27.97	1.48	2.3	39.56	45.68	0.02	0.28	115	1	1	1	0	1	0	0.060	0.02
345	342	28.05	1.16	2.3	39.9	45.74	0.02	0.3	86	1	1	1	0	1	0	0.040	0.02
346	343	28.13	0.92	2.2	39.79	45.44	0.02	0.32	68	1	1	1	1	1	0.02	0.020	0.02
347	344	28.21	0.9	2.2	38.22	44.21	0	0	63	1	1	1	1	1	0	0.000	0
348	345	28.3	1.04	2.3	35.31	40.49	0	0	64	1	1	1	1	1	0	0.000	0
349	346	28.38	1.41	2.4	31.82	36.72	0	0	77	1	1	1	1	1	0	0.000	0
350	347	28.46	1.85	2.5	27.9	34.19	0	0	92	1	1	1	0	1	0	0.000	0
351	348	28.54	2.33	2.6	23.97	28.66	0	0	106	1	0	1	0	1	0	0.000	0
352	349	28.63	2.82	2.7	20.28	24.38	0	0	111	1	0	1	0	1	0	0.000	0
353	350	28.71	3.15	2.8	18.5	22.23	0	0	114	1	0	0	0	1	0	0.000	0
354	351	28.79	3	2.8	19.7	22.84	0	0	120	1	0	0	0	1	0	0.000	0
355	352	28.87	2.58	2.7	22.67	28.43	0	0	117	1	0	1	0	1	0	0.000	0
356	353	28.95	2.35	2.6	25.23	32.02	0	0	120	1	0	1	0	1	0	0.000	0
357	354	29.04	2.38	2.6	24.93	31.34	0	0	120	1	0	1	0	1	0	0.000	0
358	355	29.12	2.65	2.7	22.4	27.56	0	0	122	1	0	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	3.02	2.8	19.05	23.81	0	0	111	1	0	0	0	1	0	0.000	0
360	357	29.28	3.44	2.9	15.77	20.24	0	0	79	1	0	0	1	1	0	0.000	0
361	358	29.36	3.82	3.0	13.1	16.18	0	0	20	1	0	0	1	1	0	0.000	0
362	359	29.45	4.08	3.1	10.69	14.16	0	0	-75	1	0	0	1	1	0	0.000	0
363	360	29.53	4.53	3.2	8.68	11.55	0	0	-228	1	0	0	1	1	0	0.000	0
364	361	29.61	5.32	3.3	6.81	8.96	0	0	-632	1	0	0	1	1	0	0.000	0
365	362	29.69	6.02	3.4	5.48	7.47	0	0	-1327	1	0	0	1	1	0	0.000	0
366	363	29.77	5.94	3.4	4.71	6.79	0	0	-1387	1	0	0	1	1	0	0.000	0
367	364	29.86	4.99	3.4	4.26	6.21	0	0	-707	1	0	0	1	1	0	0.000	0
368	365	29.94	4	3.4	4	5.88	0	0	-329	1	0	0	1	1	0	0.000	0
369	366	30.02	3.26	3.4	3.98	5.87	0	0	-178	1	0	0	1	1	0	0.000	0
370	367	30.1	2.92	3.3	4.3	6.12	0	0	-128	1	0	1	1	1	0	0.000	0
371	368	30.18	3	3.3	4.72	7.02	0	0	-130	1	0	0	1	1	0	0.000	0
372	369	30.27	3.46	3.3	5.09	7.36	0	0	-183	1	0	0	1	1	0	0.000	0
373	370	30.35	4.1	3.3	5.28	7.43	0	0	-304	1	0	0	1	1	0	0.000	0
374	371	30.43	4.6	3.3	5.4	7.7	0	0	-447	1	0	0	1	1	0	0.000	0
375	372	30.51	4.91	3.3	5.51	7.79	0	0	-563	1	0	0	1	1	0	0.000	0
376	373	30.59	5.13	3.3	5.58	7.83	0	0	-63	1	0	0	1	1	0	0.000	0
377	374	30.68	5.41	3.4	5.61	7.95	0	0	-20	1	0	0	1	1	0	0.000	0
378	375	30.76	5.68	3.4	5.56	7.89	0	0	-10.5	1	0	0	1	1	0	0.000	0
379	376	30.84	5.85	3.4	5.46	7.67	0	0	-117	1	0	0	1	1	0	0.000	0
380	377	30.92	5.94	3.4	5.35	7.61	0	0	-173	1	0	0	1	1	0	0.000	0
381	378	31	5.99	3.4	5.25	7.48	0	0	-1340	1	0	0	1	1	0	0.000	0
382	379	31.09	6.01	3.4	5.14	7.31	0	0	-1381	1	0	0	1	1	0	0.000	0
383	380	31.17	5.99	3.4	5.08	7.23	0	0	-1372	1	0	0	1	1	0	0.000	0
384	381	31.25	6	3.4	5.07	7.27	0	0	-1384	1	0	0	1	1	0	0.000	0
385	382	31.33	6.05	3.4	5.07	7.29	0	0	-1437	1	0	0	1	1	0	0.000	0
386	383	31.41	6.17	3.4	5.04	7.24	0	0	-1578	1	0	0	1	1	0	0.000	0
387	384	31.5	6.22	3.4	5.02	7.15	0	0	-1642	1	0	0	1	1	0	0.000	0
388	385	31.58	6.22	3.4	4.97	7.21	0	0	-1653	1	0	0	1	1	0	0.000	0
389	386	31.66	6.16	3.4	4.89	7.07	0	0	-1598	1	0	0	1	1	0	0.000	0
390	387	31.74	6.14	3.4	4.75	6.89	0	0	-1603	1	0	0	1	1	0	0.000	0
391	388	31.82	6.04	3.5	4.62	6.74	0	0	-1513	1	0	0	1	1	0	0.000	0
392	389	31.91	5.91	3.5	4.51	6.63	0	0	-1391	1	0	0	1	1	0	0.000	0
393	390	31.99	5.76	3.5	4.43	6.49	0	0	-1254	1	0	0	1	1	0	0.000	0
394	391	32.07	5.71	3.5	4.35	6.41	0	0	-1220	1	0	0	1	1	0	0.000	0
395	392	32.15	5.93	3.5	4.34	6.34	0	0	-1442	1	0	0	1	1	0	0.000	0
396	393	32.23	5.95	3.4	4.66	6.45	0	0	-1407	1	0	0	1	1	0	0.000	0
397	394	32.32	5.13	3.3	6.23	7.52	0	0	-600	1	0	0	1	1	0	0.000	0
398	395	32.4	4.73	3.2	7.64	11.92	0	0	-340	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	4.72	3.2	8.62	11.69	0	0	-269	1	0	0	1	1	0	0.000	0
400	397	32.56	5.25	3.2	8.07	11.24	0	0	-466	1	0	0	1	1	0	0.000	0
401	398	32.64	5.61	3.3	7.23	10.12	0	0	-731	1	0	0	1	1	0	0.000	0
402	399	32.73	5.85	3.3	6.27	8.64	0	0	-1037	1	0	0	1	1	0	0.000	0
403	400	32.81	5.81	3.4	5.47	7.64	0	0	-1135	1	0	0	1	1	0	0.000	0
404	401	32.89	5.56	3.4	4.92	7.07	0	0	-1012	1	0	0	1	1	0	0.000	0
405	402	32.97	4.84	3.4	4.64	6.43	0	0	-599	1	0	0	1	1	0	0.000	0
406	403	33.05	4.27	3.4	4.51	6.26	0	0	-386	1	0	0	1	1	0	0.000	0
407	404	33.14	3.91	3.4	4.49	6.27	0	0	-288	1	0	0	1	1	0	0.000	0
408	405	33.22	3.85	3.4	4.41	6.13	0	0	-277	1	0	0	1	1	0	0.000	0
409	406	33.3	3.87	3.4	4.31	5.98	0	0	-285	1	0	0	1	1	0	0.000	0
410	407	33.38	3.92	3.4	4.31	6.02	0	0	-297	1	0	0	1	1	0	0.000	0
411	408	33.46	3.88	3.4	4.39	6.15	0	0	-285	1	0	0	1	1	0	0.000	0
412	409	33.55	3.62	3.3	4.48	6.21	0	0	-227	1	0	0	1	1	0	0.000	0
413	410	33.63	3.37	3.3	4.52	6.33	0	0	-183	1	0	0	1	1	0	0.000	0
414	411	33.71	3.28	3.3	4.54	6.35	0	0	-169	1	0	0	1	1	0	0.000	0
415	412	33.79	3.39	3.3	4.55	6.35	0	0	-185	1	0	0	1	1	0	0.000	0
416	413	33.87	3.48	3.3	4.57	6.34	0	0	-209	1	0	0	1	1	0	0.000	0
417	414	33.96	3.52	3.3	4.58	6.34	0	0	-206	1	0	0	1	1	0	0.000	0
418	415	34.04	3.54	3.3	4.56	6.31	0	0	-210	1	0	0	1	1	0	0.000	0
419	416	34.12	3.65	3.3	4.46	6.29	0	0	-233	1	0	0	1	1	0	0.000	0
420	417	34.2	3.75	3.4	4.35	6.1	0	0	-257	1	0	0	1	1	0	0.000	0
421	418	34.28	3.82	3.4	4.26	6.07	0	0	-275	1	0	0	1	1	0	0.000	0
422	419	34.37	3.81	3.4	4.28	6.03	0	0	-272	1	0	0	1	1	0	0.000	0
423	420	34.45	3.82	3.4	4.33	6.1	0	0	-273	1	0	0	1	1	0	0.000	0
424	421	34.53	3.96	3.4	4.38	6.14	0	0	-304	1	0	0	1	1	0	0.000	0
425	422	34.61	4.19	3.4	4.38	6.2	0	0	-368	1	0	0	1	1	0	0.000	0
426	423	34.69	4.46	3.4	4.35	6.21	0	0	-459	1	0	0	1	1	0	0.000	0
427	424	34.78	4.77	3.4	4.28	6.18	0	0	-593	1	0	0	1	1	0	0.000	0
428	425	34.86	4.88	3.4	4.21	6.09	0	0	-653	1	0	0	1	1	0	0.000	0
429	426	34.94	4.77	3.4	4.17	6.04	0	0	-601	1	0	0	1	1	0	0.000	0
430	427	35.02	4.39	3.4	4.13	6	0	0	-446	1	0	0	1	1	0	0.000	0
431	428	35.1	4.12	3.4	4.07	5.92	0	0	-360	1	0	0	1	1	0	0.000	0
432	429	35.19	3.77	3.4	4.05	5.8	0	0	-271	1	0	0	1	1	0	0.000	0
433	430	35.27	3.46	3.4	4.1	5.77	0	0	-207	1	0	0	1	1	0	0.000	0
434	431	35.35	3.11	3.3	4.25	5.95	0	0	-151	1	0	0	1	1	0	0.000	0
435	432	35.43	2.92	3.3	4.37	6.18	0	0	-126	1	0	1	1	1	0	0.000	0
436	433	35.51	2.98	3.3	4.42	6.22	0	0	-132	1	0	1	1	1	0	0.000	0
437	434	35.6	3.27	3.3	4.5	6.2	0	0	-168	1	0	0	1	1	0	0.000	0
438	435	35.68	3.57	3.3	4.72	6.52	0	0	-211	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	3.55	3.3	5.08	7.06	0	0	-198	1	0	0	1	1	0	0.000	0
440	437	35.84	3.21	3.2	5.43	7.5	0	0	-141	1	0	0	1	1	0	0.000	0
441	438	35.92	2.82	3.2	5.61	7.9	0	0	-98	1	0	1	1	1	0	0.000	0
442	439	36.01	2.52	3.2	5.58	7.94	0	0	-76	1	0	1	1	1	0	0.000	0
443	440	36.09	2.49	3.2	5.32	7.57	0	0	-77	1	0	1	1	1	0	0.000	0
444	441	36.17	2.6	3.2	5	6.99	0	0	-88	1	0	1	1	1	0	0.000	0
445	442	36.25	2.85	3.3	4.75	6.58	0	0	-113	1	0	1	1	1	0	0.000	0
446	443	36.33	3.11	3.3	4.77	6.39	0	0	-142	1	0	0	1	1	0	0.000	0
447	444	36.42	3.63	3.3	5.06	6.73	0	0	-212	1	0	0	1	1	0	0.000	0
448	445	36.5	4.28	3.3	5.95	7.4	0	0	-319	1	0	0	1	1	0	0.000	0
449	446	36.58	4.1	3.1	8.34	9.62	0	0	-175	1	0	0	1	1	0	0.000	0
450	447	36.66	3.49	3.0	12.05	15.89	0	0	-11	1	0	0	1	1	0	0.000	0
451	448	36.74	3.01	2.8	16.02	22.22	0	0	59	1	0	0	1	1	0	0.000	0
452	449	36.83	2.77	2.8	18.58	25.73	0	0	83	1	0	1	0	1	0	0.000	0
453	450	36.91	2.8	2.8	18.7	26	0	0	87	1	0	1	0	1	0	0.000	0
454	451	36.99	2.9	2.8	16.62	22.93	0	0	63	1	0	1	1	1	0	0.000	0
455	452	37.07	3.16	2.9	13.41	18.28	0	0	17	1	0	0	1	1	0	0.000	0
456	453	37.16	3.32	3.0	10.9	13.69	0	0	[illegible]	1	0	0	1	1	0	0.000	0
457	454	37.24	3.52	3.1	8.93	13.24	0	0	93	1	0	0	1	1	0	0.000	0
458	455	37.32	3.66	3.1	7.61	10.76	0	0	[illegible]	1	0	0	1	1	0	0.000	0
459	456	37.4	4.18	3.3	6.11	8.57	0	0	[illegible]	1	0	0	1	1	0	0.000	0
460	457	37.48	4.78	3.4	5.14	7.45	0	0	[illegible]	1	0	0	1	1	0	0.000	0
461	458	37.57	5.18	3.4	4.74	6.94	0	0	-773	1	0	0	1	1	0	0.000	0
462	459	37.65	5.23	3.4	4.66	6.84	0	0	-812	1	0	0	1	1	0	0.000	0
463	460	37.73	4.97	3.4	4.68	6.83	0	0	-661	1	0	0	1	1	0	0.000	0
464	461	37.81	4.79	3.4	4.66	6.81	0	0	-575	1	0	0	1	1	0	0.000	0
465	462	37.89	4.65	3.4	4.61	6.65	0	0	-517	1	0	0	1	1	0	0.000	0
466	463	37.98	4.53	3.4	4.57	6.58	0	0	-472	1	0	0	1	1	0	0.000	0
467	464	38.06	4.49	3.4	4.57	6.58	0	0	-458	1	0	0	1	1	0	0.000	0
468	465	38.14	4.47	3.4	4.62	6.6	0	0	-447	1	0	0	1	1	0	0.000	0
469	466	38.22	4.52	3.4	4.68	6.73	0	0	-462	1	0	0	1	1	0	0.000	0
470	467	38.3	4.59	3.4	4.8	6.85	0	0	-481	1	0	0	1	1	0	0.000	0
471	468	38.39	4.8	3.4	4.92	7.1	0	0	-560	1	0	0	1	1	0	0.000	0
472	469	38.47	4.88	3.4	5.01	7.26	0	0	-590	1	0	0	1	1	0	0.000	0
473	470	38.55	4.93	3.4	4.94	7.28	0	0	-619	1	0	0	1	1	0	0.000	0
474	471	38.63	4.91	3.4	4.78	7.05	0	0	-622	1	0	0	1	1	0	0.000	0
475	472	38.71	5.06	3.4	4.57	6.86	0	0	-719	1	0	0	1	1	0	0.000	0
476	473	38.8	5.25	3.4	4.47	6.64	0	0	-844	1	0	0	1	1	0	0.000	0
477	474	38.88	5.28	3.4	4.41	6.5	0	0	-871	1	0	0	1	1	0	0.000	0
478	475	38.96	5.06	3.4	4.4	6.4	0	0	-734	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	4.72	3.4	4.34	6.34	0	0	-566	1	0	0	1	1	0	0.000	0
480	477	39.12	4.41	3.4	4.28	6.29	0	0	-445	1	0	0	1	1	0	0.000	0
481	478	39.21	4.18	3.4	4.27	6.19	0	0	-369	1	0	0	1	1	0	0.000	0
482	479	39.29	3.88	3.4	4.34	6.22	0	0	-286	1	0	0	1	1	0	0.000	0
483	480	39.37	3.67	3.3	4.51	6.44	0	0	-235	1	0	0	1	1	0	0.000	0
484	481	39.45	3.63	3.3	4.73	6.77	0	0	-221	1	0	0	1	1	0	0.000	0
485	482	39.53	3.47	3.3	4.89	7.02	0	0	-190	1	0	0	1	1	0	0.000	0
486	483	39.62	3.31	3.3	4.88	7.14	0	0	-166	1	0	0	1	1	0	0.000	0
487	484	39.7	3.07	3.3	4.78	6.88	0	0	-137	1	0	0	1	1	0	0.000	0
488	485	39.78	2.96	3.3	4.6	6.71	0	0	-127	1	0	1	1	1	0	0.000	0
489	486	39.86	2.73	3.3	4.53	6.38	0	0	-105	1	0	1	1	1	0	0.000	0
490	487	39.94	2.51	3.3	4.55	6.44	0	0	-86	1	0	1	1	1	0	0.000	0
491	488	40.03	2.27	3.2	4.66	6.63	0	0	-69	1	0	1	1	1	0	0.000	0
492	489	40.11	2.23	3.2	4.73	6.7	0	0	-66	1	0	1	1	1	0	0.000	0
493	490	40.19	2.39	3.2	4.79	6.69	0	0	-75	1	0	1	1	1	0	0.000	0
494	491	40.27	3.28	3.3	4.97	6.84	0	0	-160	1	0	0	1	1	0	0.000	0
495	492	40.35	4.26	3.3	5.63	7.33	0	0	-329	1	0	0	1	1	0	0.000	0
496	493	40.44	4.39	3.2	7.17	9.06	0	0	[illegible]	1	0	0	1	1	0	0.000	0
497	494	40.52	3.74	3.1	9.71	12.7	0	0	87	1	0	0	1	1	0	0.000	0
498	495	40.6	3.45	3.0	11.64	17.56	0	0	[illegible]	1	0	0	1	1	0	0.000	0
499	496	40.68	3.64	3.0	11.72	17.44	0	0	-22	1	0	0	1	1	0	0.000	0
500	497	40.76	4.04	3.1	10.54	13.81	0	0	78	1	0	0	1	1	0	0.000	0
501	498	40.85	4.56	3.1	9.98	13.13	0	0	-154	1	0	0	1	1	0	0.000	0
502	499	40.93	4.67	3.1	11.01	14.8	0	0	-99	1	0	0	1	1	0	0.000	0
503	500	41.01	5.14	3.1	11.85	17.24	0	0	-63	1	0	0	1	1	0	0.000	0
504	501	41.09	5.32	3.1	12.23	16.32	0	0	-30	1	0	0	1	1	0	0.000	0
505	502	41.17	5.43	3.1	12.69	16.51	0	0	23	1	0	0	1	1	0	0.000	0
506	503	41.26	5.35	3.0	13.86	19.23	0	0	154	1	0	0	0	1	0	0.000	0
507	504	41.34	5.67	3.1	14.03	20.95	0	0	222	1	0	0	0	1	0	0.000	0
508	505	41.42	6.23	3.1	12.27	17.52	0	0	-51	1	0	0	1	1	0	0.000	0
509	506	41.5	6.54	3.2	9.51	12.96	0	0	-831	1	0	0	1	1	0	0.000	0
510	507	41.58	6.11	3.3	7.3	10.67	0	0	-1052	1	0	0	1	1	0	0.000	0
511	508	41.67	5.27	3.3	5.81	8.99	0	0	-714	1	0	0	1	1	0	0.000	0
512	509	41.75	4.21	3.4	4.69	7.13	0	0	-359	1	0	0	1	1	0	0.000	0
513	510	41.83	3.11	3.4	3.91	6.25	0	0	-157	1	0	0	1	1	0	0.000	0
514	511	41.91	1.91	3.3	3.59	5.7	0	0	-56	1	0	1	1	1	0	0.000	0
515	512	41.99	1.93	3.3	3.51	5.55	0	0	-58	1	0	1	1	1	0	0.000	0
516	513	42.08	2.01	3.3	3.66	5.51	0	0	-61	1	0	1	1	1	0	0.000	0
517	514	42.16	2.22	3.3	3.92	5.85	0	0	-72	1	0	1	1	1	0	0.000	0
518	515	42.24	2.59	3.3	4.22	6.17	0	0	-96	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	2.91	3.3	4.43	6.43	0	0	-124	1	0	1	1	1	0	0.000	0
520	517	42.4	3.22	3.3	4.55	6.69	0	0	-160	1	0	0	1	1	0	0.000	0
521	518	42.49	3.4	3.3	4.6	6.86	0	0	-185	1	0	0	1	1	0	0.000	0
522	519	42.57	3.63	3.3	4.64	6.83	0	0	-224	1	0	0	1	1	0	0.000	0
523	520	42.65	3.81	3.3	4.73	6.94	0	0	-257	1	0	0	1	1	0	0.000	0
524	521	42.73	4.12	3.3	4.87	7.3	0	0	-326	1	0	0	1	1	0	0.000	0
525	522	42.81	4.39	3.3	4.98	7.4	0	0	-400	1	0	0	1	1	0	0.000	0
526	523	42.9	4.51	3.3	5.05	7.4	0	0	-437	1	0	0	1	1	0	0.000	0
527	524	42.98	4.47	3.3	5.12	7.62	0	0	-419	1	0	0	1	1	0	0.000	0
528	525	43.06	4.4	3.3	5.17	7.72	0	0	-393	1	0	0	1	1	0	0.000	0
529	526	43.14	4.57	3.3	5.16	7.68	0	0	-452	1	0	0	1	1	0	0.000	0
530	527	43.22	4.7	3.4	5.11	7.55	0	0	-504	1	0	0	1	1	0	0.000	0
531	528	43.31	4.64	3.4	5.09	7.47	0	0	-482	1	0	0	1	1	0	0.000	0
532	529	43.39	4.47	3.3	5.08	7.58	0	0	-421	1	0	0	1	1	0	0.000	0
533	530	43.47	4.33	3.3	5.1	7.56	0	0	-375	1	0	0	1	1	0	0.000	0
534	531	43.55	4.4	3.3	5.11	7.53	0	0	-397	1	0	0	1	1	0	0.000	0
535	532	43.63	4.42	3.3	5.2	7.55	0	0	-398	1	0	0	1	1	0	0.000	0
536	533	43.72	4.51	3.3	5.32	7.84	0	0	[illegible]	1	0	0	1	1	0	0.000	0
537	534	43.8	4.57	3.3	5.49	7.94	0	0	[illegible]	1	0	0	1	1	0	0.000	0
538	535	43.88	4.78	3.3	5.67	8.2	0	0	[illegible]	1	0	0	1	1	0	0.000	0
539	536	43.96	5.05	3.3	5.85	8.57	0	0	[illegible]	1	0	0	1	1	0	0.000	0
540	537	44.04	5.6	3.3	5.96	8.7	0	0	[illegible]	1	0	0	1	1	0	0.000	0
541	538	44.13	6.06	3.4	5.93	8.83	0	0	-1280	1	0	0	1	1	0	0.000	0
542	539	44.21	6.25	3.4	5.92	8.69	0	0	-1477	1	0	0	1	1	0	0.000	0
543	540	44.29	6.1	3.4	5.89	8.77	0	0	-1327	1	0	0	1	1	0	0.000	0
544	541	44.37	5.92	3.4	6.05	8.78	0	0	-1131	1	0	0	1	1	0	0.000	0
545	542	44.45	5.87	3.3	6.29	9.2	0	0	-1049	1	0	0	1	1	0	0.000	0
546	543	44.54	5.93	3.3	6.58	9.6	0	0	-1046	1	0	0	1	1	0	0.000	0
547	544	44.62	6.01	3.3	6.77	9.76	0	0	-1075	1	0	0	1	1	0	0.000	0
548	545	44.7	6.1	3.3	6.96	10.05	0	0	-1112	1	0	0	1	1	0	0.000	0
549	546	44.78	6.15	3.3	7.23	10.43	0	0	-1098	1	0	0	1	1	0	0.000	0
550	547	44.86	6.42	3.3	7.59	10.85	0	0	-1250	1	0	0	1	1	0	0.000	0
551	548	44.95	6.76	3.3	7.94	11.36	0	0	-1488	1	0	0	1	1	0	0.000	0
552	549	45.03	7.05	3.3	8.24	11.75	0	0	-1714	1	0	0	1	1	0	0.000	0
553	550	45.11	6.93	3.3	8.42	12.12	0	0	-1506	1	0	0	1	1	0	0.000	0
554	551	45.19	6.67	3.3	8.32	12.4	0	0	-1278	1	0	0	1	1	0	0.000	0
555	552	45.27	6.69	3.3	7.95	11.82	0	0	-1411	1	0	0	1	1	0	0.000	0
556	553	45.36	7.05	3.3	7.38	10.97	0	0	-2059	1	0	0	1	1	0	0.000	0
557	554	45.44	7.61	3.4	6.92	10.38	0	0	-3337	1	0	0	1	1	0	0.000	0
558	555	45.52	7.72	3.4	6.58	9.78	0	0	-3824	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	7.59	3.4	6.39	9.52	0	0	-3604	1	0	0	1	1	0	0.000	0
560	557	45.69	7.16	3.4	6.29	9.38	0	0	-2702	1	0	0	1	1	0	0.000	0
561	558	45.77	6.74	3.4	6.12	9.4	0	0	-2052	1	0	0	1	1	0	0.000	0
562	559	45.85	6.33	3.4	5.81	8.87	0	0	-1593	1	0	0	1	1	0	0.000	0
563	560	45.93	6.05	3.4	5.33	8.24	0	0	-1387	1	0	0	1	1	0	0.000	0
564	561	46.01	5.85	3.4	4.84	7.67	0	0	-1275	1	0	0	1	1	0	0.000	0
565	562	46.1	5.65	3.4	4.47	7.05	0	0	-1148	1	0	0	1	1	0	0.000	0
566	563	46.18	5.23	3.4	4.21	6.75	0	0	-858	1	0	0	1	1	0	0.000	0
567	564	46.26	4.67	3.4	4.1	6.48	0	0	-560	1	0	0	1	1	0	0.000	0
568	565	46.34	4.09	3.4	4.07	6.38	0	0	-352	1	0	0	1	1	0	0.000	0
569	566	46.42	3.72	3.4	4.16	6.44	0	0	-256	1	0	0	1	1	0	0.000	0
570	567	46.51	3.49	3.3	4.27	6.61	0	0	-208	1	0	0	1	1	0	0.000	0
571	568	46.59	3.34	3.3	4.39	6.73	0	0	-181	1	0	0	1	1	0	0.000	0
572	569	46.67	3.15	3.3	4.46	6.76	0	0	-153	1	0	0	1	1	0	0.000	0
573	570	46.75	2.96	3.3	4.51	6.8	0	0	-129	1	0	1	1	1	0	0.000	0
574	571	46.83	2.68	3.3	4.56	6.83	0	0	-100	1	0	1	1	1	0	0.000	0
575	572	46.92	2.4	3.2	4.57	6.85	0	0	-78	1	0	1	1	1	0	0.000	0
576	573	47	2.08	3.2	4.57	6.81	0	0	-59	1	0	1	1	1	0	0.000	0
577	574	47.08	1.85	3.2	4.54	6.76	0	0	-48	1	0	1	1	1	0	0.000	0
578	575	47.16	1.81	3.2	4.47	6.71	0	0	-46	1	0	1	1	1	0	0.000	0
579	576	47.24	1.93	3.2	4.4	6.47	0	0	-52	1	0	1	1	1	0	0.000	0
580	577	47.33	2.04	3.2	4.37	6.45	0	0	-58	1	0	1	1	1	0	0.000	0
581	578	47.41	2.13	3.2	4.42	6.57	0	0	-62	1	0	1	1	1	0	0.000	0
582	579	47.49	2.17	3.2	4.5	6.75	0	0	-64	1	0	1	1	1	0	0.000	0
583	580	47.57	2.32	3.2	4.75	6.82	0	0	-71	1	0	1	1	1	0	0.000	0
584	581	47.65	2.82	3.2	5.15	7.67	0	0	-105	1	0	1	1	1	0	0.000	0
585	582	47.74	5.69	3.4	5.88	8.43	0	0	-976	1	0	0	1	1	0	0.000	0
586	583	47.82	5.85	3.2	8.15	9.84	0	0	-724	1	0	0	1	1	0	0.000	0
587	584	47.9	3.55	2.9	16.4	16.67	0	0	104	1	0	0	0	1	0	0.000	0
588	585	47.98	2.03	2.5	32.21	43.61	0	0	139	1	1	1	0	1	0	0.000	0
589	586	48.06	1.33	2.2	57.06	69.78	0	0	164	1	1	1	0	1	0	0.000	0
590	587	48.15	1.12	2.0	79.39	104.57	0	0	202	1	1	1	0	1	0	0.000	0
591	588	48.23	1.01	1.9	93.87	120.3	0	0	221	1	1	1	0	1	0	0.000	0
592	589	48.31	0.88	1.9	98.15	116.36	0	0	205	1	1	1	0	1	0	0.000	0
593	590	48.39	0.85	1.9	85.18	114.61	0	0	169	1	1	1	0	1	0	0.000	0
594	591	48.47	0.82	2.0	64.25	73.97	0	0	117	1	1	1	0	1	0	0.000	0
595	592	48.56	1.15	2.3	42.02	45.65	0	0	92	1	1	1	0	1	0	0.000	0
596	593	48.64	1.99	2.5	29.35	40.67	0	0	115	1	1	1	0	1	0	0.000	0
597	594	48.72	2.67	2.7	25.13	33.24	0	0	158	1	0	1	0	1	0	0.000	0
598	595	48.8	3.54	2.8	21.87	32.22	0	0	248	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	4.3	2.9	18.19	29.86	0	0	282	1	0	0	0	1	0	0.000	0
600	597	48.97	5.92	3.1	14.27	17.56	0	0	310	1	0	0	0	1	0	0.000	0
601	598	49.05	6.96	3.1	12.75	15.07	0	0	94	1	0	0	0	1	0	0.000	0
602	599	49.13	6.17	3.0	15.58	22.13	0	0	651	1	0	0	0	1	0	0.000	0
603	600	49.21	4.98	2.9	19.68	29.41	0	0	611	1	0	0	0	1	0	0.000	0
604	601	49.29	4.66	2.8	22.53	33.13	0	0	663	1	0	0	0	1	0	0.000	0
605	602	49.38	4.47	2.8	24.17	35.88	0	0	663	1	0	0	0	1	0	0.000	0
606	603	49.46	4.39	2.8	25.54	37.24	0	0	694	1	0	0	0	1	0	0.000	0
607	604	49.54	4.22	2.8	26.63	39.43	0	0	655	1	0	0	0	1	0	0.000	0
608	605	49.62	4.07	2.7	27.35	40.56	0	0	609	1	0	0	0	1	0	0.000	0
609	606	49.7	4.08	2.8	26.36	40	0	0	573	1	0	0	0	1	0	0.000	0
610	607	49.79	4.1	2.8	23.59	35.55	0	0	466	1	0	0	0	1	0	0.000	0
611	608	49.87	4.21	2.9	19.6	28.84	0	0	327	1	0	0	0	1	0	0.000	0
612	609	49.95	4.66	3.0	15.21	22.52	0	0	179	1	0	0	0	1	0	0.000	0
613	610	50.03	5.46	3.1	11.47	16.55	0	0	-127	1	0	0	1	1	0	0.000	0
614	611	50.11	6.63	3.3	8.46	12.95	0	0	-1199	1	0	0	1	1	0	0.000	0
615	612	50.2	5.35	3.3	6.49	9.95	0	0	-683	1	0	0	1	1	0	0.000	0
616	613	50.28	3.12	3.3	5.09	8.41	0	0	-27	1	0	0	1	1	0	0.000	0
617	614	50.36	0	4.1	4.29	7.22	0	0	-8	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	3.8	6.64	0	0	9	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	3.61	6.36	0	0	-9	1	0	1	1	1	0	0.000	0

DRAFT

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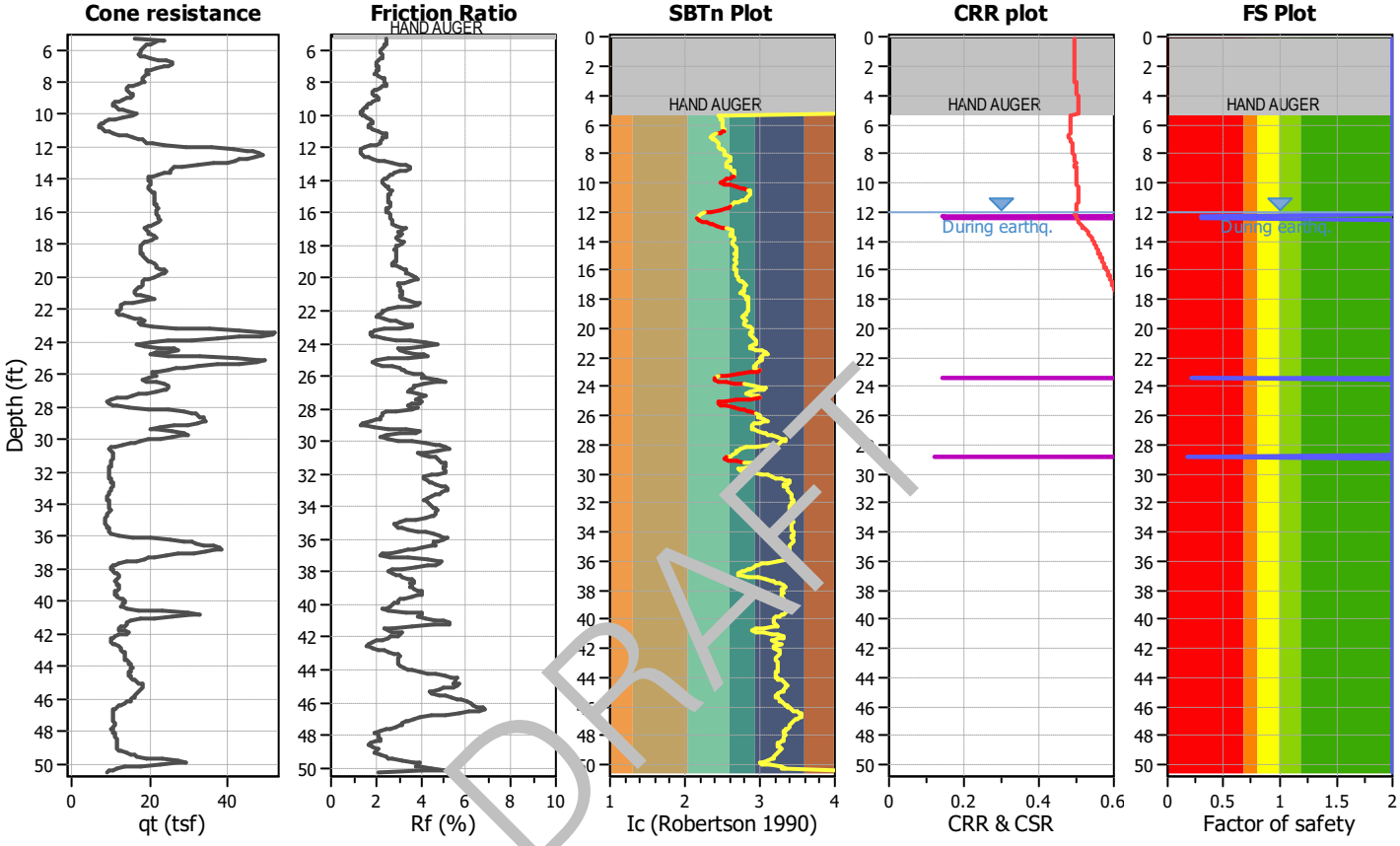
LIQUEFACTION ANALYSIS REPORT

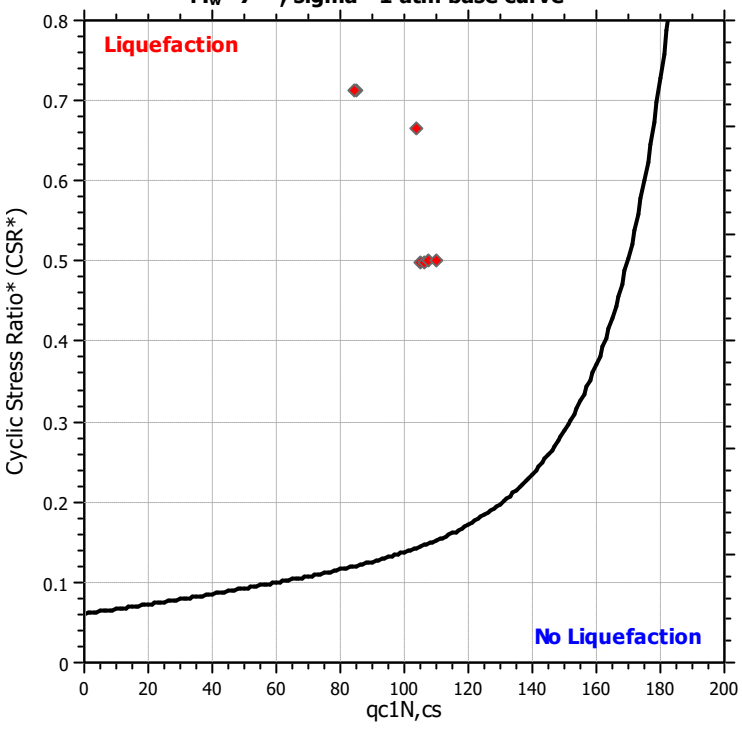
Project title : **Location :**

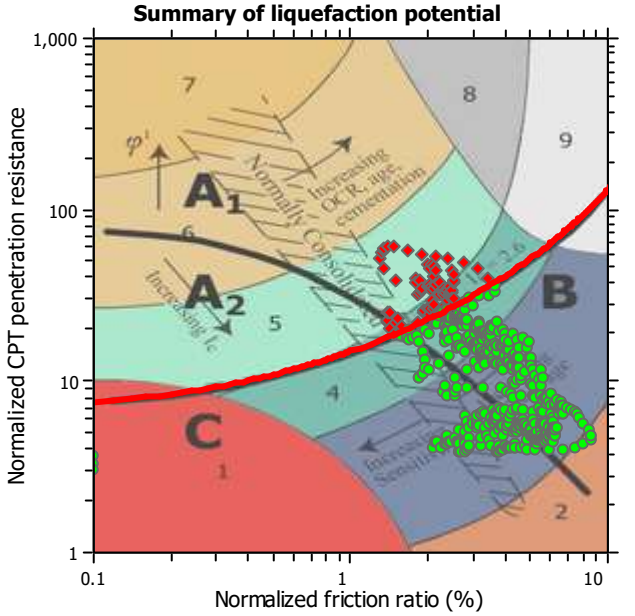
CPT file : CPT-24

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

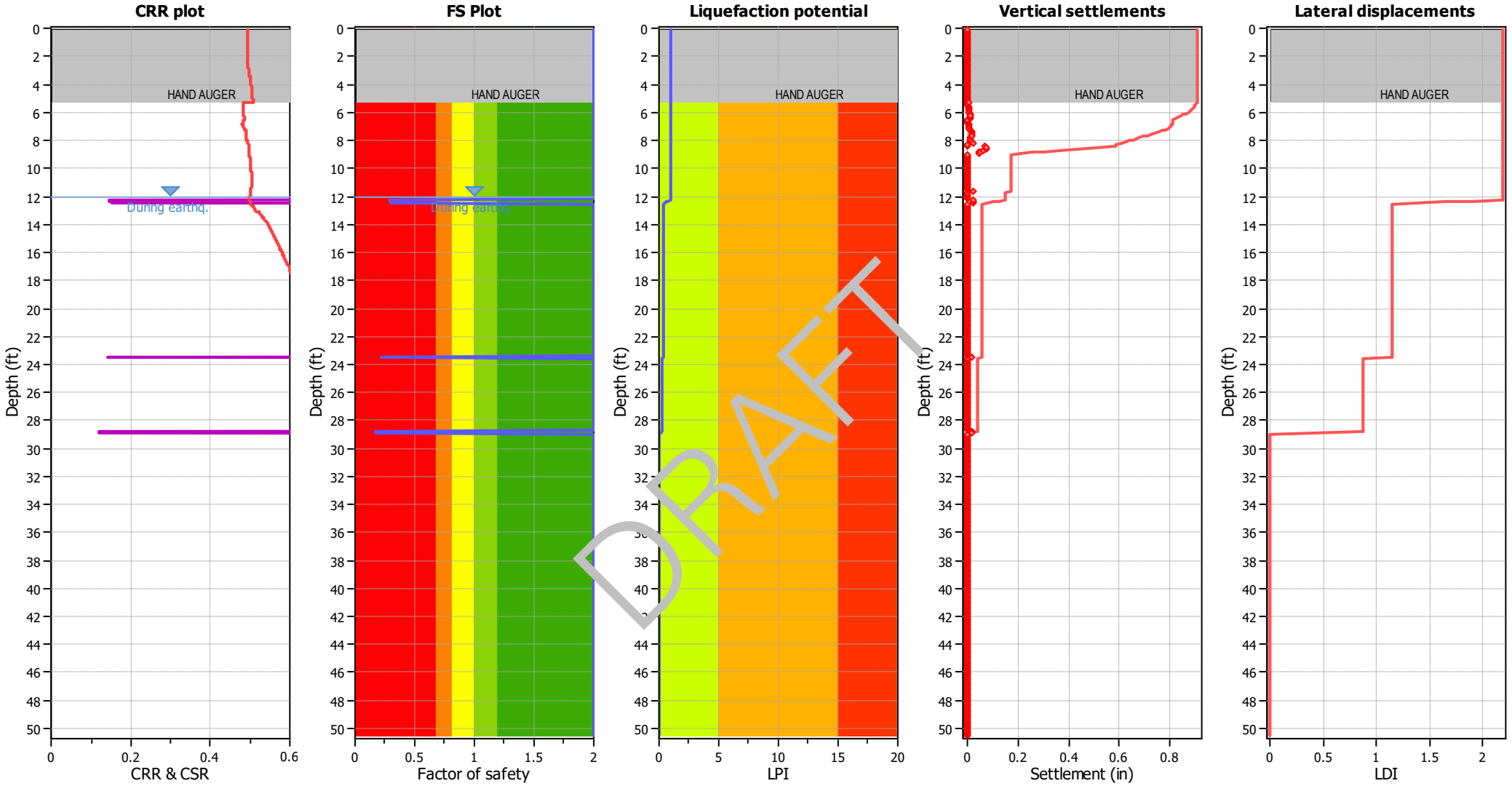






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-24, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
20	17	1.39	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
21	18	1.48	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
22	19	1.56	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
23	20	1.64	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
24	21	1.72	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
25	22	1.8	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
26	23	1.89	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
27	24	1.97	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
28	25	2.05	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
29	26	2.13	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
30	27	2.21	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
31	28	2.3	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
32	29	2.38	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
33	30	2.46	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
34	31	2.54	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
35	32	2.62	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
36	33	2.71	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
37	34	2.79	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
38	35	2.87	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
40	37	3.03	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
41	38	3.12	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
42	39	3.2	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
43	40	3.28	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
44	41	3.36	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
45	42	3.44	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
46	43	3.53	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
47	44	3.61	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
48	45	3.69	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
49	46	3.77	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
50	47	3.85	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
51	48	3.94	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
52	49	4.02	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
53	50	4.1	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
54	51	4.18	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
55	52	4.26	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
56	53	4.35	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
57	54	4.43	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
58	55	4.51	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
59	56	4.59	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
60	57	4.68	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
61	58	4.76	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
62	59	4.84	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
63	60	4.92	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
64	61	5	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
65	62	5.09	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
66	63	5.17	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
67	64	5.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.140	0.02
68	65	5.33	2.48	2.6	30.27	40.72	0	0	188	1	1	1	0	1	0	0.140	0.02
69	66	5.41	2.49	2.4	44.12	37.98	0	0	337	1	1	1	0	1	0	0.140	0.02
70	67	5.5	2.52	2.5	41.38	35.31	0	0	316	1	1	1	0	1	0	0.140	0.02
71	68	5.58	2.51	2.5	39.12	33.79	0	0	289	1	1	1	0	1	0	0.140	0.02
72	69	5.66	2.51	2.5	37.32	32.26	0	0	269	1	1	1	0	1	0	0.140	0.02
73	70	5.74	2.44	2.5	35.87	30.74	0	0	238	1	1	1	0	1	0	0.140	0.02
74	71	5.82	2.39	2.5	34.86	30.12	0	0	218	1	1	1	0	1	0	0.140	0.02
75	72	5.91	2.32	2.5	33.95	29.73	0	0	197	1	1	1	0	1	0	0.140	0.02
76	73	5.99	2.29	2.5	33.25	28.45	0	0	185	1	1	1	0	1	0	0.140	0.02
77	74	6.07	2.23	2.5	32.96	28.33	0	0	173	1	1	1	0	1	0	0.140	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.2	2.5	32.79	28.63	0	0	167	1	1	1	0	1	0	0.140	0.02
79	76	6.23	2.24	2.5	32.37	27.88	0	0	170	1	1	1	0	1	0	0.140	0.02
80	77	6.32	2.3	2.5	32.12	27.13	0	0	177	1	1	1	0	1	0	0.140	0.02
81	78	6.4	2.33	2.5	32.71	28.28	0	0	187	1	1	1	0	1	0	0.140	0.02
82	79	6.48	2.31	2.5	34.41	29.47	0	0	199	1	1	1	0	1	0	0.140	0.02
83	80	6.56	2.23	2.5	37.23	31.25	0	0	209	1	1	1	0	1	0	0.140	0.02
84	81	6.64	2.12	2.4	41.2	34.69	0	0	220	1	1	1	0	1	0	0.140	0.02
85	82	6.73	2.02	2.4	45.33	38.21	0	0	230	1	1	1	0	1	0	0.140	0.02
86	83	6.81	2.01	2.4	47.66	40.18	0	0	244	1	1	1	0	1	0	0.140	0.02
87	84	6.89	2.06	2.4	47.64	39.48	0	0	255	1	1	1	0	1	0	0.140	0.02
88	85	6.97	2.09	2.4	46.46	37.61	0	0	253	1	1	1	0	1	0	0.140	0.02
89	86	7.05	2.13	2.4	43.69	36.95	0	0	241	1	1	1	0	1	0	0.140	0.02
90	87	7.14	2.12	2.4	40.69	32.7	0	0	216	1	1	1	0	1	0	0.140	0.02
91	88	7.22	2.13	2.5	37.05	30.35	0	0	190	1	1	1	0	1	0	0.140	0.02
92	89	7.3	2.07	2.5	35.72	28.26	0	0	170	1	1	1	0	1	0	0.140	0.02
93	90	7.38	2.04	2.5	35.42	29.17	0	0	163	1	1	1	0	1	0	0.140	0.02
94	91	7.46	2.01	2.5	35.96	29.17	0	0	163	1	1	1	0	1	0	0.140	0.02
95	92	7.55	2.04	2.5	35.63	28.99	0	0	165	1	1	1	0	1	0	0.140	0.02
96	93	7.63	2.11	2.5	34.78	28.01	0	0	69	1	1	1	0	1	0	0.140	0.02
97	94	7.71	2.31	2.5	33.68	26.87	0	0	1[illegible]2	1	1	1	0	1	0	0.140	0.02
98	95	7.79	2.46	2.5	33.14	26.17	0	0	214	1	1	1	0	1	0	0.140	0.02
99	96	7.87	2.46	2.5	33.57	26.45	0	0	219	1	1	1	0	1	0	0.140	0.02
100	97	7.96	2.4	2.5	33.78	27.79	0	0	210	1	1	1	0	1	0	0.140	0.02
101	98	8.04	2.44	2.5	32.85	27.06	0	0	208	1	1	1	0	1	0	0.140	0.02
102	99	8.12	2.54	2.6	30.67	24.3	0	0	203	1	1	1	0	1	0	0.140	0.02
103	100	8.2	2.53	2.6	28.05	22.44	0	0	172	1	1	1	0	1	0	0.140	0.02
104	101	8.28	2.39	2.6	26.12	20.84	0	0	133	1	0	1	0	1	0	0.140	0.02
105	102	8.37	2.26	2.6	24.93	19.98	0	0	108	1	0	1	0	1	0	0.140	0.02
106	103	8.45	2.13	2.6	24.54	19.85	0	0	93	1	1	1	0	1	0	0.140	0.02
107	104	8.53	2.03	2.6	24.52	20.19	0	0	85	1	1	1	0	1	0	0.140	0.02
108	105	8.61	1.93	2.6	25.16	20.21	0	0	82	1	1	1	0	1	0	0.140	0.02
109	106	8.69	1.94	2.6	25.81	21.76	0	0	87	1	1	1	0	1	0	0.140	0.02
110	107	8.78	1.99	2.6	26.56	22	0	0	96	1	1	1	0	1	0	0.140	0.02
111	108	8.86	2.1	2.6	26.4	22.13	0	0	105	1	1	1	0	1	0	0.140	0.02
112	109	8.94	2.22	2.6	25.32	21.27	0	0	107	1	1	1	0	1	0	0.140	0.02
113	110	9.02	2.22	2.6	23.71	19.26	0	0	94	1	0	1	0	1	0	0.140	0.02
114	111	9.1	2.12	2.6	21.55	18.35	0	0	69	1	0	1	1	1	0	0.140	0.02
115	112	9.19	1.95	2.7	19.79	16.23	0	0	48	1	0	1	1	1	0	0.140	0.02
116	113	9.27	1.81	2.7	18.19	15.24	0	0	33	1	0	1	1	1	0	0.140	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	1.75	2.7	17.61	14.62	0	0	28	1	0	1	1	1	0	0.140	0.02
118	115	9.43	1.71	2.7	17.4	14.78	0	0	26	1	0	1	1	1	0	0.140	0.02
119	116	9.51	1.66	2.7	17.72	14.72	0	0	26	1	0	1	1	1	0	0.140	0.02
120	117	9.6	1.57	2.6	18.08	15.5	0	0	26	1	0	1	1	1	0	0.140	0.02
121	118	9.68	1.46	2.6	18.81	15.93	0	0	26	1	0	1	1	1	0	0.140	0.02
122	119	9.76	1.43	2.6	20.22	16.91	0	0	31	1	1	1	1	1	0	0.140	0.02
123	120	9.84	1.4	2.5	22.44	19.27	0	0	39	1	1	1	1	1	0	0.140	0.02
124	121	9.92	1.4	2.5	24.86	21.76	0	0	49	1	1	1	1	1	0	0.140	0.02
125	122	10.01	1.42	2.5	25.3	23.34	0	0	51	1	1	1	1	1	0	0.140	0.02
126	123	10.09	1.52	2.5	23.29	20.52	0	0	48	1	1	1	1	1	0	0.140	0.02
127	124	10.17	1.69	2.6	19.75	16.54	0	0	37	1	0	1	1	1	0	0.140	0.02
128	125	10.25	1.84	2.7	16.61	14.06	0	0	24	1	0	1	1	1	0	0.140	0.02
129	126	10.33	1.91	2.8	14.57	12.43	0	0	13	1	0	1	1	1	0	0.140	0.02
130	127	10.42	1.94	2.8	13.05	11.4	0	0	4	1	0	1	1	1	0	0.140	0.02
131	128	10.5	1.95	2.8	11.83	10.26	0	0	-4	1	0	1	1	1	0	0.140	0.02
132	129	10.58	1.92	2.9	10.93	9.39	0	0	-10	1	0	1	1	1	0	0.140	0.02
133	130	10.66	1.86	2.9	10.48	9.17	0	0	-12	1	0	1	1	1	0	0.140	0.02
134	131	10.74	1.84	2.9	10.48	9.21	0	0	-12	1	0	1	1	1	0	0.140	0.02
135	132	10.83	1.92	2.9	10.89	9.44	0	0	-10	1	0	1	1	1	0	0.140	0.02
136	133	10.91	2.04	2.9	11.63	10.24	0	0	-6	1	0	1	1	1	0	0.140	0.02
137	134	10.99	2.24	2.8	12.66	11.08	0	0	-1	1	0	1	1	1	0	0.140	0.02
138	135	11.07	2.43	2.8	13.86	12.05	0	0	14	1	0	1	1	1	0	0.140	0.02
139	136	11.15	2.61	2.8	15.51	13.33	0	0	36	1	0	1	1	1	0	0.140	0.02
140	137	11.24	2.61	2.8	17.64	15.34	0	0	61	1	0	1	1	1	0	0.140	0.02
141	138	11.32	2.53	2.7	19.93	17.69	0	0	82	1	0	1	0	1	0	0.140	0.02
142	139	11.4	2.41	2.7	22.16	19.49	0	0	96	1	0	1	0	1	0	0.140	0.02
143	140	11.48	2.35	2.6	23.93	21.42	0	0	108	1	0	1	0	1	0	0.140	0.02
144	141	11.56	2.29	2.6	25.18	22.49	0	0	113	1	0	1	0	1	0	0.140	0.02
145	142	11.65	2.3	2.6	25.68	22.94	0	0	119	1	0	1	0	1	0	0.140	0.02
146	143	11.73	2.27	2.6	26.23	22.76	0	0	120	1	1	1	0	1	0	0.140	0.02
147	144	11.81	2.12	2.6	27.88	24	0	0	118	1	1	1	0	1	0	0.140	0.02
148	145	11.89	1.82	2.5	31.75	27.57	0	0	112	1	1	1	0	1	0	0.140	0.02
149	146	11.97	1.51	2.4	38.28	33.79	0	0	113	1	1	1	0	1	0	0.140	0.02
150	147	12.06	1.34	2.3	45.95	42.68	0	0	125	1	1	1	0	1	0	0.140	0.02
151	148	12.14	1.29	2.2	52.45	49.66	0	0	142	1	1	1	0	1	0	0.140	0.02
152	149	12.22	1.31	2.2	56.16	52.45	0.02	0.27	158	1	1	1	0	1	0	0.140	0.02
153	150	12.3	1.34	2.2	58.12	53.36	0.02	0.27	170	1	1	1	0	1	0	0.120	0.02
154	151	12.38	1.36	2.2	59.7	55.21	0.02	0.25	179	1	1	1	0	1	0	0.100	0.02
155	152	12.47	1.39	2.2	60.65	56.98	0.02	0.24	188	1	1	1	0	1	0	0.080	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.48	2.2	60.4	55.98	0	0	203	1	1	1	0	1	0	0.060	0.02
157	154	12.63	1.67	2.2	58.17	54.25	0	0	232	1	1	1	0	1	0	0.060	0.02
158	155	12.71	1.89	2.3	55.51	50.13	0	0	267	1	1	1	0	1	0	0.060	0.02
159	156	12.8	2.13	2.3	53	48.02	0	0	313	1	1	1	0	1	0	0.060	0.02
160	157	12.88	2.39	2.4	51.64	46.83	0	0	382	1	1	1	0	1	0	0.060	0.02
161	158	12.96	2.73	2.4	49.76	45.99	0	0	491	1	1	1	0	1	0	0.060	0.02
162	159	13.04	3.12	2.5	45.43	42.45	0	0	609	1	1	0	0	1	0	0.060	0.02
163	160	13.12	3.44	2.6	40.25	34.76	0	0	674	1	1	0	0	1	0	0.060	0.02
164	161	13.21	3.64	2.6	35.33	31.92	0	0	656	1	0	0	0	1	0	0.060	0.02
165	162	13.29	3.64	2.6	32.73	29.29	0	0	581	1	0	0	0	1	0	0.060	0.02
166	163	13.37	3.46	2.6	31.48	27.93	0	0	469	1	0	0	0	1	0	0.060	0.02
167	164	13.45	3.2	2.6	30.94	28.82	0	0	365	1	0	0	0	1	0	0.060	0.02
168	165	13.53	2.93	2.6	30.6	28.19	0	0	284	1	0	1	0	1	0	0.060	0.02
169	166	13.62	2.82	2.6	28.79	27.38	0	0	232	1	0	1	0	1	0	0.060	0.02
170	167	13.7	2.71	2.6	26.63	24.12	0	0	183	1	0	1	0	1	0	0.060	0.02
171	168	13.78	2.67	2.7	24.49	22.48	0	0	150	1	0	1	0	1	0	0.060	0.02
172	169	13.86	2.54	2.7	23.49	21.6	0	0	123	1	0	1	0	1	0	0.060	0.02
173	170	13.94	2.45	2.7	23.13	21.52	0	0	09	1	0	1	0	1	0	0.060	0.02
174	171	14.03	2.38	2.6	23.17	21.61	0	0	03	1	0	1	0	1	0	0.060	0.02
175	172	14.11	2.37	2.6	23.26	21.83	0	0	13	1	0	1	0	1	0	0.060	0.02
176	173	14.19	2.42	2.6	23.3	21.86	0	0	108	1	0	1	0	1	0	0.060	0.02
177	174	14.27	2.49	2.7	23.18	21.82	0	0	14	1	0	1	0	1	0	0.060	0.02
178	175	14.35	2.56	2.7	22.96	21.58	0	0	119	1	0	1	0	1	0	0.060	0.02
179	176	14.44	2.62	2.7	22.59	21.31	0	0	121	1	0	1	0	1	0	0.060	0.02
180	177	14.52	2.69	2.7	22.33	20.89	0	0	125	1	0	1	0	1	0	0.060	0.02
181	178	14.6	2.75	2.7	22.33	20.94	0	0	132	1	0	1	0	1	0	0.060	0.02
182	179	14.68	2.8	2.7	22.62	21.41	0	0	142	1	0	1	0	1	0	0.060	0.02
183	180	14.76	2.78	2.7	23.03	21.76	0	0	145	1	0	1	0	1	0	0.060	0.02
184	181	14.85	2.71	2.7	23.28	22.24	0	0	140	1	0	1	0	1	0	0.060	0.02
185	182	14.93	2.67	2.7	23.36	22.25	0	0	136	1	0	1	0	1	0	0.060	0.02
186	183	15.01	2.68	2.7	23.26	22.15	0	0	136	1	0	1	0	1	0	0.060	0.02
187	184	15.09	2.69	2.7	23.18	22.08	0	0	136	1	0	1	0	1	0	0.060	0.02
188	185	15.17	2.66	2.7	23.16	22.11	0	0	132	1	0	1	0	1	0	0.060	0.02
189	186	15.26	2.64	2.7	23.09	22.2	0	0	129	1	0	1	0	1	0	0.060	0.02
190	187	15.34	2.68	2.7	22.93	22	0	0	132	1	0	1	0	1	0	0.060	0.02
191	188	15.42	2.74	2.7	22.82	21.74	0	0	137	1	0	1	0	1	0	0.060	0.02
192	189	15.5	2.76	2.7	22.86	21.99	0	0	140	1	0	1	0	1	0	0.060	0.02
193	190	15.58	2.72	2.7	23.05	22.2	0	0	138	1	0	1	0	1	0	0.060	0.02
194	191	15.67	2.65	2.7	23.15	22.39	0	0	131	1	0	1	0	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.57	2.7	23.21	22.45	0	0	123	1	0	1	0	1	0	0.060	0.02
196	193	15.83	2.55	2.7	23.12	22.53	0	0	119	1	0	1	0	1	0	0.060	0.02
197	194	15.91	2.57	2.7	22.88	22.28	0	0	119	1	0	1	0	1	0	0.060	0.02
198	195	15.99	2.66	2.7	22.6	21.81	0	0	125	1	0	1	0	1	0	0.060	0.02
199	196	16.08	2.72	2.7	22.46	21.7	0	0	130	1	0	1	0	1	0	0.060	0.02
200	197	16.16	2.74	2.7	22.56	21.8	0	0	134	1	0	1	0	1	0	0.060	0.02
201	198	16.24	2.75	2.7	22.72	22.13	0	0	137	1	0	1	0	1	0	0.060	0.02
202	199	16.32	2.77	2.7	22.69	22.27	0	0	139	1	0	1	0	1	0	0.060	0.02
203	200	16.4	2.81	2.7	22.63	21.88	0	0	143	1	0	1	0	1	0	0.060	0.02
204	201	16.49	2.87	2.7	22.76	22.11	0	0	153	1	0	1	0	1	0	0.060	0.02
205	202	16.57	2.86	2.7	22.64	22.8	0	0	150	1	0	1	0	1	0	0.060	0.02
206	203	16.65	2.81	2.7	22.19	21.69	0	0	137	1	0	1	0	1	0	0.060	0.02
207	204	16.73	2.87	2.7	20.99	20.99	0	0	126	1	0	1	0	1	0	0.060	0.02
208	205	16.81	3.08	2.8	20.1	19.47	0	0	136	1	0	0	0	1	0	0.060	0.02
209	206	16.9	3.36	2.8	19.21	19.17	0	0	152	1	0	0	0	1	0	0.060	0.02
210	207	16.98	3.52	2.8	18.27	18.53	0	0	150	1	0	0	0	1	0	0.060	0.02
211	208	17.06	3.32	2.8	18.59	16.9	0	0	134	1	0	0	0	1	0	0.060	0.02
212	209	17.14	3.24	2.8	18.59	20.43	0	0	135	1	0	0	0	1	0	0.060	0.02
213	210	17.22	3.17	2.8	19.21	18.8	0	0	129	1	0	0	0	1	0	0.060	0.02
214	211	17.31	3.3	2.8	18.79	18.9	0	0	136	1	0	0	0	1	0	0.060	0.02
215	212	17.39	3.21	2.8	19.39	19.25	0	0	138	1	0	0	0	1	0	0.060	0.02
216	213	17.47	3.09	2.8	20.09	20.61	0	0	137	1	0	0	0	1	0	0.060	0.02
217	214	17.55	3.04	2.8	20.59	21.07	0	0	140	1	0	0	0	1	0	0.060	0.02
218	215	17.63	3.15	2.8	20.29	20.88	0	0	148	1	0	0	0	1	0	0.060	0.02
219	216	17.72	3.29	2.8	19.35	19.89	0	0	146	1	0	0	0	1	0	0.060	0.02
220	217	17.8	3.39	2.8	18.13	18.43	0	0	131	1	0	0	0	1	0	0.060	0.02
221	218	17.88	3.3	2.8	17.17	17.34	0	0	101	1	0	0	0	1	0	0.060	0.02
222	219	17.96	3.18	2.8	16.62	17.1	0	0	80	1	0	0	0	1	0	0.060	0.02
223	220	18.04	3.06	2.8	16.4	16.8	0	0	68	1	0	0	1	1	0	0.060	0.02
224	221	18.13	3.04	2.8	16.21	16.74	0	0	64	1	0	0	1	1	0	0.060	0.02
225	222	18.21	3.02	2.8	16.13	16.58	0	0	62	1	0	0	1	1	0	0.060	0.02
226	223	18.29	3.03	2.8	16	16.66	0	0	60	1	0	0	1	1	0	0.060	0.02
227	224	18.37	3.06	2.8	15.88	16.47	0	0	59	1	0	0	1	1	0	0.060	0.02
228	225	18.45	3.11	2.9	15.72	16.32	0	0	59	1	0	0	1	1	0	0.060	0.02
229	226	18.54	3.11	2.9	15.69	16.27	0	0	58	1	0	0	1	1	0	0.060	0.02
230	227	18.62	3.12	2.8	15.9	16.51	0	0	63	1	0	0	1	1	0	0.060	0.02
231	228	18.7	3.09	2.8	16.25	17.06	0	0	68	1	0	0	1	1	0	0.060	0.02
232	229	18.78	3.11	2.8	16.5	17.41	0	0	73	1	0	0	1	1	0	0.060	0.02
233	230	18.86	3.1	2.8	16.53	17.35	0	0	73	1	0	0	1	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.09	2.8	16.56	17.27	0	0	73	1	0	0	1	1	0	0.060	0.02
235	232	19.03	2.94	2.8	16.99	17.59	0	0	71	1	0	1	1	1	0	0.060	0.02
236	233	19.11	2.87	2.8	17.69	18.76	0	0	77	1	0	1	1	1	0	0.060	0.02
237	234	19.19	2.9	2.8	18.47	19.51	0	0	91	1	0	1	0	1	0	0.060	0.02
238	235	19.27	3.06	2.8	18.7	20.02	0	0	109	1	0	0	0	1	0	0.060	0.02
239	236	19.36	3.26	2.8	18.72	19.56	0	0	130	1	0	0	0	1	0	0.060	0.02
240	237	19.44	3.44	2.8	18.81	19.65	0	0	153	1	0	0	0	1	0	0.060	0.02
241	238	19.52	3.53	2.8	19.5	20.43	0	0	183	1	0	0	0	1	0	0.060	0.02
242	239	19.6	3.52	2.8	20.38	21.75	0	0	205	1	0	0	0	1	0	0.060	0.02
243	240	19.68	3.52	2.8	20.73	22.51	0	0	214	1	0	0	0	1	0	0.060	0.02
244	241	19.77	3.63	2.8	20.29	21.72	0	0	222	1	0	0	0	1	0	0.060	0.02
245	242	19.85	3.82	2.8	19.44	20.66	0	0	232	1	0	0	0	1	0	0.060	0.02
246	243	19.93	4	2.9	18.55	20.07	0	0	234	1	0	0	0	1	0	0.060	0.02
247	244	20.01	4.04	2.9	17.4	19.11	0	0	196	1	0	0	0	1	0	0.060	0.02
248	245	20.09	3.97	2.9	16.11	17.22	0	0	136	1	0	0	0	1	0	0.060	0.02
249	246	20.18	3.72	2.9	15.19	16.17	0	0	83	1	0	0	0	1	0	0.060	0.02
250	247	20.26	3.46	2.9	14.79	16.29	0	0	57	1	0	0	1	1	0	0.060	0.02
251	248	20.34	3.21	2.9	14.77	16.02	0	0	45	1	0	0	1	1	0	0.060	0.02
252	249	20.42	3.23	2.9	14.65	16.08	0	0	44	1	0	0	1	1	0	0.060	0.02
253	250	20.5	3.27	2.9	14.55	15.95	0	0	43	1	0	0	1	1	0	0.060	0.02
254	251	20.59	3.33	2.9	14.22	15.79	0	0	38	1	0	0	1	1	0	0.060	0.02
255	252	20.67	3.3	2.9	13.68	15.17	0	0	25	1	0	0	1	1	0	0.060	0.02
256	253	20.75	3.34	2.9	13.07	14.34	0	0	13	1	0	0	1	1	0	0.060	0.02
257	254	20.83	3.38	2.9	12.62	13.92	0	0	3	1	0	0	1	1	0	0.060	0.02
258	255	20.92	3.38	3.0	12.4	13.78	0	0	-2	1	0	0	1	1	0	0.060	0.02
259	256	21	3.38	3.0	12.41	13.65	0	0	-2	1	0	0	1	1	0	0.060	0.02
260	257	21.08	3.36	2.9	12.79	14	0	0	7	1	0	0	1	1	0	0.060	0.02
261	258	21.16	3.33	2.9	13.81	15.04	0	0	29	1	0	0	1	1	0	0.060	0.02
262	259	21.24	3.39	2.9	15.19	16.98	0	0	63	1	0	0	1	1	0	0.060	0.02
263	260	21.33	3.48	2.9	16.32	18.5	0	0	96	1	0	0	0	1	0	0.060	0.02
264	261	21.41	3.72	2.9	15.78	18.94	0	0	101	1	0	0	0	1	0	0.060	0.02
265	262	21.49	4	3.0	13.94	15.63	0	0	56	1	0	0	1	1	0	0.060	0.02
266	263	21.57	4.3	3.0	11.57	12.91	0	0	-46	1	0	0	1	1	0	0.060	0.02
267	264	21.65	4.28	3.1	9.91	11.41	0	0	-126	1	0	0	1	1	0	0.060	0.02
268	265	21.74	3.89	3.1	9.13	10.28	0	0	-119	1	0	0	1	1	0	0.060	0.02
269	266	21.82	3.31	3.1	8.99	10.33	0	0	-76	1	0	0	1	1	0	0.060	0.02
270	267	21.9	2.84	3.0	9.1	10.89	0	0	-49	1	0	1	1	1	0	0.060	0.02
271	268	21.98	2.59	3.0	8.98	10.6	0	0	-41	1	0	1	1	1	0	0.060	0.02
272	269	22.06	2.56	3.0	8.51	9.97	0	0	-45	1	0	1	1	1	0	0.060	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.55	3.0	8.09	9.43	0	0	-50	1	0	1	1	1	0	0.060	0.02
274	271	22.23	2.38	3.0	8.12	9.25	0	0	-42	1	0	1	1	1	0	0.060	0.02
275	272	22.31	2.28	3.0	8.61	9.99	0	0	-34	1	0	1	1	1	0	0.060	0.02
276	273	22.39	2.34	3.0	9.41	10.96	0	0	-29	1	0	1	1	1	0	0.060	0.02
277	274	22.47	2.55	3.0	10.35	11.8	0	0	-24	1	0	1	1	1	0	0.060	0.02
278	275	22.56	2.86	2.9	11.46	12.97	0	0	-15	1	0	1	1	1	0	0.060	0.02
279	276	22.64	3.08	2.9	12.72	14.61	0	0	4	1	0	0	1	1	0	0.060	0.02
280	277	22.72	3.34	2.9	13.27	16.06	0	0	17	1	0	0	1	1	0	0.060	0.02
281	278	22.8	3.63	3.0	12.94	15.18	0	0	13	1	0	0	1	1	0	0.060	0.02
282	279	22.88	3.93	3.0	12.24	13.87	0	0	-10	1	0	0	1	1	0	0.060	0.02
283	280	22.97	3.89	3.0	12.44	13.94	0	0	-2	1	0	0	1	1	0	0.060	0.02
284	281	23.05	3.23	2.9	14.86	15.82	0	0	48	1	0	0	1	1	0	0.060	0.02
285	282	23.13	2.52	2.7	19.6	21.85	0	0	78	1	0	1	1	1	0	0.060	0.02
286	283	23.21	2.04	2.6	26.39	29.11	0	0	99	1	1	1	0	1	0	0.060	0.02
287	284	23.29	1.86	2.5	32.66	37.58	0	0	122	1	1	1	0	1	0	0.060	0.02
288	285	23.38	1.8	2.4	37.47	42.11	0	0	143	1	1	1	0	1	0	0.060	0.02
289	286	23.46	1.8	2.4	39.59	44.76	0.02	0.28	155	1	1	1	0	1	0	0.060	0.02
290	287	23.54	1.85	2.4	39.06	44.6	0	0	159	1	1	1	0	1	0	0.040	0.02
291	288	23.62	2.05	2.5	36.24	40.74	0	0	171	1	1	1	0	1	0	0.040	0.02
292	289	23.7	2.43	2.5	31.76	36.21	0	0	195	1	1	1	0	1	0	0.040	0.02
293	290	23.79	2.99	2.7	26.94	30.78	0	0	239	1	0	1	0	1	0	0.040	0.02
294	291	23.87	3.7	2.8	21.75	25.73	0	0	279	1	0	0	0	1	0	0.040	0.02
295	292	23.95	4.49	2.9	17.09	19.77	0	0	265	1	0	0	0	1	0	0.040	0.02
296	293	24.03	5.09	3.0	13.64	15.38	0	0	106	1	0	0	0	1	0	0.040	0.02
297	294	24.11	5.19	3.1	11.57	13.99	0	0	-93	1	0	0	1	1	0	0.040	0.02
298	295	24.2	4.53	3.1	11.19	12.72	0	0	-78	1	0	0	1	1	0	0.040	0.02
299	296	24.28	3.69	3.0	12.42	14.06	0	0	-2	1	0	0	1	1	0	0.040	0.02
300	297	24.36	3.13	2.9	15.29	18.15	0	0	52	1	0	0	1	1	0	0.040	0.02
301	298	24.44	3.24	2.8	17.85	22.59	0	0	110	1	0	0	0	1	0	0.040	0.02
302	299	24.52	3.5	2.8	18.47	22.82	0	0	153	1	0	0	0	1	0	0.040	0.02
303	300	24.61	3.99	2.9	16.58	20.61	0	0	157	1	0	0	0	1	0	0.040	0.02
304	301	24.69	4.37	3.0	14.46	16.37	0	0	103	1	0	0	0	1	0	0.040	0.02
305	302	24.77	4.57	3.0	13.45	15.55	0	0	58	1	0	0	1	1	0	0.040	0.02
306	303	24.85	3.66	2.9	16.44	17.06	0	0	115	1	0	0	0	1	0	0.040	0.02
307	304	24.93	2.67	2.7	22.59	26.71	0	0	126	1	0	1	0	1	0	0.040	0.02
308	305	25.02	2.08	2.5	29.68	35.81	0	0	127	1	1	1	0	1	0	0.040	0.02
309	306	25.1	1.89	2.5	34.27	40.02	0	0	135	1	1	1	0	1	0	0.040	0.02
310	307	25.18	1.91	2.4	35.04	41.68	0	0	143	1	1	1	0	1	0	0.040	0.02
311	308	25.26	2.05	2.5	33.44	38.48	0	0	150	1	1	1	0	1	0	0.040	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.38	2.6	29.81	35.14	0	0	167	1	1	1	0	1	0	0.040	0.02
313	310	25.43	2.8	2.7	25.58	30.29	0	0	183	1	0	1	0	1	0	0.040	0.02
314	311	25.51	3.19	2.7	21.82	24.99	0	0	183	1	0	0	0	1	0	0.040	0.02
315	312	25.59	3.34	2.8	19.2	22.93	0	0	149	1	0	0	0	1	0	0.040	0.02
316	313	25.67	3.42	2.8	17.52	21.63	0	0	120	1	0	0	0	1	0	0.040	0.02
317	314	25.75	3.57	2.9	15.98	19.4	0	0	94	1	0	0	0	1	0	0.040	0.02
318	315	25.84	3.98	3.0	14.14	17.56	0	0	62	1	0	0	1	1	0	0.040	0.02
319	316	25.92	4.37	3.0	13.24	15.18	0	0	39	1	0	0	1	1	0	0.040	0.02
320	317	26	4.45	3.0	13.38	16.2	0	0	49	1	0	0	1	1	0	0.040	0.02
321	318	26.08	4.29	3.0	14	18.08	0	0	74	1	0	0	1	1	0	0.040	0.02
322	319	26.16	4.53	3.0	13.55	17.38	0	0	63	1	0	0	1	1	0	0.040	0.02
323	320	26.25	5.1	3.1	12.31	14.72	0	0	-18	1	0	0	1	1	0	0.040	0.02
324	321	26.33	5.55	3.1	11.51	13.83	0	0	-131	1	0	0	1	1	0	0.040	0.02
325	322	26.41	5.07	3.1	12.21	14.61	0	0	-27	1	0	0	1	1	0	0.040	0.02
326	323	26.49	4.46	3.0	13.74	17.2	0	0	70	1	0	0	1	1	0	0.040	0.02
327	324	26.57	4.07	2.9	15.19	19.26	0	0	110	1	0	0	0	1	0	0.040	0.02
328	325	26.66	3.95	2.9	15.85	19.82	0	0	125	1	0	0	0	1	0	0.040	0.02
329	326	26.74	3.88	2.9	15.86	19.63	0	0	118	1	0	0	0	1	0	0.040	0.02
330	327	26.82	3.75	2.9	15.72	19.38	0	0	101	1	0	0	0	1	0	0.040	0.02
331	328	26.9	3.63	2.9	15.5	19.41	0	0	85	1	0	0	0	1	0	0.040	0.02
332	329	26.98	3.73	2.9	14.9	18.91	0	0	74	1	0	0	1	1	0	0.040	0.02
333	330	27.07	4.12	3.0	13.5	17.29	0	0	43	1	0	0	1	1	0	0.040	0.02
334	331	27.15	4.57	3.0	11.95	14.48	0	0	-34	1	0	0	1	1	0	0.040	0.02
335	332	27.23	4.64	3.1	10.66	13.48	0	0	-120	1	0	0	1	1	0	0.040	0.02
336	333	27.31	4.38	3.1	9.57	12.73	0	0	-155	1	0	0	1	1	0	0.040	0.02
337	334	27.39	4.23	3.2	8.29	10.7	0	0	-197	1	0	0	1	1	0	0.040	0.02
338	335	27.48	4.5	3.2	6.88	8.98	0	0	-327	1	0	0	1	1	0	0.040	0.02
339	336	27.56	4.72	3.3	5.83	7.81	0	0	-463	1	0	0	1	1	0	0.040	0.02
340	337	27.64	4.77	3.4	5.15	7.02	0	0	-530	1	0	0	1	1	0	0.040	0.02
341	338	27.72	4.32	3.3	5.07	6.61	0	0	-374	1	0	0	1	1	0	0.040	0.02
342	339	27.8	4.08	3.3	5.46	7.52	0	0	-291	1	0	0	1	1	0	0.040	0.02
343	340	27.89	4.16	3.3	6.09	8.35	0	0	-283	1	0	0	1	1	0	0.040	0.02
344	341	27.97	4.45	3.2	6.8	8.81	0	0	-318	1	0	0	1	1	0	0.040	0.02
345	342	28.05	4.06	3.1	8.63	10.02	0	0	-158	1	0	0	1	1	0	0.040	0.02
346	343	28.13	3.19	3.0	11.9	14.84	0	0	-12	1	0	0	1	1	0	0.040	0.02
347	344	28.21	2.62	2.8	15.44	20.46	0	0	35	1	0	1	1	1	0	0.040	0.02
348	345	28.3	2.4	2.7	18.26	22.56	0	0	57	1	0	1	1	1	0	0.040	0.02
349	346	28.38	2.39	2.7	19.63	24.34	0	0	70	1	0	1	1	1	0	0.040	0.02
350	347	28.46	2.39	2.7	20.43	25.2	0	0	77	1	0	1	1	1	0	0.040	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	2.35	2.7	20.77	25.33	0	0	78	1	0	1	1	1	0	0.040	0.02
352	349	28.63	2.35	2.7	21.07	25.51	0	0	81	1	0	1	0	1	0	0.040	0.02
353	350	28.71	2.16	2.6	21.54	26.28	0	0	72	1	0	1	1	1	0	0.040	0.02
354	351	28.79	1.82	2.6	21.96	26.73	0.02	0.43	55	1	0	1	1	1	0	0.040	0.02
355	352	28.87	1.5	2.5	22.19	26.47	0.02	0.44	42	1	1	1	1	1	0.02	0.020	0.02
356	353	28.95	1.39	2.5	22.06	26.57	0	0	37	1	1	1	1	1	0	0.000	0
357	354	29.04	1.57	2.6	20.8	26.12	0	0	38	1	1	1	1	1	0	0.000	0
358	355	29.12	2.01	2.7	18.72	22.63	0	0	43	1	0	1	1	1	0	0.000	0
359	356	29.2	2.67	2.8	15.95	20.28	0	0	43	1	0	1	1	1	0	0.000	0
360	357	29.28	3.58	2.9	13.58	17.32	0	0	30	1	0	0	1	1	0	0.000	0
361	358	29.36	4.25	3.0	12.16	14.32	0	0	-16	1	0	0	1	1	0	0.000	0
362	359	29.45	4.11	3.0	12.94	15.18	0	0	19	1	0	0	1	1	0	0.000	0
363	360	29.53	3.26	2.9	15.47	20.19	0	0	62	1	0	0	1	1	0	0.000	0
364	361	29.61	2.61	2.8	17.79	23.56	0	0	63	1	0	1	1	1	0	0.000	0
365	362	29.69	2.33	2.7	18.41	23.04	0	0	55	1	0	1	1	1	0	0.000	0
366	363	29.77	2.44	2.8	17.31	22.09	0	0	49	1	0	1	1	1	0	0.000	0
367	364	29.86	2.72	2.8	15.48	19.97	0	0	39	1	0	1	1	1	0	0.000	0
368	365	29.94	3.24	2.9	13.43	17.05	0	0	19	1	0	0	1	1	0	0.000	0
369	366	30.02	3.96	3.0	11.5	14.74	0	0	37	1	0	0	1	1	0	0.000	0
370	367	30.1	4.64	3.1	10.2	13	0	0	-1[illegible]0	1	0	0	1	1	0	0.000	0
371	368	30.18	5.17	3.2	9.3	12.38	0	0	-31[illegible]	1	0	0	1	1	0	0.000	0
372	369	30.27	5.5	3.2	8.42	11.51	0	0	[illegible]20	1	0	0	1	1	0	0.000	0
373	370	30.35	5.82	3.3	7.28	9.88	0	0	-849	1	0	0	1	1	0	0.000	0
374	371	30.43	6.18	3.4	6.09	8.3	0	0	-1366	1	0	0	1	1	0	0.000	0
375	372	30.51	6.22	3.4	5.27	7.25	0	0	-1587	1	0	0	1	1	0	0.000	0
376	373	30.59	5.81	3.4	5.01	6.97	0	0	-1209	1	0	0	1	1	0	0.000	0
377	374	30.68	5.08	3.4	5.17	7.37	0	0	-675	1	0	0	1	1	0	0.000	0
378	375	30.76	4.66	3.3	5.43	7.81	0	0	-467	1	0	0	1	1	0	0.000	0
379	376	30.84	4.82	3.3	5.56	7.9	0	0	-521	1	0	0	1	1	0	0.000	0
380	377	30.92	5.25	3.3	5.59	7.84	0	0	-726	1	0	0	1	1	0	0.000	0
381	378	31	5.57	3.4	5.62	7.94	0	0	-925	1	0	0	1	1	0	0.000	0
382	379	31.09	5.67	3.4	5.63	8.04	0	0	-997	1	0	0	1	1	0	0.000	0
383	380	31.17	5.77	3.4	5.58	7.91	0	0	-1084	1	0	0	1	1	0	0.000	0
384	381	31.25	5.93	3.4	5.46	7.77	0	0	-1244	1	0	0	1	1	0	0.000	0
385	382	31.33	6.15	3.4	5.34	7.61	0	0	-1492	1	0	0	1	1	0	0.000	0
386	383	31.41	6.23	3.4	5.25	7.53	0	0	-1603	1	0	0	1	1	0	0.000	0
387	384	31.5	6.21	3.4	5.17	7.46	0	0	-1597	1	0	0	1	1	0	0.000	0
388	385	31.58	6.12	3.4	5.12	7.35	0	0	-1504	1	0	0	1	1	0	0.000	0
389	386	31.66	6.09	3.4	5.05	7.36	0	0	-1484	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	6.21	3.4	4.93	7.21	0	0	-1649	1	0	0	1	1	0	0.000	0
391	388	31.82	6.28	3.4	4.83	6.96	0	0	-1760	1	0	0	1	1	0	0.000	0
392	389	31.91	6.32	3.5	4.78	7.01	0	0	-1825	1	0	0	1	1	0	0.000	0
393	390	31.99	5.89	3.4	4.83	7.06	0	0	-1315	1	0	0	1	1	0	0.000	0
394	391	32.07	5.53	3.4	4.82	7.14	0	0	-1002	1	0	0	1	1	0	0.000	0
395	392	32.15	5.1	3.4	4.79	6.97	0	0	-721	1	0	0	1	1	0	0.000	0
396	393	32.23	5.1	3.4	4.72	6.97	0	0	-728	1	0	0	1	1	0	0.000	0
397	394	32.32	5.14	3.4	4.74	6.91	0	0	-749	1	0	0	1	1	0	0.000	0
398	395	32.4	5.29	3.4	4.8	7.05	0	0	-835	1	0	0	1	1	0	0.000	0
399	396	32.48	5.35	3.4	4.95	7.16	0	0	-858	1	0	0	1	1	0	0.000	0
400	397	32.56	5.53	3.4	5.1	7.43	0	0	-965	1	0	0	1	1	0	0.000	0
401	398	32.64	5.71	3.4	5.23	7.58	0	0	-1088	1	0	0	1	1	0	0.000	0
402	399	32.73	6	3.4	5.28	7.66	0	0	-1345	1	0	0	1	1	0	0.000	0
403	400	32.81	6.22	3.4	5.29	7.61	0	0	-1583	1	0	0	1	1	0	0.000	0
404	401	32.89	6.35	3.4	5.24	7.64	0	0	-1755	1	0	0	1	1	0	0.000	0
405	402	32.97	6.32	3.4	5.18	7.51	0	0	-1731	1	0	0	1	1	0	0.000	0
406	403	33.05	6.21	3.4	5.05	7.41	0	0	-1623	1	0	0	1	1	0	0.000	0
407	404	33.14	6.06	3.4	4.9	7.2	0	0	-1[illegible]1	1	0	0	1	1	0	0.000	0
408	405	33.22	5.97	3.4	4.74	6.96	0	0	-1[illegible]13	1	0	0	1	1	0	0.000	0
409	406	33.3	5.81	3.4	4.62	6.84	0	0	-12[illegible]2	1	0	0	1	1	0	0.000	0
410	407	33.38	5.61	3.4	4.55	6.77	0	0	-1103	1	0	0	1	1	0	0.000	0
411	408	33.46	5.36	3.4	4.5	6.73	0	0	-[illegible]16	1	0	0	1	1	0	0.000	0
412	409	33.55	5.22	3.4	4.49	6.68	0	0	-823	1	0	0	1	1	0	0.000	0
413	410	33.63	5.29	3.4	4.49	6.73	0	0	-869	1	0	0	1	1	0	0.000	0
414	411	33.71	5.42	3.4	4.51	6.76	0	0	-958	1	0	0	1	1	0	0.000	0
415	412	33.79	5.52	3.4	4.51	6.74	0	0	-1034	1	0	0	1	1	0	0.000	0
416	413	33.87	5.55	3.4	4.53	6.76	0	0	-1056	1	0	0	1	1	0	0.000	0
417	414	33.96	5.65	3.4	4.53	6.84	0	0	-1140	1	0	0	1	1	0	0.000	0
418	415	34.04	5.76	3.4	4.55	6.77	0	0	-1236	1	0	0	1	1	0	0.000	0
419	416	34.12	5.89	3.5	4.55	6.82	0	0	-1363	1	0	0	1	1	0	0.000	0
420	417	34.2	5.9	3.4	4.62	6.86	0	0	-1362	1	0	0	1	1	0	0.000	0
421	418	34.28	5.86	3.4	4.7	7.03	0	0	-1308	1	0	0	1	1	0	0.000	0
422	419	34.37	5.76	3.4	4.78	7.15	0	0	-1200	1	0	0	1	1	0	0.000	0
423	420	34.45	5.76	3.4	4.73	7.16	0	0	-1208	1	0	0	1	1	0	0.000	0
424	421	34.53	5.77	3.4	4.58	6.85	0	0	-1240	1	0	0	1	1	0	0.000	0
425	422	34.61	5.67	3.5	4.37	6.6	0	0	-1180	1	0	0	1	1	0	0.000	0
426	423	34.69	5.35	3.5	4.22	6.43	0	0	-941	1	0	0	1	1	0	0.000	0
427	424	34.78	4.83	3.4	4.14	6.33	0	0	-633	1	0	0	1	1	0	0.000	0
428	425	34.86	4.35	3.4	4.05	6.31	0	0	-436	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.94	3.4	3.97	6.12	0	0	-315	1	0	0	1	1	0	0.000	0
430	427	35.02	3.74	3.4	3.89	6.05	0	0	-269	1	0	0	1	1	0	0.000	0
431	428	35.1	3.71	3.4	3.84	6.03	0	0	-264	1	0	0	1	1	0	0.000	0
432	429	35.19	3.81	3.4	3.82	5.93	0	0	-287	1	0	0	1	1	0	0.000	0
433	430	35.27	3.89	3.4	3.89	6.01	0	0	-305	1	0	0	1	1	0	0.000	0
434	431	35.35	4.06	3.4	4.08	6.28	0	0	-343	1	0	0	1	1	0	0.000	0
435	432	35.43	4.39	3.4	4.33	6.65	0	0	-435	1	0	0	1	1	0	0.000	0
436	433	35.51	4.89	3.4	4.46	6.9	0	0	-638	1	0	0	1	1	0	0.000	0
437	434	35.6	5.34	3.4	4.46	6.78	0	0	-906	1	0	0	1	1	0	0.000	0
438	435	35.68	5.77	3.5	4.35	6.66	0	0	-1276	1	0	0	1	1	0	0.000	0
439	436	35.76	6.13	3.5	4.34	6.51	0	0	-1675	1	0	0	1	1	0	0.000	0
440	437	35.84	6.26	3.4	4.76	6.76	0	0	-1750	1	0	0	1	1	0	0.000	0
441	438	35.92	6.21	3.4	5.8	8.22	0	0	-1460	1	0	0	1	1	0	0.000	0
442	439	36.01	5.75	3.3	7.88	10.4	0	0	-713	1	0	0	1	1	0	0.000	0
443	440	36.09	5.25	3.1	10.77	14.53	0	0	-182	1	0	0	1	1	0	0.000	0
444	441	36.17	4.93	3.0	13.66	19.17	0	0	95	1	0	0	0	1	0	0.000	0
445	442	36.25	4.91	3.0	15.68	21.44	0	0	256	1	0	0	0	1	0	0.000	0
446	443	36.33	4.94	3.0	16.72	22.38	0	0	[illegible]	1	0	0	0	1	0	0.000	0
447	444	36.42	4.74	2.9	17.51	23.28	0	0	53	1	0	0	0	1	0	0.000	0
448	445	36.5	4.33	2.9	18.65	24.58	0	0	[illegible]	1	0	0	0	1	0	0.000	0
449	446	36.58	3.95	2.8	19.9	26.87	0	0	[illegible]	1	0	0	0	1	0	0.000	0
450	447	36.66	3.59	2.8	20.91	28.23	0	0	[illegible]	1	0	0	0	1	0	0.000	0
451	448	36.74	3.2	2.8	21.2	28.32	0	0	172	1	0	0	0	1	0	0.000	0
452	449	36.83	2.77	2.7	20.62	27.49	0	0	111	1	0	1	0	1	0	0.000	0
453	450	36.91	2.4	2.7	19.11	25.57	0	0	65	1	0	1	1	1	0	0.000	0
454	451	36.99	2.36	2.8	16.99	22.37	0	0	43	1	0	1	1	1	0	0.000	0
455	452	37.07	2.81	2.8	14.66	19.81	0	0	31	1	0	1	1	1	0	0.000	0
456	453	37.16	3.76	3.0	12.66	17.23	0	0	5	1	0	0	1	1	0	0.000	0
457	454	37.24	4.79	3.1	11.09	14.65	0	0	-103	1	0	0	1	1	0	0.000	0
458	455	37.32	5.39	3.2	10.08	13.82	0	0	-284	1	0	0	1	1	0	0.000	0
459	456	37.4	5.56	3.2	9.4	13.39	0	0	-414	1	0	0	1	1	0	0.000	0
460	457	37.48	5.55	3.2	8.3	12.09	0	0	-556	1	0	0	1	1	0	0.000	0
461	458	37.57	5.48	3.3	7	9.69	0	0	-691	1	0	0	1	1	0	0.000	0
462	459	37.65	5.2	3.3	5.84	8.47	0	0	-674	1	0	0	1	1	0	0.000	0
463	460	37.73	4.65	3.4	5.1	7.72	0	0	-485	1	0	0	1	1	0	0.000	0
464	461	37.81	3.95	3.3	4.69	6.87	0	0	-290	1	0	0	1	1	0	0.000	0
465	462	37.89	3.46	3.3	4.54	6.92	0	0	-197	1	0	0	1	1	0	0.000	0
466	463	37.98	3.24	3.3	4.61	7.09	0	0	-162	1	0	0	1	1	0	0.000	0
467	464	38.06	3.43	3.3	4.71	7.03	0	0	-188	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	3.65	3.3	4.86	7.17	0	0	-221	1	0	0	1	1	0	0.000	0
469	466	38.22	3.82	3.3	5.12	7.56	0	0	-246	1	0	0	1	1	0	0.000	0
470	467	38.3	3.89	3.3	5.44	7.95	0	0	-250	1	0	0	1	1	0	0.000	0
471	468	38.39	4.15	3.3	5.6	8.29	0	0	-302	1	0	0	1	1	0	0.000	0
472	469	38.47	4.43	3.3	5.63	8.08	0	0	-378	1	0	0	1	1	0	0.000	0
473	470	38.55	4.54	3.3	5.49	8.04	0	0	-421	1	0	0	1	1	0	0.000	0
474	471	38.63	4.5	3.3	5.33	7.78	0	0	-417	1	0	0	1	1	0	0.000	0
475	472	38.71	4.4	3.3	5.16	7.53	0	0	-394	1	0	0	1	1	0	0.000	0
476	473	38.8	4.45	3.3	5.07	7.43	0	0	-415	1	0	0	1	1	0	0.000	0
477	474	38.88	4.41	3.3	5.17	7.44	0	0	-397	1	0	0	1	1	0	0.000	0
478	475	38.96	4.43	3.3	5.35	7.78	0	0	-393	1	0	0	1	1	0	0.000	0
479	476	39.04	4.51	3.3	5.55	8	0	0	-408	1	0	0	1	1	0	0.000	0
480	477	39.12	4.74	3.3	5.57	8.11	0	0	-488	1	0	0	1	1	0	0.000	0
481	478	39.21	4.91	3.3	5.46	7.94	0	0	-567	1	0	0	1	1	0	0.000	0
482	479	39.29	5.03	3.4	5.27	7.71	0	0	-640	1	0	0	1	1	0	0.000	0
483	480	39.37	5	3.4	5.07	7.49	0	0	-643	1	0	0	1	1	0	0.000	0
484	481	39.45	4.88	3.4	4.96	7.29	0	0	-593	1	0	0	1	1	0	0.000	0
485	482	39.53	4.49	3.4	4.99	7.31	0	0	-633	1	0	0	1	1	0	0.000	0
486	483	39.62	4.06	3.3	5.1	7.52	0	0	-601	1	0	0	1	1	0	0.000	0
487	484	39.7	3.77	3.3	5.34	7.65	0	0	-2[illegible]9	1	0	0	1	1	0	0.000	0
488	485	39.78	3.66	3.3	5.64	8.09	0	0	-200	1	0	0	1	1	0	0.000	0
489	486	39.86	3.57	3.2	6.06	8.57	0	0	-175	1	0	0	1	1	0	0.000	0
490	487	39.94	3.37	3.2	6.36	9.13	0	0	-141	1	0	0	1	1	0	0.000	0
491	488	40.03	3.25	3.2	6.38	9.21	0	0	-126	1	0	0	1	1	0	0.000	0
492	489	40.11	3.14	3.2	6.16	8.72	0	0	-119	1	0	0	1	1	0	0.000	0
493	490	40.19	3.01	3.2	5.91	8.37	0	0	-111	1	0	0	1	1	0	0.000	0
494	491	40.27	2.83	3.2	5.78	8.19	0	0	-97	1	0	1	1	1	0	0.000	0
495	492	40.35	3.13	3.2	5.86	8.14	0	0	-124	1	0	0	1	1	0	0.000	0
496	493	40.44	4.02	3.2	6.46	8.46	0	0	-238	1	0	0	1	1	0	0.000	0
497	494	40.52	4.67	3.2	8.09	10.21	0	0	-294	1	0	0	1	1	0	0.000	0
498	495	40.6	4.47	3.1	11.42	14.07	0	0	-61	1	0	0	1	1	0	0.000	0
499	496	40.68	4.15	2.9	15.06	21.49	0	0	112	1	0	0	0	1	0	0.000	0
500	497	40.76	4.18	2.9	16.77	25.23	0	0	192	1	0	0	0	1	0	0.000	0
501	498	40.85	4.51	3.0	15.69	21.84	0	0	187	1	0	0	0	1	0	0.000	0
502	499	40.93	5.06	3.1	12.82	18.02	0	0	29	1	0	0	1	1	0	0.000	0
503	500	41.01	5.59	3.2	10.32	14.12	0	0	-298	1	0	0	1	1	0	0.000	0
504	501	41.09	6.04	3.2	8.29	11.99	0	0	-808	1	0	0	1	1	0	0.000	0
505	502	41.17	6.26	3.3	7.07	10.07	0	0	-1228	1	0	0	1	1	0	0.000	0
506	503	41.26	5.51	3.3	6.49	9.28	0	0	-772	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	4.27	3.2	6.46	9.57	0	0	-292	1	0	0	1	1	0	0.000	0
508	505	41.42	3.23	3.2	6.41	9.74	0	0	-124	1	0	0	1	1	0	0.000	0
509	506	41.5	2.83	3.2	6.14	8.96	0	0	-91	1	0	1	1	1	0	0.000	0
510	507	41.58	3.12	3.2	5.59	8.44	0	0	-128	1	0	0	1	1	0	0.000	0
511	508	41.67	3.34	3.3	5.24	7.53	0	0	-162	1	0	0	1	1	0	0.000	0
512	509	41.75	3.93	3.3	5.41	7.43	0	0	-259	1	0	0	1	1	0	0.000	0
513	510	41.83	3.73	3.2	6.21	8.84	0	0	-195	1	0	0	1	1	0	0.000	0
514	511	41.91	3.59	3.2	6.7	10.34	0	0	-160	1	0	0	1	1	0	0.000	0
515	512	41.99	3.22	3.2	6.32	9.23	0	0	-124	1	0	0	1	1	0	0.000	0
516	513	42.08	3.1	3.2	5.34	7.57	0	0	-130	1	0	0	1	1	0	0.000	0
517	514	42.16	2.89	3.3	4.66	6.85	0	0	-119	1	0	1	1	1	0	0.000	0
518	515	42.24	2.61	3.3	4.39	6.66	0	0	-96	1	0	1	1	1	0	0.000	0
519	516	42.32	2.38	3.3	4.24	6.32	0	0	-80	1	0	1	1	1	0	0.000	0
520	517	42.4	2.24	3.3	4.08	5.96	0	0	-72	1	0	1	1	1	0	0.000	0
521	518	42.49	2.1	3.3	4.09	5.91	0	0	-63	1	0	1	1	1	0	0.000	0
522	519	42.57	2.15	3.2	4.34	6.16	0	0	-64	1	0	1	1	1	0	0.000	0
523	520	42.65	2.37	3.2	4.71	6.76	0	0	-75	1	0	1	1	1	0	0.000	0
524	521	42.73	2.64	3.2	5.09	7.24	0	0	-90	1	0	1	1	1	0	0.000	0
525	522	42.81	2.91	3.2	5.33	7.66	0	0	-111	1	0	1	1	1	0	0.000	0
526	523	42.9	3.18	3.2	5.46	7.88	0	0	-137	1	0	0	1	1	0	0.000	0
527	524	42.98	3.46	3.2	5.57	8.01	0	0	-171	1	0	0	1	1	0	0.000	0
528	525	43.06	3.63	3.2	5.72	8.19	0	0	-193	1	0	0	1	1	0	0.000	0
529	526	43.14	3.7	3.2	5.85	8.49	0	0	-201	1	0	0	1	1	0	0.000	0
530	527	43.22	3.65	3.2	5.89	8.56	0	0	-192	1	0	0	1	1	0	0.000	0
531	528	43.31	3.67	3.2	5.9	8.44	0	0	-194	1	0	0	1	1	0	0.000	0
532	529	43.39	3.64	3.2	5.91	8.56	0	0	-189	1	0	0	1	1	0	0.000	0
533	530	43.47	3.67	3.2	5.97	8.62	0	0	-192	1	0	0	1	1	0	0.000	0
534	531	43.55	3.67	3.2	6.04	8.64	0	0	-190	1	0	0	1	1	0	0.000	0
535	532	43.63	3.64	3.2	6.15	8.79	0	0	-182	1	0	0	1	1	0	0.000	0
536	533	43.72	3.67	3.2	6.32	9.1	0	0	-182	1	0	0	1	1	0	0.000	0
537	534	43.8	3.73	3.2	6.49	9.33	0	0	-186	1	0	0	1	1	0	0.000	0
538	535	43.88	3.88	3.2	6.67	9.52	0	0	-205	1	0	0	1	1	0	0.000	0
539	536	43.96	4.04	3.2	6.77	9.85	0	0	-229	1	0	0	1	1	0	0.000	0
540	537	44.04	4.32	3.2	6.81	9.88	0	0	-286	1	0	0	1	1	0	0.000	0
541	538	44.13	4.71	3.3	6.74	9.86	0	0	-396	1	0	0	1	1	0	0.000	0
542	539	44.21	5.17	3.3	6.65	9.82	0	0	-578	1	0	0	1	1	0	0.000	0
543	540	44.29	5.63	3.3	6.52	9.7	0	0	-842	1	0	0	1	1	0	0.000	0
544	541	44.37	6.09	3.3	6.4	9.58	0	0	-1215	1	0	0	1	1	0	0.000	0
545	542	44.45	6.49	3.4	6.33	9.47	0	0	-1653	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	6.75	3.4	6.35	9.6	0	0	-1992	1	0	0	1	1	0	0.000	0
547	544	44.62	6.7	3.4	6.47	9.69	0	0	-1884	1	0	0	1	1	0	0.000	0
548	545	44.7	6.57	3.3	6.66	10.01	0	0	-1659	1	0	0	1	1	0	0.000	0
549	546	44.78	6.51	3.3	6.89	10.38	0	0	-1525	1	0	0	1	1	0	0.000	0
550	547	44.86	6.71	3.3	7.11	10.61	0	0	-1696	1	0	0	1	1	0	0.000	0
551	548	44.95	6.57	3.3	7.41	10.82	0	0	-1446	1	0	0	1	1	0	0.000	0
552	549	45.03	6.34	3.3	7.7	11.52	0	0	-1152	1	0	0	1	1	0	0.000	0
553	550	45.11	5.87	3.3	7.98	11.74	0	0	-764	1	0	0	1	1	0	0.000	0
554	551	45.19	5.58	3.2	8.09	11.9	0	0	-598	1	0	0	1	1	0	0.000	0
555	552	45.27	5.23	3.2	8.12	11.86	0	0	-453	1	0	0	1	1	0	0.000	0
556	553	45.36	5.12	3.2	8.04	11.82	0	0	-424	1	0	0	1	1	0	0.000	0
557	554	45.44	5.28	3.2	7.87	11.55	0	0	-498	1	0	0	1	1	0	0.000	0
558	555	45.52	5.61	3.3	7.66	11.17	0	0	-671	1	0	0	1	1	0	0.000	0
559	556	45.6	5.99	3.3	7.47	10.89	0	0	-930	1	0	0	1	1	0	0.000	0
560	557	45.69	6.29	3.3	7.3	10.81	0	0	-1202	1	0	0	1	1	0	0.000	0
561	558	45.77	6.67	3.3	7.1	10.65	0	0	-1651	1	0	0	1	1	0	0.000	0
562	559	45.85	6.96	3.3	6.9	10.27	0	0	-2112	1	0	0	1	1	0	0.000	0
563	560	45.93	7.27	3.4	6.7	10.21	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	7.46	3.4	6.54	10.02	0	0	-3[illegible]08	1	0	0	1	1	0	0.000	0
565	562	46.1	7.59	3.4	6.32	9.76	0	0	-36[illegible]5	1	0	0	1	1	0	0.000	0
566	563	46.18	7.74	3.4	6.02	9.43	0	0	-4244	1	0	0	1	1	0	0.000	0
567	564	46.26	8.05	3.5	5.63	8.87	0	0	-[illegible]76	1	0	0	1	1	0	0.000	0
568	565	46.34	8.54	3.5	5.19	8.32	0	0	-8284	1	0	0	1	1	0	0.000	0
569	566	46.42	8.72	3.5	4.81	7.72	0	0	-9835	1	0	0	1	1	0	0.000	0
570	567	46.51	8.59	3.6	4.49	7.44	0	0	-9389	1	0	0	1	1	0	0.000	0
571	568	46.59	8.11	3.6	4.26	7.08	0	0	-6970	1	0	0	1	1	0	0.000	0
572	569	46.67	7.56	3.6	4.07	6.79	0	0	-4868	1	0	0	1	1	0	0.000	0
573	570	46.75	6.77	3.5	3.98	6.64	0	0	-2801	1	0	0	1	1	0	0.000	0
574	571	46.83	5.97	3.5	3.95	6.66	0	0	-1557	1	0	0	1	1	0	0.000	0
575	572	46.92	5.29	3.5	3.96	6.63	0	0	-926	1	0	0	1	1	0	0.000	0
576	573	47	4.9	3.5	3.98	6.61	0	0	-681	1	0	0	1	1	0	0.000	0
577	574	47.08	4.61	3.4	4.01	6.71	0	0	-539	1	0	0	1	1	0	0.000	0
578	575	47.16	4.4	3.4	4.06	6.73	0	0	-453	1	0	0	1	1	0	0.000	0
579	576	47.24	4.24	3.4	4.08	6.75	0	0	-397	1	0	0	1	1	0	0.000	0
580	577	47.33	4.17	3.4	4.09	6.75	0	0	-374	1	0	0	1	1	0	0.000	0
581	578	47.41	4.03	3.4	4.11	6.73	0	0	-333	1	0	0	1	1	0	0.000	0
582	579	47.49	3.81	3.4	4.14	6.75	0	0	-277	1	0	0	1	1	0	0.000	0
583	580	47.57	3.53	3.4	4.16	6.8	0	0	-219	1	0	0	1	1	0	0.000	0
584	581	47.65	3.21	3.3	4.11	6.76	0	0	-168	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	2.89	3.3	4	6.5	0	0	-129	1	0	1	1	1	0	0.000	0
586	583	47.82	2.65	3.3	3.88	6.33	0	0	-106	1	0	1	1	1	0	0.000	0
587	584	47.9	2.72	3.3	3.81	6.24	0	0	-114	1	0	1	1	1	0	0.000	0
588	585	47.98	2.79	3.3	3.84	6.13	0	0	-120	1	0	1	1	1	0	0.000	0
589	586	48.06	2.84	3.3	3.94	6.32	0	0	-124	1	0	1	1	1	0	0.000	0
590	587	48.15	2.83	3.3	4.08	6.54	0	0	-121	1	0	1	1	1	0	0.000	0
591	588	48.23	2.9	3.3	4.16	6.63	0	0	-128	1	0	1	1	1	0	0.000	0
592	589	48.31	2.88	3.3	4.2	6.61	0	0	-125	1	0	1	1	1	0	0.000	0
593	590	48.39	2.68	3.3	4.24	6.64	0	0	-104	1	0	1	1	1	0	0.000	0
594	591	48.47	2.35	3.3	4.32	6.73	0	0	-77	1	0	1	1	1	0	0.000	0
595	592	48.56	2.19	3.2	4.37	6.85	0	0	-66	1	0	1	1	1	0	0.000	0
596	593	48.64	2.18	3.2	4.43	6.81	0	0	-65	1	0	1	1	1	0	0.000	0
597	594	48.72	2.43	3.3	4.43	6.81	0	0	-82	1	0	1	1	1	0	0.000	0
598	595	48.8	2.64	3.3	4.44	6.7	0	0	-98	1	0	1	1	1	0	0.000	0
599	596	48.88	2.78	3.3	4.4	6.73	0	0	-112	1	0	1	1	1	0	0.000	0
600	597	48.97	2.64	3.3	4.4	6.65	0	0	-99	1	0	1	1	1	0	0.000	0
601	598	49.05	2.49	3.3	4.42	6.69	0	0	-86	1	0	1	1	1	0	0.000	0
602	599	49.13	2.56	3.3	4.57	6.74	0	0	-90	1	0	1	1	1	0	0.000	0
603	600	49.21	2.79	3.2	4.96	7.14	0	0	-105	1	0	1	1	1	0	0.000	0
604	601	49.29	3.03	3.2	5.56	8.09	0	0	-179	1	0	0	1	1	0	0.000	0
605	602	49.38	3.11	3.2	6.15	9.06	0	0	-116	1	0	0	1	1	0	0.000	0
606	603	49.46	3.3	3.2	6.51	9.58	0	0	-129	1	0	0	1	1	0	0.000	0
607	604	49.54	3.81	3.2	6.87	9.81	0	0	-186	1	0	0	1	1	0	0.000	0
608	605	49.62	4.29	3.2	7.99	10.65	0	0	-221	1	0	0	1	1	0	0.000	0
609	606	49.7	4.45	3.1	9.96	14.06	0	0	-142	1	0	0	1	1	0	0.000	0
610	607	49.79	4.31	3.0	12.1	17.88	0	0	-20	1	0	0	1	1	0	0.000	0
611	608	49.87	4.19	3.0	12.94	20.2	0	0	20	1	0	0	1	1	0	0.000	0
612	609	49.95	4.44	3.0	11.97	18.6	0	0	-29	1	0	0	1	1	0	0.000	0
613	610	50.03	5.07	3.1	9.65	14.75	0	0	-260	1	0	0	1	1	0	0.000	0
614	611	50.11	6.07	3.3	7.2	10.83	0	0	-1040	1	0	0	1	1	0	0.000	0
615	612	50.2	5.04	3.4	5.32	8.56	0	0	-641	1	0	0	1	1	0	0.000	0
616	613	50.28	2.81	3.3	4.27	7.07	0	0	-116	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	3.66	6.56	0	0	-9	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	3.27	6.08	0	0	-9	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	3	5.44	0	0	-10	1	0	1	1	1	0	0.000	0

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GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

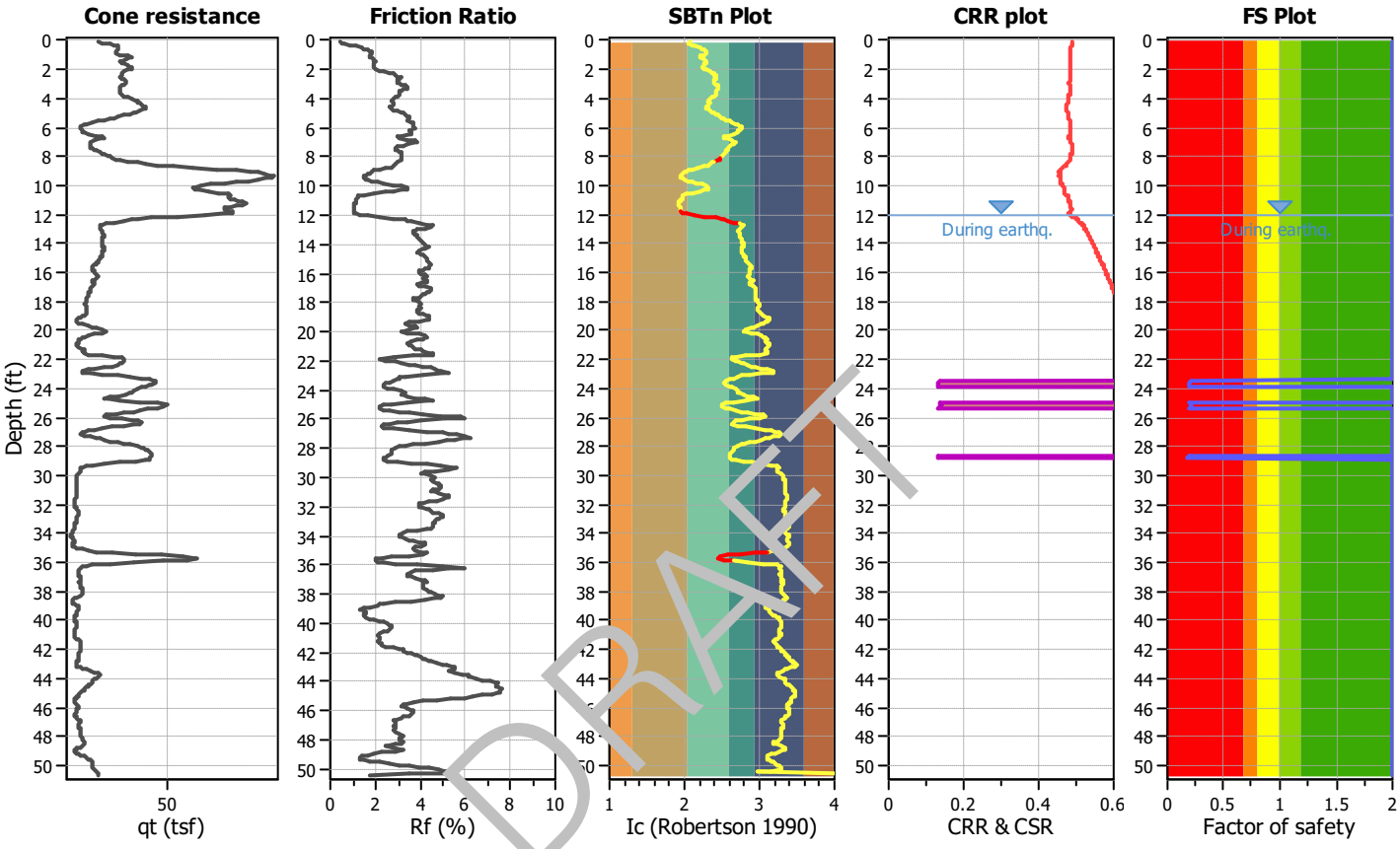
LIQUEFACTION ANALYSIS REPORT

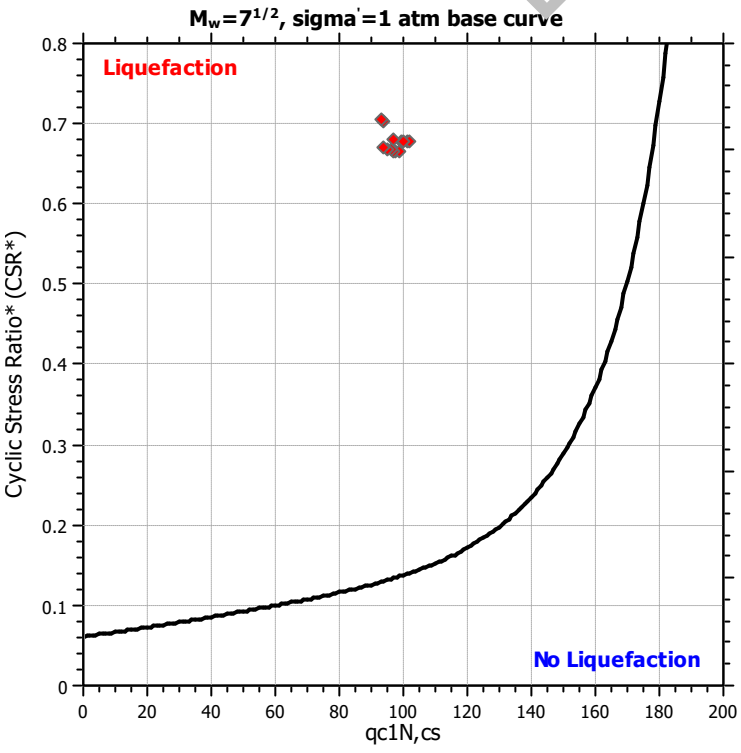
Project title : **Location :**

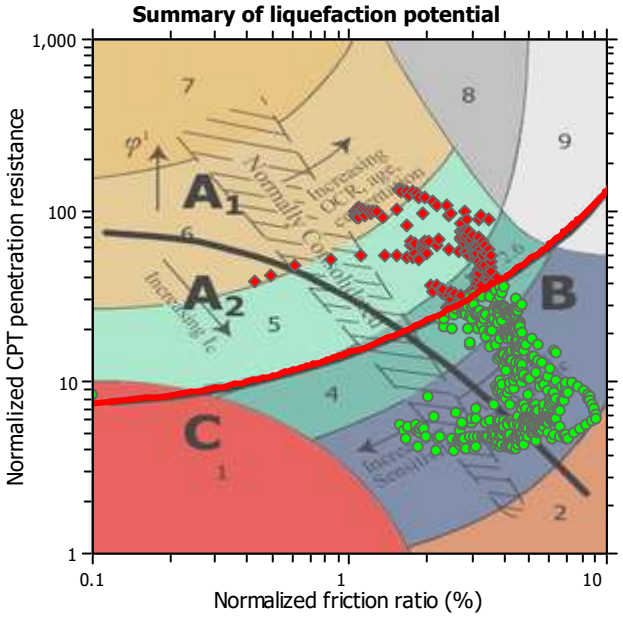
CPT file : CPT-25

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

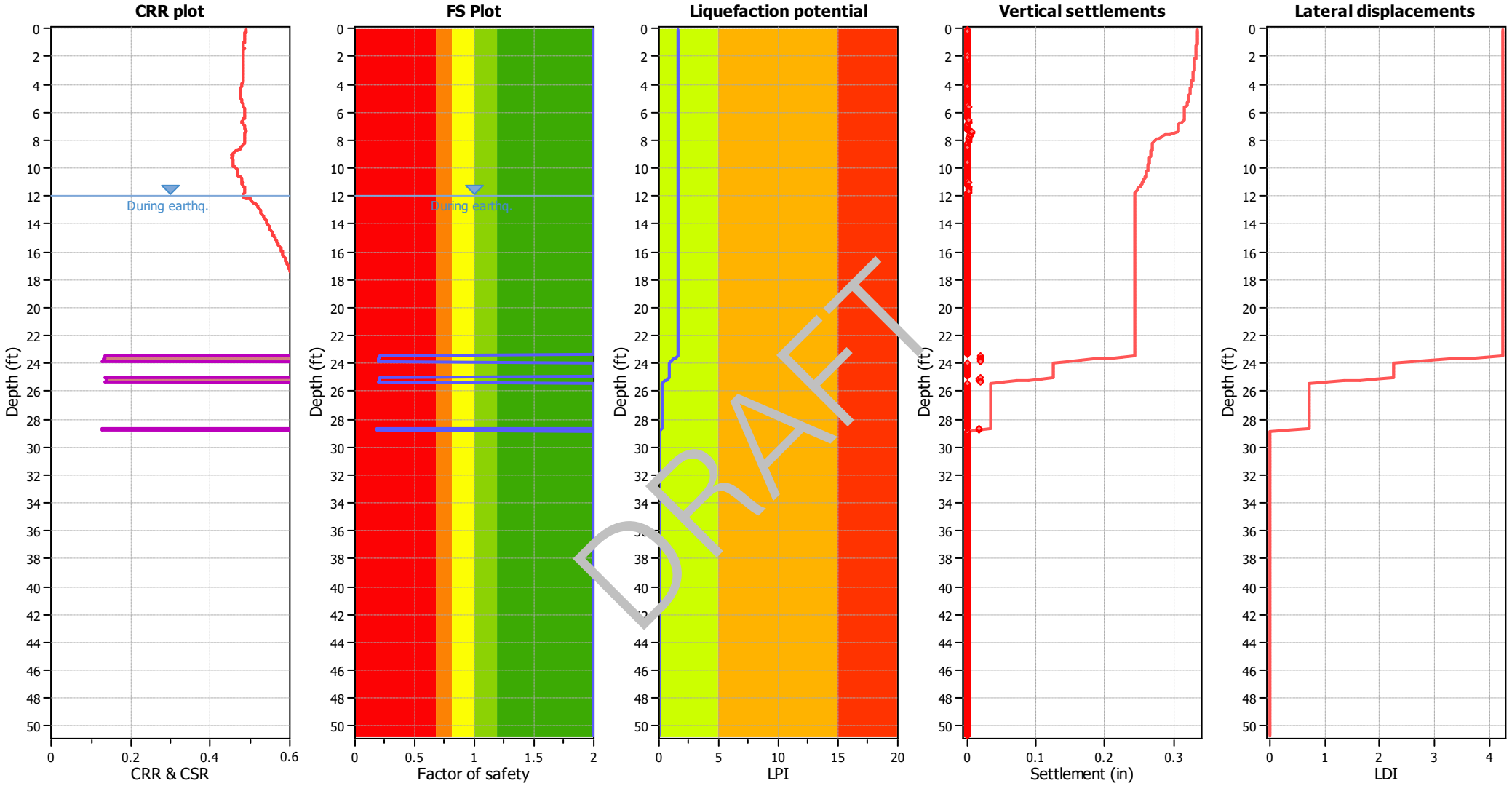






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-25, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0.43	2.1	38.34	29.16	0	0	40	1	1	1	1	1	0	0.260	0
5	2	0.16	0.49	2.1	41.94	39.27	0	0	48	1	1	1	1	1	0	0.260	0
6	3	0.25	0.61	2.1	48.54	38.28	0	0	66	1	1	1	1	1	0	0.260	0
7	4	0.33	0.84	2.1	51.57	45.96	0	0	90	1	1	1	0	1	0	0.260	0
8	5	0.41	1.11	2.1	54.7	46.99	0	0	126	1	1	1	0	1	0	0.260	0
9	6	0.49	1.36	2.2	54.84	46.33	0	0	161	1	1	1	0	1	0	0.260	0
10	7	0.57	1.53	2.2	54.72	46.37	0	0	188	1	1	1	0	1	0	0.260	0
11	8	0.66	1.66	2.3	54.09	46.75	0	0	209	1	1	1	0	1	0	0.260	0
12	9	0.74	1.76	2.3	53.53	44.77	0	0	226	1	1	1	0	1	0	0.260	0
13	10	0.82	1.86	2.3	52.52	44.97	0	0	242	1	1	1	0	1	0	0.260	0
14	11	0.9	1.84	2.3	53.6	44.22	0	0	244	1	1	1	0	1	0	0.260	0
15	12	0.98	1.79	2.3	56.72	47.58	0	0	250	1	1	1	0	1	0	0.260	0
16	13	1.07	1.72	2.2	62.17	52.96	0	0	264	1	1	1	0	1	0	0.260	0
17	14	1.15	1.74	2.2	65.37	58.16	0	0	286	1	1	1	0	1	0	0.260	0
18	15	1.23	1.81	2.2	64.87	55.76	0	0	3[illegible]2	1	1	1	0	1	0	0.260	0
19	16	1.31	1.92	2.3	60.78	51.7	0	0	308	1	1	1	0	1	0	0.260	0
20	17	1.39	1.97	2.3	57.4	47.78	0	0	300	1	1	1	0	1	0	0.260	0
21	18	1.48	1.98	2.3	56.44	47.17	0	0	296	1	1	1	0	1	0	0.260	0
22	19	1.56	1.97	2.3	57.7	49.3	0	0	302	1	1	1	0	1	0	0.260	0
23	20	1.64	1.94	2.3	59.95	51.06	0	0	308	1	1	1	0	1	0	0.260	0
24	21	1.72	1.91	2.3	61.93	52.96	0	0	313	1	1	1	0	1	0	0.260	0
25	22	1.8	1.92	2.2	63.98	54.38	0	[illegible]	329	1	1	1	0	1	0	0.260	0
26	23	1.89	1.97	2.2	65.5	56.29	0	0	354	1	1	1	0	1	0	0.260	0
27	24	1.97	2.04	2.3	65.54	56.86	0	0	378	1	1	1	0	1	0	0.260	0
28	25	2.05	2.19	2.3	63.06	54.52	0	0	412	1	1	1	0	1	0	0.260	0
29	26	2.13	2.42	2.3	59.63	50.01	0	0	472	1	1	1	0	1	0	0.260	0
30	27	2.21	2.64	2.4	58.24	48.14	0	0	557	1	1	1	0	1	0	0.260	0
31	28	2.3	2.78	2.4	58.22	51	0	0	630	1	1	1	0	1	0	0.260	0
32	29	2.38	2.87	2.4	58.12	50.01	0	0	679	1	1	1	0	1	0	0.260	0
33	30	2.46	3.03	2.4	57.01	47.9	0	0	762	1	1	0	0	1	0	0.260	0
34	31	2.54	3.13	2.4	56.74	48.21	0	0	825	1	1	0	0	1	0	0.260	0
35	32	2.62	3.12	2.4	57.85	49.35	0	0	838	1	1	0	0	1	0	0.260	0
36	33	2.71	3.04	2.4	59.39	50.75	0	0	809	1	1	0	0	1	0	0.260	0
37	34	2.79	2.99	2.4	60.64	52.15	0	0	796	1	1	1	0	1	0	0.260	0
38	35	2.87	3.02	2.4	61.41	52.57	0	0	830	1	1	0	0	1	0	0.260	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	3.11	2.4	60.94	52.73	0	0	888	1	1	0	0	1	0	0.260	0
40	37	3.03	3.21	2.4	59.85	50.96	0	0	946	1	1	0	0	1	0	0.260	0
41	38	3.12	3.35	2.4	58.08	49.83	0	0	1026	1	1	0	0	1	0	0.260	0
42	39	3.2	3.43	2.5	56.62	48.23	0	0	1062	1	1	0	0	1	0	0.260	0
43	40	3.28	3.42	2.5	55.67	47.25	0	0	1031	1	1	0	0	1	0	0.260	0
44	41	3.36	3.28	2.5	55.55	47.44	0	0	913	1	1	0	0	1	0	0.260	0
45	42	3.44	3.15	2.4	55.79	47.94	0	0	821	1	1	0	0	1	0	0.260	0
46	43	3.53	3.07	2.4	56.24	47.88	0	0	775	1	1	0	0	1	0	0.260	0
47	44	3.61	3.08	2.4	56.35	48.6	0	0	783	1	1	0	0	1	0	0.260	0
48	45	3.69	3.09	2.4	57.02	48.27	0	0	802	1	1	0	0	1	0	0.260	0
49	46	3.77	3.09	2.4	57.7	49.6	0	0	814	1	1	0	0	1	0	0.260	0
50	47	3.85	3.03	2.4	59.37	50.37	0	0	802	1	1	0	0	1	0	0.260	0
51	48	3.94	2.94	2.4	61.85	52.57	0	0	781	1	1	1	0	1	0	0.260	0
52	49	4.02	2.8	2.4	65.19	55.97	0	0	738	1	1	1	0	1	0	0.260	0
53	50	4.1	2.71	2.3	68.11	58.92	0	0	720	1	1	1	0	1	0	0.260	0
54	51	4.18	2.72	2.3	69.73	60.06	0	0	748	1	1	1	0	1	0	0.260	0
55	52	4.26	2.8	2.3	70.17	60.11	0	0	808	1	1	1	0	1	0	0.260	0
56	53	4.35	2.86	2.3	71.24	60.09	0	0	[illegible]	1	1	1	0	1	0	0.260	0
57	54	4.43	2.84	2.3	73.23	62.8	0	0	81[illegible]	1	1	1	0	1	0	0.260	0
58	55	4.51	2.77	2.3	75.16	65.21	0	0	8[illegible]	1	1	1	0	1	0	0.260	0
59	56	4.59	2.69	2.3	76.68	65.03	0	0	81[illegible]	1	1	1	0	1	0	0.260	0
60	57	4.68	2.71	2.3	76.33	66.72	0	0	[illegible]	1	1	1	0	1	0	0.260	0
61	58	4.76	2.81	2.3	74.95	64.34	0	0	883	1	1	1	0	1	0	0.260	0
62	59	4.84	3	2.3	71.82	61.53	0	0	989	1	1	0	0	1	0	0.260	0
63	60	4.92	3.15	2.4	69.1	58.74	0	0	1074	1	1	0	0	1	0	0.260	0
64	61	5	3.28	2.4	66.29	57.42	0	0	1140	1	1	0	0	1	0	0.260	0
65	62	5.09	3.37	2.4	63.35	54.4	0	0	1164	1	1	0	0	1	0	0.260	0
66	63	5.17	3.49	2.5	59.27	51.26	0	0	1185	1	1	0	0	1	0	0.260	0
67	64	5.25	3.56	2.5	54.96	47.04	0	0	1141	1	1	0	0	1	0	0.260	0
68	65	5.33	3.55	2.5	51.14	43.44	0	0	1030	1	1	0	0	1	0	0.260	0
69	66	5.41	3.51	2.5	47.22	41.56	0	0	895	1	1	0	0	1	0	0.260	0
70	67	5.5	3.5	2.5	43.44	37.06	0	0	790	1	1	0	0	1	0	0.260	0
71	68	5.58	3.62	2.6	38.36	33.84	0	0	731	1	1	0	0	1	0	0.260	0
72	69	5.66	3.71	2.6	33.68	28.64	0	0	645	1	0	0	0	1	0	0.260	0
73	70	5.74	3.78	2.7	29.51	25.14	0	0	549	1	0	0	0	1	0	0.260	0
74	71	5.82	3.79	2.7	26.75	23.21	0	0	464	1	0	0	0	1	0	0.260	0
75	72	5.91	3.81	2.8	25	21.61	0	0	414	1	0	0	0	1	0	0.260	0
76	73	5.99	3.84	2.8	24.18	20.66	0	0	396	1	0	0	0	1	0	0.260	0
77	74	6.07	3.77	2.8	24.4	21.11	0	0	381	1	0	0	0	1	0	0.260	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	3.69	2.7	25.16	22.17	0	0	379	1	0	0	0	1	0	0.260	0
79	76	6.23	3.64	2.7	25.85	22.6	0	0	384	1	0	0	0	1	0	0.260	0
80	77	6.32	3.66	2.7	26.3	22.91	0	0	403	1	0	0	0	1	0	0.260	0
81	78	6.4	3.7	2.7	27.74	23.33	0	0	460	1	0	0	0	1	0	0.260	0
82	79	6.48	3.56	2.7	31.16	26.29	0	0	501	1	0	0	0	1	0	0.260	0
83	80	6.56	3.26	2.6	36.87	31.66	0	0	508	1	1	0	0	1	0	0.260	0
84	81	6.64	3.06	2.5	41.43	37.16	0	0	508	1	1	0	0	1	0	0.260	0
85	82	6.73	3.12	2.5	42.33	36.98	0	0	552	1	1	0	0	1	0	0.260	0
86	83	6.81	3.46	2.6	39.59	33.19	0	0	669	1	1	0	0	1	0	0.260	0
87	84	6.89	3.83	2.6	35.35	30.24	0	0	769	1	0	0	0	1	0	0.260	0
88	85	6.97	3.97	2.7	32.74	26.61	0	0	765	1	0	0	0	1	0	0.260	0
89	86	7.05	3.84	2.7	31.28	26.66	0	0	638	1	0	0	0	1	0	0.260	0
90	87	7.14	3.55	2.7	31.54	26.42	0	0	507	1	0	0	0	1	0	0.260	0
91	88	7.22	3.3	2.6	31.61	26.79	0	0	412	1	0	0	0	1	0	0.260	0
92	89	7.3	3.08	2.6	31.8	26.4	0	0	345	1	0	0	0	1	0	0.260	0
93	90	7.38	2.94	2.6	32.48	26.44	0	0	316	1	1	1	0	1	0	0.260	0
94	91	7.46	2.94	2.6	33.6	27.92	0	0	334	1	1	1	0	1	0	0.260	0
95	92	7.55	3.06	2.6	35.09	28.46	0	0	[illegible]	1	1	0	0	1	0	0.260	0
96	93	7.63	3.13	2.6	37.18	29.32	0	0	60	1	1	0	0	1	0	0.260	0
97	94	7.71	3.18	2.6	39.34	32.04	0	0	[illegible]	1	1	0	0	1	0	0.260	0
98	95	7.79	3.18	2.5	41.68	32.74	0	0	[illegible]	1	1	0	0	1	0	0.260	0
99	96	7.87	3.2	2.5	43.42	33.95	0	0	[illegible]	1	1	0	0	1	0	0.260	0
100	97	7.96	3.19	2.5	45.16	35.33	0	0	641	1	1	0	0	1	0	0.260	0
101	98	8.04	3.21	2.5	46.69	36.42	0	0	683	1	1	0	0	1	0	0.260	0
102	99	8.12	3.22	2.5	48.26	37.83	0	0	720	1	1	0	0	1	0	0.260	0
103	100	8.2	3.19	2.5	50.06	39.27	0	0	737	1	1	0	0	1	0	0.260	0
104	101	8.28	3.06	2.4	53.21	41.05	0	0	715	1	1	0	0	1	0	0.260	0
105	102	8.37	2.99	2.4	57.81	46.04	0	0	749	1	1	1	0	1	0	0.260	0
106	103	8.45	2.93	2.4	63.4	50.83	0	0	799	1	1	1	0	1	0	0.260	0
107	104	8.53	2.95	2.4	68.84	55.16	0	0	900	1	1	1	0	1	0	0.260	0
108	105	8.61	2.88	2.3	75.13	59.41	0	0	941	1	1	1	0	1	0	0.260	0
109	106	8.69	2.72	2.3	84.23	66.68	0	0	937	1	1	1	0	1	0	0.260	0
110	107	8.78	2.48	2.2	95.8	78.27	0	0	881	1	1	1	0	1	0	0.260	0
111	108	8.86	2.18	2.1	108.63	89.61	0	0	777	1	1	1	0	1	0	0.260	0
112	109	8.94	1.96	2.1	118.94	101.38	0	0	705	1	1	1	0	1	0	0.260	0
113	110	9.02	1.83	2.0	125.53	107.39	0	0	664	1	1	1	0	1	0	0.260	0
114	111	9.1	1.75	2.0	128.75	109.29	0	0	635	1	1	1	0	1	0	0.260	0
115	112	9.19	1.67	2.0	131.34	112.1	0	0	603	1	1	1	0	1	0	0.260	0
116	113	9.27	1.59	2.0	133.62	116.62	0	0	570	1	1	1	0	1	0	0.260	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	1.54	1.9	134.46	117.81	0	0	548	1	1	1	0	1	0	0.260	0
118	115	9.43	1.54	2.0	132.88	116.14	0	0	541	1	1	1	0	1	0	0.260	0
119	116	9.51	1.59	2.0	129.38	113.12	0	0	550	1	1	1	0	1	0	0.260	0
120	117	9.6	1.7	2.0	124.51	107.96	0	0	584	1	1	1	0	1	0	0.260	0
121	118	9.68	1.86	2.0	119.01	101.77	0	0	643	1	1	1	0	1	0	0.260	0
122	119	9.76	2.09	2.1	112.86	96.52	0	0	748	1	1	1	0	1	0	0.260	0
123	120	9.84	2.4	2.2	106.26	89.62	0	0	923	1	1	1	0	1	0	0.260	0
124	121	9.92	2.79	2.2	99.34	82.39	0	0	1206	1	1	1	0	1	0	0.260	0
125	122	10.01	3.21	2.3	93.47	76.88	0	0	1617	1	1	0	0	1	0	0.260	0
126	123	10.09	3.46	2.3	89.76	73.28	0	0	1908	1	1	0	0	1	0	0.260	0
127	124	10.17	3.46	2.3	88	72.65	0	0	1865	1	1	0	0	1	0	0.260	0
128	125	10.25	3.2	2.3	88.09	73.22	0	0	1497	1	1	0	0	1	0	0.260	0
129	126	10.33	2.86	2.3	89.39	75.31	0	0	1135	1	1	1	0	1	0	0.260	0
130	127	10.42	2.44	2.2	93.23	78.36	0	0	824	1	1	1	0	1	0	0.260	0
131	128	10.5	1.94	2.1	97.69	86.27	0	0	554	1	1	1	0	1	0	0.260	0
132	129	10.58	1.53	2.0	100.97	91.73	0	0	394	1	1	1	0	1	0	0.260	0
133	130	10.66	1.27	2.0	100.42	92.55	0	0	306	1	1	1	0	1	0	0.260	0
134	131	10.74	1.23	2.0	98.54	89.34	0	0	[illegible]	1	1	1	0	1	0	0.260	0
135	132	10.83	1.21	2.0	97.72	88.39	0	0	81	1	1	1	0	1	0	0.260	0
136	133	10.91	1.18	2.0	98.45	91.13	0	0	2[illegible]5	1	1	1	0	1	0	0.260	0
137	134	10.99	1.14	2.0	99.5	92.32	0	0	268	1	1	1	0	1	0	0.260	0
138	135	11.07	1.12	1.9	101.54	92.43	0	0	269	1	1	1	0	1	0	0.260	0
139	136	11.15	1.11	1.9	102.94	97.64	0	0	271	1	1	1	0	1	0	0.260	0
140	137	11.24	1.08	1.9	103.96	96.97	0	0	266	1	1	1	0	1	0	0.260	0
141	138	11.32	1.06	1.9	101.63	96.2	0	0	254	1	1	1	0	1	0	0.260	0
142	139	11.4	1.04	1.9	98.44	92	0	0	240	1	1	1	0	1	0	0.260	0
143	140	11.48	1.06	1.9	94.54	88.35	0	0	234	1	1	1	0	1	0	0.260	0
144	141	11.56	1.08	2.0	92.03	85.2	0	0	231	1	1	1	0	1	0	0.260	0
145	142	11.65	1.07	2.0	91.74	84.81	0	0	228	1	1	1	0	1	0	0.260	0
146	143	11.73	1.04	2.0	93.03	87.82	0	0	225	1	1	1	0	1	0	0.260	0
147	144	11.81	1.06	2.0	94.42	89.42	0	0	234	1	1	1	0	1	0	0.260	0
148	145	11.89	1.15	2.0	93.88	88.55	0	0	253	1	1	1	0	1	0	0.260	0
149	146	11.97	1.35	2.0	90.37	84.92	0	0	293	1	1	1	0	1	0	0.260	0
150	147	12.06	1.68	2.1	81.17	77.2	0	0	351	1	1	1	0	1	0	0.260	0
151	148	12.14	2.22	2.3	67.41	60.45	0	0	460	1	1	1	0	1	0	0.260	0
152	149	12.22	2.89	2.4	54.69	45.03	0	0	639	1	1	1	0	1	0	0.260	0
153	150	12.3	3.37	2.5	47.68	41.51	0	0	805	1	1	0	0	1	0	0.260	0
154	151	12.38	3.52	2.5	44.76	41.23	0	0	838	1	1	0	0	1	0	0.260	0
155	152	12.47	3.71	2.6	40.37	37.29	0	0	849	1	1	0	0	1	0	0.260	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	4.02	2.7	35.23	29.86	0	0	895	1	0	0	0	1	0	0.260	0
157	154	12.63	4.45	2.7	30.58	27.51	0	0	1010	1	0	0	0	1	0	0.260	0
158	155	12.71	4.68	2.8	28.35	24.86	0	0	1065	1	0	0	0	1	0	0.260	0
159	156	12.8	4.66	2.8	27.09	23.98	0	0	965	1	0	0	0	1	0	0.260	0
160	157	12.88	4.38	2.8	26.82	24.34	0	0	756	1	0	0	0	1	0	0.260	0
161	158	12.96	4.04	2.7	26.85	24.49	0	0	575	1	0	0	0	1	0	0.260	0
162	159	13.04	3.87	2.7	26.78	24.42	0	0	497	1	0	0	0	1	0	0.260	0
163	160	13.12	3.81	2.7	26.91	24.44	0	0	477	1	0	0	0	1	0	0.260	0
164	161	13.21	3.85	2.7	27.15	25.05	0	0	501	1	0	0	0	1	0	0.260	0
165	162	13.29	3.92	2.7	27.4	25.19	0	0	540	1	0	0	0	1	0	0.260	0
166	163	13.37	3.98	2.7	27.5	25.22	0	0	572	1	0	0	0	1	0	0.260	0
167	164	13.45	4	2.7	27.46	25.44	0	0	580	1	0	0	0	1	0	0.260	0
168	165	13.53	4.01	2.7	27.21	25.24	0	0	575	1	0	0	0	1	0	0.260	0
169	166	13.62	4.07	2.7	26.6	24.69	0	0	579	1	0	0	0	1	0	0.260	0
170	167	13.7	4.14	2.8	26.08	23.91	0	0	590	1	0	0	0	1	0	0.260	0
171	168	13.78	4.22	2.8	25.75	23.93	0	0	615	1	0	0	0	1	0	0.260	0
172	169	13.86	4.25	2.8	25.7	23.9	0	0	627	1	0	0	0	1	0	0.260	0
173	170	13.94	4.31	2.8	25.71	23.93	0	0	[illegible]	1	0	0	0	1	0	0.260	0
174	171	14.03	4.4	2.8	25.68	24.08	0	0	[illegible]07	1	0	0	0	1	0	0.260	0
175	172	14.11	4.5	2.8	25.66	23.93	0	0	7[illegible]5	1	0	0	0	1	0	0.260	0
176	173	14.19	4.51	2.8	25.75	24	0	0	77[illegible]	1	0	0	0	1	0	0.260	0
177	174	14.27	4.4	2.8	25.94	24.47	0	0	[illegible]21	1	0	0	0	1	0	0.260	0
178	175	14.35	4.24	2.8	25.99	24.68	0	0	636	1	0	0	0	1	0	0.260	0
179	176	14.44	4.07	2.8	25.67	24.35	0	0	540	1	0	0	0	1	0	0.260	0
180	177	14.52	4.05	2.8	25.17	23.82	0	0	511	1	0	0	0	1	0	0.260	0
181	178	14.6	4.07	2.8	24.81	23.45	0	0	505	1	0	0	0	1	0	0.260	0
182	179	14.68	4.16	2.8	24.69	23.51	0	0	538	1	0	0	0	1	0	0.260	0
183	180	14.76	4.25	2.8	24.55	23.58	0	0	573	1	0	0	0	1	0	0.260	0
184	181	14.85	4.38	2.8	24.25	23.17	0	0	620	1	0	0	0	1	0	0.260	0
185	182	14.93	4.46	2.8	23.8	22.77	0	0	636	1	0	0	0	1	0	0.260	0
186	183	15.01	4.45	2.8	23.38	22.45	0	0	608	1	0	0	0	1	0	0.260	0
187	184	15.09	4.45	2.8	22.93	22.14	0	0	583	1	0	0	0	1	0	0.260	0
188	185	15.17	4.51	2.8	22.53	21.66	0	0	588	1	0	0	0	1	0	0.260	0
189	186	15.26	4.6	2.8	21.96	21.42	0	0	596	1	0	0	0	1	0	0.260	0
190	187	15.34	4.64	2.9	21.38	20.64	0	0	578	1	0	0	0	1	0	0.260	0
191	188	15.42	4.66	2.9	20.66	20.15	0	0	539	1	0	0	0	1	0	0.260	0
192	189	15.5	4.63	2.9	19.99	19.51	0	0	483	1	0	0	0	1	0	0.260	0
193	190	15.58	4.58	2.9	19.26	18.89	0	0	419	1	0	0	0	1	0	0.260	0
194	191	15.67	4.47	2.9	18.76	18.24	0	0	355	1	0	0	0	1	0	0.260	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	4.31	2.9	18.57	18.21	0	0	303	1	0	0	0	1	0	0.260	0
196	193	15.83	4.18	2.9	18.71	18.51	0	0	279	1	0	0	0	1	0	0.260	0
197	194	15.91	4.15	2.9	19	18.77	0	0	285	1	0	0	0	1	0	0.260	0
198	195	15.99	4.24	2.9	19.22	19.14	0	0	317	1	0	0	0	1	0	0.260	0
199	196	16.08	4.39	2.9	19.58	19.25	0	0	377	1	0	0	0	1	0	0.260	0
200	197	16.16	4.5	2.9	19.93	19.92	0	0	432	1	0	0	0	1	0	0.260	0
201	198	16.24	4.45	2.9	20.52	20.24	0	0	448	1	0	0	0	1	0	0.260	0
202	199	16.32	4.37	2.9	20.55	21.08	0	0	422	1	0	0	0	1	0	0.260	0
203	200	16.4	4.39	2.9	19.83	20.16	0	0	390	1	0	0	0	1	0	0.260	0
204	201	16.49	4.54	2.9	18.64	18.34	0	0	369	1	0	0	0	1	0	0.260	0
205	202	16.57	4.57	2.9	17.8	17.77	0	0	326	1	0	0	0	1	0	0.260	0
206	203	16.65	4.31	2.9	17.88	17.84	0	0	268	1	0	0	0	1	0	0.260	0
207	204	16.73	4.1	2.9	18.03	18.68	0	0	233	1	0	0	0	1	0	0.260	0
208	205	16.81	4.17	2.9	17.89	18.36	0	0	240	1	0	0	0	1	0	0.260	0
209	206	16.9	4.44	2.9	17.41	17.54	0	0	272	1	0	0	0	1	0	0.260	0
210	207	16.98	4.7	2.9	16.93	17.36	0	0	302	1	0	0	0	1	0	0.260	0
211	208	17.06	4.76	2.9	16.7	17.1	0	0	301	1	0	0	0	1	0	0.260	0
212	209	17.14	4.74	2.9	16.48	16.97	0	0	280	1	0	0	0	1	0	0.260	0
213	210	17.22	4.68	3.0	16.25	16.82	0	0	252	1	0	0	0	1	0	0.260	0
214	211	17.31	4.6	3.0	15.9	16.54	0	0	214	1	0	0	0	1	0	0.260	0
215	212	17.39	4.5	3.0	15.59	16.04	0	0	180	1	0	0	0	1	0	0.260	0
216	213	17.47	4.43	3.0	15.17	15.99	0	0	147	1	0	0	0	1	0	0.260	0
217	214	17.55	4.32	3.0	14.9	15.37	0	0	121	1	0	0	0	1	0	0.260	0
218	215	17.63	4.2	3.0	14.56	15.34	0	0	94	1	0	0	0	1	0	0.260	0
219	216	17.72	3.98	2.9	14.35	15.06	0	0	71	1	0	0	1	1	0	0.260	0
220	217	17.8	3.94	2.9	14.18	14.81	0	0	62	1	0	0	1	1	0	0.260	0
221	218	17.88	4	3.0	14.16	14.94	0	0	64	1	0	0	1	1	0	0.260	0
222	219	17.96	4.19	3.0	14.01	15.09	0	0	68	1	0	0	1	1	0	0.260	0
223	220	18.04	4.29	3.0	13.69	14.44	0	0	58	1	0	0	1	1	0	0.260	0
224	221	18.13	4.31	3.0	13.34	14.05	0	0	42	1	0	0	1	1	0	0.260	0
225	222	18.21	4.28	3.0	13.25	14.12	0	0	37	1	0	0	1	1	0	0.260	0
226	223	18.29	4.28	3.0	13.28	14.23	0	0	38	1	0	0	1	1	0	0.260	0
227	224	18.37	4.33	3.0	13.24	14.21	0	0	38	1	0	0	1	1	0	0.260	0
228	225	18.45	4.28	3.0	13.44	14.1	0	0	46	1	0	0	1	1	0	0.260	0
229	226	18.54	4.16	3.0	13.61	14.9	0	0	49	1	0	0	1	1	0	0.260	0
230	227	18.62	4.14	3.0	13.51	14.83	0	0	44	1	0	0	1	1	0	0.260	0
231	228	18.7	4.23	3.0	13.25	13.86	0	0	35	1	0	0	1	1	0	0.260	0
232	229	18.78	4.46	3.0	12.99	14.21	0	0	28	1	0	0	1	1	0	0.260	0
233	230	18.86	4.59	3.0	12.86	14.13	0	0	23	1	0	0	1	1	0	0.260	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	4.73	3.0	12.36	13.53	0	0	-10	1	0	0	1	1	0	0.260	0
235	232	19.03	4.72	3.1	11.61	12.76	0	0	-62	1	0	0	1	1	0	0.260	0
236	233	19.11	4.79	3.1	10.63	11.91	0	0	-137	1	0	0	1	1	0	0.260	0
237	234	19.19	4.69	3.1	9.74	10.6	0	0	-187	1	0	0	1	1	0	0.260	0
238	235	19.27	4.35	3.1	9.13	10.09	0	0	-174	1	0	0	1	1	0	0.260	0
239	236	19.36	3.86	3.1	9.04	10.08	0	0	-119	1	0	0	1	1	0	0.260	0
240	237	19.44	3.71	3.1	9.33	10.34	0	0	-97	1	0	0	1	1	0	0.260	0
241	238	19.52	3.86	3.1	10.11	11.02	0	0	-82	1	0	0	1	1	0	0.260	0
242	239	19.6	4.09	3.0	11.47	12.54	0	0	-43	1	0	0	1	1	0	0.260	0
243	240	19.68	4.11	3.0	13.18	14.61	0	0	29	1	0	0	1	1	0	0.260	0
244	241	19.77	3.98	2.9	14.78	16.39	0	0	87	1	0	0	0	1	0	0.260	0
245	242	19.85	3.75	2.9	16.25	17.6	0	0	118	1	0	0	0	1	0	0.260	0
246	243	19.93	3.41	2.8	18.11	19.31	0	0	133	1	0	0	0	1	0	0.260	0
247	244	20.01	3.36	2.8	19.63	22.24	0	0	162	1	0	0	0	1	0	0.260	0
248	245	20.09	3.6	2.8	19.82	22.45	0	0	203	1	0	0	0	1	0	0.260	0
249	246	20.18	4.13	2.9	17.69	20.13	0	0	224	1	0	0	0	1	0	0.260	0
250	247	20.26	4.52	3.0	15.06	15.9	0	0	151	1	0	0	0	1	0	0.260	0
251	248	20.34	4.65	3.0	12.8	14.29	0	0	30	1	0	0	1	1	0	0.260	0
252	249	20.42	4.55	3.1	11.51	13.1	0	0	60	1	0	0	1	1	0	0.260	0
253	250	20.5	4.48	3.1	10.51	11.89	0	0	-14	1	0	0	1	1	0	0.260	0
254	251	20.59	4.27	3.1	9.8	11.18	0	0	-130	1	0	0	1	1	0	0.260	0
255	252	20.67	3.95	3.1	9.46	10.91	0	0	-13	1	0	0	1	1	0	0.260	0
256	253	20.75	3.78	3.1	9.17	10.84	0	0	-108	1	0	0	1	1	0	0.260	0
257	254	20.83	3.81	3.1	8.85	10.3	0	0	-121	1	0	0	1	1	0	0.260	0
258	255	20.92	3.91	3.1	8.48	9.89	0	0	-145	1	0	0	1	1	0	0.260	0
259	256	21	3.99	3.1	8.24	9.7	0	0	-164	1	0	0	1	1	0	0.260	0
260	257	21.08	4.13	3.1	8.48	9.56	0	0	-173	1	0	0	1	1	0	0.260	0
261	258	21.16	4.19	3.1	9.17	10.69	0	0	-151	1	0	0	1	1	0	0.260	0
262	259	21.24	4.39	3.1	10.15	11.89	0	0	-125	1	0	0	1	1	0	0.260	0
263	260	21.33	4.51	3.1	10.82	12.69	0	0	-99	1	0	0	1	1	0	0.260	0
264	261	21.41	4.8	3.1	10.92	12.85	0	0	-117	1	0	0	1	1	0	0.260	0
265	262	21.49	5.02	3.1	10.46	12.26	0	0	-179	1	0	0	1	1	0	0.260	0
266	263	21.57	4.95	3.1	10.49	11.24	0	0	-167	1	0	0	1	1	0	0.260	0
267	264	21.65	4.02	3.0	12.3	13.01	0	0	-8	1	0	0	1	1	0	0.260	0
268	265	21.74	2.95	2.8	16.39	18.21	0	0	62	1	0	1	1	1	0	0.260	0
269	266	21.82	2.34	2.7	20.75	24.55	0	0	77	1	0	1	1	1	0	0.260	0
270	267	21.9	2.28	2.6	23.38	26.78	0	0	96	1	0	1	0	1	0	0.260	0
271	268	21.98	2.55	2.6	24.23	26.7	0	0	132	1	0	1	0	1	0	0.260	0
272	269	22.06	2.97	2.7	24.06	27.64	0	0	188	1	0	1	0	1	0	0.260	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.31	2.7	23.78	26.68	0	0	245	1	0	0	0	1	0	0.260	0
274	271	22.23	3.63	2.8	23.1	26.2	0	0	302	1	0	0	0	1	0	0.260	0
275	272	22.31	3.93	2.8	22.3	25.79	0	0	358	1	0	0	0	1	0	0.260	0
276	273	22.39	4.31	2.8	20.99	24.4	0	0	424	1	0	0	0	1	0	0.260	0
277	274	22.47	4.69	2.9	19.04	22.24	0	0	443	1	0	0	0	1	0	0.260	0
278	275	22.56	4.92	3.0	16.5	19.5	0	0	325	1	0	0	0	1	0	0.260	0
279	276	22.64	5.16	3.0	13.67	16.04	0	0	115	1	0	0	0	1	0	0.260	0
280	277	22.72	5.33	3.1	11.2	12.83	0	0	-145	1	0	0	1	1	0	0.260	0
281	278	22.8	5.78	3.2	9.45	11.32	0	0	-481	1	0	0	1	1	0	0.260	0
282	279	22.88	5.54	3.2	9.42	10.22	0	0	-405	1	0	0	1	1	0	0.260	0
283	280	22.97	4.46	3.0	11.89	12.74	0	0	-34	1	0	0	1	1	0	0.260	0
284	281	23.05	3.57	2.9	15.79	19.61	0	0	89	1	0	0	0	1	0	0.260	0
285	282	23.13	3.2	2.8	20.42	23.39	0	0	157	1	0	0	0	1	0	0.260	0
286	283	23.21	3.15	2.7	24.44	28.01	0	0	227	1	0	0	0	1	0	0.260	0
287	284	23.29	3.08	2.7	28.16	32.91	0	0	280	1	0	0	0	1	0	0.260	0
288	285	23.38	2.93	2.6	30.82	35.74	0	0	287	1	0	1	0	1	0	0.260	0
289	286	23.46	2.72	2.6	32.37	36.79	0.02	0.32	260	1	1	1	0	1	0	0.260	0
290	287	23.54	2.56	2.6	32.64	37.96	0.02	0.31	239	1	1	1	0	1	0	0.240	0
291	288	23.62	2.44	2.5	32.31	36.61	0.02	0.33	202	1	1	1	0	1	0	0.220	0
292	289	23.7	2.41	2.5	31.35	35.75	0.02	0.34	167	1	1	1	0	1	0	0.200	0
293	290	23.79	2.47	2.6	30.29	34.96	0.02	0.34	186	1	1	1	0	1	0	0.180	0
294	291	23.87	2.63	2.6	28.93	33.34	0.02	0.35	198	1	1	1	0	1	0	0.160	0
295	292	23.95	2.92	2.6	27.31	31.64	0	0	230	1	0	1	0	1	0	0.140	0
296	293	24.03	3.25	2.7	25.96	30.06	0	0	278	1	0	0	0	1	0	0.140	0
297	294	24.11	3.43	2.7	25.01	29.3	0	0	301	1	0	0	0	1	0	0.140	0
298	295	24.2	3.43	2.7	24.48	28.76	0	0	288	1	0	0	0	1	0	0.140	0
299	296	24.28	3.32	2.7	23.96	28.43	0	0	251	1	0	0	0	1	0	0.140	0
300	297	24.36	3.38	2.7	23.23	27.61	0	0	248	1	0	0	0	1	0	0.140	0
301	298	24.44	3.58	2.8	21.59	26.53	0	0	248	1	0	0	0	1	0	0.140	0
302	299	24.52	4	2.9	19.08	23.2	0	0	255	1	0	0	0	1	0	0.140	0
303	300	24.61	4.44	2.9	16.8	19.5	0	0	238	1	0	0	0	1	0	0.140	0
304	301	24.69	4.84	3.0	15.09	18.61	0	0	198	1	0	0	0	1	0	0.140	0
305	302	24.77	4.52	2.9	15.97	17.28	0	0	205	1	0	0	0	1	0	0.140	0
306	303	24.85	3.62	2.8	19.69	22.67	0	0	203	1	0	0	0	1	0	0.140	0
307	304	24.93	2.82	2.7	26.07	31.66	0	0	194	1	0	1	0	1	0	0.140	0
308	305	25.02	2.44	2.5	31.48	38.29	0.02	0.31	194	1	1	1	0	1	0	0.140	0
309	306	25.1	2.29	2.5	34.3	40.43	0.02	0.3	195	1	1	1	0	1	0	0.120	0
310	307	25.18	2.26	2.5	34.59	40.91	0.02	0.29	192	1	1	1	0	1	0	0.100	0
311	308	25.26	2.29	2.5	33.34	39.26	0.02	0.31	186	1	1	1	0	1	0	0.080	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.42	2.6	30.94	36.4	0.02	0.33	185	1	1	1	0	1	0	0.060	0
313	310	25.43	2.71	2.6	28.19	33.22	0	0	203	1	0	1	0	1	0	0.040	0
314	311	25.51	3.16	2.7	25.47	30.51	0	0	248	1	0	0	0	1	0	0.040	0
315	312	25.59	3.69	2.8	23.17	27.82	0	0	320	1	0	0	0	1	0	0.040	0
316	313	25.67	4.34	2.9	20.46	25.98	0	0	407	1	0	0	0	1	0	0.040	0
317	314	25.75	5.19	2.9	17.83	21.61	0	0	535	1	0	0	0	1	0	0.040	0
318	315	25.84	6.22	3.1	15.23	18.48	0	0	599	1	0	0	0	1	0	0.040	0
319	316	25.92	6.39	3.1	14.66	16.71	0	0	538	1	0	0	0	1	0	0.040	0
320	317	26	5.43	3.0	16.18	19.62	0	0	445	1	0	0	0	1	0	0.040	0
321	318	26.08	4.26	2.9	19.38	23.99	0	0	330	1	0	0	0	1	0	0.040	0
322	319	26.16	3.58	2.8	22.35	28.26	0	0	269	1	0	0	0	1	0	0.040	0
323	320	26.25	3.13	2.7	24.55	29.69	0	0	225	1	0	0	0	1	0	0.040	0
324	321	26.33	2.75	2.7	25.44	31.13	0	0	174	1	0	1	0	1	0	0.040	0
325	322	26.41	2.45	2.6	25.08	30.93	0	0	129	1	0	1	0	1	0	0.040	0
326	323	26.49	2.35	2.6	23.35	28.17	0	0	102	1	0	1	0	1	0	0.040	0
327	324	26.57	2.53	2.7	20.16	25.22	0	0	85	1	0	1	0	1	0	0.040	0
328	325	26.66	2.98	2.8	16.72	20.39	0	0	69	1	0	1	1	1	0	0.040	0
329	326	26.74	3.81	3.0	13.6	16.89	0	0	[illegible]	1	0	0	1	1	0	0.040	0
330	327	26.82	4.74	3.1	11.36	14.22	0	0	80	1	0	0	1	1	0	0.040	0
331	328	26.9	5.53	3.2	9.74	12.41	0	0	-3[illegible]0	1	0	0	1	1	0	0.040	0
332	329	26.98	5.93	3.2	8.71	11.15	0	0	-67[illegible]	1	0	0	1	1	0	0.040	0
333	330	27.07	6.33	3.3	7.93	10.56	0	0	-[illegible]88	1	0	0	1	1	0	0.040	0
334	331	27.15	6.79	3.3	7.78	9.66	0	0	-1574	1	0	0	1	1	0	0.040	0
335	332	27.23	6.96	3.3	8.55	10.62	0	0	-1489	1	0	0	1	1	0	0.040	0
336	333	27.31	6.45	3.2	10.21	13.32	0	0	-596	1	0	0	1	1	0	0.040	0
337	334	27.39	6.02	3.1	11.74	15.59	0	0	-144	1	0	0	1	1	0	0.040	0
338	335	27.48	5.63	3.1	12.8	16.1	0	0	42	1	0	0	1	1	0	0.040	0
339	336	27.56	5.17	3.0	13.97	17.16	0	0	145	1	0	0	0	1	0	0.040	0
340	337	27.64	4.48	2.9	15.74	19.87	0	0	185	1	0	0	0	1	0	0.040	0
341	338	27.72	3.89	2.9	17.79	22.59	0	0	187	1	0	0	0	1	0	0.040	0
342	339	27.8	3.52	2.8	19.72	24.66	0	0	188	1	0	0	0	1	0	0.040	0
343	340	27.89	3.27	2.8	21.53	26.73	0	0	190	1	0	0	0	1	0	0.040	0
344	341	27.97	3.04	2.7	23.3	28.73	0	0	186	1	0	0	0	1	0	0.040	0
345	342	28.05	2.86	2.7	24.7	30.64	0	0	180	1	0	1	0	1	0	0.040	0
346	343	28.13	2.8	2.7	25.59	31.43	0	0	183	1	0	1	0	1	0	0.040	0
347	344	28.21	2.84	2.7	26.03	31.8	0	0	196	1	0	1	0	1	0	0.040	0
348	345	28.3	2.85	2.6	26.51	32.27	0	0	205	1	0	1	0	1	0	0.040	0
349	346	28.38	2.79	2.6	27.05	33.22	0	0	202	1	0	1	0	1	0	0.040	0
350	347	28.46	2.69	2.6	27.53	33.64	0	0	191	1	0	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	2.61	2.6	27.64	33.85	0	0	180	1	0	1	0	1	0	0.040	0
352	349	28.63	2.55	2.6	27.52	33.57	0	0	169	1	0	1	0	1	0	0.040	0
353	350	28.71	2.46	2.6	27.3	33.19	0.02	0.35	154	1	1	1	0	1	0	0.040	0
354	351	28.79	2.44	2.6	27.16	33	0.02	0.36	150	1	1	1	0	1	0	0.020	0
355	352	28.87	2.63	2.6	26.74	33.15	0	0	172	1	0	1	0	1	0	0.000	0
356	353	28.95	3.14	2.7	25.37	32.15	0	0	242	1	0	0	0	1	0	0.000	0
357	354	29.04	3.81	2.8	22.11	29.05	0	0	318	1	0	0	0	1	0	0.000	0
358	355	29.12	4.55	2.9	17.95	22.58	0	0	330	1	0	0	0	1	0	0.000	0
359	356	29.2	5.25	3.0	13.77	17.23	0	0	134	1	0	0	0	1	0	0.000	0
360	357	29.28	5.95	3.2	10.62	13.65	0	0	-337	1	0	0	1	1	0	0.000	0
361	358	29.36	6.27	3.2	8.63	11.04	0	0	-882	1	0	0	1	1	0	0.000	0
362	359	29.45	6.05	3.3	7.64	10.02	0	0	-940	1	0	0	1	1	0	0.000	0
363	360	29.53	5.3	3.3	7.35	10.07	0	0	-563	1	0	0	1	1	0	0.000	0
364	361	29.61	4.8	3.2	7.28	10	0	0	-386	1	0	0	1	1	0	0.000	0
365	362	29.69	4.67	3.2	7.13	9.8	0	0	-358	1	0	0	1	1	0	0.000	0
366	363	29.77	4.87	3.3	6.94	9.55	0	0	-434	1	0	0	1	1	0	0.000	0
367	364	29.86	5.2	3.3	6.69	9.3	0	0	-588	1	0	0	1	1	0	0.000	0
368	365	29.94	5.41	3.3	6.49	8.94	0	0	-715	1	0	0	1	1	0	0.000	0
369	366	30.02	5.47	3.3	6.35	8.84	0	0	-766	1	0	0	1	1	0	0.000	0
370	367	30.1	5.34	3.3	6.3	8.82	0	0	-679	1	0	0	1	1	0	0.000	0
371	368	30.18	5.29	3.3	6.23	8.77	0	0	-680	1	0	0	1	1	0	0.000	0
372	369	30.27	5.39	3.3	6.15	8.59	0	0	-744	1	0	0	1	1	0	0.000	0
373	370	30.35	5.6	3.3	6.02	8.56	0	0	-892	1	0	0	1	1	0	0.000	0
374	371	30.43	5.7	3.3	5.94	8.32	0	0	-974	1	0	0	1	1	0	0.000	0
375	372	30.51	5.78	3.4	5.86	8.31	0	0	-1048	1	0	0	1	1	0	0.000	0
376	373	30.59	5.82	3.4	5.86	8.27	0	0	-1080	1	0	0	1	1	0	0.000	0
377	374	30.68	5.83	3.4	5.83	8.33	0	0	-1093	1	0	0	1	1	0	0.000	0
378	375	30.76	5.69	3.4	5.86	8.25	0	0	-979	1	0	0	1	1	0	0.000	0
379	376	30.84	5.42	3.3	5.88	8.37	0	0	-794	1	0	0	1	1	0	0.000	0
380	377	30.92	5.36	3.3	5.87	8.41	0	0	-759	1	0	0	1	1	0	0.000	0
381	378	31	5.49	3.3	5.89	8.22	0	0	-836	1	0	0	1	1	0	0.000	0
382	379	31.09	5.72	3.3	5.97	8.47	0	0	-985	1	0	0	1	1	0	0.000	0
383	380	31.17	6.01	3.4	6.08	8.73	0	0	-1205	1	0	0	1	1	0	0.000	0
384	381	31.25	6.19	3.4	6.1	8.63	0	0	-1374	1	0	0	1	1	0	0.000	0
385	382	31.33	6.29	3.4	5.99	8.53	0	0	-1505	1	0	0	1	1	0	0.000	0
386	383	31.41	6.11	3.4	5.87	8.36	0	0	-1341	1	0	0	1	1	0	0.000	0
387	384	31.5	5.99	3.4	5.68	8.19	0	0	-1261	1	0	0	1	1	0	0.000	0
388	385	31.58	5.71	3.4	5.5	7.88	0	0	-1048	1	0	0	1	1	0	0.000	0
389	386	31.66	5.32	3.4	5.35	7.72	0	0	-794	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	4.98	3.4	5.31	7.63	0	0	-612	1	0	0	1	1	0	0.000	0
391	388	31.82	4.83	3.3	5.3	7.75	0	0	-545	1	0	0	1	1	0	0.000	0
392	389	31.91	4.83	3.3	5.33	7.73	0	0	-542	1	0	0	1	1	0	0.000	0
393	390	31.99	4.77	3.3	5.37	7.75	0	0	-514	1	0	0	1	1	0	0.000	0
394	391	32.07	4.91	3.3	5.44	7.89	0	0	-569	1	0	0	1	1	0	0.000	0
395	392	32.15	5.14	3.3	5.56	7.99	0	0	-670	1	0	0	1	1	0	0.000	0
396	393	32.23	5.29	3.3	5.73	8.22	0	0	-734	1	0	0	1	1	0	0.000	0
397	394	32.32	5.32	3.3	5.92	8.54	0	0	-730	1	0	0	1	1	0	0.000	0
398	395	32.4	5.46	3.3	6.1	8.69	0	0	-791	1	0	0	1	1	0	0.000	0
399	396	32.48	5.71	3.3	6.17	8.87	0	0	-947	1	0	0	1	1	0	0.000	0
400	397	32.56	5.97	3.3	6.15	8.81	0	0	-1157	1	0	0	1	1	0	0.000	0
401	398	32.64	5.97	3.4	6.1	8.64	0	0	-1166	1	0	0	1	1	0	0.000	0
402	399	32.73	5.89	3.4	6.04	8.67	0	0	-1108	1	0	0	1	1	0	0.000	0
403	400	32.81	5.79	3.4	5.97	8.6	0	0	-1038	1	0	0	1	1	0	0.000	0
404	401	32.89	5.7	3.4	5.86	8.41	0	0	-986	1	0	0	1	1	0	0.000	0
405	402	32.97	5.63	3.4	5.71	8.3	0	0	-956	1	0	0	1	1	0	0.000	0
406	403	33.05	5.56	3.4	5.6	8.07	0	0	-921	1	0	0	1	1	0	0.000	0
407	404	33.14	5.52	3.4	5.53	7.99	0	0	[illegible]	1	0	0	1	1	0	0.000	0
408	405	33.22	5.56	3.4	5.46	8.05	0	0	[illegible]40	1	0	0	1	1	0	0.000	0
409	406	33.3	5.52	3.4	5.37	7.84	0	0	-9[illegible]3	1	0	0	1	1	0	0.000	0
410	407	33.38	5.58	3.4	5.19	7.66	0	0	-99[illegible]	1	0	0	1	1	0	0.000	0
411	408	33.46	5.45	3.4	5.08	7.42	0	0	[illegible]10	1	0	0	1	1	0	0.000	0
412	409	33.55	5.26	3.4	4.99	7.44	0	0	-796	1	0	0	1	1	0	0.000	0
413	410	33.63	4.75	3.4	4.96	7.32	0	0	-535	1	0	0	1	1	0	0.000	0
414	411	33.71	4.26	3.3	4.93	7.35	0	0	-363	1	0	0	1	1	0	0.000	0
415	412	33.79	3.97	3.3	4.85	7.3	0	0	-289	1	0	0	1	1	0	0.000	0
416	413	33.87	3.88	3.3	4.73	7.07	0	0	-273	1	0	0	1	1	0	0.000	0
417	414	33.96	3.92	3.4	4.5	6.88	0	0	-290	1	0	0	1	1	0	0.000	0
418	415	34.04	3.94	3.4	4.27	6.49	0	0	-303	1	0	0	1	1	0	0.000	0
419	416	34.12	4.06	3.4	4.14	6.21	0	0	-340	1	0	0	1	1	0	0.000	0
420	417	34.2	4.3	3.4	4.16	6.39	0	0	-413	1	0	0	1	1	0	0.000	0
421	418	34.28	4.43	3.4	4.45	6.58	0	0	-443	1	0	0	1	1	0	0.000	0
422	419	34.37	4.64	3.4	4.75	7.18	0	0	-504	1	0	0	1	1	0	0.000	0
423	420	34.45	4.85	3.4	4.99	7.41	0	0	-577	1	0	0	1	1	0	0.000	0
424	421	34.53	5.2	3.4	4.99	7.37	0	0	-759	1	0	0	1	1	0	0.000	0
425	422	34.61	5.25	3.4	4.88	7.2	0	0	-801	1	0	0	1	1	0	0.000	0
426	423	34.69	5.01	3.4	4.74	7	0	0	-677	1	0	0	1	1	0	0.000	0
427	424	34.78	4.77	3.4	4.64	6.87	0	0	-567	1	0	0	1	1	0	0.000	0
428	425	34.86	4.58	3.4	4.63	6.79	0	0	-488	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.55	3.4	4.86	6.98	0	0	-463	1	0	0	1	1	0	0.000	0
430	427	35.02	4.57	3.3	5.66	7.68	0	0	-421	1	0	0	1	1	0	0.000	0
431	428	35.1	4.75	3.2	6.97	9.75	0	0	-393	1	0	0	1	1	0	0.000	0
432	429	35.19	4.93	3.2	8.45	11.84	0	0	-332	1	0	0	1	1	0	0.000	0
433	430	35.27	4.62	3.1	10.27	13.22	0	0	-143	1	0	0	1	1	0	0.000	0
434	431	35.35	3.84	2.9	13.96	16.71	0	0	50	1	0	0	1	1	0	0.000	0
435	432	35.43	2.89	2.7	20.2	26.08	0	0	117	1	0	1	0	1	0	0.000	0
436	433	35.51	2.38	2.6	27.3	36.86	0	0	143	1	1	1	0	1	0	0.000	0
437	434	35.6	2.09	2.5	33.57	41.5	0	0	157	1	1	1	0	1	0	0.000	0
438	435	35.68	2.08	2.5	36.56	48.03	0	0	178	1	1	1	0	1	0	0.000	0
439	436	35.76	2.2	2.5	37.14	47.65	0	0	203	1	1	1	0	1	0	0.000	0
440	437	35.84	2.49	2.5	33.74	44.19	0	0	227	1	1	1	0	1	0	0.000	0
441	438	35.92	3.02	2.7	27.31	36.86	0	0	251	1	0	0	0	1	0	0.000	0
442	439	36.01	4.1	2.9	19.32	25.74	0	0	287	1	0	0	0	1	0	0.000	0
443	440	36.09	5.48	3.1	13.29	15.61	0	0	99	1	0	0	0	1	0	0.000	0
444	441	36.17	6.7	3.2	9.39	13.18	0	0	-972	1	0	0	1	1	0	0.000	0
445	442	36.25	6.05	3.3	7.94	10.63	0	0	-882	1	0	0	1	1	0	0.000	0
446	443	36.33	5.34	3.3	6.76	10.06	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
447	444	36.42	4.54	3.3	6.2	8.66	0	0	-[illegible]78	1	0	0	1	1	0	0.000	0
448	445	36.5	4.4	3.3	5.7	8.47	0	0	-3[illegible]5	1	0	0	1	1	0	0.000	0
449	446	36.58	4.19	3.3	5.59	8.15	0	0	-31[illegible]	1	0	0	1	1	0	0.000	0
450	447	36.66	4.15	3.3	5.6	8.2	0	0	-[illegible]02	1	0	0	1	1	0	0.000	0
451	448	36.74	4.14	3.3	5.71	8.47	0	0	-295	1	0	0	1	1	0	0.000	0
452	449	36.83	4.29	3.3	5.86	8.54	0	0	-326	1	0	0	1	1	0	0.000	0
453	450	36.91	4.52	3.3	5.99	8.73	0	0	-385	1	0	0	1	1	0	0.000	0
454	451	36.99	4.83	3.3	6.1	8.94	0	0	-484	1	0	0	1	1	0	0.000	0
455	452	37.07	5.04	3.3	6.14	8.92	0	0	-568	1	0	0	1	1	0	0.000	0
456	453	37.16	5.1	3.3	6.12	8.89	0	0	-597	1	0	0	1	1	0	0.000	0
457	454	37.24	4.98	3.3	6.07	8.86	0	0	-548	1	0	0	1	1	0	0.000	0
458	455	37.32	4.91	3.3	5.98	8.71	0	0	-525	1	0	0	1	1	0	0.000	0
459	456	37.4	4.95	3.3	5.89	8.57	0	0	-550	1	0	0	1	1	0	0.000	0
460	457	37.48	4.94	3.3	5.94	8.48	0	0	-541	1	0	0	1	1	0	0.000	0
461	458	37.57	4.91	3.3	6.04	8.8	0	0	-521	1	0	0	1	1	0	0.000	0
462	459	37.65	4.96	3.3	6.19	8.85	0	0	-529	1	0	0	1	1	0	0.000	0
463	460	37.73	5.12	3.3	6.29	8.97	0	0	-590	1	0	0	1	1	0	0.000	0
464	461	37.81	5.26	3.3	6.42	9.15	0	0	-644	1	0	0	1	1	0	0.000	0
465	462	37.89	5.31	3.3	6.57	9.34	0	0	-653	1	0	0	1	1	0	0.000	0
466	463	37.98	5.48	3.3	6.71	9.56	0	0	-727	1	0	0	1	1	0	0.000	0
467	464	38.06	5.69	3.3	6.79	9.71	0	0	-842	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	5.89	3.3	6.69	9.67	0	0	-996	1	0	0	1	1	0	0.000	0
469	466	38.22	5.87	3.3	6.35	9.17	0	0	-1039	1	0	0	1	1	0	0.000	0
470	467	38.3	5.66	3.4	5.85	8.49	0	0	-958	1	0	0	1	1	0	0.000	0
471	468	38.39	5.18	3.4	5.31	7.8	0	0	-716	1	0	0	1	1	0	0.000	0
472	469	38.47	4.49	3.4	4.81	7.19	0	0	-444	1	0	0	1	1	0	0.000	0
473	470	38.55	3.7	3.3	4.41	6.62	0	0	-244	1	0	0	1	1	0	0.000	0
474	471	38.63	3.12	3.3	4.15	6.25	0	0	-154	1	0	0	1	1	0	0.000	0
475	472	38.71	2.84	3.3	4.08	6.12	0	0	-122	1	0	1	1	1	0	0.000	0
476	473	38.8	2.69	3.3	4.27	6.27	0	0	-105	1	0	1	1	1	0	0.000	0
477	474	38.88	2.26	3.2	4.72	6.83	0	0	-68	1	0	1	1	1	0	0.000	0
478	475	38.96	1.81	3.1	5.22	7.69	0	0	-42	1	0	1	1	1	0	0.000	0
479	476	39.04	1.59	3.1	5.52	8.04	0	0	-33	1	0	1	1	1	0	0.000	0
480	477	39.12	1.7	3.1	5.51	7.89	0	0	-36	1	0	1	1	1	0	0.000	0
481	478	39.21	1.91	3.1	5.38	7.53	0	0	-45	1	0	1	1	1	0	0.000	0
482	479	39.29	1.96	3.1	5.31	7.38	0	0	-48	1	0	1	1	1	0	0.000	0
483	480	39.37	1.89	3.1	5.28	7.46	0	0	-45	1	0	1	1	1	0	0.000	0
484	481	39.45	1.85	3.1	5.2	7.3	0	0	-44	1	0	1	1	1	0	0.000	0
485	482	39.53	1.89	3.2	5.01	7.05	0	0	-47	1	0	1	1	1	0	0.000	0
486	483	39.62	2	3.2	4.81	6.71	0	0	-53	1	0	1	1	1	0	0.000	0
487	484	39.7	2.21	3.2	4.67	6.52	0	0	-65	1	0	1	1	1	0	0.000	0
488	485	39.78	2.5	3.2	4.63	6.48	0	0	-85	1	0	1	1	1	0	0.000	0
489	486	39.86	2.75	3.3	4.67	6.54	0	0	-105	1	0	1	1	1	0	0.000	0
490	487	39.94	2.95	3.3	4.73	6.66	0	0	-124	1	0	1	1	1	0	0.000	0
491	488	40.03	3.17	3.3	4.77	6.76	0	0	-149	1	0	0	1	1	0	0.000	0
492	489	40.11	3.37	3.3	4.79	6.78	0	0	-176	1	0	0	1	1	0	0.000	0
493	490	40.19	3.47	3.3	4.8	6.87	0	0	-192	1	0	0	1	1	0	0.000	0
494	491	40.27	3.45	3.3	4.79	6.87	0	0	-189	1	0	0	1	1	0	0.000	0
495	492	40.35	3.43	3.3	4.76	6.83	0	0	-186	1	0	0	1	1	0	0.000	0
496	493	40.44	3.36	3.3	4.75	6.83	0	0	-176	1	0	0	1	1	0	0.000	0
497	494	40.52	3.27	3.3	4.74	6.88	0	0	-163	1	0	0	1	1	0	0.000	0
498	495	40.6	3.06	3.3	4.71	6.8	0	0	-137	1	0	0	1	1	0	0.000	0
499	496	40.68	2.82	3.3	4.61	6.74	0	0	-113	1	0	1	1	1	0	0.000	0
500	497	40.76	2.66	3.3	4.52	6.52	0	0	-99	1	0	1	1	1	0	0.000	0
501	498	40.85	2.66	3.3	4.43	6.48	0	0	-100	1	0	1	1	1	0	0.000	0
502	499	40.93	2.77	3.3	4.42	6.42	0	0	-110	1	0	1	1	1	0	0.000	0
503	500	41.01	2.82	3.3	4.43	6.42	0	0	-115	1	0	1	1	1	0	0.000	0
504	501	41.09	2.8	3.3	4.47	6.51	0	0	-113	1	0	1	1	1	0	0.000	0
505	502	41.17	2.69	3.3	4.56	6.52	0	0	-101	1	0	1	1	1	0	0.000	0
506	503	41.26	2.7	3.2	4.79	6.8	0	0	-99	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2.7	3.2	5.21	7.35	0	0	-94	1	0	1	1	1	0	0.000	0
508	505	41.42	2.76	3.2	5.6	8.06	0	0	-93	1	0	1	1	1	0	0.000	0
509	506	41.5	2.77	3.2	5.8	8.3	0	0	-91	1	0	1	1	1	0	0.000	0
510	507	41.58	3.02	3.2	5.78	8.33	0	0	-114	1	0	0	1	1	0	0.000	0
511	508	41.67	3.42	3.2	5.79	8.2	0	0	-160	1	0	0	1	1	0	0.000	0
512	509	41.75	3.77	3.2	5.86	8.41	0	0	-213	1	0	0	1	1	0	0.000	0
513	510	41.83	3.89	3.3	5.94	8.57	0	0	-232	1	0	0	1	1	0	0.000	0
514	511	41.91	3.98	3.3	5.88	8.54	0	0	-252	1	0	0	1	1	0	0.000	0
515	512	41.99	4.19	3.3	5.76	8.34	0	0	-305	1	0	0	1	1	0	0.000	0
516	513	42.08	4.42	3.3	5.6	8.18	0	0	-376	1	0	0	1	1	0	0.000	0
517	514	42.16	4.62	3.3	5.47	7.98	0	0	-450	1	0	0	1	1	0	0.000	0
518	515	42.24	4.77	3.3	5.36	7.9	0	0	-515	1	0	0	1	1	0	0.000	0
519	516	42.32	4.97	3.4	5.28	7.8	0	0	-610	1	0	0	1	1	0	0.000	0
520	517	42.4	5.19	3.4	5.19	7.75	0	0	-734	1	0	0	1	1	0	0.000	0
521	518	42.49	5.31	3.4	5.15	7.66	0	0	-809	1	0	0	1	1	0	0.000	0
522	519	42.57	5.45	3.4	5.13	7.69	0	0	-904	1	0	0	1	1	0	0.000	0
523	520	42.65	5.61	3.4	5.11	7.71	0	0	-1025	1	0	0	1	1	0	0.000	0
524	521	42.73	5.91	3.4	5.06	7.66	0	0	-1[illegible]05	1	0	0	1	1	0	0.000	0
525	522	42.81	6.3	3.4	4.91	7.6	0	0	-1[illegible]68	1	0	0	1	1	0	0.000	0
526	523	42.9	6.59	3.5	4.73	7.28	0	0	-22[illegible]0	1	0	0	1	1	0	0.000	0
527	524	42.98	6.94	3.5	4.57	7.08	0	0	-2947	1	0	0	1	1	0	0.000	0
528	525	43.06	7.09	3.5	4.6	7.06	0	0	-3[illegible]70	1	0	0	1	1	0	0.000	0
529	526	43.14	7.04	3.5	4.86	7.44	0	0	-3051	1	0	0	1	1	0	0.000	0
530	527	43.22	6.63	3.4	5.37	8.15	0	0	-2117	1	0	0	1	1	0	0.000	0
531	528	43.31	6.36	3.4	6	9.07	0	0	-1583	1	0	0	1	1	0	0.000	0
532	529	43.39	6.6	3.3	6.73	9.93	0	0	-1676	1	0	0	1	1	0	0.000	0
533	530	43.47	6.89	3.3	7.61	11.05	0	0	-1753	1	0	0	1	1	0	0.000	0
534	531	43.55	7.06	3.3	8.54	12.55	0	0	-1604	1	0	0	1	1	0	0.000	0
535	532	43.63	6.98	3.2	9.37	13.61	0	0	-1197	1	0	0	1	1	0	0.000	0
536	533	43.72	7.05	3.2	9.75	14.35	0	0	-1106	1	0	0	1	1	0	0.000	0
537	534	43.8	7.32	3.2	9.73	14.1	0	0	-1351	1	0	0	1	1	0	0.000	0
538	535	43.88	7.71	3.3	9.34	13.56	0	0	-2027	1	0	0	1	1	0	0.000	0
539	536	43.96	8.17	3.3	8.83	12.82	0	0	-3235	1	0	0	1	1	0	0.000	0
540	537	44.04	8.47	3.3	8.42	12.14	0	0	-4410	1	0	0	1	1	0	0.000	0
541	538	44.13	8.66	3.4	8.14	11.93	0	0	-5357	1	0	0	1	1	0	0.000	0
542	539	44.21	8.62	3.4	8.01	11.74	0	0	-5370	1	0	0	1	1	0	0.000	0
543	540	44.29	8.58	3.4	7.9	11.63	0	0	-5355	1	0	0	1	1	0	0.000	0
544	541	44.37	8.68	3.4	7.69	11.47	0	0	-5989	1	0	0	1	1	0	0.000	0
545	542	44.45	8.89	3.4	7.36	10.91	0	0	-7364	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	9.01	3.4	7.01	10.37	0	0	-8517	1	0	0	1	1	0	0.000	0
547	544	44.62	8.99	3.4	6.71	10.16	0	0	-8864	1	0	0	1	1	0	0.000	0
548	545	44.7	9.07	3.4	6.42	9.78	0	0	-9814	1	0	0	1	1	0	0.000	0
549	546	44.78	9.07	3.5	6.09	9.26	0	0	-10347	1	0	0	1	1	0	0.000	0
550	547	44.86	8.77	3.5	5.82	8.91	0	0	-8834	1	0	0	1	1	0	0.000	0
551	548	44.95	8.36	3.5	5.57	8.74	0	0	-6953	1	0	0	1	1	0	0.000	0
552	549	45.03	7.88	3.5	5.33	8.28	0	0	-5176	1	0	0	1	1	0	0.000	0
553	550	45.11	7.53	3.5	5.04	7.98	0	0	-4218	1	0	0	1	1	0	0.000	0
554	551	45.19	6.84	3.5	4.83	7.61	0	0	-2652	1	0	0	1	1	0	0.000	0
555	552	45.27	6.11	3.5	4.65	7.46	0	0	-1588	1	0	0	1	1	0	0.000	0
556	553	45.36	5.35	3.4	4.47	7.24	0	0	-912	1	0	0	1	1	0	0.000	0
557	554	45.44	4.81	3.4	4.27	6.91	0	0	-613	1	0	0	1	1	0	0.000	0
558	555	45.52	4.47	3.4	4.09	6.66	0	0	-478	1	0	0	1	1	0	0.000	0
559	556	45.6	4.3	3.4	4.01	6.47	0	0	-420	1	0	0	1	1	0	0.000	0
560	557	45.69	4.23	3.4	4.11	6.55	0	0	-392	1	0	0	1	1	0	0.000	0
561	558	45.77	4.3	3.4	4.33	6.99	0	0	-404	1	0	0	1	1	0	0.000	0
562	559	45.85	4.42	3.4	4.58	7.26	0	0	-432	1	0	0	1	1	0	0.000	0
563	560	45.93	4.57	3.4	4.7	7.46	0	0	[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	4.72	3.4	4.71	7.43	0	0	[illegible]40	1	0	0	1	1	0	0.000	0
565	562	46.1	4.77	3.4	4.62	7.27	0	0	-5[illegible]9	1	0	0	1	1	0	0.000	0
566	563	46.18	4.77	3.4	4.49	7.09	0	0	-57[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	4.68	3.4	4.36	6.88	0	0	[illegible]47	1	0	0	1	1	0	0.000	0
568	565	46.34	4.55	3.4	4.25	6.75	0	0	-500	1	0	0	1	1	0	0.000	0
569	566	46.42	4.34	3.4	4.17	6.64	0	0	-426	1	0	0	1	1	0	0.000	0
570	567	46.51	4.13	3.4	4.12	6.49	0	0	-361	1	0	0	1	1	0	0.000	0
571	568	46.59	3.87	3.4	4.17	6.52	0	0	-290	1	0	0	1	1	0	0.000	0
572	569	46.67	3.72	3.4	4.3	6.73	0	0	-252	1	0	0	1	1	0	0.000	0
573	570	46.75	3.72	3.3	4.56	6.93	0	0	-244	1	0	0	1	1	0	0.000	0
574	571	46.83	3.67	3.3	4.93	7.44	0	0	-223	1	0	0	1	1	0	0.000	0
575	572	46.92	3.65	3.3	5.15	8.12	0	0	-213	1	0	0	1	1	0	0.000	0
576	573	47	3.59	3.3	5.16	7.93	0	0	-202	1	0	0	1	1	0	0.000	0
577	574	47.08	3.65	3.3	5.04	7.69	0	0	-216	1	0	0	1	1	0	0.000	0
578	575	47.16	3.74	3.3	4.87	7.85	0	0	-238	1	0	0	1	1	0	0.000	0
579	576	47.24	3.7	3.3	4.79	7.3	0	0	-233	1	0	0	1	1	0	0.000	0
580	577	47.33	3.62	3.3	4.65	7.28	0	0	-222	1	0	0	1	1	0	0.000	0
581	578	47.41	3.7	3.3	4.75	7.23	0	0	-234	1	0	0	1	1	0	0.000	0
582	579	47.49	3.69	3.3	5.01	7.57	0	0	-224	1	0	0	1	1	0	0.000	0
583	580	47.57	3.9	3.3	5.24	8.04	0	0	-259	1	0	0	1	1	0	0.000	0
584	581	47.65	3.88	3.3	5.35	7.92	0	0	-251	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	4.04	3.3	5.26	7.85	0	0	-290	1	0	0	1	1	0	0.000	0
586	583	47.82	3.99	3.3	5.21	7.71	0	0	-280	1	0	0	1	1	0	0.000	0
587	584	47.9	3.88	3.3	5.23	7.7	0	0	-255	1	0	0	1	1	0	0.000	0
588	585	47.98	3.81	3.3	5.3	7.84	0	0	-238	1	0	0	1	1	0	0.000	0
589	586	48.06	3.82	3.3	5.4	7.93	0	0	-237	1	0	0	1	1	0	0.000	0
590	587	48.15	4.04	3.3	5.45	8.01	0	0	-282	1	0	0	1	1	0	0.000	0
591	588	48.23	3.88	3.3	5.6	8.02	0	0	-242	1	0	0	1	1	0	0.000	0
592	589	48.31	3.53	3.2	5.82	8.48	0	0	-175	1	0	0	1	1	0	0.000	0
593	590	48.39	3.13	3.2	6.03	8.96	0	0	-121	1	0	0	1	1	0	0.000	0
594	591	48.47	3.03	3.2	5.98	9.03	0	0	-112	1	0	0	1	1	0	0.000	0
595	592	48.56	3.44	3.2	5.7	8.55	0	0	-165	1	0	0	1	1	0	0.000	0
596	593	48.64	3.96	3.3	5.3	7.98	0	0	-270	1	0	0	1	1	0	0.000	0
597	594	48.72	4.18	3.3	4.86	7.43	0	0	-343	1	0	0	1	1	0	0.000	0
598	595	48.8	3.78	3.4	4.44	6.7	0	0	-260	1	0	0	1	1	0	0.000	0
599	596	48.88	3.07	3.3	4.09	6.28	0	0	-149	1	0	0	1	1	0	0.000	0
600	597	48.97	2.56	3.3	3.93	6.04	0	0	-97	1	0	1	1	1	0	0.000	0
601	598	49.05	2.2	3.3	3.97	5.97	0	0	-70	1	0	1	1	1	0	0.000	0
602	599	49.13	1.85	3.2	4.21	6.29	0	0	-50	1	0	1	1	1	0	0.000	0
603	600	49.21	1.67	3.2	4.61	6.85	0	0	-40	1	0	1	1	1	0	0.000	0
604	601	49.29	1.63	3.1	5.15	7.45	0	0	-[illegible]	1	0	1	1	1	0	0.000	0
605	602	49.38	1.82	3.1	5.64	8.34	0	0	-40	1	0	1	1	1	0	0.000	0
606	603	49.46	2.16	3.1	6.2	8.8	0	0	-50	1	0	1	1	1	0	0.000	0
607	604	49.54	2.61	3.1	6.61	9.69	0	0	-70	1	0	1	1	1	0	0.000	0
608	605	49.62	3.14	3.1	7.01	10.07	0	0	-103	1	0	0	1	1	0	0.000	0
609	606	49.7	3.7	3.2	7.21	10.52	0	0	-160	1	0	0	1	1	0	0.000	0
610	607	49.79	4.2	3.2	7.37	10.65	0	0	-234	1	0	0	1	1	0	0.000	0
611	608	49.87	4.72	3.2	7.41	10.79	0	0	-353	1	0	0	1	1	0	0.000	0
612	609	49.95	5.22	3.2	7.39	10.82	0	0	-525	1	0	0	1	1	0	0.000	0
613	610	50.03	5.69	3.3	7.33	10.75	0	0	-762	1	0	0	1	1	0	0.000	0
614	611	50.11	6.02	3.3	7.34	10.66	0	0	-976	1	0	0	1	1	0	0.000	0
615	612	50.2	6.19	3.3	7.42	10.92	0	0	-1091	1	0	0	1	1	0	0.000	0
616	613	50.28	6.31	3.3	7.63	11.1	0	0	-1143	1	0	0	1	1	0	0.000	0
617	614	50.36	4.11	3.2	7.92	11.62	0	0	-194	1	0	0	1	1	0	0.000	0
618	615	50.44	2.03	3.0	8.24	12.15	0	0	-30	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	8.4	12.48	0	0	-4	1	0	1	1	1	0	0.000	0
620	617	50.61	0	4.1	8.41	12.34	0	0	-4	1	0	1	1	1	0	0.000	0
621	618	50.69	0	4.1	8.34	12.33	0	0	-4	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

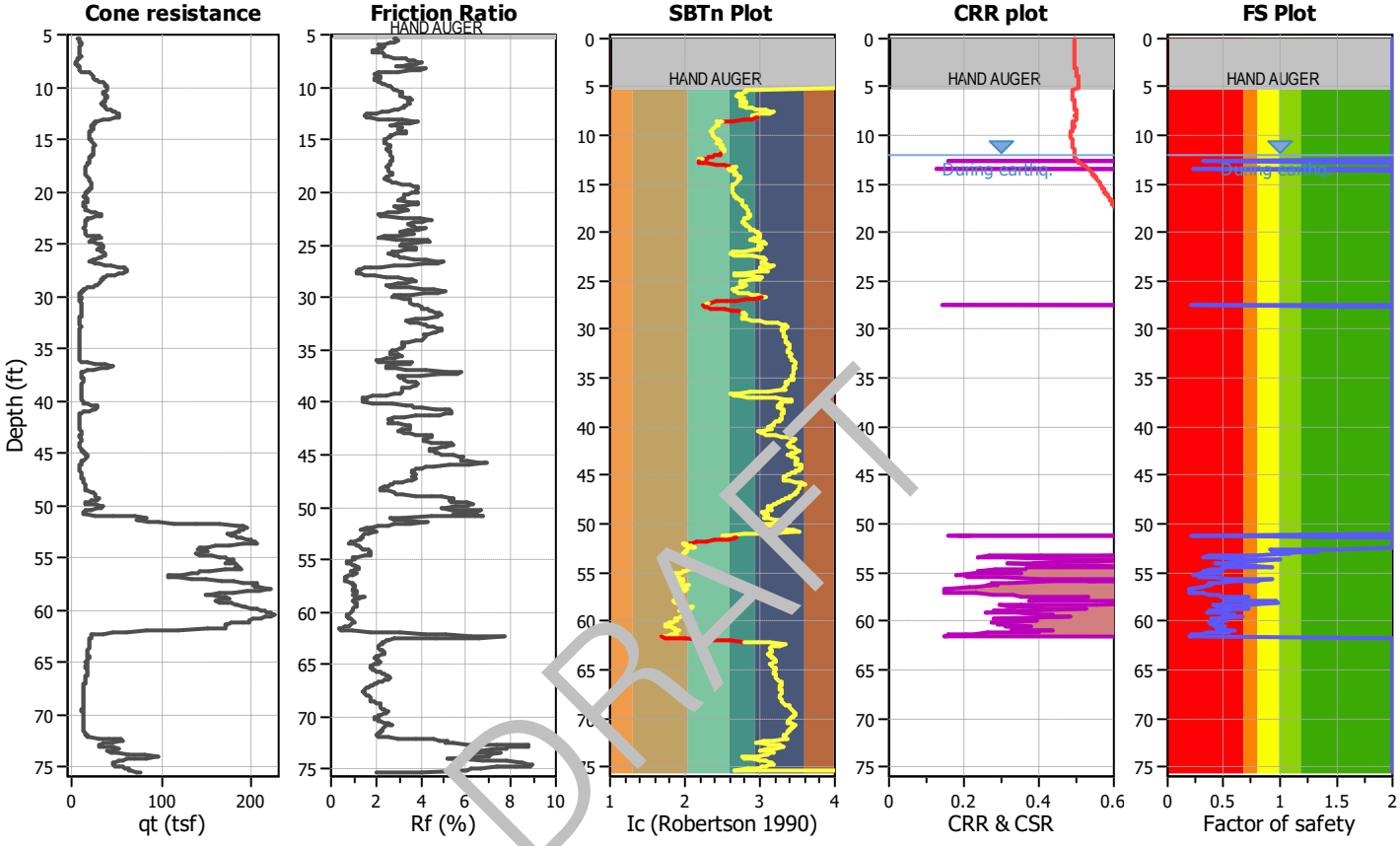
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-26

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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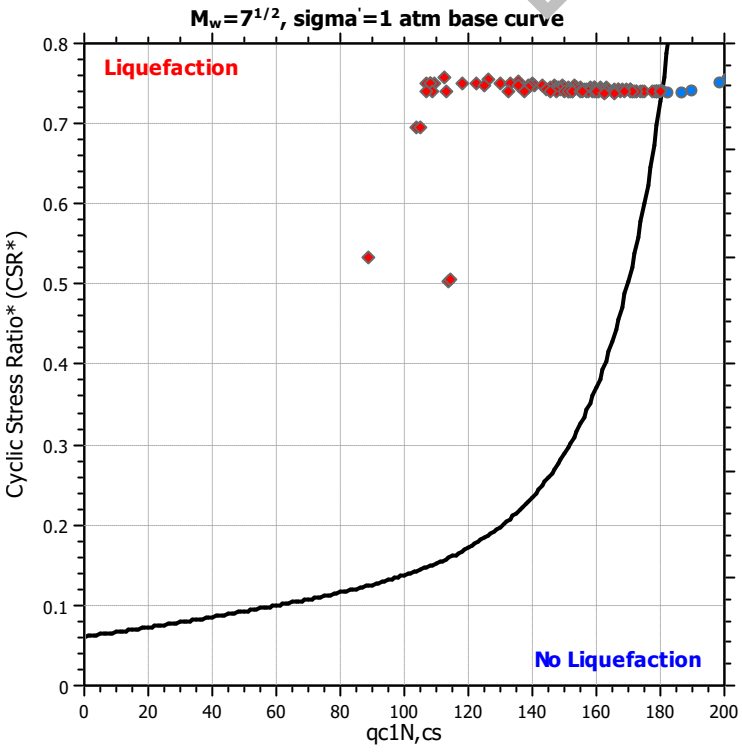
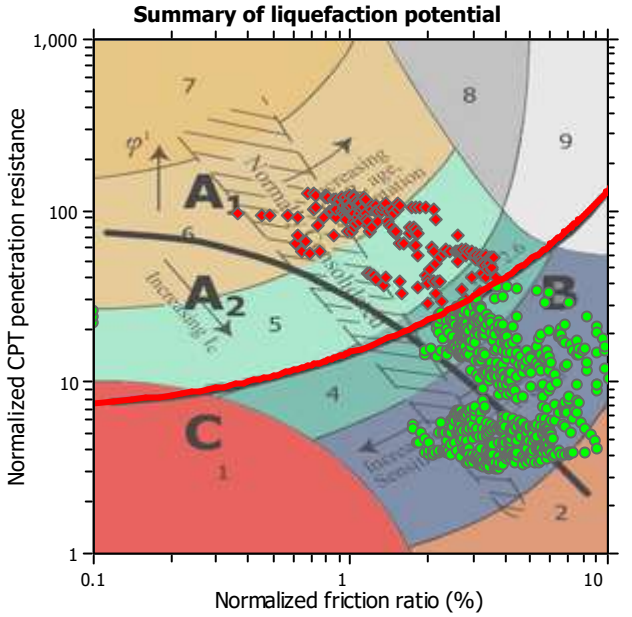
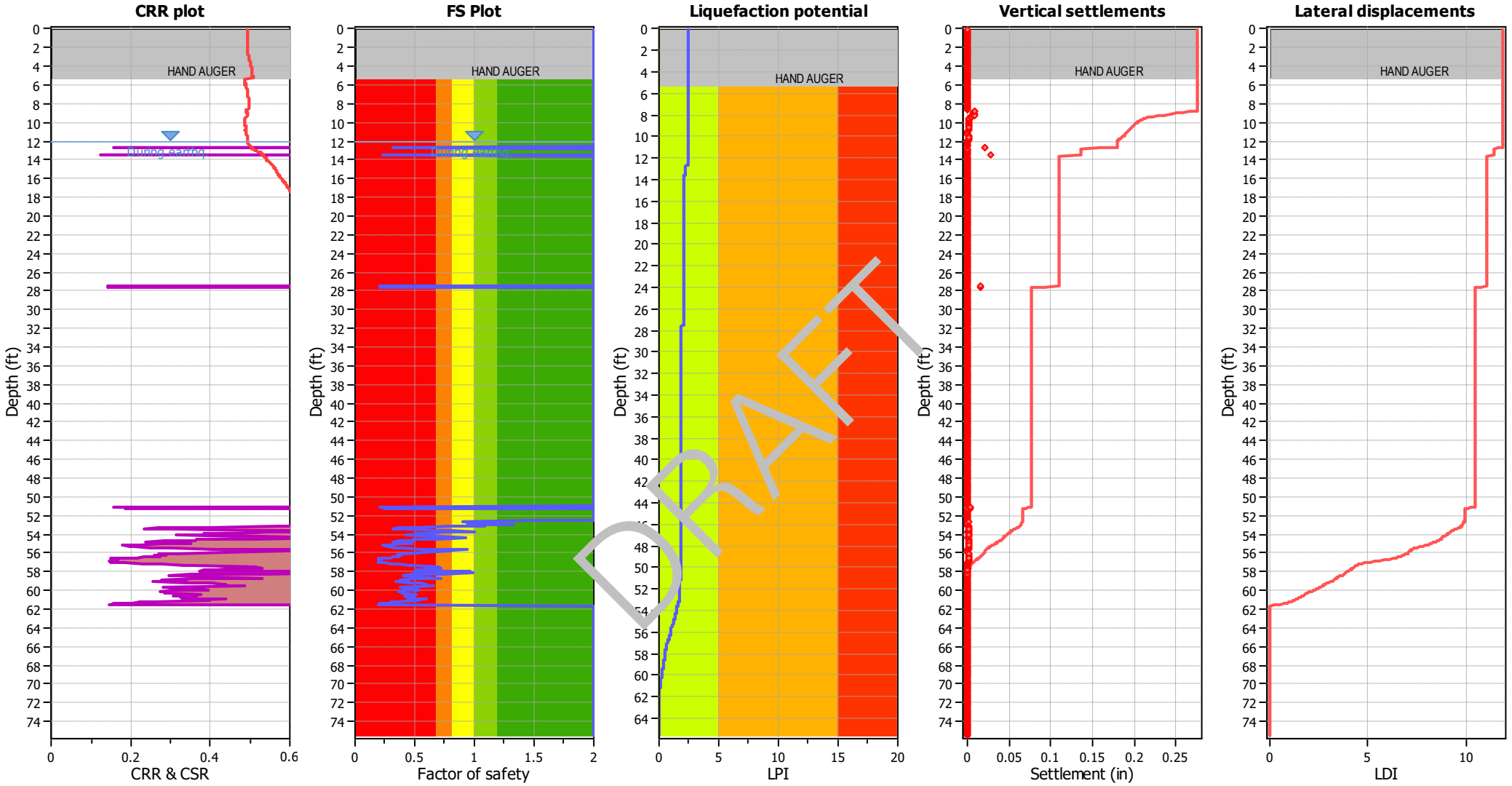




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-26, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
20	17	1.39	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
21	18	1.48	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
22	19	1.56	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
23	20	1.64	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
24	21	1.72	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
25	22	1.8	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
26	23	1.89	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
27	24	1.97	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
28	25	2.05	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
29	26	2.13	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
30	27	2.21	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
31	28	2.3	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
32	29	2.38	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
33	30	2.46	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
34	31	2.54	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
35	32	2.62	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
36	33	2.71	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
37	34	2.79	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
38	35	2.87	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
40	37	3.03	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
41	38	3.12	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
42	39	3.2	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
43	40	3.28	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
44	41	3.36	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
45	42	3.44	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
46	43	3.53	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
47	44	3.61	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
48	45	3.69	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
49	46	3.77	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
50	47	3.85	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
51	48	3.94	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
52	49	4.02	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
53	50	4.1	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
54	51	4.18	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
55	52	4.26	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
56	53	4.35	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
57	54	4.43	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
58	55	4.51	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
59	56	4.59	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
60	57	4.68	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
61	58	4.76	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
62	59	4.84	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
63	60	4.92	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
64	61	5	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
65	62	5.09	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
66	63	5.17	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
67	64	5.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.110	0
68	65	5.33	2.95	2.9	11.51	16	0	0	-16	1	0	1	1	1	0	0.110	0
69	66	5.41	2.98	2.8	17.15	14.92	0	0	76	1	0	1	1	1	0	0.110	0
70	67	5.5	3.08	2.8	16.65	14.42	0	0	74	1	0	0	1	1	0	0.110	0
71	68	5.58	3.06	2.8	16.82	14.75	0	0	76	1	0	0	1	1	0	0.110	0
72	69	5.66	2.9	2.8	17.32	15.35	0	0	74	1	0	1	1	1	0	0.110	0
73	70	5.74	2.69	2.8	18.02	15.7	0	0	70	1	0	1	1	1	0	0.110	0
74	71	5.82	2.41	2.7	19.04	16.57	0	0	65	1	0	1	1	1	0	0.110	0
75	72	5.91	2.2	2.7	20.07	17.97	0	0	62	1	0	1	1	1	0	0.110	0
76	73	5.99	2.22	2.7	19.29	18.35	0	0	57	1	0	1	1	1	0	0.110	0
77	74	6.07	2.31	2.7	17.55	14.5	0	0	46	1	0	1	1	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	2.46	2.8	15.5	13.49	0	0	31	1	0	1	1	1	0	0.110	0
79	76	6.23	2.37	2.8	15.12	13.07	0	0	25	1	0	1	1	1	0	0.110	0
80	77	6.32	2.25	2.8	15.25	13.57	0	0	24	1	0	1	1	1	0	0.110	0
81	78	6.4	2.06	2.8	15.56	13.86	0	0	22	1	0	1	1	1	0	0.110	0
82	79	6.48	1.97	2.8	15.04	13.9	0	0	17	1	0	1	1	1	0	0.110	0
83	80	6.56	1.96	2.8	14.4	12.24	0	0	13	1	0	1	1	1	0	0.110	0
84	81	6.64	2.18	2.8	13.79	12.27	0	0	10	1	0	1	1	1	0	0.110	0
85	82	6.73	2.39	2.8	14.41	12.37	0	0	19	1	0	1	1	1	0	0.110	0
86	83	6.81	2.52	2.8	15.63	13.89	0	0	34	1	0	1	1	1	0	0.110	0
87	84	6.89	2.5	2.8	17.37	15.44	0	0	52	1	0	1	1	1	0	0.110	0
88	85	6.97	2.51	2.7	18.2	16.81	0	0	62	1	0	1	1	1	0	0.110	0
89	86	7.05	2.66	2.8	17.68	16.03	0	0	64	1	0	1	1	1	0	0.110	0
90	87	7.14	2.98	2.8	16.08	14.13	0	0	59	1	0	1	1	1	0	0.110	0
91	88	7.22	3.29	2.9	14.41	12.76	0	0	41	1	0	0	1	1	0	0.110	0
92	89	7.3	3.53	3.0	12.89	11.76	0	0	10	1	0	0	1	1	0	0.110	0
93	90	7.38	3.66	3.0	11.45	10.22	0	0	-31	1	0	0	1	1	0	0.110	0
94	91	7.46	3.97	3.1	9.75	9.08	0	0	-104	1	0	0	1	1	0	0.110	0
95	92	7.55	4.23	3.1	8.51	7.46	0	0	-[illegible]7	1	0	0	1	1	0	0.110	0
96	93	7.63	4.43	3.2	7.87	7.05	0	0	-[illegible]55	1	0	0	1	1	0	0.110	0
97	94	7.71	4.11	3.1	8.41	7.42	0	0	-1[illegible]3	1	0	0	1	1	0	0.110	0
98	95	7.79	3.79	3.1	9.54	8.65	0	0	-9[illegible]	1	0	0	1	1	0	0.110	0
99	96	7.87	3.42	3.0	11.15	9.65	0	0	32	1	0	0	1	1	0	0.110	0
100	97	7.96	3.05	2.9	13.19	11.14	0	0	12	1	0	0	1	1	0	0.110	0
101	98	8.04	3.32	2.9	14.61	13.32	0	0	46	1	0	0	1	1	0	0.110	0
102	99	8.12	3.93	2.9	14.96	12.79	0	0	90	1	0	0	0	1	0	0.110	0
103	100	8.2	4.48	3.0	14.56	11.78	0	0	118	1	0	0	0	1	0	0.110	0
104	101	8.28	4.21	3.0	14.58	12.2	0	0	96	1	0	0	0	1	0	0.110	0
105	102	8.37	3.69	2.9	15.3	12.71	0	0	84	1	0	0	0	1	0	0.110	0
106	103	8.45	3.16	2.8	18.73	13.31	0	0	119	1	0	0	0	1	0	0.110	0
107	104	8.53	2.53	2.6	25.98	19.68	0	0	149	1	0	1	0	1	0	0.110	0
108	105	8.61	2.14	2.5	32.86	29.31	0	0	159	1	1	1	0	1	0	0.110	0
109	106	8.69	2.01	2.4	37.48	31.4	0	0	173	1	1	1	0	1	0	0.110	0
110	107	8.78	2.09	2.4	38.43	32.08	0	0	193	1	1	1	0	1	0	0.110	0
111	108	8.86	2.19	2.5	38.64	31.85	0	0	213	1	1	1	0	1	0	0.110	0
112	109	8.94	2.24	2.5	38.5	31.87	0	0	222	1	1	1	0	1	0	0.110	0
113	110	9.02	2.2	2.5	38.64	31.84	0	0	215	1	1	1	0	1	0	0.110	0
114	111	9.1	2.09	2.4	39.05	32.52	0	0	198	1	1	1	0	1	0	0.110	0
115	112	9.19	1.99	2.4	40.03	33.49	0	0	187	1	1	1	0	1	0	0.110	0
116	113	9.27	1.95	2.4	41.96	34.87	0	0	193	1	1	1	0	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.04	2.4	44.96	37.78	0	0	231	1	1	1	0	1	0	0.110	0
118	115	9.43	2.13	2.4	49.04	40.84	0	0	282	1	1	1	0	1	0	0.110	0
119	116	9.51	2.23	2.4	53.04	44.9	0	0	343	1	1	1	0	1	0	0.110	0
120	117	9.6	2.31	2.3	56.02	47.58	0	0	395	1	1	1	0	1	0	0.110	0
121	118	9.68	2.43	2.4	57.38	48.35	0	0	454	1	1	1	0	1	0	0.110	0
122	119	9.76	2.56	2.4	57.54	48.2	0	0	511	1	1	1	0	1	0	0.110	0
123	120	9.84	2.64	2.4	57.92	47.94	0	0	553	1	1	1	0	1	0	0.110	0
124	121	9.92	2.68	2.4	58.51	49.45	0	0	580	1	1	1	0	1	0	0.110	0
125	122	10.01	2.73	2.4	59.16	49.92	0	0	615	1	1	1	0	1	0	0.110	0
126	123	10.09	2.79	2.4	59.17	49.78	0	0	648	1	1	1	0	1	0	0.110	0
127	124	10.17	2.87	2.4	58.42	49.59	0	0	684	1	1	1	0	1	0	0.110	0
128	125	10.25	2.96	2.4	57.36	48.08	0	0	722	1	1	1	0	1	0	0.110	0
129	126	10.33	3.08	2.4	55.76	47.17	0	0	773	1	1	0	0	1	0	0.110	0
130	127	10.42	3.17	2.4	54.17	45.61	0	0	804	1	1	0	0	1	0	0.110	0
131	128	10.5	3.22	2.5	52.75	44.18	0	0	811	1	1	0	0	1	0	0.110	0
132	129	10.58	3.22	2.5	52.22	43.78	0	0	800	1	1	0	0	1	0	0.110	0
133	130	10.66	3.15	2.5	53.05	44.61	0	0	769	1	1	0	0	1	0	0.110	0
134	131	10.74	3.09	2.4	54.71	46.79	0	0	[illegible]	1	1	0	0	1	0	0.110	0
135	132	10.83	3.16	2.4	55.39	48.44	0	0	21	1	1	0	0	1	0	0.110	0
136	133	10.91	3.35	2.5	54.75	46.5	0	0	9[illegible]	1	1	0	0	1	0	0.110	0
137	134	10.99	3.56	2.5	53.38	45.03	0	0	1098	1	1	0	0	1	0	0.110	0
138	135	11.07	3.62	2.5	52.94	44.83	0	0	[illegible]43	1	1	0	0	1	0	0.110	0
139	136	11.15	3.56	2.5	53.14	45.58	0	0	1092	1	1	0	0	1	0	0.110	0
140	137	11.24	3.49	2.5	52.93	46	0	0	1024	1	1	0	0	1	0	0.110	0
141	138	11.32	3.47	2.5	51.56	44.78	0	0	973	1	1	0	0	1	0	0.110	0
142	139	11.4	3.49	2.5	49.25	42.42	0	0	931	1	1	0	0	1	0	0.110	0
143	140	11.48	3.55	2.5	46.78	40.35	0	0	913	1	1	0	0	1	0	0.110	0
144	141	11.56	3.52	2.5	45.36	38.66	0	0	854	1	1	0	0	1	0	0.110	0
145	142	11.65	3.42	2.5	45.88	39.11	0	0	797	1	1	0	0	1	0	0.110	0
146	143	11.73	3.32	2.5	47.68	42.12	0	0	772	1	1	0	0	1	0	0.110	0
147	144	11.81	3.28	2.5	49.14	43.79	0	0	777	1	1	0	0	1	0	0.110	0
148	145	11.89	3.28	2.5	49.52	43.31	0	0	785	1	1	0	0	1	0	0.110	0
149	146	11.97	3.23	2.5	49.98	43.42	0	0	761	1	1	0	0	1	0	0.110	0
150	147	12.06	3.05	2.4	52.2	45.43	0	0	691	1	1	0	0	1	0	0.110	0
151	148	12.14	2.81	2.4	55.42	49.78	0	0	607	1	1	1	0	1	0	0.110	0
152	149	12.22	2.59	2.4	58.02	52.81	0	0	530	1	1	1	0	1	0	0.110	0
153	150	12.3	2.35	2.3	59.51	53.29	0	0	443	1	1	1	0	1	0	0.110	0
154	151	12.38	2.06	2.3	60.71	54.84	0	0	350	1	1	1	0	1	0	0.110	0
155	152	12.47	1.78	2.2	62.31	57.4	0	0	280	1	1	1	0	1	0	0.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.6	2.2	63.66	59.13	0	0	243	1	1	1	0	1	0	0.110	0
157	154	12.63	1.54	2.2	64.41	59.66	0.02	0.22	233	1	1	1	0	1	0	0.110	0
158	155	12.71	1.54	2.2	64.65	59.99	0.02	0.22	234	1	1	1	0	1	0	0.090	0
159	156	12.8	1.6	2.2	64.52	60.03	0	0	247	1	1	1	0	1	0	0.070	0
160	157	12.88	1.77	2.2	62.59	59.21	0	0	279	1	1	1	0	1	0	0.070	0
161	158	12.96	2.11	2.3	58.05	54.25	0	0	346	1	1	1	0	1	0	0.070	0
162	159	13.04	2.62	2.4	50.69	46.63	0	0	457	1	1	1	0	1	0	0.070	0
163	160	13.12	3.24	2.5	42.64	38.13	0	0	618	1	1	0	0	1	0	0.070	0
164	161	13.21	3.76	2.6	35.82	31.69	0	0	741	1	0	0	0	1	0	0.070	0
165	162	13.29	3.93	2.7	31.61	27.89	0	0	699	1	0	0	0	1	0	0.070	0
166	163	13.37	3.64	2.7	30.25	26.88	0	0	510	1	0	0	0	1	0	0.070	0
167	164	13.45	3.12	2.6	30.57	28.38	0	0	334	1	0	0	0	1	0	0.070	0
168	165	13.53	2.8	2.6	30.54	29.32	0.03	0.4	253	1	1	1	0	1	0	0.070	0
169	166	13.62	2.76	2.6	29.13	27.25	0	0	225	1	0	1	0	1	0	0.040	0
170	167	13.7	3	2.7	27.08	24.7	0	0	243	1	0	0	0	1	0	0.040	0
171	168	13.78	3.2	2.7	26.36	23.67	0	0	274	1	0	0	0	1	0	0.040	0
172	169	13.86	3.23	2.7	27.23	25.29	0	0	299	1	0	0	0	1	0	0.040	0
173	170	13.94	3.12	2.7	28.46	27.27	0	0	305	1	0	0	0	1	0	0.040	0
174	171	14.03	3.11	2.7	28.03	27.32	0	0	285	1	0	0	0	1	0	0.040	0
175	172	14.11	3.25	2.7	26.29	24.27	0	0	255	1	0	0	0	1	0	0.040	0
176	173	14.19	3.43	2.7	24.2	22.5	0	0	282	1	0	0	0	1	0	0.040	0
177	174	14.27	3.45	2.7	23.04	21.57	0	0	258	1	0	0	0	1	0	0.040	0
178	175	14.35	3.26	2.7	22.3	21.18	0	0	204	1	0	0	0	1	0	0.040	0
179	176	14.44	3.01	2.7	21.86	20.64	0	0	157	1	0	0	0	1	0	0.040	0
180	177	14.52	2.82	2.7	21.4	20.56	0	0	127	1	0	1	0	1	0	0.040	0
181	178	14.6	2.74	2.7	21.11	20.11	0	0	114	1	0	1	0	1	0	0.040	0
182	179	14.68	2.72	2.7	20.89	19.96	0	0	110	1	0	1	0	1	0	0.040	0
183	180	14.76	2.66	2.7	21.01	20.05	0	0	105	1	0	1	0	1	0	0.040	0
184	181	14.85	2.58	2.7	21.44	20.56	0	0	103	1	0	1	0	1	0	0.040	0
185	182	14.93	2.53	2.7	21.97	21.3	0	0	105	1	0	1	0	1	0	0.040	0
186	183	15.01	2.48	2.7	22.69	21.66	0	0	108	1	0	1	0	1	0	0.040	0
187	184	15.09	2.46	2.7	23.49	22.72	0	0	114	1	0	1	0	1	0	0.040	0
188	185	15.17	2.46	2.6	24.51	23.68	0	0	125	1	0	1	0	1	0	0.040	0
189	186	15.26	2.48	2.6	25.38	24.67	0	0	136	1	0	1	0	1	0	0.040	0
190	187	15.34	2.55	2.6	26.12	25.28	0	0	153	1	0	1	0	1	0	0.040	0
191	188	15.42	2.62	2.6	26.59	25.86	0	0	169	1	0	1	0	1	0	0.040	0
192	189	15.5	2.71	2.6	26.78	26.1	0	0	185	1	0	1	0	1	0	0.040	0
193	190	15.58	2.75	2.6	26.64	25.87	0	0	190	1	0	1	0	1	0	0.040	0
194	191	15.67	2.73	2.6	26.3	25.6	0	0	182	1	0	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.64	2.6	25.96	25.28	0	0	164	1	0	1	0	1	0	0.040	0
196	193	15.83	2.58	2.6	25.7	25.1	0	0	152	1	0	1	0	1	0	0.040	0
197	194	15.91	2.57	2.6	25.53	25.01	0	0	149	1	0	1	0	1	0	0.040	0
198	195	15.99	2.64	2.6	25.23	24.84	0	0	155	1	0	1	0	1	0	0.040	0
199	196	16.08	2.71	2.7	24.86	24.3	0	0	160	1	0	1	0	1	0	0.040	0
200	197	16.16	2.76	2.7	24.53	23.98	0	0	163	1	0	1	0	1	0	0.040	0
201	198	16.24	2.74	2.7	24.25	24.04	0	0	156	1	0	1	0	1	0	0.040	0
202	199	16.32	2.72	2.7	23.93	23.65	0	0	149	1	0	1	0	1	0	0.040	0
203	200	16.4	2.73	2.7	23.28	23.2	0	0	142	1	0	1	0	1	0	0.040	0
204	201	16.49	2.76	2.7	22.29	22.29	0	0	132	1	0	1	0	1	0	0.040	0
205	202	16.57	2.83	2.7	21.26	20.92	0	0	126	1	0	1	0	1	0	0.040	0
206	203	16.65	2.86	2.7	20.36	20.33	0	0	116	1	0	1	0	1	0	0.040	0
207	204	16.73	2.88	2.8	19.76	19.78	0	0	109	1	0	1	0	1	0	0.040	0
208	205	16.81	2.88	2.8	19.29	19.3	0	0	102	1	0	1	0	1	0	0.040	0
209	206	16.9	2.87	2.8	18.97	19.07	0	0	96	1	0	1	0	1	0	0.040	0
210	207	16.98	2.82	2.8	18.79	18.96	0	0	90	1	0	1	0	1	0	0.040	0
211	208	17.06	2.79	2.8	18.46	18.87	0	0	83	1	0	1	0	1	0	0.040	0
212	209	17.14	2.77	2.8	17.99	18.2	0	0	75	1	0	1	1	1	0	0.040	0
213	210	17.22	2.77	2.8	17.31	17.69	0	0	66	1	0	1	1	1	0	0.040	0
214	211	17.31	2.74	2.8	16.66	16.97	0	0	55	1	0	1	1	1	0	0.040	0
215	212	17.39	2.71	2.8	16	16.38	0	0	45	1	0	1	1	1	0	0.040	0
216	213	17.47	2.68	2.8	15.37	15.8	0	0	36	1	0	1	1	1	0	0.040	0
217	214	17.55	2.66	2.8	14.75	15.22	0	0	28	1	0	1	1	1	0	0.040	0
218	215	17.63	2.69	2.8	14.27	14.63	0	0	23	1	0	1	1	1	0	0.040	0
219	216	17.72	2.69	2.9	14.12	14.44	0	0	21	1	0	1	1	1	0	0.040	0
220	217	17.8	2.69	2.9	14.12	14.79	0	0	21	1	0	1	1	1	0	0.040	0
221	218	17.88	2.68	2.8	14.25	14.72	0	0	22	1	0	1	1	1	0	0.040	0
222	219	17.96	2.7	2.8	14.43	14.88	0	0	25	1	0	1	1	1	0	0.040	0
223	220	18.04	2.77	2.8	14.6	15.38	0	0	29	1	0	1	1	1	0	0.040	0
224	221	18.13	2.85	2.9	14.66	15.32	0	0	32	1	0	1	1	1	0	0.040	0
225	222	18.21	2.93	2.9	14.35	15.1	0	0	29	1	0	1	1	1	0	0.040	0
226	223	18.29	2.9	2.9	14.09	14.55	0	0	24	1	0	1	1	1	0	0.040	0
227	224	18.37	2.82	2.9	14.14	14.59	0	0	23	1	0	1	1	1	0	0.040	0
228	225	18.45	2.71	2.8	14.69	15.34	0	0	28	1	0	1	1	1	0	0.040	0
229	226	18.54	2.62	2.8	15.38	16.27	0	0	34	1	0	1	1	1	0	0.040	0
230	227	18.62	2.55	2.8	15.99	16.78	0	0	39	1	0	1	1	1	0	0.040	0
231	228	18.7	2.54	2.8	16.49	17.34	0	0	44	1	0	1	1	1	0	0.040	0
232	229	18.78	2.65	2.8	17.04	17.96	0	0	56	1	0	1	1	1	0	0.040	0
233	230	18.86	2.73	2.8	17.65	18.57	0	0	68	1	0	1	1	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.81	2.8	18.11	19.29	0	0	79	1	0	1	1	1	0	0.040	0
235	232	19.03	2.84	2.8	18.42	19.49	0	0	86	1	0	1	0	1	0	0.040	0
236	233	19.11	3.06	2.8	18.48	19.65	0	0	105	1	0	0	0	1	0	0.040	0
237	234	19.19	3.32	2.8	18.76	19.68	0	0	137	1	0	0	0	1	0	0.040	0
238	235	19.27	3.66	2.8	18.94	20.43	0	0	188	1	0	0	0	1	0	0.040	0
239	236	19.36	3.87	2.8	19.04	20.32	0	0	228	1	0	0	0	1	0	0.040	0
240	237	19.44	4.01	2.9	18.84	20.13	0	0	248	1	0	0	0	1	0	0.040	0
241	238	19.52	4.08	2.9	18.41	20.04	0	0	245	1	0	0	0	1	0	0.040	0
242	239	19.6	4.05	2.9	18.06	19.13	0	0	224	1	0	0	0	1	0	0.040	0
243	240	19.68	4.04	2.9	17.62	19.09	0	0	205	1	0	0	0	1	0	0.040	0
244	241	19.77	4.03	2.9	16.94	18.73	0	0	176	1	0	0	0	1	0	0.040	0
245	242	19.85	4.06	2.9	15.84	17.1	0	0	136	1	0	0	0	1	0	0.040	0
246	243	19.93	4.09	3.0	14.56	15.8	0	0	86	1	0	0	0	1	0	0.040	0
247	244	20.01	4.05	3.0	13.51	14.87	0	0	41	1	0	0	1	1	0	0.040	0
248	245	20.09	3.91	3.0	12.6	13.86	0	0	4	1	0	0	1	1	0	0.040	0
249	246	20.18	3.71	3.0	11.92	13.02	0	0	-18	1	0	0	1	1	0	0.040	0
250	247	20.26	3.55	3.0	11.52	12.71	0	0	-26	1	0	0	1	1	0	0.040	0
251	248	20.34	3.53	3.0	11.2	12.62	0	0	-24	1	0	0	1	1	0	0.040	0
252	249	20.42	3.52	3.0	10.93	12.03	0	0	41	1	0	0	1	1	0	0.040	0
253	250	20.5	3.51	3.0	10.88	11.91	0	0	-2	1	0	0	1	1	0	0.040	0
254	251	20.59	3.42	3.0	11.5	12.49	0	0	-24	1	0	0	1	1	0	0.040	0
255	252	20.67	3.21	2.9	13.13	14.02	0	0	13	1	0	0	1	1	0	0.040	0
256	253	20.75	3.16	2.9	14.39	17.11	0	0	36	1	0	0	1	1	0	0.040	0
257	254	20.83	3.32	2.9	14.38	16.66	0	0	41	1	0	0	1	1	0	0.040	0
258	255	20.92	3.75	3.0	12.92	14.25	0	0	13	1	0	0	1	1	0	0.040	0
259	256	21	4.17	3.0	11.23	12.71	0	0	-57	1	0	0	1	1	0	0.040	0
260	257	21.08	4.21	3.1	10.22	11.35	0	0	-105	1	0	0	1	1	0	0.040	0
261	258	21.16	3.93	3.1	9.76	11	0	0	-100	1	0	0	1	1	0	0.040	0
262	259	21.24	3.49	3.0	9.97	11.19	0	0	-64	1	0	0	1	1	0	0.040	0
263	260	21.33	3.17	3.0	10.48	11.98	0	0	-39	1	0	0	1	1	0	0.040	0
264	261	21.41	3.1	3.0	10.96	12.61	0	0	-28	1	0	0	1	1	0	0.040	0
265	262	21.49	3.27	3.0	11.09	12.75	0	0	-30	1	0	0	1	1	0	0.040	0
266	263	21.57	3.55	3.0	10.95	12.47	0	0	-41	1	0	0	1	1	0	0.040	0
267	264	21.65	3.71	3.0	10.77	12.2	0	0	-53	1	0	0	1	1	0	0.040	0
268	265	21.74	3.68	3.0	11.05	12.25	0	0	-43	1	0	0	1	1	0	0.040	0
269	266	21.82	3.2	2.9	13.03	13.4	0	0	10	1	0	0	1	1	0	0.040	0
270	267	21.9	2.66	2.8	16.59	18.59	0	0	51	1	0	1	1	1	0	0.040	0
271	268	21.98	2.38	2.7	20.49	23.69	0	0	77	1	0	1	1	1	0	0.040	0
272	269	22.06	2.25	2.6	23.32	26.04	0	0	93	1	0	1	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.22	2.6	24.65	27.96	0	0	102	1	0	1	0	1	0	0.040	0
274	271	22.23	2.26	2.6	24.99	28.32	0	0	108	1	0	1	0	1	0	0.040	0
275	272	22.31	2.56	2.7	23.91	27.32	0	0	129	1	0	1	0	1	0	0.040	0
276	273	22.39	3.32	2.8	20.19	24.85	0	0	169	1	0	0	0	1	0	0.040	0
277	274	22.47	4.14	2.9	16.48	16.88	0	0	173	1	0	0	0	1	0	0.040	0
278	275	22.56	4.85	3.0	13.27	15.43	0	0	59	1	0	0	1	1	0	0.040	0
279	276	22.64	4.82	3.1	12.13	14.2	0	0	-28	1	0	0	1	1	0	0.040	0
280	277	22.72	4.69	3.1	11.2	13.15	0	0	-88	1	0	0	1	1	0	0.040	0
281	278	22.8	4.44	3.1	10.51	12.26	0	0	-110	1	0	0	1	1	0	0.040	0
282	279	22.88	4.01	3.1	10.26	11.83	0	0	-87	1	0	0	1	1	0	0.040	0
283	280	22.97	3.74	3.0	10.35	12.25	0	0	-67	1	0	0	1	1	0	0.040	0
284	281	23.05	3.76	3.0	10.63	12.58	0	0	-59	1	0	0	1	1	0	0.040	0
285	282	23.13	3.89	3.0	10.88	12.82	0	0	-57	1	0	0	1	1	0	0.040	0
286	283	23.21	4	3.0	10.77	13.18	0	0	-67	1	0	0	1	1	0	0.040	0
287	284	23.29	4.15	3.1	9.96	12.4	0	0	-111	1	0	0	1	1	0	0.040	0
288	285	23.38	4.37	3.1	8.81	10.33	0	0	-193	1	0	0	1	1	0	0.040	0
289	286	23.46	4.72	3.2	8.11	9.47	0	0	-304	1	0	0	1	1	0	0.040	0
290	287	23.54	4.31	3.1	8.98	10.03	0	0	-76	1	0	0	1	1	0	0.040	0
291	288	23.62	3.7	3.0	10.43	13.16	0	0	63	1	0	0	1	1	0	0.040	0
292	289	23.7	3.35	3.0	11.08	14.34	0	0	-2	1	0	0	1	1	0	0.040	0
293	290	23.79	3.55	3.0	10.59	12.41	0	0	-51	1	0	0	1	1	0	0.040	0
294	291	23.87	3.92	3.1	9.84	11.68	0	0	-96	1	0	0	1	1	0	0.040	0
295	292	23.95	4.09	3.1	9.45	11.9	0	0	-127	1	0	0	1	1	0	0.040	0
296	293	24.03	3.97	3.1	9.45	11.05	0	0	-115	1	0	0	1	1	0	0.040	0
297	294	24.11	3.33	3.0	11.36	11.66	0	0	-25	1	0	0	1	1	0	0.040	0
298	295	24.2	2.54	2.8	15.85	18.35	0	0	37	1	0	1	1	1	0	0.040	0
299	296	24.28	2.19	2.7	20.9	26.2	0	0	69	1	0	1	1	1	0	0.040	0
300	297	24.36	2.38	2.7	22.67	28.21	0	0	98	1	0	1	0	1	0	0.040	0
301	298	24.44	3.03	2.8	20.6	24.61	0	0	139	1	0	0	0	1	0	0.040	0
302	299	24.52	3.84	2.9	16.84	20.2	0	0	147	1	0	0	0	1	0	0.040	0
303	300	24.61	4.6	3.0	13.95	16.02	0	0	91	1	0	0	0	1	0	0.040	0
304	301	24.69	4.73	3.0	12.61	14.68	0	0	8	1	0	0	1	1	0	0.040	0
305	302	24.77	4.4	3.0	13.07	15.59	0	0	31	1	0	0	1	1	0	0.040	0
306	303	24.85	3.7	2.9	15.56	17.68	0	0	92	1	0	0	0	1	0	0.040	0
307	304	24.93	3.3	2.8	18.96	23.37	0	0	139	1	0	0	0	1	0	0.040	0
308	305	25.02	3.2	2.7	22.12	27.3	0	0	190	1	0	0	0	1	0	0.040	0
309	306	25.1	3.32	2.7	23.4	28.37	0	0	239	1	0	0	0	1	0	0.040	0
310	307	25.18	3.53	2.7	23.49	27.88	0	0	288	1	0	0	0	1	0	0.040	0
311	308	25.26	3.78	2.8	22.8	27.85	0	0	333	1	0	0	0	1	0	0.040	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	3.96	2.8	21.48	26.32	0	0	337	1	0	0	0	1	0	0.040	0
313	310	25.43	3.92	2.8	20.07	23.6	0	0	275	1	0	0	0	1	0	0.040	0
314	311	25.51	3.52	2.8	19.35	23.11	0	0	178	1	0	0	0	1	0	0.040	0
315	312	25.59	3.16	2.8	19.89	23.71	0	0	141	1	0	0	0	1	0	0.040	0
316	313	25.67	2.83	2.7	22.07	25.2	0	0	138	1	0	1	0	1	0	0.040	0
317	314	25.75	2.73	2.7	24.09	30.16	0	0	153	1	0	1	0	1	0	0.040	0
318	315	25.84	2.64	2.6	25.6	30.41	0	0	160	1	0	1	0	1	0	0.040	0
319	316	25.92	2.75	2.7	25.49	30.17	0	0	174	1	0	1	0	1	0	0.040	0
320	317	26	2.91	2.7	25.04	30.04	0	0	193	1	0	1	0	1	0	0.040	0
321	318	26.08	3.07	2.7	24.29	29.2	0	0	209	1	0	0	0	1	0	0.040	0
322	319	26.16	3.19	2.7	23.12	27.92	0	0	208	1	0	0	0	1	0	0.040	0
323	320	26.25	3.43	2.8	21.55	26.25	0	0	218	1	0	0	0	1	0	0.040	0
324	321	26.33	3.89	2.8	19.69	24.12	0	0	254	1	0	0	0	1	0	0.040	0
325	322	26.41	4.43	2.9	17.52	21.98	0	0	276	1	0	0	0	1	0	0.040	0
326	323	26.49	4.92	3.0	15.09	18.64	0	0	210	1	0	0	0	1	0	0.040	0
327	324	26.57	5.35	3.1	12.89	15.54	0	0	44	1	0	0	1	1	0	0.040	0
328	325	26.66	5.46	3.1	12.29	14.18	0	0	-26	1	0	0	1	1	0	0.040	0
329	326	26.74	5.1	3.0	13.68	16.46	0	0	10	1	0	0	0	1	0	0.040	0
330	327	26.82	4.35	2.9	16.62	20.45	0	0	12	1	0	0	0	1	0	0.040	0
331	328	26.9	3.64	2.8	20.04	24.72	0	0	27	1	0	0	0	1	0	0.040	0
332	329	26.98	2.89	2.7	24.49	28.58	0	0	182	1	0	1	0	1	0	0.040	0
333	330	27.07	2.27	2.5	29.94	35.15	0	0	153	1	1	1	0	1	0	0.040	0
334	331	27.15	1.83	2.4	35.36	42.41	0	0	134	1	1	1	0	1	0	0.040	0
335	332	27.23	1.56	2.4	38.97	45.9	0	0	121	1	1	1	0	1	0	0.040	0
336	333	27.31	1.38	2.3	40.57	46.43	0	0	109	1	1	1	0	1	0	0.040	0
337	334	27.39	1.24	2.3	41.53	47.05	0	0	98	1	1	1	0	1	0	0.040	0
338	335	27.48	1.17	2.3	42.51	48.5	0.02	0.2	95	1	1	1	0	1	0	0.040	0
339	336	27.56	1.18	2.3	42.92	49.32	0.02	0.27	97	1	1	1	0	1	0	0.020	0
340	337	27.64	1.2	2.3	42.26	48.52	0	0	97	1	1	1	0	1	0	0.000	0
341	338	27.72	1.25	2.3	40.07	46.55	0	0	94	1	1	1	0	1	0	0.000	0
342	339	27.8	1.35	2.3	36.85	42.49	0	0	92	1	1	1	0	1	0	0.000	0
343	340	27.89	1.57	2.4	32.75	38.44	0	0	94	1	1	1	0	1	0	0.000	0
344	341	27.97	2	2.5	28.75	33.78	0	0	112	1	1	1	0	1	0	0.000	0
345	342	28.05	2.54	2.6	25.35	30.19	0	0	143	1	0	1	0	1	0	0.000	0
346	343	28.13	3.12	2.7	23.12	27.9	0	0	196	1	0	0	0	1	0	0.000	0
347	344	28.21	3.53	2.8	21.81	26.92	0	0	244	1	0	0	0	1	0	0.000	0
348	345	28.3	3.81	2.8	21.31	26.13	0	0	292	1	0	0	0	1	0	0.000	0
349	346	28.38	3.94	2.8	21.02	26.48	0	0	314	1	0	0	0	1	0	0.000	0
350	347	28.46	3.92	2.8	20.84	26.1	0	0	302	1	0	0	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	3.78	2.8	20.48	25.57	0	0	258	1	0	0	0	1	0	0.000	0
352	349	28.63	3.51	2.8	20.01	25.19	0	0	193	1	0	0	0	1	0	0.000	0
353	350	28.71	3.11	2.8	19.55	24.28	0	0	129	1	0	0	0	1	0	0.000	0
354	351	28.79	2.77	2.8	18.87	23.68	0	0	87	1	0	1	0	1	0	0.000	0
355	352	28.87	2.64	2.8	17.9	22.58	0	0	66	1	0	1	1	1	0	0.000	0
356	353	28.95	2.82	2.8	16.15	20.86	0	0	52	1	0	1	1	1	0	0.000	0
357	354	29.04	3.3	2.9	13.95	17.82	0	0	31	1	0	0	1	1	0	0.000	0
358	355	29.12	3.86	3.0	12.07	14.73	0	0	-15	1	0	0	1	1	0	0.000	0
359	356	29.2	4.46	3.1	10.54	14.05	0	0	-110	1	0	0	1	1	0	0.000	0
360	357	29.28	5.07	3.2	9.41	12.36	0	0	-282	1	0	0	1	1	0	0.000	0
361	358	29.36	5.67	3.2	8.06	10.7	0	0	-645	1	0	0	1	1	0	0.000	0
362	359	29.45	5.86	3.3	6.97	9.24	0	0	-927	1	0	0	1	1	0	0.000	0
363	360	29.53	5.55	3.3	6	8.49	0	0	-861	1	0	0	1	1	0	0.000	0
364	361	29.61	4.99	3.4	5.24	7.25	0	0	-623	1	0	0	1	1	0	0.000	0
365	362	29.69	4.49	3.4	4.56	6.53	0	0	-458	1	0	0	1	1	0	0.000	0
366	363	29.77	3.91	3.4	4.28	6.09	0	0	-296	1	0	0	1	1	0	0.000	0
367	364	29.86	3.54	3.3	4.37	6.23	0	0	-215	1	0	0	1	1	0	0.000	0
368	365	29.94	3.38	3.3	4.75	6.84	0	0	-179	1	0	0	1	1	0	0.000	0
369	366	30.02	3.52	3.3	5.11	7.47	0	0	-192	1	0	0	1	1	0	0.000	0
370	367	30.1	3.89	3.3	5.27	7.51	0	0	-256	1	0	0	1	1	0	0.000	0
371	368	30.18	4.2	3.3	5.22	7.39	0	0	-332	1	0	0	1	1	0	0.000	0
372	369	30.27	4.32	3.3	5.12	7.29	0	0	-371	1	0	0	1	1	0	0.000	0
373	370	30.35	4.29	3.3	5.06	7.17	0	0	-365	1	0	0	1	1	0	0.000	0
374	371	30.43	4.26	3.3	5.05	7.21	0	0	-357	1	0	0	1	1	0	0.000	0
375	372	30.51	4.26	3.3	5.1	7.24	0	0	-355	1	0	0	1	1	0	0.000	0
376	373	30.59	4.28	3.3	5.17	7.36	0	0	-357	1	0	0	1	1	0	0.000	0
377	374	30.68	4.44	3.3	5.23	7.48	0	0	-403	1	0	0	1	1	0	0.000	0
378	375	30.76	4.67	3.3	5.27	7.48	0	0	-482	1	0	0	1	1	0	0.000	0
379	376	30.84	4.85	3.3	5.3	7.52	0	0	-553	1	0	0	1	1	0	0.000	0
380	377	30.92	4.85	3.3	5.36	7.59	0	0	-549	1	0	0	1	1	0	0.000	0
381	378	31	4.9	3.3	5.4	7.72	0	0	-568	1	0	0	1	1	0	0.000	0
382	379	31.09	5.01	3.3	5.41	7.66	0	0	-618	1	0	0	1	1	0	0.000	0
383	380	31.17	5.17	3.4	5.43	7.67	0	0	-698	1	0	0	1	1	0	0.000	0
384	381	31.25	5.26	3.4	5.49	7.8	0	0	-743	1	0	0	1	1	0	0.000	0
385	382	31.33	5.38	3.4	5.51	7.88	0	0	-813	1	0	0	1	1	0	0.000	0
386	383	31.41	5.58	3.4	5.48	7.79	0	0	-952	1	0	0	1	1	0	0.000	0
387	384	31.5	5.79	3.4	5.42	7.68	0	0	-1126	1	0	0	1	1	0	0.000	0
388	385	31.58	5.92	3.4	5.36	7.7	0	0	-1252	1	0	0	1	1	0	0.000	0
389	386	31.66	5.95	3.4	5.3	7.61	0	0	-1292	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	5.9	3.4	5.22	7.5	0	0	-1258	1	0	0	1	1	0	0.000	0
391	388	31.82	5.79	3.4	5.14	7.43	0	0	-1170	1	0	0	1	1	0	0.000	0
392	389	31.91	5.69	3.4	5.02	7.33	0	0	-1103	1	0	0	1	1	0	0.000	0
393	390	31.99	5.18	3.4	4.87	7.07	0	0	-760	1	0	0	1	1	0	0.000	0
394	391	32.07	4.66	3.4	4.7	6.92	0	0	-516	1	0	0	1	1	0	0.000	0
395	392	32.15	4.21	3.4	4.6	6.74	0	0	-363	1	0	0	1	1	0	0.000	0
396	393	32.23	4.14	3.4	4.51	6.71	0	0	-347	1	0	0	1	1	0	0.000	0
397	394	32.32	4.21	3.4	4.44	6.6	0	0	-371	1	0	0	1	1	0	0.000	0
398	395	32.4	4.49	3.4	4.33	6.46	0	0	-471	1	0	0	1	1	0	0.000	0
399	396	32.48	4.88	3.4	4.32	6.32	0	0	-644	1	0	0	1	1	0	0.000	0
400	397	32.56	5.14	3.4	4.44	6.56	0	0	-778	1	0	0	1	1	0	0.000	0
401	398	32.64	5.21	3.4	4.66	6.94	0	0	-799	1	0	0	1	1	0	0.000	0
402	399	32.73	5.37	3.4	4.82	7.1	0	0	-886	1	0	0	1	1	0	0.000	0
403	400	32.81	5.6	3.4	4.92	7.16	0	0	-1043	1	0	0	1	1	0	0.000	0
404	401	32.89	5.81	3.4	4.96	7.33	0	0	-1217	1	0	0	1	1	0	0.000	0
405	402	32.97	5.96	3.4	4.96	7.27	0	0	-1363	1	0	0	1	1	0	0.000	0
406	403	33.05	6.03	3.4	4.84	7.17	0	0	-1459	1	0	0	1	1	0	0.000	0
407	404	33.14	6.08	3.4	4.67	6.93	0	0	-1[illegible]49	1	0	0	1	1	0	0.000	0
408	405	33.22	6.06	3.5	4.48	6.66	0	0	-1[illegible]63	1	0	0	1	1	0	0.000	0
409	406	33.3	5.96	3.5	4.29	6.48	0	0	-14[illegible]4	1	0	0	1	1	0	0.000	0
410	407	33.38	5.81	3.5	4.12	6.25	0	0	-135[illegible]	1	0	0	1	1	0	0.000	0
411	408	33.46	5.55	3.5	4.02	6.08	0	0	-1[illegible]23	1	0	0	1	1	0	0.000	0
412	409	33.55	5.4	3.5	4	6.13	0	0	-1003	1	0	0	1	1	0	0.000	0
413	410	33.63	5.35	3.5	4.06	6.16	0	0	-959	1	0	0	1	1	0	0.000	0
414	411	33.71	5.35	3.5	4.11	6.32	0	0	-953	1	0	0	1	1	0	0.000	0
415	412	33.79	5.35	3.5	4.11	6.31	0	0	-953	1	0	0	1	1	0	0.000	0
416	413	33.87	5.33	3.5	4.06	6.19	0	0	-944	1	0	0	1	1	0	0.000	0
417	414	33.96	5.34	3.5	3.99	6.17	0	0	-959	1	0	0	1	1	0	0.000	0
418	415	34.04	5.18	3.5	3.94	6.07	0	0	-852	1	0	0	1	1	0	0.000	0
419	416	34.12	4.86	3.5	3.89	6.01	0	0	-667	1	0	0	1	1	0	0.000	0
420	417	34.2	4.47	3.4	3.82	6	0	0	-493	1	0	0	1	1	0	0.000	0
421	418	34.28	4.2	3.4	3.73	5.82	0	0	-400	1	0	0	1	1	0	0.000	0
422	419	34.37	4.16	3.5	3.6	5.67	0	0	-393	1	0	0	1	1	0	0.000	0
423	420	34.45	4.21	3.5	3.56	5.53	0	0	-411	1	0	0	1	1	0	0.000	0
424	421	34.53	4.32	3.5	3.59	5.65	0	0	-448	1	0	0	1	1	0	0.000	0
425	422	34.61	4.29	3.4	3.74	5.77	0	0	-430	1	0	0	1	1	0	0.000	0
426	423	34.69	4.22	3.4	3.85	6.04	0	0	-401	1	0	0	1	1	0	0.000	0
427	424	34.78	4.15	3.4	3.88	6.04	0	0	-378	1	0	0	1	1	0	0.000	0
428	425	34.86	4.09	3.4	3.75	5.84	0	0	-365	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.07	3.4	3.57	5.57	0	0	-366	1	0	0	1	1	0	0.000	0
430	427	35.02	3.91	3.5	3.42	5.35	0	0	-327	1	0	0	1	1	0	0.000	0
431	428	35.1	3.69	3.4	3.39	5.25	0	0	-273	1	0	0	1	1	0	0.000	0
432	429	35.19	3.56	3.4	3.46	5.37	0	0	-243	1	0	0	1	1	0	0.000	0
433	430	35.27	3.47	3.4	3.69	5.53	0	0	-219	1	0	0	1	1	0	0.000	0
434	431	35.35	3.38	3.4	3.98	5.97	0	0	-197	1	0	0	1	1	0	0.000	0
435	432	35.43	3.49	3.3	4.24	6.35	0	0	-209	1	0	0	1	1	0	0.000	0
436	433	35.51	3.79	3.4	4.35	6.45	0	0	-265	1	0	0	1	1	0	0.000	0
437	434	35.6	4.02	3.4	4.39	6.34	0	0	-319	1	0	0	1	1	0	0.000	0
438	435	35.68	3.94	3.4	4.34	6.33	0	0	-301	1	0	0	1	1	0	0.000	0
439	436	35.76	3.62	3.4	4.23	6.15	0	0	-234	1	0	0	1	1	0	0.000	0
440	437	35.84	3.23	3.3	4.05	5.86	0	0	-172	1	0	0	1	1	0	0.000	0
441	438	35.92	2.84	3.3	3.92	5.73	0	0	-125	1	0	1	1	1	0	0.000	0
442	439	36.01	2.59	3.3	3.9	5.61	0	0	-100	1	0	1	1	1	0	0.000	0
443	440	36.09	2.74	3.3	3.99	5.65	0	0	-113	1	0	1	1	1	0	0.000	0
444	441	36.17	3.61	3.3	4.35	5.94	0	0	-228	1	0	0	1	1	0	0.000	0
445	442	36.25	4.36	3.3	5.66	6.79	0	0	-355	1	0	0	1	1	0	0.000	0
446	443	36.33	3.97	3.1	9.08	10.28	0	0	[illegible]	1	0	0	1	1	0	0.000	0
447	444	36.42	3.18	2.9	14.52	18.86	0	0	39	1	0	0	1	1	0	0.000	0
448	445	36.5	2.68	2.7	20.63	28.22	0	0	1[illegible]	1	0	1	0	1	0	0.000	0
449	446	36.58	2.55	2.6	25.09	33.41	0	0	142	1	0	1	0	1	0	0.000	0
450	447	36.66	2.61	2.6	27.07	35.39	0	0	173	1	0	1	0	1	0	0.000	0
451	448	36.74	2.81	2.7	26.03	35.61	0	0	191	1	0	1	0	1	0	0.000	0
452	449	36.83	3.05	2.7	22.61	30.15	0	0	176	1	0	0	0	1	0	0.000	0
453	450	36.91	3.6	2.9	17.23	23.5	0	0	131	1	0	0	0	1	0	0.000	0
454	451	36.99	4.57	3.0	12.49	15.99	0	0	-1	1	0	0	1	1	0	0.000	0
455	452	37.07	5.93	3.2	8.8	11.83	0	0	-654	1	0	0	1	1	0	0.000	0
456	453	37.16	6.88	3.4	6.62	9.3	0	0	-2093	1	0	0	1	1	0	0.000	0
457	454	37.24	6.9	3.4	5.49	7.7	0	0	-2531	1	0	0	1	1	0	0.000	0
458	455	37.32	6.02	3.4	5.01	7.46	0	0	-1416	1	0	0	1	1	0	0.000	0
459	456	37.4	4.87	3.4	5.01	7.33	0	0	-585	1	0	0	1	1	0	0.000	0
460	457	37.48	3.88	3.3	5.2	7.54	0	0	-256	1	0	0	1	1	0	0.000	0
461	458	37.57	3.62	3.3	5.29	7.98	0	0	-204	1	0	0	1	1	0	0.000	0
462	459	37.65	3.77	3.3	5.37	7.47	0	0	-228	1	0	0	1	1	0	0.000	0
463	460	37.73	3.96	3.3	5.52	7.57	0	0	-262	1	0	0	1	1	0	0.000	0
464	461	37.81	3.95	3.3	5.9	8.26	0	0	-245	1	0	0	1	1	0	0.000	0
465	462	37.89	3.92	3.2	6.19	8.6	0	0	-229	1	0	0	1	1	0	0.000	0
466	463	37.98	4.06	3.2	6.2	8.61	0	0	-256	1	0	0	1	1	0	0.000	0
467	464	38.06	4.33	3.3	6.07	8.43	0	0	-326	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	4.56	3.3	5.87	8.3	0	0	-405	1	0	0	1	1	0	0.000	0
469	466	38.22	4.69	3.3	5.71	8.04	0	0	-460	1	0	0	1	1	0	0.000	0
470	467	38.3	4.68	3.3	5.58	7.91	0	0	-465	1	0	0	1	1	0	0.000	0
471	468	38.39	4.62	3.3	5.53	7.86	0	0	-446	1	0	0	1	1	0	0.000	0
472	469	38.47	4.48	3.3	5.48	7.86	0	0	-402	1	0	0	1	1	0	0.000	0
473	470	38.55	4.3	3.3	5.42	7.73	0	0	-350	1	0	0	1	1	0	0.000	0
474	471	38.63	4.04	3.3	5.37	7.62	0	0	-285	1	0	0	1	1	0	0.000	0
475	472	38.71	3.91	3.3	5.33	7.64	0	0	-258	1	0	0	1	1	0	0.000	0
476	473	38.8	3.84	3.3	5.39	7.59	0	0	-241	1	0	0	1	1	0	0.000	0
477	474	38.88	3.92	3.3	5.4	7.65	0	0	-258	1	0	0	1	1	0	0.000	0
478	475	38.96	3.93	3.3	5.43	7.53	0	0	-259	1	0	0	1	1	0	0.000	0
479	476	39.04	3.94	3.3	5.36	7.56	0	0	-263	1	0	0	1	1	0	0.000	0
480	477	39.12	3.76	3.3	5.27	7.47	0	0	-230	1	0	0	1	1	0	0.000	0
481	478	39.21	3.47	3.3	5.08	7.26	0	0	-185	1	0	0	1	1	0	0.000	0
482	479	39.29	3.1	3.3	4.84	6.87	0	0	-139	1	0	0	1	1	0	0.000	0
483	480	39.37	2.75	3.3	4.61	6.54	0	0	-106	1	0	1	1	1	0	0.000	0
484	481	39.45	2.39	3.2	4.46	6.36	0	0	-78	1	0	1	1	1	0	0.000	0
485	482	39.53	2.02	3.2	4.39	6.15	0	0	-57	1	0	1	1	1	0	0.000	0
486	483	39.62	1.82	3.2	4.35	6.06	0	0	-47	1	0	1	1	1	0	0.000	0
487	484	39.7	1.85	3.2	4.41	6.03	0	0	-49	1	0	1	1	1	0	0.000	0
488	485	39.78	1.95	3.2	4.62	6.2	0	0	-52	1	0	1	1	1	0	0.000	0
489	486	39.86	1.89	3.2	4.95	6.72	0	0	-47	1	0	1	1	1	0	0.000	0
490	487	39.94	1.77	3.1	5.28	7.26	0	0	-40	1	0	1	1	1	0	0.000	0
491	488	40.03	1.74	3.1	5.55	7.48	0	0	-38	1	0	1	1	1	0	0.000	0
492	489	40.11	2.24	3.1	5.78	7.81	0	0	-57	1	0	1	1	1	0	0.000	0
493	490	40.19	3.23	3.2	6.5	8.13	0	0	-122	1	0	0	1	1	0	0.000	0
494	491	40.27	3.82	3.1	8.3	10.04	0	0	-140	1	0	0	1	1	0	0.000	0
495	492	40.35	3.96	3.0	11.23	14.59	0	0	-48	1	0	0	1	1	0	0.000	0
496	493	40.44	4.07	3.0	13.42	19.8	0	0	38	1	0	0	1	1	0	0.000	0
497	494	40.52	4.44	3.0	14.22	19.46	0	0	95	1	0	0	0	1	0	0.000	0
498	495	40.6	5.07	3.0	13.9	18.68	0	0	128	1	0	0	0	1	0	0.000	0
499	496	40.68	5.52	3.0	13.87	18.96	0	0	177	1	0	0	0	1	0	0.000	0
500	497	40.76	5.72	3.1	13.2	19.23	0	0	106	1	0	0	0	1	0	0.000	0
501	498	40.85	5.92	3.1	11.55	16.11	0	0	-167	1	0	0	1	1	0	0.000	0
502	499	40.93	6.04	3.2	9.33	12.84	0	0	-608	1	0	0	1	1	0	0.000	0
503	500	41.01	6.32	3.3	7.35	11.03	0	0	-1218	1	0	0	1	1	0	0.000	0
504	501	41.09	6.25	3.4	5.86	8.58	0	0	-1490	1	0	0	1	1	0	0.000	0
505	502	41.17	6.15	3.5	4.66	7.04	0	0	-1634	1	0	0	1	1	0	0.000	0
506	503	41.26	5.75	3.5	4	6.21	0	0	-1311	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	5.09	3.5	3.71	5.78	0	0	-816	1	0	0	1	1	0	0.000	0
508	505	41.42	4.4	3.5	3.64	5.64	0	0	-475	1	0	0	1	1	0	0.000	0
509	506	41.5	3.77	3.4	3.65	5.69	0	0	-283	1	0	0	1	1	0	0.000	0
510	507	41.58	3.49	3.4	3.66	5.62	0	0	-224	1	0	0	1	1	0	0.000	0
511	508	41.67	3.54	3.4	3.66	5.56	0	0	-234	1	0	0	1	1	0	0.000	0
512	509	41.75	3.63	3.4	3.73	5.62	0	0	-250	1	0	0	1	1	0	0.000	0
513	510	41.83	3.54	3.4	3.85	5.77	0	0	-229	1	0	0	1	1	0	0.000	0
514	511	41.91	3.4	3.4	3.88	5.95	0	0	-202	1	0	0	1	1	0	0.000	0
515	512	41.99	3.58	3.4	3.81	5.85	0	0	-237	1	0	0	1	1	0	0.000	0
516	513	42.08	3.98	3.4	3.73	5.67	0	0	-334	1	0	0	1	1	0	0.000	0
517	514	42.16	4.47	3.5	3.68	5.72	0	0	-501	1	0	0	1	1	0	0.000	0
518	515	42.24	4.69	3.5	3.67	5.67	0	0	-598	1	0	0	1	1	0	0.000	0
519	516	42.32	4.82	3.5	3.57	5.65	0	0	-670	1	0	0	1	1	0	0.000	0
520	517	42.4	4.86	3.5	3.45	5.47	0	0	-701	1	0	0	1	1	0	0.000	0
521	518	42.49	4.92	3.5	3.33	5.27	0	0	-745	1	0	0	1	1	0	0.000	0
522	519	42.57	4.74	3.5	3.29	5.19	0	0	-649	1	0	0	1	1	0	0.000	0
523	520	42.65	4.42	3.5	3.39	5.28	0	0	-497	1	0	0	1	1	0	0.000	0
524	521	42.73	4.07	3.4	3.67	5.55	0	0	[illegible]	1	0	0	1	1	0	0.000	0
525	522	42.81	4.01	3.4	4.07	6.14	0	0	[illegible]	1	0	0	1	1	0	0.000	0
526	523	42.9	4.16	3.4	4.4	6.7	0	0	[illegible]	1	0	0	1	1	0	0.000	0
527	524	42.98	4.48	3.4	4.49	6.88	0	0	[illegible]	1	0	0	1	1	0	0.000	0
528	525	43.06	4.91	3.4	4.37	6.75	0	0	[illegible]	1	0	0	1	1	0	0.000	0
529	526	43.14	5.47	3.5	4.17	6.55	0	0	-1038	1	0	0	1	1	0	0.000	0
530	527	43.22	5.9	3.5	4.01	6.3	0	0	-1467	1	0	0	1	1	0	0.000	0
531	528	43.31	6.01	3.5	3.91	6.15	0	0	-1612	1	0	0	1	1	0	0.000	0
532	529	43.39	5.81	3.5	3.87	6.15	0	0	-1393	1	0	0	1	1	0	0.000	0
533	530	43.47	5.6	3.5	3.88	6.11	0	0	-1186	1	0	0	1	1	0	0.000	0
534	531	43.55	5.53	3.5	3.93	6.15	0	0	-1118	1	0	0	1	1	0	0.000	0
535	532	43.63	5.49	3.5	4.07	6.34	0	0	-1067	1	0	0	1	1	0	0.000	0
536	533	43.72	5.54	3.5	4.16	6.58	0	0	-1096	1	0	0	1	1	0	0.000	0
537	534	43.8	5.88	3.5	4.13	6.59	0	0	-1425	1	0	0	1	1	0	0.000	0
538	535	43.88	6.56	3.5	3.98	6.37	0	0	-2403	1	0	0	1	1	0	0.000	0
539	536	43.96	7.15	3.6	3.87	6.16	0	0	-3729	1	0	0	1	1	0	0.000	0
540	537	44.04	7.36	3.6	3.82	6.21	0	0	-4354	1	0	0	1	1	0	0.000	0
541	538	44.13	7.21	3.6	3.8	6.21	0	0	-3923	1	0	0	1	1	0	0.000	0
542	539	44.21	6.9	3.6	3.77	6.09	0	0	-3152	1	0	0	1	1	0	0.000	0
543	540	44.29	6.64	3.6	3.71	6.07	0	0	-2629	1	0	0	1	1	0	0.000	0
544	541	44.37	6.31	3.5	3.73	5.98	0	0	-2058	1	0	0	1	1	0	0.000	0
545	542	44.45	6.09	3.5	3.85	6.11	0	0	-1724	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	5.8	3.5	4.05	6.48	0	0	-1354	1	0	0	1	1	0	0.000	0
547	544	44.62	5.79	3.5	4.27	6.79	0	0	-1309	1	0	0	1	1	0	0.000	0
548	545	44.7	5.86	3.5	4.52	6.99	0	0	-1338	1	0	0	1	1	0	0.000	0
549	546	44.78	5.9	3.4	4.88	7.49	0	0	-1317	1	0	0	1	1	0	0.000	0
550	547	44.86	5.87	3.4	5.33	8.18	0	0	-1211	1	0	0	1	1	0	0.000	0
551	548	44.95	6	3.4	5.89	8.84	0	0	-1231	1	0	0	1	1	0	0.000	0
552	549	45.03	6.49	3.3	6.55	9.7	0	0	-1594	1	0	0	1	1	0	0.000	0
553	550	45.11	6.72	3.3	7.18	10.9	0	0	-1686	1	0	0	1	1	0	0.000	0
554	551	45.19	6.89	3.3	7.47	11.55	0	0	-1803	1	0	0	1	1	0	0.000	0
555	552	45.27	6.88	3.3	7.36	11.15	0	0	-1830	1	0	0	1	1	0	0.000	0
556	553	45.36	6.85	3.3	7.25	10.73	0	0	-1829	1	0	0	1	1	0	0.000	0
557	554	45.44	6.82	3.3	7.11	11.2	0	0	-1837	1	0	0	1	1	0	0.000	0
558	555	45.52	6.93	3.4	6.83	10.37	0	0	-2092	1	0	0	1	1	0	0.000	0
559	556	45.6	7.42	3.4	6.13	9.5	0	0	-3334	1	0	0	1	1	0	0.000	0
560	557	45.69	8.22	3.5	5.27	8.42	0	0	-6594	1	0	0	1	1	0	0.000	0
561	558	45.77	8.92	3.6	4.55	7.2	0	0	-11619	1	0	0	1	1	0	0.000	0
562	559	45.85	9.1	3.6	4.07	6.81	0	0	-13880	1	0	0	1	1	0	0.000	0
563	560	45.93	8.27	3.6	3.88	6.55	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	7.14	3.6	3.75	6.45	0	0	-3[illegible]54	1	0	0	1	1	0	0.000	0
565	562	46.1	6.21	3.5	3.63	6.27	0	0	-19[illegible]3	1	0	0	1	1	0	0.000	0
566	563	46.18	5.79	3.5	3.49	6.04	0	0	-143[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	5.58	3.5	3.4	5.88	0	0	-[illegible]33	1	0	0	1	1	0	0.000	0
568	565	46.34	5.47	3.5	3.37	5.88	0	0	-1137	1	0	0	1	1	0	0.000	0
569	566	46.42	5.26	3.5	3.39	5.84	0	0	-965	1	0	0	1	1	0	0.000	0
570	567	46.51	5.09	3.5	3.43	5.92	0	0	-842	1	0	0	1	1	0	0.000	0
571	568	46.59	4.99	3.5	3.51	5.99	0	0	-772	1	0	0	1	1	0	0.000	0
572	569	46.67	4.97	3.5	3.59	6.1	0	0	-753	1	0	0	1	1	0	0.000	0
573	570	46.75	5.06	3.5	3.67	6.19	0	0	-801	1	0	0	1	1	0	0.000	0
574	571	46.83	5.12	3.5	3.73	6.23	0	0	-833	1	0	0	1	1	0	0.000	0
575	572	46.92	5.1	3.5	3.82	6.27	0	0	-812	1	0	0	1	1	0	0.000	0
576	573	47	4.92	3.5	4	6.47	0	0	-690	1	0	0	1	1	0	0.000	0
577	574	47.08	4.79	3.4	4.2	6.85	0	0	-608	1	0	0	1	1	0	0.000	0
578	575	47.16	4.85	3.4	4.38	6.99	0	0	-624	1	0	0	1	1	0	0.000	0
579	576	47.24	4.93	3.4	4.52	7.12	0	0	-653	1	0	0	1	1	0	0.000	0
580	577	47.33	4.9	3.4	4.69	7.35	0	0	-625	1	0	0	1	1	0	0.000	0
581	578	47.41	4.62	3.4	4.96	7.67	0	0	-483	1	0	0	1	1	0	0.000	0
582	579	47.49	4.25	3.3	5.24	8.16	0	0	-345	1	0	0	1	1	0	0.000	0
583	580	47.57	3.91	3.3	5.44	8.4	0	0	-254	1	0	0	1	1	0	0.000	0
584	581	47.65	3.67	3.3	5.49	8.4	0	0	-207	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	3.54	3.3	5.55	8.31	0	0	-184	1	0	0	1	1	0	0.000	0
586	583	47.82	3.4	3.2	5.72	8.55	0	0	-159	1	0	0	1	1	0	0.000	0
587	584	47.9	3.26	3.2	5.96	8.93	0	0	-136	1	0	0	1	1	0	0.000	0
588	585	47.98	3.06	3.2	6.23	9.13	0	0	-110	1	0	0	1	1	0	0.000	0
589	586	48.06	2.88	3.2	6.46	9.48	0	0	-91	1	0	1	1	1	0	0.000	0
590	587	48.15	2.68	3.1	6.66	9.77	0	0	-74	1	0	1	1	1	0	0.000	0
591	588	48.23	2.6	3.1	6.77	9.85	0	0	-67	1	0	1	1	1	0	0.000	0
592	589	48.31	2.65	3.1	6.8	9.83	0	0	-70	1	0	1	1	1	0	0.000	0
593	590	48.39	2.84	3.1	6.76	9.8	0	0	-83	1	0	1	1	1	0	0.000	0
594	591	48.47	3.07	3.2	6.73	9.57	0	0	-102	1	0	0	1	1	0	0.000	0
595	592	48.56	3.33	3.2	6.85	9.6	0	0	-125	1	0	0	1	1	0	0.000	0
596	593	48.64	3.3	3.1	7.78	10.14	0	0	-102	1	0	0	1	1	0	0.000	0
597	594	48.72	3.3	3.1	9.13	13.18	0	0	-73	1	0	0	1	1	0	0.000	0
598	595	48.8	3.55	3.0	10.58	15.25	0	0	-51	1	0	0	1	1	0	0.000	0
599	596	48.88	4.24	3.0	11.29	16.51	0	0	-57	1	0	0	1	1	0	0.000	0
600	597	48.97	4.96	3.1	11.55	16.63	0	0	-80	1	0	0	1	1	0	0.000	0
601	598	49.05	5.54	3.1	11.67	16.69	0	0	-109	1	0	0	1	1	0	0.000	0
602	599	49.13	5.92	3.1	12.03	17.23	0	0	-82	1	0	0	1	1	0	0.000	0
603	600	49.21	6.06	3.1	12.88	18.36	0	0	-74	1	0	0	1	1	0	0.000	0
604	601	49.29	5.97	3.1	13.78	20.31	0	0	2[illegible]3	1	0	0	0	1	0	0.000	0
605	602	49.38	5.83	3.1	13.75	21.3	0	0	205	1	0	0	0	1	0	0.000	0
606	603	49.46	5.92	3.1	12.25	18.66	0	0	44	1	0	0	1	1	0	0.000	0
607	604	49.54	6.42	3.2	9.84	14.58	0	0	-677	1	0	0	1	1	0	0.000	0
608	605	49.62	7.1	3.3	7.79	11.41	0	0	-1964	1	0	0	1	1	0	0.000	0
609	606	49.7	7.6	3.4	6.59	10.08	0	0	-3510	1	0	0	1	1	0	0.000	0
610	607	49.79	7.49	3.4	6.65	9.4	0	0	-3216	1	0	0	1	1	0	0.000	0
611	608	49.87	7.12	3.3	8.06	11.2	0	0	-1878	1	0	0	1	1	0	0.000	0
612	609	49.95	6.24	3.2	10.95	15.26	0	0	-345	1	0	0	1	1	0	0.000	0
613	610	50.03	5.58	3.0	14.24	21	0	0	236	1	0	0	0	1	0	0.000	0
614	611	50.11	5.35	3.0	15.97	25.44	0	0	394	1	0	0	0	1	0	0.000	0
615	612	50.2	5.86	3.0	14.91	23.44	0	0	404	1	0	0	0	1	0	0.000	0
616	613	50.28	6.84	3.2	12.21	17.41	0	0	-100	1	0	0	1	1	0	0.000	0
617	614	50.36	7.67	3.3	9.54	14.27	0	0	-1846	1	0	0	1	1	0	0.000	0
618	615	50.44	7.61	3.3	7.81	12.19	0	0	-2805	1	0	0	1	1	0	0.000	0
619	616	50.52	6.93	3.4	6.56	10.19	0	0	-2192	1	0	0	1	1	0	0.000	0
620	617	50.61	6.8	3.4	5.64	9.03	0	0	-2304	1	0	0	1	1	0	0.000	0
621	618	50.69	7.25	3.5	5.07	8.27	0	0	-3447	1	0	0	1	1	0	0.000	0
622	619	50.77	8.66	3.5	4.88	7.68	0	0	-9362	1	0	0	1	1	0	0.000	0
623	620	50.85	7.95	3.4	5.76	8	0	0	-5107	1	0	0	1	1	0	0.000	0
624	621	50.93	5.07	3.1	11.18	11.52	0	0	-121	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	3.37	2.8	20.45	30.27	0	0	182	1	0	0	0	1	0	0.000	0
626	623	51.1	2.73	2.6	34.42	48.73	0	0.23	289	1	1	1	0	1	0	0.000	0
627	624	51.18	2.95	2.5	41.17	66.8	0	0.13	458	1	1	1	0	1	0	0.000	0
628	625	51.26	3.35	2.6	40.64	58.85	0	0.17	633	1	1	0	0	1	0	0.000	0
629	626	51.34	4.11	2.7	35.75	48.82	0	0	986	1	0	0	0	1	0	0.000	0
630	627	51.43	4.44	2.7	34.32	49.22	0	0	1209	1	0	0	0	1	0	0.000	0
631	628	51.51	3.67	2.6	40.78	53.78	0	0	833	1	1	0	0	1	0	0.000	0
632	629	51.59	3.4	2.5	47.44	74.11	0	0	820	1	1	0	0	1	0	0.000	0
633	630	51.67	2.87	2.4	58.09	75.92	0	0	679	1	1	1	0	1	0	0.000	0
634	631	51.75	2.6	2.3	72.4	95.23	0	0	704	1	1	1	0	1	0	0.000	0
635	632	51.84	2.14	2.2	89.79	133	0	0	603	1	1	1	0	1	0	0.000	0
636	633	51.92	1.79	2.1	103.29	142.17	0	0	514	1	1	1	0	1	0	0.000	0
637	634	52	1.56	2.0	108.58	142.57	0	0	440	1	1	1	0	1	0	0.000	0
638	635	52.08	1.37	2.0	111.37	145.92	0	0	379	1	1	1	0	1	0	0.000	0
639	636	52.16	1.51	2.0	110	147.29	0	0	426	1	1	1	0	1	0	0.000	0
640	637	52.25	1.86	2.1	105.73	142.51	0	0	563	1	1	1	0	1	0	0.000	0
641	638	52.33	2.08	2.1	101.57	140.21	0	0	658	1	1	1	0	1	0	0.000	0
642	639	52.41	1.97	2.1	103.19	136.51	0	0	606	1	1	1	0	1	0	0.000	0
643	640	52.49	1.72	2.1	103.98	147.18	0	0	486	1	1	1	0	1	0	0.000	0
644	641	52.57	1.53	2.0	103.18	136.47	0	0.01	404	1	1	1	0	1	0	0.000	0
645	642	52.66	1.43	2.0	99.24	127.05	0	0.04	352	1	1	1	0	1	0	0.000	0
646	643	52.74	1.46	2.0	97.36	127.66	0	0.03	354	1	1	1	0	1	0	0.000	0
647	644	52.82	1.4	2.0	99.62	129.03	0	0.04	34	1	1	1	0	1	0	0.000	0
648	645	52.9	1.45	2.0	101.04	135.26	0	0.02	366	1	1	1	0	1	0	0.000	0
649	646	52.98	1.33	2.0	103.32	133.72	0	0.04	35	1	1	1	0	1	0	0.000	0
650	647	53.07	1.37	2.0	103.33	135.11	0	0.03	348	1	1	1	0	1	0	0.000	0
651	648	53.15	1.25	2.0	107.29	134.66	0	0.05	324	1	1	1	0	1	0	0.000	0
652	649	53.23	1.03	1.9	112.55	142.52	0	0.07	277	1	1	1	0	1	0	0.000	0
653	650	53.31	0.88	1.8	116.78	141.48	0	0.1	250	1	1	1	0	1	0	0.000	0
654	651	53.4	0.81	1.8	118.42	138.7	0	0.12	237	1	1	1	0	1	0	0.000	0
655	652	53.48	0.96	1.8	119.15	143.7	0	0.08	276	1	1	1	0	1	0	0.000	0
656	653	53.56	1.04	1.9	119.51	153.25	0	0.05	299	1	1	1	0	1	0	0.000	0
657	654	53.64	1.15	1.9	117.07	147.98	0	0.05	325	1	1	1	0	1	0	0.000	0
658	655	53.72	1.21	1.9	108.14	143.5	0	0.03	315	1	1	1	0	1	0	0.000	0
659	656	53.81	1.33	2.0	97.85	125.05	0	0.05	315	1	1	1	0	1	0	0.000	0
660	657	53.89	1.39	2.1	87.48	114.96	0	0.06	293	1	1	1	0	1	0	0.000	0
661	658	53.97	1.42	2.1	82.31	105.81	0	0.07	280	1	1	1	0	1	0	0.000	0
662	659	54.05	1.5	2.1	76.23	106.81	0	0.06	276	1	1	1	0	1	0	0.000	0
663	660	54.13	1.69	2.2	74.27	93.16	0	0.08	319	1	1	1	0	1	0	0.000	0
664	661	54.22	1.82	2.2	73.85	102.4	0	0.06	357	1	1	1	0	1	0	0.000	0
665	662	54.3	1.76	2.2	79.24	107.77	0	0.05	368	1	1	1	0	1	0	0.000	0
666	663	54.38	1.7	2.1	80.49	115.14	0	0.04	354	1	1	1	0	1	0	0.000	0
667	664	54.46	1.8	2.2	77.37	106.72	0	0.05	371	1	1	1	0	1	0	0.000	0
668	665	54.54	1.79	2.2	73.79	96.66	0	0.07	347	1	1	1	0	1	0	0.000	0
669	666	54.63	1.5	2.1	73.48	99.8	0	0.07	264	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	1.18	2.1	76.35	98.99	0	0.09	204	1	1	1	0	1	0	0.000	0
671	668	54.79	1.02	2.0	80.85	99.22	0	0.12	188	1	1	1	0	1	0	0.000	0
672	669	54.87	1.08	2.0	85.98	111.58	0	0.08	214	1	1	1	0	1	0	0.000	0
673	670	54.95	1.07	2.0	91.59	119.22	0	0.07	228	1	1	1	0	1	0	0.000	0
674	671	55.04	0.98	1.9	95.93	119.3	0	0.09	220	1	1	1	0	1	0	0.000	0
675	672	55.12	0.85	1.9	98.72	121.79	0	0.12	201	1	1	1	0	1	0	0.000	0
676	673	55.2	0.73	1.8	103.2	119.13	0	0.18	188	1	1	1	0	1	0	0.000	0
677	674	55.28	0.72	1.8	102.88	126.64	0	0.15	185	1	1	1	0	1	0	0.000	0
678	675	55.36	0.83	1.9	100.09	119.51	0	0.14	200	1	1	1	0	1	0	0.000	0
679	676	55.45	0.93	1.9	96.25	117.51	0	0.11	211	1	1	1	0	1	0	0.000	0
680	677	55.53	1.01	1.9	97.2	120.82	0	0.09	230	1	1	1	0	1	0	0.000	0
681	678	55.61	1.08	1.9	100.78	129.96	0	0.06	257	1	1	1	0	1	0	0.000	0
682	679	55.69	1.21	2.0	100.87	137.05	0	0.04	291	1	1	1	0	1	0	0.000	0
683	680	55.77	1.27	2.0	100.11	127.73	0	0.05	305	1	1	1	0	1	0	0.000	0
684	681	55.86	1.25	2.0	99.35	130.83	0	0.05	297	1	1	1	0	1	0	0.000	0
685	682	55.94	1.1	1.9	102.63	132.31	0	0.06	267	1	1	1	0	1	0	0.000	0
686	683	56.02	0.98	1.9	105.54	132.59	0	0.08	246	1	1	1	0	1	0	0.000	0
687	684	56.1	0.87	1.9	104.02	132.95	0	0.1	217	1	1	1	0	1	0	0.000	0
688	685	56.18	0.95	1.9	95.02	121.35	0	0.09	212	1	1	1	0	1	0	0.000	0
689	686	56.27	1.05	2.0	83.48	103.91	0	0.1	201	1	1	1	0	1	0	0.000	0
690	687	56.35	1.19	2.1	75.71	96.68	0	0.1	204	1	1	1	0	1	0	0.000	0
691	688	56.43	0.96	2.0	74.9	96.5	0	0.12	162	1	1	1	0	1	0	0.000	0
692	689	56.51	0.85	2.0	71.35	95.28	0	0.13	137	1	1	1	0	1	0	0.000	0
693	690	56.59	0.66	2.0	66.67	77.86	0	0.25	105	1	1	1	0	1	0	0.000	0
694	691	56.68	0.76	2.0	58.18	74.29	0	0.2	97	1	1	1	0	1	0	0.000	0
695	692	56.76	0.7	2.0	56.22	66.46	0	0.25	88	1	1	1	0	1	0	0.000	0
696	693	56.84	0.64	2.0	57.57	70.26	0	0.25	86	1	1	1	0	1	0	0.000	0
697	694	56.92	0.61	2.0	63.8	76.22	0	0.26	95	1	1	1	0	1	0	0.000	0
698	695	57	0.63	1.9	72.68	85.78	0	0.25	113	1	1	1	0	1	0	0.000	0
699	696	57.09	0.75	1.9	81.75	100.99	0	0.17	146	1	1	1	0	1	0	0.000	0
700	697	57.17	0.87	1.9	90.76	113.23	0	0.12	186	1	1	1	0	1	0	0.000	0
701	698	57.25	0.93	1.9	98.88	124.76	0	0.1	217	1	1	1	0	1	0	0.000	0
702	699	57.33	0.97	1.9	105.95	134.53	0	0.08	244	1	1	1	0	1	0	0.000	0
703	700	57.41	0.97	1.9	112.3	141.58	0	0.07	261	1	1	1	0	1	0	0.000	0
704	701	57.5	1.04	1.9	114.37	150.08	0	0.05	285	1	1	1	0	1	0	0.000	0
705	702	57.58	1.08	1.9	112.96	146.61	0	0.05	292	1	1	1	0	1	0	0.000	0
706	703	57.66	1.09	1.9	110.07	140.09	0	0.06	286	1	1	1	0	1	0	0.000	0
707	704	57.74	1.07	1.9	111.5	139.47	0	0.06	285	1	1	1	0	1	0	0.000	0
708	705	57.82	0.96	1.9	115.97	149.07	0	0.07	268	1	1	1	0	1	0	0.000	0
709	706	57.91	0.99	1.8	122.41	150.22	0	0.07	293	1	1	1	0	1	0	0.000	0
710	707	57.99	1.03	1.9	122.93	165.73	0	0.04	306	0	1	1	0	1	0	0.000	0
711	708	58.07	1.12	1.9	121.07	155.65	0	0.04	328	1	1	1	0	1	0	0.000	0
712	709	58.15	1.15	1.9	113.58	150.65	0	0.04	314	1	1	1	0	1	0	0.000	0
713	710	58.23	1.12	1.9	105.92	139.7	0	0.05	282	1	1	1	0	1	0	0.000	0
714	711	58.32	1.03	1.9	96.87	125.29	0	0.07	234	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	1.03	2.0	87.33	112.14	0	0.09	207	1	1	1	0	1	0	0.000	0
716	713	58.48	1.2	2.0	79.56	104.16	0	0.08	219	1	1	1	0	1	0	0.000	0
717	714	58.56	1.48	2.1	75.89	103.05	0	0.07	269	1	1	1	0	1	0	0.000	0
718	715	58.64	1.45	2.1	79.64	106.31	0	0.06	277	1	1	1	0	1	0	0.000	0
719	716	58.73	1.27	2.0	85.55	119.64	0	0.05	255	1	1	1	0	1	0	0.000	0
720	717	58.81	1.06	2.0	91.3	120.3	0	0.07	225	1	1	1	0	1	0	0.000	0
721	718	58.89	0.95	1.9	93.5	119.01	0	0.1	208	1	1	1	0	1	0	0.000	0
722	719	58.97	0.96	1.9	89.29	122.11	0	0.08	199	1	1	1	0	1	0	0.000	0
723	720	59.05	1.04	2.0	85.29	104.48	0	0.11	204	1	1	1	0	1	0	0.000	0
724	721	59.14	1.16	2.0	82.34	108.72	0	0.08	219	1	1	1	0	1	0	0.000	0
725	722	59.22	1.17	2.0	86.08	115.95	0	0.07	233	1	1	1	0	1	0	0.000	0
726	723	59.3	1.15	2.0	90.17	120.89	0	0.06	241	1	1	1	0	1	0	0.000	0
727	724	59.38	1.13	2.0	92.94	124.24	0	0.06	245	1	1	1	0	1	0	0.000	0
728	725	59.46	1.13	2.0	95.82	125.61	0	0.06	254	1	1	1	0	1	0	0.000	0
729	726	59.55	1.09	1.9	97.13	131.97	0	0.06	248	1	1	1	0	1	0	0.000	0
730	727	59.63	0.98	1.9	102.7	124.9	0	0.09	238	1	1	1	0	1	0	0.000	0
731	728	59.71	0.94	1.9	104.58	140.71	0	0.07	234	1	1	1	0	1	0	0.000	0
732	729	59.79	0.94	1.9	107.54	134.29	0	0.09	242	1	1	1	0	1	0	0.000	0
733	730	59.87	1.01	1.9	107.83	137.06	0	0.07	259	1	1	1	0	1	0	0.000	0
734	731	59.96	0.97	1.9	110.83	144.74	0	0.07	257	1	1	1	0	1	0	0.000	0
735	732	60.04	0.91	1.8	114.29	143.12	0	0.09	251	1	1	1	0	1	0	0.000	0
736	733	60.12	0.85	1.8	117.38	144.17	0	0.1	244	1	1	1	0	1	0	0.000	0
737	734	60.2	0.8	1.8	120.16	151.05	0	0.09	23[illegible]	1	1	1	0	1	0	0.000	0
738	735	60.28	0.73	1.8	123.13	149.72	0	0.09	229	1	1	1	0	1	0	0.000	0
739	736	60.37	0.68	1.7	126.36	151.23	0	0.09	225	1	1	1	0	1	0	0.000	0
740	737	60.45	0.72	1.7	126.22	160.47	0	0.07	233	0	1	1	0	1	0	0.000	0
741	738	60.53	0.8	1.8	124.37	152.59	0	0.09	248	1	1	1	0	1	0	0.000	0
742	739	60.61	0.93	1.8	120.13	150.54	0	0.08	271	1	1	1	0	1	0	0.000	0
743	740	60.69	0.91	1.8	116.65	151.99	0	0.07	257	1	1	1	0	1	0	0.000	0
744	741	60.78	0.96	1.9	112.89	140.77	0	0.08	260	1	1	1	0	1	0	0.000	0
745	742	60.86	0.97	1.9	107.67	140.72	0	0.07	249	1	1	1	0	1	0	0.000	0
746	743	60.94	1.06	1.9	104.01	135.72	0	0.06	261	1	1	1	0	1	0	0.000	0
747	744	61.02	0.99	1.9	104.95	131.84	0	0.08	247	1	1	1	0	1	0	0.000	0
748	745	61.1	0.94	1.9	104.26	142.21	0	0.07	233	1	1	1	0	1	0	0.000	0
749	746	61.19	0.87	1.9	100.82	128.15	0	0.1	210	1	1	1	0	1	0	0.000	0
750	747	61.27	0.87	1.9	93.9	115.23	0	0.12	193	1	1	1	0	1	0	0.000	0
751	748	61.35	0.79	1.9	90.84	113.51	0	0.14	172	1	1	1	0	1	0	0.000	0
752	749	61.43	0.62	1.8	92.46	109.88	0	0.23	149	1	1	1	0	1	0	0.000	0
753	750	61.52	0.48	1.8	93.62	108.95	0	0.25	131	1	1	1	0	1	0	0.000	0
754	751	61.6	0.37	1.7	95.86	107.01	0	0.26	121	1	1	1	0	1	0	0.000	0
755	752	61.68	0.45	1.7	94.95	110.06	0	0	130	1	1	1	0	1	0	0.000	0
756	753	61.76	0.57	1.8	92.72	111.14	0	0	142	1	1	1	0	1	0	0.000	0
757	754	61.84	1.01	2.0	75.99	114.79	0	0	173	1	1	1	0	1	0	0.000	0
758	755	61.93	1.81	2.3	54.39	73.93	0	0	242	1	1	1	0	1	0	0.000	0
759	756	62.01	3.2	2.6	33.74	49.6	0	0	421	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	4.43	2.8	24.02	36.9	0	0	633	1	0	0	0	1	0	0.000	0
761	758	62.17	5.48	3.0	17.55	30.67	0	0	634	1	0	0	0	1	0	0.000	0
762	759	62.25	6.95	3.1	12.62	18.04	0	0	45	1	0	0	1	1	0	0.000	0
763	760	62.34	9.06	3.3	8.73	13.49	0	0	-6046	1	0	0	1	1	0	0.000	0
764	761	62.42	7.85	3.4	7.47	12.22	0	0	-3556	1	0	0	1	1	0	0.000	0
765	762	62.5	5.65	3.3	7.2	11.71	0	0	-758	1	0	0	1	1	0	0.000	0
766	763	62.58	3.36	3.2	7.14	11.64	0	0	-122	1	0	0	1	1	0	0.000	0
767	764	62.66	3.08	3.1	7.09	11.44	0	0	-97	1	0	0	1	1	0	0.000	0
768	765	62.75	2.96	3.1	6.89	11.37	0	0	-90	1	0	1	1	1	0	0.000	0
769	766	62.83	2.91	3.1	6.66	10.88	0	0	-90	1	0	1	1	1	0	0.000	0
770	767	62.91	2.85	3.2	6.43	10.58	0	0	-89	1	0	1	1	1	0	0.000	0
771	768	62.99	2.78	3.2	6.26	10.5	0	0	-86	1	0	1	1	1	0	0.000	0
772	769	63.07	2.74	3.2	6.22	10.1	0	0	-84	1	0	1	1	1	0	0.000	0
773	770	63.16	2.71	3.2	6.2	10.16	0	0	-82	1	0	1	1	1	0	0.000	0
774	771	63.24	2.65	3.1	6.29	10.11	0	0	-76	1	0	1	1	1	0	0.000	0
775	772	63.32	2.56	3.1	6.37	10.4	0	0	-70	1	0	1	1	1	0	0.000	0
776	773	63.4	2.54	3.1	6.45	10.68	0	0	-67	1	0	1	1	1	0	0.000	0
777	774	63.48	2.61	3.1	6.47	10.53	0	0	-72	1	0	1	1	1	0	0.000	0
778	775	63.57	2.73	3.1	6.44	10.4	0	0	-80	1	0	1	1	1	0	0.000	0
779	776	63.65	2.86	3.2	6.33	10.41	0	0	-91	1	0	1	1	1	0	0.000	0
780	777	63.73	2.94	3.2	6.16	10.24	0	0	-100	1	0	1	1	1	0	0.000	0
781	778	63.81	2.98	3.2	5.92	9.85	0	0	-108	1	0	1	1	1	0	0.000	0
782	779	63.89	3	3.2	5.65	9.44	0	0	-111	1	0	0	1	1	0	0.000	0
783	780	63.98	2.98	3.2	5.44	8.97	0	0	-116	1	0	1	1	1	0	0.000	0
784	781	64.06	2.88	3.2	5.3	8.77	0	0	-108	1	0	1	1	1	0	0.000	0
785	782	64.14	2.68	3.2	5.33	8.72	0	0	-90	1	0	1	1	1	0	0.000	0
786	783	64.22	2.53	3.2	5.49	9.01	0	0	-77	1	0	1	1	1	0	0.000	0
787	784	64.3	2.47	3.2	5.71	9.42	0	0	-71	1	0	1	1	1	0	0.000	0
788	785	64.39	2.48	3.1	5.92	9.65	0	0	-70	1	0	1	1	1	0	0.000	0
789	786	64.47	2.52	3.1	6.01	9.9	0	0	-71	1	0	1	1	1	0	0.000	0
790	787	64.55	2.57	3.2	5.97	9.85	0	0	-75	1	0	1	1	1	0	0.000	0
791	788	64.63	2.64	3.2	5.83	9.54	0	0	-81	1	0	1	1	1	0	0.000	0
792	789	64.71	2.7	3.2	5.58	9.33	0	0	-89	1	0	1	1	1	0	0.000	0
793	790	64.8	2.76	3.2	5.35	8.86	0	0	-97	1	0	1	1	1	0	0.000	0
794	791	64.88	2.76	3.2	5.14	8.45	0	0	-100	1	0	1	1	1	0	0.000	0
795	792	64.96	2.65	3.2	5.02	8.32	0	0	-92	1	0	1	1	1	0	0.000	0
796	793	65.04	2.45	3.2	5.05	8.22	0	0	-77	1	0	1	1	1	0	0.000	0
797	794	65.12	2.28	3.2	5.06	8.31	0	0	-66	1	0	1	1	1	0	0.000	0
798	795	65.21	2.22	3.2	5.07	8.19	0	0	-62	1	0	1	1	1	0	0.000	0
799	796	65.29	2.3	3.2	5.03	8.11	0	0	-67	1	0	1	1	1	0	0.000	0
800	797	65.37	2.36	3.2	5.04	8.23	0	0	-71	1	0	1	1	1	0	0.000	0
801	798	65.45	2.41	3.2	5.03	8.31	0	0	-74	1	0	1	1	1	0	0.000	0
802	799	65.53	2.49	3.2	5	8.31	0	0	-80	1	0	1	1	1	0	0.000	0
803	800	65.62	2.6	3.2	4.99	8.33	0	0	-88	1	0	1	1	1	0	0.000	0
804	801	65.7	2.72	3.2	5.07	8.42	0	0	-97	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	2.83	3.2	5.17	8.59	0	0	-105	1	0	1	1	1	0	0.000	0
806	803	65.86	2.91	3.2	5.28	8.77	0	0	-111	1	0	1	1	1	0	0.000	0
807	804	65.94	2.99	3.2	5.34	8.87	0	0	-118	1	0	1	1	1	0	0.000	0
808	805	66.03	3.11	3.2	5.32	8.96	0	0	-132	1	0	0	1	1	0	0.000	0
809	806	66.11	3.27	3.3	5.26	8.86	0	0	-152	1	0	0	1	1	0	0.000	0
810	807	66.19	3.41	3.3	5.14	8.68	0	0	-174	1	0	0	1	1	0	0.000	0
811	808	66.27	3.46	3.3	5.01	8.48	0	0	-185	1	0	0	1	1	0	0.000	0
812	809	66.35	3.42	3.3	4.9	8.33	0	0	-181	1	0	0	1	1	0	0.000	0
813	810	66.44	3.32	3.3	4.81	8.17	0	0	-169	1	0	0	1	1	0	0.000	0
814	811	66.52	3.18	3.3	4.72	8.04	0	0	-151	1	0	0	1	1	0	0.000	0
815	812	66.6	3	3.3	4.64	7.9	0	0	-131	1	0	0	1	1	0	0.000	0
816	813	66.68	2.86	3.3	4.54	7.75	0	0	-118	1	0	1	1	1	0	0.000	0
817	814	66.76	2.7	3.3	4.45	7.63	0	0	-103	1	0	1	1	1	0	0.000	0
818	815	66.85	2.57	3.3	4.35	7.45	0	0	-93	1	0	1	1	1	0	0.000	0
819	816	66.93	2.45	3.3	4.25	7.31	0	0	-85	1	0	1	1	1	0	0.000	0
820	817	67.01	2.39	3.3	4.15	7.16	0	0	-81	1	0	1	1	1	0	0.000	0
821	818	67.09	2.37	3.3	4.03	6.99	0	0	-81	1	0	1	1	1	0	0.000	0
822	819	67.17	2.3	3.3	3.93	6.76	0	0	-77	1	0	1	1	1	0	0.000	0
823	820	67.26	2.22	3.3	3.86	6.69	0	0	-72	1	0	1	1	1	0	0.000	0
824	821	67.34	2.13	3.3	3.81	6.65	0	0	-67	1	0	1	1	1	0	0.000	0
825	822	67.42	2.12	3.3	3.74	6.45	0	0	-67	1	0	1	1	1	0	0.000	0
826	823	67.5	2.09	3.3	3.69	6.31	0	0	-66	1	0	1	1	1	0	0.000	0
827	824	67.58	2.01	3.3	3.75	6.45	0	0	-6	1	0	1	1	1	0	0.000	0
828	825	67.67	1.97	3.3	3.84	6.63	0	0	-58	1	0	1	1	1	0	0.000	0
829	826	67.75	2.01	3.3	3.93	6.7	0	0	-59	1	0	1	1	1	0	0.000	0
830	827	67.83	2.11	3.3	3.95	6.79	0	0	-65	1	0	1	1	1	0	0.000	0
831	828	67.91	2.23	3.3	3.95	6.84	0	0	-72	1	0	1	1	1	0	0.000	0
832	829	67.99	2.35	3.3	3.93	6.81	0	0	-81	1	0	1	1	1	0	0.000	0
833	830	68.08	2.43	3.3	3.91	6.81	0	0	-87	1	0	1	1	1	0	0.000	0
834	831	68.16	2.44	3.3	3.89	6.8	0	0	-88	1	0	1	1	1	0	0.000	0
835	832	68.24	2.41	3.3	3.86	6.72	0	0	-86	1	0	1	1	1	0	0.000	0
836	833	68.32	2.39	3.3	3.83	6.67	0	0	-85	1	0	1	1	1	0	0.000	0
837	834	68.4	2.42	3.3	3.82	6.69	0	0	-87	1	0	1	1	1	0	0.000	0
838	835	68.49	2.48	3.3	3.76	6.62	0	0	-92	1	0	1	1	1	0	0.000	0
839	836	68.57	2.7	3.3	3.68	6.48	0	0	-113	1	0	1	1	1	0	0.000	0
840	837	68.65	2.9	3.4	3.61	6.4	0	0	-136	1	0	1	1	1	0	0.000	0
841	838	68.73	3.08	3.4	3.56	6.43	0	0	-160	1	0	0	1	1	0	0.000	0
842	839	68.81	3.14	3.4	3.52	6.37	0	0	-169	1	0	0	1	1	0	0.000	0
843	840	68.9	3.18	3.4	3.45	6.28	0	0	-176	1	0	0	1	1	0	0.000	0
844	841	68.98	3.2	3.4	3.39	6.13	0	0	-180	1	0	0	1	1	0	0.000	0
845	842	69.06	3.21	3.4	3.34	6.07	0	0	-183	1	0	0	1	1	0	0.000	0
846	843	69.14	3.27	3.4	3.29	6.01	0	0	-194	1	0	0	1	1	0	0.000	0
847	844	69.22	3.37	3.4	3.24	5.96	0	0	-212	1	0	0	1	1	0	0.000	0
848	845	69.31	3.5	3.5	3.2	5.86	0	0	-238	1	0	0	1	1	0	0.000	0
849	846	69.39	3.66	3.5	3.14	5.85	0	0	-274	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	3.74	3.5	3.09	5.74	0	0	-294	1	0	0	1	1	0	0.000	0
851	848	69.55	3.78	3.5	3.05	5.65	0	0	-305	1	0	0	1	1	0	0.000	0
852	849	69.64	3.63	3.5	3.06	5.67	0	0	-269	1	0	0	1	1	0	0.000	0
853	850	69.72	3.48	3.5	3.11	5.72	0	0	-236	1	0	0	1	1	0	0.000	0
854	851	69.8	3.29	3.4	3.18	5.79	0	0	-199	1	0	0	1	1	0	0.000	0
855	852	69.88	3.16	3.4	3.24	5.94	0	0	-177	1	0	0	1	1	0	0.000	0
856	853	69.96	3.01	3.4	3.32	5.97	0	0	-154	1	0	0	1	1	0	0.000	0
857	854	70.05	2.87	3.4	3.35	6.22	0	0	-136	1	0	1	1	1	0	0.000	0
858	855	70.13	2.84	3.4	3.36	6.12	0	0	-133	1	0	1	1	1	0	0.000	0
859	856	70.21	2.91	3.4	3.38	6.09	0	0	-141	1	0	1	1	1	0	0.000	0
860	857	70.29	2.97	3.4	3.5	6.26	0	0	-146	1	0	1	1	1	0	0.000	0
861	858	70.37	3	3.4	3.59	6.67	0	0	-149	1	0	0	1	1	0	0.000	0
862	859	70.46	3.11	3.4	3.52	6.83	0	0	-165	1	0	0	1	1	0	0.000	0
863	860	70.54	3.42	3.4	3.37	6.31	0	0	-218	1	0	0	1	1	0	0.000	0
864	861	70.62	3.81	3.5	3.27	6.17	0	0	-306	1	0	0	1	1	0	0.000	0
865	862	70.7	3.94	3.5	3.29	6.11	0	0	-340	1	0	0	1	1	0	0.000	0
866	863	70.78	3.82	3.5	3.34	6.2	0	0	-306	1	0	0	1	1	0	0.000	0
867	864	70.87	3.6	3.4	3.41	6.27	0	0	-253	1	0	0	1	1	0	0.000	0
868	865	70.95	3.47	3.4	3.47	6.35	0	0	-225	1	0	0	1	1	0	0.000	0
869	866	71.03	3.4	3.4	3.49	6.42	0	0	-212	1	0	0	1	1	0	0.000	0
870	867	71.11	3.31	3.4	3.48	6.37	0	0	-196	1	0	0	1	1	0	0.000	0
871	868	71.19	3.27	3.4	3.45	6.33	0	0	-190	1	0	0	1	1	0	0.000	0
872	869	71.28	3.23	3.4	3.53	6.34	0	0	-181	1	0	0	1	1	0	0.000	0
873	870	71.36	3.18	3.4	3.64	6.7	0	0	-172	1	0	0	1	1	0	0.000	0
874	871	71.44	3.1	3.4	3.74	6.83	0	0	-159	1	0	0	1	1	0	0.000	0
875	872	71.52	3.02	3.4	3.74	6.79	0	0	-149	1	0	0	1	1	0	0.000	0
876	873	71.6	2.92	3.4	3.78	6.75	0	0	-136	1	0	1	1	1	0	0.000	0
877	874	71.69	2.88	3.3	3.84	6.86	0	0	-130	1	0	1	1	1	0	0.000	0
878	875	71.77	2.82	3.3	3.95	6.86	0	0	-122	1	0	1	1	1	0	0.000	0
879	876	71.85	2.91	3.3	4.08	7.06	0	0	-130	1	0	1	1	1	0	0.000	0
880	877	71.93	3.53	3.4	4.22	7.49	0	0	-217	1	0	0	1	1	0	0.000	0
881	878	72.01	4.02	3.3	4.66	7.68	0	0	-309	1	0	0	1	1	0	0.000	0
882	879	72.1	4.93	3.4	5.08	9.24	0	0	-608	1	0	0	1	1	0	0.000	0
883	880	72.18	5.76	3.3	5.97	9.74	0	0	-1015	1	0	0	1	1	0	0.000	0
884	881	72.26	5.63	3.2	9.58	12.06	0	0	-411	1	0	0	1	1	0	0.000	0
885	882	72.34	5.78	3.1	13.69	27.54	0	0	188	1	0	0	0	1	0	0.000	0
886	883	72.42	5.5	2.9	18.71	30.62	0	0	792	1	0	0	0	1	0	0.000	0
887	884	72.51	5.9	3.0	19.87	38	0	0	1273	1	0	0	0	1	0	0.000	0
888	885	72.59	6.59	3.0	18.61	33.72	0	0	1762	1	0	0	0	1	0	0.000	0
889	886	72.67	8.1	3.1	15.07	24.24	0	0	2159	1	0	0	0	1	0	0.000	0
890	887	72.75	9.89	3.3	11.87	19.95	0	0	-1733	1	0	0	1	1	0	0.000	0
891	888	72.83	10.09	3.3	10.41	17.57	0	0	-6532	1	0	0	1	1	0	0.000	0
892	889	72.92	9.08	3.3	9.68	17.09	0	0	-4582	1	0	0	1	1	0	0.000	0
893	890	73	9.09	3.3	9.55	16.43	0	0	-4825	1	0	0	1	1	0	0.000	0
894	891	73.08	8.35	3.2	11.61	16.94	0	0	-887	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	7.32	3.1	15.22	27.36	0	0	1326	1	0	0	0	1	0	0.000	0
896	893	73.24	6.45	3.0	18	34.72	0	0	1431	1	0	0	0	1	0	0.000	0
897	894	73.33	6.81	3.0	16.76	31	0	0	1441	1	0	0	0	1	0	0.000	0
898	895	73.41	7.83	3.1	14.35	21.17	0	0	1290	1	0	0	0	1	0	0.000	0
899	896	73.49	8.42	3.2	12.89	22.35	0	0	408	1	0	0	0	1	0	0.000	0
900	897	73.57	7.65	3.1	14.4	23.52	0	0	1169	1	0	0	0	1	0	0.000	0
901	898	73.65	7.85	3.1	15.52	28.82	0	0	2135	1	0	0	0	1	0	0.000	0
902	899	73.74	7.66	3.1	17.13	28.05	0	0	2868	1	0	0	0	1	0	0.000	0
903	900	73.82	6.85	3.0	21.48	31.89	0	0	3128	1	0	0	0	1	0	0.000	0
904	901	73.9	5.69	2.8	28.42	52.51	0	0	2347	1	0	0	0	1	0	0.000	0
905	902	73.98	5.38	2.8	33.69	66.76	0	0	2463	1	0	0	0	1	0	0.000	0
906	903	74.06	5.93	2.8	33.26	61.38	0	0	3669	1	0	0	0	1	0	0.000	0
907	904	74.15	7.15	2.9	28.5	50.23	0	0	6913	1	0	0	0	1	0	0.000	0
908	905	74.23	8.34	3.0	23.95	39.72	0	0	11332	1	0	0	0	1	0	0.000	0
909	906	74.31	9.07	3.1	20.97	35.9	0	0	13672	1	0	0	0	1	0	0.000	0
910	907	74.39	9.18	3.1	19.4	33.89	0	0	11976	1	0	0	0	1	0	0.000	0
911	908	74.47	9.58	3.1	17.55	31.37	0	0	11380	1	0	0	0	1	0	0.000	0
912	909	74.56	9.81	3.2	15.92	26.26	0	0	8939	1	0	0	0	1	0	0.000	0
913	910	74.64	9.79	3.2	14.9	25.44	0	0	6193	1	0	0	0	1	0	0.000	0
914	911	74.72	9.14	3.2	14.87	26.08	0	0	4006	1	0	0	0	1	0	0.000	0
915	912	74.8	8.14	3.1	15.41	26.15	0	0	2513	1	0	0	0	1	0	0.000	0
916	913	74.88	7.3	3.1	16.18	28.23	0	0	1769	1	0	0	0	1	0	0.000	0
917	914	74.97	6.78	3.0	17.31	30.15	0	0	1593	1	0	0	0	1	0	0.000	0
918	915	75.05	6.53	3.0	18.77	32.11	0	0	1730	1	0	0	0	1	0	0.000	0
919	916	75.13	6.57	3.0	20.05	35.97	0	0	2145	1	0	0	0	1	0	0.000	0
920	917	75.21	4.3	2.8	21.04	36.99	0	0	423	1	0	0	0	1	0	0.000	0
921	918	75.29	2.2	2.7	21.6	37.23	0	0	75	1	0	1	1	1	0	0.000	0
922	919	75.38	0	4.1	22.23	37.99	0	0	10	1	0	1	1	1	0	0.000	0
923	920	75.46	0	4.1	24.16	41.62	0	0	12	1	0	1	1	1	0	0.000	0
924	921	75.54	0	4.1	26	48.37	0	0	14	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

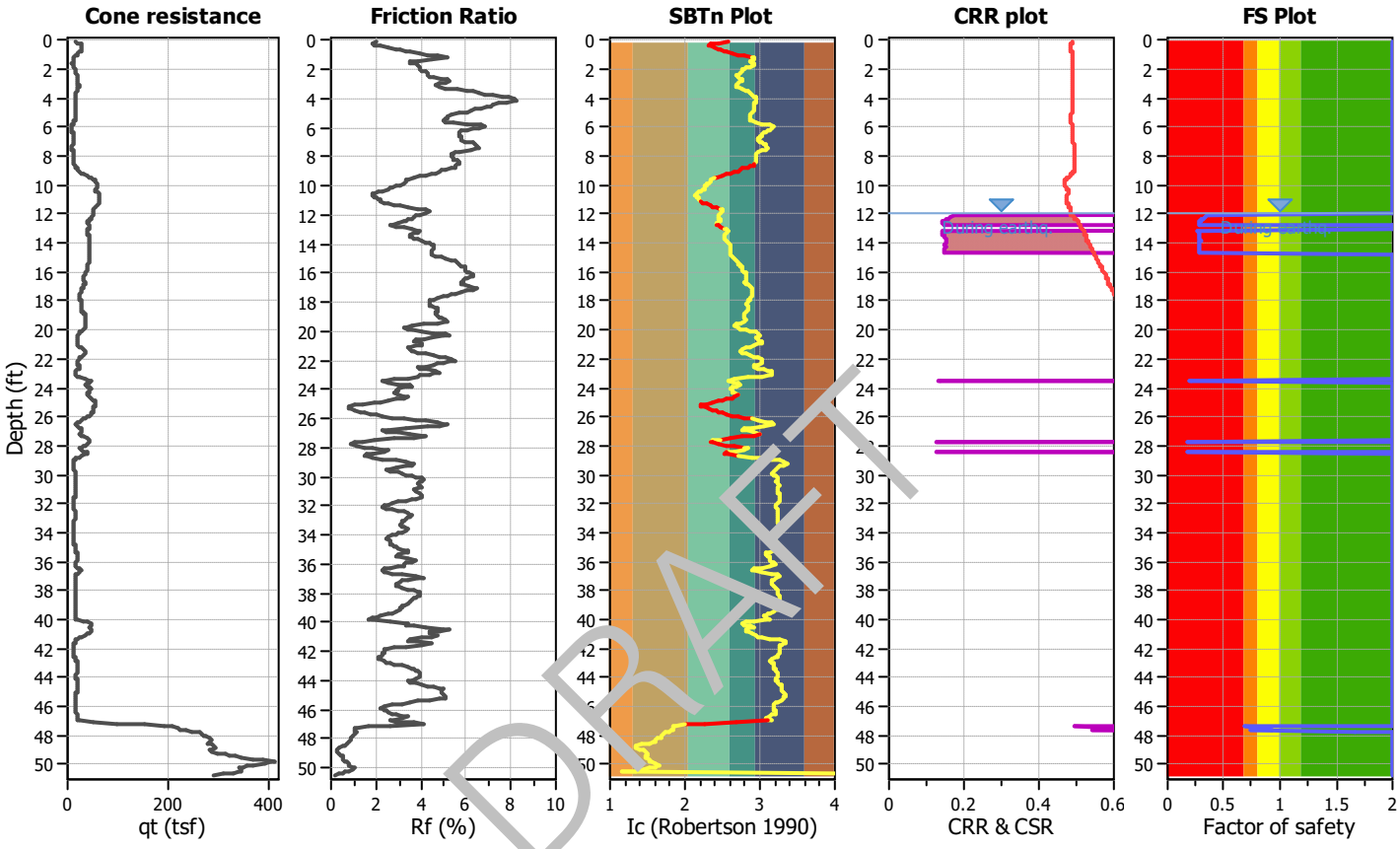
LIQUEFACTION ANALYSIS REPORT

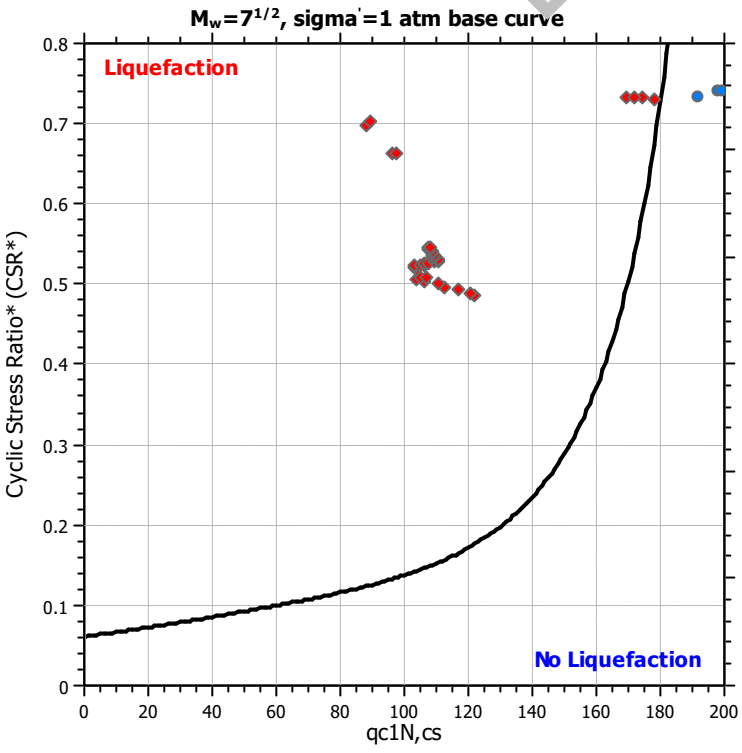
Project title : **Location :**

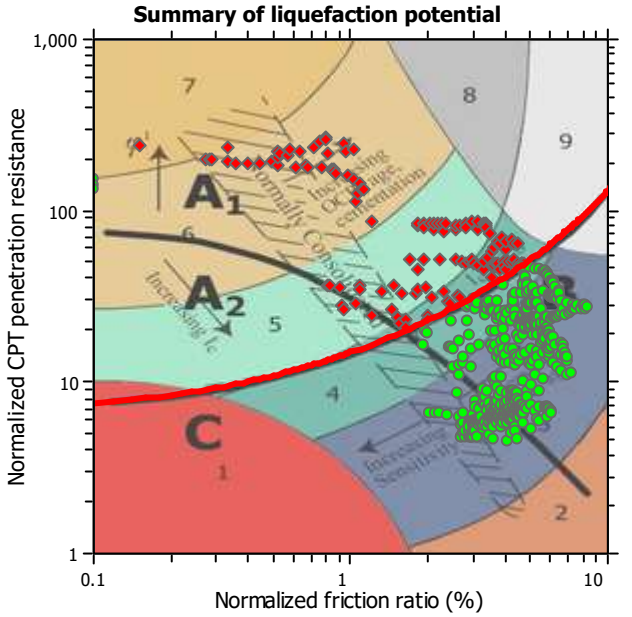
CPT file : CPT-27

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

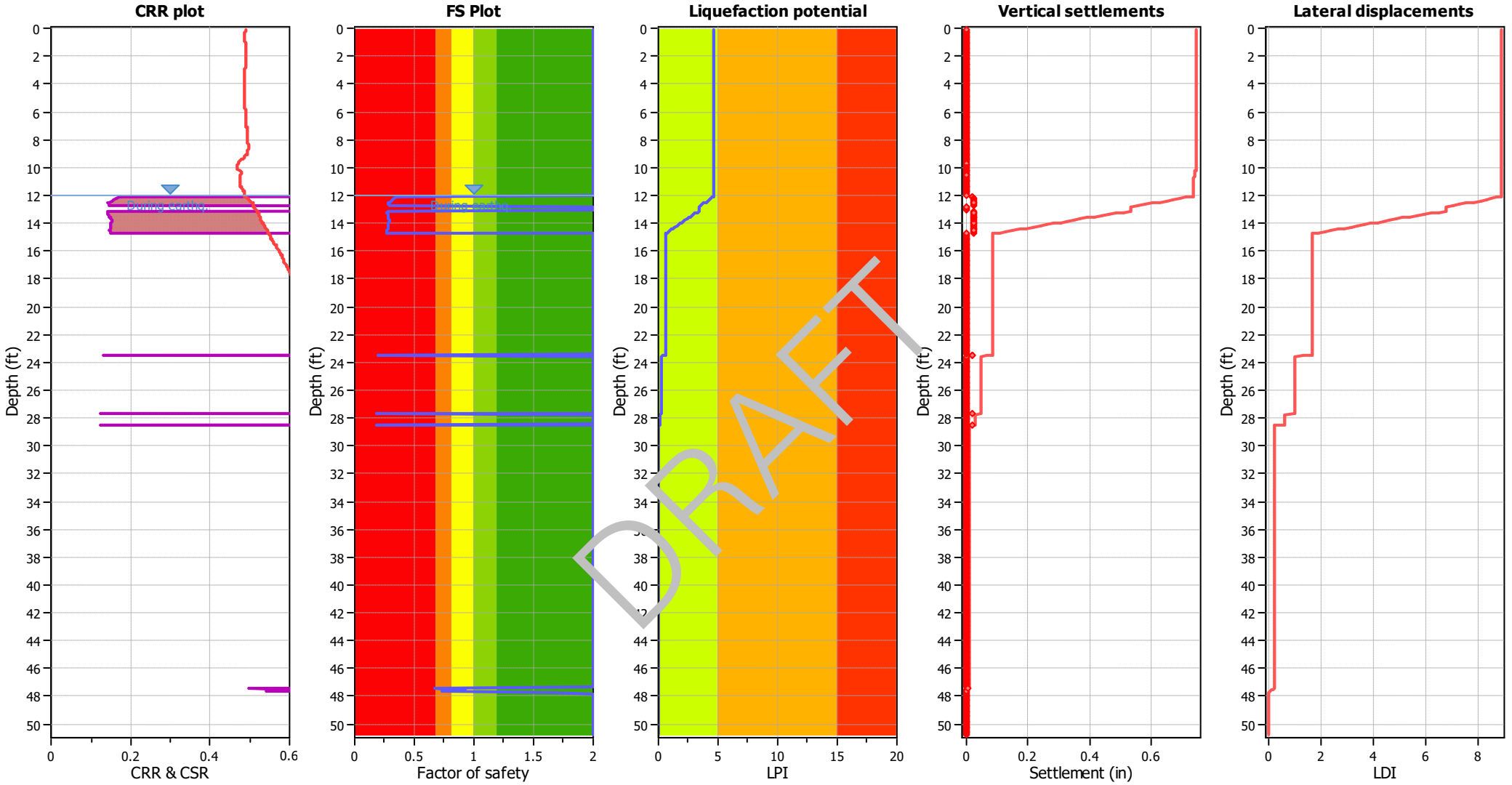






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-27, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	1.98	2.6	24.64	16.88	0	0	82	1	1	1	0	1	0	0.660	0.02
5	2	0.16	1.82	2.4	34.49	28.55	0	0	128	1	1	1	0	1	0	0.660	0.02
6	3	0.25	1.82	2.3	45.07	42.08	0	0	190	1	1	1	0	1	0	0.660	0.02
7	4	0.33	1.94	2.3	51.57	43.95	0	0	254	1	1	1	0	1	0	0.660	0.02
8	5	0.41	2.23	2.4	52.28	45.26	0	0	336	1	1	1	0	1	0	0.660	0.02
9	6	0.49	2.58	2.4	51.99	43.99	0	0	456	1	1	1	0	1	0	0.660	0.02
10	7	0.57	2.88	2.4	50.35	43.27	0	0	569	1	1	1	0	1	0	0.660	0.02
11	8	0.66	3.11	2.5	48.35	41.16	0	0	657	1	1	0	0	1	0	0.660	0.02
12	9	0.74	3.31	2.5	45.16	38.93	0	0	710	1	1	0	0	1	0	0.660	0.02
13	10	0.82	3.54	2.6	41.32	35.2	0	0	762	1	1	0	0	1	0	0.660	0.02
14	11	0.9	3.93	2.6	36.3	31.42	0	0	870	1	0	0	0	1	0	0.660	0.02
15	12	0.98	4.34	2.7	31.17	26.18	0	0	955	1	0	0	0	1	0	0.660	0.02
16	13	1.07	4.8	2.8	25.8	22.18	0	0	983	1	0	0	0	1	0	0.660	0.02
17	14	1.15	5.2	2.9	21.35	17.79	0	0	995	1	0	0	0	1	0	0.660	0.02
18	15	1.23	5.2	2.9	18.59	14.9	0	0	6[illegible]6	1	0	0	0	1	0	0.660	0.02
19	16	1.31	4.55	2.9	17.72	15.19	0	0	31[illegible]	1	0	0	0	1	0	0.660	0.02
20	17	1.39	3.87	2.9	17.27	15.6	0	0	166	1	0	0	0	1	0	0.660	0.02
21	18	1.48	3.51	2.9	16.46	13.8	0	0	102	1	0	0	0	1	0	0.660	0.02
22	19	1.56	3.59	2.9	15.39	13.16	0	0	80	1	0	0	1	1	0	0.660	0.02
23	20	1.64	3.81	2.9	14.92	12.89	0	0	80	1	0	0	0	1	0	0.660	0.02
24	21	1.72	3.92	2.9	15.68	12.62	0	0	115	1	0	0	0	1	0	0.660	0.02
25	22	1.8	4.02	2.9	17.65	15.09	0	0	203	1	0	0	0	1	0	0.660	0.02
26	23	1.89	3.96	2.8	20.52	17.92	0	0	301	1	0	0	0	1	0	0.660	0.02
27	24	1.97	4	2.8	23.16	19.94	0	0	413	1	0	0	0	1	0	0.660	0.02
28	25	2.05	4.08	2.8	24.93	21.84	0	0	514	1	0	0	0	1	0	0.660	0.02
29	26	2.13	4.22	2.8	26.22	22.44	0	0	636	1	0	0	0	1	0	0.660	0.02
30	27	2.21	4.33	2.8	27.66	23.24	0	0	769	1	0	0	0	1	0	0.660	0.02
31	28	2.3	4.34	2.7	29.9	25.54	0	0	890	1	0	0	0	1	0	0.660	0.02
32	29	2.38	4.31	2.7	32.05	28.16	0	0	976	1	0	0	0	1	0	0.660	0.02
33	30	2.46	4.38	2.7	33.34	28.74	0	0	1100	1	0	0	0	1	0	0.660	0.02
34	31	2.54	4.6	2.7	33.37	28.86	0	0	1315	1	0	0	0	1	0	0.660	0.02
35	32	2.62	4.92	2.7	32.84	28.25	0	0	1652	1	0	0	0	1	0	0.660	0.02
36	33	2.71	5.22	2.8	32.41	27.42	0	0	2045	1	0	0	0	1	0	0.660	0.02
37	34	2.79	5.3	2.8	32.61	27.8	0	0	2198	1	0	0	0	1	0	0.660	0.02
38	35	2.87	5.13	2.7	33.83	28.78	0	0	2043	1	0	0	0	1	0	0.660	0.02

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	4.86	2.7	35.58	30.56	0	0	1788	1	0	0	0	1	0	0.660	0.02
40	37	3.03	4.72	2.7	37.02	32.29	0	0	1700	1	0	0	0	1	0	0.660	0.02
41	38	3.12	4.7	2.7	37.75	32.46	0	0	1723	1	0	0	0	1	0	0.660	0.02
42	39	3.2	4.85	2.7	37.36	32.44	0	0	1911	1	0	0	0	1	0	0.660	0.02
43	40	3.28	5.18	2.7	35.88	31.33	0	0	2328	1	0	0	0	1	0	0.660	0.02
44	41	3.36	5.63	2.8	33.78	28.69	0	0	2997	1	0	0	0	1	0	0.660	0.02
45	42	3.44	6.09	2.8	31.61	27.14	0	0	3808	1	0	0	0	1	0	0.660	0.02
46	43	3.53	6.4	2.8	30.24	25.81	0	0	4449	1	0	0	0	1	0	0.660	0.02
47	44	3.61	6.67	2.9	29.37	25.24	0	0	5156	1	0	0	0	1	0	0.660	0.02
48	45	3.69	6.96	2.9	28.81	24.95	0	0	6150	1	0	0	0	1	0	0.660	0.02
49	46	3.77	7.32	2.9	28.39	24.4	0	0	7748	1	0	0	0	1	0	0.660	0.02
50	47	3.85	7.71	2.9	28.09	24.18	0	0	10000	1	0	0	0	1	0	0.660	0.02
51	48	3.94	8.03	2.9	27.91	24.22	0	0	12337	1	0	0	0	1	0	0.660	0.02
52	49	4.02	8.28	3.0	27.71	23.95	0	0	14452	1	0	0	0	1	0	0.660	0.02
53	50	4.1	8.39	3.0	27.33	23.68	0	0	15185	1	0	0	0	1	0	0.660	0.02
54	51	4.18	8.26	3.0	26.91	23.27	0	0	13506	1	0	0	0	1	0	0.660	0.02
55	52	4.26	7.91	2.9	26.58	22.9	0	0	10377	1	0	0	0	1	0	0.660	0.02
56	53	4.35	7.55	2.9	26.34	22.87	0	0	[illegible]	1	0	0	0	1	0	0.660	0.02
57	54	4.43	7.34	2.9	26.33	22.65	0	0	6[illegible]40	1	0	0	0	1	0	0.660	0.02
58	55	4.51	7.26	2.9	26.08	22.91	0	0	63[illegible]6	1	0	0	0	1	0	0.660	0.02
59	56	4.59	7.09	2.9	25.5	22.24	0	0	5381	1	0	0	0	1	0	0.660	0.02
60	57	4.68	6.81	2.9	24.75	21.19	0	0	[illegible]45	1	0	0	0	1	0	0.660	0.02
61	58	4.76	6.51	2.9	24.26	21.02	0	0	3198	1	0	0	0	1	0	0.660	0.02
62	59	4.84	6.36	2.9	24	21.02	0	0	2800	1	0	0	0	1	0	0.660	0.02
63	60	4.92	6.17	2.9	23.9	20.57	0	0	2411	1	0	0	0	1	0	0.660	0.02
64	61	5	5.85	2.9	23.88	20.79	0	0	1894	1	0	0	0	1	0	0.660	0.02
65	62	5.09	5.44	2.9	24	21	0	0	1400	1	0	0	0	1	0	0.660	0.02
66	63	5.17	5.27	2.9	23.69	20.91	0	0	1195	1	0	0	0	1	0	0.660	0.02
67	64	5.25	5.27	2.9	23.47	20.04	0	0	1171	1	0	0	0	1	0	0.660	0.02
68	65	5.33	5.3	2.9	23.4	20.47	0	0	1191	1	0	0	0	1	0	0.660	0.02
69	66	5.41	5.23	2.9	23.32	20.75	0	0	1120	1	0	0	0	1	0	0.660	0.02
70	67	5.5	5.16	2.9	22.89	19.87	0	0	1019	1	0	0	0	1	0	0.660	0.02
71	68	5.58	5.25	2.9	21.72	19.38	0	0	969	1	0	0	0	1	0	0.660	0.02
72	69	5.66	5.63	2.9	19.64	17.77	0	0	1005	1	0	0	0	1	0	0.660	0.02
73	70	5.74	6.31	3.0	16.27	14.57	0	0	885	1	0	0	0	1	0	0.660	0.02
74	71	5.82	6.99	3.1	13.1	10.8	0	0	231	1	0	0	0	1	0	0.660	0.02
75	72	5.91	7.25	3.2	11.27	9.72	0	0	-571	1	0	0	1	1	0	0.660	0.02
76	73	5.99	6.98	3.2	11.06	9.92	0	0	-551	1	0	0	1	1	0	0.660	0.02
77	74	6.07	6.64	3.2	11.48	10.28	0	0	-305	1	0	0	1	1	0	0.660	0.02
78	75	6.15	6.36	3.1	12.09	10.8	0	0	-100	1	0	0	1	1	0	0.660	0.02

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	6.12	3.1	12.78	11.47	0	0	57	1	0	0	1	1	0	0.660	0.02
80	77	6.32	5.97	3.1	13.85	12.07	0	0	246	1	0	0	0	1	0	0.660	0.02
81	78	6.4	5.98	3.1	14.74	13.47	0	0	411	1	0	0	0	1	0	0.660	0.02
82	79	6.48	6	3.0	15.57	13.67	0	0	572	1	0	0	0	1	0	0.660	0.02
83	80	6.56	5.96	3.0	15.92	14.15	0	0	618	1	0	0	0	1	0	0.660	0.02
84	81	6.64	5.99	3.0	16.48	14.37	0	0	736	1	0	0	0	1	0	0.660	0.02
85	82	6.73	6.04	3.0	17.19	15.14	0	0	900	1	0	0	0	1	0	0.660	0.02
86	83	6.81	6.01	3.0	18.19	16.01	0	0	1068	1	0	0	0	1	0	0.660	0.02
87	84	6.89	6	3.0	18.53	16.95	0	0	1123	1	0	0	0	1	0	0.660	0.02
88	85	6.97	6.21	3.0	18.07	16.06	0	0	1214	1	0	0	0	1	0	0.660	0.02
89	86	7.05	6.57	3.0	17.04	14.91	0	0	1290	1	0	0	0	1	0	0.660	0.02
90	87	7.14	6.71	3.1	16.22	14.31	0	0	1171	1	0	0	0	1	0	0.660	0.02
91	88	7.22	6.79	3.1	15.37	13.93	0	0	957	1	0	0	0	1	0	0.660	0.02
92	89	7.3	6.86	3.1	14.63	12.72	0	0	747	1	0	0	0	1	0	0.660	0.02
93	90	7.38	6.99	3.1	13.9	12.43	0	0	539	1	0	0	0	1	0	0.660	0.02
94	91	7.46	6.86	3.1	13.76	12.05	0	0	442	1	0	0	0	1	0	0.660	0.02
95	92	7.55	6.59	3.1	14.27	12.25	0	0	510	1	0	0	0	1	0	0.660	0.02
96	93	7.63	6.03	3.0	16.1	13.47	0	0	[illegible]	1	0	0	0	1	0	0.660	0.02
97	94	7.71	5.78	3.0	17.94	16.17	0	0	[illegible]59	1	0	0	0	1	0	0.660	0.02
98	95	7.79	5.62	2.9	19.18	16.38	0	0	9[illegible]4	1	0	0	0	1	0	0.660	0.02
99	96	7.87	5.64	2.9	19.15	16.2	0	0	94[illegible]	1	0	0	0	1	0	0.660	0.02
100	97	7.96	5.63	3.0	18.76	15.92	0	0	[illegible]82	1	0	0	0	1	0	0.660	0.02
101	98	8.04	5.65	3.0	18.69	15.31	0	0	885	1	0	0	0	1	0	0.660	0.02
102	99	8.12	5.73	3.0	18.88	15.84	0	0	969	1	0	0	0	1	0	0.660	0.02
103	100	8.2	5.66	2.9	19.46	16.07	0	0	1003	1	0	0	0	1	0	0.660	0.02
104	101	8.28	5.85	3.0	19.5	16.3	0	0	1165	1	0	0	0	1	0	0.660	0.02
105	102	8.37	5.96	3.0	19.5	15.62	0	0	1265	1	0	0	0	1	0	0.660	0.02
106	103	8.45	5.99	3.0	19.73	15.79	0	0	1337	1	0	0	0	1	0	0.660	0.02
107	104	8.53	5.84	2.9	20.61	16.55	0	0	1339	1	0	0	0	1	0	0.660	0.02
108	105	8.61	5.77	2.9	21.91	17.31	0	0	1474	1	0	0	0	1	0	0.660	0.02
109	106	8.69	5.76	2.9	23.9	18.37	0	0	1772	1	0	0	0	1	0	0.660	0.02
110	107	8.78	5.55	2.8	26.82	20.61	0	0	1897	1	0	0	0	1	0	0.660	0.02
111	108	8.86	5.25	2.8	30.6	23.33	0	0	1903	1	0	0	0	1	0	0.660	0.02
112	109	8.94	5.01	2.7	33.6	26.16	0	0	1840	1	0	0	0	1	0	0.660	0.02
113	110	9.02	4.91	2.7	36.82	27.98	0	0	1960	1	0	0	0	1	0	0.660	0.02
114	111	9.1	4.79	2.7	40.96	31.2	0	0	2086	1	0	0	0	1	0	0.660	0.02
115	112	9.19	4.55	2.6	46.19	36.27	0	0	2040	1	0	0	0	1	0	0.660	0.02
116	113	9.27	4.3	2.6	52.04	40.95	0	0	1957	1	1	0	0	1	0	0.660	0.02
117	114	9.35	4	2.5	58.74	45.99	0	0	1791	1	1	0	0	1	0	0.660	0.02
118	115	9.43	3.73	2.4	66.51	53.35	0	0	1673	1	1	0	0	1	0	0.660	0.02

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	3.49	2.4	73.7	60.75	0	0	1550	1	1	0	0	1	0	0.660	0.02
120	117	9.6	3.36	2.4	78.89	64.61	0	0	1507	1	1	0	0	1	0	0.660	0.02
121	118	9.68	3.34	2.3	81.93	66.88	0	0	1549	1	1	0	0	1	0	0.660	0.02
122	119	9.76	3.34	2.3	83.86	68.73	0	0	1592	1	1	0	0	1	0	0.660	0.02
123	120	9.84	3.3	2.3	85.36	69.84	0	0	1571	1	1	0	0	1	0	0.660	0.02
124	121	9.92	3.14	2.3	86.63	71.25	0	0	1394	1	1	0	0	1	0	0.660	0.02
125	122	10.01	2.94	2.3	87.33	73.17	0	0	1184	1	1	1	0	1	0	0.660	0.02
126	123	10.09	2.78	2.3	85.33	73.21	0	0	1003	1	1	1	0	1	0	0.660	0.02
127	124	10.17	2.66	2.3	81.99	67.88	0	0	861	1	1	1	0	1	0	0.660	0.02
128	125	10.25	2.54	2.3	78.18	66.17	0	0	732	1	1	1	0	1	0	0.660	0.02
129	126	10.33	2.32	2.2	76.66	64.99	0	0	588	1	1	1	0	1	0	0.660	0.02
130	127	10.42	2.1	2.2	77.34	65.87	0	0	488	1	1	1	0	1	0	0.660	0.02
131	128	10.5	1.92	2.2	79.59	69.83	0	0	428	1	1	1	0	1	0	0.660	0.02
132	129	10.58	1.83	2.2	82.87	72.56	0	0	414	1	1	1	0	1	0	0.660	0.02
133	130	10.66	1.84	2.1	85.02	75.49	0	0	430	1	1	1	0	1	0	0.660	0.02
134	131	10.74	1.91	2.2	85.48	75.77	0	0	462	1	1	1	0	1	0	0.660	0.02
135	132	10.83	2.02	2.2	84.94	73.56	0	0	507	1	1	1	0	1	0	0.660	0.02
136	133	10.91	2.12	2.2	84.05	73.59	0	0	[illegible]	1	1	1	0	1	0	0.660	0.02
137	134	10.99	2.18	2.2	84.1	73.17	0	0	[illegible]79	1	1	1	0	1	0	0.660	0.02
138	135	11.07	2.26	2.2	84.07	73.61	0	0	6[illegible]2	1	1	1	0	1	0	0.660	0.02
139	136	11.15	2.36	2.2	83.69	73.42	0	0	67[illegible]	1	1	1	0	1	0	0.660	0.02
140	137	11.24	2.55	2.3	82.44	71.95	0	0	[illegible]87	1	1	1	0	1	0	0.660	0.02
141	138	11.32	2.81	2.3	80.15	69.71	0	0	956	1	1	1	0	1	0	0.660	0.02
142	139	11.4	3.14	2.3	77.63	66.71	0	0	1225	1	1	0	0	1	0	0.660	0.02
143	140	11.48	3.5	2.4	74.4	64.52	0	0	1581	1	1	0	0	1	0	0.660	0.02
144	141	11.56	3.89	2.4	70.68	60.64	0	0	2058	1	1	0	0	1	0	0.660	0.02
145	142	11.65	4.26	2.5	67.17	56.56	0	[illegible]	2620	1	1	0	0	1	0	0.660	0.02
146	143	11.73	4.48	2.5	65.03	55.19	0	0	3007	1	1	0	0	1	0	0.660	0.02
147	144	11.81	4.48	2.5	64.54	55.21	0	0	2979	1	1	0	0	1	0	0.660	0.02
148	145	11.89	4.28	2.5	64.92	55.76	0	0	2553	1	1	0	0	1	0	0.660	0.02
149	146	11.97	4.04	2.5	65.41	57	0	0	2118	1	1	0	0	1	0	0.660	0.02
150	147	12.06	3.83	2.5	65.32	57.41	0.02	0.18	1778	1	1	0	0	1	0	0.660	0.02
151	148	12.14	3.71	2.5	63.67	56.43	0.02	0.19	1559	1	1	0	0	1	0	0.640	0.02
152	149	12.22	3.61	2.5	60.59	53.46	0.02	0.21	1348	1	1	0	0	1	0	0.620	0.02
153	150	12.3	3.51	2.5	57.17	50.08	0.02	0.23	1151	1	1	0	0	1	0	0.600	0.02
154	151	12.38	3.4	2.5	53.64	48.12	0.02	0.24	966	1	1	0	0	1	0	0.580	0.02
155	152	12.47	3.27	2.5	50.75	44.8	0.02	0.26	804	1	1	0	0	1	0	0.560	0.02
156	153	12.55	3.03	2.5	49.13	43.03	0.02	0.28	627	1	1	0	0	1	0	0.540	0.02
157	154	12.63	2.78	2.4	49.38	44.59	0.02	0.27	508	1	1	1	0	1	0	0.520	0.02
158	155	12.71	2.72	2.4	50.62	46.23	0.02	0.26	498	1	1	1	0	1	0	0.500	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	2.95	2.4	51.35	46.76	0	0	620	1	1	1	0	1	0	0.480	0.02
160	157	12.88	3.31	2.5	51.13	46.35	0	0	840	1	1	0	0	1	0	0.480	0.02
161	158	12.96	3.67	2.5	49.65	45.27	0	0	1095	1	1	0	0	1	0	0.480	0.02
162	159	13.04	3.91	2.6	47.79	42.54	0	0	1269	1	1	0	0	1	0	0.480	0.02
163	160	13.12	4.04	2.6	46.06	41.34	0.02	0.28	1344	1	1	0	0	1	0	0.480	0.02
164	161	13.21	3.98	2.6	45.47	40.79	0.02	0.29	1256	1	1	0	0	1	0	0.460	0.02
165	162	13.29	3.8	2.6	45.88	41.32	0.02	0.28	1096	1	1	0	0	1	0	0.440	0.02
166	163	13.37	3.62	2.5	46.91	42.91	0.02	0.27	972	1	1	0	0	1	0	0.420	0.02
167	164	13.45	3.55	2.5	47.82	44.07	0.02	0.26	941	1	1	0	0	1	0	0.400	0.02
168	165	13.53	3.63	2.5	48.53	44.12	0.02	0.26	1027	1	1	0	0	1	0	0.380	0.02
169	166	13.62	3.76	2.5	49.29	45.02	0.02	0.26	1169	1	1	0	0	1	0	0.360	0.02
170	167	13.7	3.91	2.5	50.41	46.23	0.02	0.25	1364	1	1	0	0	1	0	0.340	0.02
171	168	13.78	4.07	2.5	51.01	47.25	0.02	0.24	1580	1	1	0	0	1	0	0.320	0.02
172	169	13.86	4.27	2.6	50.79	46.77	0.02	0.24	1850	1	1	0	0	1	0	0.300	0.02
173	170	13.94	4.45	2.6	49.93	45.72	0.02	0.25	2091	1	1	0	0	1	0	0.280	0.02
174	171	14.03	4.59	2.6	49.16	45.05	0.02	0.25	2292	1	1	0	0	1	0	0.260	0.02
175	172	14.11	4.65	2.6	48.94	44.87	0.02	0.25	2390	1	1	0	0	1	0	0.240	0.02
176	173	14.19	4.68	2.6	48.84	45.37	0.02	0.25	[illegible]	1	0	0	0	1	0	0.220	0.02
177	174	14.27	4.66	2.6	48.68	45.06	0.02	0.25	[illegible]	1	0	0	0	1	0	0.200	0.02
178	175	14.35	4.63	2.6	48.2	44.77	0.02	0.25	[illegible]	1	0	0	0	1	0	0.180	0.02
179	176	14.44	4.59	2.6	47.64	44.39	0.02	0.25	[illegible]	1	0	0	0	1	0	0.160	0.02
180	177	14.52	4.57	2.6	47.29	43.88	0.02	0.26	[illegible]	1	0	0	0	1	0	0.140	0.02
181	178	14.6	4.54	2.6	47.17	44.12	0.02	0.26	2082	1	0	0	0	1	0	0.120	0.02
182	179	14.68	4.54	2.6	47.35	44.36	0.02	0.25	2093	1	0	0	0	1	0	0.100	0.02
183	180	14.76	4.61	2.6	47.28	44.68	0	0	2209	1	0	0	0	1	0	0.080	0.02
184	181	14.85	4.76	2.6	47.01	44.17	0	0	2470	1	0	0	0	1	0	0.080	0.02
185	182	14.93	5	2.6	46.5	43.83	0	0	2941	1	0	0	0	1	0	0.080	0.02
186	183	15.01	5.24	2.7	45.93	43.43	0	0	3487	1	0	0	0	1	0	0.080	0.02
187	184	15.09	5.47	2.7	45.21	42.77	0	0	4075	1	0	0	0	1	0	0.080	0.02
188	185	15.17	5.64	2.7	44.46	42.03	0	0	4535	1	0	0	0	1	0	0.080	0.02
189	186	15.26	5.77	2.7	43.75	41.59	0	0	4895	1	0	0	0	1	0	0.080	0.02
190	187	15.34	5.83	2.7	42.98	41.04	0	0	4996	1	0	0	0	1	0	0.080	0.02
191	188	15.42	5.88	2.7	41.83	40.16	0	0	4992	1	0	0	0	1	0	0.080	0.02
192	189	15.5	5.96	2.7	40.38	38.63	0	0	5040	1	0	0	0	1	0	0.080	0.02
193	190	15.58	6.07	2.8	39.16	37.24	0	0	5233	1	0	0	0	1	0	0.080	0.02
194	191	15.67	6.15	2.8	38.53	36.97	0	0	5424	1	0	0	0	1	0	0.080	0.02
195	192	15.75	6.15	2.8	38.38	37.09	0	0	5393	1	0	0	0	1	0	0.080	0.02
196	193	15.83	6.15	2.8	38.09	37.08	0	0	5332	1	0	0	0	1	0	0.080	0.02
197	194	15.91	6.2	2.8	37.26	36.39	0	0	5355	1	0	0	0	1	0	0.080	0.02
198	195	15.99	6.32	2.8	35.81	34.98	0	0	5511	1	0	0	0	1	0	0.080	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	6.48	2.8	34.14	33.16	0	0	5756	1	0	0	0	1	0	0.080	0.02
200	197	16.16	6.55	2.8	32.7	31.82	0	0	5656	1	0	0	0	1	0	0.080	0.02
201	198	16.24	6.46	2.8	31.75	31.06	0	0	5046	1	0	0	0	1	0	0.080	0.02
202	199	16.32	6.29	2.8	31.17	30.65	0	0	4317	1	0	0	0	1	0	0.080	0.02
203	200	16.4	6.13	2.8	30.97	30.41	0	0	3792	1	0	0	0	1	0	0.080	0.02
204	201	16.49	6.08	2.8	30.84	30.7	0	0	3627	1	0	0	0	1	0	0.080	0.02
205	202	16.57	6.05	2.8	31.03	30.49	0	0	3583	1	0	0	0	1	0	0.080	0.02
206	203	16.65	5.99	2.8	31.63	31.17	0	0	3537	1	0	0	0	1	0	0.080	0.02
207	204	16.73	5.97	2.8	32.41	32.67	0	0	3626	1	0	0	0	1	0	0.080	0.02
208	205	16.81	6.08	2.8	32.25	32.99	0	0	3906	1	0	0	0	1	0	0.080	0.02
209	206	16.9	6.38	2.8	30.72	30.94	0	0	4503	1	0	0	0	1	0	0.080	0.02
210	207	16.98	6.67	2.9	28.59	28.42	0	0	4918	1	0	0	0	1	0	0.080	0.02
211	208	17.06	6.75	2.9	26.64	26.94	0	0	4581	1	0	0	0	1	0	0.080	0.02
212	209	17.14	6.57	2.9	25.16	25.42	0	0	3597	1	0	0	0	1	0	0.080	0.02
213	210	17.22	6.27	2.9	24.01	24.28	0	0	2622	1	0	0	0	1	0	0.080	0.02
214	211	17.31	6	2.9	23.23	23.69	0	0	1999	1	0	0	0	1	0	0.080	0.02
215	212	17.39	5.77	2.9	22.56	23.21	0	0	1576	1	0	0	0	1	0	0.080	0.02
216	213	17.47	5.57	2.9	22.08	22.42	0	0	[illegible]	1	0	0	0	1	0	0.080	0.02
217	214	17.55	5.38	2.9	21.48	22.4	0	0	1[illegible]44	1	0	0	0	1	0	0.080	0.02
218	215	17.63	5.2	2.9	21.01	21.55	0	0	8[illegible]1	1	0	0	0	1	0	0.080	0.02
219	216	17.72	4.99	2.9	20.54	21.15	0	0	690	1	0	0	0	1	0	0.080	0.02
220	217	17.8	4.79	2.9	20.56	21.11	0	0	[illegible]91	1	0	0	0	1	0	0.080	0.02
221	218	17.88	4.62	2.9	20.96	21.69	0	0	542	1	0	0	0	1	0	0.080	0.02
222	219	17.96	4.58	2.9	21.6	22.4	0	0	564	1	0	0	0	1	0	0.080	0.02
223	220	18.04	4.58	2.8	22.23	23.08	0	0	603	1	0	0	0	1	0	0.080	0.02
224	221	18.13	4.59	2.8	22.69	23.67	0	0	637	1	0	0	0	1	0	0.080	0.02
225	222	18.21	4.61	2.8	23.02	23.94	0	0	668	1	0	0	0	1	0	0.080	0.02
226	223	18.29	4.7	2.8	22.97	24.21	0	0	715	1	0	0	0	1	0	0.080	0.02
227	224	18.37	4.82	2.8	22.88	23.67	0	0	779	1	0	0	0	1	0	0.080	0.02
228	225	18.45	4.93	2.9	22.69	23.8	0	0	834	1	0	0	0	1	0	0.080	0.02
229	226	18.54	4.95	2.9	22.69	23.78	0	0	848	1	0	0	0	1	0	0.080	0.02
230	227	18.62	4.92	2.8	23.13	23.82	0	0	863	1	0	0	0	1	0	0.080	0.02
231	228	18.7	4.87	2.8	24.1	25.27	0	0	906	1	0	0	0	1	0	0.080	0.02
232	229	18.78	4.84	2.8	25.48	26.89	0	0	990	1	0	0	0	1	0	0.080	0.02
233	230	18.86	4.87	2.8	26.71	28.22	0	0	1110	1	0	0	0	1	0	0.080	0.02
234	231	18.95	4.93	2.8	27.76	29.29	0	0	1249	1	0	0	0	1	0	0.080	0.02
235	232	19.03	4.98	2.8	28.62	30.41	0	0	1373	1	0	0	0	1	0	0.080	0.02
236	233	19.11	5.09	2.8	29.01	31.18	0	0	1532	1	0	0	0	1	0	0.080	0.02
237	234	19.19	5.26	2.8	28.97	30.79	0	0	1745	1	0	0	0	1	0	0.080	0.02
238	235	19.27	5.38	2.8	28.54	30.56	0	0	1865	1	0	0	0	1	0	0.080	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	5.3	2.8	28.09	30.09	0	0	1704	1	0	0	0	1	0	0.080	0.02
240	237	19.44	4.87	2.8	28.08	29.62	0	0	1217	1	0	0	0	1	0	0.080	0.02
241	238	19.52	4.29	2.7	28.66	30.67	0	0	793	1	0	0	0	1	0	0.080	0.02
242	239	19.6	3.76	2.7	29.32	31.94	0	0	534	1	0	0	0	1	0	0.080	0.02
243	240	19.68	3.47	2.7	29.42	31.74	0	0	421	1	0	0	0	1	0	0.080	0.02
244	241	19.77	3.39	2.7	28.59	31.09	0	0	375	1	0	0	0	1	0	0.080	0.02
245	242	19.85	3.51	2.7	26.86	29.51	0	0	370	1	0	0	0	1	0	0.080	0.02
246	243	19.93	3.78	2.8	24.85	26.57	0	0	399	1	0	0	0	1	0	0.080	0.02
247	244	20.01	4.22	2.8	22.85	25.08	0	0	480	1	0	0	0	1	0	0.080	0.02
248	245	20.09	4.82	2.9	20.91	23.5	0	0	631	1	0	0	0	1	0	0.080	0.02
249	246	20.18	5.37	2.9	18.83	20.75	0	0	730	1	0	0	0	1	0	0.080	0.02
250	247	20.26	5.56	3.0	16.67	18.55	0	0	557	1	0	0	0	1	0	0.080	0.02
251	248	20.34	5.35	3.0	15.22	16.69	0	0	309	1	0	0	0	1	0	0.080	0.02
252	249	20.42	4.8	3.0	14.57	16.19	0	0	153	1	0	0	0	1	0	0.080	0.02
253	250	20.5	4.36	3.0	14.49	16.55	0	0	103	1	0	0	0	1	0	0.080	0.02
254	251	20.59	4.04	3.0	14.25	16.49	0	0	70	1	0	0	1	1	0	0.080	0.02
255	252	20.67	3.99	3.0	13.63	15.43	0	0	43	1	0	0	1	1	0	0.080	0.02
256	253	20.75	4.18	3.0	12.8	14.62	0	0	13	1	0	0	1	1	0	0.080	0.02
257	254	20.83	4.37	3.0	12.38	13.83	0	0	-6	1	0	0	1	1	0	0.080	0.02
258	255	20.92	4.36	3.0	12.35	14.14	0	0	8	1	0	0	1	1	0	0.080	0.02
259	256	21	4.03	3.0	12.92	14.56	0	0	17	1	0	0	1	1	0	0.080	0.02
260	257	21.08	3.73	2.9	14.21	15.7	0	0	53	1	0	0	1	1	0	0.080	0.02
261	258	21.16	3.64	2.9	16.26	18.38	0	0	108	1	0	0	0	1	0	0.080	0.02
262	259	21.24	3.66	2.8	19.7	21.28	0	0	210	1	0	0	0	1	0	0.080	0.02
263	260	21.33	3.73	2.8	22.94	26.85	0	0	323	1	0	0	0	1	0	0.080	0.02
264	261	21.41	3.8	2.7	25.51	28.95	0	0	427	1	0	0	0	1	0	0.080	0.02
265	262	21.49	4.04	2.8	26.14	29.79	0	0	546	1	0	0	0	1	0	0.080	0.02
266	263	21.57	4.35	2.8	25.64	29.27	0	0	677	1	0	0	0	1	0	0.080	0.02
267	264	21.65	4.71	2.8	24.52	27.71	0	0	827	1	0	0	0	1	0	0.080	0.02
268	265	21.74	5.03	2.9	22.32	26.52	0	0	870	1	0	0	0	1	0	0.080	0.02
269	266	21.82	5.35	2.9	19.61	22.38	0	0	808	1	0	0	0	1	0	0.080	0.02
270	267	21.9	5.65	3.0	17.12	18.83	0	0	661	1	0	0	0	1	0	0.080	0.02
271	268	21.98	5.84	3.0	15.5	18.3	0	0	495	1	0	0	0	1	0	0.080	0.02
272	269	22.06	5.64	3.0	14.79	17.07	0	0	325	1	0	0	0	1	0	0.080	0.02
273	270	22.15	5.37	3.0	14	16.55	0	0	173	1	0	0	0	1	0	0.080	0.02
274	271	22.23	5.12	3.0	13.27	15.72	0	0	73	1	0	0	1	1	0	0.080	0.02
275	272	22.31	4.95	3.0	13.01	14.72	0	0	42	1	0	0	1	1	0	0.080	0.02
276	273	22.39	4.49	3.0	13.98	15.74	0	0	85	1	0	0	0	1	0	0.080	0.02
277	274	22.47	4.14	2.9	15.33	19.02	0	0	123	1	0	0	0	1	0	0.080	0.02
278	275	22.56	4.16	2.9	15.67	19.31	0	0	140	1	0	0	0	1	0	0.080	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	4.61	3.0	14.39	16.95	0	0	120	1	0	0	0	1	0	0.080	0.02
280	277	22.72	5.04	3.1	12.5	14.8	0	0	0	1	0	0	1	1	0	0.080	0.02
281	278	22.8	5.26	3.1	10.87	13.06	0	0	-173	1	0	0	1	1	0	0.080	0.02
282	279	22.88	5.06	3.1	9.6	11.52	0	0	-263	1	0	0	1	1	0	0.080	0.02
283	280	22.97	4.84	3.2	8.77	10.58	0	0	-284	1	0	0	1	1	0	0.080	0.02
284	281	23.05	4.45	3.2	8.49	10.29	0	0	-224	1	0	0	1	1	0	0.080	0.02
285	282	23.13	4.26	3.1	8.8	10.56	0	0	-177	1	0	0	1	1	0	0.080	0.02
286	283	23.21	3.69	3.0	10.77	11.61	0	0	-52	1	0	0	1	1	0	0.080	0.02
287	284	23.29	2.94	2.8	15.45	16.98	0	0	47	1	0	1	1	1	0	0.080	0.02
288	285	23.38	2.48	2.7	22.86	26.48	0	0	110	1	0	1	0	1	0	0.080	0.02
289	286	23.46	2.41	2.6	28.85	35.78	0.02	0.33	162	1	1	1	0	1	0	0.080	0.02
290	287	23.54	2.64	2.6	31.27	36.68	0.02	0.32	229	1	1	1	0	1	0	0.060	0.02
291	288	23.62	3.13	2.6	28.66	34.97	0	0	301	1	0	0	0	1	0	0.040	0.02
292	289	23.7	3.61	2.7	25.65	27.94	0	0	369	1	0	0	0	1	0	0.040	0.02
293	290	23.79	3.75	2.8	24.34	27.25	0	0	373	1	0	0	0	1	0	0.040	0.02
294	291	23.87	3.38	2.7	26.6	30.82	0	0	325	1	0	0	0	1	0	0.040	0.02
295	292	23.95	3.08	2.6	29.3	35.39	0	0	300	1	0	0	0	1	0	0.040	0.02
296	293	24.03	3.01	2.6	30.43	36.14	0	0	[illegible]	1	0	0	0	1	0	0.040	0.02
297	294	24.11	3.04	2.6	29.88	34.71	0	0	00	1	0	0	0	1	0	0.040	0.02
298	295	24.2	3.02	2.6	28.96	33.75	0	0	2[illegible]9	1	0	0	0	1	0	0.040	0.02
299	296	24.28	2.92	2.6	27.98	33.22	0	0	241	1	0	1	0	1	0	0.040	0.02
300	297	24.36	3.08	2.7	26.27	31.48	0	0	246	1	0	0	0	1	0	0.040	0.02
301	298	24.44	3.35	2.7	25.62	28.32	0	0	295	1	0	0	0	1	0	0.040	0.02
302	299	24.52	3.55	2.7	26.04	31.38	0	0	361	1	0	0	0	1	0	0.040	0.02
303	300	24.61	3.33	2.7	28	33.22	0	0	343	1	0	0	0	1	0	0.040	0.02
304	301	24.69	3.01	2.6	29.61	34.93	0	0	288	1	0	0	0	1	0	0.040	0.02
305	302	24.77	2.62	2.6	31.93	36.62	0	0	232	1	1	1	0	1	0	0.040	0.02
306	303	24.85	2.29	2.5	34.18	40.7	0	0	193	1	1	1	0	1	0	0.040	0.02
307	304	24.93	1.95	2.4	36	42.09	0	0	154	1	1	1	0	1	0	0.040	0.02
308	305	25.02	1.47	2.4	36.81	42.11	0	0	102	1	1	1	0	1	0	0.040	0.02
309	306	25.1	1.08	2.3	37.05	42.19	0	0	71	1	1	1	1	1	0	0.040	0.02
310	307	25.18	0.81	2.2	37.13	41.42	0	0	55	1	1	1	1	1	0	0.040	0.02
311	308	25.26	0.83	2.2	36.51	41.16	0	0	55	1	1	1	1	1	0	0.040	0.02
312	309	25.34	0.91	2.3	35.75	40.29	0	0	57	1	1	1	1	1	0	0.040	0.02
313	310	25.43	1.09	2.3	34.71	39.49	0	0	65	1	1	1	1	1	0	0.040	0.02
314	311	25.51	1.32	2.4	34	38.68	0	0	79	1	1	1	1	1	0	0.040	0.02
315	312	25.59	1.58	2.4	33.29	38.89	0	0	97	1	1	1	0	1	0	0.040	0.02
316	313	25.67	1.8	2.5	32.62	38.02	0	0	115	1	1	1	0	1	0	0.040	0.02
317	314	25.75	2.05	2.5	31.35	37.16	0	0	135	1	1	1	0	1	0	0.040	0.02
318	315	25.84	2.38	2.6	29.74	35.29	0	0	167	1	1	1	0	1	0	0.040	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	2.85	2.6	27.53	33.31	0	0	220	1	0	1	0	1	0	0.040	0.02
320	317	26	3.38	2.7	24.82	30.44	0	0	284	1	0	0	0	1	0	0.040	0.02
321	318	26.08	3.93	2.8	21.69	26.74	0	0	336	1	0	0	0	1	0	0.040	0.02
322	319	26.16	4.46	2.9	18.58	23.08	0	0	342	1	0	0	0	1	0	0.040	0.02
323	320	26.25	5.02	3.0	15.43	19.54	0	0	257	1	0	0	0	1	0	0.040	0.02
324	321	26.33	5.45	3.1	12.66	15.42	0	0	20	1	0	0	1	1	0	0.040	0.02
325	322	26.41	5.65	3.2	10.28	13.16	0	0	-317	1	0	0	1	1	0	0.040	0.02
326	323	26.49	5.43	3.2	8.81	11.04	0	0	-446	1	0	0	1	1	0	0.040	0.02
327	324	26.57	4.87	3.2	8.2	10.19	0	0	-336	1	0	0	1	1	0	0.040	0.02
328	325	26.66	3.69	3.1	9.73	11	0	0	-83	1	0	0	1	1	0	0.040	0.02
329	326	26.74	2.76	2.9	12.92	16.49	0	0	6	1	0	1	1	1	0	0.040	0.02
330	327	26.82	2.46	2.8	16.08	21.64	0	0	37	1	0	1	1	1	0	0.040	0.02
331	328	26.9	2.65	2.8	17.22	21.98	0	0	58	1	0	1	1	1	0	0.040	0.02
332	329	26.98	3.16	2.8	16.25	20.59	0	0	72	1	0	0	1	1	0	0.040	0.02
333	330	27.07	3.78	2.9	14.84	18.67	0	0	76	1	0	0	1	1	0	0.040	0.02
334	331	27.15	4.4	3.0	13.47	16.96	0	0	52	1	0	0	1	1	0	0.040	0.02
335	332	27.23	4.59	3.0	13.29	15.72	0	0	49	1	0	0	1	1	0	0.040	0.02
336	333	27.31	3.92	2.9	15.1	18.06	0	0	24	1	0	0	0	1	0	0.040	0.02
337	334	27.39	2.92	2.8	18.73	23.59	0	0	97	1	0	1	0	1	0	0.040	0.02
338	335	27.48	2	2.6	23.39	28.43	0	0	5	1	1	1	1	1	0	0.040	0.02
339	336	27.56	1.44	2.5	26.67	32.9	0	0	58	1	1	1	1	1	0	0.040	0.02
340	337	27.64	1.05	2.4	28.48	33.53	0	0	45	1	1	1	1	1	0	0.040	0.02
341	338	27.72	0.92	2.3	28.05	33.31	0.02	0.4	39	1	1	1	1	1	0.02	0.040	0.02
342	339	27.8	0.94	2.4	26.63	31.06	0	0	36	1	1	1	1	1	0	0.020	0
343	340	27.89	1.21	2.5	24.46	29.04	0	0	39	1	1	1	1	1	0	0.020	0
344	341	27.97	1.56	2.6	22.15	27.02	0	0	44	1	1	1	1	1	0	0.020	0
345	342	28.05	1.99	2.7	19.15	24.22	0	0	45	1	0	1	1	1	0	0.020	0
346	343	28.13	2.44	2.8	16.01	19.7	0	0	36	1	0	1	1	1	0	0.020	0
347	344	28.21	2.76	2.9	14.07	16.84	0	0	21	1	0	1	1	1	0	0.020	0
348	345	28.3	2.5	2.8	15.49	17.56	0	0	32	1	0	1	1	1	0	0.020	0
349	346	28.38	1.96	2.7	19.63	24.7	0	0	47	1	0	1	1	1	0	0.020	0
350	347	28.46	1.63	2.6	23.03	30.52	0.02	0.39	51	1	0	1	1	1	0	0.020	0
351	348	28.54	1.53	2.5	23.54	28.55	0	0	49	1	1	1	1	1	0	0.000	0
352	349	28.63	1.64	2.6	20.63	26.26	0	0	40	1	1	1	1	1	0	0.000	0
353	350	28.71	1.94	2.7	16.38	21.01	0	0	25	1	0	1	1	1	0	0.000	0
354	351	28.79	2.51	2.9	12.14	14.61	0	0	-4	1	0	1	1	1	0	0.000	0
355	352	28.87	3.28	3.1	9.02	11.76	0	0	-74	1	0	0	1	1	0	0.000	0
356	353	28.95	3.86	3.2	7.31	9.7	0	0	-179	1	0	0	1	1	0	0.000	0
357	354	29.04	4.23	3.3	6.07	8.43	0	0	-301	1	0	0	1	1	0	0.000	0
358	355	29.12	4.41	3.3	5.2	7.3	0	0	-395	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	4.43	3.4	4.67	6.62	0	0	-430	1	0	0	1	1	0	0.000	0
360	357	29.28	4.11	3.4	4.51	6.52	0	0	-339	1	0	0	1	1	0	0.000	0
361	358	29.36	3.58	3.3	4.59	6.74	0	0	-216	1	0	0	1	1	0	0.000	0
362	359	29.45	3.12	3.3	4.78	6.9	0	0	-143	1	0	0	1	1	0	0.000	0
363	360	29.53	3.02	3.2	5.1	7.2	0	0	-126	1	0	0	1	1	0	0.000	0
364	361	29.61	3.19	3.2	5.58	7.86	0	0	-136	1	0	0	1	1	0	0.000	0
365	362	29.69	3.48	3.2	6.18	8.61	0	0	-159	1	0	0	1	1	0	0.000	0
366	363	29.77	3.69	3.2	6.79	9.33	0	0	-171	1	0	0	1	1	0	0.000	0
367	364	29.86	3.85	3.2	7.39	10.05	0	0	-175	1	0	0	1	1	0	0.000	0
368	365	29.94	4.09	3.2	7.67	10.72	0	0	-201	1	0	0	1	1	0	0.000	0
369	366	30.02	4.36	3.2	7.62	10.29	0	0	-254	1	0	0	1	1	0	0.000	0
370	367	30.1	4.59	3.2	7.39	9.85	0	0	-319	1	0	0	1	1	0	0.000	0
371	368	30.18	4.73	3.2	7.22	9.89	0	0	-369	1	0	0	1	1	0	0.000	0
372	369	30.27	4.69	3.2	7.13	9.68	0	0	-364	1	0	0	1	1	0	0.000	0
373	370	30.35	4.58	3.2	7.03	9.55	0	0	-339	1	0	0	1	1	0	0.000	0
374	371	30.43	4.42	3.2	6.98	9.52	0	0	-301	1	0	0	1	1	0	0.000	0
375	372	30.51	4.45	3.2	6.86	9.49	0	0	-315	1	0	0	1	1	0	0.000	0
376	373	30.59	4.6	3.3	6.69	9.11	0	0	-266	1	0	0	1	1	0	0.000	0
377	374	30.68	4.72	3.3	6.55	8.92	0	0	-213	1	0	0	1	1	0	0.000	0
378	375	30.76	4.61	3.3	6.54	8.98	0	0	-279	1	0	0	1	1	0	0.000	0
379	376	30.84	4.34	3.2	6.6	9.09	0	0	-302	1	0	0	1	1	0	0.000	0
380	377	30.92	4.27	3.2	6.64	9.14	0	0	-283	1	0	0	1	1	0	0.000	0
381	378	31	4.38	3.2	6.67	9.15	0	0	-308	1	0	0	1	1	0	0.000	0
382	379	31.09	4.57	3.2	6.77	9.22	0	0	-353	1	0	0	1	1	0	0.000	0
383	380	31.17	4.61	3.2	6.86	9.48	0	0	-358	1	0	0	1	1	0	0.000	0
384	381	31.25	4.67	3.2	6.85	9.45	0	0	-377	1	0	0	1	1	0	0.000	0
385	382	31.33	4.7	3.3	6.69	9.16	0	0	-397	1	0	0	1	1	0	0.000	0
386	383	31.41	4.69	3.3	6.47	8.98	0	0	-408	1	0	0	1	1	0	0.000	0
387	384	31.5	4.49	3.3	6.29	8.69	0	0	-358	1	0	0	1	1	0	0.000	0
388	385	31.58	4.24	3.3	6.05	8.51	0	0	-304	1	0	0	1	1	0	0.000	0
389	386	31.66	3.95	3.3	5.78	8.13	0	0	-250	1	0	0	1	1	0	0.000	0
390	387	31.74	3.62	3.3	5.51	7.71	0	0	-198	1	0	0	1	1	0	0.000	0
391	388	31.82	3.3	3.3	5.27	7.51	0	0	-156	1	0	0	1	1	0	0.000	0
392	389	31.91	3.06	3.2	5.14	7.23	0	0	-129	1	0	0	1	1	0	0.000	0
393	390	31.99	2.88	3.2	5.1	7.15	0	0	-111	1	0	1	1	1	0	0.000	0
394	391	32.07	2.83	3.2	5.19	7.24	0	0	-105	1	0	1	1	1	0	0.000	0
395	392	32.15	2.93	3.2	5.42	7.4	0	0	-111	1	0	1	1	1	0	0.000	0
396	393	32.23	3.24	3.2	5.67	7.83	0	0	-140	1	0	0	1	1	0	0.000	0
397	394	32.32	3.59	3.2	5.92	8	0	0	-181	1	0	0	1	1	0	0.000	0
398	395	32.4	3.84	3.2	6.11	8.17	0	0	-217	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	4.04	3.2	6.24	8.43	0	0	-251	1	0	0	1	1	0	0.000	0
400	397	32.56	4.17	3.2	6.3	8.54	0	0	-276	1	0	0	1	1	0	0.000	0
401	398	32.64	4.21	3.2	6.33	8.5	0	0	-284	1	0	0	1	1	0	0.000	0
402	399	32.73	4.12	3.2	6.36	8.65	0	0	-262	1	0	0	1	1	0	0.000	0
403	400	32.81	4.01	3.2	6.38	8.74	0	0	-239	1	0	0	1	1	0	0.000	0
404	401	32.89	3.91	3.2	6.3	8.61	0	0	-223	1	0	0	1	1	0	0.000	0
405	402	32.97	3.82	3.2	6.17	8.42	0	0	-211	1	0	0	1	1	0	0.000	0
406	403	33.05	3.78	3.2	6.05	8.26	0	0	-208	1	0	0	1	1	0	0.000	0
407	404	33.14	3.76	3.2	5.96	8.14	0	0	-208	1	0	0	1	1	0	0.000	0
408	405	33.22	3.74	3.2	5.91	8.08	0	0	-206	1	0	0	1	1	0	0.000	0
409	406	33.3	3.71	3.2	5.92	8.06	0	0	-200	1	0	0	1	1	0	0.000	0
410	407	33.38	3.76	3.2	5.93	8.11	0	0	-209	1	0	0	1	1	0	0.000	0
411	408	33.46	3.92	3.3	5.91	8.07	0	0	-239	1	0	0	1	1	0	0.000	0
412	409	33.55	4.07	3.3	5.83	7.95	0	0	-274	1	0	0	1	1	0	0.000	0
413	410	33.63	4.1	3.3	5.75	7.89	0	0	-284	1	0	0	1	1	0	0.000	0
414	411	33.71	3.97	3.3	5.72	7.83	0	0	-256	1	0	0	1	1	0	0.000	0
415	412	33.79	3.76	3.3	5.72	7.9	0	0	-215	1	0	0	1	1	0	0.000	0
416	413	33.87	3.59	3.2	5.71	7.88	0	0	-87	1	0	0	1	1	0	0.000	0
417	414	33.96	3.49	3.2	5.67	7.76	0	0	-73	1	0	0	1	1	0	0.000	0
418	415	34.04	3.32	3.2	5.63	7.69	0	0	-11	1	0	0	1	1	0	0.000	0
419	416	34.12	3.06	3.2	5.6	7.69	0	0	-12	1	0	0	1	1	0	0.000	0
420	417	34.2	2.93	3.2	5.59	7.63	0	0	-08	1	0	1	1	1	0	0.000	0
421	418	34.28	2.99	3.2	5.61	7.62	0	0	-114	1	0	1	1	1	0	0.000	0
422	419	34.37	3.13	3.2	5.67	7.75	0	0	-127	1	0	0	1	1	0	0.000	0
423	420	34.45	3.15	3.2	5.78	7.78	0	0	-127	1	0	0	1	1	0	0.000	0
424	421	34.53	3.16	3.2	5.79	7.99	0	0	-128	1	0	0	1	1	0	0.000	0
425	422	34.61	3.22	3.2	5.74	7.81	0	0	-136	1	0	0	1	1	0	0.000	0
426	423	34.69	3.32	3.2	5.65	7.65	0	0	-150	1	0	0	1	1	0	0.000	0
427	424	34.78	3.37	3.2	5.74	7.66	0	0	-155	1	0	0	1	1	0	0.000	0
428	425	34.86	3.45	3.2	5.93	8.04	0	0	-161	1	0	0	1	1	0	0.000	0
429	426	34.94	3.56	3.2	6.15	8.29	0	0	-171	1	0	0	1	1	0	0.000	0
430	427	35.02	3.83	3.2	6.24	8.48	0	0	-211	1	0	0	1	1	0	0.000	0
431	428	35.1	4.02	3.2	6.31	8.45	0	0	-244	1	0	0	1	1	0	0.000	0
432	429	35.19	4.07	3.2	6.43	8.74	0	0	-249	1	0	0	1	1	0	0.000	0
433	430	35.27	3.77	3.2	6.82	9.09	0	0	-182	1	0	0	1	1	0	0.000	0
434	431	35.35	3.45	3.1	7.52	10.03	0	0	-122	1	0	0	1	1	0	0.000	0
435	432	35.43	3.28	3.1	8.27	11.32	0	0	-90	1	0	0	1	1	0	0.000	0
436	433	35.51	3.43	3.1	8.71	11.91	0	0	-91	1	0	0	1	1	0	0.000	0
437	434	35.6	3.88	3.1	8.78	11.83	0	0	-131	1	0	0	1	1	0	0.000	0
438	435	35.68	4.31	3.1	8.72	11.8	0	0	-189	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	4.33	3.1	8.72	11.81	0	0	-192	1	0	0	1	1	0	0.000	0
440	437	35.84	4.1	3.1	8.64	11.85	0	0	-162	1	0	0	1	1	0	0.000	0
441	438	35.92	3.82	3.1	8.31	11.41	0	0	-140	1	0	0	1	1	0	0.000	0
442	439	36.01	3.75	3.2	7.68	10.57	0	0	-152	1	0	0	1	1	0	0.000	0
443	440	36.09	3.79	3.2	6.83	9.53	0	0	-185	1	0	0	1	1	0	0.000	0
444	441	36.17	3.61	3.2	6.16	8.24	0	0	-178	1	0	0	1	1	0	0.000	0
445	442	36.25	3.13	3.2	5.89	7.82	0	0	-123	1	0	0	1	1	0	0.000	0
446	443	36.33	2.78	3.1	6.54	8.12	0	0	-82	1	0	1	1	1	0	0.000	0
447	444	36.42	2.59	3.0	8.53	10.28	0	0	-46	1	0	1	1	1	0	0.000	0
448	445	36.5	2.65	2.9	11	15.06	0	0	-18	1	0	1	1	1	0	0.000	0
449	446	36.58	2.66	2.9	12.64	17.76	0	0	2	1	0	1	1	1	0	0.000	0
450	447	36.66	2.96	2.9	12.22	17.47	0	0	-5	1	0	1	1	1	0	0.000	0
451	448	36.74	3.57	3.0	10.45	14.42	0	0	-56	1	0	0	1	1	0	0.000	0
452	449	36.83	4.34	3.2	8.45	11.51	0	0	-207	1	0	0	1	1	0	0.000	0
453	450	36.91	4.85	3.3	6.94	9.8	0	0	-427	1	0	0	1	1	0	0.000	0
454	451	36.99	4.58	3.3	6.22	8.43	0	0	-389	1	0	0	1	1	0	0.000	0
455	452	37.07	4.14	3.3	6.1	8.39	0	0	-278	1	0	0	1	1	0	0.000	0
456	453	37.16	3.72	3.2	6.41	8.83	0	0	-87	1	0	0	1	1	0	0.000	0
457	454	37.24	3.59	3.2	6.68	9.23	0	0	-60	1	0	0	1	1	0	0.000	0
458	455	37.32	3.44	3.2	6.8	9.23	0	0	-1[illegible]9	1	0	0	1	1	0	0.000	0
459	456	37.4	3.39	3.2	6.85	9.28	0	0	-132	1	0	0	1	1	0	0.000	0
460	457	37.48	3.41	3.2	6.9	9.43	0	0	-133	1	0	0	1	1	0	0.000	0
461	458	37.57	3.53	3.2	6.97	9.43	0	0	-145	1	0	0	1	1	0	0.000	0
462	459	37.65	3.72	3.2	7	9.53	0	0	-169	1	0	0	1	1	0	0.000	0
463	460	37.73	4	3.2	7.06	9.63	0	0	-211	1	0	0	1	1	0	0.000	0
464	461	37.81	4.31	3.2	7.08	9.75	0	0	-270	1	0	0	1	1	0	0.000	0
465	462	37.89	4.54	3.2	7.12	9.81	0	0	-323	1	0	0	1	1	0	0.000	0
466	463	37.98	4.66	3.2	7.12	9.94	0	0	-356	1	0	0	1	1	0	0.000	0
467	464	38.06	4.65	3.2	7.07	9.9	0	0	-356	1	0	0	1	1	0	0.000	0
468	465	38.14	4.63	3.2	6.93	9.79	0	0	-360	1	0	0	1	1	0	0.000	0
469	466	38.22	4.58	3.2	6.73	9.56	0	0	-358	1	0	0	1	1	0	0.000	0
470	467	38.3	4.51	3.3	6.5	9.25	0	0	-352	1	0	0	1	1	0	0.000	0
471	468	38.39	4.4	3.3	6.3	8.93	0	0	-333	1	0	0	1	1	0	0.000	0
472	469	38.47	4.31	3.3	6.12	8.77	0	0	-318	1	0	0	1	1	0	0.000	0
473	470	38.55	4.26	3.3	5.98	8.49	0	0	-312	1	0	0	1	1	0	0.000	0
474	471	38.63	4.21	3.3	5.91	8.31	0	0	-303	1	0	0	1	1	0	0.000	0
475	472	38.71	4.09	3.3	5.97	8.38	0	0	-272	1	0	0	1	1	0	0.000	0
476	473	38.8	3.94	3.2	6.15	8.59	0	0	-234	1	0	0	1	1	0	0.000	0
477	474	38.88	3.79	3.2	6.34	8.85	0	0	-201	1	0	0	1	1	0	0.000	0
478	475	38.96	3.77	3.2	6.45	9.01	0	0	-194	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	3.71	3.2	6.43	9.01	0	0	-185	1	0	0	1	1	0	0.000	0
480	477	39.12	3.67	3.2	6.26	8.84	0	0	-184	1	0	0	1	1	0	0.000	0
481	478	39.21	3.53	3.2	6.03	8.47	0	0	-170	1	0	0	1	1	0	0.000	0
482	479	39.29	3.5	3.2	5.85	8.23	0	0	-170	1	0	0	1	1	0	0.000	0
483	480	39.37	3.34	3.2	5.83	8.11	0	0	-149	1	0	0	1	1	0	0.000	0
484	481	39.45	3.04	3.2	5.96	8.25	0	0	-113	1	0	0	1	1	0	0.000	0
485	482	39.53	2.64	3.1	6.18	8.55	0	0	-77	1	0	1	1	1	0	0.000	0
486	483	39.62	2.37	3.1	6.39	8.86	0	0	-59	1	0	1	1	1	0	0.000	0
487	484	39.7	2.15	3.1	6.5	9.01	0	0	-47	1	0	1	1	1	0	0.000	0
488	485	39.78	2.03	3.1	6.55	8.94	0	0	-42	1	0	1	1	1	0	0.000	0
489	486	39.86	2.23	3.1	6.65	8.97	0	0	-49	1	0	1	1	1	0	0.000	0
490	487	39.94	3.06	3.1	7.14	9.3	0	0	-94	1	0	0	1	1	0	0.000	0
491	488	40.03	3.76	3.1	9.2	10.73	0	0	-105	1	0	0	1	1	0	0.000	0
492	489	40.11	3.76	2.9	14.11	16.84	0	0	51	1	0	0	1	1	0	0.000	0
493	490	40.19	3.57	2.8	19.57	28.91	0	0	192	1	0	0	0	1	0	0.000	0
494	491	40.27	3.85	2.8	23.57	33.19	0	0	379	1	0	0	0	1	0	0.000	0
495	492	40.35	4.42	2.8	23.9	33.69	0	0	622	1	0	0	0	1	0	0.000	0
496	493	40.44	5.27	2.9	22.24	31.59	0	0	[illegible]	1	0	0	0	1	0	0.000	0
497	494	40.52	5.56	2.9	20.97	26.88	0	0	[illegible]	1	0	0	0	1	0	0.000	0
498	495	40.6	5.1	2.9	21.7	28.53	0	0	[illegible]	1	0	0	0	1	0	0.000	0
499	496	40.68	4.62	2.8	23.4	34.42	0	0	[illegible]	1	0	0	0	1	0	0.000	0
500	497	40.76	4.65	2.8	23.44	33.87	0	0	[illegible]	1	0	0	0	1	0	0.000	0
501	498	40.85	4.94	2.9	22.48	28.89	0	0	824	1	0	0	0	1	0	0.000	0
502	499	40.93	5.05	2.9	20.56	30.68	0	0	725	1	0	0	0	1	0	0.000	0
503	500	41.01	4.74	2.9	18.73	26.22	0	0	439	1	0	0	0	1	0	0.000	0
504	501	41.09	4.34	2.9	15.6	21.57	0	0	158	1	0	0	0	1	0	0.000	0
505	502	41.17	3.88	3.0	13.05	18.17	0	0	19	1	0	0	1	1	0	0.000	0
506	503	41.26	3.85	3.0	10.66	15.95	0	0	-63	1	0	0	1	1	0	0.000	0
507	504	41.34	4.36	3.1	8.61	12.05	0	0	-202	1	0	0	1	1	0	0.000	0
508	505	41.42	5.27	3.3	6.81	10.05	0	0	-608	1	0	0	1	1	0	0.000	0
509	506	41.5	5.48	3.3	5.85	8.82	0	0	-835	1	0	0	1	1	0	0.000	0
510	507	41.58	5.04	3.4	5.32	8.17	0	0	-641	1	0	0	1	1	0	0.000	0
511	508	41.67	4.22	3.3	5.04	7.85	0	0	-346	1	0	0	1	1	0	0.000	0
512	509	41.75	3.5	3.3	4.89	7.56	0	0	-194	1	0	0	1	1	0	0.000	0
513	510	41.83	3.13	3.3	4.79	7.38	0	0	-144	1	0	0	1	1	0	0.000	0
514	511	41.91	2.98	3.3	4.73	7.2	0	0	-127	1	0	1	1	1	0	0.000	0
515	512	41.99	2.97	3.3	4.72	7.12	0	0	-126	1	0	1	1	1	0	0.000	0
516	513	42.08	2.97	3.3	4.74	7.09	0	0	-126	1	0	1	1	1	0	0.000	0
517	514	42.16	2.94	3.3	4.77	7.09	0	0	-122	1	0	1	1	1	0	0.000	0
518	515	42.24	2.88	3.3	4.78	7.08	0	0	-116	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	2.79	3.3	4.76	7.05	0	0	-108	1	0	1	1	1	0	0.000	0
520	517	42.4	2.71	3.3	4.72	6.94	0	0	-101	1	0	1	1	1	0	0.000	0
521	518	42.49	2.71	3.3	4.71	6.9	0	0	-101	1	0	1	1	1	0	0.000	0
522	519	42.57	2.75	3.2	4.96	6.99	0	0	-101	1	0	1	1	1	0	0.000	0
523	520	42.65	2.9	3.2	5.48	7.87	0	0	-107	1	0	1	1	1	0	0.000	0
524	521	42.73	2.99	3.2	6.3	8.83	0	0	-102	1	0	1	1	1	0	0.000	0
525	522	42.81	3.15	3.1	6.94	10.21	0	0	-105	1	0	0	1	1	0	0.000	0
526	523	42.9	3.35	3.1	7.34	10.49	0	0	-116	1	0	0	1	1	0	0.000	0
527	524	42.98	3.67	3.2	7.43	10.63	0	0	-149	1	0	0	1	1	0	0.000	0
528	525	43.06	4.02	3.2	7.52	10.78	0	0	-196	1	0	0	1	1	0	0.000	0
529	526	43.14	4.25	3.2	7.68	10.95	0	0	-229	1	0	0	1	1	0	0.000	0
530	527	43.22	4.34	3.2	7.83	11.34	0	0	-239	1	0	0	1	1	0	0.000	0
531	528	43.31	4.35	3.2	7.91	11.49	0	0	-237	1	0	0	1	1	0	0.000	0
532	529	43.39	4.45	3.2	7.83	11.4	0	0	-261	1	0	0	1	1	0	0.000	0
533	530	43.47	4.58	3.2	7.63	11.14	0	0	-302	1	0	0	1	1	0	0.000	0
534	531	43.55	4.68	3.2	7.4	10.79	0	0	-343	1	0	0	1	1	0	0.000	0
535	532	43.63	4.68	3.2	7.16	10.48	0	0	-359	1	0	0	1	1	0	0.000	0
536	533	43.72	4.7	3.2	6.94	10.18	0	0	-379	1	0	0	1	1	0	0.000	0
537	534	43.8	4.71	3.3	6.78	9.84	0	0	-394	1	0	0	1	1	0	0.000	0
538	535	43.88	4.51	3.2	6.66	9.83	0	0	-372	1	0	0	1	1	0	0.000	0
539	536	43.96	4.27	3.2	6.68	9.67	0	0	-281	1	0	0	1	1	0	0.000	0
540	537	44.04	4.03	3.2	6.76	9.88	0	0	-228	1	0	0	1	1	0	0.000	0
541	538	44.13	4.16	3.2	6.92	10.11	0	0	-246	1	0	0	1	1	0	0.000	0
542	539	44.21	4.44	3.2	7.05	10.34	0	0	-302	1	0	0	1	1	0	0.000	0
543	540	44.29	4.76	3.2	7.16	10.44	0	0	-382	1	0	0	1	1	0	0.000	0
544	541	44.37	5.06	3.2	7.24	10.54	0	0	-477	1	0	0	1	1	0	0.000	0
545	542	44.45	5.39	3.3	7.2	10.67	0	0	-621	1	0	0	1	1	0	0.000	0
546	543	44.54	5.72	3.3	7.1	10.38	0	0	-814	1	0	0	1	1	0	0.000	0
547	544	44.62	5.89	3.3	6.98	10.31	0	0	-947	1	0	0	1	1	0	0.000	0
548	545	44.7	5.85	3.3	7.01	10.3	0	0	-914	1	0	0	1	1	0	0.000	0
549	546	44.78	5.84	3.3	7.02	10.55	0	0	-905	1	0	0	1	1	0	0.000	0
550	547	44.86	5.87	3.3	7.03	10.42	0	0	-924	1	0	0	1	1	0	0.000	0
551	548	44.95	5.95	3.3	6.94	10.36	0	0	-998	1	0	0	1	1	0	0.000	0
552	549	45.03	5.98	3.3	6.84	10.26	0	0	-1039	1	0	0	1	1	0	0.000	0
553	550	45.11	6.09	3.3	6.68	10.1	0	0	-1160	1	0	0	1	1	0	0.000	0
554	551	45.19	6.11	3.3	6.48	9.81	0	0	-1218	1	0	0	1	1	0	0.000	0
555	552	45.27	5.82	3.3	6.27	9.52	0	0	-1013	1	0	0	1	1	0	0.000	0
556	553	45.36	5.33	3.3	6.01	9.26	0	0	-726	1	0	0	1	1	0	0.000	0
557	554	45.44	4.75	3.3	5.75	8.81	0	0	-479	1	0	0	1	1	0	0.000	0
558	555	45.52	4.36	3.3	5.5	8.48	0	0	-364	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	3.9	3.3	5.4	8.19	0	0	-253	1	0	0	1	1	0	0.000	0
560	557	45.69	3.39	3.3	5.41	8.29	0	0	-165	1	0	0	1	1	0	0.000	0
561	558	45.77	2.92	3.2	5.52	8.39	0	0	-109	1	0	1	1	1	0	0.000	0
562	559	45.85	2.72	3.2	5.62	8.47	0	0	-90	1	0	1	1	1	0	0.000	0
563	560	45.93	2.77	3.2	5.68	8.53	0	0	-93	1	0	1	1	1	0	0.000	0
564	561	46.01	2.91	3.2	5.75	8.5	0	0	-104	1	0	1	1	1	0	0.000	0
565	562	46.1	3.01	3.2	5.86	8.63	0	0	-112	1	0	0	1	1	0	0.000	0
566	563	46.18	3.1	3.2	6.03	8.87	0	0	-118	1	0	0	1	1	0	0.000	0
567	564	46.26	3.26	3.2	6.18	9.07	0	0	-132	1	0	0	1	1	0	0.000	0
568	565	46.34	3.54	3.2	6.34	9.2	0	0	-163	1	0	0	1	1	0	0.000	0
569	566	46.42	3.84	3.2	6.56	9.47	0	0	-202	1	0	0	1	1	0	0.000	0
570	567	46.51	4.05	3.2	6.84	9.91	0	0	-228	1	0	0	1	1	0	0.000	0
571	568	46.59	3.72	3.2	7.15	10.31	0	0	-164	1	0	0	1	1	0	0.000	0
572	569	46.67	3.28	3.1	7.48	10.73	0	0	-106	1	0	0	1	1	0	0.000	0
573	570	46.75	3.06	3.1	7.79	11.34	0	0	-83	1	0	0	1	1	0	0.000	0
574	571	46.83	3.35	3.1	8.04	11.72	0	0	-100	1	0	0	1	1	0	0.000	0
575	572	46.92	4.26	3.2	8.09	11.85	0	0	-211	1	0	0	1	1	0	0.000	0
576	573	47	4.67	3.1	10.15	11.73	0	0	[illegible]	1	0	0	1	1	0	0.000	0
577	574	47.08	2.83	2.7	22.59	20.05	0	0	45	1	0	1	0	1	0	0.000	0
578	575	47.16	1.69	2.3	52.52	64.52	0	0	2[illegible]	1	1	1	0	1	0	0.000	0
579	576	47.24	1.2	2.0	87.51	123.64	0	0	24[illegible]	1	1	1	0	1	0	0.000	0
580	577	47.33	1.04	1.9	114.19	139.77	0	0	[illegible]	1	1	1	0	1	0	0.000	0
581	578	47.41	1.07	1.9	125.37	155.34	0	0.05	325	1	1	1	0	1	0	0.000	0
582	579	47.49	1.1	1.9	131.93	162.33	0	0.05	354	0	1	1	0	1	0	0.000	0
583	580	47.57	1.13	1.9	134.98	165.41	0	0.04	374	0	1	1	0	1	0	0.000	0
584	581	47.65	1.09	1.8	143.12	166.96	0	[illegible]05	383	0	1	1	0	1	0	0.000	0
585	582	47.74	1.03	1.8	152.48	191.1	0	0.0[illegible]	388	0	1	1	0	1	0	0.000	0
586	583	47.82	0.97	1.8	161.61	198.12	0	0	390	0	1	1	0	1	0	0.000	0
587	584	47.9	0.87	1.7	166.92	199.28	0	0	367	0	1	1	0	1	0	0.000	0
588	585	47.98	0.86	1.7	169.45	206.97	0	0	369	0	1	1	0	1	0	0.000	0
589	586	48.06	0.86	1.7	172.03	207.84	0	0	375	0	1	1	0	1	0	0.000	0
590	587	48.15	0.84	1.7	176.27	209.81	0	0	378	0	1	1	0	1	0	0.000	0
591	588	48.23	0.77	1.6	179.59	223.62	0	0	360	0	1	1	0	1	0	0.000	0
592	589	48.31	0.67	1.6	184.01	216.2	0	0	335	0	1	1	0	1	0	0.000	0
593	590	48.39	0.68	1.6	180.16	219.71	0	0	331	0	1	1	0	1	0	0.000	0
594	591	48.47	0.61	1.6	180.15	209.11	0	0	309	0	1	1	0	1	0	0.000	0
595	592	48.56	0.52	1.5	181.72	211.01	0	0	285	0	1	1	0	1	0	0.000	0
596	593	48.64	0.36	1.4	190.01	216.85	0	0	255	0	1	1	0	1	0	0.000	0
597	594	48.72	0.28	1.4	197.41	222.74	0	0	245	0	1	1	0	1	0	0.000	0
598	595	48.8	0.27	1.3	200	227.77	0	0	246	0	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	0.29	1.4	198.72	224.95	0	0	250	0	1	1	0	1	0	0.000	0
600	597	48.97	0.33	1.4	192.26	220.54	0	0	251	0	1	1	0	1	0	0.000	0
601	598	49.05	0.4	1.5	187.37	210.68	0	0	262	0	1	1	0	1	0	0.000	0
602	599	49.13	0.45	1.5	188.88	215.51	0	0	277	0	1	1	0	1	0	0.000	0
603	600	49.21	0.49	1.5	195.58	232.65	0	0	300	0	1	1	0	1	0	0.000	0
604	601	49.29	0.52	1.5	204.13	242.56	0	0	323	0	1	1	0	1	0	0.000	0
605	602	49.38	0.56	1.5	210.25	252.88	0	0	347	0	1	1	0	1	0	0.000	0
606	603	49.46	0.53	1.5	218.5	261.57	0	0	351	0	1	1	0	1	0	0.000	0
607	604	49.54	0.58	1.5	225.34	268.71	0	0	381	0	1	1	0	1	0	0.000	0
608	605	49.62	0.71	1.5	237.13	280.54	0	0	457	0	1	1	0	1	0	0.000	0
609	606	49.7	0.76	1.5	250.55	314.44	0	0	508	0	1	1	0	1	0	0.000	0
610	607	49.79	0.79	1.5	265.73	318.39	0	0	556	0	1	1	0	1	0	0.000	0
611	608	49.87	0.81	1.5	260.2	334.83	0	0	555	0	1	1	0	1	0	0.000	0
612	609	49.95	0.93	1.6	248.79	297.66	0	0	595	0	1	1	0	1	0	0.000	0
613	610	50.03	1.03	1.7	229.99	292.07	0	0	603	0	1	1	0	1	0	0.000	0
614	611	50.11	0.95	1.6	222.8	278.19	0	0	540	0	1	1	0	1	0	0.000	0
615	612	50.2	0.81	1.6	218.75	267.78	0	0	462	0	1	1	0	1	0	0.000	0
616	613	50.28	0.64	1.5	219.48	267.88	0	0	403	0	1	1	0	1	0	0.000	0
617	614	50.36	0.52	1.5	224.95	265.68	0	0	358	0	1	1	0	1	0	0.000	0
618	615	50.44	0.33	1.3	231.73	274.06	0	0	316	0	1	1	0	1	0	0.000	0
619	616	50.52	0.15	1.2	239.97	263.82	0	0	265	0	1	1	0	1	0	0.000	0
620	617	50.61	0	4.1	152.28	257.91	0	0	140	0	0	1	0	1	0	0.000	0
621	618	50.69	0	4.1	142.35	252.95	0	0	130	0	0	1	0	1	0	0.000	0
622	619	50.77	0	4.1	133.6	214.02	0	0	121	0	0	1	0	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

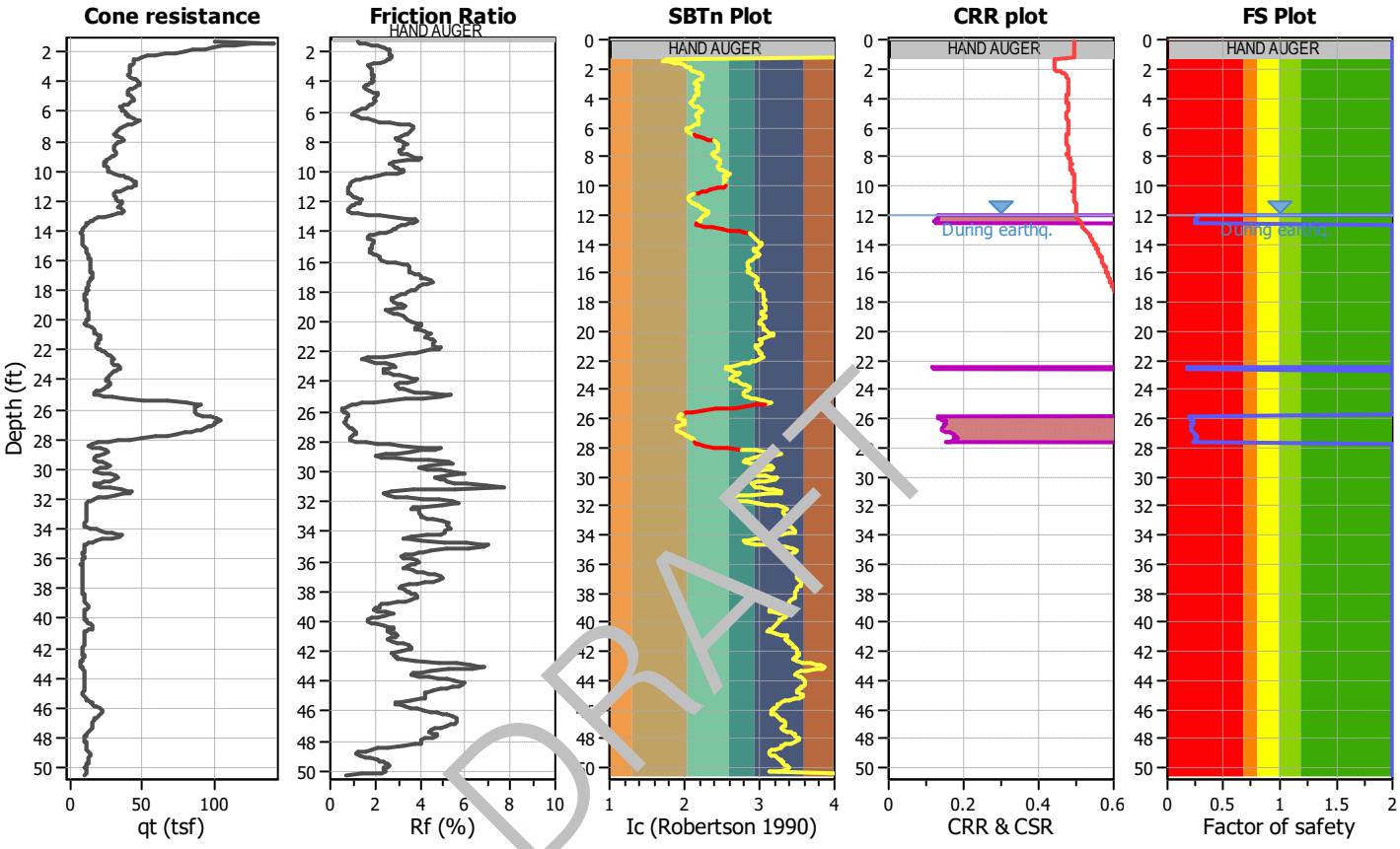
LIQUEFACTION ANALYSIS REPORT

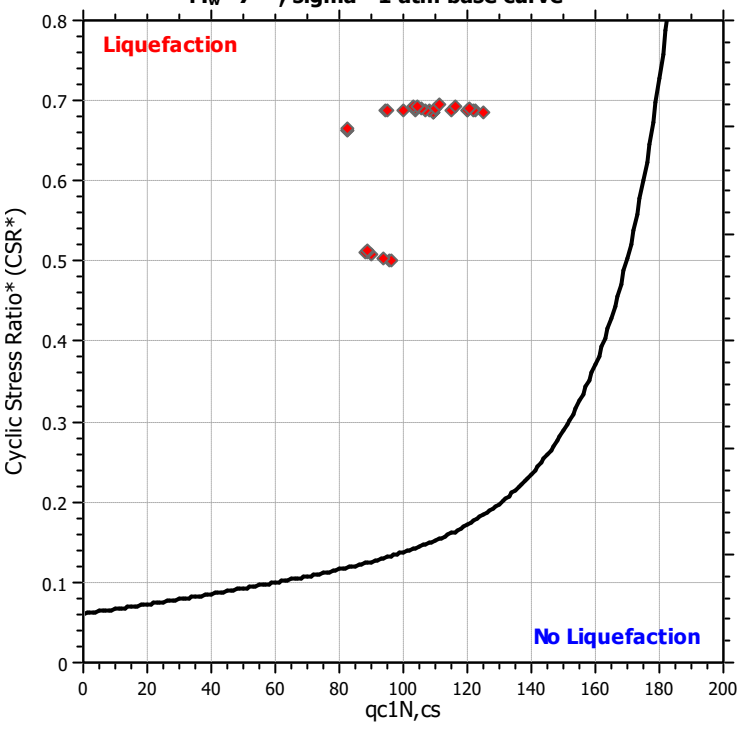
Project title : **Location :**

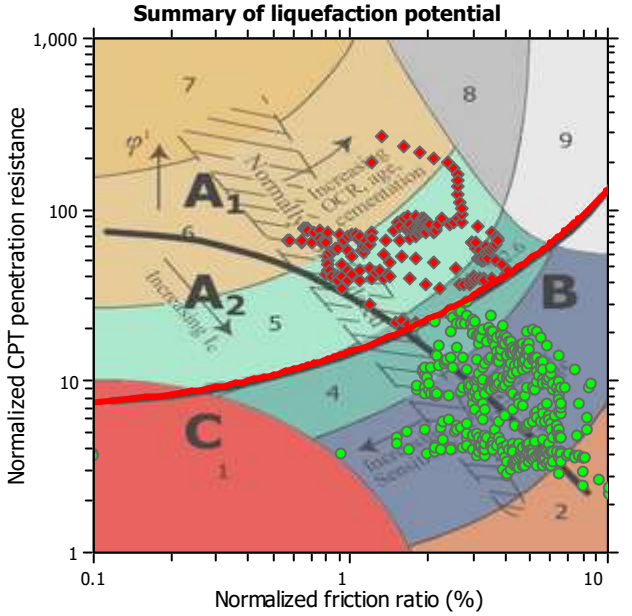
CPT file : CPT-28

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

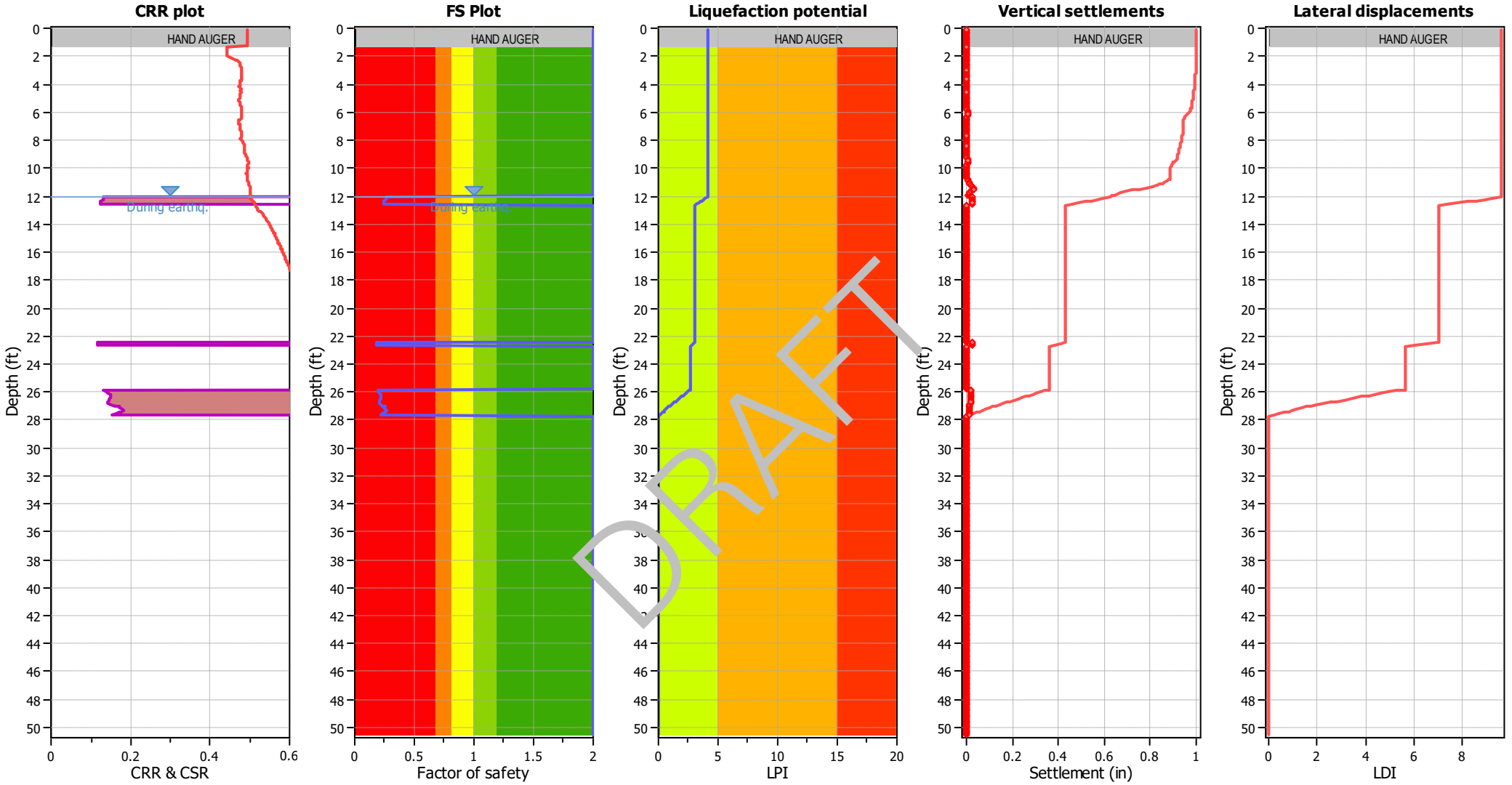






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-28, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.650	0.14
19	16	1.31	1.2	1.8	190.08	261.98	0	0	575	0	1	1	0	1	0	0.650	0.14
20	17	1.39	1.32	1.7	267.91	223.02	0	0	933	0	1	1	0	1	0	0.650	0.14
21	18	1.48	1.6	1.8	236.46	198.45	0	0	1064	0	1	1	0	1	0	0.650	0.14
22	19	1.56	1.86	1.9	215.15	181.8	0	0	1224	0	1	1	0	1	0	0.650	0.14
23	20	1.64	2.11	1.9	200.2	168.7	0	0	1424	0	1	1	0	1	0	0.650	0.14
24	21	1.72	2.37	2.0	187.49	160.36	0	0	1677	0	1	1	0	1	0	0.650	0.14
25	22	1.8	2.53	2.0	175.99	149.41	0	0	1807	1	1	1	0	1	0	0.650	0.14
26	23	1.89	2.62	2.1	162.24	139.42	0	0	1792	1	1	1	0	1	0	0.650	0.14
27	24	1.97	2.63	2.1	149.56	125.35	0	0	1655	1	1	1	0	1	0	0.650	0.14
28	25	2.05	2.61	2.1	136.75	117.12	0	0	1474	1	1	1	0	1	0	0.650	0.14
29	26	2.13	2.6	2.1	124.53	106.81	0	0	1317	1	1	1	0	1	0	0.650	0.14
30	27	2.21	2.65	2.2	111.76	94.24	0	0	1220	1	1	1	0	1	0	0.650	0.14
31	28	2.3	2.69	2.2	101.11	84.63	0	0	1128	1	1	1	0	1	0	0.650	0.14
32	29	2.38	2.69	2.2	93.36	79.71	0	0	1029	1	1	1	0	1	0	0.650	0.14
33	30	2.46	2.61	2.2	88	74.53	0	0	895	1	1	1	0	1	0	0.650	0.14
34	31	2.54	2.53	2.2	84.18	71	0	0	792	1	1	1	0	1	0	0.650	0.14
35	32	2.62	2.43	2.2	82.64	70.04	0	0	709	1	1	1	0	1	0	0.650	0.14
36	33	2.71	2.16	2.2	82.09	70.65	0	0	552	1	1	1	0	1	0	0.650	0.14
37	34	2.79	1.91	2.2	81.81	69.62	0	0	438	1	1	1	0	1	0	0.650	0.14
38	35	2.87	1.7	2.1	80.61	69.38	0	0	355	1	1	1	0	1	0	0.650	0.14

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.71	2.1	78.83	67.62	0	0	349	1	1	1	0	1	0	0.650	0.14
40	37	3.03	1.76	2.2	77.33	65.11	0	0	357	1	1	1	0	1	0	0.650	0.14
41	38	3.12	1.85	2.2	76.6	65.47	0	0	384	1	1	1	0	1	0	0.650	0.14
42	39	3.2	1.87	2.2	77.49	65.67	0	0	396	1	1	1	0	1	0	0.650	0.14
43	40	3.28	1.86	2.2	78.24	67.32	0	0	397	1	1	1	0	1	0	0.650	0.14
44	41	3.36	1.82	2.2	78.37	67.4	0	0	384	1	1	1	0	1	0	0.650	0.14
45	42	3.44	1.83	2.2	77.26	66.02	0	0	381	1	1	1	0	1	0	0.650	0.14
46	43	3.53	1.89	2.2	75.83	64.53	0	0	393	1	1	1	0	1	0	0.650	0.14
47	44	3.61	1.93	2.2	75.57	63.77	0	0	406	1	1	1	0	1	0	0.650	0.14
48	45	3.69	1.9	2.2	78.18	65.39	0	0	412	1	1	1	0	1	0	0.650	0.14
49	46	3.77	1.88	2.2	82.37	71.22	0	0	430	1	1	1	0	1	0	0.650	0.14
50	47	3.85	1.88	2.1	86.29	74.47	0	0	454	1	1	1	0	1	0	0.650	0.14
51	48	3.94	1.93	2.1	88.09	75.4	0	0	487	1	1	1	0	1	0	0.650	0.14
52	49	4.02	1.89	2.1	88.99	75.84	0	0	475	1	1	1	0	1	0	0.650	0.14
53	50	4.1	1.8	2.1	90.62	76.78	0	0	447	1	1	1	0	1	0	0.650	0.14
54	51	4.18	1.68	2.1	90.41	79.59	0	0	399	1	1	1	0	1	0	0.650	0.14
55	52	4.26	1.6	2.1	88.11	75.31	0	0	359	1	1	1	0	1	0	0.650	0.14
56	53	4.35	1.53	2.1	84.62	70.94	0	0	[illegible]	1	1	1	0	1	0	0.650	0.14
57	54	4.43	1.56	2.1	80.31	70.71	0	0	10	1	1	1	0	1	0	0.650	0.14
58	55	4.51	1.63	2.1	77.36	64.37	0	0	3[illegible]7	1	1	1	0	1	0	0.650	0.14
59	56	4.59	1.81	2.2	74.73	63.43	0	0	35[illegible]	1	1	1	0	1	0	0.650	0.14
60	57	4.68	1.95	2.2	74.46	64.04	0	0	406	1	1	1	0	1	0	0.650	0.14
61	58	4.76	2.1	2.2	74.42	63.69	0	0	466	1	1	1	0	1	0	0.650	0.14
62	59	4.84	2.16	2.2	75.06	63.35	0	0	497	1	1	1	0	1	0	0.650	0.14
63	60	4.92	2.13	2.2	77.47	65.72	0	0	502	1	1	1	0	1	0	0.650	0.14
64	61	5	2.03	2.2	81.28	69.86	0	0	485	1	1	1	0	1	0	0.650	0.14
65	62	5.09	1.97	2.2	83.75	73.08	0	0	476	1	1	1	0	1	0	0.650	0.14
66	63	5.17	1.96	2.2	83.99	72.04	0	0	473	1	1	1	0	1	0	0.650	0.14
67	64	5.25	2.01	2.2	81.65	70.52	0	0	479	1	1	1	0	1	0	0.650	0.14
68	65	5.33	1.98	2.2	79.86	67.13	0	0	454	1	1	1	0	1	0	0.650	0.14
69	66	5.41	1.94	2.2	76.96	67.4	0	0	419	1	1	1	0	1	0	0.650	0.14
70	67	5.5	1.85	2.2	74.16	63.15	0	0	369	1	1	1	0	1	0	0.650	0.14
71	68	5.58	1.8	2.2	70.07	60.01	0	0	329	1	1	1	0	1	0	0.650	0.14
72	69	5.66	1.69	2.2	67.2	57.07	0	0	283	1	1	1	0	1	0	0.650	0.14
73	70	5.74	1.56	2.2	65.53	55.88	0	0	243	1	1	1	0	1	0	0.650	0.14
74	71	5.82	1.37	2.1	66	55.77	0	0	205	1	1	1	0	1	0	0.650	0.14
75	72	5.91	1.22	2.1	67.98	58.31	0	0	184	1	1	1	0	1	0	0.650	0.14
76	73	5.99	1.09	2.1	70.31	60.75	0	0	170	1	1	1	0	1	0	0.650	0.14
77	74	6.07	1.04	2.0	71.38	61.38	0	0	165	1	1	1	0	1	0	0.650	0.14
78	75	6.15	1	2.0	72.02	61.45	0	0	160	1	1	1	0	1	0	0.650	0.14

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
79	76	6.23	1.04	2.0	72.63	63.53	0	0	168	1	1	1	0	1	0	0.650	0.14
80	77	6.32	1.2	2.1	73.59	62.19	0	0	199	1	1	1	0	1	0	0.650	0.14
81	78	6.4	1.46	2.1	76.04	60.83	0	0	265	1	1	1	0	1	0	0.650	0.14
82	79	6.48	1.71	2.1	81.79	65.21	0	0	365	1	1	1	0	1	0	0.650	0.14
83	80	6.56	1.96	2.2	87.24	72.11	0	0	495	1	1	1	0	1	0	0.650	0.14
84	81	6.64	2.25	2.2	89.44	70.53	0	0	662	1	1	1	0	1	0	0.650	0.14
85	82	6.73	2.69	2.3	85.34	67.07	0	0	927	1	1	1	0	1	0	0.650	0.14
86	83	6.81	3.14	2.3	79.33	61.22	0	0	1257	1	1	0	0	1	0	0.650	0.14
87	84	6.89	3.52	2.4	74.15	56.65	0	0	1602	1	1	0	0	1	0	0.650	0.14
88	85	6.97	3.68	2.4	70.73	55.22	0	0	1730	1	1	0	0	1	0	0.650	0.14
89	86	7.05	3.7	2.4	68.45	53.14	0	0	1690	1	1	0	0	1	0	0.650	0.14
90	87	7.14	3.71	2.4	65.56	51.07	0	0	1617	1	1	0	0	1	0	0.650	0.14
91	88	7.22	3.69	2.5	62.85	48.44	0	0	1509	1	1	0	0	1	0	0.650	0.14
92	89	7.3	3.62	2.5	60.86	46.78	0	0	1367	1	1	0	0	1	0	0.650	0.14
93	90	7.38	3.55	2.5	59.36	46.24	0	0	1249	1	1	0	0	1	0	0.650	0.14
94	91	7.46	3.46	2.5	58.21	44.67	0	0	1129	1	1	0	0	1	0	0.650	0.14
95	92	7.55	3.34	2.4	57.03	43.79	0	0	994	1	1	0	0	1	0	0.650	0.14
96	93	7.63	3.18	2.4	58.24	44.12	0	0	[illegible]	1	1	0	0	1	0	0.650	0.14
97	94	7.71	3.07	2.4	60.28	48.46	0	0	[illegible]46	1	1	0	0	1	0	0.650	0.14
98	95	7.79	2.96	2.4	64.14	49.42	0	0	8[illegible]2	1	1	1	0	1	0	0.650	0.14
99	96	7.87	2.98	2.4	64.89	54.02	0	0	858	1	1	1	0	1	0	0.650	0.14
100	97	7.96	3.08	2.4	64.12	50.58	0	0	[illegible]22	1	1	0	0	1	0	0.650	0.14
101	98	8.04	3.33	2.4	60.84	47.52	0	0	1069	1	1	0	0	1	0	0.650	0.14
102	99	8.12	3.45	2.5	57.63	45.72	0	0	1105	1	1	0	0	1	0	0.650	0.14
103	100	8.2	3.43	2.5	54.88	42.96	0	0	1021	1	1	0	0	1	0	0.650	0.14
104	101	8.28	3.32	2.5	52.44	41.49	0	0	876	1	1	0	0	1	0	0.650	0.14
105	102	8.37	3.26	2.5	51.05	40.66	0	0	803	1	1	0	0	1	0	0.650	0.14
106	103	8.45	3.27	2.5	50.41	40.26	0	0	797	1	1	0	0	1	0	0.650	0.14
107	104	8.53	3.24	2.5	50.59	40.29	0	0	780	1	1	0	0	1	0	0.650	0.14
108	105	8.61	3.16	2.5	51.51	41.52	0	0	746	1	1	0	0	1	0	0.650	0.14
109	106	8.69	3.13	2.5	52.69	43.04	0	0	749	1	1	0	0	1	0	0.650	0.14
110	107	8.78	3.23	2.5	53.04	43.58	0	0	824	1	1	0	0	1	0	0.650	0.14
111	108	8.86	3.44	2.5	52.04	42.38	0	0	960	1	1	0	0	1	0	0.650	0.14
112	109	8.94	3.65	2.5	50.23	40.31	0	0	1093	1	1	0	0	1	0	0.650	0.14
113	110	9.02	3.87	2.6	47.53	38.98	0	0	1219	1	1	0	0	1	0	0.650	0.14
114	111	9.1	4.09	2.6	44.58	35.65	0	0	1338	1	1	0	0	1	0	0.650	0.14
115	112	9.19	4.02	2.6	41.58	33.07	0	0	1145	1	0	0	0	1	0	0.650	0.14
116	113	9.27	3.52	2.6	39.47	32.19	0	0	701	1	1	0	0	1	0	0.650	0.14
117	114	9.35	2.92	2.5	38.24	31.77	0	0	400	1	1	1	0	1	0	0.650	0.14
118	115	9.43	2.66	2.5	37	31.53	0	0	304	1	1	1	0	1	0	0.650	0.14

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
119	116	9.51	2.74	2.5	36.51	29.88	0	0	319	1	1	1	0	1	0	0.650	0.14
120	117	9.6	2.91	2.5	36.54	30.45	0	0	371	1	1	1	0	1	0	0.650	0.14
121	118	9.68	3	2.5	38.26	31.16	0	0	429	1	1	0	0	1	0	0.650	0.14
122	119	9.76	3.09	2.5	39.79	33.89	0	0	492	1	1	0	0	1	0	0.650	0.14
123	120	9.84	3.17	2.5	40.17	34.28	0	0	534	1	1	0	0	1	0	0.650	0.14
124	121	9.92	3.3	2.6	39.34	32.39	0	0	579	1	1	0	0	1	0	0.650	0.14
125	122	10.01	3.32	2.6	39.03	32.04	0	0	582	1	1	0	0	1	0	0.650	0.14
126	123	10.09	3.03	2.5	41.1	33.83	0	0	489	1	1	0	0	1	0	0.650	0.14
127	124	10.17	2.55	2.4	45.02	38.48	0	0	366	1	1	1	0	1	0	0.650	0.14
128	125	10.25	2.1	2.4	49.34	43.53	0	0	277	1	1	1	0	1	0	0.650	0.14
129	126	10.33	1.8	2.3	52.18	46.78	0	0	227	1	1	1	0	1	0	0.650	0.14
130	127	10.42	1.57	2.2	53.54	47.6	0	0	190	1	1	1	0	1	0	0.650	0.14
131	128	10.5	1.33	2.2	54.76	48.72	0	0	156	1	1	1	0	1	0	0.650	0.14
132	129	10.58	1.12	2.1	56.53	51.88	0	0	133	1	1	1	0	1	0	0.650	0.14
133	130	10.66	0.97	2.1	58.36	54.44	0	0	120	1	1	1	0	1	0	0.650	0.14
134	131	10.74	0.9	2.1	59.39	55.53	0	0	115	1	1	1	0	1	0	0.650	0.14
135	132	10.83	0.87	2.1	59.34	55.84	0	0	111	1	1	1	0	1	0	0.650	0.14
136	133	10.91	0.85	2.1	58.36	54.91	0	0	07	1	1	1	0	1	0	0.650	0.14
137	134	10.99	0.83	2.1	56.66	53.2	0	0	01	1	1	1	0	1	0	0.650	0.14
138	135	11.07	0.82	2.1	54.03	51.37	0	0	4	1	1	1	0	1	0	0.650	0.14
139	136	11.15	0.82	2.1	51.07	47.67	0	0	87	1	1	1	0	1	0	0.650	0.14
140	137	11.24	0.82	2.1	47.46	44.87	0	0	79	1	1	1	1	1	0	0.650	0.14
141	138	11.32	0.83	2.2	43.96	41.17	0	0	72	1	1	1	1	1	0	0.650	0.14
142	139	11.4	0.84	2.2	40.96	37.75	0	0	66	1	1	1	1	1	0	0.650	0.14
143	140	11.48	0.89	2.2	39.17	36.34	0	0	65	1	1	1	1	1	0	0.650	0.14
144	141	11.56	0.97	2.2	38.8	35.92	0	0	69	1	1	1	1	1	0	0.650	0.14
145	142	11.65	1.08	2.3	39.07	36.4	0	0	77	1	1	1	1	1	0	0.650	0.14
146	143	11.73	1.21	2.3	39.67	36.68	0	0	89	1	1	1	0	1	0	0.650	0.14
147	144	11.81	1.34	2.3	39.91	37.16	0	0	102	1	1	1	0	1	0	0.650	0.14
148	145	11.89	1.41	2.3	40.46	36.73	0	0	111	1	1	1	0	1	0	0.650	0.14
149	146	11.97	1.39	2.3	41.99	38.1	0	0	115	1	1	1	0	1	0	0.650	0.14
150	147	12.06	1.3	2.3	43.99	41.62	0.03	0.34	113	1	1	1	0	1	0	0.650	0.14
151	148	12.14	1.19	2.2	45.01	42.81	0.03	0.34	105	1	1	1	0	1	0	0.620	0.14
152	149	12.22	1.09	2.2	43.79	41.59	0.03	0.35	92	1	1	1	0	1	0	0.590	0.14
153	150	12.3	1	2.2	41.85	38.86	0.03	0.38	79	1	1	1	1	1	0.03	0.560	0.14
154	151	12.38	0.92	2.2	40.47	37.95	0.03	0.4	70	1	1	1	1	1	0.03	0.530	0.11
155	152	12.47	0.84	2.2	40.7	38.22	0.03	0.4	65	1	1	1	1	1	0.03	0.500	0.08
156	153	12.55	0.8	2.2	42.05	40.07	0.03	0.4	66	1	1	1	1	1	0.03	0.470	0.05
157	154	12.63	0.81	2.2	43.73	42.18	0	0	70	1	1	1	1	1	0	0.440	0.02
158	155	12.71	0.97	2.2	44.51	43.03	0	0	84	1	1	1	0	1	0	0.440	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
159	156	12.8	1.26	2.3	43.1	41.59	0	0	106	1	1	1	0	1	0	0.440	0.02
160	157	12.88	1.69	2.4	39.81	37.1	0	0	141	1	1	1	0	1	0	0.440	0.02
161	158	12.96	2.23	2.5	34.54	32.7	0	0	186	1	1	1	0	1	0	0.440	0.02
162	159	13.04	2.88	2.6	29.13	26.13	0	0	250	1	0	1	0	1	0	0.440	0.02
163	160	13.12	3.54	2.7	24.07	21.67	0	0	306	1	0	0	0	1	0	0.440	0.02
164	161	13.21	3.96	2.8	20.57	18.62	0	0	303	1	0	0	0	1	0	0.440	0.02
165	162	13.29	4.03	2.9	18.09	16.56	0	0	222	1	0	0	0	1	0	0.440	0.02
166	163	13.37	3.92	2.9	16.22	15.05	0	0	135	1	0	0	0	1	0	0.440	0.02
167	164	13.45	3.74	2.9	14.73	13.68	0	0	70	1	0	0	1	1	0	0.440	0.02
168	165	13.53	3.54	2.9	13.62	12.65	0	0	30	1	0	0	1	1	0	0.440	0.02
169	166	13.62	3.37	2.9	12.64	12.17	0	0	3	1	0	0	1	1	0	0.440	0.02
170	167	13.7	3.27	3.0	11.81	11.12	0	0	-15	1	0	0	1	1	0	0.440	0.02
171	168	13.78	3.2	3.0	10.82	10.51	0	0	-33	1	0	0	1	1	0	0.440	0.02
172	169	13.86	3.13	3.0	10.02	9.59	0	0	-46	1	0	0	1	1	0	0.440	0.02
173	170	13.94	2.97	3.0	9.25	9.05	0	0	-53	1	0	1	1	1	0	0.440	0.02
174	171	14.03	2.7	3.0	8.57	8.5	0	0	-50	1	0	1	1	1	0	0.440	0.02
175	172	14.11	2.42	3.0	8.18	7.82	0	0	-43	1	0	1	1	1	0	0.440	0.02
176	173	14.19	2.16	3.0	8.04	8	0	0	-35	1	0	1	1	1	0	0.440	0.02
177	174	14.27	1.96	3.0	8.4	8.15	0	0	-27	1	0	1	1	1	0	0.440	0.02
178	175	14.35	1.81	2.9	8.89	8.8	0	0	-21	1	0	1	1	1	0	0.440	0.02
179	176	14.44	1.82	2.9	9.24	9.37	0	0	-19	1	0	1	1	1	0	0.440	0.02
180	177	14.52	1.95	2.9	9.17	9.15	0	0	-22	1	0	1	1	1	0	0.440	0.02
181	178	14.6	2.13	3.0	8.69	8.61	0	0	-29	1	0	1	1	1	0	0.440	0.02
182	179	14.68	2.19	3.0	8.29	8.08	0	0	-34	1	0	1	1	1	0	0.440	0.02
183	180	14.76	2.14	3.0	8.12	8.05	0	0	-34	1	0	1	1	1	0	0.440	0.02
184	181	14.85	2.06	3.0	8.34	8.13	0	0	-30	1	0	1	1	1	0	0.440	0.02
185	182	14.93	2.03	3.0	8.84	8.61	0	0	-26	1	0	1	1	1	0	0.440	0.02
186	183	15.01	2.04	2.9	9.53	9.37	0	0	-21	1	0	1	1	1	0	0.440	0.02
187	184	15.09	2	2.9	10.25	9.98	0	0	-15	1	0	1	1	1	0	0.440	0.02
188	185	15.17	1.96	2.9	10.78	10.59	0	0	-11	1	0	1	1	1	0	0.440	0.02
189	186	15.26	1.92	2.9	11.13	10.89	0	0	-9	1	0	1	1	1	0	0.440	0.02
190	187	15.34	1.94	2.8	11.42	11.03	0	0	-7	1	0	1	1	1	0	0.440	0.02
191	188	15.42	1.96	2.8	11.73	11.46	0	0	-5	1	0	1	1	1	0	0.440	0.02
192	189	15.5	2.06	2.8	11.99	11.8	0	0	-4	1	0	1	1	1	0	0.440	0.02
193	190	15.58	2.2	2.9	12.15	11.78	0	0	-3	1	0	1	1	1	0	0.440	0.02
194	191	15.67	2.34	2.9	12.36	11.95	0	0	-1	1	0	1	1	1	0	0.440	0.02
195	192	15.75	2.38	2.9	12.81	12.46	0	0	3	1	0	1	1	1	0	0.440	0.02
196	193	15.83	2.38	2.8	13.27	13.15	0	0	7	1	0	1	1	1	0	0.440	0.02
197	194	15.91	2.47	2.8	13.53	13.4	0	0	11	1	0	1	1	1	0	0.440	0.02
198	195	15.99	2.73	2.9	13.48	13.35	0	0	13	1	0	1	1	1	0	0.440	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
199	196	16.08	3.11	2.9	13.29	13.13	0	0	14	1	0	0	1	1	0	0.440	0.02
200	197	16.16	3.49	2.9	13.12	12.95	0	0	16	1	0	0	1	1	0	0.440	0.02
201	198	16.24	3.73	3.0	13.07	12.99	0	0	18	1	0	0	1	1	0	0.440	0.02
202	199	16.32	3.79	3.0	13.01	12.99	0	0	17	1	0	0	1	1	0	0.440	0.02
203	200	16.4	3.81	3.0	12.99	12.78	0	0	16	1	0	0	1	1	0	0.440	0.02
204	201	16.49	3.8	3.0	13.1	12.94	0	0	20	1	0	0	1	1	0	0.440	0.02
205	202	16.57	3.8	3.0	13.39	13.37	0	0	29	1	0	0	1	1	0	0.440	0.02
206	203	16.65	3.78	3.0	13.71	13.68	0	0	39	1	0	0	1	1	0	0.440	0.02
207	204	16.73	3.86	3.0	13.9	14.02	0	0	48	1	0	0	1	1	0	0.440	0.02
208	205	16.81	4.07	3.0	14.07	14.15	0	0	64	1	0	0	1	1	0	0.440	0.02
209	206	16.9	4.25	3.0	14.26	14.36	0	0	84	1	0	0	0	1	0	0.440	0.02
210	207	16.98	4.32	3.0	14.39	14.7	0	0	95	1	0	0	0	1	0	0.440	0.02
211	208	17.06	4.34	3.0	14.27	14.66	0	0	90	1	0	0	0	1	0	0.440	0.02
212	209	17.14	4.51	3.0	13.75	14.17	0	0	73	1	0	0	1	1	0	0.440	0.02
213	210	17.22	4.78	3.0	13.08	13.33	0	0	42	1	0	0	1	1	0	0.440	0.02
214	211	17.31	4.95	3.1	12.48	12.87	0	0	-2	1	0	0	1	1	0	0.440	0.02
215	212	17.39	4.91	3.1	11.91	12.53	0	0	-48	1	0	0	1	1	0	0.440	0.02
216	213	17.47	4.7	3.1	11.48	11.76	0	0	-70	1	0	0	1	1	0	0.440	0.02
217	214	17.55	4.46	3.1	11.12	11.69	0	0	-78	1	0	0	1	1	0	0.440	0.02
218	215	17.63	4.27	3.1	10.93	11.52	0	0	-[illegible]	1	0	0	1	1	0	0.440	0.02
219	216	17.72	4.19	3.1	10.61	11.23	0	0	-86	1	0	0	1	1	0	0.440	0.02
220	217	17.8	4.21	3.1	10.34	10.77	0	0	-99	1	0	0	1	1	0	0.440	0.02
221	218	17.88	4.11	3.1	10.29	10.78	0	0	-94	1	0	0	1	1	0	0.440	0.02
222	219	17.96	3.94	3.1	10.35	11.12	0	0	-79	1	0	0	1	1	0	0.440	0.02
223	220	18.04	3.74	3.0	10.24	10.96	0	0	-71	1	0	0	1	1	0	0.440	0.02
224	221	18.13	3.63	3.1	9.69	10.52	0	0	-80	1	0	0	1	1	0	0.440	0.02
225	222	18.21	3.48	3.1	9.05	9.56	0	0	-87	1	0	0	1	1	0	0.440	0.02
226	223	18.29	3.36	3.1	8.41	9.09	0	0	-93	1	0	0	1	1	0	0.440	0.02
227	224	18.37	3.17	3.1	8.08	8.63	0	0	-85	1	0	0	1	1	0	0.440	0.02
228	225	18.45	3.1	3.1	7.94	8.59	0	0	-83	1	0	0	1	1	0	0.440	0.02
229	226	18.54	3.03	3.1	8.11	8.65	0	0	-75	1	0	0	1	1	0	0.440	0.02
230	227	18.62	3.04	3.1	8.54	9.13	0	0	-68	1	0	0	1	1	0	0.440	0.02
231	228	18.7	3.13	3.0	9.16	9.87	0	0	-62	1	0	0	1	1	0	0.440	0.02
232	229	18.78	3.29	3.0	9.51	10.54	0	0	-64	1	0	0	1	1	0	0.440	0.02
233	230	18.86	3.51	3.1	9.53	10.3	0	0	-77	1	0	0	1	1	0	0.440	0.02
234	231	18.95	3.73	3.1	9.27	10.07	0	0	-100	1	0	0	1	1	0	0.440	0.02
235	232	19.03	3.65	3.1	9.09	9.91	0	0	-99	1	0	0	1	1	0	0.440	0.02
236	233	19.11	3.29	3.1	8.97	9.83	0	0	-75	1	0	0	1	1	0	0.440	0.02
237	234	19.19	2.88	3.0	8.99	9.76	0	0	-53	1	0	1	1	1	0	0.440	0.02
238	235	19.27	2.77	3.0	9.13	10	0	0	-46	1	0	1	1	1	0	0.440	0.02

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
239	236	19.36	2.89	3.0	9.5	10.27	0	0	-45	1	0	1	1	1	0	0.440	0.02
240	237	19.44	3.08	3.0	9.79	10.88	0	0	-48	1	0	0	1	1	0	0.440	0.02
241	238	19.52	3.29	3.0	9.97	10.86	0	0	-54	1	0	0	1	1	0	0.440	0.02
242	239	19.6	3.53	3.0	9.91	10.76	0	0	-68	1	0	0	1	1	0	0.440	0.02
243	240	19.68	3.66	3.1	9.91	10.71	0	0	-76	1	0	0	1	1	0	0.440	0.02
244	241	19.77	3.71	3.1	9.91	10.87	0	0	-79	1	0	0	1	1	0	0.440	0.02
245	242	19.85	3.73	3.1	9.84	10.78	0	0	-82	1	0	0	1	1	0	0.440	0.02
246	243	19.93	3.81	3.1	9.56	10.57	0	0	-97	1	0	0	1	1	0	0.440	0.02
247	244	20.01	3.97	3.1	9.13	10.08	0	0	-127	1	0	0	1	1	0	0.440	0.02
248	245	20.09	4.26	3.1	8.53	9.54	0	0	-190	1	0	0	1	1	0	0.440	0.02
249	246	20.18	4.52	3.2	7.91	8.84	0	0	-271	1	0	0	1	1	0	0.440	0.02
250	247	20.26	4.54	3.2	7.69	8.29	0	0	-289	1	0	0	1	1	0	0.440	0.02
251	248	20.34	4.33	3.2	8.33	8.96	0	0	-211	1	0	0	1	1	0	0.440	0.02
252	249	20.42	4.12	3.1	9.85	10.89	0	0	-113	1	0	0	1	1	0	0.440	0.02
253	250	20.5	4.14	3.0	11.51	13.04	0	0	-43	1	0	0	1	1	0	0.440	0.02
254	251	20.59	4.22	3.0	12.52	14.26	0	0	1	1	0	0	1	1	0	0.440	0.02
255	252	20.67	4.52	3.0	12.65	14.29	0	0	9	1	0	0	1	1	0	0.440	0.02
256	253	20.75	4.73	3.0	12.77	13.73	0	0	19	1	0	0	1	1	0	0.440	0.02
257	254	20.83	4.8	3.0	13.23	14.82	0	0	54	1	0	0	1	1	0	0.440	0.02
258	255	20.92	4.64	3.0	14.17	15.9	0	0	109	1	0	0	0	1	0	0.440	0.02
259	256	21	4.52	3.0	15.23	16.82	0	0	161	1	0	0	0	1	0	0.440	0.02
260	257	21.08	4.56	2.9	16.13	18.35	0	0	222	1	0	0	0	1	0	0.440	0.02
261	258	21.16	4.74	3.0	16.29	18.96	0	0	267	1	0	0	0	1	0	0.440	0.02
262	259	21.24	4.89	3.0	15.8	17.51	0	0	262	1	0	0	0	1	0	0.440	0.02
263	260	21.33	4.98	3.0	14.97	16.91	0	0	210	1	0	0	0	1	0	0.440	0.02
264	261	21.41	4.89	3.0	14.57	16.39	0	0	164	1	0	0	0	1	0	0.440	0.02
265	262	21.49	4.87	3.0	14.17	16.32	0	0	130	1	0	0	0	1	0	0.440	0.02
266	263	21.57	4.93	3.0	13.75	15.69	0	0	102	1	0	0	0	1	0	0.440	0.02
267	264	21.65	5.12	3.0	13.39	15.13	0	0	85	1	0	0	0	1	0	0.440	0.02
268	265	21.74	5.27	3.1	13.18	15.25	0	0	73	1	0	0	1	1	0	0.440	0.02
269	266	21.82	5.18	3.0	13.32	15.1	0	0	82	1	0	0	0	1	0	0.440	0.02
270	267	21.9	4.8	3.0	13.97	15.69	0	0	109	1	0	0	0	1	0	0.440	0.02
271	268	21.98	4.37	3.0	15.02	17.44	0	0	132	1	0	0	0	1	0	0.440	0.02
272	269	22.06	3.98	2.9	16.42	18.63	0	0	149	1	0	0	0	1	0	0.440	0.02
273	270	22.15	3.7	2.9	17.53	20.36	0	0	152	1	0	0	0	1	0	0.440	0.02
274	271	22.23	3.19	2.8	18.45	21.15	0	0	117	1	0	0	0	1	0	0.440	0.02
275	272	22.31	2.45	2.7	19.45	21.51	0	0	72	1	0	1	1	1	0	0.440	0.02
276	273	22.39	1.79	2.6	20.84	23.35	0	0	47	1	0	1	1	1	0	0.440	0.02
277	274	22.47	1.5	2.5	22.1	25.28	0.02	0.46	42	1	1	1	1	1	0.02	0.440	0.02
278	275	22.56	1.59	2.6	22.54	25.35	0.02	0.46	47	1	0	1	1	1	0	0.420	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
279	276	22.64	1.8	2.6	22.2	24.92	0.02	0.46	55	1	0	1	1	1	0	0.400	0
280	277	22.72	2.15	2.6	21.75	24.47	0	0	73	1	0	1	1	1	0	0.380	0
281	278	22.8	2.59	2.7	21.26	24.25	0	0	102	1	0	1	0	1	0	0.380	0
282	279	22.88	2.94	2.7	21.44	23.73	0	0	142	1	0	1	0	1	0	0.380	0
283	280	22.97	3.05	2.7	22.23	25.4	0	0	169	1	0	0	0	1	0	0.380	0
284	281	23.05	2.87	2.7	24.09	26.99	0	0	173	1	0	1	0	1	0	0.380	0
285	282	23.13	2.64	2.6	25.4	29.78	0	0	157	1	0	1	0	1	0	0.380	0
286	283	23.21	2.46	2.6	25.69	29.61	0	0	137	1	0	1	0	1	0	0.380	0
287	284	23.29	2.43	2.6	24.54	27.91	0	0	122	1	0	1	0	1	0	0.380	0
288	285	23.38	2.52	2.7	22.92	26.16	0	0	114	1	0	1	0	1	0	0.380	0
289	286	23.46	2.73	2.7	21.59	24.55	0	0	120	1	0	1	0	1	0	0.380	0
290	287	23.54	2.99	2.8	20.45	23.86	0	0	131	1	0	1	0	1	0	0.380	0
291	288	23.62	3.27	2.8	19.65	22.72	0	0	150	1	0	0	0	1	0	0.380	0
292	289	23.7	3.59	2.8	18.94	22.23	0	0	177	1	0	0	0	1	0	0.380	0
293	290	23.79	3.9	2.9	18.31	21.78	0	0	207	1	0	0	0	1	0	0.380	0
294	291	23.87	4.06	2.9	17.69	20.89	0	0	211	1	0	0	0	1	0	0.380	0
295	292	23.95	3.95	2.9	17.16	20.21	0	0	173	1	0	0	0	1	0	0.380	0
296	293	24.03	3.57	2.9	17.33	20.08	0	0	[illegible]	1	0	0	0	1	0	0.380	0
297	294	24.11	3.21	2.8	17.96	21.58	0	0	09	1	0	0	0	1	0	0.380	0
298	295	24.2	3.03	2.8	18.53	22.22	0	0	[illegible]	1	0	0	0	1	0	0.380	0
299	296	24.28	3.04	2.8	18.57	21.96	0	0	105	1	0	0	0	1	0	0.380	0
300	297	24.36	3.11	2.8	18.12	21.83	0	0	03	1	0	0	0	1	0	0.380	0
301	298	24.44	3.23	2.8	17.59	20.87	0	0	103	1	0	0	0	1	0	0.380	0
302	299	24.52	3.41	2.9	16.88	20.39	0	0	104	1	0	0	0	1	0	0.380	0
303	300	24.61	3.69	2.9	15.79	19.65	0	0	99	1	0	0	0	1	0	0.380	0
304	301	24.69	4.07	3.0	14.03	17.19	0	0	63	1	0	0	1	1	0	0.380	0
305	302	24.77	4.69	3.1	11.97	14.4	0	0	-36	1	0	0	1	1	0	0.380	0
306	303	24.85	5.49	3.1	10.53	12.59	0	0	-249	1	0	0	1	1	0	0.380	0
307	304	24.93	5.91	3.2	10.39	12.24	0	0	-367	1	0	0	1	1	0	0.380	0
308	305	25.02	5.33	3.1	12.06	13.93	0	0	-49	1	0	0	1	1	0	0.380	0
309	306	25.1	4.4	3.0	15.02	18.43	0	0	135	1	0	0	0	1	0	0.380	0
310	307	25.18	3.53	2.8	19.11	22.59	0	0	173	1	0	0	0	1	0	0.380	0
311	308	25.26	2.72	2.7	25.5	28.11	0	0	170	1	0	1	0	1	0	0.380	0
312	309	25.34	1.94	2.4	36.35	39.29	0	0	155	1	1	1	0	1	0	0.380	0
313	310	25.43	1.43	2.3	48.72	57.62	0	0	147	1	1	1	0	1	0	0.380	0
314	311	25.51	1.12	2.1	60.43	67.14	0	0	145	1	1	1	0	1	0	0.380	0
315	312	25.59	0.94	2.0	66.24	75.49	0	0	137	1	1	1	0	1	0	0.380	0
316	313	25.67	0.79	2.0	67.98	74.45	0	0	122	1	1	1	0	1	0	0.380	0
317	314	25.75	0.65	1.9	66.81	70.69	0	0	104	1	1	1	0	1	0	0.380	0
318	315	25.84	0.58	1.9	65.84	69.53	0.02	0.35	95	1	1	1	0	1	0	0.380	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
319	316	25.92	0.57	1.9	65.57	70.09	0.02	0.34	94	1	1	1	0	1	0	0.360	0
320	317	26	0.64	2.0	65.22	69.91	0.02	0.3	100	1	1	1	0	1	0	0.340	0
321	318	26.08	0.71	2.0	65.07	69.66	0.02	0.28	107	1	1	1	0	1	0	0.320	0
322	319	26.16	0.77	2.0	64.72	70.95	0.02	0.25	113	1	1	1	0	1	0	0.300	0
323	320	26.25	0.8	2.0	64.92	69.93	0.02	0.25	116	1	1	1	0	1	0	0.280	0
324	321	26.33	0.8	2.0	65.87	70.89	0.02	0.24	118	1	1	1	0	1	0	0.260	0
325	322	26.41	0.76	2.0	68.89	73.85	0.02	0.25	120	1	1	1	0	1	0	0.240	0
326	323	26.49	0.72	1.9	73.09	78.74	0.02	0.26	124	1	1	1	0	1	0	0.220	0
327	324	26.57	0.68	1.9	76.96	83.15	0.02	0.27	127	1	1	1	0	1	0	0.200	0
328	325	26.66	0.66	1.9	78.75	85.03	0.02	0.28	128	1	1	1	0	1	0	0.180	0
329	326	26.74	0.66	1.9	78.19	83.73	0.02	0.28	127	1	1	1	0	1	0	0.160	0
330	327	26.82	0.69	1.9	76.5	81.49	0.02	0.28	128	1	1	1	0	1	0	0.140	0
331	328	26.9	0.75	1.9	75.15	80.65	0.02	0.24	132	1	1	1	0	1	0	0.120	0
332	329	26.98	0.82	2.0	74.31	81.1	0.01	0.22	140	1	1	1	0	1	0	0.100	0
333	330	27.07	0.9	2.0	72.5	80.56	0.01	0.19	147	1	1	1	0	1	0	0.090	0
334	331	27.15	0.98	2.0	70.18	76.52	0.01	0.19	152	1	1	1	0	1	0	0.080	0
335	332	27.23	1.07	2.1	67.9	75.04	0.01	0.18	160	1	1	1	0	1	0	0.070	0
336	333	27.31	1.14	2.1	65.64	74.5	0.01	0.17	164	1	1	1	0	1	0	0.060	0
337	334	27.39	1.19	2.1	63.4	70.09	0.01	0.18	64	1	1	1	0	1	0	0.050	0
338	335	27.48	1.17	2.1	60.44	68.32	0.01	0.19	172	1	1	1	0	1	0	0.040	0
339	336	27.56	1.1	2.1	57.44	64.79	0.01	0.21	133	1	1	1	0	1	0	0.030	0
340	337	27.64	1.01	2.1	53.09	59.88	0.02	0.24	110	1	1	1	0	1	0	0.020	0
341	338	27.72	0.92	2.2	47.73	53.57	0	0	88	1	1	1	0	1	0	0.000	0
342	339	27.8	0.88	2.2	41.25	46.9	0	0	69	1	1	1	1	1	0	0.000	0
343	340	27.89	0.93	2.3	34.38	38.82	0	0	55	1	1	1	1	1	0	0.000	0
344	341	27.97	1.18	2.4	27.91	31.76	0	0	49	1	1	1	1	1	0	0.000	0
345	342	28.05	1.67	2.6	21.52	26.84	0	0	46	1	1	1	1	1	0	0.000	0
346	343	28.13	2.24	2.8	15.95	18.86	0	0	29	1	0	1	1	1	0	0.000	0
347	344	28.21	2.87	2.9	11.46	13.81	0	0	-15	1	0	1	1	1	0	0.000	0
348	345	28.3	3.55	3.1	8.81	11.3	0	0	-98	1	0	0	1	1	0	0.000	0
349	346	28.38	4.69	3.2	7.17	9.4	0	0	-361	1	0	0	1	1	0	0.000	0
350	347	28.46	5.64	3.3	6.84	7.97	0	0	-803	1	0	0	1	1	0	0.000	0
351	348	28.54	5.21	3.2	8.73	10.11	0	0	-384	1	0	0	1	1	0	0.000	0
352	349	28.63	4.4	3.0	12.02	16.11	0	0	-26	1	0	0	1	1	0	0.000	0
353	350	28.71	3.89	2.9	15.2	19.74	0	0	96	1	0	0	0	1	0	0.000	0
354	351	28.79	3.2	2.8	16.3	21.59	0	0	75	1	0	0	1	1	0	0.000	0
355	352	28.87	2.63	2.8	15.71	20.17	0	0	39	1	0	1	1	1	0	0.000	0
356	353	28.95	2.17	2.8	13.81	17.55	0	0	10	1	0	1	1	1	0	0.000	0
357	354	29.04	2.53	2.9	11.75	14.81	0	0	-8	1	0	1	1	1	0	0.000	0
358	355	29.12	3.17	3.0	10.25	12.99	0	0	-43	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
359	356	29.2	4.02	3.1	9.29	12.18	0	0	-126	1	0	0	1	1	0	0.000	0
360	357	29.28	4.91	3.2	9.18	11.37	0	0	-268	1	0	0	1	1	0	0.000	0
361	358	29.36	5.81	3.2	9.65	12.62	0	0	-460	1	0	0	1	1	0	0.000	0
362	359	29.45	6	3.2	10.95	13.87	0	0	-289	1	0	0	1	1	0	0.000	0
363	360	29.53	5.55	3.1	12.76	16.08	0	0	34	1	0	0	1	1	0	0.000	0
364	361	29.61	4.71	3.0	15.15	19.22	0	0	182	1	0	0	0	1	0	0.000	0
365	362	29.69	4.16	2.9	16.97	22.66	0	0	197	1	0	0	0	1	0	0.000	0
366	363	29.77	4.22	2.9	16.85	22.81	0	0	202	1	0	0	0	1	0	0.000	0
367	364	29.86	4.64	3.0	15.06	18.86	0	0	167	1	0	0	0	1	0	0.000	0
368	365	29.94	5.32	3.1	12.35	16.14	0	0	-17	1	0	0	1	1	0	0.000	0
369	366	30.02	5.92	3.2	10.28	12.96	0	0	-389	1	0	0	1	1	0	0.000	0
370	367	30.1	6.66	3.2	8.99	11.37	0	0	-1065	1	0	0	1	1	0	0.000	0
371	368	30.18	6.55	3.2	9.81	11.51	0	0	-753	1	0	0	1	1	0	0.000	0
372	369	30.27	5.62	3.1	12.68	15.94	0	0	25	1	0	0	1	1	0	0.000	0
373	370	30.35	4.98	3.0	16.37	21.92	0	0	330	1	0	0	0	1	0	0.000	0
374	371	30.43	4.9	2.9	19.1	25.11	0	0	528	1	0	0	0	1	0	0.000	0
375	372	30.51	5.15	2.9	19.97	26.12	0	0	727	1	0	0	0	1	0	0.000	0
376	373	30.59	5.36	2.9	19.48	25.25	0	0	[illegible]	1	0	0	0	1	0	0.000	0
377	374	30.68	5.53	3.0	17.94	23.35	0	0	[illegible]10	1	0	0	0	1	0	0.000	0
378	375	30.76	5.87	3.0	15.99	20.46	0	0	5[illegible]0	1	0	0	0	1	0	0.000	0
379	376	30.84	6.54	3.1	13.8	18.03	0	0	36[illegible]	1	0	0	0	1	0	0.000	0
380	377	30.92	7.56	3.2	11.49	15.32	0	0	[illegible]83	1	0	0	1	1	0	0.000	0
381	378	31	8.59	3.3	9.65	12	0	0	-3340	1	0	0	1	1	0	0.000	0
382	379	31.09	8.45	3.3	9.16	11.28	0	0	-3562	1	0	0	1	1	0	0.000	0
383	380	31.17	6.03	3.1	11.81	13.56	0	0	-131	1	0	0	1	1	0	0.000	0
384	381	31.25	3.93	2.9	16.22	21.83	0	0	136	1	0	0	0	1	0	0.000	0
385	382	31.33	2.82	2.7	21.39	27.64	0	0	127	1	0	1	0	1	0	0.000	0
386	383	31.41	2.47	2.6	24.68	31.62	0	0	128	1	0	1	0	1	0	0.000	0
387	384	31.5	2.47	2.6	25.96	32.84	0	0	141	1	0	1	0	1	0	0.000	0
388	385	31.58	2.66	2.6	25.14	32.18	0	0	157	1	0	1	0	1	0	0.000	0
389	386	31.66	3.01	2.7	22.39	29.14	0	0	166	1	0	0	0	1	0	0.000	0
390	387	31.74	3.59	2.8	18.36	23.78	0	0	161	1	0	0	0	1	0	0.000	0
391	388	31.82	4.43	3.0	14.32	18.43	0	0	100	1	0	0	0	1	0	0.000	0
392	389	31.91	5.36	3.1	11.1	14.04	0	0	-160	1	0	0	1	1	0	0.000	0
393	390	31.99	6.17	3.2	8.8	11.85	0	0	-783	1	0	0	1	1	0	0.000	0
394	391	32.07	6.62	3.3	7.34	9.98	0	0	-1521	1	0	0	1	1	0	0.000	0
395	392	32.15	6.58	3.4	6.38	8.71	0	0	-1752	1	0	0	1	1	0	0.000	0
396	393	32.23	5.99	3.4	5.86	8.34	0	0	-1228	1	0	0	1	1	0	0.000	0
397	394	32.32	4.93	3.3	5.64	8.12	0	0	-562	1	0	0	1	1	0	0.000	0
398	395	32.4	4.41	3.3	5.49	7.91	0	0	-379	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
399	396	32.48	4.4	3.3	5.4	7.81	0	0	-381	1	0	0	1	1	0	0.000	0
400	397	32.56	4.75	3.3	5.35	7.78	0	0	-508	1	0	0	1	1	0	0.000	0
401	398	32.64	4.8	3.3	5.32	7.75	0	0	-531	1	0	0	1	1	0	0.000	0
402	399	32.73	4.78	3.3	5.3	7.72	0	0	-524	1	0	0	1	1	0	0.000	0
403	400	32.81	4.8	3.3	5.3	7.72	0	0	-532	1	0	0	1	1	0	0.000	0
404	401	32.89	4.89	3.3	5.36	7.77	0	0	-566	1	0	0	1	1	0	0.000	0
405	402	32.97	4.92	3.3	5.48	7.95	0	0	-570	1	0	0	1	1	0	0.000	0
406	403	33.05	5.01	3.3	5.62	8.17	0	0	-600	1	0	0	1	1	0	0.000	0
407	404	33.14	5.18	3.3	5.73	8.29	0	0	-674	1	0	0	1	1	0	0.000	0
408	405	33.22	5.53	3.4	5.73	8.37	0	0	-883	1	0	0	1	1	0	0.000	0
409	406	33.3	6.01	3.4	5.6	8.18	0	0	-1295	1	0	0	1	1	0	0.000	0
410	407	33.38	6.4	3.4	5.38	7.83	0	0	-1786	1	0	0	1	1	0	0.000	0
411	408	33.46	6.49	3.4	5.17	7.56	0	0	-1964	1	0	0	1	1	0	0.000	0
412	409	33.55	6.44	3.4	4.96	7.44	0	0	-1947	1	0	0	1	1	0	0.000	0
413	410	33.63	6.51	3.5	4.75	7.07	0	0	-2107	1	0	0	1	1	0	0.000	0
414	411	33.71	6.62	3.5	4.6	6.82	0	0	-2328	1	0	0	1	1	0	0.000	0
415	412	33.79	6.67	3.5	4.69	6.9	0	0	-2387	1	0	0	1	1	0	0.000	0
416	413	33.87	6.36	3.4	5.46	7.38	0	0	-1[illegible]14	1	0	0	1	1	0	0.000	0
417	414	33.96	5.87	3.3	7.24	9.66	0	0	-[illegible]89	1	0	0	1	1	0	0.000	0
418	415	34.04	5.68	3.2	9.5	13.53	0	0	-4[illegible]9	1	0	0	1	1	0	0.000	0
419	416	34.12	5.64	3.1	11.46	15.78	0	0	-14[illegible]	1	0	0	1	1	0	0.000	0
420	417	34.2	5.35	3.1	13.39	17.04	0	0	[illegible]01	1	0	0	0	1	0	0.000	0
421	418	34.28	4.6	3.0	15.93	20.87	0	0	216	1	0	0	0	1	0	0.000	0
422	419	34.37	3.84	2.8	18.8	25.53	0	0	214	1	0	0	0	1	0	0.000	0
423	420	34.45	3.46	2.8	20.42	28.09	0	0	196	1	0	0	0	1	0	0.000	0
424	421	34.53	3.61	2.8	19.06	26.89	0	0	184	1	0	0	0	1	0	0.000	0
425	422	34.61	4.33	2.9	15.68	20.66	0	0	161	1	0	0	0	1	0	0.000	0
426	423	34.69	5.56	3.1	11.83	15.23	0	0	-89	1	0	0	1	1	0	0.000	0
427	424	34.78	6.88	3.2	9.14	12.2	0	0	-1196	1	0	0	1	1	0	0.000	0
428	425	34.86	7.77	3.4	7.39	10.5	0	0	-3417	1	0	0	1	1	0	0.000	0
429	426	34.94	8.37	3.4	6.09	8.66	0	0	-6475	1	0	0	1	1	0	0.000	0
430	427	35.02	8.38	3.5	5.14	7.35	0	0	-7485	1	0	0	1	1	0	0.000	0
431	428	35.1	7.69	3.5	4.7	6.98	0	0	-4934	1	0	0	1	1	0	0.000	0
432	429	35.19	6.53	3.5	4.61	7	0	0	-2177	1	0	0	1	1	0	0.000	0
433	430	35.27	5.68	3.4	4.56	7.01	0	0	-1161	1	0	0	1	1	0	0.000	0
434	431	35.35	5.27	3.4	4.42	6.8	0	0	-863	1	0	0	1	1	0	0.000	0
435	432	35.43	5.01	3.4	4.22	6.48	0	0	-722	1	0	0	1	1	0	0.000	0
436	433	35.51	4.72	3.4	4.04	6.29	0	0	-587	1	0	0	1	1	0	0.000	0
437	434	35.6	4.31	3.4	3.92	6.15	0	0	-428	1	0	0	1	1	0	0.000	0
438	435	35.68	4.17	3.4	3.89	6.03	0	0	-383	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
439	436	35.76	4.28	3.4	3.96	6.19	0	0	-416	1	0	0	1	1	0	0.000	0
440	437	35.84	4.67	3.4	4.07	6.38	0	0	-562	1	0	0	1	1	0	0.000	0
441	438	35.92	4.94	3.4	4.07	6.38	0	0	-696	1	0	0	1	1	0	0.000	0
442	439	36.01	5.12	3.5	3.92	6.12	0	0	-815	1	0	0	1	1	0	0.000	0
443	440	36.09	5.13	3.5	3.71	5.81	0	0	-842	1	0	0	1	1	0	0.000	0
444	441	36.17	5.09	3.5	3.52	5.61	0	0	-834	1	0	0	1	1	0	0.000	0
445	442	36.25	4.93	3.5	3.34	5.42	0	0	-750	1	0	0	1	1	0	0.000	0
446	443	36.33	4.73	3.5	3.2	5.14	0	0	-650	1	0	0	1	1	0	0.000	0
447	444	36.42	4.56	3.5	3.1	5.05	0	0	-574	1	0	0	1	1	0	0.000	0
448	445	36.5	4.72	3.5	3.16	5.05	0	0	-648	1	0	0	1	1	0	0.000	0
449	446	36.58	4.97	3.5	3.32	5.33	0	0	-776	1	0	0	1	1	0	0.000	0
450	447	36.66	5.24	3.5	3.52	5.6	0	0	-937	1	0	0	1	1	0	0.000	0
451	448	36.74	5.43	3.5	3.69	5.79	0	0	-1064	1	0	0	1	1	0	0.000	0
452	449	36.83	5.78	3.5	3.8	5.94	0	0	-1373	1	0	0	1	1	0	0.000	0
453	450	36.91	6.1	3.5	3.87	6	0	0	-1732	1	0	0	1	1	0	0.000	0
454	451	36.99	6.42	3.5	3.87	6.03	0	0	-2196	1	0	0	1	1	0	0.000	0
455	452	37.07	6.6	3.5	3.83	5.98	0	0	-2518	1	0	0	1	1	0	0.000	0
456	453	37.16	6.65	3.6	3.71	5.84	0	0	-2[illegible]48	1	0	0	1	1	0	0.000	0
457	454	37.24	6.5	3.6	3.55	5.58	0	0	-2[illegible]16	1	0	0	1	1	0	0.000	0
458	455	37.32	6.2	3.6	3.38	5.41	0	0	-19[illegible]2	1	0	0	1	1	0	0.000	0
459	456	37.4	5.84	3.6	3.25	5.2	0	0	-152[illegible]	1	0	0	1	1	0	0.000	0
460	457	37.48	5.36	3.6	3.16	5.09	0	0	-[illegible]69	1	0	0	1	1	0	0.000	0
461	458	37.57	4.82	3.5	3.15	5.08	0	0	-702	1	0	0	1	1	0	0.000	0
462	459	37.65	4.4	3.5	3.18	5.1	0	0	-500	1	0	0	1	1	0	0.000	0
463	460	37.73	4.28	3.5	3.23	5.16	0	0	-451	1	0	0	1	1	0	0.000	0
464	461	37.81	4.37	3.5	3.31	5.23	0	0	-481	1	0	0	1	1	0	0.000	0
465	462	37.89	4.49	3.5	3.43	5.37	0	0	-523	1	0	0	1	1	0	0.000	0
466	463	37.98	4.55	3.5	3.55	5.56	0	0	-542	1	0	0	1	1	0	0.000	0
467	464	38.06	4.64	3.5	3.64	5.65	0	0	-576	1	0	0	1	1	0	0.000	0
468	465	38.14	4.79	3.5	3.65	5.66	0	0	-649	1	0	0	1	1	0	0.000	0
469	466	38.22	5.01	3.5	3.64	5.57	0	0	-772	1	0	0	1	1	0	0.000	0
470	467	38.3	5.16	3.5	3.73	5.6	0	0	-860	1	0	0	1	1	0	0.000	0
471	468	38.39	5.08	3.5	3.9	5.92	0	0	-792	1	0	0	1	1	0	0.000	0
472	469	38.47	4.85	3.4	4.15	6.18	0	0	-642	1	0	0	1	1	0	0.000	0
473	470	38.55	4.58	3.4	4.27	6.46	0	0	-510	1	0	0	1	1	0	0.000	0
474	471	38.63	4.31	3.4	4.23	6.37	0	0	-413	1	0	0	1	1	0	0.000	0
475	472	38.71	3.91	3.4	4.05	6.04	0	0	-304	1	0	0	1	1	0	0.000	0
476	473	38.8	3.31	3.4	3.9	5.79	0	0	-187	1	0	0	1	1	0	0.000	0
477	474	38.88	2.99	3.3	3.94	5.73	0	0	-141	1	0	1	1	1	0	0.000	0
478	475	38.96	2.84	3.3	4.58	6.07	0	0	-115	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
479	476	39.04	2.68	3.2	5.27	7.85	0	0	-91	1	0	1	1	1	0	0.000	0
480	477	39.12	2.43	3.1	5.89	8.04	0	0	-67	1	0	1	1	1	0	0.000	0
481	478	39.21	2.3	3.1	5.82	8.24	0	0	-60	1	0	1	1	1	0	0.000	0
482	479	39.29	2.59	3.2	5.46	7.88	0	0	-82	1	0	1	1	1	0	0.000	0
483	480	39.37	3.09	3.3	4.84	7.09	0	0	-138	1	0	0	1	1	0	0.000	0
484	481	39.45	3.58	3.3	4.38	6.15	0	0	-222	1	0	0	1	1	0	0.000	0
485	482	39.53	3.6	3.4	4.15	6.05	0	0	-232	1	0	0	1	1	0	0.000	0
486	483	39.62	3.25	3.3	4.13	6	0	0	-173	1	0	0	1	1	0	0.000	0
487	484	39.7	2.76	3.3	4.07	5.89	0	0	-114	1	0	1	1	1	0	0.000	0
488	485	39.78	2.45	3.3	4	5.72	0	0	-87	1	0	1	1	1	0	0.000	0
489	486	39.86	2.24	3.3	3.98	5.67	0	0	-73	1	0	1	1	1	0	0.000	0
490	487	39.94	2.15	3.3	4.05	5.73	0	0	-66	1	0	1	1	1	0	0.000	0
491	488	40.03	2.15	3.2	4.21	5.89	0	0	-65	1	0	1	1	1	0	0.000	0
492	489	40.11	2.31	3.2	4.51	6.2	0	0	-73	1	0	1	1	1	0	0.000	0
493	490	40.19	2.56	3.2	4.99	6.85	0	0	-85	1	0	1	1	1	0	0.000	0
494	491	40.27	2.86	3.2	5.58	7.71	0	0	-102	1	0	1	1	1	0	0.000	0
495	492	40.35	3.22	3.2	6.16	8.5	0	0	-128	1	0	0	1	1	0	0.000	0
496	493	40.44	3.36	3.2	6.74	9.2	0	0	-1[illegible]	1	0	0	1	1	0	0.000	0
497	494	40.52	3.26	3.1	7.22	10.14	0	0	-[illegible]10	1	0	0	1	1	0	0.000	0
498	495	40.6	3.02	3.1	7.34	10.57	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
499	496	40.68	3.05	3.1	6.81	9.98	0	0	-9[illegible]	1	0	0	1	1	0	0.000	0
500	497	40.76	3.3	3.2	5.83	8.44	0	0	-[illegible]44	1	0	0	1	1	0	0.000	0
501	498	40.85	3.66	3.3	4.91	7.06	0	0	-222	1	0	0	1	1	0	0.000	0
502	499	40.93	3.86	3.4	4.34	6.4	0	0	-282	1	0	0	1	1	0	0.000	0
503	500	41.01	3.75	3.4	4.16	5.98	0	0	-263	1	0	0	1	1	0	0.000	0
504	501	41.09	3.55	3.4	4.13	6.05	0	0	-223	1	0	0	1	1	0	0.000	0
505	502	41.17	3.35	3.4	4.09	6.05	0	0	-189	1	0	0	1	1	0	0.000	0
506	503	41.26	3.37	3.4	3.98	5.81	0	0	-195	1	0	0	1	1	0	0.000	0
507	504	41.34	3.6	3.4	3.9	5.69	0	0	-239	1	0	0	1	1	0	0.000	0
508	505	41.42	3.96	3.4	3.88	5.74	0	0	-323	1	0	0	1	1	0	0.000	0
509	506	41.5	4.33	3.4	3.87	5.74	0	0	-438	1	0	0	1	1	0	0.000	0
510	507	41.58	4.64	3.5	3.83	5.73	0	0	-564	1	0	0	1	1	0	0.000	0
511	508	41.67	4.71	3.5	3.77	5.78	0	0	-601	1	0	0	1	1	0	0.000	0
512	509	41.75	4.79	3.5	3.67	5.72	0	0	-647	1	0	0	1	1	0	0.000	0
513	510	41.83	4.95	3.5	3.56	5.56	0	0	-744	1	0	0	1	1	0	0.000	0
514	511	41.91	4.81	3.5	3.4	5.47	0	0	-678	1	0	0	1	1	0	0.000	0
515	512	41.99	4.47	3.5	3.19	5.15	0	0	-529	1	0	0	1	1	0	0.000	0
516	513	42.08	3.94	3.5	2.98	4.84	0	0	-351	1	0	0	1	1	0	0.000	0
517	514	42.16	4.05	3.5	2.78	4.76	0	0	-392	1	0	0	1	1	0	0.000	0
518	515	42.24	4.11	3.5	2.87	4.48	0	0	-408	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
519	516	42.32	4.21	3.5	3.03	4.96	0	0	-436	1	0	0	1	1	0	0.000	0
520	517	42.4	4.06	3.5	3.35	5.13	0	0	-372	1	0	0	1	1	0	0.000	0
521	518	42.49	4.03	3.4	3.58	5.46	0	0	-354	1	0	0	1	1	0	0.000	0
522	519	42.57	4.3	3.4	3.73	5.92	0	0	-434	1	0	0	1	1	0	0.000	0
523	520	42.65	5.14	3.5	3.65	5.84	0	0	-854	1	0	0	1	1	0	0.000	0
524	521	42.73	6.66	3.6	3.31	5.46	0	0	-2789	1	0	0	1	1	0	0.000	0
525	522	42.81	8.06	3.7	2.95	5.04	0	0	-7805	1	0	0	1	1	0	0.000	0
526	523	42.9	9.27	3.8	2.63	4.79	0	0	-18173	1	0	0	1	1	0	0.000	0
527	524	42.98	10.26	3.8	2.39	4.44	0	0	-35191	1	0	0	1	1	0	0.000	0
528	525	43.06	10.92	3.9	2.17	4.14	0	0	-54270	1	0	0	1	1	0	0.000	0
529	526	43.14	10.12	3.9	2.16	3.95	0	0	-32939	1	0	0	1	1	0	0.000	0
530	527	43.22	8.1	3.8	2.4	4.35	0	0	-8485	1	0	0	1	1	0	0.000	0
531	528	43.31	6.52	3.6	2.83	5.01	0	0	-2649	1	0	0	1	1	0	0.000	0
532	529	43.39	5.62	3.6	3.21	5.45	0	0	-1298	1	0	0	1	1	0	0.000	0
533	530	43.47	5.11	3.5	3.46	5.67	0	0	-852	1	0	0	1	1	0	0.000	0
534	531	43.55	4.95	3.5	3.6	5.89	0	0	-740	1	0	0	1	1	0	0.000	0
535	532	43.63	5.31	3.5	3.67	5.94	0	0	-972	1	0	0	1	1	0	0.000	0
536	533	43.72	5.94	3.5	3.68	5.95	0	0	-[illegible]71	1	0	0	1	1	0	0.000	0
537	534	43.8	6.58	3.6	3.66	5.96	0	0	-2[illegible]30	1	0	0	1	1	0	0.000	0
538	535	43.88	7.04	3.6	3.62	5.9	0	0	-35[illegible]6	1	0	0	1	1	0	0.000	0
539	536	43.96	7.57	3.6	3.57	5.86	0	0	-5194	1	0	0	1	1	0	0.000	0
540	537	44.04	8.04	3.6	3.53	5.78	0	0	-[illegible]31	1	0	0	1	1	0	0.000	0
541	538	44.13	8.19	3.6	3.53	5.76	0	0	-8015	1	0	0	1	1	0	0.000	0
542	539	44.21	7.99	3.6	3.56	5.84	0	0	-6963	1	0	0	1	1	0	0.000	0
543	540	44.29	7.74	3.6	3.61	5.89	0	0	-5823	1	0	0	1	1	0	0.000	0
544	541	44.37	7.45	3.6	3.64	5.9	0	0	-4736	1	0	0	1	1	0	0.000	0
545	542	44.45	7.07	3.6	3.69	5.9	0	0	-3595	1	0	0	1	1	0	0.000	0
546	543	44.54	6.57	3.5	3.77	6.06	0	0	-2481	1	0	0	1	1	0	0.000	0
547	544	44.62	6.12	3.5	3.84	6.16	0	0	-1765	1	0	0	1	1	0	0.000	0
548	545	44.7	5.79	3.5	3.83	6.16	0	0	-1379	1	0	0	1	1	0	0.000	0
549	546	44.78	5.68	3.5	3.73	6.02	0	0	-1283	1	0	0	1	1	0	0.000	0
550	547	44.86	5.76	3.5	3.53	5.81	0	0	-1394	1	0	0	1	1	0	0.000	0
551	548	44.95	5.9	3.6	3.32	5.44	0	0	-1586	1	0	0	1	1	0	0.000	0
552	549	45.03	6.01	3.6	3.18	5.26	0	0	-1749	1	0	0	1	1	0	0.000	0
553	550	45.11	6	3.6	3.2	5.28	0	0	-1732	1	0	0	1	1	0	0.000	0
554	551	45.19	5.61	3.5	3.39	5.45	0	0	-1263	1	0	0	1	1	0	0.000	0
555	552	45.27	4.88	3.5	3.72	5.92	0	0	-691	1	0	0	1	1	0	0.000	0
556	553	45.36	4.09	3.4	4.19	6.51	0	0	-347	1	0	0	1	1	0	0.000	0
557	554	45.44	3.78	3.3	4.57	7.28	0	0	-256	1	0	0	1	1	0	0.000	0
558	555	45.52	3.68	3.3	5.14	7.53	0	0	-219	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
559	556	45.6	3.81	3.3	5.66	8.66	0	0	-226	1	0	0	1	1	0	0.000	0
560	557	45.69	4.03	3.2	6.27	9.2	0	0	-247	1	0	0	1	1	0	0.000	0
561	558	45.77	4.29	3.2	6.77	9.7	0	0	-281	1	0	0	1	1	0	0.000	0
562	559	45.85	4.55	3.2	7.39	10.67	0	0	-309	1	0	0	1	1	0	0.000	0
563	560	45.93	4.76	3.2	8.18	11.72	0	0	-309	1	0	0	1	1	0	0.000	0
564	561	46.01	5.14	3.2	8.99	12.82	0	0	-339	1	0	0	1	1	0	0.000	0
565	562	46.1	5.39	3.2	9.72	13.84	0	0	-326	1	0	0	1	1	0	0.000	0
566	563	46.18	5.64	3.2	10.07	14.66	0	0	-345	1	0	0	1	1	0	0.000	0
567	564	46.26	5.85	3.2	9.99	14.34	0	0	-418	1	0	0	1	1	0	0.000	0
568	565	46.34	6.19	3.2	9.57	13.69	0	0	-629	1	0	0	1	1	0	0.000	0
569	566	46.42	6.42	3.2	9.11	13.09	0	0	-863	1	0	0	1	1	0	0.000	0
570	567	46.51	6.49	3.3	8.64	12.49	0	0	-1034	1	0	0	1	1	0	0.000	0
571	568	46.59	6.51	3.3	8.15	11.88	0	0	-1183	1	0	0	1	1	0	0.000	0
572	569	46.67	6.56	3.3	7.68	11.22	0	0	-1360	1	0	0	1	1	0	0.000	0
573	570	46.75	6.66	3.3	7.24	10.69	0	0	-1596	1	0	0	1	1	0	0.000	0
574	571	46.83	6.62	3.3	6.9	10.14	0	0	-1650	1	0	0	1	1	0	0.000	0
575	572	46.92	6.47	3.3	6.56	9.86	0	0	-1568	1	0	0	1	1	0	0.000	0
576	573	47	6.24	3.4	6.3	9.38	0	0	[illegible]	1	0	0	1	1	0	0.000	0
577	574	47.08	5.94	3.3	6.19	9.1	0	0	-1[illegible]24	1	0	0	1	1	0	0.000	0
578	575	47.16	5.67	3.3	6.31	9.4	0	0	-8[illegible]9	1	0	0	1	1	0	0.000	0
579	576	47.24	5.36	3.3	6.49	9.82	0	0	-68[illegible]	1	0	0	1	1	0	0.000	0
580	577	47.33	5.27	3.3	6.42	9.8	0	0	[illegible]49	1	0	0	1	1	0	0.000	0
581	578	47.41	5.37	3.3	6.14	9.24	0	0	-734	1	0	0	1	1	0	0.000	0
582	579	47.49	5.7	3.4	5.66	8.83	0	0	-1016	1	0	0	1	1	0	0.000	0
583	580	47.57	6.04	3.4	5.12	8.06	0	0	-1417	1	0	0	1	1	0	0.000	0
584	581	47.65	6.14	3.5	4.61	7.13	0	0	-1632	1	0	0	1	1	0	0.000	0
585	582	47.74	5.98	3.5	4.23	6.82	0	[illegible]	-1518	1	0	0	1	1	0	0.000	0
586	583	47.82	5.69	3.5	3.99	6.52	0	0	-1254	1	0	0	1	1	0	0.000	0
587	584	47.9	5.52	3.5	3.75	6.12	0	0	-1133	1	0	0	1	1	0	0.000	0
588	585	47.98	5.56	3.5	3.56	5.82	0	0	-1193	1	0	0	1	1	0	0.000	0
589	586	48.06	5.62	3.5	3.48	5.68	0	0	-1261	1	0	0	1	1	0	0.000	0
590	587	48.15	5.64	3.5	3.53	5.66	0	0	-1273	1	0	0	1	1	0	0.000	0
591	588	48.23	5.16	3.5	3.75	5.9	0	0	-858	1	0	0	1	1	0	0.000	0
592	589	48.31	4.28	3.4	4.06	6.45	0	0	-411	1	0	0	1	1	0	0.000	0
593	590	48.39	3.37	3.3	4.25	6.78	0	0	-189	1	0	0	1	1	0	0.000	0
594	591	48.47	2.84	3.3	4.18	6.67	0	0	-121	1	0	1	1	1	0	0.000	0
595	592	48.56	2.46	3.3	3.96	6.22	0	0	-89	1	0	1	1	1	0	0.000	0
596	593	48.64	2.14	3.3	3.83	5.88	0	0	-68	1	0	1	1	1	0	0.000	0
597	594	48.72	1.7	3.2	3.95	5.92	0	0	-45	1	0	1	1	1	0	0.000	0
598	595	48.8	1.53	3.2	4.27	6.37	0	0	-37	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
599	596	48.88	1.53	3.1	4.63	6.87	0	0	-35	1	0	1	1	1	0	0.000	0
600	597	48.97	1.67	3.1	4.98	7.15	0	0	-38	1	0	1	1	1	0	0.000	0
601	598	49.05	1.94	3.1	5.21	7.61	0	0	-47	1	0	1	1	1	0	0.000	0
602	599	49.13	2.26	3.2	5.27	7.77	0	0	-63	1	0	1	1	1	0	0.000	0
603	600	49.21	2.62	3.2	5.13	7.57	0	0	-88	1	0	1	1	1	0	0.000	0
604	601	49.29	2.85	3.3	4.9	7.26	0	0	-111	1	0	1	1	1	0	0.000	0
605	602	49.38	3.02	3.3	4.7	7.05	0	0	-132	1	0	0	1	1	0	0.000	0
606	603	49.46	3.16	3.3	4.65	6.9	0	0	-150	1	0	0	1	1	0	0.000	0
607	604	49.54	3.33	3.3	4.71	7.09	0	0	-172	1	0	0	1	1	0	0.000	0
608	605	49.62	3.42	3.3	4.68	7.2	0	0	-187	1	0	0	1	1	0	0.000	0
609	606	49.7	3.31	3.3	4.46	6.85	0	0	-175	1	0	0	1	1	0	0.000	0
610	607	49.79	3.2	3.3	4.11	6.38	0	0	-166	1	0	0	1	1	0	0.000	0
611	608	49.87	3.19	3.4	3.83	5.97	0	0	-170	1	0	0	1	1	0	0.000	0
612	609	49.95	3.33	3.4	3.68	5.73	0	0	-195	1	0	0	1	1	0	0.000	0
613	610	50.03	3.36	3.4	3.63	5.62	0	0	-201	1	0	0	1	1	0	0.000	0
614	611	50.11	3.15	3.4	3.66	5.63	0	0	-168	1	0	0	1	1	0	0.000	0
615	612	50.2	1.98	3.3	3.72	5.73	0	0	-59	1	0	1	1	1	0	0.000	0
616	613	50.28	0.93	3.1	3.75	5.88	0	0	-22	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	3.72	5.78	0	0	-9	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	3.65	5.62	0	0	-9	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	3.6	5.58	0	0	-9	1	0	1	1	1	0	0.000	0

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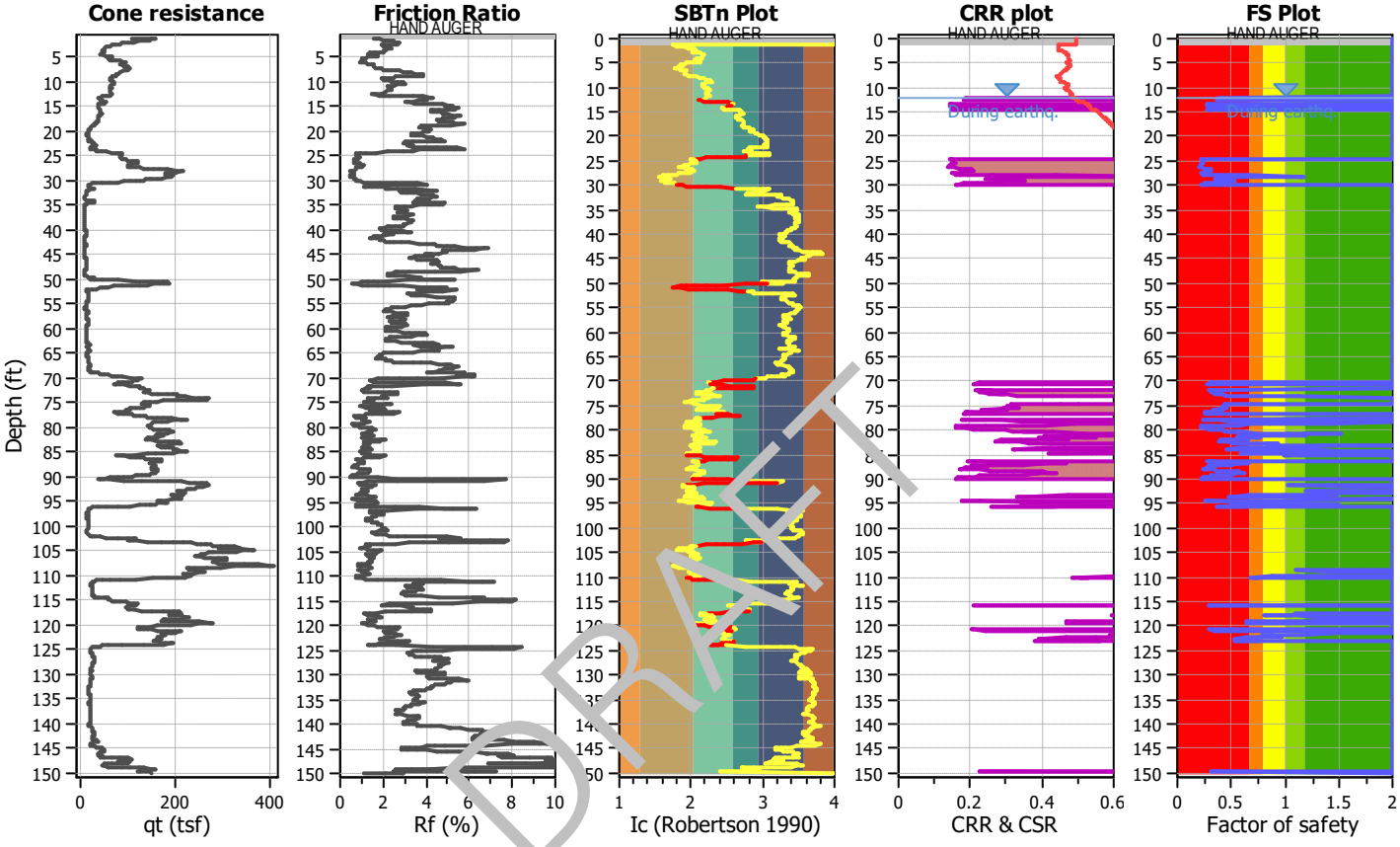
LIQUEFACTION ANALYSIS REPORT

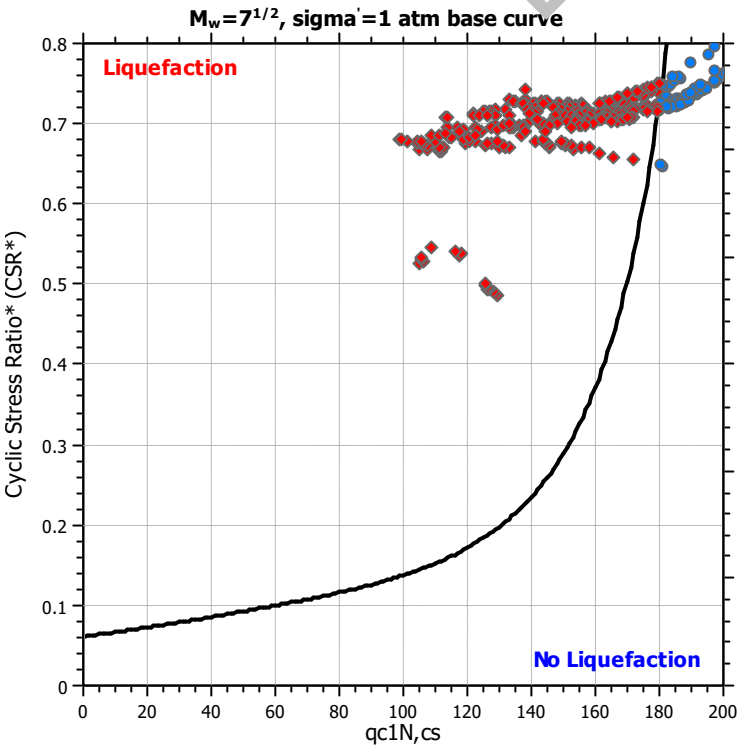
Project title : **Location :**

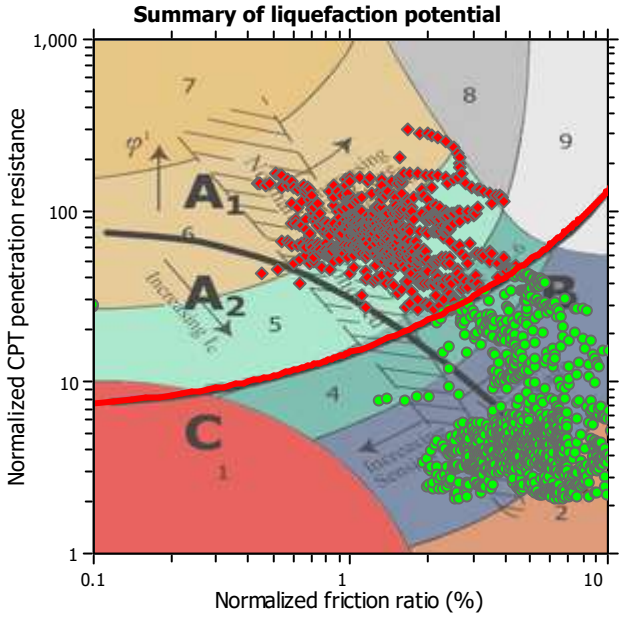
CPT file : CPT-29

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

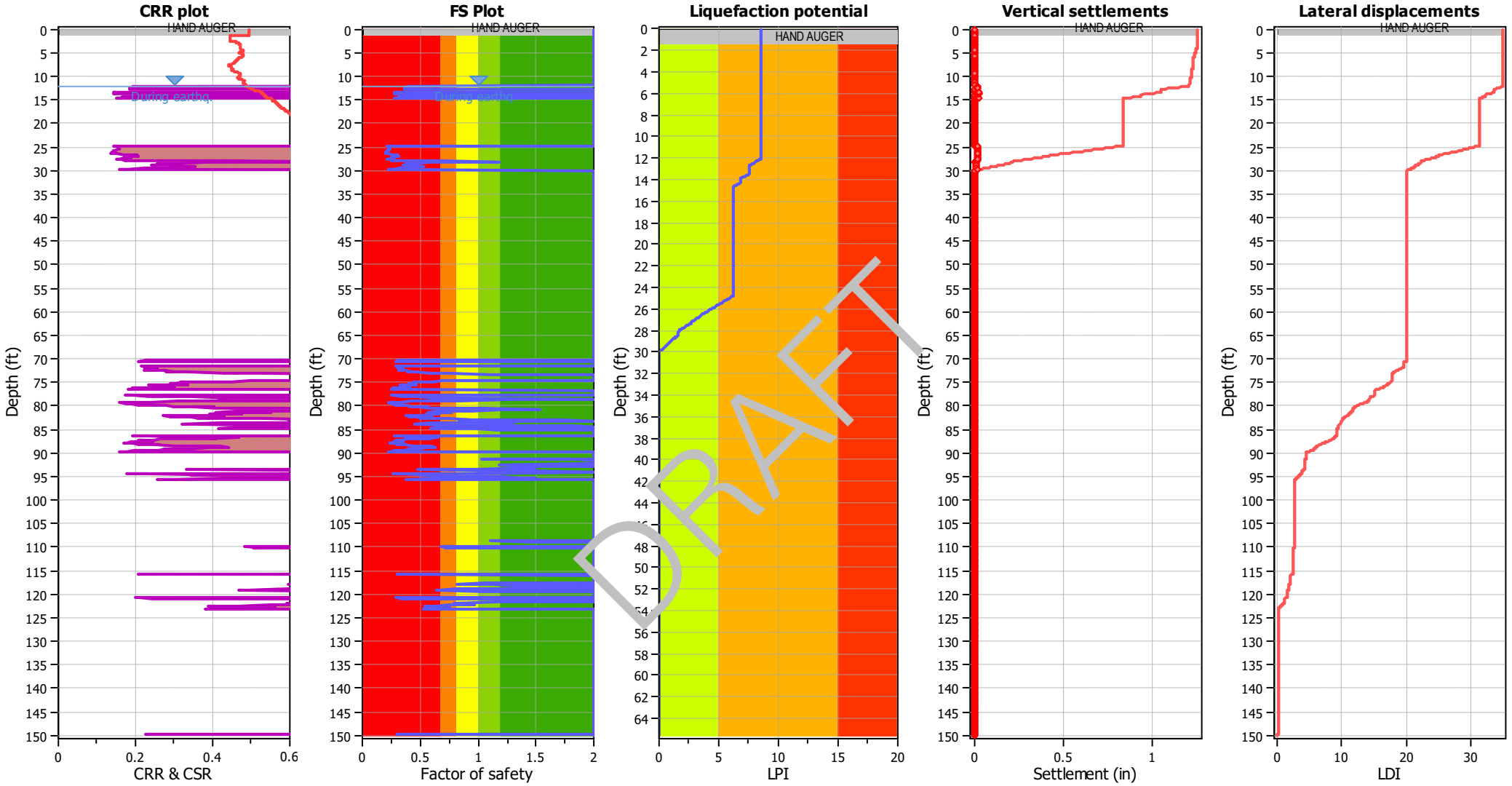






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-29, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.210	0
20	17	1.39	1.54	1.8	206.07	275.67	0	0	870	0	1	1	0	1	0	1.210	0
21	18	1.48	1.65	1.8	298.13	249.49	0	0	1422	0	1	1	0	1	0	1.210	0
22	19	1.56	1.87	1.8	284.18	234.04	0	0	1656	0	1	1	0	1	0	1.210	0
23	20	1.64	1.99	1.8	279.68	239.95	0	0	1818	0	1	1	0	1	0	1.210	0
24	21	1.72	2.07	1.9	276.8	238.49	0	0	1934	0	1	1	0	1	0	1.210	0
25	22	1.8	2.17	1.9	266.69	227.46	0	0	2036	0	1	1	0	1	0	1.210	0
26	23	1.89	2.33	1.9	251.06	214.59	0	0	2206	0	1	1	0	1	0	1.210	0
27	24	1.97	2.51	2.0	233.11	198.72	0	0	2395	0	1	1	0	1	0	1.210	0
28	25	2.05	2.62	2.0	216.72	181.74	0	0	2444	0	1	1	0	1	0	1.210	0
29	26	2.13	2.65	2.0	202.57	172.84	0	0	2335	0	1	1	0	1	0	1.210	0
30	27	2.21	2.64	2.0	190.37	162.65	0	0	2166	0	1	1	0	1	0	1.210	0
31	28	2.3	2.66	2.1	177.5	150.66	0	0	2045	1	1	1	0	1	0	1.210	0
32	29	2.38	2.71	2.1	165.28	140.06	0	0	1979	1	1	1	0	1	0	1.210	0
33	30	2.46	2.62	2.1	154.57	131.51	0	0	1700	1	1	1	0	1	0	1.210	0
34	31	2.54	2.38	2.1	145.8	123.39	0	0	1289	1	1	1	0	1	0	1.210	0
35	32	2.62	2.07	2.0	137.81	117.71	0	0	917	1	1	1	0	1	0	1.210	0
36	33	2.71	1.89	2.0	131.43	111.16	0	0	739	1	1	1	0	1	0	1.210	0
37	34	2.79	1.92	2.0	122.62	107.17	0	0	703	1	1	1	0	1	0	1.210	0
38	35	2.87	2	2.1	115.08	95.2	0	0	704	1	1	1	0	1	0	1.210	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	2.13	2.1	107.37	91.93	0	0	733	1	1	1	0	1	0	1.210	0
40	37	3.03	2.21	2.1	103.57	87.48	0	0	756	1	1	1	0	1	0	1.210	0
41	38	3.12	2.32	2.2	99.88	85.55	0	0	801	1	1	1	0	1	0	1.210	0
42	39	3.2	2.38	2.2	97.18	82.58	0	0	819	1	1	1	0	1	0	1.210	0
43	40	3.28	2.38	2.2	95.13	80.64	0	0	799	1	1	1	0	1	0	1.210	0
44	41	3.36	2.33	2.2	93.84	80.36	0	0	752	1	1	1	0	1	0	1.210	0
45	42	3.44	2.26	2.2	92.93	79.34	0	0	699	1	1	1	0	1	0	1.210	0
46	43	3.53	2.19	2.2	91.88	78.33	0	0	647	1	1	1	0	1	0	1.210	0
47	44	3.61	2.15	2.2	90.93	77.71	0	0	617	1	1	1	0	1	0	1.210	0
48	45	3.69	2.12	2.2	90.35	76.94	0	0	596	1	1	1	0	1	0	1.210	0
49	46	3.77	2.1	2.2	90.33	76.86	0	0	585	1	1	1	0	1	0	1.210	0
50	47	3.85	2.08	2.2	91.32	77.68	0	0	582	1	1	1	0	1	0	1.210	0
51	48	3.94	2.06	2.2	92.92	79.5	0	0	583	1	1	1	0	1	0	1.210	0
52	49	4.02	1.98	2.1	94.83	80.96	0	0	555	1	1	1	0	1	0	1.210	0
53	50	4.1	1.87	2.1	96.07	82.57	0	0	510	1	1	1	0	1	0	1.210	0
54	51	4.18	1.7	2.1	95.75	82.7	0	0	434	1	1	1	0	1	0	1.210	0
55	52	4.26	1.55	2.1	92.73	80.17	0	0	364	1	1	1	0	1	0	1.210	0
56	53	4.35	1.4	2.1	87.26	74.9	0	0	305	1	1	1	0	1	0	1.210	0
57	54	4.43	1.32	2.1	81.2	68.74	0	0	251	1	1	1	0	1	0	1.210	0
58	55	4.51	1.34	2.1	77.26	64.74	0	0	241	1	1	1	0	1	0	1.210	0
59	56	4.59	1.5	2.1	76.69	64.87	0	0	278	1	1	1	0	1	0	1.210	0
60	57	4.68	1.7	2.1	80.65	67.3	0	0	355	1	1	1	0	1	0	1.210	0
61	58	4.76	1.77	2.1	88.15	74.86	0	0	421	1	1	1	0	1	0	1.210	0
62	59	4.84	1.73	2.1	98.35	84.04	0	0	460	1	1	1	0	1	0	1.210	0
63	60	4.92	1.62	2.0	109.68	93.25	0	0	470	1	1	1	0	1	0	1.210	0
64	61	5	1.5	2.0	121.02	102.69	0	0	470	1	1	1	0	1	0	1.210	0
65	62	5.09	1.39	1.9	128.23	110.98	0	0	452	1	1	1	0	1	0	1.210	0
66	63	5.17	1.29	1.9	129.55	110.63	0	0	416	1	1	1	0	1	0	1.210	0
67	64	5.25	1.2	1.9	125.63	106.89	0	0	369	1	1	1	0	1	0	1.210	0
68	65	5.33	1.1	1.9	120.66	103.01	0	0	321	1	1	1	0	1	0	1.210	0
69	66	5.41	1.02	1.9	116.33	101.91	0	0	285	1	1	1	0	1	0	1.210	0
70	67	5.5	0.98	1.9	112.66	99.75	0	0	265	1	1	1	0	1	0	1.210	0
71	68	5.58	0.99	1.9	109.94	95.91	0	0	260	1	1	1	0	1	0	1.210	0
72	69	5.66	1	1.9	109.98	95.42	0	0	262	1	1	1	0	1	0	1.210	0
73	70	5.74	0.98	1.9	112.99	100.52	0	0	265	1	1	1	0	1	0	1.210	0
74	71	5.82	0.97	1.8	119.19	105.98	0	0	279	1	1	1	0	1	0	1.210	0
75	72	5.91	0.98	1.8	127.45	113.81	0	0	304	1	1	1	0	1	0	1.210	0
76	73	5.99	0.96	1.8	140.83	123.64	0	0	333	1	1	1	0	1	0	1.210	0
77	74	6.07	0.96	1.8	151.34	140.57	0	0	360	1	1	1	0	1	0	1.210	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	0.99	1.8	158.14	140.41	0	0	388	1	1	1	0	1	0	1.210	0
79	76	6.23	1.08	1.8	157.37	139.54	0	0	421	1	1	1	0	1	0	1.210	0
80	77	6.32	1.2	1.8	154.9	134.76	0	0	464	1	1	1	0	1	0	1.210	0
81	78	6.4	1.32	1.9	150.37	128.31	0	0	504	1	1	1	0	1	0	1.210	0
82	79	6.48	1.44	1.9	146.58	121.46	0	0	549	1	1	1	0	1	0	1.210	0
83	80	6.56	1.52	1.9	144.58	119.06	0	0	582	1	1	1	0	1	0	1.210	0
84	81	6.64	1.57	1.9	145.17	119.62	0	0	613	1	1	1	0	1	0	1.210	0
85	82	6.73	1.58	1.9	147.69	121.27	0	0	630	1	1	1	0	1	0	1.210	0
86	83	6.81	1.56	1.9	151.14	125.49	0	0	635	1	1	1	0	1	0	1.210	0
87	84	6.89	1.55	1.9	153.99	129.38	0	0	642	1	1	1	0	1	0	1.210	0
88	85	6.97	1.55	1.9	156.1	129.65	0	0	651	1	1	1	0	1	0	1.210	0
89	86	7.05	1.58	1.9	157.87	131.28	0	0	678	1	1	1	0	1	0	1.210	0
90	87	7.14	1.6	1.9	160.58	133.44	0	0	704	1	1	1	0	1	0	1.210	0
91	88	7.22	1.61	1.9	162.84	136.06	0	0	721	1	1	1	0	1	0	1.210	0
92	89	7.3	1.62	1.9	164.94	137.2	0	0	738	1	1	1	0	1	0	1.210	0
93	90	7.38	1.7	1.9	164.62	138.47	0	0	793	1	1	1	0	1	0	1.210	0
94	91	7.46	1.81	1.9	163.72	133.04	0	0	873	1	1	1	0	1	0	1.210	0
95	92	7.55	1.95	2.0	162.52	131.28	0	0	[illegible]	1	1	1	0	1	0	1.210	0
96	93	7.63	2.06	2.0	161.24	131.8	0	0	1[illegible]79	1	1	1	0	1	0	1.210	0
97	94	7.71	2.18	2.0	159.79	127.26	0	0	11[illegible]1	1	1	1	0	1	0	1.210	0
98	95	7.79	2.35	2.0	156.85	125.31	0	0	1359	1	1	1	0	1	0	1.210	0
99	96	7.87	2.54	2.1	151.99	122.11	0	0	[illegible]55	1	1	1	0	1	0	1.210	0
100	97	7.96	2.78	2.1	144.26	113.36	0	0	1814	1	1	1	0	1	0	1.210	0
101	98	8.04	2.98	2.2	136.68	105.01	0	0	2035	1	1	1	0	1	0	1.210	0
102	99	8.12	3.1	2.2	133.35	103.43	0	0	2196	1	1	0	0	1	0	1.210	0
103	100	8.2	3.11	2.2	133	105.29	0	0	2209	1	1	0	0	1	0	1.210	0
104	101	8.28	3.17	2.2	132.14	104.83	0	0	2309	1	1	0	0	1	0	1.210	0
105	102	8.37	3.31	2.2	128.96	101.77	0	0	2533	1	1	0	0	1	0	1.210	0
106	103	8.45	3.5	2.2	125.14	97.69	0	0	2878	1	1	0	0	1	0	1.210	0
107	104	8.53	3.68	2.3	122.51	95.43	0	0	3269	1	1	0	0	1	0	1.210	0
108	105	8.61	3.79	2.3	121.8	95.31	0	0	3559	1	1	0	0	1	0	1.210	0
109	106	8.69	3.85	2.3	120.96	96.15	0	0	3712	1	1	0	0	1	0	1.210	0
110	107	8.78	3.89	2.3	118.58	93.94	0	0	3753	1	1	0	0	1	0	1.210	0
111	108	8.86	3.93	2.3	114.71	90.48	0	0	3738	1	1	0	0	1	0	1.210	0
112	109	8.94	3.57	2.3	109.65	88.1	0	0	2633	1	1	0	0	1	0	1.210	0
113	110	9.02	3.12	2.3	104.74	85.4	0	0	1705	1	1	0	0	1	0	1.210	0
114	111	9.1	2.63	2.2	99.76	82.85	0	0	1053	1	1	1	0	1	0	1.210	0
115	112	9.19	2.47	2.2	96.54	80.54	0	0	881	1	1	1	0	1	0	1.210	0
116	113	9.27	2.32	2.2	94.24	79.68	0	0	749	1	1	1	0	1	0	1.210	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.14	2.2	92.47	79.07	0	0	623	1	1	1	0	1	0	1.210	0
118	115	9.43	2.02	2.2	90.97	78.16	0	0	549	1	1	1	0	1	0	1.210	0
119	116	9.51	1.98	2.2	89.56	77.49	0	0	520	1	1	1	0	1	0	1.210	0
120	117	9.6	2.02	2.2	89.03	76.38	0	0	535	1	1	1	0	1	0	1.210	0
121	118	9.68	2.12	2.2	88.91	76.86	0	0	585	1	1	1	0	1	0	1.210	0
122	119	9.76	2.24	2.2	89.46	76.75	0	0	657	1	1	1	0	1	0	1.210	0
123	120	9.84	2.3	2.2	90.64	77.33	0	0	704	1	1	1	0	1	0	1.210	0
124	121	9.92	2.36	2.2	92.38	79.72	0	0	759	1	1	1	0	1	0	1.210	0
125	122	10.01	2.4	2.2	94.83	81.24	0	0	811	1	1	1	0	1	0	1.210	0
126	123	10.09	2.52	2.2	96.92	83.61	0	0	925	1	1	1	0	1	0	1.210	0
127	124	10.17	2.66	2.2	98.66	84.69	0	0	1068	1	1	1	0	1	0	1.210	0
128	125	10.25	2.84	2.2	99.2	85.1	0	0	1258	1	1	1	0	1	0	1.210	0
129	126	10.33	2.99	2.3	98.78	84.35	0	0	1426	1	1	1	0	1	0	1.210	0
130	127	10.42	3.09	2.3	97.68	83.35	0	0	1535	1	1	0	0	1	0	1.210	0
131	128	10.5	3.09	2.3	96.47	82.39	0	0	1513	1	1	0	0	1	0	1.210	0
132	129	10.58	3	2.3	94.52	81.93	0	0	1367	1	1	0	0	1	0	1.210	0
133	130	10.66	2.83	2.3	91.3	79.51	0	0	1134	1	1	1	0	1	0	1.210	0
134	131	10.74	2.67	2.3	87.21	75.69	0	0	[illegible]	1	1	1	0	1	0	1.210	0
135	132	10.83	2.5	2.2	83.34	72.93	0	0	762	1	1	1	0	1	0	1.210	0
136	133	10.91	2.38	2.2	80.81	70.92	0	0	6[illegible]1	1	1	1	0	1	0	1.210	0
137	134	10.99	2.26	2.2	79.99	70.3	0	0	58[illegible]	1	1	1	0	1	0	1.210	0
138	135	11.07	2.22	2.2	80.49	71.8	0	0	770	1	1	1	0	1	0	1.210	0
139	136	11.15	2.22	2.2	81.82	72.91	0	0	581	1	1	1	0	1	0	1.210	0
140	137	11.24	2.29	2.2	82.32	74.16	0	0	623	1	1	1	0	1	0	1.210	0
141	138	11.32	2.36	2.2	82.4	73.17	0	0	664	1	1	1	0	1	0	1.210	0
142	139	11.4	2.41	2.2	81.85	73.16	0	0	689	1	1	1	0	1	0	1.210	0
143	140	11.48	2.42	2.2	81	72.9	0	[illegible]	687	1	1	1	0	1	0	1.210	0
144	141	11.56	2.42	2.3	79.31	71.31	0	0	670	1	1	1	0	1	0	1.210	0
145	142	11.65	2.42	2.3	77.03	69.1	0	0	647	1	1	1	0	1	0	1.210	0
146	143	11.73	2.39	2.3	75.4	67.32	0	0	614	1	1	1	0	1	0	1.210	0
147	144	11.81	2.31	2.3	74.95	67.54	0	0	567	1	1	1	0	1	0	1.210	0
148	145	11.89	2.23	2.2	75.53	68.59	0	0	533	1	1	1	0	1	0	1.210	0
149	146	11.97	2.16	2.2	76.23	69.6	0	0	506	1	1	1	0	1	0	1.210	0
150	147	12.06	2.12	2.2	76.42	70.1	0.02	0.15	489	1	1	1	0	1	0	1.210	0
151	148	12.14	2.12	2.2	76.11	69.68	0.02	0.16	487	1	1	1	0	1	0	1.190	0
152	149	12.22	2.14	2.2	75.3	69.16	0.02	0.16	490	1	1	1	0	1	0	1.170	0
153	150	12.3	2.09	2.2	74.84	68.22	0.02	0.16	464	1	1	1	0	1	0	1.150	0
154	151	12.38	1.94	2.2	75.16	69.03	0.02	0.16	407	1	1	1	0	1	0	1.130	0
155	152	12.47	1.7	2.2	76.21	71.11	0.02	0.17	332	1	1	1	0	1	0	1.110	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.55	2.1	77.25	72.62	0.02	0.17	294	1	1	1	0	1	0	1.090	0
157	154	12.63	1.51	2.1	77.69	73.12	0.02	0.17	285	1	1	1	0	1	0	1.070	0
158	155	12.71	1.59	2.1	77.25	72.87	0	0	305	1	1	1	0	1	0	1.050	0
159	156	12.8	1.85	2.2	74.77	71.16	0	0	373	1	1	1	0	1	0	1.050	0
160	157	12.88	2.3	2.3	70.01	65.24	0	0	518	1	1	1	0	1	0	1.050	0
161	158	12.96	2.89	2.4	63.86	58.44	0	0	778	1	1	1	0	1	0	1.050	0
162	159	13.04	3.47	2.5	57.53	53.13	0	0	1122	1	1	0	0	1	0	1.050	0
163	160	13.12	3.94	2.5	51.84	47.28	0	0	1451	1	1	0	0	1	0	1.050	0
164	161	13.21	4.3	2.6	46.94	42.68	0	0	1705	1	1	0	0	1	0	1.050	0
165	162	13.29	4.42	2.6	44.26	39.75	0	0	1732	1	0	0	0	1	0	1.050	0
166	163	13.37	4.27	2.6	44	40.18	0	0	1522	1	0	0	0	1	0	1.050	0
167	164	13.45	4.04	2.6	45.11	42.36	0.02	0.27	1306	1	1	0	0	1	0	1.050	0
168	165	13.53	3.91	2.6	46.07	43.29	0.02	0.27	1208	1	1	0	0	1	0	1.030	0
169	166	13.62	3.98	2.6	46.14	43.23	0.02	0.27	1282	1	1	0	0	1	0	1.010	0
170	167	13.7	4.12	2.6	45.8	42.77	0.02	0.27	1424	1	1	0	0	1	0	0.990	0
171	168	13.78	4.15	2.6	46.03	42.51	0.02	0.27	1469	1	1	0	0	1	0	0.970	0
172	169	13.86	4.02	2.6	46.86	44.14	0	0	1353	1	1	0	0	1	0	0.950	0
173	170	13.94	3.73	2.5	48.7	45.45	0	0	[illegible]	1	1	0	0	1	0	0.950	0
174	171	14.03	3.46	2.5	50.85	48.14	0	0	47	1	1	0	0	1	0	0.950	0
175	172	14.11	3.21	2.5	53.49	50.69	0	0	8[illegible]9	1	1	0	0	1	0	0.950	0
176	173	14.19	3.07	2.4	55.63	53.39	0	0	764	1	1	0	0	1	0	0.950	0
177	174	14.27	3.09	2.4	56.85	54.61	0.02	0.2	999	1	1	0	0	1	0	0.950	0
178	175	14.35	3.26	2.4	57.07	54.41	0.02	0.2	929	1	1	0	0	1	0	0.930	0
179	176	14.44	3.55	2.5	56.08	54.15	0.02	0.2	1161	1	1	0	0	1	0	0.910	0
180	177	14.52	3.94	2.5	52.77	51.85	0.02	0.21	1485	1	1	0	0	1	0	0.890	0
181	178	14.6	4.39	2.6	48.1	45.08	0.02	0.25	1895	1	1	0	0	1	0	0.870	0
182	179	14.68	4.83	2.6	43.4	41.04	0	[illegible]	2338	1	0	0	0	1	0	0.850	0
183	180	14.76	5.18	2.7	40.08	38.66	0	0	2746	1	0	0	0	1	0	0.850	0
184	181	14.85	5.36	2.7	38.29	35.79	0	0	2952	1	0	0	0	1	0	0.850	0
185	182	14.93	5.28	2.7	37.89	36.17	0	0	2732	1	0	0	0	1	0	0.850	0
186	183	15.01	5.02	2.7	38.92	37.77	0	0	2322	1	0	0	0	1	0	0.850	0
187	184	15.09	4.96	2.7	39.59	39.05	0	0	2271	1	0	0	0	1	0	0.850	0
188	185	15.17	5.13	2.7	39.3	38.36	0	0	2566	1	0	0	0	1	0	0.850	0
189	186	15.26	5.46	2.7	38.44	37.13	0	0	3207	1	0	0	0	1	0	0.850	0
190	187	15.34	5.65	2.7	38.18	36.77	0	0	3672	1	0	0	0	1	0	0.850	0
191	188	15.42	5.65	2.7	38.83	37.81	0	0	3765	1	0	0	0	1	0	0.850	0
192	189	15.5	5.57	2.7	39.71	39.23	0	0	3660	1	0	0	0	1	0	0.850	0
193	190	15.58	5.41	2.7	40.05	39.6	0	0	3278	1	0	0	0	1	0	0.850	0
194	191	15.67	5.16	2.7	40.14	39.13	0	0	2710	1	0	0	0	1	0	0.850	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	4.72	2.7	40.51	39.85	0	0	1942	1	0	0	0	1	0	0.850	0
196	193	15.83	4.42	2.6	41.2	41.04	0	0	1565	1	0	0	0	1	0	0.850	0
197	194	15.91	4.28	2.6	41.8	41.49	0	0	1427	1	0	0	0	1	0	0.850	0
198	195	15.99	4.31	2.6	42.2	41.88	0	0	1482	1	0	0	0	1	0	0.850	0
199	196	16.08	4.38	2.6	42.43	42.43	0	0	1580	1	0	0	0	1	0	0.850	0
200	197	16.16	4.49	2.6	42.45	42.4	0	0	1728	1	0	0	0	1	0	0.850	0
201	198	16.24	4.63	2.6	42.24	42.22	0	0	1920	1	0	0	0	1	0	0.850	0
202	199	16.32	4.76	2.7	41.91	42.06	0	0	2105	1	0	0	0	1	0	0.850	0
203	200	16.4	4.85	2.7	41.77	41.67	0	0	2250	1	0	0	0	1	0	0.850	0
204	201	16.49	4.94	2.7	41.88	42.07	0	0	2424	1	0	0	0	1	0	0.850	0
205	202	16.57	4.97	2.7	42.13	42.65	0	0	2503	1	0	0	0	1	0	0.850	0
206	203	16.65	5.01	2.7	41.9	42.67	0	0	2563	1	0	0	0	1	0	0.850	0
207	204	16.73	5.12	2.7	40.98	41.69	0	0	2706	1	0	0	0	1	0	0.850	0
208	205	16.81	5.37	2.7	39.49	40.16	0	0	3114	1	0	0	0	1	0	0.850	0
209	206	16.9	5.61	2.7	38.41	38.53	0	0	3593	1	0	0	0	1	0	0.850	0
210	207	16.98	5.7	2.7	37.75	38.73	0	0	3750	1	0	0	0	1	0	0.850	0
211	208	17.06	5.65	2.7	37.28	38.43	0	0	3543	1	0	0	0	1	0	0.850	0
212	209	17.14	5.56	2.7	36.53	37.4	0	0	[illegible]	1	0	0	0	1	0	0.850	0
213	210	17.22	5.43	2.7	35.83	36.71	0	0	[illegible]	1	0	0	0	1	0	0.850	0
214	211	17.31	5.24	2.7	35.43	36.56	0	0	[illegible]	1	0	0	0	1	0	0.850	0
215	212	17.39	5.04	2.7	34.93	36.41	0	0	[illegible]	1	0	0	0	1	0	0.850	0
216	213	17.47	4.95	2.7	34.34	35.46	0	0	[illegible]	1	0	0	0	1	0	0.850	0
217	214	17.55	4.94	2.7	33.76	35.01	0	0	1754	1	0	0	0	1	0	0.850	0
218	215	17.63	4.96	2.7	33.47	34.9	0	0	1758	1	0	0	0	1	0	0.850	0
219	216	17.72	4.89	2.7	33.4	34.8	0	0	1658	1	0	0	0	1	0	0.850	0
220	217	17.8	4.78	2.7	33.49	34.98	0	0	1527	1	0	0	0	1	0	0.850	0
221	218	17.88	4.67	2.7	33.63	35.37	0	0	1408	1	0	0	0	1	0	0.850	0
222	219	17.96	4.7	2.7	33.42	35.45	0	0	1428	1	0	0	0	1	0	0.850	0
223	220	18.04	4.83	2.7	32.66	34.54	0	0	1525	1	0	0	0	1	0	0.850	0
224	221	18.13	5.04	2.8	31.44	33.28	0	0	1691	1	0	0	0	1	0	0.850	0
225	222	18.21	5.23	2.8	29.97	31.93	0	0	1808	1	0	0	0	1	0	0.850	0
226	223	18.29	5.44	2.8	28.81	30.25	0	0	1986	1	0	0	0	1	0	0.850	0
227	224	18.37	5.56	2.8	28.31	29.91	0	0	2110	1	0	0	0	1	0	0.850	0
228	225	18.45	5.58	2.8	28.44	30.59	0	0	2161	1	0	0	0	1	0	0.850	0
229	226	18.54	5.64	2.8	28.4	30.83	0	0	2256	1	0	0	0	1	0	0.850	0
230	227	18.62	5.8	2.8	27.52	30	0	0	2407	1	0	0	0	1	0	0.850	0
231	228	18.7	6	2.9	26.03	28.1	0	0	2520	1	0	0	0	1	0	0.850	0
232	229	18.78	5.39	2.9	24.33	26.41	0	0	1386	1	0	0	0	1	0	0.850	0
233	230	18.86	4.72	2.8	22.66	24.75	0	0	705	1	0	0	0	1	0	0.850	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.97	2.8	21.2	22.94	0	0	329	1	0	0	0	1	0	0.850	0
235	232	19.03	4	2.8	19.73	21.81	0	0	280	1	0	0	0	1	0	0.850	0
236	233	19.11	3.94	2.9	18.56	20.3	0	0	223	1	0	0	0	1	0	0.850	0
237	234	19.19	3.9	2.9	17.68	19.35	0	0	185	1	0	0	0	1	0	0.850	0
238	235	19.27	4.04	2.9	17.2	19.17	0	0	188	1	0	0	0	1	0	0.850	0
239	236	19.36	4.21	2.9	17.03	18.9	0	0	208	1	0	0	0	1	0	0.850	0
240	237	19.44	4.35	2.9	16.86	18.9	0	0	225	1	0	0	0	1	0	0.850	0
241	238	19.52	4.38	2.9	16.65	18.71	0	0	219	1	0	0	0	1	0	0.850	0
242	239	19.6	4.41	2.9	16.23	18.3	0	0	202	1	0	0	0	1	0	0.850	0
243	240	19.68	4.46	3.0	15.64	17.64	0	0	177	1	0	0	0	1	0	0.850	0
244	241	19.77	4.51	3.0	14.99	16.92	0	0	146	1	0	0	0	1	0	0.850	0
245	242	19.85	4.5	3.0	14.31	16.29	0	0	105	1	0	0	0	1	0	0.850	0
246	243	19.93	4.48	3.0	13.67	15.55	0	0	67	1	0	0	1	1	0	0.850	0
247	244	20.01	4.45	3.0	13.1	14.92	0	0	34	1	0	0	1	1	0	0.850	0
248	245	20.09	4.41	3.0	12.59	14.52	0	0	5	1	0	0	1	1	0	0.850	0
249	246	20.18	4.35	3.0	12.1	13.99	0	0	-21	1	0	0	1	1	0	0.850	0
250	247	20.26	4.29	3.0	11.6	13.38	0	0	-44	1	0	0	1	1	0	0.850	0
251	248	20.34	4.23	3.1	11.19	12.98	0	0	-61	1	0	0	1	1	0	0.850	0
252	249	20.42	4.13	3.1	10.92	12.71	0	0	68	1	0	0	1	1	0	0.850	0
253	250	20.5	3.94	3.0	10.66	12.56	0	0	-[illegible]8	1	0	0	1	1	0	0.850	0
254	251	20.59	3.73	3.0	10.34	12.2	0	0	-67	1	0	0	1	1	0	0.850	0
255	252	20.67	3.64	3.1	9.98	11.74	0	0	72	1	0	0	1	1	0	0.850	0
256	253	20.75	3.67	3.1	9.81	11.44	0	0	-79	1	0	0	1	1	0	0.850	0
257	254	20.83	3.81	3.1	9.81	11.67	0	0	-89	1	0	0	1	1	0	0.850	0
258	255	20.92	3.86	3.1	10.01	11.79	0	0	-86	1	0	0	1	1	0	0.850	0
259	256	21	4.04	3.1	10.14	12.15	0	0	-94	1	0	0	1	1	0	0.850	0
260	257	21.08	4.19	3.1	10.32	12.15	0	0	-99	1	0	0	1	1	0	0.850	0
261	258	21.16	4.4	3.1	10.48	12.4	0	0	-108	1	0	0	1	1	0	0.850	0
262	259	21.24	4.49	3.1	10.72	12.73	0	0	-103	1	0	0	1	1	0	0.850	0
263	260	21.33	4.53	3.1	10.95	12.99	0	0	-92	1	0	0	1	1	0	0.850	0
264	261	21.41	4.59	3.1	11.01	13.22	0	0	-93	1	0	0	1	1	0	0.850	0
265	262	21.49	4.7	3.1	11.13	12.99	0	0	-94	1	0	0	1	1	0	0.850	0
266	263	21.57	4.82	3.1	11.54	13.44	0	0	-72	1	0	0	1	1	0	0.850	0
267	264	21.65	4.72	3.0	12.55	14.66	0	0	3	1	0	0	1	1	0	0.850	0
268	265	21.74	4.67	3.0	13.35	16.45	0	0	57	1	0	0	1	1	0	0.850	0
269	266	21.82	4.74	3.0	13.53	16.23	0	0	73	1	0	0	1	1	0	0.850	0
270	267	21.9	5.03	3.0	12.93	15.44	0	0	38	1	0	0	1	1	0	0.850	0
271	268	21.98	5.22	3.1	12.29	14.55	0	0	-22	1	0	0	1	1	0	0.850	0
272	269	22.06	4.97	3.1	12.36	14.14	0	0	-12	1	0	0	1	1	0	0.850	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	4.37	3.0	13.21	15.73	0	0	37	1	0	0	1	1	0	0.850	0
274	271	22.23	3.63	2.9	14.69	17.49	0	0	62	1	0	0	1	1	0	0.850	0
275	272	22.31	3.25	2.9	16.23	19.21	0	0	77	1	0	0	1	1	0	0.850	0
276	273	22.39	3.08	2.8	17.65	21.04	0	0	92	1	0	0	0	1	0	0.850	0
277	274	22.47	3.08	2.8	18.83	22.15	0	0	113	1	0	0	0	1	0	0.850	0
278	275	22.56	3.14	2.8	19.4	23.21	0	0	130	1	0	0	0	1	0	0.850	0
279	276	22.64	3.28	2.8	19.5	23.09	0	0	148	1	0	0	0	1	0	0.850	0
280	277	22.72	3.48	2.8	19.1	22.71	0	0	166	1	0	0	0	1	0	0.850	0
281	278	22.8	3.6	2.8	18.41	22.12	0	0	164	1	0	0	0	1	0	0.850	0
282	279	22.88	3.63	2.8	18.11	20.97	0	0	160	1	0	0	0	1	0	0.850	0
283	280	22.97	3.42	2.8	19.29	21.83	0	0	162	1	0	0	0	1	0	0.850	0
284	281	23.05	3.23	2.8	20.98	26.07	0	0	172	1	0	0	0	1	0	0.850	0
285	282	23.13	3.25	2.8	21.8	26.6	0	0	192	1	0	0	0	1	0	0.850	0
286	283	23.21	3.59	2.8	20.91	24.7	0	0	232	1	0	0	0	1	0	0.850	0
287	284	23.29	4.15	2.9	19.42	23.47	0	0	303	1	0	0	0	1	0	0.850	0
288	285	23.38	4.69	2.9	18.44	21.93	0	0	402	1	0	0	0	1	0	0.850	0
289	286	23.46	5.25	3.0	16.8	21.4	0	0	452	1	0	0	0	1	0	0.850	0
290	287	23.54	5.81	3.0	14.84	17.85	0	0	378	1	0	0	0	1	0	0.850	0
291	288	23.62	6.19	3.1	13.1	15.16	0	0	29	1	0	0	0	1	0	0.850	0
292	289	23.7	5.75	3.1	12.88	15.39	0	0	9	1	0	0	1	1	0	0.850	0
293	290	23.79	4.62	3.0	14.75	17.15	0	0	144	1	0	0	0	1	0	0.850	0
294	291	23.87	3.86	2.9	18.04	21.76	0	0	191	1	0	0	0	1	0	0.850	0
295	292	23.95	3.56	2.8	21.17	27.13	0	0	233	1	0	0	0	1	0	0.850	0
296	293	24.03	3.59	2.8	22.68	27.85	0	0	281	1	0	0	0	1	0	0.850	0
297	294	24.11	3.49	2.8	22.84	27.07	0	0	262	1	0	0	0	1	0	0.850	0
298	295	24.2	3.04	2.7	24.83	27.69	0	0	213	1	0	0	0	1	0	0.850	0
299	296	24.28	2.3	2.5	30.64	34.29	0	0	163	1	1	1	0	1	0	0.850	0
300	297	24.36	1.66	2.4	39.18	45.81	0	0	134	1	1	1	0	1	0	0.850	0
301	298	24.44	1.24	2.2	47.41	54.83	0	0	118	1	1	1	0	1	0	0.850	0
302	299	24.52	0.97	2.1	53.35	59.67	0	0	107	1	1	1	0	1	0	0.850	0
303	300	24.61	0.79	2.0	57.6	63.32	0	0	99	1	1	1	0	1	0	0.850	0
304	301	24.69	0.71	2.0	60.81	66.69	0	0	98	1	1	1	0	1	0	0.850	0
305	302	24.77	0.7	2.0	62.97	68.84	0.02	0.27	102	1	1	1	0	1	0	0.850	0
306	303	24.85	0.75	2.0	63.98	70.09	0.02	0.26	109	1	1	1	0	1	0	0.830	0
307	304	24.93	0.8	2.0	63.88	70.67	0.02	0.24	114	1	1	1	0	1	0	0.810	0
308	305	25.02	0.84	2.0	62.87	69.53	0.02	0.23	116	1	1	1	0	1	0	0.790	0
309	306	25.1	0.87	2.0	61.31	67.72	0.02	0.23	116	1	1	1	0	1	0	0.770	0
310	307	25.18	0.89	2.1	59.87	66.16	0.02	0.23	115	1	1	1	0	1	0	0.750	0
311	308	25.26	0.9	2.1	58.94	65.28	0.02	0.23	114	1	1	1	0	1	0	0.730	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	0.91	2.1	58.72	65.01	0.02	0.23	114	1	1	1	0	1	0	0.710	0
313	310	25.43	0.93	2.1	59.03	65.64	0.02	0.23	117	1	1	1	0	1	0	0.690	0
314	311	25.51	0.91	2.1	59.99	66.5	0.02	0.23	117	1	1	1	0	1	0	0.670	0
315	312	25.59	0.85	2.0	61.33	67.94	0.02	0.23	114	1	1	1	0	1	0	0.650	0
316	313	25.67	0.75	2.0	63.18	69.12	0.02	0.26	107	1	1	1	0	1	0	0.630	0
317	314	25.75	0.7	2.0	65.68	71.04	0.02	0.28	107	1	1	1	0	1	0	0.610	0
318	315	25.84	0.69	2.0	68.24	74.78	0.02	0.27	111	1	1	1	0	1	0	0.590	0
319	316	25.92	0.69	1.9	71.09	76.72	0.02	0.27	117	1	1	1	0	1	0	0.570	0
320	317	26	0.7	1.9	74.08	79.96	0.02	0.27	124	1	1	1	0	1	0	0.550	0
321	318	26.08	0.67	1.9	77.89	83.86	0.02	0.28	128	1	1	1	0	1	0	0.530	0
322	319	26.16	0.64	1.9	81.74	87.75	0.02	0.3	131	1	1	1	0	1	0	0.510	0
323	320	26.25	0.61	1.8	85.32	90.59	0.02	0.32	134	1	1	1	0	1	0	0.490	0
324	321	26.33	0.61	1.8	87.94	93.96	0.02	0.31	139	1	1	1	0	1	0	0.470	0
325	322	26.41	0.66	1.9	88.04	95.99	0.02	0.27	146	1	1	1	0	1	0	0.450	0
326	323	26.49	0.73	1.9	85.97	92.69	0.02	0.24	152	1	1	1	0	1	0	0.430	0
327	324	26.57	0.85	1.9	82.66	90.26	0.01	0.19	163	1	1	1	0	1	0	0.410	0
328	325	26.66	0.95	2.0	80.37	88.96	0.01	0.17	174	1	1	1	0	1	0	0.400	0
329	326	26.74	1.04	2.0	78.67	88.21	0.01	0.15	185	1	1	1	0	1	0	0.390	0
330	327	26.82	1.1	2.0	77.34	86.79	0.01	0.14	192	1	1	1	0	1	0	0.380	0
331	328	26.9	1.14	2.0	75.49	86.01	0.01	0.14	194	1	1	1	0	1	0	0.370	0
332	329	26.98	1.16	2.1	73.32	82.95	0.01	0.15	191	1	1	1	0	1	0	0.360	0
333	330	27.07	1.11	2.1	71.71	79.91	0.01	0.16	177	1	1	1	0	1	0	0.350	0
334	331	27.15	1.04	2.0	70.72	80.19	0.01	0.16	163	1	1	1	0	1	0	0.340	0
335	332	27.23	0.99	2.0	71.22	78.83	0.01	0.18	157	1	1	1	0	1	0	0.330	0
336	333	27.31	0.93	2.0	73.19	80.67	0.01	0.19	153	1	1	1	0	1	0	0.320	0
337	334	27.39	0.85	2.0	77.54	85.41	0.01	0.2	152	1	1	1	0	1	0	0.310	0
338	335	27.48	0.77	1.9	83.23	91.02	0.01	0.2	152	1	1	1	0	1	0	0.300	0
339	336	27.56	0.72	1.9	90.01	96.32	0.02	0.25	159	1	1	1	0	1	0	0.290	0
340	337	27.64	0.71	1.8	97.04	104.7	0.02	0.24	172	1	1	1	0	1	0	0.270	0
341	338	27.72	0.72	1.8	104.32	112.39	0.01	0.22	188	1	1	1	0	1	0	0.250	0
342	339	27.8	0.74	1.8	111.69	119.64	0.01	0.19	208	1	1	1	0	1	0	0.240	0
343	340	27.89	0.7	1.8	121.88	129.07	0.01	0.15	220	1	1	1	0	1	0	0.230	0
344	341	27.97	0.64	1.7	135.98	145.47	0.01	0.1	234	1	1	1	0	1	0	0.220	0
345	342	28.05	0.57	1.6	152.12	165.73	0.01	0.06	247	0	1	1	0	1	0	0.210	0
346	343	28.13	0.53	1.6	162.91	181.18	0	0.02	256	0	1	1	0	1	0	0.200	0
347	344	28.21	0.51	1.6	165.09	180.6	0	0.03	255	0	1	1	0	1	0	0.200	0
348	345	28.3	0.54	1.6	158.66	172.01	0.01	0.05	251	0	1	1	0	1	0	0.200	0
349	346	28.38	0.59	1.6	149.87	161.27	0.01	0.07	248	0	1	1	0	1	0	0.190	0
350	347	28.46	0.65	1.7	141.51	152.82	0.01	0.09	247	1	1	1	0	1	0	0.180	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	0.68	1.7	136.3	145.91	0.01	0.1	244	1	1	1	0	1	0	0.170	0
352	349	28.63	0.69	1.7	133.54	144.38	0.01	0.11	241	1	1	1	0	1	0	0.160	0
353	350	28.71	0.67	1.7	132.33	144.09	0.01	0.11	234	1	1	1	0	1	0	0.150	0
354	351	28.79	0.62	1.7	132.49	141.4	0.01	0.11	223	1	1	1	0	1	0	0.140	0
355	352	28.87	0.54	1.6	135.17	143.48	0.01	0.11	211	1	1	1	0	1	0	0.130	0
356	353	28.95	0.47	1.6	140.3	150.35	0.01	0.09	205	1	1	1	0	1	0	0.120	0
357	354	29.04	0.44	1.6	145.1	155.89	0.01	0.08	207	1	1	1	0	1	0	0.110	0
358	355	29.12	0.45	1.6	145.51	158.27	0.01	0.07	209	1	1	1	0	1	0	0.100	0
359	356	29.2	0.49	1.6	143.44	152.3	0.01	0.09	214	1	1	1	0	1	0	0.090	0
360	357	29.28	0.54	1.6	140.23	150.86	0.01	0.09	220	1	1	1	0	1	0	0.080	0
361	358	29.36	0.57	1.7	138.95	149.62	0.01	0.09	224	1	1	1	0	1	0	0.070	0
362	359	29.45	0.6	1.7	136.35	149.26	0.01	0.09	226	1	1	1	0	1	0	0.060	0
363	360	29.53	0.62	1.7	132.35	143.66	0.01	0.11	223	1	1	1	0	1	0	0.050	0
364	361	29.61	0.66	1.7	124.65	136.92	0.01	0.13	217	1	1	1	0	1	0	0.040	0
365	362	29.69	0.69	1.8	116.29	124.65	0.01	0.17	207	1	1	1	0	1	0	0.030	0
366	363	29.77	0.7	1.8	108.27	116.39	0.01	0.21	193	1	1	1	0	1	0	0.020	0
367	364	29.86	0.71	1.8	102.29	110.63	0.01	0.22	182	1	1	1	0	1	0	0.010	0
368	365	29.94	0.72	1.8	97.75	105.5	0	0	175	1	1	1	0	1	0	0.000	0
369	366	30.02	0.75	1.9	92.33	102.74	0	0	169	1	1	1	0	1	0	0.000	0
370	367	30.1	0.78	1.9	86.9	95.07	0	0	162	1	1	1	0	1	0	0.000	0
371	368	30.18	0.84	1.9	79.38	90.54	0	0	154	1	1	1	0	1	0	0.000	0
372	369	30.27	0.92	2.0	71.5	81.13	0	0	147	1	1	1	0	1	0	0.000	0
373	370	30.35	1.09	2.1	61.61	72.19	0	0	144	1	1	1	0	1	0	0.000	0
374	371	30.43	1.35	2.2	50.9	60.63	0	0	144	1	1	1	0	1	0	0.000	0
375	372	30.51	1.89	2.4	37.93	47.91	0	0	158	1	1	1	0	1	0	0.000	0
376	373	30.59	2.72	2.6	26.06	30.65	0	0	177	1	0	1	0	1	0	0.000	0
377	374	30.68	3.79	2.9	17.04	21.06	0	0	148	1	0	0	0	1	0	0.000	0
378	375	30.76	4.38	3.0	12.61	15.85	0	0	6	1	0	0	1	1	0	0.000	0
379	376	30.84	4.25	3.1	10.24	13.68	0	0	-107	1	0	0	1	1	0	0.000	0
380	377	30.92	3.62	3.1	8.97	12.09	0	0	-100	1	0	0	1	1	0	0.000	0
381	378	31	2.66	3.0	8.31	11.04	0	0	-52	1	0	1	1	1	0	0.000	0
382	379	31.09	1.81	3.0	8.09	11.09	0	0	-25	1	0	1	1	1	0	0.000	0
383	380	31.17	1.39	2.9	8	11.09	0	0	-18	1	0	1	1	1	0	0.000	0
384	381	31.25	1.31	2.9	7.78	10.51	0	0	-17	1	0	1	1	1	0	0.000	0
385	382	31.33	1.64	3.0	7.76	10.05	0	0	-23	1	0	1	1	1	0	0.000	0
386	383	31.41	2.02	3.0	8.21	10.81	0	0	-30	1	0	1	1	1	0	0.000	0
387	384	31.5	2.44	3.0	9.35	11.98	0	0	-32	1	0	1	1	1	0	0.000	0
388	385	31.58	2.42	2.9	11.75	14.19	0	0	-8	1	0	1	1	1	0	0.000	0
389	386	31.66	2.32	2.8	14.65	19.73	0	0	20	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	2.41	2.8	16.12	23.13	0	0	36	1	0	1	1	1	0	0.000	0
391	388	31.82	2.83	2.9	14.56	20.07	0	0	30	1	0	1	1	1	0	0.000	0
392	389	31.91	3.79	3.0	11.36	14.9	0	0	-37	1	0	0	1	1	0	0.000	0
393	390	31.99	4.84	3.2	8.56	11.31	0	0	-300	1	0	0	1	1	0	0.000	0
394	391	32.07	5.27	3.3	6.94	9.46	0	0	-594	1	0	0	1	1	0	0.000	0
395	392	32.15	4.55	3.3	6.21	8.68	0	0	-381	1	0	0	1	1	0	0.000	0
396	393	32.23	3.69	3.2	5.92	8.43	0	0	-197	1	0	0	1	1	0	0.000	0
397	394	32.32	3.24	3.2	5.77	8.24	0	0	-138	1	0	0	1	1	0	0.000	0
398	395	32.4	3.42	3.2	5.63	8	0	0	-164	1	0	0	1	1	0	0.000	0
399	396	32.48	3.76	3.3	5.5	7.74	0	0	-222	1	0	0	1	1	0	0.000	0
400	397	32.56	4.11	3.3	5.39	7.68	0	0	-301	1	0	0	1	1	0	0.000	0
401	398	32.64	4.34	3.3	5.28	7.54	0	0	-369	1	0	0	1	1	0	0.000	0
402	399	32.73	4.55	3.3	5.17	7.39	0	0	-444	1	0	0	1	1	0	0.000	0
403	400	32.81	4.71	3.4	5.08	7.3	0	0	-510	1	0	0	1	1	0	0.000	0
404	401	32.89	4.93	3.4	5.01	7.22	0	0	-613	1	0	0	1	1	0	0.000	0
405	402	32.97	5.13	3.4	4.94	7.18	0	0	-724	1	0	0	1	1	0	0.000	0
406	403	33.05	5.33	3.4	4.89	7.13	0	0	-851	1	0	0	1	1	0	0.000	0
407	404	33.14	5.46	3.4	4.84	7.1	0	0	-947	1	0	0	1	1	0	0.000	0
408	405	33.22	5.51	3.4	4.8	7.06	0	0	-989	1	0	0	1	1	0	0.000	0
409	406	33.3	5.52	3.4	4.78	7.03	0	0	-999	1	0	0	1	1	0	0.000	0
410	407	33.38	5.53	3.4	4.73	7.03	0	0	-1014	1	0	0	1	1	0	0.000	0
411	408	33.46	5.39	3.4	4.66	6.88	0	0	-918	1	0	0	1	1	0	0.000	0
412	409	33.55	5.21	3.4	4.54	6.76	0	0	-811	1	0	0	1	1	0	0.000	0
413	410	33.63	5	3.4	4.41	6.58	0	0	-700	1	0	0	1	1	0	0.000	0
414	411	33.71	4.81	3.4	4.27	6.37	0	0	-613	1	0	0	1	1	0	0.000	0
415	412	33.79	4.62	3.4	4.17	6.22	0	0	-533	1	0	0	1	1	0	0.000	0
416	413	33.87	4.57	3.4	4.15	6.14	0	0	-514	1	0	0	1	1	0	0.000	0
417	414	33.96	4.97	3.4	4.41	6.18	0	0	-684	1	0	0	1	1	0	0.000	0
418	415	34.04	4.95	3.3	5.62	7.02	0	0	-572	1	0	0	1	1	0	0.000	0
419	416	34.12	4.51	3.2	7.92	10.51	0	0	-269	1	0	0	1	1	0	0.000	0
420	417	34.2	4.1	3.1	10.56	14.93	0	0	-82	1	0	0	1	1	0	0.000	0
421	418	34.28	3.81	3.0	12.79	17.58	0	0	10	1	0	0	1	1	0	0.000	0
422	419	34.37	3.64	2.9	14.19	19.7	0	0	49	1	0	0	1	1	0	0.000	0
423	420	34.45	3.7	2.9	14.18	20.85	0	0	51	1	0	0	1	1	0	0.000	0
424	421	34.53	4.23	3.0	12.41	17.65	0	0	-4	1	0	0	1	1	0	0.000	0
425	422	34.61	4.97	3.1	9.71	12.9	0	0	-236	1	0	0	1	1	0	0.000	0
426	423	34.69	5.68	3.3	7.42	10.41	0	0	-743	1	0	0	1	1	0	0.000	0
427	424	34.78	5.69	3.3	6.06	8.82	0	0	-949	1	0	0	1	1	0	0.000	0
428	425	34.86	5.84	3.4	4.99	7.63	0	0	-1240	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	5.82	3.5	4.27	6.31	0	0	-1339	1	0	0	1	1	0	0.000	0
430	427	35.02	5.48	3.5	3.84	5.91	0	0	-1087	1	0	0	1	1	0	0.000	0
431	428	35.1	4.8	3.5	3.77	5.84	0	0	-645	1	0	0	1	1	0	0.000	0
432	429	35.19	4.34	3.4	3.79	5.84	0	0	-445	1	0	0	1	1	0	0.000	0
433	430	35.27	4	3.4	3.82	5.89	0	0	-336	1	0	0	1	1	0	0.000	0
434	431	35.35	3.8	3.4	3.86	5.91	0	0	-284	1	0	0	1	1	0	0.000	0
435	432	35.43	3.43	3.4	3.87	5.92	0	0	-208	1	0	0	1	1	0	0.000	0
436	433	35.51	3.33	3.4	3.82	5.89	0	0	-192	1	0	0	1	1	0	0.000	0
437	434	35.6	3.37	3.4	3.78	5.72	0	0	-200	1	0	0	1	1	0	0.000	0
438	435	35.68	3.6	3.4	3.73	5.7	0	0	-244	1	0	0	1	1	0	0.000	0
439	436	35.76	3.73	3.4	3.73	5.64	0	0	-272	1	0	0	1	1	0	0.000	0
440	437	35.84	3.93	3.4	3.68	5.64	0	0	-323	1	0	0	1	1	0	0.000	0
441	438	35.92	4.13	3.5	3.55	5.51	0	0	-386	1	0	0	1	1	0	0.000	0
442	439	36.01	4.24	3.5	3.35	5.18	0	0	-431	1	0	0	1	1	0	0.000	0
443	440	36.09	4.25	3.5	3.16	4.96	0	0	-444	1	0	0	1	1	0	0.000	0
444	441	36.17	4.14	3.5	3.07	4.81	0	0	-410	1	0	0	1	1	0	0.000	0
445	442	36.25	4	3.5	3.06	4.8	0	0	-366	1	0	0	1	1	0	0.000	0
446	443	36.33	3.77	3.5	3.13	4.87	0	0	-300	1	0	0	1	1	0	0.000	0
447	444	36.42	3.6	3.5	3.22	4.99	0	0	-258	1	0	0	1	1	0	0.000	0
448	445	36.5	3.67	3.5	3.29	5.08	0	0	-271	1	0	0	1	1	0	0.000	0
449	446	36.58	3.91	3.5	3.34	5.14	0	0	-329	1	0	0	1	1	0	0.000	0
450	447	36.66	4.1	3.5	3.35	5.17	0	0	-385	1	0	0	1	1	0	0.000	0
451	448	36.74	4.24	3.5	3.34	5.18	0	0	-432	1	0	0	1	1	0	0.000	0
452	449	36.83	4.38	3.5	3.31	5.15	0	0	-485	1	0	0	1	1	0	0.000	0
453	450	36.91	4.61	3.5	3.28	5.12	0	0	-586	1	0	0	1	1	0	0.000	0
454	451	36.99	4.65	3.5	3.25	5.12	0	0	-607	1	0	0	1	1	0	0.000	0
455	452	37.07	4.56	3.5	3.19	5.04	0	0	-568	1	0	0	1	1	0	0.000	0
456	453	37.16	4.39	3.5	3.11	4.91	0	0	-500	1	0	0	1	1	0	0.000	0
457	454	37.24	4.29	3.5	3.02	4.83	0	0	-465	1	0	0	1	1	0	0.000	0
458	455	37.32	4.12	3.5	2.96	4.67	0	0	-408	1	0	0	1	1	0	0.000	0
459	456	37.4	3.82	3.5	2.93	4.63	0	0	-320	1	0	0	1	1	0	0.000	0
460	457	37.48	3.53	3.5	2.96	4.63	0	0	-250	1	0	0	1	1	0	0.000	0
461	458	37.57	3.42	3.5	3.04	4.71	0	0	-226	1	0	0	1	1	0	0.000	0
462	459	37.65	3.52	3.5	3.15	4.88	0	0	-243	1	0	0	1	1	0	0.000	0
463	460	37.73	3.66	3.5	3.27	5.06	0	0	-270	1	0	0	1	1	0	0.000	0
464	461	37.81	3.85	3.5	3.38	5.23	0	0	-312	1	0	0	1	1	0	0.000	0
465	462	37.89	4.06	3.5	3.47	5.34	0	0	-368	1	0	0	1	1	0	0.000	0
466	463	37.98	4.27	3.5	3.56	5.49	0	0	-432	1	0	0	1	1	0	0.000	0
467	464	38.06	4.42	3.5	3.61	5.59	0	0	-485	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	4.5	3.5	3.63	5.59	0	0	-516	1	0	0	1	1	0	0.000	0
469	466	38.22	4.49	3.5	3.61	5.58	0	0	-513	1	0	0	1	1	0	0.000	0
470	467	38.3	4.46	3.5	3.58	5.51	0	0	-502	1	0	0	1	1	0	0.000	0
471	468	38.39	4.43	3.5	3.56	5.45	0	0	-492	1	0	0	1	1	0	0.000	0
472	469	38.47	4.43	3.5	3.57	5.47	0	0	-491	1	0	0	1	1	0	0.000	0
473	470	38.55	4.37	3.5	3.63	5.51	0	0	-465	1	0	0	1	1	0	0.000	0
474	471	38.63	4.22	3.4	3.72	5.64	0	0	-407	1	0	0	1	1	0	0.000	0
475	472	38.71	4.03	3.4	3.82	5.8	0	0	-345	1	0	0	1	1	0	0.000	0
476	473	38.8	3.9	3.4	3.92	5.91	0	0	-306	1	0	0	1	1	0	0.000	0
477	474	38.88	3.82	3.4	4.03	6.04	0	0	-283	1	0	0	1	1	0	0.000	0
478	475	38.96	3.92	3.4	4.09	6.09	0	0	-305	1	0	0	1	1	0	0.000	0
479	476	39.04	3.9	3.4	4.12	6.05	0	0	-299	1	0	0	1	1	0	0.000	0
480	477	39.12	3.87	3.4	4.08	6.07	0	0	-293	1	0	0	1	1	0	0.000	0
481	478	39.21	3.54	3.4	4.06	5.99	0	0	-223	1	0	0	1	1	0	0.000	0
482	479	39.29	3.31	3.4	4.04	6.02	0	0	-184	1	0	0	1	1	0	0.000	0
483	480	39.37	3.05	3.3	4.02	5.96	0	0	-148	1	0	0	1	1	0	0.000	0
484	481	39.45	2.9	3.3	3.98	5.85	0	0	-130	1	0	1	1	1	0	0.000	0
485	482	39.53	2.7	3.3	3.95	5.82	0	0	-10	1	0	1	1	1	0	0.000	0
486	483	39.62	2.57	3.3	3.93	5.88	0	0	98	1	0	1	1	1	0	0.000	0
487	484	39.7	2.47	3.3	3.88	5.79	0	0	-9	1	0	1	1	1	0	0.000	0
488	485	39.78	2.43	3.3	3.79	5.6	0	0	-8	1	0	1	1	1	0	0.000	0
489	486	39.86	2.45	3.3	3.75	5.5	0	0	-90	1	0	1	1	1	0	0.000	0
490	487	39.94	2.53	3.3	3.86	5.56	0	0	-95	1	0	1	1	1	0	0.000	0
491	488	40.03	2.57	3.3	4.16	5.93	0	0	-95	1	0	1	1	1	0	0.000	0
492	489	40.11	2.7	3.3	4.63	6.54	0	0	-101	1	0	1	1	1	0	0.000	0
493	490	40.19	3	3.2	5.11	7.34	0	0	-123	1	0	0	1	1	0	0.000	0
494	491	40.27	3.46	3.3	5.3	7.85	0	0	-178	1	0	0	1	1	0	0.000	0
495	492	40.35	3.9	3.3	5.2	7.51	0	0	-260	1	0	0	1	1	0	0.000	0
496	493	40.44	4.12	3.3	5.01	7.22	0	0	-320	1	0	0	1	1	0	0.000	0
497	494	40.52	3.88	3.3	5	7.29	0	0	-263	1	0	0	1	1	0	0.000	0
498	495	40.6	3.3	3.3	5.06	7.49	0	0	-160	1	0	0	1	1	0	0.000	0
499	496	40.68	2.75	3.2	5.03	7.39	0	0	-100	1	0	1	1	1	0	0.000	0
500	497	40.76	2.6	3.2	4.87	7.2	0	0	-90	1	0	1	1	1	0	0.000	0
501	498	40.85	2.84	3.3	4.67	6.86	0	0	-114	1	0	1	1	1	0	0.000	0
502	499	40.93	3.15	3.3	4.57	6.59	0	0	-150	1	0	0	1	1	0	0.000	0
503	500	41.01	3.16	3.3	4.63	6.72	0	0	-151	1	0	0	1	1	0	0.000	0
504	501	41.09	2.87	3.3	4.72	6.97	0	0	-116	1	0	1	1	1	0	0.000	0
505	502	41.17	2.47	3.2	4.71	7	0	0	-82	1	0	1	1	1	0	0.000	0
506	503	41.26	2.19	3.2	4.5	6.77	0	0	-65	1	0	1	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	2.13	3.2	4.21	6.27	0	0	-64	1	0	1	1	1	0	0.000	0
508	505	41.42	2.08	3.3	3.89	5.88	0	0	-64	1	0	1	1	1	0	0.000	0
509	506	41.5	2	3.3	3.58	5.41	0	0	-61	1	0	1	1	1	0	0.000	0
510	507	41.58	1.93	3.3	3.33	5.03	0	0	-59	1	0	1	1	1	0	0.000	0
511	508	41.67	2.08	3.3	3.19	4.9	0	0	-69	1	0	1	1	1	0	0.000	0
512	509	41.75	2.37	3.4	3.16	4.84	0	0	-90	1	0	1	1	1	0	0.000	0
513	510	41.83	2.56	3.4	3.17	4.93	0	0	-106	1	0	1	1	1	0	0.000	0
514	511	41.91	2.62	3.4	3.19	5.03	0	0	-111	1	0	1	1	1	0	0.000	0
515	512	41.99	2.58	3.4	3.16	5.08	0	0	-108	1	0	1	1	1	0	0.000	0
516	513	42.08	2.61	3.4	3.1	4.95	0	0	-111	1	0	1	1	1	0	0.000	0
517	514	42.16	2.61	3.4	3.15	4.91	0	0	-111	1	0	1	1	1	0	0.000	0
518	515	42.24	2.75	3.4	3.29	5.1	0	0	-124	1	0	1	1	1	0	0.000	0
519	516	42.32	2.88	3.4	3.48	5.35	0	0	-136	1	0	1	1	1	0	0.000	0
520	517	42.4	3.15	3.4	3.62	5.63	0	0	-168	1	0	0	1	1	0	0.000	0
521	518	42.49	3.39	3.4	3.69	5.79	0	0	-205	1	0	0	1	1	0	0.000	0
522	519	42.57	3.77	3.4	3.74	5.86	0	0	-281	1	0	0	1	1	0	0.000	0
523	520	42.65	4.31	3.4	3.79	5.96	0	0	-435	1	0	0	1	1	0	0.000	0
524	521	42.73	4.89	3.5	3.89	6.18	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
525	522	42.81	5.36	3.5	4.02	6.39	0	0	-[illegible]71	1	0	0	1	1	0	0.000	0
526	523	42.9	5.59	3.5	4.14	6.6	0	0	-11[illegible]2	1	0	0	1	1	0	0.000	0
527	524	42.98	5.68	3.5	4.23	6.78	0	0	-1210	1	0	0	1	1	0	0.000	0
528	525	43.06	5.72	3.5	4.26	6.81	0	0	-[illegible]43	1	0	0	1	1	0	0.000	0
529	526	43.14	5.82	3.5	4.27	6.8	0	0	-1339	1	0	0	1	1	0	0.000	0
530	527	43.22	5.94	3.5	4.23	6.79	0	0	-1473	1	0	0	1	1	0	0.000	0
531	528	43.31	6.17	3.5	4.17	6.73	0	0	-1762	1	0	0	1	1	0	0.000	0
532	529	43.39	6.48	3.5	4.07	6.66	0	0	-2242	1	0	0	1	1	0	0.000	0
533	530	43.47	7.14	3.6	3.8	6.58	0	0	-3732	1	0	0	1	1	0	0.000	0
534	531	43.55	7.93	3.6	3.48	5.9	0	0	-6740	1	0	0	1	1	0	0.000	0
535	532	43.63	9	3.7	3.07	5.58	0	0	-14533	1	0	0	1	1	0	0.000	0
536	533	43.72	9.81	3.8	2.75	5.1	0	0	-25483	1	0	0	1	1	0	0.000	0
537	534	43.8	10.51	3.8	2.42	4.63	0	0	-41055	1	0	0	1	1	0	0.000	0
538	535	43.88	10.56	3.8	2.24	4.31	0	0	-43115	1	0	0	1	1	0	0.000	0
539	536	43.96	10.02	3.8	2.17	4.26	0	0	-30880	1	0	0	1	1	0	0.000	0
540	537	44.04	8.98	3.8	2.24	4.22	0	0	-15604	1	0	0	1	1	0	0.000	0
541	538	44.13	7.91	3.8	2.4	4.37	0	0	-7444	1	0	0	1	1	0	0.000	0
542	539	44.21	7.19	3.7	2.62	4.74	0	0	-4392	1	0	0	1	1	0	0.000	0
543	540	44.29	6.91	3.7	2.83	4.97	0	0	-3517	1	0	0	1	1	0	0.000	0
544	541	44.37	6.87	3.6	2.97	5.13	0	0	-3368	1	0	0	1	1	0	0.000	0
545	542	44.45	6.95	3.6	3.07	5.28	0	0	-3530	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	6.98	3.6	3.15	5.32	0	0	-3577	1	0	0	1	1	0	0.000	0
547	544	44.62	6.8	3.6	3.22	5.44	0	0	-3117	1	0	0	1	1	0	0.000	0
548	545	44.7	6.38	3.6	3.29	5.51	0	0	-2276	1	0	0	1	1	0	0.000	0
549	546	44.78	5.83	3.6	3.32	5.56	0	0	-1505	1	0	0	1	1	0	0.000	0
550	547	44.86	5.56	3.6	3.3	5.53	0	0	-1228	1	0	0	1	1	0	0.000	0
551	548	44.95	5.63	3.6	3.25	5.41	0	0	-1303	1	0	0	1	1	0	0.000	0
552	549	45.03	5.99	3.6	3.2	5.3	0	0	-1719	1	0	0	1	1	0	0.000	0
553	550	45.11	6.06	3.6	3.19	5.25	0	0	-1814	1	0	0	1	1	0	0.000	0
554	551	45.19	5.86	3.6	3.22	5.34	0	0	-1556	1	0	0	1	1	0	0.000	0
555	552	45.27	5.43	3.6	3.25	5.36	0	0	-1118	1	0	0	1	1	0	0.000	0
556	553	45.36	5.11	3.5	3.31	5.35	0	0	-866	1	0	0	1	1	0	0.000	0
557	554	45.44	4.76	3.5	3.43	5.52	0	0	-649	1	0	0	1	1	0	0.000	0
558	555	45.52	4.45	3.5	3.59	5.73	0	0	-498	1	0	0	1	1	0	0.000	0
559	556	45.6	4.37	3.4	3.75	5.88	0	0	-458	1	0	0	1	1	0	0.000	0
560	557	45.69	4.39	3.4	3.94	6.09	0	0	-456	1	0	0	1	1	0	0.000	0
561	558	45.77	4.46	3.4	4.2	6.49	0	0	-467	1	0	0	1	1	0	0.000	0
562	559	45.85	4.45	3.4	4.51	6.91	0	0	-446	1	0	0	1	1	0	0.000	0
563	560	45.93	4.56	3.4	4.76	7.45	0	0	-472	1	0	0	1	1	0	0.000	0
564	561	46.01	4.81	3.4	4.93	7.65	0	0	-564	1	0	0	1	1	0	0.000	0
565	562	46.1	5.07	3.4	5.01	7.76	0	0	-634	1	0	0	1	1	0	0.000	0
566	563	46.18	5.4	3.4	4.99	7.88	0	0	-887	1	0	0	1	1	0	0.000	0
567	564	46.26	5.68	3.4	4.97	7.73	0	0	-1101	1	0	0	1	1	0	0.000	0
568	565	46.34	5.8	3.4	4.96	7.76	0	0	-1208	1	0	0	1	1	0	0.000	0
569	566	46.42	5.7	3.4	5.01	7.9	0	0	-1112	1	0	0	1	1	0	0.000	0
570	567	46.51	5.54	3.4	5.04	7.93	0	0	-981	1	0	0	1	1	0	0.000	0
571	568	46.59	5.48	3.4	5.11	7.82	0	0	-928	1	0	0	1	1	0	0.000	0
572	569	46.67	5.44	3.4	5.18	8	0	0	-891	1	0	0	1	1	0	0.000	0
573	570	46.75	5.4	3.4	5.22	8.06	0	0	-859	1	0	0	1	1	0	0.000	0
574	571	46.83	5.28	3.4	5.24	7.84	0	0	-781	1	0	0	1	1	0	0.000	0
575	572	46.92	5.3	3.4	5.28	8.14	0	0	-789	1	0	0	1	1	0	0.000	0
576	573	47	5.47	3.4	5.28	8.22	0	0	-900	1	0	0	1	1	0	0.000	0
577	574	47.08	5.68	3.4	5.22	7.93	0	0	-1065	1	0	0	1	1	0	0.000	0
578	575	47.16	5.78	3.4	5.19	7.94	0	0	-1154	1	0	0	1	1	0	0.000	0
579	576	47.24	5.76	3.4	5.29	8.09	0	0	-1121	1	0	0	1	1	0	0.000	0
580	577	47.33	5.77	3.4	5.43	8.28	0	0	-1107	1	0	0	1	1	0	0.000	0
581	578	47.41	5.81	3.4	5.5	8.53	0	0	-1130	1	0	0	1	1	0	0.000	0
582	579	47.49	5.77	3.4	5.49	8.53	0	0	-1098	1	0	0	1	1	0	0.000	0
583	580	47.57	5.94	3.4	5.35	8.49	0	0	-1273	1	0	0	1	1	0	0.000	0
584	581	47.65	6.21	3.4	5.18	8.18	0	0	-1595	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	6.58	3.4	5.03	7.95	0	0	-2138	1	0	0	1	1	0	0.000	0
586	583	47.82	6.81	3.5	4.88	7.9	0	0	-2578	1	0	0	1	1	0	0.000	0
587	584	47.9	7.05	3.5	4.69	7.66	0	0	-3141	1	0	0	1	1	0	0.000	0
588	585	47.98	7.59	3.5	4.38	7.27	0	0	-4789	1	0	0	1	1	0	0.000	0
589	586	48.06	8.25	3.6	4.02	6.78	0	0	-7894	1	0	0	1	1	0	0.000	0
590	587	48.15	8.79	3.6	3.66	6.27	0	0	-11848	1	0	0	1	1	0	0.000	0
591	588	48.23	8.87	3.7	3.38	5.86	0	0	-12893	1	0	0	1	1	0	0.000	0
592	589	48.31	7.97	3.7	3.15	5.58	0	0	-7183	1	0	0	1	1	0	0.000	0
593	590	48.39	6.32	3.6	3.04	5.24	0	0	-2236	1	0	0	1	1	0	0.000	0
594	591	48.47	4.64	3.5	2.99	5.24	0	0	-619	1	0	0	1	1	0	0.000	0
595	592	48.56	3.85	3.5	3	5.25	0	0	-325	1	0	0	1	1	0	0.000	0
596	593	48.64	3.69	3.5	2.97	5.18	0	0	-286	1	0	0	1	1	0	0.000	0
597	594	48.72	3.45	3.5	2.93	5.04	0	0	-234	1	0	0	1	1	0	0.000	0
598	595	48.8	3.29	3.5	2.88	4.97	0	0	-206	1	0	0	1	1	0	0.000	0
599	596	48.88	3.29	3.5	2.85	4.81	0	0	-206	1	0	0	1	1	0	0.000	0
600	597	48.97	3.26	3.5	2.91	4.68	0	0	-200	1	0	0	1	1	0	0.000	0
601	598	49.05	3.19	3.5	3	5.06	0	0	-187	1	0	0	1	1	0	0.000	0
602	599	49.13	3.08	3.4	3.18	5.31	0	0	-166	1	0	0	1	1	0	0.000	0
603	600	49.21	3.28	3.4	3.35	5.46	0	0	-194	1	0	0	1	1	0	0.000	0
604	601	49.29	3.53	3.4	3.52	5.77	0	0	-2[illegible]5	1	0	0	1	1	0	0.000	0
605	602	49.38	3.66	3.4	3.62	5.83	0	0	-259	1	0	0	1	1	0	0.000	0
606	603	49.46	4.1	3.4	3.62	5.81	0	0	-273	1	0	0	1	1	0	0.000	0
607	604	49.54	4.9	3.4	4.01	5.77	0	0	-679	1	0	0	1	1	0	0.000	0
608	605	49.62	4.56	3.3	6.23	7.31	0	0	-383	1	0	0	1	1	0	0.000	0
609	606	49.7	4.12	3.1	9.1	14.84	0	0	-145	1	0	0	1	1	0	0.000	0
610	607	49.79	3.62	3.0	11.6	18.33	0	0	-25	1	0	0	1	1	0	0.000	0
611	608	49.87	3.68	3.0	11.47	18.61	0	0	-31	1	0	0	1	1	0	0.000	0
612	609	49.95	4.03	3.1	9.92	15.19	0	0	-102	1	0	0	1	1	0	0.000	0
613	610	50.03	5.17	3.2	7.95	11.95	0	0	-450	1	0	0	1	1	0	0.000	0
614	611	50.11	6.3	3.3	7.8	10.13	0	0	-1095	1	0	0	1	1	0	0.000	0
615	612	50.2	4.99	3.1	11.66	14.04	0	0	-72	1	0	0	1	1	0	0.000	0
616	613	50.28	3.35	2.8	20.86	28.01	0	0	188	1	0	0	0	1	0	0.000	0
617	614	50.36	2.21	2.5	37.74	51.2	0	0	210	1	1	1	0	1	0	0.000	0
618	615	50.44	1.64	2.2	60.86	79.5	0	0	238	1	1	1	0	1	0	0.000	0
619	616	50.52	1.33	2.1	82.19	115.12	0	0	257	1	1	1	0	1	0	0.000	0
620	617	50.61	1.06	1.9	99.23	126.19	0	0	247	1	1	1	0	1	0	0.000	0
621	618	50.69	0.85	1.8	107.53	131.41	0	0	221	1	1	1	0	1	0	0.000	0
622	619	50.77	0.64	1.8	112.02	130.83	0	0	189	1	1	1	0	1	0	0.000	0
623	620	50.85	0.59	1.7	109.98	127.94	0	0	176	1	1	1	0	1	0	0.000	0
624	621	50.93	0.62	1.8	103.86	119.41	0	0	170	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	0.76	1.9	96.38	112	0	0	179	1	1	1	0	1	0	0.000	0
626	623	51.1	0.99	2.0	87.34	112.89	0	0	200	1	1	1	0	1	0	0.000	0
627	624	51.18	1.34	2.1	77.52	101.52	0	0	242	1	1	1	0	1	0	0.000	0
628	625	51.26	1.78	2.2	66.02	89.89	0	0	300	1	1	1	0	1	0	0.000	0
629	626	51.34	2.35	2.4	54.08	77.94	0	0	392	1	1	1	0	1	0	0.000	0
630	627	51.43	3.08	2.5	42.45	60.49	0	0	535	1	1	0	0	1	0	0.000	0
631	628	51.51	4.01	2.7	32.46	46.98	0	0	780	1	0	0	0	1	0	0.000	0
632	629	51.59	4.9	2.8	26.33	39.18	0	0	1106	1	0	0	0	1	0	0.000	0
633	630	51.67	5.23	2.9	23	34.37	0	0	1087	1	0	0	0	1	0	0.000	0
634	631	51.75	4.9	2.9	21.29	31.37	0	0	703	1	0	0	0	1	0	0.000	0
635	632	51.84	4.23	2.9	19.47	31.06	0	0	326	1	0	0	0	1	0	0.000	0
636	633	51.92	3.85	2.9	17.09	26.03	0	0	157	1	0	0	0	1	0	0.000	0
637	634	52	4.26	3.0	13.29	20.81	0	0	38	1	0	0	1	1	0	0.000	0
638	635	52.08	5.22	3.2	9.81	14.45	0	0	-276	1	0	0	1	1	0	0.000	0
639	636	52.16	6.46	3.3	6.98	10.92	0	0	-1447	1	0	0	1	1	0	0.000	0
640	637	52.25	6.79	3.4	5.39	8.6	0	0	-2371	1	0	0	1	1	0	0.000	0
641	638	52.33	6.28	3.5	4.54	7.65	0	0	-1827	1	0	0	1	1	0	0.000	0
642	639	52.41	5.66	3.5	4.27	7.25	0	0	-1186	1	0	0	1	1	0	0.000	0
643	640	52.49	5.31	3.4	4.37	7.35	0	0	-895	1	0	0	1	1	0	0.000	0
644	641	52.57	5.05	3.4	4.77	7.9	0	0	-695	1	0	0	1	1	0	0.000	0
645	642	52.66	4.91	3.4	5.19	8.76	0	0	-589	1	0	0	1	1	0	0.000	0
646	643	52.74	4.62	3.3	5.53	9	0	0	-416	1	0	0	1	1	0	0.000	0
647	644	52.82	4.36	3.3	5.72	9.2	0	0	-351	1	0	0	1	1	0	0.000	0
648	645	52.9	3.96	3.3	5.8	9.36	0	0	-251	1	0	0	1	1	0	0.000	0
649	646	52.98	3.88	3.3	5.77	9.18	0	0	-136	1	0	0	1	1	0	0.000	0
650	647	53.07	3.95	3.3	5.72	8.89	0	0	-252	1	0	0	1	1	0	0.000	0
651	648	53.15	4.11	3.3	5.82	9.01	0	0	-283	1	0	0	1	1	0	0.000	0
652	649	53.23	4.24	3.3	6.08	9.44	0	0	-303	1	0	0	1	1	0	0.000	0
653	650	53.31	4.41	3.3	6.34	9.94	0	0	-333	1	0	0	1	1	0	0.000	0
654	651	53.4	4.84	3.3	6.44	10.18	0	0	-462	1	0	0	1	1	0	0.000	0
655	652	53.48	5.5	3.3	6.43	10	0	0	-774	1	0	0	1	1	0	0.000	0
656	653	53.56	6.17	3.3	6.42	9.99	0	0	-1286	1	0	0	1	1	0	0.000	0
657	654	53.64	6.46	3.3	6.5	10.17	0	0	-1573	1	0	0	1	1	0	0.000	0
658	655	53.72	6.47	3.3	6.54	10.4	0	0	-1574	1	0	0	1	1	0	0.000	0
659	656	53.81	6.45	3.3	6.5	10.22	0	0	-1561	1	0	0	1	1	0	0.000	0
660	657	53.89	6.48	3.4	6.36	10.08	0	0	-1633	1	0	0	1	1	0	0.000	0
661	658	53.97	6.48	3.4	6.26	9.88	0	0	-1660	1	0	0	1	1	0	0.000	0
662	659	54.05	6.52	3.4	6.09	9.79	0	0	-1756	1	0	0	1	1	0	0.000	0
663	660	54.13	6.59	3.4	5.89	9.51	0	0	-1906	1	0	0	1	1	0	0.000	0
664	661	54.22	6.7	3.4	5.62	9.12	0	0	-2149	1	0	0	1	1	0	0.000	0
665	662	54.3	6.62	3.4	5.35	8.71	0	0	-2107	1	0	0	1	1	0	0.000	0
666	663	54.38	6.49	3.4	5.11	8.39	0	0	-1980	1	0	0	1	1	0	0.000	0
667	664	54.46	6.39	3.4	4.91	8.16	0	0	-1890	1	0	0	1	1	0	0.000	0
668	665	54.54	6.46	3.5	4.67	7.86	0	0	-2052	1	0	0	1	1	0	0.000	0
669	666	54.63	6.59	3.5	4.43	7.45	0	0	-2327	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	6.79	3.5	4.22	7.2	0	0	-2761	1	0	0	1	1	0	0.000	0
671	668	54.79	6.81	3.5	4.03	7.04	0	0	-2866	1	0	0	1	1	0	0.000	0
672	669	54.87	6.66	3.5	3.91	6.75	0	0	-2607	1	0	0	1	1	0	0.000	0
673	670	54.95	6.21	3.5	3.85	6.7	0	0	-1885	1	0	0	1	1	0	0.000	0
674	671	55.04	5.68	3.5	3.85	6.74	0	0	-1265	1	0	0	1	1	0	0.000	0
675	672	55.12	5.16	3.5	3.82	6.68	0	0	-851	1	0	0	1	1	0	0.000	0
676	673	55.2	4.97	3.5	3.72	6.55	0	0	-742	1	0	0	1	1	0	0.000	0
677	674	55.28	4.97	3.5	3.54	6.29	0	0	-757	1	0	0	1	1	0	0.000	0
678	675	55.36	4.98	3.5	3.42	6.08	0	0	-773	1	0	0	1	1	0	0.000	0
679	676	55.45	4.73	3.5	3.34	6.05	0	0	-640	1	0	0	1	1	0	0.000	0
680	677	55.53	4.29	3.5	3.32	5.92	0	0	-451	1	0	0	1	1	0	0.000	0
681	678	55.61	3.88	3.5	3.26	5.81	0	0	-324	1	0	0	1	1	0	0.000	0
682	679	55.69	3.55	3.5	3.2	5.71	0	0	-248	1	0	0	1	1	0	0.000	0
683	680	55.77	3.41	3.5	3.16	5.64	0	0	-221	1	0	0	1	1	0	0.000	0
684	681	55.86	3.42	3.5	3.11	5.62	0	0	-224	1	0	0	1	1	0	0.000	0
685	682	55.94	3.35	3.5	3.06	5.49	0	0	-212	1	0	0	1	1	0	0.000	0
686	683	56.02	3.26	3.5	2.99	5.44	0	0	-198	1	0	0	1	1	0	0.000	0
687	684	56.1	3.14	3.5	2.98	5.3	0	0	-179	1	0	0	1	1	0	0.000	0
688	685	56.18	3.09	3.4	3.03	5.35	0	0	-171	1	0	0	1	1	0	0.000	0
689	686	56.27	3	3.4	3.28	5.56	0	0	-154	1	0	0	1	1	0	0.000	0
690	687	56.35	2.85	3.4	3.68	6.19	0	0	-129	1	0	1	1	1	0	0.000	0
691	688	56.43	2.78	3.3	4.16	6.86	0	0	-115	1	0	1	1	1	0	0.000	0
692	689	56.51	2.87	3.3	4.54	7.45	0	0	-113	1	0	1	1	1	0	0.000	0
693	690	56.59	3.08	3.3	4.78	7.74	0	0	-138	1	0	0	1	1	0	0.000	0
694	691	56.68	3.37	3.3	4.91	7.87	0	0	-174	1	0	0	1	1	0	0.000	0
695	692	56.76	3.63	3.3	4.96	8.05	0	0	-215	1	0	0	1	1	0	0.000	0
696	693	56.84	3.85	3.3	4.91	8.02	0	0	-260	1	0	0	1	1	0	0.000	0
697	694	56.92	4.03	3.3	4.76	7.82	0	0	-307	1	0	0	1	1	0	0.000	0
698	695	57	4.14	3.4	4.55	7.53	0	0	-345	1	0	0	1	1	0	0.000	0
699	696	57.09	4.13	3.4	4.34	7.16	0	0	-352	1	0	0	1	1	0	0.000	0
700	697	57.17	4.01	3.4	4.17	6.95	0	0	-325	1	0	0	1	1	0	0.000	0
701	698	57.25	3.79	3.4	4.08	6.73	0	0	-274	1	0	0	1	1	0	0.000	0
702	699	57.33	3.59	3.4	4.05	6.7	0	0	-233	1	0	0	1	1	0	0.000	0
703	700	57.41	3.36	3.4	4.07	6.72	0	0	-191	1	0	0	1	1	0	0.000	0
704	701	57.5	3.09	3.3	4.19	6.74	0	0	-150	1	0	0	1	1	0	0.000	0
705	702	57.58	2.89	3.3	4.37	7.04	0	0	-123	1	0	1	1	1	0	0.000	0
706	703	57.66	2.89	3.3	4.58	7.39	0	0	-120	1	0	1	1	1	0	0.000	0
707	704	57.74	3.2	3.3	4.65	7.58	0	0	-155	1	0	0	1	1	0	0.000	0
708	705	57.82	3.58	3.3	4.58	7.42	0	0	-216	1	0	0	1	1	0	0.000	0
709	706	57.91	3.81	3.4	4.46	7.26	0	0	-266	1	0	0	1	1	0	0.000	0
710	707	57.99	3.83	3.4	4.44	7.22	0	0	-271	1	0	0	1	1	0	0.000	0
711	708	58.07	3.82	3.3	4.54	7.4	0	0	-266	1	0	0	1	1	0	0.000	0
712	709	58.15	3.92	3.3	4.69	7.56	0	0	-283	1	0	0	1	1	0	0.000	0
713	710	58.23	3.84	3.3	4.8	7.76	0	0	-261	1	0	0	1	1	0	0.000	0
714	711	58.32	3.61	3.3	4.88	7.85	0	0	-214	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	3.2	3.3	4.94	7.87	0	0	-150	1	0	0	1	1	0	0.000	0
716	713	58.48	3.01	3.3	5.04	8.04	0	0	-125	1	0	0	1	1	0	0.000	0
717	714	58.56	2.89	3.2	5.17	8.31	0	0	-111	1	0	1	1	1	0	0.000	0
718	715	58.64	3.04	3.2	5.18	8.43	0	0	-126	1	0	0	1	1	0	0.000	0
719	716	58.73	3.1	3.3	5.05	8.09	0	0	-135	1	0	0	1	1	0	0.000	0
720	717	58.81	3.54	3.3	4.91	7.71	0	0	-201	1	0	0	1	1	0	0.000	0
721	718	58.89	3.76	3.3	4.98	7.8	0	0	-239	1	0	0	1	1	0	0.000	0
722	719	58.97	3.84	3.3	5.19	8.27	0	0	-248	1	0	0	1	1	0	0.000	0
723	720	59.05	3.74	3.3	5.25	8.58	0	0	-226	1	0	0	1	1	0	0.000	0
724	721	59.14	3.82	3.3	5.09	8.31	0	0	-247	1	0	0	1	1	0	0.000	0
725	722	59.22	4.08	3.3	4.79	7.85	0	0	-319	1	0	0	1	1	0	0.000	0
726	723	59.3	4.13	3.4	4.56	7.5	0	0	-342	1	0	0	1	1	0	0.000	0
727	724	59.38	4.01	3.4	4.34	7.31	0	0	-319	1	0	0	1	1	0	0.000	0
728	725	59.46	3.83	3.4	4.13	6.98	0	0	-282	1	0	0	1	1	0	0.000	0
729	726	59.55	3.63	3.4	3.96	6.64	0	0	-243	1	0	0	1	1	0	0.000	0
730	727	59.63	3.33	3.4	3.86	6.5	0	0	-191	1	0	0	1	1	0	0.000	0
731	728	59.71	3.05	3.4	3.83	6.41	0	0	-151	1	0	0	1	1	0	0.000	0
732	729	59.79	2.89	3.3	3.8	6.36	0	0	-132	1	0	1	1	1	0	0.000	0
733	730	59.87	2.87	3.3	3.8	6.32	0	0	-130	1	0	1	1	1	0	0.000	0
734	731	59.96	2.92	3.3	3.86	6.37	0	0	-134	1	0	1	1	1	0	0.000	0
735	732	60.04	3.04	3.3	3.97	6.62	0	0	-147	1	0	0	1	1	0	0.000	0
736	733	60.12	3.08	3.3	4.08	6.81	0	0	-150	1	0	0	1	1	0	0.000	0
737	734	60.2	3.03	3.3	4.15	6.87	0	0	-141	1	0	0	1	1	0	0.000	0
738	735	60.28	2.86	3.3	4.2	6.99	0	0	-123	1	0	1	1	1	0	0.000	0
739	736	60.37	2.79	3.3	4.23	7.06	0	0	-115	1	0	1	1	1	0	0.000	0
740	737	60.45	2.87	3.3	4.3	7.02	0	0	-122	1	0	1	1	1	0	0.000	0
741	738	60.53	3.15	3.3	4.37	7.23	0	0	-154	1	0	0	1	1	0	0.000	0
742	739	60.61	3.48	3.3	4.44	7.34	0	0	-202	1	0	0	1	1	0	0.000	0
743	740	60.69	3.88	3.4	4.45	7.32	0	0	-282	1	0	0	1	1	0	0.000	0
744	741	60.78	4.21	3.4	4.47	7.37	0	0	-369	1	0	0	1	1	0	0.000	0
745	742	60.86	4.59	3.4	4.47	7.58	0	0	-502	1	0	0	1	1	0	0.000	0
746	743	60.94	4.88	3.4	4.42	7.45	0	0	-636	1	0	0	1	1	0	0.000	0
747	744	61.02	5.25	3.4	4.29	7.27	0	0	-863	1	0	0	1	1	0	0.000	0
748	745	61.1	5.4	3.5	4.21	7.08	0	0	-979	1	0	0	1	1	0	0.000	0
749	746	61.19	5.42	3.5	4.18	7.12	0	0	-997	1	0	0	1	1	0	0.000	0
750	747	61.27	5.22	3.4	4.24	7.15	0	0	-848	1	0	0	1	1	0	0.000	0
751	748	61.35	5	3.4	4.27	7.28	0	0	-712	1	0	0	1	1	0	0.000	0
752	749	61.43	4.77	3.4	4.26	7.25	0	0	-595	1	0	0	1	1	0	0.000	0
753	750	61.52	4.49	3.4	4.18	7.15	0	0	-480	1	0	0	1	1	0	0.000	0
754	751	61.6	4.12	3.4	4.06	6.96	0	0	-361	1	0	0	1	1	0	0.000	0
755	752	61.68	3.62	3.4	3.94	6.74	0	0	-242	1	0	0	1	1	0	0.000	0
756	753	61.76	3.3	3.4	3.86	6.62	0	0	-186	1	0	0	1	1	0	0.000	0
757	754	61.84	3.2	3.4	3.87	6.55	0	0	-171	1	0	0	1	1	0	0.000	0
758	755	61.93	3.19	3.4	3.94	6.62	0	0	-168	1	0	0	1	1	0	0.000	0
759	756	62.01	3.1	3.3	4.02	6.81	0	0	-154	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	2.92	3.3	3.99	6.86	0	0	-132	1	0	1	1	1	0	0.000	0
761	758	62.17	2.88	3.3	3.83	6.67	0	0	-130	1	0	1	1	1	0	0.000	0
762	759	62.25	2.93	3.4	3.65	6.3	0	0	-139	1	0	1	1	1	0	0.000	0
763	760	62.34	3.04	3.4	3.59	6.15	0	0	-154	1	0	0	1	1	0	0.000	0
764	761	62.42	3.11	3.4	3.64	6.22	0	0	-162	1	0	0	1	1	0	0.000	0
765	762	62.5	3.24	3.4	3.79	6.37	0	0	-178	1	0	0	1	1	0	0.000	0
766	763	62.58	3.51	3.4	4	6.71	0	0	-219	1	0	0	1	1	0	0.000	0
767	764	62.66	3.89	3.4	4.23	7.02	0	0	-293	1	0	0	1	1	0	0.000	0
768	765	62.75	4.26	3.4	4.38	7.39	0	0	-389	1	0	0	1	1	0	0.000	0
769	766	62.83	4.65	3.4	4.42	7.48	0	0	-530	1	0	0	1	1	0	0.000	0
770	767	62.91	5.11	3.4	4.41	7.37	0	0	-763	1	0	0	1	1	0	0.000	0
771	768	62.99	5.71	3.4	4.49	7.41	0	0	-1199	1	0	0	1	1	0	0.000	0
772	769	63.07	6.02	3.4	4.75	7.8	0	0	-1465	1	0	0	1	1	0	0.000	0
773	770	63.16	5.77	3.4	5.28	8.43	0	0	-1131	1	0	0	1	1	0	0.000	0
774	771	63.24	4.97	3.3	5.88	9.79	0	0	-559	1	0	0	1	1	0	0.000	0
775	772	63.32	4.3	3.3	6.36	10.71	0	0	-304	1	0	0	1	1	0	0.000	0
776	773	63.4	4.15	3.2	6.34	11.02	0	0	-270	1	0	0	1	1	0	0.000	0
777	774	63.48	4.69	3.3	5.84	10.14	0	0	-451	1	0	0	1	1	0	0.000	0
778	775	63.57	5.76	3.4	5.06	8.83	0	0	-1156	1	0	0	1	1	0	0.000	0
779	776	63.65	6.78	3.5	4.48	7.64	0	0	-2655	1	0	0	1	1	0	0.000	0
780	777	63.73	7.06	3.5	4.28	7.35	0	0	-3330	1	0	0	1	1	0	0.000	0
781	778	63.81	6.52	3.5	4.41	7.56	0	0	-2216	1	0	0	1	1	0	0.000	0
782	779	63.89	5.8	3.4	4.68	7.88	0	0	-1251	1	0	0	1	1	0	0.000	0
783	780	63.98	5.45	3.4	4.89	8.36	0	0	-934	1	0	0	1	1	0	0.000	0
784	781	64.06	5.43	3.4	5.07	8.5	0	0	-898	1	0	0	1	1	0	0.000	0
785	782	64.14	5.57	3.4	5.22	8.77	0	0	-979	1	0	0	1	1	0	0.000	0
786	783	64.22	5.66	3.4	5.32	9.13	0	0	-1034	1	0	0	1	1	0	0.000	0
787	784	64.3	5.87	3.4	5.39	9.1	0	0	-1201	1	0	0	1	1	0	0.000	0
788	785	64.39	5.81	3.4	5.64	9.19	0	0	-1107	1	0	0	1	1	0	0.000	0
789	786	64.47	5.49	3.3	6.01	10.14	0	0	-821	1	0	0	1	1	0	0.000	0
790	787	64.55	4.96	3.3	6.33	10.58	0	0	-517	1	0	0	1	1	0	0.000	0
791	788	64.63	4.63	3.3	6.2	10.65	0	0	-407	1	0	0	1	1	0	0.000	0
792	789	64.71	4.3	3.3	5.76	9.87	0	0	-334	1	0	0	1	1	0	0.000	0
793	790	64.8	3.78	3.3	5.11	8.82	0	0	-239	1	0	0	1	1	0	0.000	0
794	791	64.88	3.22	3.3	4.56	7.73	0	0	-160	1	0	0	1	1	0	0.000	0
795	792	64.96	2.87	3.3	4.18	7.22	0	0	-124	1	0	1	1	1	0	0.000	0
796	793	65.04	2.78	3.3	4	6.91	0	0	-117	1	0	1	1	1	0	0.000	0
797	794	65.12	2.6	3.3	3.96	6.77	0	0	-100	1	0	1	1	1	0	0.000	0
798	795	65.21	2.48	3.3	3.97	6.77	0	0	-90	1	0	1	1	1	0	0.000	0
799	796	65.29	2.5	3.3	3.99	6.76	0	0	-92	1	0	1	1	1	0	0.000	0
800	797	65.37	2.58	3.3	3.96	6.65	0	0	-99	1	0	1	1	1	0	0.000	0
801	798	65.45	2.57	3.3	3.94	6.6	0	0	-98	1	0	1	1	1	0	0.000	0
802	799	65.53	2.71	3.3	3.95	6.62	0	0	-111	1	0	1	1	1	0	0.000	0
803	800	65.62	2.57	3.3	4.11	6.64	0	0	-96	1	0	1	1	1	0	0.000	0
804	801	65.7	2.56	3.3	4.12	7.31	0	0	-95	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	2.36	3.3	4.1	6.78	0	0	-80	1	0	1	1	1	0	0.000	0
806	803	65.86	2.3	3.3	4.11	6.89	0	0	-76	1	0	1	1	1	0	0.000	0
807	804	65.94	2.3	3.3	4.28	7.76	0	0	-74	1	0	1	1	1	0	0.000	0
808	805	66.03	2.57	3.3	4.48	7.53	0	0	-92	1	0	1	1	1	0	0.000	0
809	806	66.11	2.73	3.3	4.71	7.57	0	0	-103	1	0	1	1	1	0	0.000	0
810	807	66.19	2.81	3.2	4.97	8.45	0	0	-106	1	0	1	1	1	0	0.000	0
811	808	66.27	2.65	3.2	5.58	8.74	0	0	-85	1	0	1	1	1	0	0.000	0
812	809	66.35	2.77	3.2	5.71	10.4	0	0	-93	1	0	1	1	1	0	0.000	0
813	810	66.44	2.97	3.2	5.57	9.42	0	0	-113	1	0	1	1	1	0	0.000	0
814	811	66.52	3.03	3.2	5.49	8.37	0	0	-120	1	0	0	1	1	0	0.000	0
815	812	66.6	2.99	3.2	5.72	10.21	0	0	-112	1	0	1	1	1	0	0.000	0
816	813	66.68	3.13	3.2	5.74	10.41	0	0	-126	1	0	0	1	1	0	0.000	0
817	814	66.76	3.63	3.3	5.34	8.39	0	0	-204	1	0	0	1	1	0	0.000	0
818	815	66.85	4.38	3.3	4.95	8.31	0	0	-399	1	0	0	1	1	0	0.000	0
819	816	66.93	4.86	3.4	5.13	8.58	0	0	-571	1	0	0	1	1	0	0.000	0
820	817	67.01	5.42	3.4	5.37	9.04	0	0	-855	1	0	0	1	1	0	0.000	0
821	818	67.09	5.85	3.4	5.67	9.35	0	0	-1136	1	0	0	1	1	0	0.000	0
822	819	67.17	6.12	3.4	5.89	9.89	0	0	-1347	1	0	0	1	1	0	0.000	0
823	820	67.26	6.2	3.4	6.05	10.16	0	0	-1395	1	0	0	1	1	0	0.000	0
824	821	67.34	6.26	3.4	6.11	10.28	0	0	-1445	1	0	0	1	1	0	0.000	0
825	822	67.42	6.42	3.4	6.14	10.32	0	0	-1619	1	0	0	1	1	0	0.000	0
826	823	67.5	6.64	3.4	6.11	10.37	0	0	-1911	1	0	0	1	1	0	0.000	0
827	824	67.58	6.79	3.4	5.97	10.19	0	0	-2174	1	0	0	1	1	0	0.000	0
828	825	67.67	6.96	3.4	5.73	9.79	0	0	-2553	1	0	0	1	1	0	0.000	0
829	826	67.75	7.05	3.4	5.51	9.49	0	0	-2712	1	0	0	1	1	0	0.000	0
830	827	67.83	6.95	3.4	5.33	9.23	0	0	-2684	1	0	0	1	1	0	0.000	0
831	828	67.91	6.72	3.4	5.21	8.92	0	0	-2311	1	0	0	1	1	0	0.000	0
832	829	67.99	6.52	3.4	5.19	8.82	0	0	-2002	1	0	0	1	1	0	0.000	0
833	830	68.08	6.35	3.4	5.28	8.92	0	0	-1745	1	0	0	1	1	0	0.000	0
834	831	68.16	6.23	3.4	5.38	9.14	0	0	-1575	1	0	0	1	1	0	0.000	0
835	832	68.24	6	3.4	5.45	9.25	0	0	-1313	1	0	0	1	1	0	0.000	0
836	833	68.32	5.84	3.4	5.49	9.31	0	0	-1158	1	0	0	1	1	0	0.000	0
837	834	68.4	5.93	3.4	5.59	9.47	0	0	-1221	1	0	0	1	1	0	0.000	0
838	835	68.49	5.96	3.4	5.91	9.71	0	0	-1191	1	0	0	1	1	0	0.000	0
839	836	68.57	5.83	3.3	6.34	10.74	0	0	-1010	1	0	0	1	1	0	0.000	0
840	837	68.65	5.31	3.3	6.76	11.41	0	0	-632	1	0	0	1	1	0	0.000	0
841	838	68.73	4.98	3.3	6.93	11.78	0	0	-474	1	0	0	1	1	0	0.000	0
842	839	68.81	5.39	3.3	6.92	11.65	0	0	-654	1	0	0	1	1	0	0.000	0
843	840	68.9	6.34	3.3	7.13	11.39	0	0	-1288	1	0	0	1	1	0	0.000	0
844	841	68.98	6.91	3.3	8	12.49	0	0	-1637	1	0	0	1	1	0	0.000	0
845	842	69.06	6.47	3.2	10.01	15.14	0	0	-657	1	0	0	1	1	0	0.000	0
846	843	69.14	6.12	3.1	12.31	20.76	0	0	-39	1	0	0	1	1	0	0.000	0
847	844	69.22	6.28	3.1	14.43	24.1	0	0	443	1	0	0	0	1	0	0.000	0
848	845	69.31	6.67	3.1	16.07	26.07	0	0	1091	1	0	0	0	1	0	0.000	0
849	846	69.39	6.77	3.0	18.27	29.72	0	0	1897	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	6.74	3.0	20.84	35.8	0	0	2682	1	0	0	0	1	0	0.000	0
851	848	69.55	6.41	2.9	24.03	40.09	0	0	2913	1	0	0	0	1	0	0.000	0
852	849	69.64	6.5	2.9	25.67	46.98	0	0	3555	1	0	0	0	1	0	0.000	0
853	850	69.72	6.34	2.9	26.61	44.6	0	0	3385	1	0	0	0	1	0	0.000	0
854	851	69.8	6.08	2.9	27.89	45.21	0	0	3044	1	0	0	0	1	0	0.000	0
855	852	69.88	4.93	2.7	32.38	53.77	0	0	1628	1	0	0	0	1	0	0.000	0
856	853	69.96	3.75	2.6	40.5	69.63	0	0	882	1	1	0	0	1	0	0.000	0
857	854	70.05	2.87	2.5	48.89	83.59	0	0	542	1	1	1	0	1	0	0.000	0
858	855	70.13	2.26	2.4	53.85	88.06	0	0	359	1	1	1	0	1	0	0.000	0
859	856	70.21	1.83	2.3	54.88	85.92	0	0	249	1	1	1	0	1	0	0.000	0
860	857	70.29	1.54	2.2	53.62	81.32	0	0	185	1	1	1	0	1	0	0.000	0
861	858	70.37	1.45	2.2	50.81	76.47	0	0.12	158	1	1	1	0	1	0	0.000	0
862	859	70.46	1.46	2.3	48.94	71.5	0	0.14	152	1	1	1	0	1	0	0.000	0
863	860	70.54	1.44	2.3	48.52	73.08	0	0.13	147	1	1	1	0	1	0	0.000	0
864	861	70.62	1.46	2.3	48.8	74.53	0	0	151	1	1	1	0	1	0	0.000	0
865	862	70.7	1.6	2.3	47.46	73.54	0	0	166	1	1	1	0	1	0	0.000	0
866	863	70.78	2.14	2.4	43.6	69.96	0	0	242	1	1	1	0	1	0	0.000	0
867	864	70.87	3.09	2.6	38.1	64.88	0	0	461	1	1	0	0	1	0	0.000	0
868	865	70.95	4.24	2.7	33.55	56.85	0	0	992	1	0	0	0	1	0	0.000	0
869	866	71.03	5.09	2.8	31.26	54.66	0	0	1741	1	0	0	0	1	0	0.000	0
870	867	71.11	5.69	2.8	28.49	52.46	0	0	2357	1	0	0	0	1	0	0.000	0
871	868	71.19	5.94	2.9	26.26	41.69	0	0	2450	1	0	0	0	1	0	0.000	0
872	869	71.28	5.85	2.9	25.02	42.41	0	0	2083	1	0	0	0	1	0	0.000	0
873	870	71.36	4.14	2.8	26.31	45.5	0	0	600	1	0	0	0	1	0	0.000	0
874	871	71.44	2.51	2.6	30.31	48.51	0	0	93	1	1	1	0	1	0	0.000	0
875	872	71.52	1.37	2.3	37.18	56.87	0	0	95	1	1	1	0	1	0	0.000	0
876	873	71.6	1.41	2.3	42.54	65.96	0	0	119	1	1	1	0	1	0	0.000	0
877	874	71.69	1.53	2.3	47.47	72	0	0.13	156	1	1	1	0	1	0	0.000	0
878	875	71.77	1.53	2.3	50.91	80.67	0	0.11	171	1	1	1	0	1	0	0.000	0
879	876	71.85	1.42	2.2	52.58	81.29	0	0.11	161	1	1	1	0	1	0	0.000	0
880	877	71.93	1.34	2.2	53.48	77.22	0	0.13	153	1	1	1	0	1	0	0.000	0
881	878	72.01	1.37	2.2	53.7	83.2	0	0.1	158	1	1	1	0	1	0	0.000	0
882	879	72.1	1.34	2.2	54.9	82.77	0	0.11	158	1	1	1	0	1	0	0.000	0
883	880	72.18	1.25	2.2	55.3	81.95	0	0.11	146	1	1	1	0	1	0	0.000	0
884	881	72.26	1.09	2.1	56.77	82.34	0	0.12	130	1	1	1	0	1	0	0.000	0
885	882	72.34	1.01	2.1	58.86	84.48	0	0.13	126	1	1	1	0	1	0	0.000	0
886	883	72.42	1.01	2.1	60.78	88.01	0	0.12	131	1	1	1	0	1	0	0.000	0
887	884	72.51	1.05	2.1	62.85	90.43	0	0.11	142	1	1	1	0	1	0	0.000	0
888	885	72.59	1.06	2.1	64.39	94.71	0	0.1	148	1	1	1	0	1	0	0.000	0
889	886	72.67	1.13	2.1	63.22	95.51	0	0.09	155	1	1	1	0	1	0	0.000	0
890	887	72.75	1.34	2.2	59.52	88.67	0	0.09	175	1	1	1	0	1	0	0.000	0
891	888	72.83	1.85	2.3	54.81	85.52	0	0.09	253	1	1	1	0	1	0	0.000	0
892	889	72.92	2.41	2.4	53.38	85.94	0	0.08	406	1	1	1	0	1	0	0.000	0
893	890	73	2.79	2.4	53.95	92.2	0	0.06	576	1	1	1	0	1	0	0.000	0
894	891	73.08	2.72	2.4	56.7	94.17	0	0.06	577	1	1	1	0	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
895	892	73.16	2.54	2.3	60.55	99.46	0	0.05	536	1	1	1	0	1	0	0.000	0
896	893	73.24	2.43	2.3	66.98	109.55	0	0.03	551	1	1	1	0	1	0	0.000	0
897	894	73.33	2.36	2.3	75.87	125.6	0	0	602	1	1	1	0	1	0	0.000	0
898	895	73.41	2.28	2.2	83.08	144.95	0	0	624	1	1	1	0	1	0	0.000	0
899	896	73.49	2.12	2.2	88.09	145.1	0	0	579	1	1	1	0	1	0	0.000	0
900	897	73.57	2.04	2.2	88.56	147.26	0	0	542	1	1	1	0	1	0	0.000	0
901	898	73.65	1.96	2.1	89.14	144.18	0	0	507	1	1	1	0	1	0	0.000	0
902	899	73.74	1.99	2.2	88.3	145.65	0	0	516	1	1	1	0	1	0	0.000	0
903	900	73.82	2.09	2.2	90.89	143.95	0	0	584	1	1	1	0	1	0	0.000	0
904	901	73.9	2.29	2.2	94.27	162.65	0	0	730	0	1	1	0	1	0	0.000	0
905	902	73.98	2.03	2.1	104.14	170.06	0	0	647	0	1	1	0	1	0	0.000	0
906	903	74.06	1.69	2.0	113.23	186.71	0	0	520	0	1	1	0	1	0	0.000	0
907	904	74.15	1.35	1.9	121.78	188.11	0	0	411	0	1	1	0	1	0	0.000	0
908	905	74.23	1.31	1.9	125.71	187.48	0	0	410	0	1	1	0	1	0	0.000	0
909	906	74.31	1.35	1.9	126.45	198.57	0	0	428	1	1	0	1	0	0.000	0
910	907	74.39	1.36	1.9	123.87	195.16	0	0	423	0	1	1	0	1	0	0.000	0
911	908	74.47	1.49	2.0	114.76	180.16	0	0	438	0	1	1	0	1	0	0.000	0
912	909	74.56	1.56	2.0	100.31	165.1	0	0	402	0	1	1	0	1	0	0.000	0
913	910	74.64	1.54	2.1	86.5	130.96	0	0.01	332	1	1	1	0	1	0	0.000	0
914	911	74.72	1.36	2.1	76.7	112.04	0	0.05	244	1	1	1	0	1	0	0.000	0
915	912	74.8	1.21	2.1	71.25	110.14	0	0.06	193	1	1	1	0	1	0	0.000	0
916	913	74.88	1.13	2.1	67.77	99.59	0	0.08	159	1	1	1	0	1	0	0.000	0
917	914	74.97	1.32	2.2	61.64	94.5	0	0.08	181	1	1	1	0	1	0	0.000	0
918	915	75.05	1.73	2.3	55.8	89.36	0	0.08	232	1	1	1	0	1	0	0.000	0
919	916	75.13	2.22	2.4	51.88	83.59	0	0.09	330	1	1	1	0	1	0	0.000	0
920	917	75.21	2.43	2.4	49.69	85.29	0	0.08	376	1	1	1	0	1	0	0.000	0
921	918	75.29	2.36	2.4	49.5	82.04	0	0.09	352	1	1	1	0	1	0	0.000	0
922	919	75.38	2.2	2.4	50.63	82.02	0	0.09	314	1	1	1	0	1	0	0.000	0
923	920	75.46	1.87	2.3	54.11	88.33	0	0.08	254	1	1	1	0	1	0	0.000	0
924	921	75.54	1.47	2.2	59.25	93.1	0	0.08	197	1	1	1	0	1	0	0.000	0
925	922	75.62	1.13	2.1	61.73	96.9	0	0.08	150	1	1	1	0	1	0	0.000	0
926	923	75.7	0.96	2.1	61.89	88.7	0	0.12	128	1	1	1	0	1	0	0.000	0
927	924	75.79	1.02	2.1	59.52	87.45	0	0.11	129	1	1	1	0	1	0	0.000	0
928	925	75.87	1.25	2.2	57.35	88.74	0	0.1	153	1	1	1	0	1	0	0.000	0
929	926	75.95	1.54	2.2	53.95	87.25	0	0.09	186	1	1	1	0	1	0	0.000	0
930	927	76.03	1.81	2.3	49.16	80.44	0	0.1	212	1	1	1	0	1	0	0.000	0
931	928	76.11	2.01	2.4	43.93	72.23	0	0.12	218	1	1	1	0	1	0	0.000	0
932	929	76.2	2.15	2.4	39.82	65.53	0	0.14	215	1	1	1	0	1	0	0.000	0
933	930	76.28	2.18	2.5	37.51	62.63	0	0.16	202	1	1	1	0	1	0	0.000	0
934	931	76.36	2.1	2.5	37.07	61.36	0	0.16	185	1	1	1	0	1	0	0.000	0
935	932	76.44	1.87	2.4	37.62	62.61	0	0.16	153	1	1	1	0	1	0	0.000	0
936	933	76.52	1.63	2.4	38.45	62.35	0	0.17	127	1	1	1	0	1	0	0.000	0
937	934	76.61	1.45	2.3	37.89	62.15	0	0.17	105	1	1	1	0	1	0	0.000	0
938	935	76.69	1.46	2.4	36.5	57.61	0	0	100	1	1	1	0	1	0	0.000	0
939	936	76.77	1.74	2.4	34.25	56.36	0	0	118	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
940	937	76.85	2.16	2.5	31.73	55.48	0	0	153	1	1	1	0	1	0	0.000	0
941	938	76.93	2.62	2.6	27.57	50.44	0	0	180	1	0	1	0	1	0	0.000	0
942	939	77.02	2.94	2.7	23.73	39.97	0	0	178	1	0	1	0	1	0	0.000	0
943	940	77.1	2.69	2.7	23.07	36.92	0	0	135	1	0	1	0	1	0	0.000	0
944	941	77.18	2.09	2.6	26.85	46.51	0	0	107	1	1	1	0	1	0	0.000	0
945	942	77.26	1.52	2.4	33.16	55.4	0	0	91	1	1	1	0	1	0	0.000	0
946	943	77.34	1.23	2.3	38.25	60.43	0	0	86	1	1	1	0	1	0	0.000	0
947	944	77.43	1.16	2.3	41.11	65.05	0	0	90	1	1	1	0	1	0	0.000	0
948	945	77.51	0.99	2.2	43.42	66.2	0	0	82	1	1	1	0	1	0	0.000	0
949	946	77.59	0.83	2.1	45.92	66.21	0	0	76	1	1	1	1	1	0	0.000	0
950	947	77.67	0.69	2.1	49.29	70.31	0	0	73	1	1	1	1	1	0	0.000	0
951	948	77.75	0.71	2.1	52.66	75.13	0	0.18	82	1	1	1	0	1	0	0.000	0
952	949	77.84	0.78	2.1	56.47	79.86	0	0.16	96	1	1	1	0	1	0	0.000	0
953	950	77.92	0.88	2.1	58.33	89.28	0	0.12	110	1	1	1	0	1	0	0.000	0
954	951	78	1.04	2.1	59.47	87.74	0	0.11	131	1	1	1	0	1	0	0.000	0
955	952	78.08	1.2	2.1	61.12	91.88	0	0.09	159	1	1	1	0	1	0	0.000	0
956	953	78.17	1.15	2.1	67.96	102.16	0	0.08	172	1	1	1	0	1	0	0.000	0
957	954	78.25	1.03	2.0	75.82	117.04	0	0.06	175	1	1	1	0	1	0	0.000	0
958	955	78.33	1.04	2.0	84.13	120.73	0	0.06	200	1	1	1	0	1	0	0.000	0
959	956	78.41	1.04	1.9	93.63	137.33	0	0.05	227	1	1	1	0	1	0	0.000	0
960	957	78.49	1.1	1.9	99.89	160.41	0	0	259	0	1	1	0	1	0	0.000	0
961	958	78.58	1.09	1.9	100.31	152.08	0	0.01	258	1	1	1	0	1	0	0.000	0
962	959	78.66	1.16	2.0	92.72	140.84	0	0.02	251	1	1	1	0	1	0	0.000	0
963	960	78.74	1.25	2.0	83.6	131.33	0	0.02	243	1	1	1	0	1	0	0.000	0
964	961	78.82	1.32	2.1	75.57	117.47	0	0.05	230	1	1	1	0	1	0	0.000	0
965	962	78.9	1.38	2.1	68.92	108.08	0	0.06	218	1	1	1	0	1	0	0.000	0
966	963	78.99	1.33	2.1	64.67	102.45	0	0.06	192	1	1	1	0	1	0	0.000	0
967	964	79.07	1.17	2.1	62.53	95.73	0	0.09	159	1	1	1	0	1	0	0.000	0
968	965	79.15	0.93	2.1	62.34	91.39	0	0.11	125	1	1	1	0	1	0	0.000	0
969	966	79.23	0.7	2.0	63.71	89.93	0	0.16	103	1	1	1	0	1	0	0.000	0
970	967	79.31	0.57	1.9	66.2	86.95	0	0.23	95	1	1	1	0	1	0	0.000	0
971	968	79.4	0.54	1.9	66.2	90.38	0	0.22	92	1	1	1	0	1	0	0.000	0
972	969	79.48	0.65	2.0	63.97	87.62	0	0.18	99	1	1	1	0	1	0	0.000	0
973	970	79.56	0.67	2.0	61.47	85.5	0	0.17	96	1	1	1	0	1	0	0.000	0
974	971	79.64	0.73	2.0	59.16	85.19	0	0.16	97	1	1	1	0	1	0	0.000	0
975	972	79.72	0.74	2.0	58.46	82.03	0	0.16	96	1	1	1	0	1	0	0.000	0
976	973	79.81	0.82	2.1	58.22	85.26	0	0.14	103	1	1	1	0	1	0	0.000	0
977	974	79.89	0.91	2.1	59.51	88.46	0	0.12	116	1	1	1	0	1	0	0.000	0
978	975	79.97	1.05	2.1	59.16	92.94	0	0.09	132	1	1	1	0	1	0	0.000	0
979	976	80.05	1.31	2.2	57.32	90.53	0	0.09	162	1	1	1	0	1	0	0.000	0
980	977	80.13	1.56	2.2	56.13	89.7	0	0.08	200	1	1	1	0	1	0	0.000	0
981	978	80.22	1.71	2.3	55.52	95.4	0	0.07	226	1	1	1	0	1	0	0.000	0
982	979	80.3	1.66	2.2	57.46	91.82	0	0.08	226	1	1	1	0	1	0	0.000	0
983	980	80.38	1.52	2.2	59.49	98.48	0	0.06	207	1	1	1	0	1	0	0.000	0
984	981	80.46	1.45	2.2	63.16	101.7	0	0.06	209	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
985	982	80.54	1.46	2.2	66.7	107.93	0	0.05	226	1	1	1	0	1	0	0.000	0
986	983	80.63	1.53	2.1	71.1	116.21	0	0.03	261	1	1	1	0	1	0	0.000	0
987	984	80.71	1.47	2.1	75.01	126.2	0	0.01	263	1	1	1	0	1	0	0.000	0
988	985	80.79	1.42	2.1	77.38	125.28	0	0.02	260	1	1	1	0	1	0	0.000	0
989	986	80.87	1.33	2.1	78.6	125.38	0	0.02	244	1	1	1	0	1	0	0.000	0
990	987	80.95	1.27	2.1	79.6	127.52	0	0.02	234	1	1	1	0	1	0	0.000	0
991	988	81.04	1.17	2.0	81.03	126.31	0	0.04	217	1	1	1	0	1	0	0.000	0
992	989	81.12	1.1	2.0	80.32	126.5	0	0.04	201	1	1	1	0	1	0	0.000	0
993	990	81.2	1.04	2.0	77.43	119.04	0	0.06	182	1	1	1	0	1	0	0.000	0
994	991	81.28	1.12	2.1	73.06	110.49	0	0.06	183	1	1	1	0	1	0	0.000	0
995	992	81.36	1.29	2.1	68.87	111.28	0	0.05	200	1	1	1	0	1	0	0.000	0
996	993	81.45	1.47	2.2	65.32	108.35	0	0.05	222	1	1	1	0	1	0	0.000	0
997	994	81.53	1.61	2.2	61.72	101.7	0	0.06	236	1	1	1	0	1	0	0.000	0
998	995	81.61	1.61	2.2	59.98	98.37	0	0.06	228	1	1	1	0	1	0	0.000	0
999	996	81.69	1.42	2.2	62.84	99.43	0	0.07	202	1	1	1	0	1	0	0.000	0
1000	997	81.77	1.21	2.1	67.4	109.7	0	0.06	181	1	1	1	0	1	0	0.000	0
1001	998	81.86	1.08	2.1	71.09	111.83	0	0.06	170	1	1	1	0	1	0	0.000	0
1002	999	81.94	1.1	2.1	69.67	110.78	0	0.06	169	1	1	1	0	1	0	0.000	0
1003	1000	82.02	1.07	2.1	66.36	102.95	0	0.08	155	1	1	1	0	1	0	0.000	0
1004	1001	82.1	1.02	2.1	61.93	95.62	0	0.09	136	1	1	1	0	1	0	0.000	0
1005	1002	82.18	1.14	2.1	56.95	89.2	0	0.1	137	1	1	1	0	1	0	0.000	0
1006	1003	82.27	1.53	2.3	52.09	85.79	0	0.09	176	1	1	1	0	1	0	0.000	0
1007	1004	82.35	1.95	2.3	49.99	84.45	0	0.09	24	1	1	1	0	1	0	0.000	0
1008	1005	82.43	2.15	2.4	49.47	89.04	0	0.07	291	1	1	1	0	1	0	0.000	0
1009	1006	82.51	2.11	2.4	50.54	87.45	0	0.08	89	1	1	1	0	1	0	0.000	0
1010	1007	82.59	2.01	2.3	51.73	89.78	0	0.07	272	1	1	1	0	1	0	0.000	0
1011	1008	82.68	1.88	2.3	55.6	93.23	0	0.07	265	1	1	1	0	1	0	0.000	0
1012	1009	82.76	1.63	2.2	61.88	104.68	0	0.05	241	1	1	1	0	1	0	0.000	0
1013	1010	82.84	1.39	2.1	69.55	115.46	0	0.04	223	1	1	1	0	1	0	0.000	0
1014	1011	82.92	1.14	2.0	76.86	121.95	0	0.05	198	1	1	1	0	1	0	0.000	0
1015	1012	83	1.08	2.0	81.45	127.58	0	0.04	200	1	1	1	0	1	0	0.000	0
1016	1013	83.09	1.34	2.1	83.79	134.67	0	0.01	265	1	1	1	0	1	0	0.000	0
1017	1014	83.17	1.37	2.1	85.11	147.42	0	0	278	1	1	1	0	1	0	0.000	0
1018	1015	83.25	1.35	2.0	86.81	137.76	0	0	279	1	1	1	0	1	0	0.000	0
1019	1016	83.33	1.1	2.0	87.37	140.1	0	0.02	222	1	1	1	0	1	0	0.000	0
1020	1017	83.41	1.16	2.0	85.07	136.11	0	0.02	228	1	1	1	0	1	0	0.000	0
1021	1018	83.5	1.24	2.1	78.79	129.51	0	0.02	225	1	1	1	0	1	0	0.000	0
1022	1019	83.58	1.3	2.1	72.19	115.68	0	0.05	214	1	1	1	0	1	0	0.000	0
1023	1020	83.66	1.28	2.1	67.17	107.63	0	0.06	192	1	1	1	0	1	0	0.000	0
1024	1021	83.74	1.25	2.1	64.09	104.43	0	0.06	176	1	1	1	0	1	0	0.000	0
1025	1022	83.82	1.1	2.1	63.91	99.01	0	0.08	152	1	1	1	0	1	0	0.000	0
1026	1023	83.91	1.06	2.1	64.7	100.89	0	0.08	149	1	1	1	0	1	0	0.000	0
1027	1024	83.99	1.05	2.1	67.53	105.37	0	0.07	155	1	1	1	0	1	0	0.000	0
1028	1025	84.07	1.28	2.1	69.8	113.2	0	0.05	202	1	1	1	0	1	0	0.000	0
1029	1026	84.15	1.39	2.1	72.89	122.81	0	0.02	236	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1030	1027	84.23	1.43	2.1	75.72	127.1	0	0.01	256	1	1	1	0	1	0	0.000	0
1031	1028	84.32	1.45	2.1	77.05	130.38	0	0	267	1	1	1	0	1	0	0.000	0
1032	1029	84.4	1.54	2.1	76.34	131.53	0	0	287	1	1	1	0	1	0	0.000	0
1033	1030	84.48	1.5	2.1	77.03	127.1	0	0.01	279	1	1	1	0	1	0	0.000	0
1034	1031	84.56	1.29	2.1	78.49	131.87	0	0.01	234	1	1	1	0	1	0	0.000	0
1035	1032	84.64	1	2.0	82.61	125.15	0	0.06	189	1	1	1	0	1	0	0.000	0
1036	1033	84.73	0.93	1.9	85.44	127.62	0	0.06	184	1	1	1	0	1	0	0.000	0
1037	1034	84.81	0.96	1.9	89.33	136.37	0	0.05	199	1	1	1	0	1	0	0.000	0
1038	1035	84.89	1.06	2.0	91.12	145.93	0	0.02	224	1	1	1	0	1	0	0.000	0
1039	1036	84.97	1.01	1.9	92.9	142.55	0	0.04	219	1	1	1	0	1	0	0.000	0
1040	1037	85.05	1.02	2.0	90.73	143.89	0	0.03	215	1	1	1	0	1	0	0.000	0
1041	1038	85.14	1	2.0	86.45	135.79	0	0	199	1	1	1	0	1	0	0.000	0
1042	1039	85.22	1.16	2.0	77.06	125.36	0	0	203	1	1	1	0	1	0	0.000	0
1043	1040	85.3	1.37	2.1	67.09	110.84	0	0	209	1	1	1	0	1	0	0.000	0
1044	1041	85.38	1.41	2.2	59.39	98.95	0	0	186	1	1	1	0	1	0	0.000	0
1045	1042	85.46	1.32	2.2	51.36	89.84	0	0	142	1	1	1	0	1	0	0.000	0
1046	1043	85.55	1.25	2.3	39.58	69.2	0	0	93	1	1	1	0	1	0	0.000	0
1047	1044	85.63	1.63	2.5	27.56	41.78	0	0	74	1	1	1	1	1	0	0.000	0
1048	1045	85.71	2.17	2.6	21.87	36.93	0	0	75	1	0	1	1	1	0	0.000	0
1049	1046	85.79	2.27	2.6	23.4	44.15	0	0	96	1	0	1	0	1	0	0.000	0
1050	1047	85.87	1.95	2.5	28.83	51.32	0	0	107	1	1	1	0	1	0	0.000	0
1051	1048	85.96	1.58	2.4	35.05	62.05	0	0	105	1	1	1	0	1	0	0.000	0
1052	1049	86.04	1.26	2.3	40.89	70.26	0	0	9	1	1	1	0	1	0	0.000	0
1053	1050	86.12	1.15	2.2	44.69	73.71	0	0	100	1	1	1	0	1	0	0.000	0
1054	1051	86.2	1.02	2.2	47	76.85	0	0	95	1	1	1	0	1	0	0.000	0
1055	1052	86.28	0.86	2.1	50.17	76.46	0	0	89	1	1	1	0	1	0	0.000	0
1056	1053	86.37	0.72	2.1	53.2	81.33	0	0	84	1	1	1	0	1	0	0.000	0
1057	1054	86.45	0.72	2.0	56.37	83.38	0	0.16	90	1	1	1	0	1	0	0.000	0
1058	1055	86.53	0.84	2.1	59.37	89.86	0	0.12	108	1	1	1	0	1	0	0.000	0
1059	1056	86.61	0.98	2.1	62.41	101.09	0	0.08	132	1	1	1	0	1	0	0.000	0
1060	1057	86.7	1.1	2.1	65.15	105.54	0	0.07	156	1	1	1	0	1	0	0.000	0
1061	1058	86.78	1.15	2.1	65.2	109.63	0	0.06	164	1	1	1	0	1	0	0.000	0
1062	1059	86.86	1.17	2.1	64.74	104.16	0	0.07	166	1	1	1	0	1	0	0.000	0
1063	1060	86.94	1.16	2.1	62.96	104.71	0	0.06	158	1	1	1	0	1	0	0.000	0
1064	1061	87.02	1.09	2.1	61.31	100.31	0	0.08	143	1	1	1	0	1	0	0.000	0
1065	1062	87.11	0.97	2.1	59.9	93.12	0	0.1	124	1	1	1	0	1	0	0.000	0
1066	1063	87.19	0.85	2.1	57.48	92.01	0	0.11	105	1	1	1	0	1	0	0.000	0
1067	1064	87.27	0.82	2.1	55.92	83.24	0	0.14	98	1	1	1	0	1	0	0.000	0
1068	1065	87.35	0.81	2.1	54.72	84.37	0	0.13	95	1	1	1	0	1	0	0.000	0
1069	1066	87.43	0.83	2.1	56.55	86.17	0	0.13	101	1	1	1	0	1	0	0.000	0
1070	1067	87.52	0.84	2.1	58.39	92.49	0	0.11	106	1	1	1	0	1	0	0.000	0
1071	1068	87.6	0.83	2.1	58.93	93.01	0	0.11	106	1	1	1	0	1	0	0.000	0
1072	1069	87.68	0.76	2.0	59.17	87.56	0	0.14	100	1	1	1	0	1	0	0.000	0
1073	1070	87.76	0.66	2.0	60.4	88.4	0	0.16	93	1	1	1	0	1	0	0.000	0
1074	1071	87.84	0.59	2.0	62.36	90.1	0	0.18	90	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	0.58	1.9	63.79	89.24	0	0.2	92	1	1	1	0	1	0	0.000	0
1076	1073	88.01	0.62	2.0	63.11	93.24	0	0.16	94	1	1	1	0	1	0	0.000	0
1077	1074	88.09	0.71	2.0	61.4	91.9	0	0.14	99	1	1	1	0	1	0	0.000	0
1078	1075	88.17	0.8	2.0	58.98	90.09	0	0.12	103	1	1	1	0	1	0	0.000	0
1079	1076	88.25	0.94	2.1	56.15	90.92	0	0.1	111	1	1	1	0	1	0	0.000	0
1080	1077	88.34	1.03	2.1	55.22	87.36	0	0.11	118	1	1	1	0	1	0	0.000	0
1081	1078	88.42	1.16	2.2	54.58	91.22	0	0.09	132	1	1	1	0	1	0	0.000	0
1082	1079	88.5	1.25	2.2	55.92	93.5	0	0.08	148	1	1	1	0	1	0	0.000	0
1083	1080	88.58	1.38	2.2	56.71	98.49	0	0.07	171	1	1	1	0	1	0	0.000	0
1084	1081	88.66	1.39	2.2	57.89	99.86	0	0.06	177	1	1	1	0	1	0	0.000	0
1085	1082	88.75	1.43	2.2	57.33	100.81	0	0.06	182	1	1	1	0	1	0	0.000	0
1086	1083	88.83	1.39	2.2	56.94	96.75	0	0.07	173	1	1	1	0	1	0	0.000	0
1087	1084	88.91	1.4	2.2	56.59	97.05	0	0.07	174	1	1	1	0	1	0	0.000	0
1088	1085	88.99	1.3	2.2	57.47	99.03	0	0.07	161	1	1	1	0	1	0	0.000	0
1089	1086	89.07	1.18	2.1	58.38	97.61	0	0.08	147	1	1	1	0	1	0	0.000	0
1090	1087	89.16	1.07	2.1	58.69	96.69	0	0.08	133	1	1	1	0	1	0	0.000	0
1091	1088	89.24	0.93	2.1	59.39	95.1	0	0.1	118	1	1	1	0	1	0	0.000	0
1092	1089	89.32	0.88	2.1	58.81	94.15	0	0.1	111	1	1	1	0	1	0	0.000	0
1093	1090	89.4	0.78	2.0	58.23	89.94	0	0.13	100	1	1	1	0	1	0	0.000	0
1094	1091	89.48	0.76	2.0	56.88	87.24	0	0.14	95	1	1	1	0	1	0	0.000	0
1095	1092	89.57	0.66	2.0	55.38	85.45	0	0.15	83	1	1	1	0	1	0	0.000	0
1096	1093	89.65	0.64	2.0	52.45	78.63	0	0.18	76	1	1	1	1	1	0	0.000	0
1097	1094	89.73	0.6	2.0	49.13	72.7	0	0.2	67	1	1	1	1	1	0	0.000	0
1098	1095	89.81	0.52	2.0	45.98	69.53	0	0.23	56	1	1	1	1	1	0	0.000	0
1099	1096	89.89	0.45	2.0	43.07	61.89	0	0	48	1	1	1	1	1	0	0.000	0
1100	1097	89.98	0.64	2.2	37.83	59.35	0	0	48	1	1	1	1	1	0	0.000	0
1101	1098	90.06	1.1	2.3	32.16	56.25	0	0	58	1	1	1	1	1	0	0.000	0
1102	1099	90.14	1.81	2.5	26.67	49.79	0	0	82	1	1	1	0	1	0	0.000	0
1103	1100	90.22	2.73	2.7	22.07	43.48	0	0	126	1	0	1	0	1	0	0.000	0
1104	1101	90.3	4.27	2.9	17.56	34.8	0	0	244	1	0	0	0	1	0	0.000	0
1105	1102	90.39	6.32	3.1	13.61	23.31	0	0	262	1	0	0	0	1	0	0.000	0
1106	1103	90.47	8.47	3.3	10.77	20.59	0	0	-1870	1	0	0	1	1	0	0.000	0
1107	1104	90.55	8.97	3.3	9.94	18.67	0	0	-3868	1	0	0	1	1	0	0.000	0
1108	1105	90.63	7.69	3.2	11.03	18.75	0	0	-930	1	0	0	1	1	0	0.000	0
1109	1106	90.71	4.76	3.0	16.44	26.68	0	0	282	1	0	0	0	1	0	0.000	0
1110	1107	90.8	2.85	2.7	26.07	50.61	0	0	199	1	0	1	0	1	0	0.000	0
1111	1108	90.88	1.82	2.4	41.28	78.89	0	0	168	1	1	1	0	1	0	0.000	0
1112	1109	90.96	1.32	2.2	57.46	99.61	0	0	164	1	1	1	0	1	0	0.000	0
1113	1110	91.04	1.02	2.0	70.88	120.23	0	0	160	1	1	1	0	1	0	0.000	0
1114	1111	91.12	0.9	2.0	83.14	128.07	0	0	173	1	1	1	0	1	0	0.000	0
1115	1112	91.21	0.91	1.9	90.67	147.12	0	0	193	1	1	1	0	1	0	0.000	0
1116	1113	91.29	0.89	1.9	98.09	150.37	0	0	207	1	1	1	0	1	0	0.000	0
1117	1114	91.37	0.91	1.9	102.54	159.37	0	0.03	222	1	1	1	0	1	0	0.000	0
1118	1115	91.45	0.96	1.9	104.9	170.02	0	0	239	0	1	1	0	1	0	0.000	0
1119	1116	91.53	1.27	2.0	103.2	176.13	0	0	316	0	1	1	0	1	0	0.000	0

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1120	1117	91.62	1.51	2.0	101.09	188.07	0	0	387	0	1	1	0	1	0	0.000	0
1121	1118	91.7	1.64	2.1	102.18	188.74	0	0	442	0	1	1	0	1	0	0.000	0
1122	1119	91.78	1.58	2.0	101.92	195	0	0	417	0	1	1	0	1	0	0.000	0
1123	1120	91.86	1.5	2.0	101.64	182.59	0	0	386	0	1	1	0	1	0	0.000	0
1124	1121	91.94	1.52	2.0	97.35	182.22	0	0	374	0	1	1	0	1	0	0.000	0
1125	1122	92.03	1.48	2.0	97.2	170.63	0	0	360	0	1	1	0	1	0	0.000	0
1126	1123	92.11	1.39	2.0	95.68	179.67	0	0	325	0	1	1	0	1	0	0.000	0
1127	1124	92.19	1.24	2.0	95.89	163.42	0	0	282	0	1	1	0	1	0	0.000	0
1128	1125	92.27	1.09	2.0	95.26	155.84	0	0	243	1	1	1	0	1	0	0.000	0
1129	1126	92.35	1.02	1.9	93.58	158.61	0	0	223	1	1	1	0	1	0	0.000	0
1130	1127	92.44	0.99	1.9	91.07	146.02	0	0.02	210	1	1	1	0	1	0	0.000	0
1131	1128	92.52	1.03	2.0	87.65	141.43	0	0.02	208	1	1	1	0	1	0	0.000	0
1132	1129	92.6	1.06	2.0	85.88	145.17	0	0.01	209	1	1	1	0	1	0	0.000	0
1133	1130	92.68	1.12	2.0	84.67	142.44	0	0.01	218	1	1	1	0	1	0	0.000	0
1134	1131	92.76	1.21	2.0	82.27	142.52	0	0	230	1	1	1	0	1	0	0.000	0
1135	1132	92.85	1.26	2.1	80.76	140.7	0	0	236	1	1	1	0	1	0	0.000	0
1136	1133	92.93	1.27	2.1	78.18	140.11	0	0	229	1	1	1	0	1	0	0.000	0
1137	1134	93.01	1.26	2.1	75.68	130.1	0	0.01	218	1	1	1	0	1	0	0.000	0
1138	1135	93.09	1.24	2.1	74.56	126.92	0	0.02	210	1	1	1	0	1	0	0.000	0
1139	1136	93.17	1.2	2.1	76.49	132.1	0	0.01	209	1	1	1	0	1	0	0.000	0
1140	1137	93.26	1.08	2.0	80.5	136.63	0	0.02	198	1	1	1	0	1	0	0.000	0
1141	1138	93.34	0.97	2.0	83.45	137.7	0	0.03	186	1	1	1	0	1	0	0.000	0
1142	1139	93.42	0.86	1.9	84.54	134.63	0	0.06	161	1	1	1	0	1	0	0.000	0
1143	1140	93.5	0.81	1.9	83.81	129.48	0	0.07	160	1	1	1	0	1	0	0.000	0
1144	1141	93.58	0.8	1.9	83.27	126.65	0	0.08	157	1	1	1	0	1	0	0.000	0
1145	1142	93.67	0.96	2.0	78.82	134.79	0	0.03	172	1	1	1	0	1	0	0.000	0
1146	1143	93.75	1.2	2.1	73.26	125.29	0	0.03	198	1	1	1	0	1	0	0.000	0
1147	1144	93.83	1.53	2.2	66.84	120.86	0	0.01	242	1	1	1	0	1	0	0.000	0
1148	1145	93.91	1.64	2.2	66.15	119.43	0	0.01	265	1	1	1	0	1	0	0.000	0
1149	1146	93.99	1.7	2.2	66.18	129.05	0	0	280	1	1	1	0	1	0	0.000	0
1150	1147	94.08	1.64	2.2	67.64	123.94	0	0	272	1	1	1	0	1	0	0.000	0
1151	1148	94.16	1.6	2.2	68.8	126.01	0	0	267	1	1	1	0	1	0	0.000	0
1152	1149	94.24	1.38	2.1	72.08	132.76	0	0	230	1	1	1	0	1	0	0.000	0
1153	1150	94.32	1.06	2.0	77.46	128.78	0	0.03	185	1	1	1	0	1	0	0.000	0
1154	1151	94.41	0.75	1.9	81.4	128.58	0	0.08	146	1	1	1	0	1	0	0.000	0
1155	1152	94.49	0.59	1.8	84.54	115.77	0	0.18	130	1	1	1	0	1	0	0.000	0
1156	1153	94.57	0.65	1.9	81.23	121.46	0	0.12	132	1	1	1	0	1	0	0.000	0
1157	1154	94.65	0.83	2.0	72.3	122.53	0	0.06	137	1	1	1	0	1	0	0.000	0
1158	1155	94.73	1.13	2.1	62.92	100.18	0	0.08	154	1	1	1	0	1	0	0.000	0
1159	1156	94.82	1.45	2.2	55.56	101.51	0	0.06	178	1	1	1	0	1	0	0.000	0
1160	1157	94.9	1.69	2.3	53.25	100.96	0	0.05	210	1	1	1	0	1	0	0.000	0
1161	1158	94.98	1.83	2.3	52.41	97.27	0	0.06	235	1	1	1	0	1	0	0.000	0
1162	1159	95.06	1.81	2.3	54.49	101.31	0	0.05	242	1	1	1	0	1	0	0.000	0
1163	1160	95.14	1.76	2.3	57.92	113.08	0	0.02	250	1	1	1	0	1	0	0.000	0
1164	1161	95.23	1.73	2.2	60.74	116.07	0	0.02	259	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1165	1162	95.31	1.74	2.2	59.18	117.36	0	0.01	253	1	1	1	0	1	0	0.000	0
1166	1163	95.39	1.61	2.2	56.99	103.82	0	0.05	213	1	1	1	0	1	0	0.000	0
1167	1164	95.47	1.42	2.2	53.86	98.95	0	0.06	166	1	1	1	0	1	0	0.000	0
1168	1165	95.55	1.14	2.2	53.2	92.06	0	0.09	125	1	1	1	0	1	0	0.000	0
1169	1166	95.64	0.91	2.1	52.19	88.97	0	0.1	98	1	1	1	0	1	0	0.000	0
1170	1167	95.72	0.72	2.1	50.95	82.34	0	0	79	1	1	1	1	1	0	0.000	0
1171	1168	95.8	0.77	2.1	47.04	77.5	0	0	74	1	1	1	1	1	0	0.000	0
1172	1169	95.88	1.14	2.3	39.8	73.77	0	0	84	1	1	1	0	1	0	0.000	0
1173	1170	95.96	1.82	2.5	30.12	60.78	0	0	103	1	1	1	0	1	0	0.000	0
1174	1171	96.05	2.74	2.7	21.34	41.89	0	0	118	1	0	1	0	1	0	0.000	0
1175	1172	96.13	4.07	3.0	14.17	26.51	0	0	69	1	0	0	1	1	0	0.000	0
1176	1173	96.21	5.75	3.2	9.16	16.7	0	0	-515	1	0	0	1	1	0	0.000	0
1177	1174	96.29	7.71	3.4	6.09	12.65	0	0	-4111	1	0	0	1	1	0	0.000	0
1178	1175	96.37	8.61	3.5	4.59	9.54	0	0	-9397	1	0	0	1	1	0	0.000	0
1179	1176	96.46	7.49	3.6	3.81	8.68	0	0	-4778	1	0	0	1	1	0	0.000	0
1180	1177	96.54	5.22	3.5	3.59	8.53	0	0	-915	1	0	0	1	1	0	0.000	0
1181	1178	96.62	3.24	3.4	3.45	8.36	0	0	-185	1	0	0	1	1	0	0.000	0
1182	1179	96.7	2.51	3.4	3.3	7.99	0	0	-100	1	0	1	1	1	0	0.000	0
1183	1180	96.78	2.19	3.4	3.19	7.75	0	0	-76	1	0	1	1	1	0	0.000	0
1184	1181	96.87	2.03	3.3	3.13	7.79	0	0	-66	1	0	1	1	1	0	0.000	0
1185	1182	96.95	2.07	3.4	3.03	7.68	0	0	-69	1	0	1	1	1	0	0.000	0
1186	1183	97.03	2.2	3.4	2.87	7.26	0	0	-79	1	0	1	1	1	0	0.000	0
1187	1184	97.11	2.49	3.4	2.69	6.98	0	0	-10	1	0	1	1	1	0	0.000	0
1188	1185	97.19	2.84	3.5	2.55	6.76	0	0	-144	1	0	1	1	1	0	0.000	0
1189	1186	97.28	3.2	3.5	2.46	6.57	0	0	-99	1	0	0	1	1	0	0.000	0
1190	1187	97.36	3.35	3.5	2.43	6.53	0	0	-227	1	0	0	1	1	0	0.000	0
1191	1188	97.44	3.35	3.5	2.44	6.61	0	0	-226	1	0	0	1	1	0	0.000	0
1192	1189	97.52	3.31	3.5	2.46	6.64	0	0	-218	1	0	0	1	1	0	0.000	0
1193	1190	97.6	3.24	3.5	2.46	6.61	0	0	-206	1	0	0	1	1	0	0.000	0
1194	1191	97.69	3.1	3.5	2.47	6.6	0	0	-182	1	0	0	1	1	0	0.000	0
1195	1192	97.77	2.86	3.5	2.5	6.72	0	0	-148	1	0	1	1	1	0	0.000	0
1196	1193	97.85	2.66	3.5	2.54	6.77	0	0	-123	1	0	1	1	1	0	0.000	0
1197	1194	97.93	2.46	3.5	2.62	6.77	0	0	-103	1	0	1	1	1	0	0.000	0
1198	1195	98.01	2.4	3.4	2.65	6.82	0	0	-97	1	0	1	1	1	0	0.000	0
1199	1196	98.1	2.39	3.4	2.66	6.53	0	0	-96	1	0	1	1	1	0	0.000	0
1200	1197	98.18	2.42	3.5	2.55	6.37	0	0	-100	1	0	1	1	1	0	0.000	0
1201	1198	98.26	2.4	3.5	2.45	6.1	0	0	-99	1	0	1	1	1	0	0.000	0
1202	1199	98.34	2.31	3.5	2.36	5.88	0	0	-92	1	0	1	1	1	0	0.000	0
1203	1200	98.42	2.21	3.5	2.33	5.75	0	0	-84	1	0	1	1	1	0	0.000	0
1204	1201	98.51	2.09	3.5	2.36	5.79	0	0	-76	1	0	1	1	1	0	0.000	0
1205	1202	98.59	2	3.4	2.42	5.84	0	0	-69	1	0	1	1	1	0	0.000	0
1206	1203	98.67	2.03	3.4	2.49	5.91	0	0	-71	1	0	1	1	1	0	0.000	0
1207	1204	98.75	2.12	3.4	2.56	5.99	0	0	-76	1	0	1	1	1	0	0.000	0
1208	1205	98.83	2.21	3.4	2.66	6.06	0	0	-82	1	0	1	1	1	0	0.000	0
1209	1206	98.92	2.27	3.4	2.77	6.28	0	0	-85	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	2.35	3.4	2.88	6.42	0	0	-91	1	0	1	1	1	0	0.000	0
1211	1208	99.08	2.47	3.4	2.97	6.53	0	0	-100	1	0	1	1	1	0	0.000	0
1212	1209	99.16	2.52	3.4	3.06	6.63	0	0	-103	1	0	1	1	1	0	0.000	0
1213	1210	99.24	2.53	3.4	3.18	6.85	0	0	-103	1	0	1	1	1	0	0.000	0
1214	1211	99.33	2.56	3.4	3.26	7.08	0	0	-105	1	0	1	1	1	0	0.000	0
1215	1212	99.41	2.62	3.4	3.27	6.99	0	0	-110	1	0	1	1	1	0	0.000	0
1216	1213	99.49	2.7	3.4	3.21	6.88	0	0	-119	1	0	1	1	1	0	0.000	0
1217	1214	99.57	2.71	3.4	3.16	6.79	0	0	-121	1	0	1	1	1	0	0.000	0
1218	1215	99.65	2.77	3.4	3.14	6.8	0	0	-128	1	0	1	1	1	0	0.000	0
1219	1216	99.74	2.89	3.4	3.13	6.84	0	0	-142	1	0	1	1	1	0	0.000	0
1220	1217	99.82	2.9	3.4	3.16	6.81	0	0	-143	1	0	1	1	1	0	0.000	0
1221	1218	99.9	2.92	3.4	3.19	6.96	0	0	-145	1	0	1	1	1	0	0.000	0
1222	1219	99.98	2.87	3.4	3.24	7	0	0	-138	1	0	1	1	1	0	0.000	0
1223	1220	100.06	2.93	3.4	3.25	7.06	0	0	-145	1	0	1	1	1	0	0.000	0
1224	1221	100.15	2.97	3.4	3.27	7.05	0	0	-150	1	0	1	1	1	0	0.000	0
1225	1222	100.23	3.05	3.4	3.24	7.07	0	0	-161	1	0	0	1	1	0	0.000	0
1226	1223	100.31	3.08	3.4	3.2	6.96	0	0	-166	1	0	0	1	1	0	0.000	0
1227	1224	100.39	3.12	3.4	3.1	6.88	0	0	-174	1	0	0	1	1	0	0.000	0
1228	1225	100.47	3.18	3.5	2.97	6.72	0	0	-186	1	0	0	1	1	0	0.000	0
1229	1226	100.56	3.3	3.5	2.79	6.41	0	0	-209	1	0	0	1	1	0	0.000	0
1230	1227	100.64	3.47	3.5	2.61	6.05	0	0	-246	1	0	0	1	1	0	0.000	0
1231	1228	100.72	3.6	3.6	2.48	5.87	0	0	-278	1	0	0	1	1	0	0.000	0
1232	1229	100.8	3.54	3.6	2.36	5.73	0	0	-261	1	0	0	1	1	0	0.000	0
1233	1230	100.88	3.22	3.6	2.25	5.49	0	0	-206	1	0	0	1	1	0	0.000	0
1234	1231	100.97	2.86	3.6	2.13	5.29	0	0	-153	1	0	1	1	1	0	0.000	0
1235	1232	101.05	2.64	3.6	2.06	5.13	0	0	-127	1	0	1	1	1	0	0.000	0
1236	1233	101.13	2.57	3.6	2.09	5.06	0	0	-119	1	0	1	1	1	0	0.000	0
1237	1234	101.21	2.56	3.5	2.17	5.32	0	0	-117	1	0	1	1	1	0	0.000	0
1238	1235	101.29	2.61	3.5	2.27	5.37	0	0	-121	1	0	1	1	1	0	0.000	0
1239	1236	101.38	2.79	3.5	2.31	5.41	0	0	-142	1	0	1	1	1	0	0.000	0
1240	1237	101.46	2.85	3.5	2.38	5.48	0	0	-148	1	0	1	1	1	0	0.000	0
1241	1238	101.54	2.93	3.5	2.49	5.72	0	0	-157	1	0	1	1	1	0	0.000	0
1242	1239	101.62	3.07	3.5	2.65	5.96	0	0	-174	1	0	0	1	1	0	0.000	0
1243	1240	101.7	3.32	3.5	2.85	6.29	0	0	-212	1	0	0	1	1	0	0.000	0
1244	1241	101.79	3.59	3.5	3.05	6.68	0	0	-260	1	0	0	1	1	0	0.000	0
1245	1242	101.87	3.94	3.5	3.3	7.07	0	0	-339	1	0	0	1	1	0	0.000	0
1246	1243	101.95	4.45	3.5	3.66	7.67	0	0	-494	1	0	0	1	1	0	0.000	0
1247	1244	102.03	5.47	3.5	4.28	8.66	0	0	-1024	1	0	0	1	1	0	0.000	0
1248	1245	102.11	6.49	3.4	5.17	10.33	0	0	-1964	1	0	0	1	1	0	0.000	0
1249	1246	102.2	7.03	3.4	6.58	12.42	0	0	-2347	1	0	0	1	1	0	0.000	0
1250	1247	102.28	6.61	3.2	9.29	16.22	0	0	-939	1	0	0	1	1	0	0.000	0
1251	1248	102.36	5.84	3.1	13.46	25.99	0	0	159	1	0	0	0	1	0	0.000	0
1252	1249	102.44	5.16	2.9	19.59	37.99	0	0	695	1	0	0	0	1	0	0.000	0
1253	1250	102.53	4.88	2.8	25.36	56.44	0	0	1012	1	0	0	0	1	0	0.000	0
1254	1251	102.61	4.92	2.8	29.48	65.8	0	0	1379	1	0	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1255	1252	102.69	5.36	2.8	30.32	67.32	0	0	2040	1	0	0	0	1	0	0.000	0
1256	1253	102.77	6.25	2.9	29.02	62.89	0	0	3708	1	0	0	0	1	0	0.000	0
1257	1254	102.85	7.45	2.9	26.9	56.45	0	0	7697	1	0	0	0	1	0	0.000	0
1258	1255	102.94	8.29	3.0	25.73	52.14	0	0	12656	1	0	0	0	1	0	0.000	0
1259	1256	103.02	8.1	3.0	26.65	54.48	0	0	11887	1	0	0	0	1	0	0.000	0
1260	1257	103.1	6.88	2.9	30.19	63.31	0	0	6297	1	0	0	0	1	0	0.000	0
1261	1258	103.18	5.26	2.7	36.97	78.46	0	0	2593	1	0	0	0	1	0	0.000	0
1262	1259	103.26	4.04	2.6	44.55	108.01	0	0	1283	1	1	0	0	1	0	0.000	0
1263	1260	103.35	3.29	2.5	54.37	125.64	0	0	895	1	1	0	0	1	0	0.000	0
1264	1261	103.43	2.64	2.3	63.33	140.19	0	0	619	1	1	1	0	1	0	0.000	0
1265	1262	103.51	1.99	2.2	73.01	154.97	0	0	412	1	1	1	0	1	0	0.000	0
1266	1263	103.59	1.44	2.1	82.36	165.89	0	0	286	0	1	1	0	1	0	0.000	0
1267	1264	103.67	1.23	2.0	87.99	166.4	0	0	253	0	1	1	0	1	0	0.000	0
1268	1265	103.76	1.23	2.0	90.92	169.39	0	0	263	0	1	1	0	1	0	0.000	0
1269	1266	103.84	1.3	2.0	92.34	181.94	0	0	286	[illegible]	1	1	0	1	0	0.000	0
1270	1267	103.92	1.37	2.0	93.74	182.42	0	0	311	0	1	1	0	1	0	0.000	0
1271	1268	104	1.37	2.0	96.4	185.93	0	0	321	0	1	1	0	1	0	0.000	0
1272	1269	104.08	1.26	2.0	103.37	197.06	0	0	314	0	1	1	0	1	0	0.000	0
1273	1270	104.17	1.05	1.9	112.98	206.24	0	0	284	0	1	1	0	1	0	0.000	0
1274	1271	104.25	0.92	1.8	122.27	205.03	0	0	274	0	1	1	0	1	0	0.000	0
1275	1272	104.33	0.89	1.8	129.4	218.54	0	0	283	0	1	1	0	1	0	0.000	0
1276	1273	104.41	1.06	1.9	117.34	242.31	0	0	299	0	1	1	0	1	0	0.000	0
1277	1274	104.49	1.25	2.0	102.06	170.84	0	0	30[illegible]	0	1	1	0	1	0	0.000	0
1278	1275	104.58	1.31	2.0	103.27	161.29	0	0	325	0	1	1	0	1	0	0.000	0
1279	1276	104.66	1.33	1.9	116.04	252.52	0	0	282	0	1	1	0	1	0	0.000	0
1280	1277	104.74	1.58	2.0	127.66	243.71	0	0	537	0	1	1	0	1	0	0.000	0
1281	1278	104.82	1.87	2.0	123.26	247.12	0	0	675	0	1	1	0	1	0	0.000	0
1282	1279	104.9	1.92	2.0	123.25	249.58	0	0	707	0	1	1	0	1	0	0.000	0
1283	1280	104.99	1.75	2.0	120.93	247.15	0	0	592	0	1	1	0	1	0	0.000	0
1284	1281	105.07	1.65	2.0	116.37	225.64	0	0	517	0	1	1	0	1	0	0.000	0
1285	1282	105.15	1.67	2.0	110.98	220.99	0	0	499	0	1	1	0	1	0	0.000	0
1286	1283	105.23	1.72	2.1	104.83	221.31	0	0	490	0	1	1	0	1	0	0.000	0
1287	1284	105.31	1.71	2.1	98.68	198.03	0	0	453	0	1	1	0	1	0	0.000	0
1288	1285	105.4	1.69	2.1	91.68	189.28	0	0	409	0	1	1	0	1	0	0.000	0
1289	1286	105.48	1.51	2.1	88.88	184.34	0	0	334	0	1	1	0	1	0	0.000	0
1290	1287	105.56	1.32	2.0	88.42	168.53	0	0	277	0	1	1	0	1	0	0.000	0
1291	1288	105.64	1.19	2.0	87.98	169.55	0	0	244	0	1	1	0	1	0	0.000	0
1292	1289	105.72	1.18	2.0	87.89	166.27	0	0	241	0	1	1	0	1	0	0.000	0
1293	1290	105.81	1.3	2.0	85.55	167.88	0	0	262	0	1	1	0	1	0	0.000	0
1294	1291	105.89	1.41	2.1	83.83	167.52	0	0	284	0	1	1	0	1	0	0.000	0
1295	1292	105.97	1.55	2.1	80.63	169.04	0	0	309	0	1	1	0	1	0	0.000	0
1296	1293	106.05	1.6	2.1	78.62	159.08	0	0	314	1	1	1	0	1	0	0.000	0
1297	1294	106.13	1.64	2.1	76.95	160.06	0	0	318	0	1	1	0	1	0	0.000	0
1298	1295	106.22	1.63	2.1	77.68	160.41	0	0	318	0	1	1	0	1	0	0.000	0
1299	1296	106.3	1.61	2.1	80.18	163.97	0	0	325	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1300	1297	106.38	1.51	2.1	85.36	175.48	0	0	318	0	1	1	0	1	0	0.000	0
1301	1298	106.46	1.37	2.0	92.13	186.63	0	0	305	0	1	1	0	1	0	0.000	0
1302	1299	106.54	1.4	2.0	97.27	195.52	0	0	334	0	1	1	0	1	0	0.000	0
1303	1300	106.63	1.44	2.0	101.77	206.18	0	0	365	0	1	1	0	1	0	0.000	0
1304	1301	106.71	1.5	2.0	103.78	213.45	0	0	395	0	1	1	0	1	0	0.000	0
1305	1302	106.79	1.48	2.0	104.15	209.79	0	0	389	0	1	1	0	1	0	0.000	0
1306	1303	106.87	1.53	2.0	100.84	206.84	0	0	393	0	1	1	0	1	0	0.000	0
1307	1304	106.95	1.54	2.0	99.36	199.99	0	0	390	0	1	1	0	1	0	0.000	0
1308	1305	107.04	1.46	2.0	97.61	203.34	0	0	355	0	1	1	0	1	0	0.000	0
1309	1306	107.12	1.38	2.0	96.01	193.84	0	0	323	0	1	1	0	1	0	0.000	0
1310	1307	107.2	1.33	2.0	92.96	184.85	0	0	297	0	1	1	0	1	0	0.000	0
1311	1308	107.28	1.36	2.0	91.78	182.91	0	0	301	0	1	1	0	1	0	0.000	0
1312	1309	107.36	1.4	2.0	92.98	188.86	0	0	317	0	1	1	0	1	0	0.000	0
1313	1310	107.45	1.35	2.0	94.48	196.23	0	0	308	0	1	1	0	1	0	0.000	0
1314	1311	107.53	1.23	2.0	98.41	186.18	0	0	288	1	1	0	1	0	0.000	0	
1315	1312	107.61	1	1.9	106.11	191.06	0	0	252	0	1	1	0	1	0	0.000	0
1316	1313	107.69	0.86	1.8	118.25	200.3	0	0	249	0	1	1	0	1	0	0.000	0
1317	1314	107.77	0.82	1.8	130.46	222.89	0	0	267	0	1	1	0	1	0	0.000	0
1318	1315	107.86	0.87	1.8	141.82	251.81	0	0	307	0	1	1	0	1	0	0.000	0
1319	1316	107.94	1	1.8	149.18	272.7	0	0	368	0	1	1	0	1	0	0.000	0
1320	1317	108.02	1.17	1.8	148.81	283.11	0	0	432	0	1	1	0	1	0	0.000	0
1321	1318	108.1	1.33	1.9	139.15	270.23	0	0	467	0	1	1	0	1	0	0.000	0
1322	1319	108.18	1.47	2.0	124.51	243.29	0	0	47	0	1	1	0	1	0	0.000	0
1323	1320	108.27	1.51	2.0	108.63	223.84	0	0	420	0	1	1	0	1	0	0.000	0
1324	1321	108.35	1.51	2.0	96.13	194.29	0	0	65	0	1	1	0	1	0	0.000	0
1325	1322	108.43	1.48	2.1	84.18	178.53	0	0	304	0	1	1	0	1	0	0.000	0
1326	1323	108.51	1.42	2.1	76.41	151.87	0	0	257	1	1	1	0	1	0	0.000	0
1327	1324	108.59	1.3	2.1	71.72	138.88	0	0	212	1	1	1	0	1	0	0.000	0
1328	1325	108.68	1.09	2.0	72.48	135.72	0	0.01	176	1	1	1	0	1	0	0.000	0
1329	1326	108.76	0.93	2.0	76.61	136.5	0	0.03	161	1	1	1	0	1	0	0.000	0
1330	1327	108.84	0.9	2.0	78.71	145.85	0	0.01	162	1	1	1	0	1	0	0.000	0
1331	1328	108.92	0.97	2.0	77.74	142.93	0	0.01	171	1	1	1	0	1	0	0.000	0
1332	1329	109	1.06	2.0	76.61	139.65	0	0.01	183	1	1	1	0	1	0	0.000	0
1333	1330	109.09	1.09	2.0	78.47	150.53	0	0	194	1	1	1	0	1	0	0.000	0
1334	1331	109.17	1.07	2.0	83.35	158.65	0	0	204	1	1	1	0	1	0	0.000	0
1335	1332	109.25	1.1	2.0	85.11	168.51	0	0	215	0	1	1	0	1	0	0.000	0
1336	1333	109.33	1.15	2.0	85.4	163.99	0	0	227	0	1	1	0	1	0	0.000	0
1337	1334	109.41	1.2	2.0	84.12	167.63	0	0	234	0	1	1	0	1	0	0.000	0
1338	1335	109.5	1.23	2.0	81.22	168.37	0	0	231	0	1	1	0	1	0	0.000	0
1339	1336	109.58	1.35	2.1	74.67	151.95	0	0	234	1	1	1	0	1	0	0.000	0
1340	1337	109.66	1.42	2.1	67.98	135.74	0	0	223	1	1	1	0	1	0	0.000	0
1341	1338	109.74	1.38	2.1	65.22	129.82	0	0	204	1	1	1	0	1	0	0.000	0
1342	1339	109.82	1.12	2.1	67.1	129.78	0	0.01	165	1	1	1	0	1	0	0.000	0
1343	1340	109.91	0.91	2.0	70.79	127.79	0	0.04	144	1	1	1	0	1	0	0.000	0
1344	1341	109.99	0.8	2.0	74.4	129.79	0	0.06	137	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1345	1342	110.07	0.79	1.9	76.3	134.84	0	0.05	140	1	1	1	0	1	0	0.000	0
1346	1343	110.15	0.8	1.9	77.38	133.77	0	0.05	144	1	1	1	0	1	0	0.000	0
1347	1344	110.23	0.82	2.0	76.52	137.56	0	0	145	1	1	1	0	1	0	0.000	0
1348	1345	110.32	0.91	2.0	74.07	135.71	0	0	152	1	1	1	0	1	0	0.000	0
1349	1346	110.4	0.98	2.0	69.9	132.37	0	0	152	1	1	1	0	1	0	0.000	0
1350	1347	110.48	1.07	2.1	62.63	125.18	0	0	144	1	1	1	0	1	0	0.000	0
1351	1348	110.56	1.26	2.2	53.78	103.8	0	0	142	1	1	1	0	1	0	0.000	0
1352	1349	110.64	1.84	2.4	39.86	94.41	0	0	162	1	1	1	0	1	0	0.000	0
1353	1350	110.73	2.74	2.6	28.47	60.8	0	0	212	1	0	1	0	1	0	0.000	0
1354	1351	110.81	3.98	2.8	19.83	38.07	0	0	279	1	0	0	0	1	0	0.000	0
1355	1352	110.89	5.28	3.0	13.71	29.78	0	0	130	1	0	0	0	1	0	0.000	0
1356	1353	110.97	7.05	3.2	9.6	19.52	0	0	-1166	1	0	0	1	1	0	0.000	0
1357	1354	111.06	8.87	3.4	6.92	12.42	0	0	-7889	1	0	0	1	1	0	0.000	0
1358	1355	111.14	8.54	3.5	5.69	12.06	0	0	-7718	1	0	0	1	1	0	0.000	0
1359	1356	111.22	6.39	3.4	5.47	11.1	0	0	-1750	1	0	0	1	1	0	0.000	0
1360	1357	111.3	4.87	3.4	5.07	10.15	0	0	-580	1	0	0	1	1	0	0.000	0
1361	1358	111.38	4.59	3.4	4.79	9.95	0	0	-482	1	0	0	1	1	0	0.000	0
1362	1359	111.47	4.7	3.4	4.52	9.68	0	0	-545	1	0	0	1	1	0	0.000	0
1363	1360	111.55	5.01	3.4	4.13	8.76	0	0	-730	1	0	0	1	1	0	0.000	0
1364	1361	111.63	5.54	3.5	3.65	7.98	0	0	-1163	1	0	0	1	1	0	0.000	0
1365	1362	111.71	5.76	3.6	3.37	7.46	0	0	-1419	1	0	0	1	1	0	0.000	0
1366	1363	111.79	5.52	3.6	3.29	7.45	0	0	-1392	1	0	0	1	1	0	0.000	0
1367	1364	111.88	4.96	3.5	3.43	7.58	0	0	-761	1	0	0	1	1	0	0.000	0
1368	1365	111.96	4.51	3.5	3.64	7.93	0	0	-515	1	0	0	1	1	0	0.000	0
1369	1366	112.04	4.31	3.4	3.87	8.35	0	0	-331	1	0	0	1	1	0	0.000	0
1370	1367	112.12	4.27	3.4	4.05	8.67	0	0	-408	1	0	0	1	1	0	0.000	0
1371	1368	112.2	4.38	3.4	4.13	8.84	0	0	-442	1	0	0	1	1	0	0.000	0
1372	1369	112.29	4.6	3.4	4.16	8.9	0	0	-526	1	0	0	1	1	0	0.000	0
1373	1370	112.37	4.81	3.4	4.24	8.99	0	0	-615	1	0	0	1	1	0	0.000	0
1374	1371	112.45	5	3.4	4.37	9.38	0	0	-703	1	0	0	1	1	0	0.000	0
1375	1372	112.53	5.14	3.4	4.49	9.71	0	0	-773	1	0	0	1	1	0	0.000	0
1376	1373	112.61	5.26	3.4	4.57	9.81	0	0	-840	1	0	0	1	1	0	0.000	0
1377	1374	112.7	5.25	3.4	4.59	9.95	0	0	-832	1	0	0	1	1	0	0.000	0
1378	1375	112.78	5.1	3.4	4.57	9.92	0	0	-742	1	0	0	1	1	0	0.000	0
1379	1376	112.86	4.9	3.4	4.51	9.79	0	0	-639	1	0	0	1	1	0	0.000	0
1380	1377	112.94	4.81	3.4	4.42	9.67	0	0	-602	1	0	0	1	1	0	0.000	0
1381	1378	113.02	4.54	3.4	4.43	9.41	0	0	-485	1	0	0	1	1	0	0.000	0
1382	1379	113.11	4.3	3.4	4.46	9.56	0	0	-398	1	0	0	1	1	0	0.000	0
1383	1380	113.19	4.03	3.4	4.55	9.56	0	0	-316	1	0	0	1	1	0	0.000	0
1384	1381	113.27	3.99	3.4	4.58	9.75	0	0	-304	1	0	0	1	1	0	0.000	0
1385	1382	113.35	3.89	3.3	4.65	9.78	0	0	-278	1	0	0	1	1	0	0.000	0
1386	1383	113.43	3.84	3.3	4.72	9.92	0	0	-264	1	0	0	1	1	0	0.000	0
1387	1384	113.52	3.83	3.3	4.75	10.08	0	0	-261	1	0	0	1	1	0	0.000	0
1388	1385	113.6	3.93	3.3	4.69	9.95	0	0	-286	1	0	0	1	1	0	0.000	0
1389	1386	113.68	4.04	3.4	4.55	9.69	0	0	-318	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1390	1387	113.76	4.15	3.4	4.45	9.41	0	0	-353	1	0	0	1	1	0	0.000	0
1391	1388	113.84	4.36	3.4	4.44	9.41	0	0	-419	1	0	0	1	1	0	0.000	0
1392	1389	113.93	4.58	3.4	4.58	9.51	0	0	-491	1	0	0	1	1	0	0.000	0
1393	1390	114.01	4.69	3.4	4.88	9.93	0	0	-516	1	0	0	1	1	0	0.000	0
1394	1391	114.09	5.03	3.4	5.08	10.93	0	0	-657	1	0	0	1	1	0	0.000	0
1395	1392	114.17	6.08	3.4	5.06	10.71	0	0	-1471	1	0	0	1	1	0	0.000	0
1396	1393	114.25	7.87	3.5	4.92	10.09	0	0	-5434	1	0	0	1	1	0	0.000	0
1397	1394	114.34	8.76	3.5	5.58	10.43	0	0	-9091	1	0	0	1	1	0	0.000	0
1398	1395	114.42	7.71	3.3	7.81	14.11	0	0	-3008	1	0	0	1	1	0	0.000	0
1399	1396	114.5	7.15	3.2	10.29	23.6	0	0	-955	1	0	0	1	1	0	0.000	0
1400	1397	114.58	7.09	3.2	12.21	25.75	0	0	-120	1	0	0	1	1	0	0.000	0
1401	1398	114.66	7.81	3.2	12.76	27.08	0	0	179	1	0	0	0	1	0	0.000	0
1402	1399	114.75	8.56	3.2	12.67	27.98	0	0	195	1	0	0	0	1	0	0.000	0
1403	1400	114.83	9.15	3.2	12.44	25.97	0	0	-102	1	0	0	1	1	0	0.000	0
1404	1401	114.91	9.31	3.2	12.28	26.21	0	0	-416	1	0	0	1	1	0	0.000	0
1405	1402	114.99	9.07	3.2	12.73	27.05	0	0	371	1	0	0	0	1	0	0.000	0
1406	1403	115.07	8.92	3.2	13.41	28.71	0	0	1330	1	0	0	0	1	0	0.000	0
1407	1404	115.16	8.77	3.2	14.33	30.75	0	0	2420	1	0	0	0	1	0	0.000	0
1408	1405	115.24	8.16	3.1	15.56	33.23	0	0	2679	1	0	0	0	1	0	0.000	0
1409	1406	115.32	7.05	3.1	17.16	37.26	0	0	1874	1	0	0	0	1	0	0.000	0
1410	1407	115.4	5.66	3.0	19.19	41.71	0	0	964	1	0	0	0	1	0	0.000	0
1411	1408	115.48	4.35	2.8	21.43	47.41	0	0	460	1	0	0	0	1	0	0.000	0
1412	1409	115.57	3.21	2.7	23.95	53.28	0	0	221	1	0	0	0	1	0	0.000	0
1413	1410	115.65	2.41	2.6	26.24	60.02	0	0	136	1	0	1	0	1	0	0.000	0
1414	1411	115.73	2.02	2.5	27.83	64.43	0	0.14	107	1	1	1	0	1	0	0.000	0
1415	1412	115.81	1.99	2.5	28.36	65.41	0	0.14	108	1	1	1	0	1	0	0.000	0
1416	1413	115.89	2.21	2.6	28.02	64.35	0	0.14	129	1	1	1	0	1	0	0.000	0
1417	1414	115.98	2.57	2.6	27.06	61.92	0	0	167	1	0	1	0	1	0	0.000	0
1418	1415	116.06	3	2.7	25.73	58.16	0	0	221	1	0	0	0	1	0	0.000	0
1419	1416	116.14	3.4	2.7	24.35	54.35	0	0	278	1	0	0	0	1	0	0.000	0
1420	1417	116.22	3.59	2.8	23.28	51.7	0	0	297	1	0	0	0	1	0	0.000	0
1421	1418	116.3	3.53	2.8	22.55	50.23	0	0	263	1	0	0	0	1	0	0.000	0
1422	1419	116.39	3.42	2.8	22.23	49.01	0	0	232	1	0	0	0	1	0	0.000	0
1423	1420	116.47	3.43	2.8	22.18	49.34	0	0	233	1	0	0	0	1	0	0.000	0
1424	1421	116.55	3.63	2.8	22.32	49.96	0	0	280	1	0	0	0	1	0	0.000	0
1425	1422	116.63	3.87	2.8	22.43	50.14	0	0	346	1	0	0	0	1	0	0.000	0
1426	1423	116.71	4.1	2.8	22.49	50.32	0	0	420	1	0	0	0	1	0	0.000	0
1427	1424	116.8	4.34	2.8	22.83	50.51	0	0	528	1	0	0	0	1	0	0.000	0
1428	1425	116.88	4.52	2.8	23.28	52.9	0	0	637	1	0	0	0	1	0	0.000	0
1429	1426	116.96	4.56	2.8	24.11	53.81	0	0	709	1	0	0	0	1	0	0.000	0
1430	1427	117.04	4.16	2.8	25.95	56.86	0	0	594	1	0	0	0	1	0	0.000	0
1431	1428	117.12	3.5	2.7	29.27	67.39	0	0	428	1	0	0	0	1	0	0.000	0
1432	1429	117.21	2.71	2.5	34.69	80.63	0	0	287	1	1	1	0	1	0	0.000	0
1433	1430	117.29	2.17	2.4	42.46	102.87	0	0	240	1	1	1	0	1	0	0.000	0
1434	1431	117.37	1.74	2.3	51.39	118.11	0	0	210	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1435	1432	117.45	1.46	2.2	56.94	129.1	0	0	185	1	1	1	0	1	0	0.000	0
1436	1433	117.53	1.2	2.1	59.72	126.51	0	0	154	1	1	1	0	1	0	0.000	0
1437	1434	117.62	1.11	2.1	59.08	120.24	0	0.03	139	1	1	1	0	1	0	0.000	0
1438	1435	117.7	1.11	2.1	55.93	117.92	0	0.03	130	1	1	1	0	1	0	0.000	0
1439	1436	117.78	1.29	2.2	51.99	107.67	0	0.05	140	1	1	1	0	1	0	0.000	0
1440	1437	117.86	1.42	2.3	49.15	105.66	0	0.05	147	1	1	1	0	1	0	0.000	0
1441	1438	117.94	1.62	2.3	48.12	107.16	0	0.04	172	1	1	1	0	1	0	0.000	0
1442	1439	118.03	1.72	2.3	48.41	110.01	0	0.03	191	1	1	1	0	1	0	0.000	0
1443	1440	118.11	1.82	2.3	49.52	112.42	0	0.02	216	1	1	1	0	1	0	0.000	0
1444	1441	118.19	1.86	2.3	51.57	119.33	0	0	236	1	1	1	0	1	0	0.000	0
1445	1442	118.27	1.91	2.3	54.89	127.44	0	0	268	1	1	1	0	1	0	0.000	0
1446	1443	118.35	1.97	2.3	57.15	140.53	0	0	298	1	1	1	0	1	0	0.000	0
1447	1444	118.44	1.91	2.3	60.09	139.77	0	0	301	1	1	1	0	1	0	0.000	0
1448	1445	118.52	1.81	2.2	61.01	148.67	0	0	280	1	1	1	0	1	0	0.000	0
1449	1446	118.6	1.6	2.2	62.25	141.53	0	0	236	1	1	1	0	1	0	0.000	0
1450	1447	118.68	1.48	2.2	60.61	137.32	0	0	204	1	1	1	0	1	0	0.000	0
1451	1448	118.77	1.34	2.2	58.02	127.52	0	0	169	1	1	1	0	1	0	0.000	0
1452	1449	118.85	1.37	2.2	53.52	115.34	0	0.02	157	1	1	1	0	1	0	0.000	0
1453	1450	118.93	1.42	2.3	49.35	107.59	0	0.04	148	1	1	1	0	1	0	0.000	0
1454	1451	119.01	1.65	2.3	45.28	102.69	0	0.05	163	1	1	1	0	1	0	0.000	0
1455	1452	119.09	1.73	2.3	43.04	97.08	0	0.06	164	1	1	1	0	1	0	0.000	0
1456	1453	119.18	1.69	2.3	42.74	96.18	0	0.06	156	1	1	1	0	1	0	0.000	0
1457	1454	119.26	1.45	2.3	46.61	98.84	0	0.06	14	1	1	1	0	1	0	0.000	0
1458	1455	119.34	1.26	2.2	52.79	113.61	0	0.03	135	1	1	1	0	1	0	0.000	0
1459	1456	119.42	1.09	2.1	64.48	126.31	0	0.02	53	1	1	1	0	1	0	0.000	0
1460	1457	119.5	1.01	2.0	75.15	162.86	0	0	170	0	1	1	0	1	0	0.000	0
1461	1458	119.59	1.03	2.0	82.94	172.96	0	0	195	0	1	1	0	1	0	0.000	0
1462	1459	119.67	1.16	2.0	83.44	180.49	0	0	223	0	1	1	0	1	0	0.000	0
1463	1460	119.75	1.28	2.1	80.84	182.88	0	0	240	0	1	1	0	1	0	0.000	0
1464	1461	119.83	1.32	2.1	77.57	171.97	0	0	238	0	1	1	0	1	0	0.000	0
1465	1462	119.91	1.39	2.1	70.46	166.02	0	0	226	0	1	1	0	1	0	0.000	0
1466	1463	120	1.5	2.2	62.81	138.19	0	0	218	1	1	1	0	1	0	0.000	0
1467	1464	120.08	1.64	2.3	53.66	125.51	0	0	203	1	1	1	0	1	0	0.000	0
1468	1465	120.16	1.81	2.3	45.74	107.33	0	0	192	1	1	1	0	1	0	0.000	0
1469	1466	120.24	2.05	2.4	38.06	89.51	0	0	184	1	1	1	0	1	0	0.000	0
1470	1467	120.32	2.41	2.5	32.65	77.22	0	0	200	1	1	1	0	1	0	0.000	0
1471	1468	120.41	2.76	2.6	29.74	69.85	0	0	233	1	0	1	0	1	0	0.000	0
1472	1469	120.49	2.91	2.6	27.93	64.95	0	0	238	1	0	1	0	1	0	0.000	0
1473	1470	120.57	2.82	2.6	26.93	62.2	0	0	206	1	0	1	0	1	0	0.000	0
1474	1471	120.65	2.57	2.6	26.6	61.45	0	0	161	1	0	1	0	1	0	0.000	0
1475	1472	120.73	2.45	2.6	26.81	62.2	0	0.15	147	1	0	1	0	1	0	0.000	0
1476	1473	120.82	2.48	2.6	27.93	63.91	0	0.14	163	1	1	1	0	1	0	0.000	0
1477	1474	120.9	2.52	2.6	29.55	70.98	0	0.11	187	1	1	1	0	1	0	0.000	0
1478	1475	120.98	2.51	2.6	31.54	75.94	0	0	207	1	1	1	0	1	0	0.000	0
1479	1476	121.06	2.41	2.5	33.77	80.94	0	0	211	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1480	1477	121.14	2.31	2.5	37.1	90.67	0	0	223	1	1	1	0	1	0	0.000	0
1481	1478	121.23	2.15	2.4	43.05	104.12	0	0	240	1	1	1	0	1	0	0.000	0
1482	1479	121.31	2.06	2.4	48.72	122.64	0	0	263	1	1	1	0	1	0	0.000	0
1483	1480	121.39	2.16	2.4	51.17	132.59	0	0	307	1	1	1	0	1	0	0.000	0
1484	1481	121.47	2.35	2.4	49.62	127.63	0	0	350	1	1	1	0	1	0	0.000	0
1485	1482	121.55	2.61	2.4	46	117.54	0	0	397	1	1	1	0	1	0	0.000	0
1486	1483	121.64	2.63	2.5	43.16	110.58	0	0.01	370	1	1	1	0	1	0	0.000	0
1487	1484	121.72	2.7	2.5	40.65	105.61	0	0.03	361	1	1	1	0	1	0	0.000	0
1488	1485	121.8	2.8	2.5	39.21	97.87	0	0.05	374	1	1	1	0	1	0	0.000	0
1489	1486	121.88	2.97	2.5	38.43	96.87	0	0.05	421	1	1	1	0	1	0	0.000	0
1490	1487	121.96	2.99	2.5	38.59	98.35	0	0.04	431	1	1	1	0	1	0	0.000	0
1491	1488	122.05	2.82	2.5	39.1	99.61	0	0.04	379	1	1	1	0	1	0	0.000	0
1492	1489	122.13	2.59	2.5	39.57	101.78	0	0.04	315	1	1	1	0	1	0	0.000	0
1493	1490	122.21	2.42	2.5	40.12	102.68	0	0.04	277	1	1	1	0	1	0	0.000	0
1494	1491	122.29	2.33	2.5	39.74	100.63	0	0.04	252	1	1	1	0	1	0	0.000	0
1495	1492	122.37	2.3	2.5	38.59	96.77	0	0.05	235	1	1	1	0	1	0	0.000	0
1496	1493	122.46	2.2	2.5	37.38	92.97	0	0.06	205	1	1	1	0	1	0	0.000	0
1497	1494	122.54	2.01	2.4	37.23	88.75	0	0.07	171	1	1	1	0	1	0	0.000	0
1498	1495	122.62	1.91	2.4	37.07	90.31	0	0.06	155	1	1	1	0	1	0	0.000	0
1499	1496	122.7	1.92	2.4	37.24	89.3	0	0.07	158	1	1	1	0	1	0	0.000	0
1500	1497	122.78	2.09	2.4	37.25	90.49	0	0.06	184	1	1	1	0	1	0	0.000	0
1501	1498	122.87	2.21	2.5	37.73	95.09	0	0.05	210	1	1	1	0	1	0	0.000	0
1502	1499	122.95	2.3	2.5	37.94	97.12	0	0.05	221	1	1	1	0	1	0	0.000	0
1503	1500	123.03	2.41	2.5	37.19	94.46	0	0.05	245	1	1	1	0	1	0	0.000	0
1504	1501	123.11	2.75	2.5	35.88	91.11	0	0.06	314	1	1	1	0	1	0	0.000	0
1505	1502	123.19	3.15	2.6	34.36	85.46	0	0.07	415	1	1	0	0	1	0	0.000	0
1506	1503	123.28	3.35	2.6	33.91	80.98	0	0	482	1	0	0	0	1	0	0.000	0
1507	1504	123.36	3.21	2.6	34.14	87.25	0	0	432	1	1	0	0	1	0	0.000	0
1508	1505	123.44	2.85	2.6	35.38	87.51	0	0	335	1	1	1	0	1	0	0.000	0
1509	1506	123.52	2.46	2.5	37.27	92.17	0	0	257	1	1	1	0	1	0	0.000	0
1510	1507	123.6	2.18	2.4	40.93	104.77	0	0	230	1	1	1	0	1	0	0.000	0
1511	1508	123.69	1.95	2.4	44.73	111.45	0	0	211	1	1	1	0	1	0	0.000	0
1512	1509	123.77	1.71	2.3	47.38	114.16	0	0	184	1	1	1	0	1	0	0.000	0
1513	1510	123.85	1.4	2.3	47.75	115.41	0	0	139	1	1	1	0	1	0	0.000	0
1514	1511	123.93	1.33	2.3	42.22	100.01	0	0	110	1	1	1	0	1	0	0.000	0
1515	1512	124.01	1.7	2.5	28.54	74.16	0	0	84	1	1	1	0	1	0	0.000	0
1516	1513	124.1	2.8	2.8	18.82	35.24	0	0	89	1	0	1	0	1	0	0.000	0
1517	1514	124.18	4.93	3.1	11.69	23.11	0	0	-66	1	0	0	1	1	0	0.000	0
1518	1515	124.26	6.92	3.3	9.03	20.89	0	0	-1271	1	0	0	1	1	0	0.000	0
1519	1516	124.34	8.61	3.4	7.8	17.7	0	0	-5583	1	0	0	1	1	0	0.000	0
1520	1517	124.42	10.09	3.5	6.76	15.35	0	0	-17940	1	0	0	1	1	0	0.000	0
1521	1518	124.51	10.85	3.5	5.89	14.47	0	0	-33258	1	0	0	1	1	0	0.000	0
1522	1519	124.59	10.82	3.6	5.06	12.43	0	0	-36747	1	0	0	1	1	0	0.000	0
1523	1520	124.67	10.53	3.6	4.09	10.41	0	0	-34684	1	0	0	1	1	0	0.000	0
1524	1521	124.75	9.92	3.7	3.39	8.76	0	0	-25549	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1525	1522	124.83	8.68	3.7	3.03	8.38	0	0	-11792	1	0	0	1	1	0	0.000	0
1526	1523	124.92	7.5	3.7	2.93	8.34	0	0	-5299	1	0	0	1	1	0	0.000	0
1527	1524	125	6.47	3.6	2.87	8.19	0	0	-2543	1	0	0	1	1	0	0.000	0
1528	1525	125.08	5.98	3.6	2.8	8.04	0	0	-1780	1	0	0	1	1	0	0.000	0
1529	1526	125.16	5.79	3.6	2.75	7.96	0	0	-1550	1	0	0	1	1	0	0.000	0
1530	1527	125.24	5.53	3.6	2.73	7.9	0	0	-1275	1	0	0	1	1	0	0.000	0
1531	1528	125.33	5.19	3.6	2.77	7.96	0	0	-976	1	0	0	1	1	0	0.000	0
1532	1529	125.41	4.95	3.6	2.86	8.15	0	0	-802	1	0	0	1	1	0	0.000	0
1533	1530	125.49	4.88	3.6	2.98	8.42	0	0	-749	1	0	0	1	1	0	0.000	0
1534	1531	125.57	4.91	3.5	3.11	8.64	0	0	-757	1	0	0	1	1	0	0.000	0
1535	1532	125.65	4.93	3.5	3.24	8.9	0	0	-758	1	0	0	1	1	0	0.000	0
1536	1533	125.74	4.92	3.5	3.36	9.14	0	0	-742	1	0	0	1	1	0	0.000	0
1537	1534	125.82	4.87	3.5	3.45	9.33	0	0	-707	1	0	0	1	1	0	0.000	0
1538	1535	125.9	4.77	3.5	3.55	9.47	0	0	-646	1	0	0	1	1	0	0.000	0
1539	1536	125.98	4.77	3.5	3.66	9.71	0	0	-638	1	0	0	1	1	0	0.000	0
1540	1537	126.06	4.87	3.5	3.86	9.97	0	0	-675	1	0	0	1	1	0	0.000	0
1541	1538	126.15	5.02	3.5	4.06	10.64	0	0	-742	1	0	0	1	1	0	0.000	0
1542	1539	126.23	5.29	3.5	4.19	10.84	0	0	-901	1	0	0	1	1	0	0.000	0
1543	1540	126.31	5.73	3.5	4.28	10.76	0	0	-1249	1	0	0	1	1	0	0.000	0
1544	1541	126.39	6.17	3.5	4.38	11.12	0	0	-1717	1	0	0	1	1	0	0.000	0
1545	1542	126.47	6.38	3.5	4.55	11.45	0	0	-1965	1	0	0	1	1	0	0.000	0
1546	1543	126.56	6.4	3.5	4.65	11.78	0	0	-1969	1	0	0	1	1	0	0.000	0
1547	1544	126.64	6.6	3.5	4.62	11.72	0	0	-2281	1	0	0	1	1	0	0.000	0
1548	1545	126.72	6.91	3.5	4.58	11.29	0	0	-2881	1	0	0	1	1	0	0.000	0
1549	1546	126.8	6.93	3.5	4.61	11.53	0	0	-2911	1	0	0	1	1	0	0.000	0
1550	1547	126.88	6.53	3.5	4.79	11.87	0	0	-2127	1	0	0	1	1	0	0.000	0
1551	1548	126.97	6.05	3.4	4.94	12.36	0	0	-1462	1	0	0	1	1	0	0.000	0
1552	1549	127.05	5.84	3.4	5.03	12.38	0	0	-1234	1	0	0	1	1	0	0.000	0
1553	1550	127.13	5.88	3.4	5	12.3	0	0	-1277	1	0	0	1	1	0	0.000	0
1554	1551	127.21	6.04	3.4	4.92	12.15	0	0	-1455	1	0	0	1	1	0	0.000	0
1555	1552	127.3	6.37	3.5	4.81	11.87	0	0	-1886	1	0	0	1	1	0	0.000	0
1556	1553	127.38	6.66	3.5	4.68	11.58	0	0	-2373	1	0	0	1	1	0	0.000	0
1557	1554	127.46	6.9	3.5	4.58	11.41	0	0	-2860	1	0	0	1	1	0	0.000	0
1558	1555	127.54	6.9	3.5	4.53	11.24	0	0	-2878	1	0	0	1	1	0	0.000	0
1559	1556	127.62	6.81	3.5	4.48	11.23	0	0	-2714	1	0	0	1	1	0	0.000	0
1560	1557	127.71	6.65	3.5	4.39	10.99	0	0	-2443	1	0	0	1	1	0	0.000	0
1561	1558	127.79	6.52	3.5	4.27	10.67	0	0	-2254	1	0	0	1	1	0	0.000	0
1562	1559	127.87	6.46	3.5	4.15	10.46	0	0	-2189	1	0	0	1	1	0	0.000	0
1563	1560	127.95	6.48	3.5	4.06	10.29	0	0	-2245	1	0	0	1	1	0	0.000	0
1564	1561	128.03	6.58	3.5	3.98	10.16	0	0	-2439	1	0	0	1	1	0	0.000	0
1565	1562	128.12	6.71	3.5	3.9	9.97	0	0	-2706	1	0	0	1	1	0	0.000	0
1566	1563	128.2	6.77	3.5	3.83	9.78	0	0	-2850	1	0	0	1	1	0	0.000	0
1567	1564	128.28	6.76	3.6	3.77	9.67	0	0	-2849	1	0	0	1	1	0	0.000	0
1568	1565	128.36	6.75	3.6	3.73	9.57	0	0	-2841	1	0	0	1	1	0	0.000	0
1569	1566	128.44	6.7	3.6	3.71	9.54	0	0	-2746	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1570	1567	128.53	6.63	3.6	3.67	9.49	0	0	-2621	1	0	0	1	1	0	0.000	0
1571	1568	128.61	6.55	3.6	3.59	9.37	0	0	-2495	1	0	0	1	1	0	0.000	0
1572	1569	128.69	6.62	3.6	3.47	9.06	0	0	-2661	1	0	0	1	1	0	0.000	0
1573	1570	128.77	6.82	3.6	3.27	8.73	0	0	-3146	1	0	0	1	1	0	0.000	0
1574	1571	128.85	6.98	3.6	3.1	8.28	0	0	-3596	1	0	0	1	1	0	0.000	0
1575	1572	128.94	7.01	3.6	2.98	8.05	0	0	-3721	1	0	0	1	1	0	0.000	0
1576	1573	129.02	6.67	3.6	2.99	8.09	0	0	-2907	1	0	0	1	1	0	0.000	0
1577	1574	129.1	6.09	3.6	3.08	8.24	0	0	-1877	1	0	0	1	1	0	0.000	0
1578	1575	129.18	5.49	3.6	3.2	8.49	0	0	-1177	1	0	0	1	1	0	0.000	0
1579	1576	129.26	5.24	3.5	3.33	8.68	0	0	-957	1	0	0	1	1	0	0.000	0
1580	1577	129.35	5.31	3.5	3.46	8.93	0	0	-996	1	0	0	1	1	0	0.000	0
1581	1578	129.43	5.62	3.5	3.53	9.2	0	0	-1254	1	0	0	1	1	0	0.000	0
1582	1579	129.51	6.21	3.6	3.41	9.19	0	0	-1981	1	0	0	1	1	0	0.000	0
1583	1580	129.59	6.91	3.6	3.2	8.62	0	0	-3383	1	0	0	1	1	0	0.000	0
1584	1581	129.67	7.63	3.7	2.98	8.32	0	0	-5774	1	0	0	1	1	0	0.000	0
1585	1582	129.76	7.68	3.7	2.91	8.12	0	0	-6024	1	0	0	1	1	0	0.000	0
1586	1583	129.84	7.37	3.7	2.89	8.06	0	0	-4855	1	0	0	1	1	0	0.000	0
1587	1584	129.92	6.8	3.6	2.92	8.12	0	0	-3218	1	0	0	1	1	0	0.000	0
1588	1585	130	6.44	3.6	2.98	8.22	0	0	-2459	1	0	0	1	1	0	0.000	0
1589	1586	130.08	6.34	3.6	3.01	8.34	0	0	-2277	1	0	0	1	1	0	0.000	0
1590	1587	130.17	6.36	3.6	3.07	8.3	0	0	-2296	1	0	0	1	1	0	0.000	0
1591	1588	130.25	6.33	3.6	3.17	8.53	0	0	-2422	1	0	0	1	1	0	0.000	0
1592	1589	130.33	6.17	3.6	3.37	8.86	0	0	-195	1	0	0	1	1	0	0.000	0
1593	1590	130.41	5.98	3.5	3.58	9.34	0	0	-1637	1	0	0	1	1	0	0.000	0
1594	1591	130.49	5.84	3.5	3.77	9.69	0	0	-142	1	0	0	1	1	0	0.000	0
1595	1592	130.58	5.96	3.5	3.86	9.86	0	0	-1562	1	0	0	1	1	0	0.000	0
1596	1593	130.66	6.54	3.5	3.75	9.86	0	0	-2432	1	0	0	1	1	0	0.000	0
1597	1594	130.74	7.41	3.6	3.52	9.14	0	0	-4666	1	0	0	1	1	0	0.000	0
1598	1595	130.82	8.33	3.7	3.28	8.65	0	0	-9064	1	0	0	1	1	0	0.000	0
1599	1596	130.9	9.07	3.7	3.14	8.56	0	0	-15109	1	0	0	1	1	0	0.000	0
1600	1597	130.99	9.28	3.7	3.07	8.33	0	0	-17477	1	0	0	1	1	0	0.000	0
1601	1598	131.07	9.19	3.7	3.01	8.2	0	0	-16579	1	0	0	1	1	0	0.000	0
1602	1599	131.15	8.6	3.7	3.01	8.24	0	0	-11198	1	0	0	1	1	0	0.000	0
1603	1600	131.23	8.26	3.7	3	8.25	0	0	-8904	1	0	0	1	1	0	0.000	0
1604	1601	131.31	8.09	3.7	2.94	8.06	0	0	-7976	1	0	0	1	1	0	0.000	0
1605	1602	131.4	8.16	3.7	2.83	7.94	0	0	-8465	1	0	0	1	1	0	0.000	0
1606	1603	131.48	8.22	3.7	2.73	7.73	0	0	-8910	1	0	0	1	1	0	0.000	0
1607	1604	131.56	8.26	3.7	2.65	7.56	0	0	-9232	1	0	0	1	1	0	0.000	0
1608	1605	131.64	8.22	3.7	2.6	7.43	0	0	-9029	1	0	0	1	1	0	0.000	0
1609	1606	131.72	8.17	3.7	2.55	7.34	0	0	-8770	1	0	0	1	1	0	0.000	0
1610	1607	131.81	8	3.7	2.52	7.21	0	0	-7827	1	0	0	1	1	0	0.000	0
1611	1608	131.89	7.83	3.7	2.5	7.15	0	0	-6973	1	0	0	1	1	0	0.000	0
1612	1609	131.97	7.66	3.7	2.51	7.19	0	0	-6188	1	0	0	1	1	0	0.000	0
1613	1610	132.05	7.5	3.7	2.51	7.14	0	0	-5531	1	0	0	1	1	0	0.000	0
1614	1611	132.13	7.31	3.7	2.5	7.04	0	0	-4842	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1615	1612	132.22	7.13	3.7	2.49	7.04	0	0	-4264	1	0	0	1	1	0	0.000	0
1616	1613	132.3	7.12	3.7	2.49	7.03	0	0	-4233	1	0	0	1	1	0	0.000	0
1617	1614	132.38	7.23	3.7	2.47	6.94	0	0	-4588	1	0	0	1	1	0	0.000	0
1618	1615	132.46	7.34	3.7	2.44	6.85	0	0	-4975	1	0	0	1	1	0	0.000	0
1619	1616	132.54	7.32	3.7	2.4	6.75	0	0	-4925	1	0	0	1	1	0	0.000	0
1620	1617	132.63	7.29	3.7	2.34	6.65	0	0	-4850	1	0	0	1	1	0	0.000	0
1621	1618	132.71	7.3	3.7	2.28	6.5	0	0	-4913	1	0	0	1	1	0	0.000	0
1622	1619	132.79	7.34	3.8	2.22	6.39	0	0	-5084	1	0	0	1	1	0	0.000	0
1623	1620	132.87	7.27	3.8	2.17	6.29	0	0	-4861	1	0	0	1	1	0	0.000	0
1624	1621	132.95	7.14	3.8	2.14	6.17	0	0	-4444	1	0	0	1	1	0	0.000	0
1625	1622	133.04	6.91	3.8	2.11	6.14	0	0	-3779	1	0	0	1	1	0	0.000	0
1626	1623	133.12	6.69	3.8	2.09	6.08	0	0	-3229	1	0	0	1	1	0	0.000	0
1627	1624	133.2	6.47	3.8	2.08	6.01	0	0	-2751	1	0	0	1	1	0	0.000	0
1628	1625	133.28	6.29	3.7	2.08	5.98	0	0	-2409	1	0	0	1	1	0	0.000	0
1629	1626	133.36	6.11	3.7	2.12	6.03	0	0	-2099	1	0	0	1	1	0	0.000	0
1630	1627	133.45	5.94	3.7	2.17	6.13	0	0	-1839	1	0	0	1	1	0	0.000	0
1631	1628	133.53	5.83	3.7	2.22	6.21	0	0	-1685	1	0	0	1	1	0	0.000	0
1632	1629	133.61	5.74	3.7	2.23	6.22	0	0	-1572	1	0	0	1	1	0	0.000	0
1633	1630	133.69	5.79	3.7	2.23	6.18	0	0	-1633	1	0	0	1	1	0	0.000	0
1634	1631	133.77	5.89	3.7	2.23	6.16	0	0	-1761	1	0	0	1	1	0	0.000	0
1635	1632	133.86	6.02	3.7	2.25	6.2	0	0	-1938	1	0	0	1	1	0	0.000	0
1636	1633	133.94	6.26	3.7	2.23	6.22	0	0	-2322	1	0	0	1	1	0	0.000	0
1637	1634	134.02	6.43	3.7	2.23	6.06	0	0	-2631	1	0	0	1	1	0	0.000	0
1638	1635	134.1	6.47	3.7	2.27	6.21	0	0	-2701	1	0	0	1	1	0	0.000	0
1639	1636	134.18	6.29	3.7	2.34	6.38	0	0	-2449	1	0	0	1	1	0	0.000	0
1640	1637	134.27	6.17	3.7	2.38	6.38	0	0	-2140	1	0	0	1	1	0	0.000	0
1641	1638	134.35	6.16	3.7	2.37	6.39	0	0	-2127	1	0	0	1	1	0	0.000	0
1642	1639	134.43	6.18	3.7	2.36	6.4	0	0	-2161	1	0	0	1	1	0	0.000	0
1643	1640	134.51	6.2	3.7	2.33	6.4	0	0	-2200	1	0	0	1	1	0	0.000	0
1644	1641	134.59	6.17	3.7	2.34	6.4	0	0	-2149	1	0	0	1	1	0	0.000	0
1645	1642	134.68	6.13	3.7	2.34	6.44	0	0	-2086	1	0	0	1	1	0	0.000	0
1646	1643	134.76	6.07	3.7	2.36	6.39	0	0	-1991	1	0	0	1	1	0	0.000	0
1647	1644	134.84	5.98	3.7	2.38	6.39	0	0	-1857	1	0	0	1	1	0	0.000	0
1648	1645	134.92	5.87	3.7	2.44	6.45	0	0	-1699	1	0	0	1	1	0	0.000	0
1649	1646	135	5.76	3.7	2.51	6.61	0	0	-1553	1	0	0	1	1	0	0.000	0
1650	1647	135.09	5.73	3.6	2.59	6.74	0	0	-1506	1	0	0	1	1	0	0.000	0
1651	1648	135.17	5.76	3.6	2.65	6.87	0	0	-1531	1	0	0	1	1	0	0.000	0
1652	1649	135.25	5.88	3.6	2.65	6.96	0	0	-1677	1	0	0	1	1	0	0.000	0
1653	1650	135.33	6.14	3.7	2.57	6.9	0	0	-2054	1	0	0	1	1	0	0.000	0
1654	1651	135.41	6.49	3.7	2.46	6.68	0	0	-2690	1	0	0	1	1	0	0.000	0
1655	1652	135.5	6.79	3.7	2.36	6.54	0	0	-3382	1	0	0	1	1	0	0.000	0
1656	1653	135.58	6.82	3.7	2.32	6.5	0	0	-3470	1	0	0	1	1	0	0.000	0
1657	1654	135.66	6.71	3.7	2.29	6.43	0	0	-3213	1	0	0	1	1	0	0.000	0
1658	1655	135.74	6.53	3.7	2.26	6.28	0	0	-2826	1	0	0	1	1	0	0.000	0
1659	1656	135.83	6.3	3.7	2.25	6.21	0	0	-2388	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1660	1657	135.91	6.07	3.7	2.25	6.25	0	0	-2012	1	0	0	1	1	0	0.000	0
1661	1658	135.99	5.87	3.7	2.26	6.21	0	0	-1730	1	0	0	1	1	0	0.000	0
1662	1659	136.07	5.81	3.7	2.25	6.19	0	0	-1655	1	0	0	1	1	0	0.000	0
1663	1660	136.15	5.82	3.7	2.26	6.19	0	0	-1666	1	0	0	1	1	0	0.000	0
1664	1661	136.24	5.87	3.7	2.27	6.24	0	0	-1728	1	0	0	1	1	0	0.000	0
1665	1662	136.32	5.8	3.7	2.27	6.17	0	0	-1639	1	0	0	1	1	0	0.000	0
1666	1663	136.4	5.63	3.7	2.27	6.11	0	0	-1441	1	0	0	1	1	0	0.000	0
1667	1664	136.48	5.33	3.7	2.33	6.17	0	0	-1138	1	0	0	1	1	0	0.000	0
1668	1665	136.56	5.07	3.6	2.47	6.44	0	0	-917	1	0	0	1	1	0	0.000	0
1669	1666	136.65	4.97	3.6	2.6	6.83	0	0	-836	1	0	0	1	1	0	0.000	0
1670	1667	136.73	5.02	3.6	2.62	6.81	0	0	-868	1	0	0	1	1	0	0.000	0
1671	1668	136.81	5.1	3.6	2.54	6.59	0	0	-932	1	0	0	1	1	0	0.000	0
1672	1669	136.89	4.95	3.6	2.45	6.43	0	0	-836	1	0	0	1	1	0	0.000	0
1673	1670	136.97	4.74	3.6	2.39	6.34	0	0	-712	1	0	0	1	1	0	0.000	0
1674	1671	137.06	4.57	3.6	2.36	6.21	0	0	-624	1	0	0	1	1	0	0.000	0
1675	1672	137.14	4.54	3.6	2.35	6.2	0	0	-610	1	0	0	1	1	0	0.000	0
1676	1673	137.22	4.61	3.6	2.31	6.19	0	0	-647	1	0	0	1	1	0	0.000	0
1677	1674	137.3	4.66	3.6	2.32	6.1	0	0	-673	1	0	0	1	1	0	0.000	0
1678	1675	137.38	4.62	3.6	2.39	6.31	0	0	-647	1	0	0	1	1	0	0.000	0
1679	1676	137.47	4.59	3.6	2.48	6.56	0	0	-626	1	0	0	1	1	0	0.000	0
1680	1677	137.55	4.68	3.6	2.52	6.5	0	0	-670	1	0	0	1	1	0	0.000	0
1681	1678	137.63	4.74	3.6	2.48	6.47	0	0	-706	1	0	0	1	1	0	0.000	0
1682	1679	137.71	4.61	3.6	2.46	6.38	0	0	-63	1	0	0	1	1	0	0.000	0
1683	1680	137.79	4.44	3.6	2.45	6.44	0	0	-557	1	0	0	1	1	0	0.000	0
1684	1681	137.88	4.29	3.6	2.57	6.51	0	0	-488	1	0	0	1	1	0	0.000	0
1685	1682	137.96	4.33	3.6	2.71	6.96	0	0	-496	1	0	0	1	1	0	0.000	0
1686	1683	138.04	4.64	3.6	2.71	7.09	0	0	-637	1	0	0	1	1	0	0.000	0
1687	1684	138.12	5.23	3.6	2.54	6.89	0	0	-1031	1	0	0	1	1	0	0.000	0
1688	1685	138.2	5.92	3.7	2.34	6.54	0	0	-1782	1	0	0	1	1	0	0.000	0
1689	1686	138.29	6.31	3.7	2.29	6.45	0	0	-2396	1	0	0	1	1	0	0.000	0
1690	1687	138.37	6.42	3.7	2.33	6.51	0	0	-2588	1	0	0	1	1	0	0.000	0
1691	1688	138.45	6.26	3.7	2.39	6.45	0	0	-2286	1	0	0	1	1	0	0.000	0
1692	1689	138.53	6.14	3.7	2.41	6.5	0	0	-2087	1	0	0	1	1	0	0.000	0
1693	1690	138.61	6.15	3.7	2.38	6.44	0	0	-2109	1	0	0	1	1	0	0.000	0
1694	1691	138.7	6.38	3.7	2.3	6.25	0	0	-2521	1	0	0	1	1	0	0.000	0
1695	1692	138.78	6.49	3.7	2.23	6.1	0	0	-2752	1	0	0	1	1	0	0.000	0
1696	1693	138.86	6.45	3.7	2.21	6.05	0	0	-2677	1	0	0	1	1	0	0.000	0
1697	1694	138.94	6.25	3.7	2.21	6.1	0	0	-2310	1	0	0	1	1	0	0.000	0
1698	1695	139.02	6.06	3.7	2.22	6.07	0	0	-2003	1	0	0	1	1	0	0.000	0
1699	1696	139.11	5.83	3.7	2.21	6	0	0	-1687	1	0	0	1	1	0	0.000	0
1700	1697	139.19	5.64	3.7	2.2	5.95	0	0	-1461	1	0	0	1	1	0	0.000	0
1701	1698	139.27	5.58	3.7	2.2	5.96	0	0	-1396	1	0	0	1	1	0	0.000	0
1702	1699	139.35	5.56	3.7	2.2	5.9	0	0	-1375	1	0	0	1	1	0	0.000	0
1703	1700	139.43	5.48	3.7	2.19	5.92	0	0	-1294	1	0	0	1	1	0	0.000	0
1704	1701	139.52	5.26	3.7	2.23	5.96	0	0	-1088	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1705	1702	139.6	5.12	3.7	2.27	6.07	0	0	-972	1	0	0	1	1	0	0.000	0
1706	1703	139.68	5.11	3.7	2.32	6.14	0	0	-960	1	0	0	1	1	0	0.000	0
1707	1704	139.76	5.35	3.7	2.32	6.16	0	0	-1156	1	0	0	1	1	0	0.000	0
1708	1705	139.84	5.7	3.7	2.29	6.11	0	0	-1516	1	0	0	1	1	0	0.000	0
1709	1706	139.93	6.09	3.7	2.26	6.06	0	0	-2040	1	0	0	1	1	0	0.000	0
1710	1707	140.01	6.28	3.7	2.26	6.08	0	0	-2350	1	0	0	1	1	0	0.000	0
1711	1708	140.09	6.31	3.7	2.26	6.15	0	0	-2403	1	0	0	1	1	0	0.000	0
1712	1709	140.17	6.31	3.7	2.23	6.05	0	0	-2410	1	0	0	1	1	0	0.000	0
1713	1710	140.25	6.75	3.8	2.16	6.07	0	0	-3350	1	0	0	1	1	0	0.000	0
1714	1711	140.34	7.66	3.8	2.12	5.95	0	0	-6429	1	0	0	1	1	0	0.000	0
1715	1712	140.42	8.54	3.8	2.14	5.99	0	0	-11741	1	0	0	1	1	0	0.000	0
1716	1713	140.5	9.09	3.8	2.23	6.07	0	0	-16798	1	0	0	1	1	0	0.000	0
1717	1714	140.58	8.54	3.8	2.54	6.27	0	0	-11287	1	0	0	1	1	0	0.000	0
1718	1715	140.66	8.3	3.7	2.81	8.12	0	0	-9333	1	0	0	1	1	0	0.000	0
1719	1716	140.75	8.1	3.7	3.07	8.05	0	0	-7922	1	0	0	1	1	0	0.000	0
1720	1717	140.83	8.63	3.7	3.18	8.14	0	0	-11222	1	0	0	1	1	0	0.000	0
1721	1718	140.91	9.06	3.7	3.32	8.54	0	0	-14721	1	0	0	1	1	0	0.000	0
1722	1719	140.99	9.32	3.7	3.43	8.76	0	0	-17256	1	0	0	1	1	0	0.000	0
1723	1720	141.07	9.5	3.7	3.45	8.84	0	0	-19362	1	0	0	1	1	0	0.000	0
1724	1721	141.16	9.66	3.7	3.51	9.06	0	0	-21333	1	0	0	1	1	0	0.000	0
1725	1722	141.24	9.7	3.7	3.66	9.41	0	0	-21526	1	0	0	1	1	0	0.000	0
1726	1723	141.32	9.67	3.6	3.82	9.75	0	0	-20731	1	0	0	1	1	0	0.000	0
1727	1724	141.4	9.76	3.6	3.82	10	0	0	-21961	1	0	0	1	1	0	0.000	0
1728	1725	141.48	10.01	3.7	3.75	9.83	0	0	-25991	1	0	0	1	1	0	0.000	0
1729	1726	141.57	10.22	3.7	3.75	9.68	0	0	-25197	1	0	0	1	1	0	0.000	0
1730	1727	141.65	9.9	3.6	4.01	9.97	0	0	-23508	1	0	0	1	1	0	0.000	0
1731	1728	141.73	9.41	3.6	4.33	10.83	0	0	-16485	1	0	0	1	1	0	0.000	0
1732	1729	141.81	8.98	3.6	4.55	11.36	0	0	-12091	1	0	0	1	1	0	0.000	0
1733	1730	141.89	9.04	3.6	4.46	11.34	0	0	-12723	1	0	0	1	1	0	0.000	0
1734	1731	141.98	9.22	3.6	4.36	10.61	0	0	-14504	1	0	0	1	1	0	0.000	0
1735	1732	142.06	9.25	3.6	4.33	10.91	0	0	-14847	1	0	0	1	1	0	0.000	0
1736	1733	142.14	9	3.6	4.38	11.09	0	0	-12514	1	0	0	1	1	0	0.000	0
1737	1734	142.22	8.89	3.6	4.26	10.57	0	0	-11805	1	0	0	1	1	0	0.000	0
1738	1735	142.3	8.97	3.6	4.04	10.08	0	0	-12782	1	0	0	1	1	0	0.000	0
1739	1736	142.39	9.1	3.6	3.87	9.85	0	0	-14209	1	0	0	1	1	0	0.000	0
1740	1737	142.47	9.12	3.6	3.75	9.63	0	0	-14598	1	0	0	1	1	0	0.000	0
1741	1738	142.55	9.12	3.6	3.63	9.34	0	0	-14798	1	0	0	1	1	0	0.000	0
1742	1739	142.63	9.23	3.7	3.5	9.03	0	0	-16142	1	0	0	1	1	0	0.000	0
1743	1740	142.71	9.32	3.7	3.4	8.83	0	0	-17313	1	0	0	1	1	0	0.000	0
1744	1741	142.8	9.41	3.7	3.31	8.65	0	0	-18543	1	0	0	1	1	0	0.000	0
1745	1742	142.88	9.47	3.7	3.25	8.45	0	0	-19407	1	0	0	1	1	0	0.000	0
1746	1743	142.96	9.6	3.7	3.26	8.43	0	0	-21092	1	0	0	1	1	0	0.000	0
1747	1744	143.04	9.91	3.7	3.4	8.66	0	0	-25358	1	0	0	1	1	0	0.000	0
1748	1745	143.12	10.42	3.7	3.53	9.21	0	0	-34531	1	0	0	1	1	0	0.000	0
1749	1746	143.21	11.37	3.7	3.59	9.29	0	0	-61631	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1750	1747	143.29	11.89	3.7	3.76	9.35	0	0	-82625	1	0	0	1	1	0	0.000	0
1751	1748	143.37	11.05	3.6	4.34	10.63	0	0	-46436	1	0	0	1	1	0	0.000	0
1752	1749	143.45	10.39	3.6	5.2	13.25	0	0	-27578	1	0	0	1	1	0	0.000	0
1753	1750	143.53	10.86	3.5	5.86	15.24	0	0	-33616	1	0	0	1	1	0	0.000	0
1754	1751	143.62	11.66	3.5	6.01	15.34	0	0	-53474	1	0	0	1	1	0	0.000	0
1755	1752	143.7	12.61	3.6	5.6	14.76	0	0	-99607	1	0	0	1	1	0	0.000	0
1756	1753	143.78	13.55	3.7	4.66	12.88	0	0	-193677	1	0	0	1	1	0	0.000	0
1757	1754	143.86	14.53	3.8	3.8	9.54	0	0	-369768	1	0	0	1	1	0	0.000	0
1758	1755	143.95	14.52	3.8	3.12	9.2	0	0	-396503	1	0	0	1	1	0	0.000	0
1759	1756	144.03	12.95	3.8	2.83	8.43	0	0	-169868	1	0	0	1	1	0	0.000	0
1760	1757	144.11	11.43	3.8	2.55	7.34	0	0	-71372	1	0	0	1	1	0	0.000	0
1761	1758	144.19	9.89	3.8	2.43	7.12	0	0	-27705	1	0	0	1	1	0	0.000	0
1762	1759	144.27	8.17	3.7	2.55	7.38	0	0	-8770	1	0	0	1	1	0	0.000	0
1763	1760	144.36	7.11	3.7	2.8	7.69	0	0	-4073	1	0	0	1	1	0	0.000	0
1764	1761	144.44	6.34	3.6	3.11	8.2	0	0	-2253	1	0	0	1	1	0	0.000	0
1765	1762	144.52	5.74	3.5	3.45	8.79	0	0	-1386	1	0	0	1	1	0	0.000	0
1766	1763	144.6	5.1	3.5	3.86	9.4	0	0	-808	1	0	0	1	1	0	0.000	0
1767	1764	144.68	4.54	3.4	4.35	10.32	0	0	-490	1	0	0	1	1	0	0.000	0
1768	1765	144.77	4.08	3.3	5.02	11.35	0	0	-309	1	0	0	1	1	0	0.000	0
1769	1766	144.85	3.71	3.3	5.7	13.03	0	0	-207	1	0	0	1	1	0	0.000	0
1770	1767	144.93	3.57	3.2	6.35	14.19	0	0	-167	1	0	0	1	1	0	0.000	0
1771	1768	145.01	3.58	3.2	6.78	15.03	0	0	-156	1	0	0	1	1	0	0.000	0
1772	1769	145.09	3.87	3.2	7.11	15.46	0	0	-183	1	0	0	1	1	0	0.000	0
1773	1770	145.18	4.43	3.2	7.31	16.12	0	0	-285	1	0	0	1	1	0	0.000	0
1774	1771	145.26	5	3.2	7.6	16.21	0	0	-424	1	0	0	1	1	0	0.000	0
1775	1772	145.34	5.5	3.2	7.94	17.24	0	0	-581	1	0	0	1	1	0	0.000	0
1776	1773	145.42	6.01	3.3	8.02	18.17	0	0	-841	1	0	0	1	1	0	0.000	0
1777	1774	145.5	6.71	3.3	7.92	17.32	0	0	-1441	1	0	0	1	1	0	0.000	0
1778	1775	145.59	7.7	3.3	7.45	17.33	0	0	-3217	1	0	0	1	1	0	0.000	0
1779	1776	145.67	8.42	3.4	7.07	15.93	0	0	-5674	1	0	0	1	1	0	0.000	0
1780	1777	145.75	8.7	3.4	6.79	15.28	0	0	-7206	1	0	0	1	1	0	0.000	0
1781	1778	145.83	8.67	3.4	6.53	15.84	0	0	-7384	1	0	0	1	1	0	0.000	0
1782	1779	145.91	9.25	3.5	6.25	14.61	0	0	-11358	1	0	0	1	1	0	0.000	0
1783	1780	146	10.04	3.5	5.97	13.71	0	0	-19771	1	0	0	1	1	0	0.000	0
1784	1781	146.08	10.42	3.5	6.01	14.33	0	0	-24984	1	0	0	1	1	0	0.000	0
1785	1782	146.16	9.81	3.5	6.3	15.04	0	0	-16205	1	0	0	1	1	0	0.000	0
1786	1783	146.24	9.64	3.5	6.18	16.07	0	0	-14805	1	0	0	1	1	0	0.000	0
1787	1784	146.32	9.78	3.5	6.12	13.8	0	0	-16357	1	0	0	1	1	0	0.000	0
1788	1785	146.41	9.38	3.5	6.35	14.57	0	0	-12168	1	0	0	1	1	0	0.000	0
1789	1786	146.49	9.39	3.4	6.99	17.05	0	0	-10973	1	0	0	1	1	0	0.000	0
1790	1787	146.57	9.39	3.4	7.18	17.6	0	0	-10595	1	0	0	1	1	0	0.000	0
1791	1788	146.65	11	3.5	6.88	16.45	0	0	-31015	1	0	0	1	1	0	0.000	0
1792	1789	146.73	12.06	3.5	6.95	15.73	0	0	-58038	1	0	0	1	1	0	0.000	0
1793	1790	146.82	11.8	3.4	8.52	18.64	0	0	-35660	1	0	0	1	1	0	0.000	0
1794	1791	146.9	11.32	3.3	11.52	27.23	0	0	-6576	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1795	1792	146.98	10.72	3.2	14.86	37.61	0	0	10956	1	0	0	0	1	0	0.000	0
1796	1793	147.06	10.72	3.2	17.81	44.26	0	0	24651	1	0	0	0	1	0	0.000	0
1797	1794	147.14	10.9	3.1	19.58	51.3	0	0	36740	1	0	0	0	1	0	0.000	0
1798	1795	147.23	11.77	3.2	19.11	52.83	0	0	58172	1	0	0	0	1	0	0.000	0
1799	1796	147.31	12.78	3.2	17.5	40.44	0	0	79644	1	0	0	0	1	0	0.000	0
1800	1797	147.39	13.13	3.3	15.61	37.99	0	0	60559	1	0	0	0	1	0	0.000	0
1801	1798	147.47	12.95	3.3	14.61	37.08	0	0	37065	1	0	0	0	1	0	0.000	0
1802	1799	147.55	12.42	3.3	13.93	32.62	0	0	18480	1	0	0	0	1	0	0.000	0
1803	1800	147.64	11.88	3.3	13.7	32.87	0	0	11277	1	0	0	0	1	0	0.000	0
1804	1801	147.72	10.16	3.2	15.16	35.32	0	0	8691	1	0	0	0	1	0	0.000	0
1805	1802	147.8	8.67	3.1	17.06	44.31	0	0	5640	1	0	0	0	1	0	0.000	0
1806	1803	147.88	7.54	3.0	19.07	48.21	0	0	3741	1	0	0	0	1	0	0.000	0
1807	1804	147.96	8.06	3.1	17.91	52.03	0	0	4422	1	0	0	0	1	0	0.000	0
1808	1805	148.05	9.65	3.2	15.23	35	0	0	6437	1	0	0	0	1	0	0.000	0
1809	1806	148.13	13.26	3.4	11.43	27.05	0	0	-22436	1	0	0	1	1	0	0.000	0
1810	1807	148.21	15.96	3.5	9.53	22.14	0	0	-270436	1	0	0	1	1	0	0.000	0
1811	1808	148.29	17.43	3.5	8.52	21.14	0	0	-766579	1	0	0	1	1	0	0.000	0
1812	1809	148.37	16.94	3.6	7.99	19.91	0	0	-679173	1	0	0	1	1	0	0.000	0
1813	1810	148.46	16.19	3.6	7.45	18.5	0	0	-518158	1	0	0	1	1	0	0.000	0
1814	1811	148.54	14.93	3.6	7.05	17.48	0	0	-287653	1	0	0	1	1	0	0.000	0
1815	1812	148.62	12.96	3.5	7.73	17.27	0	0	-84275	1	0	0	1	1	0	0.000	0
1816	1813	148.7	12.07	3.4	9.4	23.16	0	0	-32610	1	0	0	1	1	0	0.000	0
1817	1814	148.78	6.2	3.0	15.56	29.32	0	0	66	1	0	0	0	1	0	0.000	0
1818	1815	148.87	4.38	2.9	18.79	67.42	0	0	332	1	0	0	0	1	0	0.000	0
1819	1816	148.95	2.81	2.7	22.53	48.08	0	0	42	1	0	1	0	1	0	0.000	0
1820	1817	149.03	3.51	2.7	24.22	60.37	0	0	302	1	0	0	0	1	0	0.000	0
1821	1818	149.11	4.11	2.7	27.43	84.24	0	0	633	1	0	0	0	1	0	0.000	0
1822	1819	149.19	4.84	2.8	29.3	78.13	0	0	1281	1	0	0	0	1	0	0.000	0
1823	1820	149.28	6.2	2.9	28.01	78.9	0	0	3355	1	0	0	0	1	0	0.000	0
1824	1821	149.36	7.71	2.9	26.22	71.36	0	0	8800	1	0	0	0	1	0	0.000	0
1825	1822	149.44	6.67	2.9	24.04	61.46	0	0	3527	1	0	0	0	1	0	0.000	0
1826	1823	149.52	4.84	2.9	22.44	57.48	0	0	758	1	0	0	0	1	0	0.000	0
1827	1824	149.6	2.7	2.7	22.26	55.59	0	0	125	1	0	1	0	1	0	0.000	0
1828	1825	149.69	3.17	2.7	23.52	59.34	0	0	213	1	0	0	0	1	0	0.000	0
1829	1826	149.77	2.28	2.6	25.35	68.97	0	0	114	1	0	1	0	1	0	0.000	0
1830	1827	149.85	1.15	2.4	27.14	70.83	0	0.12	46	1	1	1	1	1	0	0.000	0
1831	1828	149.93	0	4.1	27.25	77.27	0	0	15	1	0	1	1	1	0	0.000	0
1832	1829	150.01	0	4.1	27.66	70.93	0	0	15	1	0	1	1	1	0	0.000	0
1833	1830	150.1	0	4.1	27.71	78.4	0	0	15	1	0	1	1	1	0	0.000	0

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GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

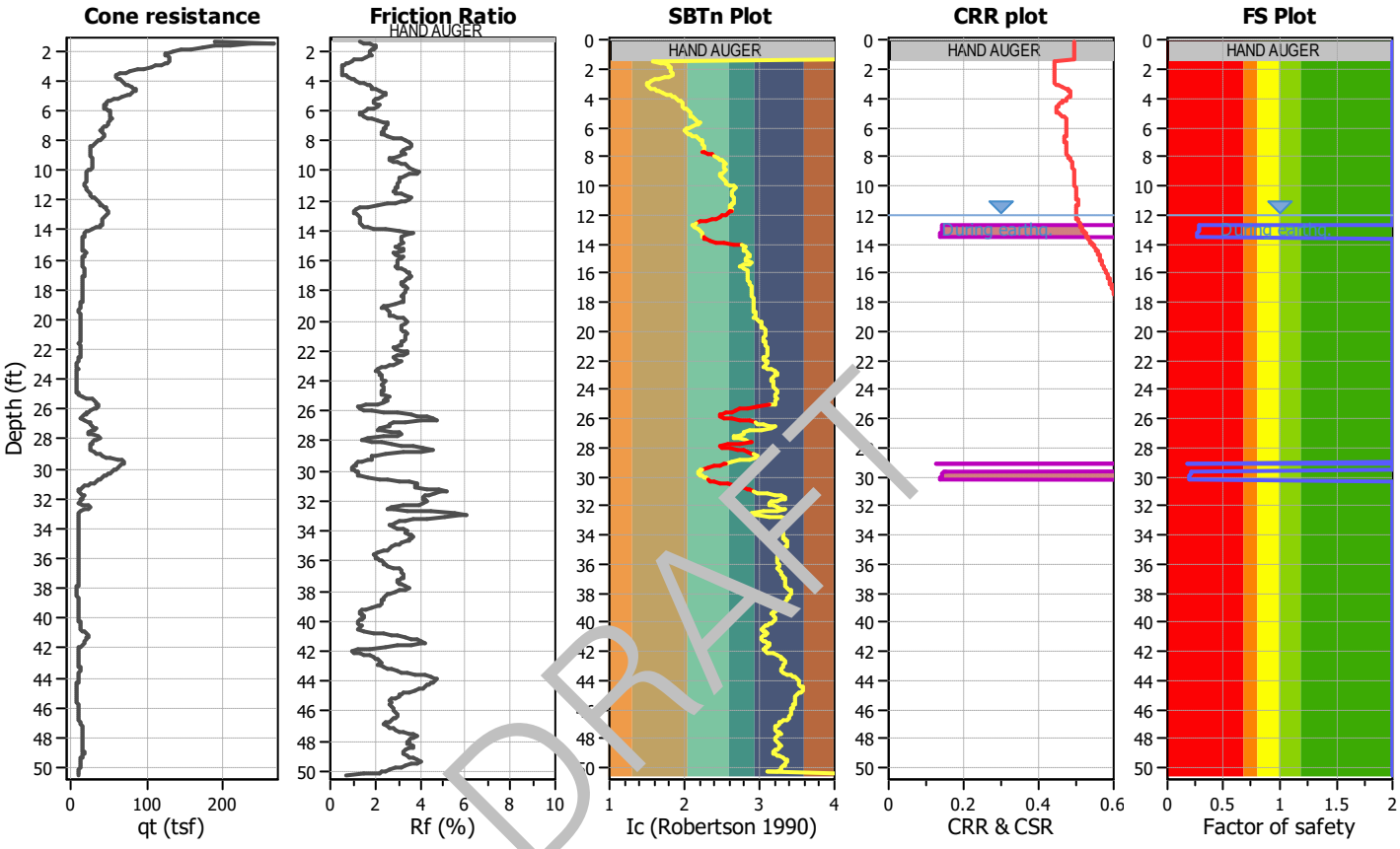
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-30

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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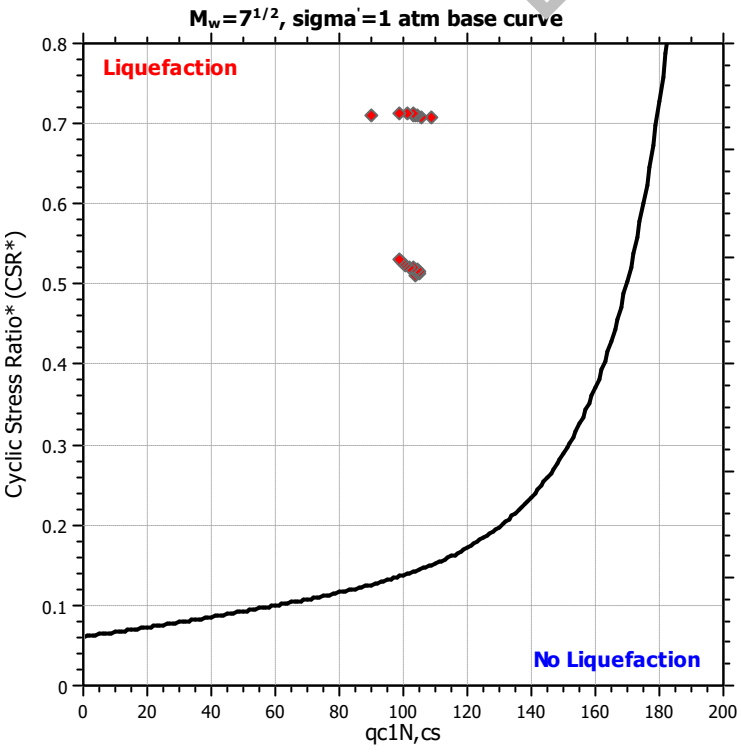
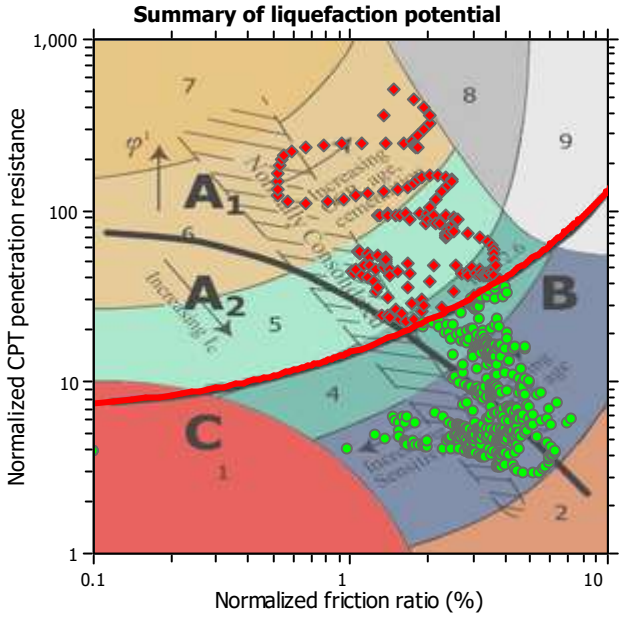
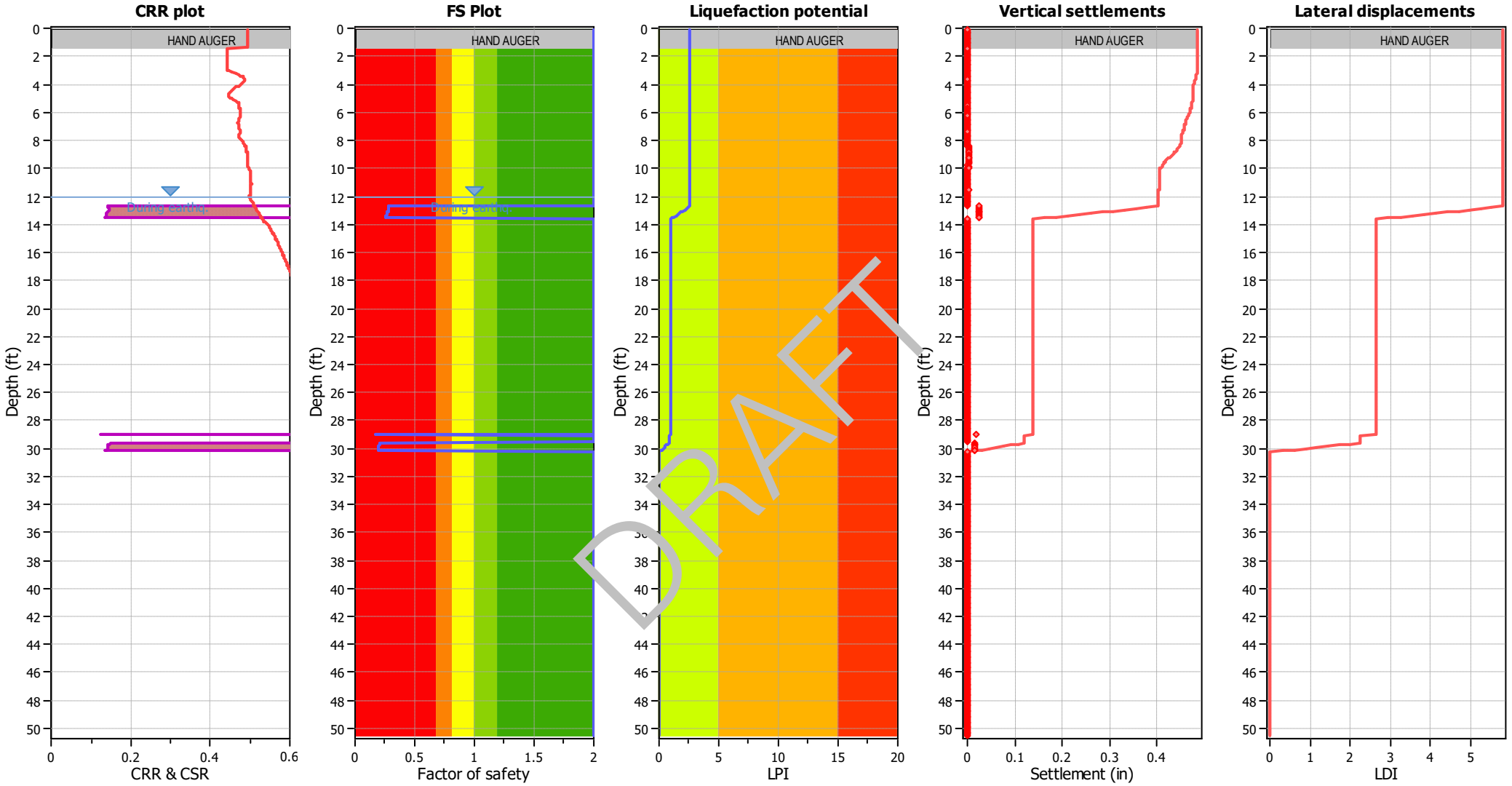




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-30, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	0.380	0
20	17	1.39	1.36	1.6	357.98	487.05	0	0	2311	0	1	1	0	1	0	0.380	0
21	18	1.48	1.48	1.6	505.04	426.14	0	0	2092	0	1	1	0	1	0	0.380	0
22	19	1.56	1.75	1.7	444.86	375.02	0	0	2361	0	1	1	0	1	0	0.380	0
23	20	1.64	1.93	1.7	397.88	333.65	0	0	2482	0	1	1	0	1	0	0.380	0
24	21	1.72	2.03	1.8	359.08	306.41	0	0	2445	0	1	1	0	1	0	0.380	0
25	22	1.8	2.02	1.8	327.07	276.1	0	0	2200	0	1	1	0	1	0	0.380	0
26	23	1.89	1.94	1.8	298.6	252.09	0	0	1860	0	1	1	0	1	0	0.380	0
27	24	1.97	1.82	1.8	274.86	233.83	0	0	1528	0	1	1	0	1	0	0.380	0
28	25	2.05	1.74	1.8	255.78	215.6	0	0	1316	0	1	1	0	1	0	0.380	0
29	26	2.13	1.76	1.8	241.19	203.44	0	0	1260	0	1	1	0	1	0	0.380	0
30	27	2.21	1.8	1.8	234.72	196.66	0	0	1270	0	1	1	0	1	0	0.380	0
31	28	2.3	1.82	1.8	235.64	199.12	0	0	1299	0	1	1	0	1	0	0.380	0
32	29	2.38	1.8	1.8	240.8	205.79	0	0	1305	0	1	1	0	1	0	0.380	0
33	30	2.46	1.61	1.8	244.88	209.86	0	0	1114	0	1	1	0	1	0	0.380	0
34	31	2.54	1.38	1.7	246.44	209.55	0	0	905	0	1	1	0	1	0	0.380	0
35	32	2.62	1.09	1.7	246.78	209.8	0	0	688	0	1	1	0	1	0	0.380	0
36	33	2.71	0.93	1.6	246.88	210.75	0	0	590	0	1	1	0	1	0	0.380	0
37	34	2.79	0.79	1.6	242.27	209.84	0	0	505	0	1	1	0	1	0	0.380	0
38	35	2.87	0.67	1.5	234.55	197.97	0	0	434	0	1	1	0	1	0	0.380	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	0.59	1.5	223.49	191.05	0	0	381	0	1	1	0	1	0	0.380	0
40	37	3.03	0.54	1.5	212.29	181.63	0	0	344	0	1	1	0	1	0	0.380	0
41	38	3.12	0.53	1.5	198.55	169.5	0	0	317	0	1	1	0	1	0	0.380	0
42	39	3.2	0.53	1.5	181.64	156.06	0	0	288	1	1	1	0	1	0	0.380	0
43	40	3.28	0.52	1.6	164.94	138.54	0	0	257	1	1	1	0	1	0	0.380	0
44	41	3.36	0.52	1.6	148.28	126.94	0	0	229	1	1	1	0	1	0	0.380	0
45	42	3.44	0.52	1.6	134.7	113.61	0	0	206	1	1	1	0	1	0	0.380	0
46	43	3.53	0.52	1.7	122.62	103.93	0	0	186	1	1	1	0	1	0	0.380	0
47	44	3.61	0.57	1.7	114.72	96.17	0	0	181	1	1	1	0	1	0	0.380	0
48	45	3.69	0.67	1.8	111.09	93.49	0	0	193	1	1	1	0	1	0	0.380	0
49	46	3.77	0.81	1.8	112.17	94.7	0	0	223	1	1	1	0	1	0	0.380	0
50	47	3.85	0.93	1.8	116.69	98.95	0	0	262	1	1	1	0	1	0	0.380	0
51	48	3.94	1.05	1.9	121.62	105.01	0	0	308	1	1	1	0	1	0	0.380	0
52	49	4.02	1.17	1.9	125.52	107.3	0	0	358	1	1	1	0	1	0	0.380	0
53	50	4.1	1.35	1.9	128.98	108.9	0	0	438	1	1	1	0	1	0	0.380	0
54	51	4.18	1.53	1.9	133.29	113.89	0	0	538	1	1	1	0	1	0	0.380	0
55	52	4.26	1.67	2.0	137.9	118.31	0	0	636	1	1	1	0	1	0	0.380	0
56	53	4.35	1.75	2.0	143.72	120.67	0	0	[illegible]	1	1	1	0	1	0	0.380	0
57	54	4.43	1.81	2.0	150.42	126.63	0	0	[illegible]96	1	1	1	0	1	0	0.380	0
58	55	4.51	1.89	2.0	157.41	130.56	0	0	9[illegible]0	1	1	1	0	1	0	0.380	0
59	56	4.59	2.03	2.0	160.67	131.4	0	0	1045	1	1	1	0	1	0	0.380	0
60	57	4.68	2.19	2.0	160.51	128.74	0	0	[illegible]07	1	1	1	0	1	0	0.380	0
61	58	4.76	2.35	2.0	157.21	125.69	0	0	1363	1	1	1	0	1	0	0.380	0
62	59	4.84	2.45	2.1	152.71	120.93	0	0	1443	1	1	1	0	1	0	0.380	0
63	60	4.92	2.48	2.1	147.05	116.75	0	0	1422	1	1	1	0	1	0	0.380	0
64	61	5	2.4	2.1	139.75	112.44	0	0	1253	1	1	1	0	1	0	0.380	0
65	62	5.09	2.27	2.1	129.2	105	0	0	1023	1	1	1	0	1	0	0.380	0
66	63	5.17	2.14	2.1	117.43	94.59	0	0	818	1	1	1	0	1	0	0.380	0
67	64	5.25	2.05	2.1	105.52	87.65	0	0	668	1	1	1	0	1	0	0.380	0
68	65	5.33	1.98	2.1	97.38	79.35	0	0	572	1	1	1	0	1	0	0.380	0
69	66	5.41	1.95	2.1	91.32	76.17	0	0	517	1	1	1	0	1	0	0.380	0
70	67	5.5	1.98	2.2	88.26	73.34	0	0	511	1	1	1	0	1	0	0.380	0
71	68	5.58	2.09	2.2	85.68	71.22	0	0	545	1	1	1	0	1	0	0.380	0
72	69	5.66	2.23	2.2	84.01	69.05	0	0	605	1	1	1	0	1	0	0.380	0
73	70	5.74	2.14	2.2	83.54	68.41	0	0	554	1	1	1	0	1	0	0.380	0
74	71	5.82	1.95	2.2	84.84	69.33	0	0	475	1	1	1	0	1	0	0.380	0
75	72	5.91	1.7	2.1	88.39	71.61	0	0	396	1	1	1	0	1	0	0.380	0
76	73	5.99	1.55	2.1	93.14	75.91	0	0	366	1	1	1	0	1	0	0.380	0
77	74	6.07	1.38	2.0	95.37	79.76	0	0	320	1	1	1	0	1	0	0.380	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	1.28	2.0	94.8	81.32	0	0	290	1	1	1	0	1	0	0.380	0
79	76	6.23	1.29	2.0	93.4	77.73	0	0	287	1	1	1	0	1	0	0.380	0
80	77	6.32	1.39	2.0	93.12	76.66	0	0	315	1	1	1	0	1	0	0.380	0
81	78	6.4	1.5	2.0	94.69	78.7	0	0	356	1	1	1	0	1	0	0.380	0
82	79	6.48	1.64	2.1	95.82	79	0	0	411	1	1	1	0	1	0	0.380	0
83	80	6.56	1.85	2.1	95.81	76.66	0	0	499	1	1	1	0	1	0	0.380	0
84	81	6.64	2.1	2.2	94.88	75.36	0	0	619	1	1	1	0	1	0	0.380	0
85	82	6.73	2.36	2.2	93.52	73.44	0	0	770	1	1	1	0	1	0	0.380	0
86	83	6.81	2.53	2.2	91.4	70.75	0	0	872	1	1	1	0	1	0	0.380	0
87	84	6.89	2.59	2.2	89.57	69.2	0	0	898	1	1	1	0	1	0	0.380	0
88	85	6.97	2.55	2.2	87.92	69.14	0	0	848	1	1	1	0	1	0	0.380	0
89	86	7.05	2.5	2.2	85.02	67.98	0	0	780	1	1	1	0	1	0	0.380	0
90	87	7.14	2.48	2.3	80.56	63.49	0	0	720	1	1	1	0	1	0	0.380	0
91	88	7.22	2.42	2.3	76.04	59.6	0	0	637	1	1	1	0	1	0	0.380	0
92	89	7.3	2.38	2.3	72.13	58.36	0	0	577	1	1	1	0	1	0	0.380	0
93	90	7.38	2.34	2.3	70.66	54.99	0	0	543	1	1	1	0	1	0	0.380	0
94	91	7.46	2.36	2.3	71.65	56.76	0	0	562	1	1	1	0	1	0	0.380	0
95	92	7.55	2.34	2.3	74.69	61.01	0	0	[illegible]	1	1	1	0	1	0	0.380	0
96	93	7.63	2.37	2.3	77.02	62.9	0	0	[illegible]	1	1	1	0	1	0	0.380	0
97	94	7.71	2.54	2.3	76.68	62.49	0	0	[illegible]	1	1	1	0	1	0	0.380	0
98	95	7.79	2.83	2.3	73.99	59.4	0	0	[illegible]	1	1	1	0	1	0	0.380	0
99	96	7.87	3.18	2.4	70.1	55.02	0	0	[illegible]	1	1	0	0	1	0	0.380	0
100	97	7.96	3.42	2.4	66.31	51.77	0	0	1285	1	1	0	0	1	0	0.380	0
101	98	8.04	3.56	2.4	62.83	49.85	0	0	1352	1	1	0	0	1	0	0.380	0
102	99	8.12	3.6	2.5	59.45	46.76	0	0	1305	1	1	0	0	1	0	0.380	0
103	100	8.2	3.63	2.5	55.78	44.1	0	0	1233	1	1	0	0	1	0	0.380	0
104	101	8.28	3.63	2.5	51.75	41.51	0	0	1118	1	1	0	0	1	0	0.380	0
105	102	8.37	3.64	2.5	47.8	37.6	0	0	1014	1	1	0	0	1	0	0.380	0
106	103	8.45	3.61	2.5	45	35.16	0	0	911	1	1	0	0	1	0	0.380	0
107	104	8.53	3.48	2.5	43.98	35.29	0	0	791	1	1	0	0	1	0	0.380	0
108	105	8.61	3.33	2.5	43.64	35.77	0	0	689	1	1	0	0	1	0	0.380	0
109	106	8.69	3.26	2.5	42.99	34.98	0	0	636	1	1	0	0	1	0	0.380	0
110	107	8.78	3.31	2.5	42.16	34.19	0	0	645	1	1	0	0	1	0	0.380	0
111	108	8.86	3.38	2.6	41.82	33.9	0	0	677	1	1	0	0	1	0	0.380	0
112	109	8.94	3.35	2.5	41.62	34.23	0	0	655	1	1	0	0	1	0	0.380	0
113	110	9.02	3.16	2.5	41.72	34.06	0	0	559	1	1	0	0	1	0	0.380	0
114	111	9.1	2.87	2.5	41.82	34.86	0	0	437	1	1	1	0	1	0	0.380	0
115	112	9.19	2.69	2.5	42.69	35.46	0	0	384	1	1	1	0	1	0	0.380	0
116	113	9.27	2.69	2.5	43.43	37	0	0	394	1	1	1	0	1	0	0.380	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	2.86	2.5	43.81	36.91	0	0	462	1	1	1	0	1	0	0.380	0
118	115	9.43	3.06	2.5	43.49	36.17	0	0	544	1	1	0	0	1	0	0.380	0
119	116	9.51	3.24	2.5	43.4	35.89	0	0	633	1	1	0	0	1	0	0.380	0
120	117	9.6	3.38	2.5	43.56	36.51	0	0	717	1	1	0	0	1	0	0.380	0
121	118	9.68	3.49	2.5	43.84	36.54	0	0	794	1	1	0	0	1	0	0.380	0
122	119	9.76	3.54	2.6	43.52	36.62	0	0	820	1	1	0	0	1	0	0.380	0
123	120	9.84	3.63	2.6	42.05	35.89	0	0	842	1	1	0	0	1	0	0.380	0
124	121	9.92	3.79	2.6	39.48	32.99	0	0	879	1	0	0	0	1	0	0.380	0
125	122	10.01	4.01	2.7	35.7	30.15	0	0	906	1	0	0	0	1	0	0.380	0
126	123	10.09	4.09	2.7	32.71	26.39	0	0	843	1	0	0	0	1	0	0.380	0
127	124	10.17	3.94	2.7	30.98	25.67	0	0	681	1	0	0	0	1	0	0.380	0
128	125	10.25	3.65	2.7	30.77	26.21	0	0	529	1	0	0	0	1	0	0.380	0
129	126	10.33	3.39	2.6	30.88	26.4	0	0	428	1	0	0	0	1	0	0.380	0
130	127	10.42	3.25	2.6	30.83	26.47	0	0	379	1	0	0	0	1	0	0.380	0
131	128	10.5	3.21	2.6	30.55	26.47	0	0	360	1	0	0	0	1	0	0.380	0
132	129	10.58	3.2	2.6	29.99	25.91	0	0	346	1	0	0	0	1	0	0.380	0
133	130	10.66	3.17	2.6	29.14	25.22	0	0	321	1	0	0	0	1	0	0.380	0
134	131	10.74	3.14	2.7	28.16	24.5	0	0	305	1	0	0	0	1	0	0.380	0
135	132	10.83	3.09	2.7	27.48	23.58	0	0	270	1	0	0	0	1	0	0.380	0
136	133	10.91	3.08	2.7	26.85	23.67	0	0	256	1	0	0	0	1	0	0.380	0
137	134	10.99	3.07	2.7	26.56	23.05	0	0	249	1	0	0	0	1	0	0.380	0
138	135	11.07	3.06	2.7	26.49	22.98	0	0	246	1	0	0	0	1	0	0.380	0
139	136	11.15	3.03	2.7	26.99	23.64	0	0	248	1	0	0	0	1	0	0.380	0
140	137	11.24	2.97	2.6	27.83	24.54	0	0	249	1	0	1	0	1	0	0.380	0
141	138	11.32	2.92	2.6	29.14	25.42	0	0	259	1	0	1	0	1	0	0.380	0
142	139	11.4	2.95	2.6	30.59	27.31	0	0	289	1	0	1	0	1	0	0.380	0
143	140	11.48	3.02	2.6	31.95	28.5	0	0	330	1	0	0	0	1	0	0.380	0
144	141	11.56	3.23	2.6	32.91	29.1	0	0	415	1	0	0	0	1	0	0.380	0
145	142	11.65	3.46	2.6	33.77	29.82	0	0	525	1	0	0	0	1	0	0.380	0
146	143	11.73	3.67	2.6	35	30.68	0	0	663	1	0	0	0	1	0	0.380	0
147	144	11.81	3.69	2.6	36.83	32.31	0	0	729	1	0	0	0	1	0	0.380	0
148	145	11.89	3.59	2.6	39.52	34.83	0	0	745	1	1	0	0	1	0	0.380	0
149	146	11.97	3.43	2.6	42.23	38.09	0	0	716	1	1	0	0	1	0	0.380	0
150	147	12.06	3.2	2.5	45.09	39.94	0	0	645	1	1	0	0	1	0	0.380	0
151	148	12.14	2.93	2.5	46.95	43.02	0	0	541	1	1	1	0	1	0	0.380	0
152	149	12.22	2.55	2.4	48.14	43.81	0	0	401	1	1	1	0	1	0	0.380	0
153	150	12.3	2.11	2.4	48.53	44.22	0	0	273	1	1	1	0	1	0	0.380	0
154	151	12.38	1.67	2.3	49.62	45.43	0	0	188	1	1	1	0	1	0	0.380	0
155	152	12.47	1.34	2.2	51.69	48.4	0	0	146	1	1	1	0	1	0	0.380	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	1.18	2.2	54.12	51.46	0	0	133	1	1	1	0	1	0	0.380	0
157	154	12.63	1.09	2.1	56.21	53.29	0	0	128	1	1	1	0	1	0	0.380	0
158	155	12.71	1.06	2.1	57.43	55.02	0.02	0.28	128	1	1	1	0	1	0	0.380	0
159	156	12.8	1.09	2.1	57.82	55.31	0.02	0.27	133	1	1	1	0	1	0	0.360	0
160	157	12.88	1.17	2.1	57.04	54.41	0.02	0.27	141	1	1	1	0	1	0	0.340	0
161	158	12.96	1.28	2.2	55.5	52.54	0.02	0.27	151	1	1	1	0	1	0	0.320	0
162	159	13.04	1.36	2.2	53.7	50.62	0.02	0.28	156	1	1	1	0	1	0	0.300	0
163	160	13.12	1.38	2.2	51.95	49.18	0.02	0.28	153	1	1	1	0	1	0	0.280	0
164	161	13.21	1.37	2.2	50.35	47.73	0.02	0.29	145	1	1	1	0	1	0	0.260	0
165	162	13.29	1.36	2.2	49	46.3	0.02	0.3	138	1	1	1	0	1	0	0.240	0
166	163	13.37	1.35	2.2	48.02	45.61	0.02	0.31	134	1	1	1	0	1	0	0.220	0
167	164	13.45	1.34	2.2	47.23	45.18	0.02	0.31	129	1	1	1	0	1	0	0.200	0
168	165	13.53	1.35	2.3	46.44	44.31	0.02	0.31	128	1	1	1	0	1	0	0.180	0
169	166	13.62	1.41	2.3	45.62	43.5	0	0	132	1	1	1	0	1	0	0.160	0
170	167	13.7	1.52	2.3	44.65	42.85	0	0	142	1	1	1	0	1	0	0.160	0
171	168	13.78	1.7	2.3	42.72	41.47	0	0	158	1	1	1	0	1	0	0.160	0
172	169	13.86	2.02	2.4	39	37.8	0	0	185	1	1	1	0	1	0	0.160	0
173	170	13.94	2.53	2.5	33.37	31.99	0	0	[illegible]	1	1	1	0	1	0	0.160	0
174	171	14.03	3.2	2.7	27.43	25.25	0	0	96	1	0	0	0	1	0	0.160	0
175	172	14.11	3.76	2.8	23	20.85	0	0	[illegible]	1	0	0	0	1	0	0.160	0
176	173	14.19	3.81	2.8	20.92	19.54	0	0	279	1	0	0	0	1	0	0.160	0
177	174	14.27	3.51	2.8	20.28	19.58	0	0	[illegible]	1	0	0	0	1	0	0.160	0
178	175	14.35	3.3	2.8	19.7	19.3	0	0	155	1	0	0	0	1	0	0.160	0
179	176	14.44	3.3	2.8	18.84	18.15	0	0	137	1	0	0	0	1	0	0.160	0
180	177	14.52	3.34	2.8	17.89	17.28	0	0	120	1	0	0	0	1	0	0.160	0
181	178	14.6	3.34	2.8	17.03	16.74	0	0	101	1	0	0	0	1	0	0.160	0
182	179	14.68	3.34	2.9	16.3	15.86	0	[illegible]	85	1	0	0	0	1	0	0.160	0
183	180	14.76	3.45	2.9	15.83	15.33	0	0	82	1	0	0	0	1	0	0.160	0
184	181	14.85	3.43	2.9	15.94	15.49	0	0	83	1	0	0	0	1	0	0.160	0
185	182	14.93	3.29	2.8	16.64	16.25	0	0	89	1	0	0	0	1	0	0.160	0
186	183	15.01	3.11	2.8	17.46	17.46	0	0	91	1	0	0	0	1	0	0.160	0
187	184	15.09	3.1	2.8	17.39	17.97	0	0	89	1	0	0	0	1	0	0.160	0
188	185	15.17	3.27	2.8	16.41	16.15	0	0	82	1	0	0	0	1	0	0.160	0
189	186	15.26	3.49	2.9	15.42	14.77	0	0	74	1	0	0	1	1	0	0.160	0
190	187	15.34	3.44	2.9	16.4	15.19	0	0	95	1	0	0	0	1	0	0.160	0
191	188	15.42	3.14	2.8	18.62	19	0	0	115	1	0	0	0	1	0	0.160	0
192	189	15.5	2.95	2.7	20.41	21.27	0	0	126	1	0	1	0	1	0	0.160	0
193	190	15.58	3	2.8	20.04	20.47	0	0	126	1	0	0	0	1	0	0.160	0
194	191	15.67	3.24	2.8	18.43	18.07	0	0	122	1	0	0	0	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	3.39	2.8	17.06	16.73	0	0	106	1	0	0	0	1	0	0.160	0
196	193	15.83	3.37	2.9	16.53	16.59	0	0	92	1	0	0	0	1	0	0.160	0
197	194	15.91	3.24	2.8	16.53	16.61	0	0	83	1	0	0	0	1	0	0.160	0
198	195	15.99	3.16	2.8	16.55	16.83	0	0	77	1	0	0	1	1	0	0.160	0
199	196	16.08	3.15	2.8	16.49	16.75	0	0	76	1	0	0	1	1	0	0.160	0
200	197	16.16	3.2	2.8	16.26	16.5	0	0	74	1	0	0	1	1	0	0.160	0
201	198	16.24	3.18	2.8	16.08	16.24	0	0	70	1	0	0	1	1	0	0.160	0
202	199	16.32	3.12	2.8	16.05	16.31	0	0	66	1	0	0	1	1	0	0.160	0
203	200	16.4	3.08	2.8	16.15	16.5	0	0	65	1	0	0	1	1	0	0.160	0
204	201	16.49	3.19	2.8	16.26	16.61	0	0	74	1	0	0	1	1	0	0.160	0
205	202	16.57	3.37	2.9	16.29	16.71	0	0	87	1	0	0	0	1	0	0.160	0
206	203	16.65	3.53	2.9	16.31	16.62	0	0	100	1	0	0	0	1	0	0.160	0
207	204	16.73	3.63	2.9	16.32	16.74	0	0	109	1	0	0	0	1	0	0.160	0
208	205	16.81	3.68	2.9	16.35	16.82	0	0	114	1	0	0	0	1	0	0.160	0
209	206	16.9	3.77	2.9	16.26	16.81	0	0	120	1	0	0	0	1	0	0.160	0
210	207	16.98	3.83	2.9	16.05	16.57	0	0	120	1	0	0	0	1	0	0.160	0
211	208	17.06	3.84	2.9	15.79	16.29	0	0	112	1	0	0	0	1	0	0.160	0
212	209	17.14	3.76	2.9	15.55	16.14	0	0	97	1	0	0	0	1	0	0.160	0
213	210	17.22	3.66	2.9	15.29	15.98	0	0	82	1	0	0	0	1	0	0.160	0
214	211	17.31	3.55	2.9	14.99	15.62	0	0	66	1	0	0	1	1	0	0.160	0
215	212	17.39	3.46	2.9	14.62	15.33	0	0	52	1	0	0	1	1	0	0.160	0
216	213	17.47	3.39	2.9	14.41	14.99	0	0	44	1	0	0	1	1	0	0.160	0
217	214	17.55	3.39	2.9	14.3	15.1	0	0	42	1	0	0	1	1	0	0.160	0
218	215	17.63	3.44	2.9	14.29	15.08	0	0	43	1	0	0	1	1	0	0.160	0
219	216	17.72	3.58	2.9	14.2	15.02	0	0	46	1	0	0	1	1	0	0.160	0
220	217	17.8	3.66	2.9	14.1	14.92	0	0	47	1	0	0	1	1	0	0.160	0
221	218	17.88	3.69	2.9	14.04	14.87	0	0	46	1	0	0	1	1	0	0.160	0
222	219	17.96	3.62	2.9	14.01	14.93	0	0	43	1	0	0	1	1	0	0.160	0
223	220	18.04	3.6	2.9	13.91	14.9	0	0	39	1	0	0	1	1	0	0.160	0
224	221	18.13	3.54	2.9	13.77	14.68	0	0	34	1	0	0	1	1	0	0.160	0
225	222	18.21	3.49	2.9	13.73	14.56	0	0	31	1	0	0	1	1	0	0.160	0
226	223	18.29	3.42	2.9	13.83	14.86	0	0	32	1	0	0	1	1	0	0.160	0
227	224	18.37	3.44	2.9	13.95	15.06	0	0	35	1	0	0	1	1	0	0.160	0
228	225	18.45	3.47	2.9	13.94	15	0	0	36	1	0	0	1	1	0	0.160	0
229	226	18.54	3.51	2.9	13.75	14.92	0	0	32	1	0	0	1	1	0	0.160	0
230	227	18.62	3.53	2.9	13.45	14.57	0	0	25	1	0	0	1	1	0	0.160	0
231	228	18.7	3.52	3.0	12.95	14.16	0	0	12	1	0	0	1	1	0	0.160	0
232	229	18.78	3.4	3.0	12.4	13.47	0	0	-2	1	0	0	1	1	0	0.160	0
233	230	18.86	3.13	3.0	11.78	12.97	0	0	-13	1	0	0	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	2.76	2.9	11.22	12.32	0	0	-17	1	0	1	1	1	0	0.160	0
235	232	19.03	2.56	2.9	10.72	11.79	0	0	-20	1	0	1	1	1	0	0.160	0
236	233	19.11	2.53	3.0	10.23	11.49	0	0	-25	1	0	1	1	1	0	0.160	0
237	234	19.19	2.67	3.0	9.88	10.84	0	0	-33	1	0	1	1	1	0	0.160	0
238	235	19.27	2.79	3.0	9.49	10.75	0	0	-42	1	0	1	1	1	0	0.160	0
239	236	19.36	2.89	3.0	9.23	10.29	0	0	-50	1	0	1	1	1	0	0.160	0
240	237	19.44	2.95	3.0	9.09	10.05	0	0	-54	1	0	1	1	1	0	0.160	0
241	238	19.52	2.95	3.0	9.16	10.28	0	0	-53	1	0	1	1	1	0	0.160	0
242	239	19.6	2.96	3.0	9.32	10.48	0	0	-51	1	0	1	1	1	0	0.160	0
243	240	19.68	3.11	3.0	9.35	10.57	0	0	-58	1	0	0	1	1	0	0.160	0
244	241	19.77	3.35	3.1	9.25	10.43	0	0	-73	1	0	0	1	1	0	0.160	0
245	242	19.85	3.59	3.1	9.14	10.25	0	0	-93	1	0	0	1	1	0	0.160	0
246	243	19.93	3.72	3.1	9.11	10.31	0	0	-104	1	0	0	1	1	0	0.160	0
247	244	20.01	3.79	3.1	9.15	10.44	0	0	-109	1	0	0	1	1	0	0.160	0
248	245	20.09	3.75	3.1	9.19	10.47	0	0	-104	1	0	0	1	1	0	0.160	0
249	246	20.18	3.66	3.1	9.2	10.48	0	0	-96	1	0	0	1	1	0	0.160	0
250	247	20.26	3.54	3.1	9.21	10.51	0	0	-87	1	0	0	1	1	0	0.160	0
251	248	20.34	3.54	3.1	9.23	10.53	0	0	-86	1	0	0	1	1	0	0.160	0
252	249	20.42	3.53	3.1	9.33	10.58	0	0	-83	1	0	0	1	1	0	0.160	0
253	250	20.5	3.54	3.1	9.48	10.88	0	0	-80	1	0	0	1	1	0	0.160	0
254	251	20.59	3.52	3.1	9.61	11.05	0	0	-75	1	0	0	1	1	0	0.160	0
255	252	20.67	3.59	3.1	9.56	11.05	0	0	-81	1	0	0	1	1	0	0.160	0
256	253	20.75	3.69	3.1	9.49	10.8	0	0	-90	1	0	0	1	1	0	0.160	0
257	254	20.83	3.76	3.1	9.41	10.87	0	0	-98	1	0	0	1	1	0	0.160	0
258	255	20.92	3.73	3.1	9.3	10.85	0	0	-99	1	0	0	1	1	0	0.160	0
259	256	21	3.69	3.1	9.08	10.51	0	0	-102	1	0	0	1	1	0	0.160	0
260	257	21.08	3.69	3.1	8.78	10.22	0	0	-111	1	0	0	1	1	0	0.160	0
261	258	21.16	3.69	3.1	8.6	9.92	0	0	-117	1	0	0	1	1	0	0.160	0
262	259	21.24	3.68	3.1	8.57	9.98	0	0	-117	1	0	0	1	1	0	0.160	0
263	260	21.33	3.61	3.1	8.63	10.17	0	0	-108	1	0	0	1	1	0	0.160	0
264	261	21.41	3.57	3.1	8.55	10.16	0	0	-107	1	0	0	1	1	0	0.160	0
265	262	21.49	3.53	3.1	8.34	9.78	0	0	-109	1	0	0	1	1	0	0.160	0
266	263	21.57	3.51	3.1	8.08	9.54	0	0	-114	1	0	0	1	1	0	0.160	0
267	264	21.65	3.4	3.1	8.05	9.37	0	0	-104	1	0	0	1	1	0	0.160	0
268	265	21.74	3.25	3.1	8.3	9.71	0	0	-87	1	0	0	1	1	0	0.160	0
269	266	21.82	3.17	3.1	8.73	10.38	0	0	-73	1	0	0	1	1	0	0.160	0
270	267	21.9	3.25	3.1	9.03	10.8	0	0	-72	1	0	0	1	1	0	0.160	0
271	268	21.98	3.53	3.1	8.98	10.72	0	0	-92	1	0	0	1	1	0	0.160	0
272	269	22.06	3.77	3.1	8.77	10.29	0	0	-119	1	0	0	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	3.85	3.1	8.53	10.19	0	0	-136	1	0	0	1	1	0	0.160	0
274	271	22.23	3.6	3.1	8.47	10.04	0	0	-112	1	0	0	1	1	0	0.160	0
275	272	22.31	3.29	3.1	8.56	10.15	0	0	-84	1	0	0	1	1	0	0.160	0
276	273	22.39	3.09	3.1	8.57	10.48	0	0	-71	1	0	0	1	1	0	0.160	0
277	274	22.47	3.09	3.1	8.39	10.13	0	0	-74	1	0	0	1	1	0	0.160	0
278	275	22.56	3.29	3.1	7.83	9.61	0	0	-100	1	0	0	1	1	0	0.160	0
279	276	22.64	3.54	3.2	7.17	8.69	0	0	-141	1	0	0	1	1	0	0.160	0
280	277	22.72	3.66	3.2	6.54	7.97	0	0	-174	1	0	0	1	1	0	0.160	0
281	278	22.8	3.5	3.2	6.05	7.53	0	0	-165	1	0	0	1	1	0	0.160	0
282	279	22.88	3.29	3.2	5.61	6.98	0	0	-147	1	0	0	1	1	0	0.160	0
283	280	22.97	3.11	3.2	5.31	6.49	0	0	-132	1	0	0	1	1	0	0.160	0
284	281	23.05	2.92	3.2	5.33	6.55	0	0	-112	1	0	1	1	1	0	0.160	0
285	282	23.13	2.64	3.2	5.57	7.06	0	0	-84	1	0	1	1	1	0	0.160	0
286	283	23.21	2.44	3.2	5.74	7.27	0	0	-69	1	0	1	1	1	0	0.160	0
287	284	23.29	2.42	3.2	5.74	7.15	0	0	-68	1	0	1	1	1	0	0.160	0
288	285	23.38	2.52	3.2	5.64	7.08	0	0	-75	1	0	1	1	1	0	0.160	0
289	286	23.46	2.59	3.2	5.6	6.98	0	0	-80	1	0	1	1	1	0	0.160	0
290	287	23.54	2.62	3.2	5.54	7	0	0	-83	1	0	1	1	1	0	0.160	0
291	288	23.62	2.66	3.2	5.49	6.89	0	0	-87	1	0	1	1	1	0	0.160	0
292	289	23.7	2.72	3.2	5.45	6.85	0	0	-92	1	0	1	1	1	0	0.160	0
293	290	23.79	2.73	3.2	5.47	6.92	0	0	-93	1	0	1	1	1	0	0.160	0
294	291	23.87	2.7	3.2	5.46	6.97	0	0	-90	1	0	1	1	1	0	0.160	0
295	292	23.95	2.78	3.2	5.34	6.88	0	0	-99	1	0	1	1	1	0	0.160	0
296	293	24.03	2.88	3.2	5.15	6.57	0	0	-110	1	0	1	1	1	0	0.160	0
297	294	24.11	2.88	3.3	4.93	6.35	0	0	-114	1	0	1	1	1	0	0.160	0
298	295	24.2	2.75	3.2	4.86	6.16	0	0	-102	1	0	1	1	1	0	0.160	0
299	296	24.28	2.69	3.2	4.96	6.28	0	0	-96	1	0	1	1	1	0	0.160	0
300	297	24.36	2.79	3.2	5.13	6.65	0	0	-102	1	0	1	1	1	0	0.160	0
301	298	24.44	2.86	3.2	5.24	6.71	0	0	-107	1	0	1	1	1	0	0.160	0
302	299	24.52	2.84	3.2	5.21	6.65	0	0	-106	1	0	1	1	1	0	0.160	0
303	300	24.61	2.83	3.2	5.13	6.59	0	0	-106	1	0	1	1	1	0	0.160	0
304	301	24.69	2.77	3.2	5.11	6.51	0	0	-101	1	0	1	1	1	0	0.160	0
305	302	24.77	2.68	3.2	5.16	6.6	0	0	-93	1	0	1	1	1	0	0.160	0
306	303	24.85	2.68	3.2	5.29	6.8	0	0	-91	1	0	1	1	1	0	0.160	0
307	304	24.93	2.82	3.2	5.44	6.93	0	0	-101	1	0	1	1	1	0	0.160	0
308	305	25.02	3.04	3.2	5.76	7.09	0	0	-116	1	0	0	1	1	0	0.160	0
309	306	25.1	3.02	3.1	6.7	7.89	0	0	-98	1	0	0	1	1	0	0.160	0
310	307	25.18	2.66	3.0	9.7	10.13	0	0	-35	1	0	1	1	1	0	0.160	0
311	308	25.26	2.54	2.8	14.26	17.41	0	0	20	1	0	1	1	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	2.7	2.7	19.06	23.82	0	0	84	1	0	1	0	1	0	0.160	0
313	310	25.43	2.5	2.7	21.61	26.68	0	0	98	1	0	1	0	1	0	0.160	0
314	311	25.51	2.2	2.6	22.44	26.19	0	0	82	1	0	1	0	1	0	0.160	0
315	312	25.59	1.63	2.6	22.84	26.61	0	0	51	1	1	1	1	1	0	0.160	0
316	313	25.67	1.42	2.5	23.97	27.33	0	0	46	1	1	1	1	1	0	0.160	0
317	314	25.75	1.33	2.5	24.81	29.6	0	0	45	1	1	1	1	1	0	0.160	0
318	315	25.84	1.39	2.5	24.8	29.19	0	0	48	1	1	1	1	1	0	0.160	0
319	316	25.92	1.56	2.5	23.38	27.45	0	0	50	1	1	1	1	1	0	0.160	0
320	317	26	1.91	2.6	20.76	25.34	0	0	52	1	0	1	1	1	0	0.160	0
321	318	26.08	2.49	2.8	17.65	21.12	0	0	55	1	0	1	1	1	0	0.160	0
322	319	26.16	3.21	2.9	15.02	17.75	0	0	50	1	0	0	1	1	0	0.160	0
323	320	26.25	3.84	3.0	13.81	16.76	0	0	44	1	0	0	1	1	0	0.160	0
324	321	26.33	4.18	3.0	13.18	16.89	0	0	31	1	0	0	1	1	0	0.160	0
325	322	26.41	4.63	3.1	11.91	15.57	0	0	-38	1	0	0	1	1	0	0.160	0
326	323	26.49	5	3.1	10.07	12.31	0	0	-210	1	0	0	1	1	0	0.160	0
327	324	26.57	5.31	3.2	8.3	10.46	0	0	-463	1	0	0	1	1	0	0.160	0
328	325	26.66	4.57	3.2	8.51	9.37	0	0	-245	1	0	0	1	1	0	0.160	0
329	326	26.74	3.65	3.0	10.83	13.02	0	0	48	1	0	0	1	1	0	0.160	0
330	327	26.82	3	2.9	14.53	18.66	0	0	84	1	0	0	1	1	0	0.160	0
331	328	26.9	2.83	2.8	16.84	22.5	0	0	92	1	0	1	1	1	0	0.160	0
332	329	26.98	2.78	2.8	17.36	21.02	0	0	67	1	0	1	1	1	0	0.160	0
333	330	27.07	2.7	2.8	17.18	20.43	0	0	60	1	0	1	1	1	0	0.160	0
334	331	27.15	2.34	2.7	19.18	21.87	0	0	62	1	0	1	1	1	0	0.160	0
335	332	27.23	2.21	2.7	21.07	27.52	0	0	71	1	0	1	1	1	0	0.160	0
336	333	27.31	2.4	2.7	21.58	26.7	0	0	89	1	0	1	0	1	0	0.160	0
337	334	27.39	2.86	2.8	19.59	23.89	0	0	105	1	0	1	0	1	0	0.160	0
338	335	27.48	3.21	2.8	17.13	21.31	0	0	92	1	0	0	0	1	0	0.160	0
339	336	27.56	3.38	2.9	15.15	18.65	0	0	61	1	0	0	1	1	0	0.160	0
340	337	27.64	3.23	2.9	14.56	16.86	0	0	42	1	0	0	1	1	0	0.160	0
341	338	27.72	2.47	2.8	17.68	19.19	0	0	54	1	0	1	1	1	0	0.160	0
342	339	27.8	1.77	2.6	23.02	29.13	0	0	59	1	1	1	1	1	0	0.160	0
343	340	27.89	1.49	2.5	26.39	34.01	0	0	60	1	1	1	1	1	0	0.160	0
344	341	27.97	1.58	2.5	25.36	29.87	0	0	60	1	1	1	1	1	0	0.160	0
345	342	28.05	1.94	2.6	21.99	26.03	0	0	62	1	0	1	1	1	0	0.160	0
346	343	28.13	2.41	2.7	19.39	23.45	0	0	68	1	0	1	1	1	0	0.160	0
347	344	28.21	2.89	2.8	17.87	21.74	0	0	81	1	0	1	0	1	0	0.160	0
348	345	28.3	3.4	2.9	16.86	21.36	0	0	102	1	0	0	0	1	0	0.160	0
349	346	28.38	3.88	2.9	16.47	20.28	0	0	139	1	0	0	0	1	0	0.160	0
350	347	28.46	4.42	2.9	16.08	20.38	0	0	195	1	0	0	0	1	0	0.160	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	4.84	3.0	15.84	19.99	0	0	255	1	0	0	0	1	0	0.160	0
352	349	28.63	4.83	3.0	15.45	19.51	0	0	223	1	0	0	0	1	0	0.160	0
353	350	28.71	4.3	2.9	15.46	19.06	0	0	147	1	0	0	0	1	0	0.160	0
354	351	28.79	3.42	2.9	16.37	20.09	0	0	92	1	0	0	0	1	0	0.160	0
355	352	28.87	2.6	2.7	18.81	22.88	0	0	74	1	0	1	1	1	0	0.160	0
356	353	28.95	2.1	2.6	22.19	27.11	0	0	73	1	0	1	1	1	0	0.160	0
357	354	29.04	1.89	2.6	25.63	30.82	0.02	0.39	82	1	1	1	0	1	0	0.160	0
358	355	29.12	1.93	2.5	27.69	34.22	0	0	98	1	1	1	0	1	0	0.140	0
359	356	29.2	1.89	2.5	30.7	34.14	0	0	113	1	1	1	0	1	0	0.140	0
360	357	29.28	1.68	2.4	35.23	41.19	0	0	116	1	1	1	0	1	0	0.140	0
361	358	29.36	1.42	2.3	41.39	49.08	0	0	116	1	1	1	0	1	0	0.140	0
362	359	29.45	1.26	2.2	46.02	53.95	0	0	116	1	1	1	0	1	0	0.140	0
363	360	29.53	1.19	2.2	47.78	55.88	0	0	114	1	1	1	0	1	0	0.140	0
364	361	29.61	1.13	2.2	47.38	54.51	0.01	0.25	106	1	1	1	0	1	0	0.140	0
365	362	29.69	1.05	2.2	46.05	52.27	0.01	0.27	95	1	1	1	0	1	0	0.130	0
366	363	29.77	1.02	2.2	44.65	51.05	0.02	0.28	88	1	1	1	0	1	0	0.120	0
367	364	29.86	1.04	2.2	43.41	49.73	0.02	0.28	86	1	1	1	0	1	0	0.100	0
368	365	29.94	1.1	2.2	42.14	48.39	0.02	0.28	88	1	1	1	0	1	0	0.080	0
369	366	30.02	1.17	2.3	40.52	47.35	0.02	0.28	89	1	1	1	0	1	0	0.060	0
370	367	30.1	1.23	2.3	38.53	44.92	0.02	0.3	87	1	1	1	0	1	0	0.040	0
371	368	30.18	1.27	2.3	36.05	42.2	0.02	0.31	82	1	1	1	0	1	0	0.020	0
372	369	30.27	1.25	2.4	33.68	39.37	0	0	72	1	1	1	1	1	0	0.000	0
373	370	30.35	1.41	2.4	31.36	37.06	0	0	75	1	1	1	1	1	0	0.000	0
374	371	30.43	1.74	2.5	29.14	35.09	0	0	90	1	1	1	0	1	0	0.000	0
375	372	30.51	2.24	2.6	27.07	32.93	0	0	124	1	1	1	0	1	0	0.000	0
376	373	30.59	2.7	2.7	25.2	31.17	0	0	163	1	0	1	0	1	0	0.000	0
377	374	30.68	3.19	2.7	23.24	29.52	0	0	211	1	0	0	0	1	0	0.000	0
378	375	30.76	3.68	2.8	21.25	26.81	0	0	260	1	0	0	0	1	0	0.000	0
379	376	30.84	4.07	2.9	19.37	24.76	0	0	282	1	0	0	0	1	0	0.000	0
380	377	30.92	4.09	2.9	17.7	22.93	0	0	217	1	0	0	0	1	0	0.000	0
381	378	31	4	2.9	15.6	20.64	0	0	120	1	0	0	0	1	0	0.000	0
382	379	31.09	4.12	3.0	13.04	17	0	0	23	1	0	0	1	1	0	0.000	0
383	380	31.17	4.77	3.1	10.48	13.49	0	0	-146	1	0	0	1	1	0	0.000	0
384	381	31.25	5.5	3.2	8.49	11.26	0	0	-511	1	0	0	1	1	0	0.000	0
385	382	31.33	6	3.3	6.99	9.71	0	0	-1026	1	0	0	1	1	0	0.000	0
386	383	31.41	5.84	3.3	6.12	8.07	0	0	-1054	1	0	0	1	1	0	0.000	0
387	384	31.5	5.58	3.3	5.82	8.08	0	0	-905	1	0	0	1	1	0	0.000	0
388	385	31.58	5.16	3.3	6.33	8.63	0	0	-605	1	0	0	1	1	0	0.000	0
389	386	31.66	4.85	3.2	7.38	9.92	0	0	-394	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	4.68	3.2	8.61	11.89	0	0	-261	1	0	0	1	1	0	0.000	0
391	388	31.82	4.64	3.1	9.34	13.17	0	0	-206	1	0	0	1	1	0	0.000	0
392	389	31.91	4.73	3.1	9.25	12.63	0	0	-227	1	0	0	1	1	0	0.000	0
393	390	31.99	4.83	3.2	8.38	11.63	0	0	-312	1	0	0	1	1	0	0.000	0
394	391	32.07	4.93	3.2	7.2	9.99	0	0	-434	1	0	0	1	1	0	0.000	0
395	392	32.15	4.94	3.3	6.04	8.37	0	0	-533	1	0	0	1	1	0	0.000	0
396	393	32.23	4.8	3.3	5.31	7.4	0	0	-531	1	0	0	1	1	0	0.000	0
397	394	32.32	3.91	3.2	6.01	7.31	0	0	-233	1	0	0	1	1	0	0.000	0
398	395	32.4	3.06	3.0	8.9	10.93	0	0	-63	1	0	0	1	1	0	0.000	0
399	396	32.48	2.77	2.9	12.41	17.94	0	0	-1	1	0	1	1	1	0	0.000	0
400	397	32.56	3.03	2.9	14.07	20.28	0	0	27	1	0	0	1	1	0	0.000	0
401	398	32.64	3.76	3.0	12.68	17.15	0	0	6	1	0	0	1	1	0	0.000	0
402	399	32.73	4.98	3.1	9.78	12.91	0	0	-232	1	0	0	1	1	0	0.000	0
403	400	32.81	6.4	3.3	7.41	9.6	0	0	-1277	1	0	0	1	1	0	0.000	0
404	401	32.89	7.22	3.4	6.13	8.4	0	0	-2893	1	0	0	1	1	0	0.000	0
405	402	32.97	6.98	3.4	5.75	8.21	0	0	-2582	1	0	0	1	1	0	0.000	0
406	403	33.05	6.08	3.4	5.66	8.19	0	0	-1353	1	0	0	1	1	0	0.000	0
407	404	33.14	5.16	3.3	5.53	8.05	0	0	-83	1	0	0	1	1	0	0.000	0
408	405	33.22	4.45	3.3	5.38	7.75	0	0	-98	1	0	0	1	1	0	0.000	0
409	406	33.3	4.03	3.3	5.27	7.62	0	0	-27	1	0	0	1	1	0	0.000	0
410	407	33.38	3.75	3.3	5.23	7.62	0	0	-229	1	0	0	1	1	0	0.000	0
411	408	33.46	3.53	3.3	5.24	7.6	0	0	-190	1	0	0	1	1	0	0.000	0
412	409	33.55	3.3	3.3	5.3	7.61	0	0	-155	1	0	0	1	1	0	0.000	0
413	410	33.63	3.24	3.2	5.33	7.83	0	0	-147	1	0	0	1	1	0	0.000	0
414	411	33.71	3.39	3.3	5.29	7.7	0	0	-168	1	0	0	1	1	0	0.000	0
415	412	33.79	3.7	3.3	5.15	7.43	0	0	-222	1	0	0	1	1	0	0.000	0
416	413	33.87	4.02	3.3	5.06	7.28	0	0	-293	1	0	0	1	1	0	0.000	0
417	414	33.96	4.18	3.3	5.05	7.35	0	0	-334	1	0	0	1	1	0	0.000	0
418	415	34.04	4.2	3.3	5.09	7.36	0	0	-338	1	0	0	1	1	0	0.000	0
419	416	34.12	4.14	3.3	5.15	7.4	0	0	-319	1	0	0	1	1	0	0.000	0
420	417	34.2	4.27	3.3	5.15	7.56	0	0	-355	1	0	0	1	1	0	0.000	0
421	418	34.28	4.47	3.3	5.08	7.35	0	0	-421	1	0	0	1	1	0	0.000	0
422	419	34.37	4.57	3.4	4.95	7.1	0	0	-465	1	0	0	1	1	0	0.000	0
423	420	34.45	4.47	3.4	4.83	7.06	0	0	-435	1	0	0	1	1	0	0.000	0
424	421	34.53	4.39	3.4	4.76	6.87	0	0	-412	1	0	0	1	1	0	0.000	0
425	422	34.61	4.34	3.4	4.67	6.88	0	0	-400	1	0	0	1	1	0	0.000	0
426	423	34.69	4.3	3.4	4.58	6.69	0	0	-392	1	0	0	1	1	0	0.000	0
427	424	34.78	4.04	3.4	4.49	6.47	0	0	-321	1	0	0	1	1	0	0.000	0
428	425	34.86	3.87	3.4	4.46	6.5	0	0	-280	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	3.6	3.3	4.57	6.54	0	0	-220	1	0	0	1	1	0	0.000	0
430	427	35.02	3.42	3.3	4.72	6.83	0	0	-186	1	0	0	1	1	0	0.000	0
431	428	35.1	3.23	3.3	4.82	6.96	0	0	-156	1	0	0	1	1	0	0.000	0
432	429	35.19	3.27	3.3	4.82	6.84	0	0	-161	1	0	0	1	1	0	0.000	0
433	430	35.27	3.2	3.3	4.81	6.81	0	0	-152	1	0	0	1	1	0	0.000	0
434	431	35.35	3	3.3	4.78	6.89	0	0	-129	1	0	0	1	1	0	0.000	0
435	432	35.43	2.67	3.3	4.7	6.76	0	0	-98	1	0	1	1	1	0	0.000	0
436	433	35.51	2.47	3.2	4.58	6.48	0	0	-83	1	0	1	1	1	0	0.000	0
437	434	35.6	2.45	3.2	4.6	6.42	0	0	-81	1	0	1	1	1	0	0.000	0
438	435	35.68	2.48	3.2	4.7	6.58	0	0	-82	1	0	1	1	1	0	0.000	0
439	436	35.76	2.55	3.2	4.85	6.56	0	0	-86	1	0	1	1	1	0	0.000	0
440	437	35.84	2.61	3.2	4.84	6.74	0	0	-91	1	0	1	1	1	0	0.000	0
441	438	35.92	2.69	3.2	4.79	6.64	0	0	-98	1	0	1	1	1	0	0.000	0
442	439	36.01	2.82	3.3	4.67	6.49	0	0	-112	1	0	1	1	1	0	0.000	0
443	440	36.09	2.94	3.3	4.72	6.45	0	0	-123	1	0	1	1	1	0	0.000	0
444	441	36.17	2.99	3.3	4.93	6.79	0	0	-125	1	0	1	1	1	0	0.000	0
445	442	36.25	2.99	3.2	5.18	7.18	0	0	-121	1	0	1	1	1	0	0.000	0
446	443	36.33	3.15	3.2	5.29	7.31	0	0	-127	1	0	0	1	1	0	0.000	0
447	444	36.42	3.42	3.3	5.3	7.28	0	0	-172	1	0	0	1	1	0	0.000	0
448	445	36.5	3.73	3.3	5.3	7.38	0	0	-213	1	0	0	1	1	0	0.000	0
449	446	36.58	3.86	3.3	5.32	7.42	0	0	-248	1	0	0	1	1	0	0.000	0
450	447	36.66	3.86	3.3	5.3	7.42	0	0	-248	1	0	0	1	1	0	0.000	0
451	448	36.74	3.9	3.3	5.25	7.37	0	0	-259	1	0	0	1	1	0	0.000	0
452	449	36.83	3.98	3.3	5.17	7.34	0	0	-279	1	0	0	1	1	0	0.000	0
453	450	36.91	4.08	3.3	5.04	7.18	0	0	-309	1	0	0	1	1	0	0.000	0
454	451	36.99	4.08	3.3	4.87	6.92	0	0	-316	1	0	0	1	1	0	0.000	0
455	452	37.07	4.04	3.3	4.71	6.77	0	0	-312	1	0	0	1	1	0	0.000	0
456	453	37.16	4	3.4	4.58	6.65	0	0	-307	1	0	0	1	1	0	0.000	0
457	454	37.24	3.91	3.4	4.53	6.47	0	0	-287	1	0	0	1	1	0	0.000	0
458	455	37.32	3.81	3.3	4.51	6.53	0	0	-265	1	0	0	1	1	0	0.000	0
459	456	37.4	3.77	3.3	4.55	6.52	0	0	-255	1	0	0	1	1	0	0.000	0
460	457	37.48	3.86	3.3	4.57	6.57	0	0	-274	1	0	0	1	1	0	0.000	0
461	458	37.57	4.04	3.4	4.55	6.62	0	0	-318	1	0	0	1	1	0	0.000	0
462	459	37.65	4.3	3.4	4.42	6.51	0	0	-400	1	0	0	1	1	0	0.000	0
463	460	37.73	4.48	3.4	4.23	6.28	0	0	-473	1	0	0	1	1	0	0.000	0
464	461	37.81	4.54	3.4	4.03	6.05	0	0	-509	1	0	0	1	1	0	0.000	0
465	462	37.89	4.4	3.4	3.87	5.85	0	0	-463	1	0	0	1	1	0	0.000	0
466	463	37.98	4.13	3.4	3.77	5.68	0	0	-376	1	0	0	1	1	0	0.000	0
467	464	38.06	3.81	3.4	3.72	5.61	0	0	-291	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	3.53	3.4	3.69	5.59	0	0	-231	1	0	0	1	1	0	0.000	0
469	466	38.22	3.36	3.4	3.67	5.53	0	0	-200	1	0	0	1	1	0	0.000	0
470	467	38.3	3.28	3.4	3.65	5.46	0	0	-188	1	0	0	1	1	0	0.000	0
471	468	38.39	3.24	3.4	3.67	5.48	0	0	-181	1	0	0	1	1	0	0.000	0
472	469	38.47	3.17	3.4	3.75	5.58	0	0	-169	1	0	0	1	1	0	0.000	0
473	470	38.55	3.07	3.4	3.86	5.69	0	0	-153	1	0	0	1	1	0	0.000	0
474	471	38.63	2.95	3.3	3.98	5.86	0	0	-136	1	0	1	1	1	0	0.000	0
475	472	38.71	2.93	3.3	4.12	6	0	0	-131	1	0	1	1	1	0	0.000	0
476	473	38.8	2.95	3.3	4.3	6.22	0	0	-131	1	0	1	1	1	0	0.000	0
477	474	38.88	2.94	3.3	4.47	6.55	0	0	-127	1	0	1	1	1	0	0.000	0
478	475	38.96	2.84	3.3	4.56	6.62	0	0	-115	1	0	1	1	1	0	0.000	0
479	476	39.04	2.63	3.3	4.54	6.56	0	0	-96	1	0	1	1	1	0	0.000	0
480	477	39.12	2.39	3.2	4.49	6.51	0	0	-78	1	0	1	1	1	0	0.000	0
481	478	39.21	2.01	3.2	4.49	6.4	0	0	-56	1	0	1	1	1	0	0.000	0
482	479	39.29	1.76	3.2	4.48	6.49	0	0	-44	1	0	1	1	1	0	0.000	0
483	480	39.37	1.63	3.2	4.48	6.39	0	0	-39	1	0	1	1	1	0	0.000	0
484	481	39.45	1.66	3.2	4.39	6.29	0	0	-41	1	0	1	1	1	0	0.000	0
485	482	39.53	1.78	3.2	4.32	6.11	0	0	-46	1	0	1	1	1	0	0.000	0
486	483	39.62	1.87	3.2	4.27	6.06	0	0	-50	1	0	1	1	1	0	0.000	0
487	484	39.7	1.97	3.2	4.28	6.11	0	0	-55	1	0	1	1	1	0	0.000	0
488	485	39.78	1.93	3.2	4.29	6.17	0	0	-53	1	0	1	1	1	0	0.000	0
489	486	39.86	1.87	3.2	4.26	6.16	0	0	-50	1	0	1	1	1	0	0.000	0
490	487	39.94	1.76	3.2	4.27	6.07	0	0	-45	1	0	1	1	1	0	0.000	0
491	488	40.03	1.64	3.2	4.38	6.22	0	0	-40	1	0	1	1	1	0	0.000	0
492	489	40.11	1.55	3.1	4.69	6.53	0	0	-35	1	0	1	1	1	0	0.000	0
493	490	40.19	1.55	3.1	5.16	7.15	0	0	-33	1	0	1	1	1	0	0.000	0
494	491	40.27	1.65	3.1	5.68	7.91	0	0	-34	1	0	1	1	1	0	0.000	0
495	492	40.35	1.66	3.0	6.15	8.46	0	0	-32	1	0	1	1	1	0	0.000	0
496	493	40.44	1.59	3.0	6.3	8.94	0	0	-29	1	0	1	1	1	0	0.000	0
497	494	40.52	1.48	3.0	6.2	8.64	0	0	-27	1	0	1	1	1	0	0.000	0
498	495	40.6	1.5	3.0	5.88	8.3	0	0	-29	1	0	1	1	1	0	0.000	0
499	496	40.68	1.79	3.1	5.73	7.9	0	0	-38	1	0	1	1	1	0	0.000	0
500	497	40.76	2.3	3.1	6.14	7.96	0	0	-57	1	0	1	1	1	0	0.000	0
501	498	40.85	2.75	3.1	7.35	9.61	0	0	-69	1	0	1	1	1	0	0.000	0
502	499	40.93	3.13	3.1	8.93	12.32	0	0	-67	1	0	0	1	1	0	0.000	0
503	500	41.01	3.39	3.0	10.3	14.18	0	0	-51	1	0	0	1	1	0	0.000	0
504	501	41.09	3.75	3.0	11.01	15.36	0	0	-47	1	0	0	1	1	0	0.000	0
505	502	41.17	4.04	3.0	11.23	15.57	0	0	-51	1	0	0	1	1	0	0.000	0
506	503	41.26	4.32	3.1	11.03	15.49	0	0	-74	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	4.57	3.1	10.48	14.88	0	0	-124	1	0	0	1	1	0	0.000	0
508	505	41.42	4.73	3.1	9.87	13.6	0	0	-184	1	0	0	1	1	0	0.000	0
509	506	41.5	4.6	3.1	9.22	13.14	0	0	-207	1	0	0	1	1	0	0.000	0
510	507	41.58	4.11	3.1	8.77	12.24	0	0	-158	1	0	0	1	1	0	0.000	0
511	508	41.67	3.44	3.1	8.19	11.84	0	0	-105	1	0	0	1	1	0	0.000	0
512	509	41.75	2.85	3.1	7.5	10.98	0	0	-73	1	0	1	1	1	0	0.000	0
513	510	41.83	2.14	3.1	6.56	9.67	0	0	-46	1	0	1	1	1	0	0.000	0
514	511	41.91	1.55	3.1	5.67	8.2	0	0	-31	1	0	1	1	1	0	0.000	0
515	512	41.99	1.25	3.1	4.93	7.41	0	0	-26	1	0	1	1	1	0	0.000	0
516	513	42.08	1.36	3.1	4.58	6.65	0	0	-30	1	0	1	1	1	0	0.000	0
517	514	42.16	1.66	3.2	4.25	6.29	0	0	-41	1	0	1	1	1	0	0.000	0
518	515	42.24	1.99	3.2	4.12	5.66	0	0	-57	1	0	1	1	1	0	0.000	0
519	516	42.32	2.32	3.3	4	5.82	0	0	-78	1	0	1	1	1	0	0.000	0
520	517	42.4	2.49	3.3	4.08	6	0	0	-90	1	0	1	1	1	0	0.000	0
521	518	42.49	2.64	3.3	4.06	6.23	0	0	-103	1	0	1	1	1	0	0.000	0
522	519	42.57	2.82	3.3	3.95	5.96	0	0	-122	1	0	1	1	1	0	0.000	0
523	520	42.65	2.96	3.4	3.83	5.79	0	0	-140	1	0	1	1	1	0	0.000	0
524	521	42.73	3	3.4	3.8	5.82	0	0	-145	1	0	0	1	1	0	0.000	0
525	522	42.81	2.89	3.3	3.87	5.86	0	0	-131	1	0	1	1	1	0	0.000	0
526	523	42.9	2.81	3.3	3.96	6.04	0	0	-111	1	0	1	1	1	0	0.000	0
527	524	42.98	2.85	3.3	4.13	6.2	0	0	-123	1	0	1	1	1	0	0.000	0
528	525	43.06	3.04	3.3	4.35	6.57	0	0	-141	1	0	0	1	1	0	0.000	0
529	526	43.14	3.26	3.3	4.65	6.93	0	0	-164	1	0	0	1	1	0	0.000	0
530	527	43.22	3.48	3.3	4.88	7.44	0	0	-191	1	0	0	1	1	0	0.000	0
531	528	43.31	3.7	3.3	5.08	7.6	0	0	-224	1	0	0	1	1	0	0.000	0
532	529	43.39	3.94	3.3	5.18	7.85	0	0	-270	1	0	0	1	1	0	0.000	0
533	530	43.47	4.32	3.3	5.17	7.96	0	0	-369	1	0	0	1	1	0	0.000	0
534	531	43.55	4.81	3.4	4.99	7.7	0	0	-559	1	0	0	1	1	0	0.000	0
535	532	43.63	5.38	3.4	4.7	7.32	0	0	-907	1	0	0	1	1	0	0.000	0
536	533	43.72	5.84	3.5	4.4	6.98	0	0	-1338	1	0	0	1	1	0	0.000	0
537	534	43.8	6.11	3.5	4.17	6.64	0	0	-1685	1	0	0	1	1	0	0.000	0
538	535	43.88	6.28	3.5	3.96	6.46	0	0	-1960	1	0	0	1	1	0	0.000	0
539	536	43.96	6.26	3.5	3.84	6.2	0	0	-1958	1	0	0	1	1	0	0.000	0
540	537	44.04	6.19	3.5	3.77	6.17	0	0	-1874	1	0	0	1	1	0	0.000	0
541	538	44.13	6.03	3.5	3.73	6.18	0	0	-1671	1	0	0	1	1	0	0.000	0
542	539	44.21	5.95	3.5	3.66	6.06	0	0	-1586	1	0	0	1	1	0	0.000	0
543	540	44.29	5.93	3.5	3.52	5.96	0	0	-1587	1	0	0	1	1	0	0.000	0
544	541	44.37	5.9	3.6	3.36	5.68	0	0	-1579	1	0	0	1	1	0	0.000	0
545	542	44.45	5.78	3.6	3.19	5.46	0	0	-1469	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	5.64	3.6	3.06	5.3	0	0	-1339	1	0	0	1	1	0	0.000	0
547	544	44.62	5.43	3.6	2.96	5.09	0	0	-1153	1	0	0	1	1	0	0.000	0
548	545	44.7	5.14	3.6	2.92	5.04	0	0	-925	1	0	0	1	1	0	0.000	0
549	546	44.78	4.75	3.6	2.95	5.05	0	0	-678	1	0	0	1	1	0	0.000	0
550	547	44.86	4.5	3.5	3.02	5.15	0	0	-551	1	0	0	1	1	0	0.000	0
551	548	44.95	4.42	3.5	3.13	5.25	0	0	-511	1	0	0	1	1	0	0.000	0
552	549	45.03	4.3	3.5	3.22	5.4	0	0	-459	1	0	0	1	1	0	0.000	0
553	550	45.11	4.03	3.5	3.27	5.44	0	0	-367	1	0	0	1	1	0	0.000	0
554	551	45.19	3.82	3.5	3.23	5.41	0	0	-310	1	0	0	1	1	0	0.000	0
555	552	45.27	3.79	3.5	3.18	5.27	0	0	-304	1	0	0	1	1	0	0.000	0
556	553	45.36	3.86	3.5	3.17	5.16	0	0	-322	1	0	0	1	1	0	0.000	0
557	554	45.44	3.82	3.5	3.17	5.18	0	0	-312	1	0	0	1	1	0	0.000	0
558	555	45.52	3.73	3.5	3.21	5.09	0	0	-288	1	0	0	1	1	0	0.000	0
559	556	45.6	3.76	3.5	3.23	5.16	0	0	-294	1	0	0	1	1	0	0.000	0
560	557	45.69	3.8	3.5	3.32	5.26	0	0	-301	1	0	0	1	1	0	0.000	0
561	558	45.77	3.87	3.5	3.42	5.42	0	0	-316	1	0	0	1	1	0	0.000	0
562	559	45.85	3.88	3.4	3.51	5.57	0	0	-315	1	0	0	1	1	0	0.000	0
563	560	45.93	3.88	3.4	3.63	5.71	0	0	-311	1	0	0	1	1	0	0.000	0
564	561	46.01	3.89	3.4	3.72	5.94	0	0	-311	1	0	0	1	1	0	0.000	0
565	562	46.1	3.92	3.4	3.79	6.01	0	0	-3[illegible]	1	0	0	1	1	0	0.000	0
566	563	46.18	3.98	3.4	3.81	6.03	0	0	-33[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	4.02	3.4	3.82	6.08	0	0	-342	1	0	0	1	1	0	0.000	0
568	565	46.34	3.98	3.4	3.85	6.13	0	0	-330	1	0	0	1	1	0	0.000	0
569	566	46.42	3.84	3.4	3.88	6.2	0	0	-293	1	0	0	1	1	0	0.000	0
570	567	46.51	3.75	3.4	3.88	6.23	0	0	-272	1	0	0	1	1	0	0.000	0
571	568	46.59	3.63	3.4	3.92	6.19	0	0	-244	1	0	0	1	1	0	0.000	0
572	569	46.67	3.46	3.4	4.05	6.36	0	0	-209	1	0	0	1	1	0	0.000	0
573	570	46.75	3.23	3.3	4.33	6.73	0	0	-166	1	0	0	1	1	0	0.000	0
574	571	46.83	3.04	3.3	4.62	7.19	0	0	-136	1	0	0	1	1	0	0.000	0
575	572	46.92	3.08	3.3	4.85	7.45	0	0	-137	1	0	0	1	1	0	0.000	0
576	573	47	3.18	3.3	5.13	7.66	0	0	-143	1	0	0	1	1	0	0.000	0
577	574	47.08	3.31	3.2	5.53	8.29	0	0	-152	1	0	0	1	1	0	0.000	0
578	575	47.16	3.44	3.2	5.99	9.02	0	0	-158	1	0	0	1	1	0	0.000	0
579	576	47.24	3.56	3.2	6.36	9.42	0	0	-165	1	0	0	1	1	0	0.000	0
580	577	47.33	3.71	3.2	6.55	9.8	0	0	-181	1	0	0	1	1	0	0.000	0
581	578	47.41	3.87	3.2	6.64	9.93	0	0	-204	1	0	0	1	1	0	0.000	0
582	579	47.49	4.2	3.2	6.54	9.89	0	0	-272	1	0	0	1	1	0	0.000	0
583	580	47.57	4.53	3.3	6.29	9.5	0	0	-370	1	0	0	1	1	0	0.000	0
584	581	47.65	4.71	3.3	6.01	9	0	0	-446	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	4.54	3.3	6.09	8.77	0	0	-385	1	0	0	1	1	0	0.000	0
586	583	47.82	4.35	3.2	6.49	9.71	0	0	-310	1	0	0	1	1	0	0.000	0
587	584	47.9	4.25	3.2	6.92	10.29	0	0	-265	1	0	0	1	1	0	0.000	0
588	585	47.98	4.23	3.2	7.08	10.28	0	0	-253	1	0	0	1	1	0	0.000	0
589	586	48.06	4.12	3.2	7.02	10.26	0	0	-234	1	0	0	1	1	0	0.000	0
590	587	48.15	4.13	3.2	6.91	10.16	0	0	-241	1	0	0	1	1	0	0.000	0
591	588	48.23	4.25	3.2	6.69	9.96	0	0	-276	1	0	0	1	1	0	0.000	0
592	589	48.31	4.52	3.3	6.41	9.52	0	0	-360	1	0	0	1	1	0	0.000	0
593	590	48.39	4.5	3.3	6.1	9.09	0	0	-372	1	0	0	1	1	0	0.000	0
594	591	48.47	4.35	3.3	5.89	8.79	0	0	-341	1	0	0	1	1	0	0.000	0
595	592	48.56	4.12	3.3	5.83	8.73	0	0	-285	1	0	0	1	1	0	0.000	0
596	593	48.64	4.04	3.3	5.92	8.78	0	0	-263	1	0	0	1	1	0	0.000	0
597	594	48.72	3.92	3.2	6.24	9.05	0	0	-227	1	0	0	1	1	0	0.000	0
598	595	48.8	3.89	3.2	6.57	9.71	0	0	-210	1	0	0	1	1	0	0.000	0
599	596	48.88	3.92	3.2	6.92	9.87	0	0	-202	1	0	0	1	1	0	0.000	0
600	597	48.97	4.07	3.2	7.06	10.32	0	0	-223	1	0	0	1	1	0	0.000	0
601	598	49.05	4.23	3.2	7.06	10.47	0	0	-254	1	0	0	1	1	0	0.000	0
602	599	49.13	4.45	3.2	6.83	10.14	0	0	-317	1	0	0	1	1	0	0.000	0
603	600	49.21	4.71	3.3	6.45	9.72	0	0	-416	1	0	0	1	1	0	0.000	0
604	601	49.29	4.95	3.3	6	9.2	0	0	-541	1	0	0	1	1	0	0.000	0
605	602	49.38	5.02	3.3	5.52	8.51	0	0	-613	1	0	0	1	1	0	0.000	0
606	603	49.46	4.88	3.4	5.09	7.9	0	0	-583	1	0	0	1	1	0	0.000	0
607	604	49.54	4.61	3.4	4.79	7.49	0	0	-490	1	0	0	1	1	0	0.000	0
608	605	49.62	4.38	3.4	4.63	7.31	0	0	-416	1	0	0	1	1	0	0.000	0
609	606	49.7	4.09	3.4	4.62	7.23	0	0	-329	1	0	0	1	1	0	0.000	0
610	607	49.79	3.78	3.3	4.63	7.33	0	0	-254	1	0	0	1	1	0	0.000	0
611	608	49.87	3.42	3.3	4.64	7.28	0	0	-188	1	0	0	1	1	0	0.000	0
612	609	49.95	3.15	3.3	4.58	7.19	0	0	-150	1	0	0	1	1	0	0.000	0
613	610	50.03	2.99	3.3	4.46	7.03	0	0	-133	1	0	1	1	1	0	0.000	0
614	611	50.11	2.92	3.3	4.3	6.73	0	0	-128	1	0	1	1	1	0	0.000	0
615	612	50.2	1.96	3.2	4.14	6.47	0	0	-55	1	0	1	1	1	0	0.000	0
616	613	50.28	0.97	3.1	4.03	6.34	0	0	-22	1	0	1	1	1	0	0.000	0
617	614	50.36	0	4.1	3.97	6.21	0	0	-9	1	0	1	1	1	0	0.000	0
618	615	50.44	0	4.1	3.95	6.17	0	0	-9	1	0	1	1	1	0	0.000	0
619	616	50.52	0	4.1	3.95	6.21	0	0	-9	1	0	1	1	1	0	0.000	0

DRAFT

GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

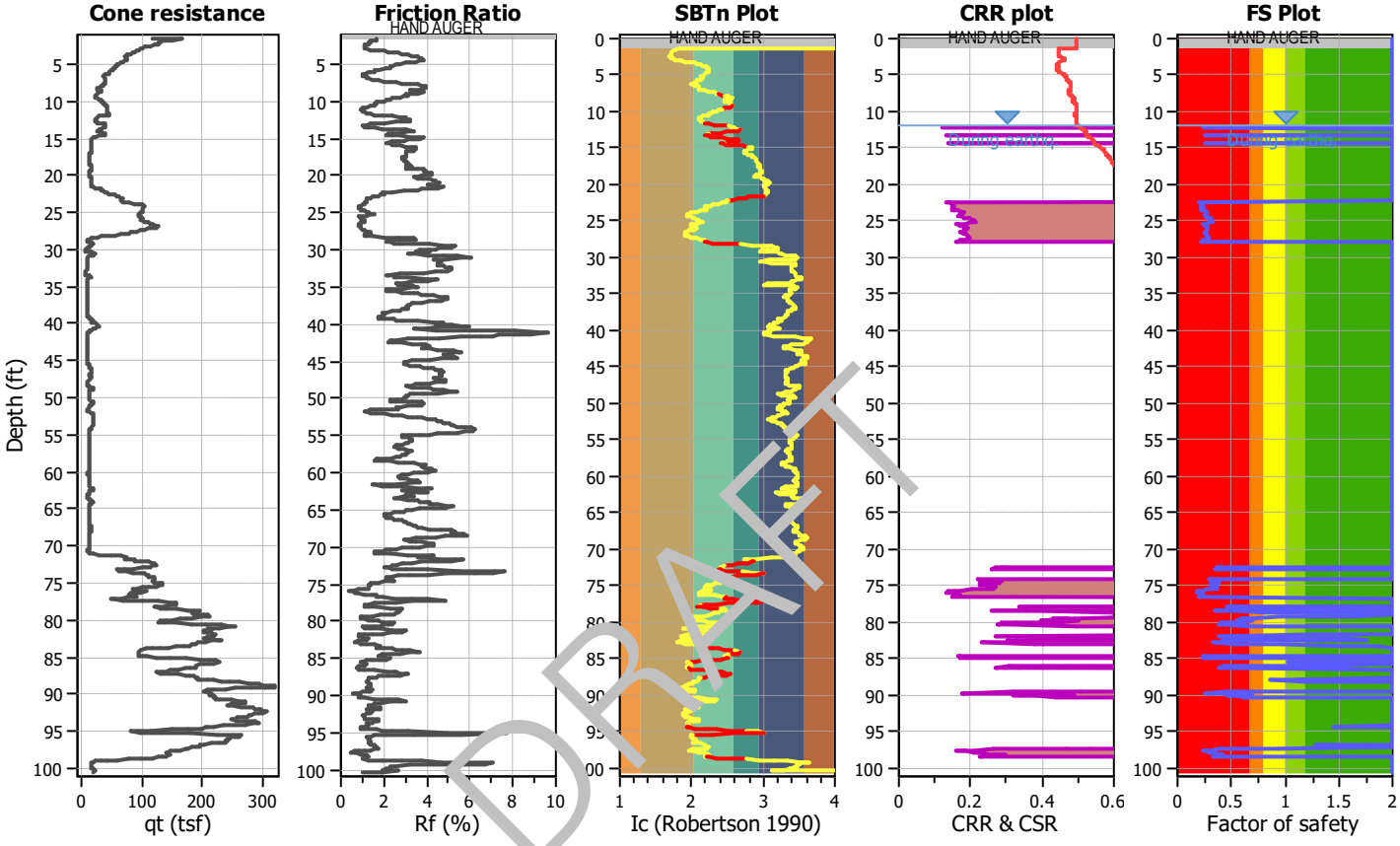
LIQUEFACTION ANALYSIS REPORT

Project title : **Location :**

CPT file : CPT-31

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	25.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	7.20	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method
Peak ground acceleration:	0.65	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



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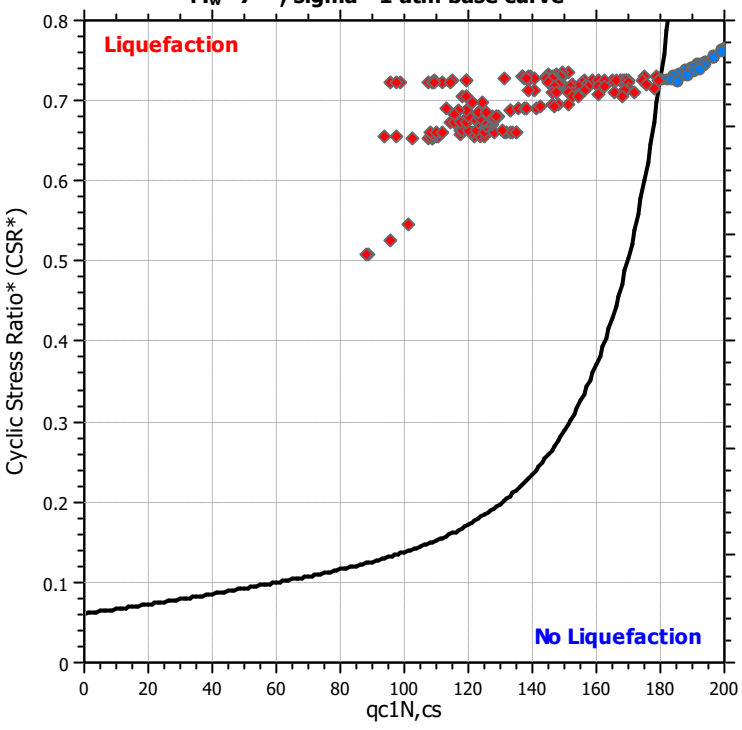
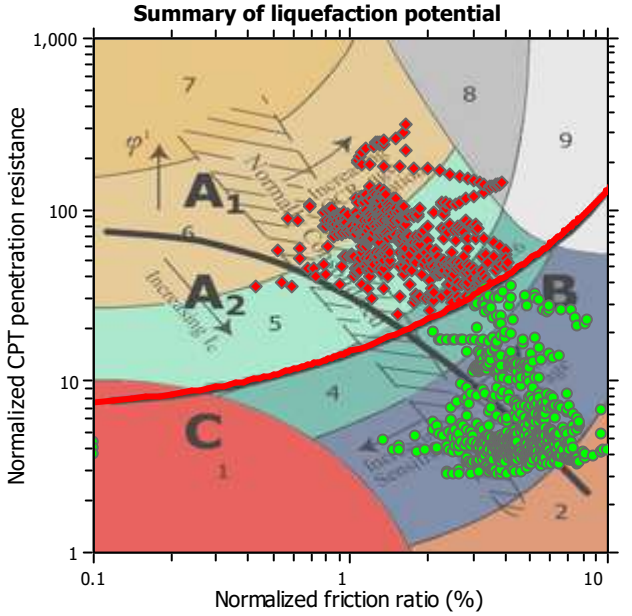
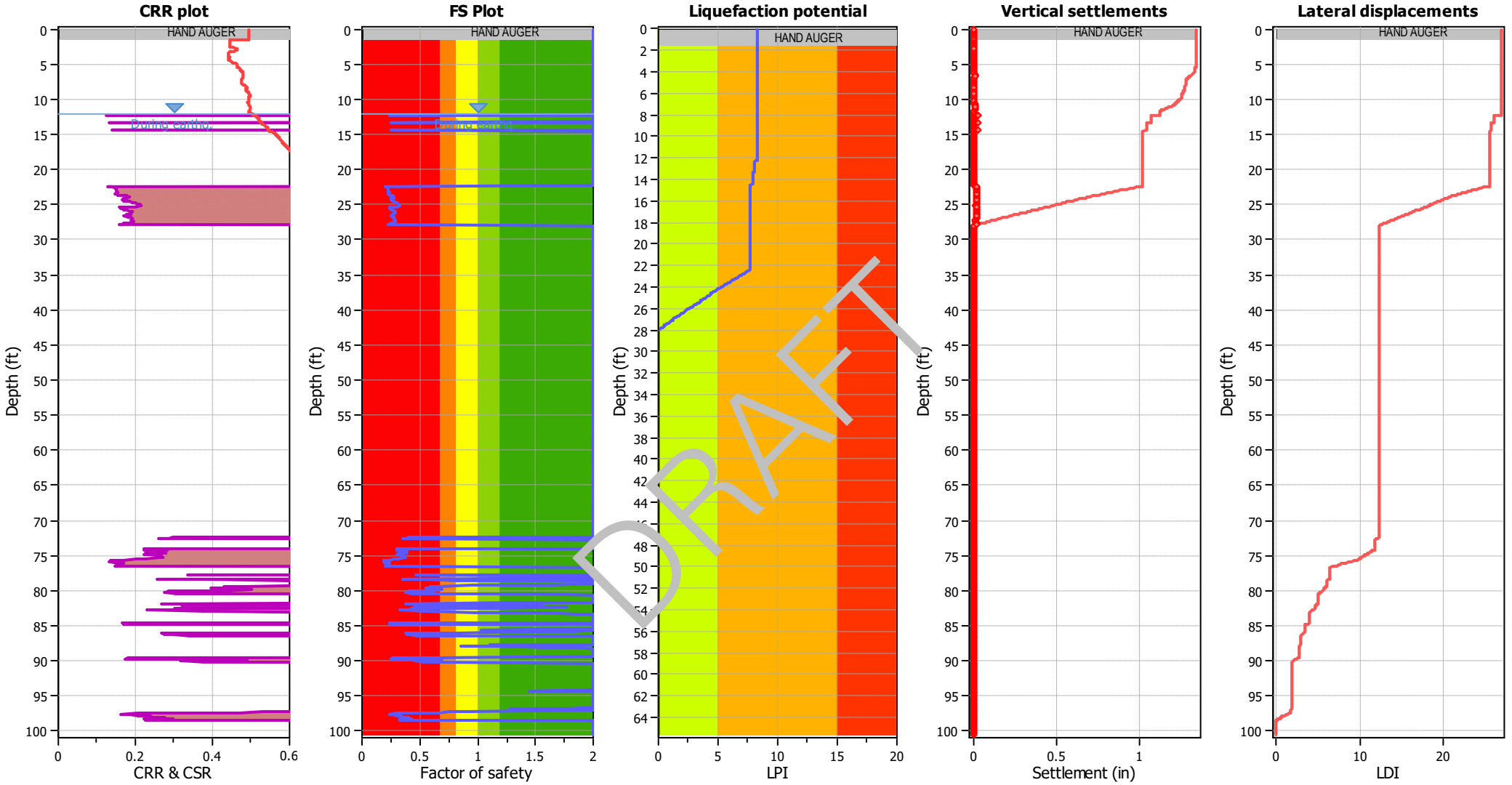




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.20	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.65	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	25.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1	CPT-31, SCEC (1999) and Robertson (2016) Screening									160	2.6	3	80	18			
2										1	1	1	1	1	C/D Type or	Results	
3	No.	Depth (ft)	Fr (%)	Ic	Qtn	q_{c1n}	Liq. settle (in)	Lat. disp. (in)	Mod SBTn C/D Value	q_{c1n} screen	I_c screen	R_f screen	C/D Value Screen	PI Screen	Liq. Settle Corrected (in)	Sum Liq (in)	Sum Liq Corrected (in)
4	1	0.08	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
5	2	0.16	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
6	3	0.25	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
7	4	0.33	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
8	5	0.41	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
9	6	0.49	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
10	7	0.57	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
11	8	0.66	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
12	9	0.74	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
13	10	0.82	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
14	11	0.9	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
15	12	0.98	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
16	13	1.07	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
17	14	1.15	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
18	15	1.23	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
19	16	1.31	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
20	17	1.39	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
21	18	1.48	0	4.1	N/A	N/A	0	0	0	1	0	1	1	1	0	1.070	0
22	19	1.56	1.63	1.8	224.57	298.4	0	0	1036	0	1	1	0	1	0	1.070	0
23	20	1.64	1.64	1.7	315.78	274.72	0	0	1495	0	1	1	0	1	0	1.070	0
24	21	1.72	1.61	1.8	285.31	232.59	0	0	1308	0	1	1	0	1	0	1.070	0
25	22	1.8	1.49	1.8	260.72	220.75	0	0	1064	0	1	1	0	1	0	1.070	0
26	23	1.89	1.34	1.7	252.35	212	0	0	893	0	1	1	0	1	0	1.070	0
27	24	1.97	1.26	1.7	248.07	211.26	0	0	813	0	1	1	0	1	0	1.070	0
28	25	2.05	1.27	1.7	245.77	209.86	0	0	813	0	1	1	0	1	0	1.070	0
29	26	2.13	1.3	1.7	245.14	206.17	0	0	834	0	1	1	0	1	0	1.070	0
30	27	2.21	1.33	1.7	243.07	209.68	0	0	850	0	1	1	0	1	0	1.070	0
31	28	2.3	1.29	1.7	240.33	204.64	0	0	809	0	1	1	0	1	0	1.070	0
32	29	2.38	1.24	1.7	233.71	199.22	0	0	749	0	1	1	0	1	0	1.070	0
33	30	2.46	1.14	1.7	225.59	192.83	0	0	656	0	1	1	0	1	0	1.070	0
34	31	2.54	1.1	1.7	216.33	183.97	0	0	604	0	1	1	0	1	0	1.070	0
35	32	2.62	1.08	1.7	204.99	175.62	0	0	560	0	1	1	0	1	0	1.070	0
36	33	2.71	1.06	1.7	195.4	163.77	0	0	522	0	1	1	0	1	0	1.070	0
37	34	2.79	1.06	1.7	187.94	159.46	0	0	500	1	1	1	0	1	0	1.070	0
38	35	2.87	1.09	1.7	184.97	156.59	0	0	506	1	1	1	0	1	0	1.070	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
39	36	2.95	1.19	1.8	183.08	156.38	0	0	551	1	1	1	0	1	0	1.070	0
40	37	3.03	1.35	1.8	181.33	154.73	0	0	635	1	1	1	0	1	0	1.070	0
41	38	3.12	1.55	1.9	178.54	152.16	0	0	753	1	1	1	0	1	0	1.070	0
42	39	3.2	1.76	1.9	175.62	149.31	0	0	899	1	1	1	0	1	0	1.070	0
43	40	3.28	2	2.0	171.96	147.31	0	0	1095	1	1	1	0	1	0	1.070	0
44	41	3.36	2.21	2.0	167.98	142.87	0	0	1291	1	1	1	0	1	0	1.070	0
45	42	3.44	2.45	2.0	162.94	139.18	0	0	1549	1	1	1	0	1	0	1.070	0
46	43	3.53	2.66	2.1	157.99	134.38	0	0	1803	1	1	1	0	1	0	1.070	0
47	44	3.61	2.86	2.1	152.82	129.68	0	0	2072	1	1	1	0	1	0	1.070	0
48	45	3.69	3.02	2.1	148.38	125.26	0	0	2305	1	1	0	0	1	0	1.070	0
49	46	3.77	3.17	2.2	144.04	121.98	0	0	2539	1	1	0	0	1	0	1.070	0
50	47	3.85	3.32	2.2	140.54	117.95	0	0	2809	1	1	0	0	1	0	1.070	0
51	48	3.94	3.45	2.2	138.24	115.48	0	0	3080	1	1	0	0	1	0	1.070	0
52	49	4.02	3.55	2.2	137.98	114.89	0	0	3344	1	1	0	0	1	0	1.070	0
53	50	4.1	3.65	2.2	138.87	115.17	0	0	3662	1	1	0	0	1	0	1.070	0
54	51	4.18	3.74	2.2	140.23	114.68	0	0	3990	1	1	0	0	1	0	1.070	0
55	52	4.26	3.82	2.2	141.46	115.04	0	0	4306	1	1	0	0	1	0	1.070	0
56	53	4.35	3.84	2.2	142.54	115.09	0	0	[illegible]	1	1	0	0	1	0	1.070	0
57	54	4.43	3.82	2.2	142.15	114.81	0	0	[illegible]	1	1	0	0	1	0	1.070	0
58	55	4.51	3.76	2.2	139.99	112.52	0	0	[illegible]	1	1	0	0	1	0	1.070	0
59	56	4.59	3.65	2.2	136.59	109.32	0	0	[illegible]	1	1	0	0	1	0	1.070	0
60	57	4.68	3.49	2.2	131.8	106.78	0	0	[illegible]	1	1	0	0	1	0	1.070	0
61	58	4.76	3.27	2.2	126.54	101.95	0	0	2397	1	1	0	0	1	0	1.070	0
62	59	4.84	3.02	2.2	121.12	97.94	0	0	1843	1	1	0	0	1	0	1.070	0
63	60	4.92	2.81	2.2	115.84	95.13	0	0	1461	1	1	1	0	1	0	1.070	0
64	61	5	2.65	2.2	111.31	90.66	0	0	1214	1	1	1	0	1	0	1.070	0
65	62	5.09	2.55	2.2	108.12	87.97	0	0	1076	1	1	1	0	1	0	1.070	0
66	63	5.17	2.44	2.2	108.11	87.85	0	0	975	1	1	1	0	1	0	1.070	0
67	64	5.25	2.36	2.1	109.64	89.4	0	0	923	1	1	1	0	1	0	1.070	0
68	65	5.33	2.28	2.1	110.21	89.92	0	0	864	1	1	1	0	1	0	1.070	0
69	66	5.41	2.27	2.1	107.23	87.65	0	0	830	1	1	1	0	1	0	1.070	0
70	67	5.5	2.35	2.2	101.74	81.92	0	0	840	1	1	1	0	1	0	1.070	0
71	68	5.58	2.32	2.2	97.73	77.21	0	0	781	1	1	1	0	1	0	1.070	0
72	69	5.66	2.09	2.1	97.09	78.32	0	0	630	1	1	1	0	1	0	1.070	0
73	70	5.74	1.8	2.1	97.3	80.2	0	0	485	1	1	1	0	1	0	1.070	0
74	71	5.82	1.66	2.1	94.97	77.55	0	0	414	1	1	1	0	1	0	1.070	0
75	72	5.91	1.61	2.1	90.51	73.14	0	0	374	1	1	1	0	1	0	1.070	0
76	73	5.99	1.53	2.1	86.41	70.14	0	0	329	1	1	1	0	1	0	1.070	0
77	74	6.07	1.43	2.1	83.09	68.35	0	0	286	1	1	1	0	1	0	1.070	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
78	75	6.15	1.29	2.1	81.35	67.58	0	0	245	1	1	1	0	1	0	1.070	0
79	76	6.23	1.15	2.0	80.39	69.04	0	0	211	1	1	1	0	1	0	1.070	0
80	77	6.32	1.01	2.0	78.94	69.72	0	0	181	1	1	1	0	1	0	1.070	0
81	78	6.4	1	2.0	74.55	67.14	0	0	167	1	1	1	0	1	0	1.070	0
82	79	6.48	1.05	2.0	69.99	58.11	0	0	162	1	1	1	0	1	0	1.070	0
83	80	6.56	1.14	2.1	65.87	56.4	0	0	164	1	1	1	0	1	0	1.070	0
84	81	6.64	1.16	2.1	64.61	54.74	0	0	164	1	1	1	0	1	0	1.070	0
85	82	6.73	1.16	2.1	64.69	54.37	0	0	164	1	1	1	0	1	0	1.070	0
86	83	6.81	1.16	2.1	66.3	56.8	0	0	169	1	1	1	0	1	0	1.070	0
87	84	6.89	1.21	2.1	68.2	59.33	0	0	183	1	1	1	0	1	0	1.070	0
88	85	6.97	1.3	2.1	69.45	58.92	0	0	204	1	1	1	0	1	0	1.070	0
89	86	7.05	1.44	2.1	69.83	58.87	0	0	235	1	1	1	0	1	0	1.070	0
90	87	7.14	1.59	2.2	69.95	58.53	0	0	270	1	1	1	0	1	0	1.070	0
91	88	7.22	1.79	2.2	69.34	57.47	0	0	322	1	1	1	0	1	0	1.070	0
92	89	7.3	2	2.2	68.35	55.41	0	0	383	1	1	1	0	1	0	1.070	0
93	90	7.38	2.3	2.3	67.26	54.27	0	0	493	1	1	1	0	1	0	1.070	0
94	91	7.46	2.57	2.3	66.96	52.84	0	0	624	1	1	1	0	1	0	1.070	0
95	92	7.55	2.84	2.3	67.46	53.18	0	0	[illegible]	1	1	1	0	1	0	1.070	0
96	93	7.63	3.06	2.4	68.1	54.19	0	0	76	1	1	0	0	1	0	1.070	0
97	94	7.71	3.29	2.4	67.72	53.51	0	0	11[illegible]	1	1	0	0	1	0	1.070	0
98	95	7.79	3.58	2.4	65.16	51.6	0	0	1439	1	1	0	0	1	0	1.070	0
99	96	7.87	3.83	2.5	61.73	47.43	0	0	[illegible]57	1	1	0	0	1	0	1.070	0
100	97	7.96	3.98	2.5	58.19	45.08	0	0	1741	1	1	0	0	1	0	1.070	0
101	98	8.04	3.98	2.5	55.44	43.37	0	0	1636	1	1	0	0	1	0	1.070	0
102	99	8.12	3.98	2.5	52.54	41.43	0	0	1526	1	1	0	0	1	0	1.070	0
103	100	8.2	4.05	2.6	49.27	38.7	0	0	1484	1	1	0	0	1	0	1.070	0
104	101	8.28	3.98	2.6	46.93	35.95	0	0	1312	1	1	0	0	1	0	1.070	0
105	102	8.37	3.71	2.5	47.13	36.5	0	0	1055	1	1	0	0	1	0	1.070	0
106	103	8.45	3.41	2.5	49.72	40.2	0	0	881	1	1	0	0	1	0	1.070	0
107	104	8.53	3.26	2.5	52.97	43.22	0	0	844	1	1	0	0	1	0	1.070	0
108	105	8.61	3.35	2.5	54.24	45.08	0	0	939	1	1	0	0	1	0	1.070	0
109	106	8.69	3.61	2.5	53.29	43.37	0	0	1143	1	1	0	0	1	0	1.070	0
110	107	8.78	3.85	2.5	50.51	40.54	0	0	1301	1	1	0	0	1	0	1.070	0
111	108	8.86	3.89	2.6	47.41	38.14	0	0	1235	1	1	0	0	1	0	1.070	0
112	109	8.94	3.66	2.6	44.54	36.18	0	0	936	1	1	0	0	1	0	1.070	0
113	110	9.02	3.32	2.5	42.1	34.47	0	0	649	1	1	0	0	1	0	1.070	0
114	111	9.1	3.14	2.5	39.86	33.2	0	0	515	1	1	0	0	1	0	1.070	0
115	112	9.19	3.1	2.6	37.73	31.3	0	0	459	1	1	0	0	1	0	1.070	0
116	113	9.27	3.16	2.6	36.08	29.45	0	0	451	1	1	0	0	1	0	1.070	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
117	114	9.35	3.05	2.6	35.4	29.09	0	0	399	1	1	0	0	1	0	1.070	0
118	115	9.43	2.84	2.5	35.99	29.86	0	0	341	1	1	1	0	1	0	1.070	0
119	116	9.51	2.63	2.5	37.69	31.4	0	0	304	1	1	1	0	1	0	1.070	0
120	117	9.6	2.46	2.5	40.11	34.06	0	0	287	1	1	1	0	1	0	1.070	0
121	118	9.68	2.36	2.4	42.45	36.85	0	0	285	1	1	1	0	1	0	1.070	0
122	119	9.76	2.26	2.4	44.11	38.18	0	0	275	1	1	1	0	1	0	1.070	0
123	120	9.84	2.16	2.4	45.15	39.02	0	0	259	1	1	1	0	1	0	1.070	0
124	121	9.92	2.05	2.4	46.19	40.11	0	0	242	1	1	1	0	1	0	1.070	0
125	122	10.01	1.92	2.3	47.77	41.56	0	0	225	1	1	1	0	1	0	1.070	0
126	123	10.09	1.79	2.3	49.21	43.88	0	0	208	1	1	1	0	1	0	1.070	0
127	124	10.17	1.68	2.3	50.71	44.73	0	0	196	1	1	1	0	1	0	1.070	0
128	125	10.25	1.62	2.3	51.75	46.28	0	0	190	1	1	1	0	1	0	1.070	0
129	126	10.33	1.62	2.3	52.91	47.24	0	0	196	1	1	1	0	1	0	1.070	0
130	127	10.42	1.63	2.3	54.05	48.07	0	0	203	1	1	1	0	1	0	1.070	0
131	128	10.5	1.63	2.3	55.01	49.54	0	0	208	1	1	1	0	1	0	1.070	0
132	129	10.58	1.56	2.2	55.95	50.1	0	0	199	1	1	1	0	1	0	1.070	0
133	130	10.66	1.43	2.2	56.8	51.26	0	0	180	1	1	1	0	1	0	1.070	0
134	131	10.74	1.26	2.2	57.09	52.92	0	0	154	1	1	1	0	1	0	1.070	0
135	132	10.83	1.1	2.1	56.52	52.34	0	0	130	1	1	1	0	1	0	1.070	0
136	133	10.91	1	2.1	55.16	51.12	0	0	115	1	1	1	0	1	0	1.070	0
137	134	10.99	0.96	2.1	54.01	50.22	0	0	108	1	1	1	0	1	0	1.070	0
138	135	11.07	0.94	2.1	53.42	49.74	0	0	104	1	1	1	0	1	0	1.070	0
139	136	11.15	0.98	2.1	53.27	49.73	0	0	108	1	1	1	0	1	0	1.070	0
140	137	11.24	1.01	2.1	53.18	49.63	0	0	111	1	1	1	0	1	0	1.070	0
141	138	11.32	1.04	2.1	52.91	49.39	0	0	113	1	1	1	0	1	0	1.070	0
142	139	11.4	1.08	2.2	52.34	48.95	0	0	116	1	1	1	0	1	0	1.070	0
143	140	11.48	1.15	2.2	52.56	47.91	0	0	125	1	1	1	0	1	0	1.070	0
144	141	11.56	1.25	2.2	54.04	49.65	0	0	142	1	1	1	0	1	0	1.070	0
145	142	11.65	1.29	2.2	57.06	52.66	0	0	158	1	1	1	0	1	0	1.070	0
146	143	11.73	1.39	2.2	58.47	56.09	0	0	179	1	1	1	0	1	0	1.070	0
147	144	11.81	1.6	2.2	56.88	53.17	0	0	211	1	1	1	0	1	0	1.070	0
148	145	11.89	1.95	2.3	51.19	47.46	0	0	254	1	1	1	0	1	0	1.070	0
149	146	11.97	2.43	2.4	44.19	39.4	0	0	320	1	1	1	0	1	0	1.070	0
150	147	12.06	2.85	2.5	38.03	33.2	0	0	374	1	1	1	0	1	0	1.070	0
151	148	12.14	3.09	2.6	34.29	30.37	0	0	393	1	1	0	0	1	0	1.070	0
152	149	12.22	3.06	2.6	32.64	29.25	0.03	0.4	354	1	0	0	0	1	0	1.070	0
153	150	12.3	2.95	2.6	31.32	28.99	0.03	0.4	300	1	0	1	0	1	0	1.040	0
154	151	12.38	2.94	2.6	30.19	27.13	0	0	280	1	0	1	0	1	0	1.010	0
155	152	12.47	3.09	2.6	29.1	26.4	0	0	299	1	0	0	0	1	0	1.010	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
156	153	12.55	3.3	2.7	28.08	25.95	0	0	336	1	0	0	0	1	0	1.010	0
157	154	12.63	3.35	2.7	27.44	24.31	0	0	336	1	0	0	0	1	0	1.010	0
158	155	12.71	3.13	2.7	27.71	24.76	0	0	284	1	0	0	0	1	0	1.010	0
159	156	12.8	2.64	2.6	29.92	27.13	0	0	212	1	1	1	0	1	0	1.010	0
160	157	12.88	2.12	2.5	33.15	30.96	0	0	158	1	1	1	0	1	0	1.010	0
161	158	12.96	1.69	2.4	36.93	34.5	0	0	126	1	1	1	0	1	0	1.010	0
162	159	13.04	1.39	2.3	40.62	38.58	0	0	110	1	1	1	0	1	0	1.010	0
163	160	13.12	1.18	2.2	43.66	42.25	0	0	100	1	1	1	0	1	0	1.010	0
164	161	13.21	1.06	2.2	45.27	43.96	0	0	93	1	1	1	0	1	0	1.010	0
165	162	13.29	1.05	2.2	45.3	43.75	0.03	0.34	93	1	1	1	0	1	0	1.010	0
166	163	13.37	1.07	2.2	44.62	42.59	0	0	93	1	1	1	0	1	0	0.980	0
167	164	13.45	1.17	2.2	43.88	42.09	0	0	99	1	1	1	0	1	0	0.980	0
168	165	13.53	1.32	2.3	43.13	41.44	0	0	112	1	1	1	0	1	0	0.980	0
169	166	13.62	1.61	2.3	41.71	40.13	0	0	140	1	1	1	0	1	0	0.980	0
170	167	13.7	2.02	2.4	38.82	37.52	0	0	184	1	1	1	0	1	0	0.980	0
171	168	13.78	2.55	2.5	35.08	32.73	0	0	254	1	1	1	0	1	0	0.980	0
172	169	13.86	3.12	2.6	31.72	29.15	0	0	355	1	0	0	0	1	0	0.980	0
173	170	13.94	3.49	2.7	30.62	27.82	0	0	1	0	0	0	1	0	0.980	0	
174	171	14.03	3.49	2.6	31.58	29.57	0	0	83	1	0	0	0	1	0	0.980	0
175	172	14.11	3.2	2.6	33.71	31.97	0	0	4	1	0	0	0	1	0	0.980	0
176	173	14.19	2.8	2.5	36.52	34.12	0	0	33	1	1	1	0	1	0	0.980	0
177	174	14.27	2.46	2.5	39.65	37.97	0	0	82	1	1	1	0	1	0	0.980	0
178	175	14.35	2.23	2.4	42.36	41.32	0	0	252	1	1	1	0	1	0	0.980	0
179	176	14.44	2.14	2.4	43.49	42.27	0.02	0.3	242	1	1	1	0	1	0	0.980	0
180	177	14.52	2.2	2.4	41.65	41.5	0	0	240	1	1	1	0	1	0	0.960	0
181	178	14.6	2.42	2.5	37.05	36.29	0	0	246	1	1	1	0	1	0	0.960	0
182	179	14.68	2.81	2.6	31.02	29.16	0	0	262	1	1	1	0	1	0	0.960	0
183	180	14.76	3.38	2.7	25.4	24.31	0	0	298	1	0	0	0	1	0	0.960	0
184	181	14.85	3.82	2.8	21.7	20.24	0	0	307	1	0	0	0	1	0	0.960	0
185	182	14.93	4.04	2.9	19.39	18.71	0	0	276	1	0	0	0	1	0	0.960	0
186	183	15.01	3.88	2.9	18.34	17.83	0	0	205	1	0	0	0	1	0	0.960	0
187	184	15.09	3.6	2.8	17.75	17.4	0	0	146	1	0	0	0	1	0	0.960	0
188	185	15.17	3.28	2.8	17.46	17.21	0	0	105	1	0	0	0	1	0	0.960	0
189	186	15.26	3.09	2.8	17.31	17.14	0	0	87	1	0	0	0	1	0	0.960	0
190	187	15.34	2.77	2.8	17.2	17.08	0	0	64	1	0	1	1	1	0	0.960	0
191	188	15.42	2.51	2.8	17.16	17.07	0	0	51	1	0	1	1	1	0	0.960	0
192	189	15.5	2.25	2.7	17.16	17.22	0	0	40	1	0	1	1	1	0	0.960	0
193	190	15.58	2.21	2.7	17.18	17.27	0	0	39	1	0	1	1	1	0	0.960	0
194	191	15.67	2.26	2.7	17.15	17.24	0	0	40	1	0	1	1	1	0	0.960	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
195	192	15.75	2.39	2.8	17.11	17.21	0	0	45	1	0	1	1	1	0	0.960	0
196	193	15.83	2.55	2.8	17.14	17.18	0	0	52	1	0	1	1	1	0	0.960	0
197	194	15.91	2.72	2.8	17.11	17.34	0	0	60	1	0	1	1	1	0	0.960	0
198	195	15.99	2.93	2.8	17.05	17.16	0	0	71	1	0	1	1	1	0	0.960	0
199	196	16.08	3.22	2.8	16.9	17.06	0	0	89	1	0	0	0	1	0	0.960	0
200	197	16.16	3.5	2.9	16.88	16.99	0	0	112	1	0	0	0	1	0	0.960	0
201	198	16.24	3.71	2.9	16.85	17.14	0	0	133	1	0	0	0	1	0	0.960	0
202	199	16.32	3.73	2.9	16.74	17.09	0	0	131	1	0	0	0	1	0	0.960	0
203	200	16.4	3.71	2.9	16.24	16.81	0	0	114	1	0	0	0	1	0	0.960	0
204	201	16.49	3.65	2.9	15.6	15.81	0	0	90	1	0	0	0	1	0	0.960	0
205	202	16.57	3.64	2.9	14.98	15.35	0	0	71	1	0	0	1	1	0	0.960	0
206	203	16.65	3.54	2.9	14.7	15.1	0	0	58	1	0	0	1	1	0	0.960	0
207	204	16.73	3.4	2.9	14.46	15.08	0	0	46	1	0	0	1	1	0	0.960	0
208	205	16.81	3.26	2.9	14.19	14.71	0	0	35	1	0	0	1	1	0	0.960	0
209	206	16.9	3.21	2.9	13.76	14.38	0	0	25	1	0	0	1	1	0	0.960	0
210	207	16.98	3.25	2.9	13.4	13.9	0	0	19	1	0	0	1	1	0	0.960	0
211	208	17.06	3.3	2.9	13.09	13.7	0	0	13	1	0	0	1	1	0	0.960	0
212	209	17.14	3.27	2.9	12.87	13.53	0	0	8	1	0	0	1	1	0	0.960	0
213	210	17.22	3.24	2.9	12.7	13.31	0	0	4	1	0	0	1	1	0	0.960	0
214	211	17.31	3.24	2.9	12.52	13.26	0	0	0	1	0	0	1	1	0	0.960	0
215	212	17.39	3.24	2.9	12.37	13.08	0	0	-3	1	0	0	1	1	0	0.960	0
216	213	17.47	3.17	2.9	12.23	12.92	0	0	-5	1	0	0	1	1	0	0.960	0
217	214	17.55	3.1	2.9	12.08	12.91	0	0	-8	1	0	0	1	1	0	0.960	0
218	215	17.63	3.09	2.9	11.82	12.68	0	0	-12	1	0	0	1	1	0	0.960	0
219	216	17.72	3.14	3.0	11.48	12.18	0	0	-19	1	0	0	1	1	0	0.960	0
220	217	17.8	3.17	3.0	11.33	11.94	0	0	-23	1	0	0	1	1	0	0.960	0
221	218	17.88	3.15	3.0	11.42	12.28	0	0	-20	1	0	0	1	1	0	0.960	0
222	219	17.96	3.14	3.0	11.58	12.47	0	0	-17	1	0	0	1	1	0	0.960	0
223	220	18.04	3.19	3.0	11.63	12.47	0	0	-17	1	0	0	1	1	0	0.960	0
224	221	18.13	3.24	3.0	11.64	12.48	0	0	-18	1	0	0	1	1	0	0.960	0
225	222	18.21	3.31	3.0	11.6	12.54	0	0	-20	1	0	0	1	1	0	0.960	0
226	223	18.29	3.35	3.0	11.62	12.4	0	0	-20	1	0	0	1	1	0	0.960	0
227	224	18.37	3.4	3.0	11.63	12.55	0	0	-20	1	0	0	1	1	0	0.960	0
228	225	18.45	3.33	3.0	11.8	12.61	0	0	-15	1	0	0	1	1	0	0.960	0
229	226	18.54	3.31	3.0	12.1	12.94	0	0	-9	1	0	0	1	1	0	0.960	0
230	227	18.62	3.45	3.0	12.56	13.49	0	0	1	1	0	0	1	1	0	0.960	0
231	228	18.7	3.52	2.9	13.29	14.06	0	0	21	1	0	0	1	1	0	0.960	0
232	229	18.78	3.44	2.9	14.06	15.26	0	0	38	1	0	0	1	1	0	0.960	0
233	230	18.86	3.2	2.9	14.64	16.01	0	0	42	1	0	0	1	1	0	0.960	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
234	231	18.95	3.2	2.9	14.75	16	0	0	45	1	0	0	1	1	0	0.960	0
235	232	19.03	3.5	2.9	14.37	15.73	0	0	48	1	0	0	1	1	0	0.960	0
236	233	19.11	3.88	3.0	13.91	14.91	0	0	49	1	0	0	1	1	0	0.960	0
237	234	19.19	4.16	3.0	13.4	14.64	0	0	40	1	0	0	1	1	0	0.960	0
238	235	19.27	4.19	3.0	13.14	14.11	0	0	29	1	0	0	1	1	0	0.960	0
239	236	19.36	4.21	3.0	12.76	14.03	0	0	12	1	0	0	1	1	0	0.960	0
240	237	19.44	4.22	3.0	12.31	13.41	0	0	-9	1	0	0	1	1	0	0.960	0
241	238	19.52	4.31	3.0	11.7	12.75	0	0	-40	1	0	0	1	1	0	0.960	0
242	239	19.6	4.44	3.1	11.12	12.22	0	0	-76	1	0	0	1	1	0	0.960	0
243	240	19.68	4.59	3.1	10.61	11.72	0	0	-118	1	0	0	1	1	0	0.960	0
244	241	19.77	4.61	3.1	10.27	11.27	0	0	-142	1	0	0	1	1	0	0.960	0
245	242	19.85	4.43	3.1	10.13	11.23	0	0	-130	1	0	0	1	1	0	0.960	0
246	243	19.93	4.18	3.1	10.15	11.31	0	0	-106	1	0	0	1	1	0	0.960	0
247	244	20.01	3.93	3.1	10.3	11.36	0	0	-80	1	0	0	1	1	0	0.960	0
248	245	20.09	3.77	3.0	10.61	11.76	0	0	-61	1	0	0	1	1	0	0.960	0
249	246	20.18	3.68	3.0	11.14	12.29	0	0	-40	1	0	0	1	1	0	0.960	0
250	247	20.26	3.72	3.0	11.67	13.03	0	0	-25	1	0	0	1	1	0	0.960	0
251	248	20.34	3.87	3.0	12.03	13.47	0	0	-16	1	0	0	1	1	0	0.960	0
252	249	20.42	4.13	3.0	12.22	13.48	0	0	-12	1	0	0	1	1	0	0.960	0
253	250	20.5	4.41	3.0	12.31	13.75	0	0	-10	1	0	0	1	1	0	0.960	0
254	251	20.59	4.66	3.0	12.36	13.89	0	0	-9	1	0	0	1	1	0	0.960	0
255	252	20.67	4.74	3.0	12.31	13.75	0	0	-13	1	0	0	1	1	0	0.960	0
256	253	20.75	4.78	3.0	12.38	13.7	0	0	-9	1	0	0	1	1	0	0.960	0
257	254	20.83	4.75	3.0	12.42	14.19	0	0	-6	1	0	0	1	1	0	0.960	0
258	255	20.92	4.93	3.1	12.19	14	0	0	-25	1	0	0	1	1	0	0.960	0
259	256	21	5.01	3.1	11.81	13.07	0	0	-60	1	0	0	1	1	0	0.960	0
260	257	21.08	4.93	3.1	11.57	13.02	0	0	-76	1	0	0	1	1	0	0.960	0
261	258	21.16	4.61	3.1	11.8	13.28	0	0	-44	1	0	0	1	1	0	0.960	0
262	259	21.24	4.37	3.0	12.2	13.85	0	0	-16	1	0	0	1	1	0	0.960	0
263	260	21.33	4.47	3.0	12.36	14.42	0	0	-8	1	0	0	1	1	0	0.960	0
264	261	21.41	4.82	3.0	12.5	14	0	0	0	1	0	0	1	1	0	0.960	0
265	262	21.49	5.17	3.1	12.98	14.6	0	0	47	1	0	0	1	1	0	0.960	0
266	263	21.57	5.11	3.0	14.41	16.2	0	0	180	1	0	0	0	1	0	0.960	0
267	264	21.65	4.73	2.9	16.5	18.82	0	0	280	1	0	0	0	1	0	0.960	0
268	265	21.74	4.26	2.9	18.87	21.61	0	0	305	1	0	0	0	1	0	0.960	0
269	266	21.82	3.9	2.8	21.48	24.1	0	0	320	1	0	0	0	1	0	0.960	0
270	267	21.9	3.76	2.8	23.67	27.31	0	0	355	1	0	0	0	1	0	0.960	0
271	268	21.98	3.48	2.7	25.68	28.83	0	0	331	1	0	0	0	1	0	0.960	0
272	269	22.06	3.09	2.7	27.13	30.65	0	0	264	1	0	0	0	1	0	0.960	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
273	270	22.15	2.47	2.6	28.54	31.96	0	0	168	1	1	1	0	1	0	0.960	0
274	271	22.23	2.12	2.5	29.63	33.08	0	0	131	1	1	1	0	1	0	0.960	0
275	272	22.31	1.96	2.5	30.55	33.94	0	0	119	1	1	1	0	1	0	0.960	0
276	273	22.39	2.03	2.5	32.04	34.83	0.02	0.35	138	1	1	1	0	1	0	0.960	0
277	274	22.47	2.08	2.5	34.71	38.05	0.02	0.32	164	1	1	1	0	1	0	0.940	0
278	275	22.56	2.01	2.4	38.75	42.72	0.02	0.29	182	1	1	1	0	1	0	0.920	0
279	276	22.64	1.88	2.4	42.43	47.94	0.02	0.26	184	1	1	1	0	1	0	0.900	0
280	277	22.72	1.74	2.3	44.83	49.83	0.02	0.25	175	1	1	1	0	1	0	0.880	0
281	278	22.8	1.64	2.3	45.78	50.32	0.02	0.25	164	1	1	1	0	1	0	0.860	0
282	279	22.88	1.54	2.3	46.42	50.91	0.02	0.25	152	1	1	1	0	1	0	0.840	0
283	280	22.97	1.42	2.3	47.58	51.79	0.02	0.25	141	1	1	1	0	1	0	0.820	0
284	281	23.05	1.3	2.2	49.18	53.85	0.02	0.25	132	1	1	1	0	1	0	0.800	0
285	282	23.13	1.22	2.2	50.77	55.79	0.02	0.24	127	1	1	1	0	1	0	0.780	0
286	283	23.21	1.19	2.2	51.35	56.74	0.02	0.24	125	1	1	1	0	1	0	0.760	0
287	284	23.29	1.19	2.2	50.8	55.74	0.02	0.24	124	1	1	1	0	1	0	0.740	0
288	285	23.38	1.21	2.2	49.74	54.2	0.02	0.25	123	1	1	1	0	1	0	0.720	0
289	286	23.46	1.22	2.2	49.66	53.57	0.02	0.25	123	1	1	1	0	1	0	0.700	0
290	287	23.54	1.22	2.2	51.14	55.73	0.02	0.24	[illegible]	1	1	1	0	1	0	0.680	0
291	288	23.62	1.19	2.2	55.09	59.08	0.02	0.23	38	1	1	1	0	1	0	0.660	0
292	289	23.7	1.14	2.1	60.64	66.24	0.02	0.2	[illegible]	1	1	1	0	1	0	0.640	0
293	290	23.79	1.1	2.1	66.84	73.38	0.02	0.18	161	1	1	1	0	1	0	0.620	0
294	291	23.87	1.05	2.0	72.33	78.7	0.02	0.18	169	1	1	1	0	1	0	0.600	0
295	292	23.95	1	2.0	76.22	83.47	0.01	0.17	172	1	1	1	0	1	0	0.580	0
296	293	24.03	0.95	2.0	78.99	85.33	0.02	0.18	171	1	1	1	0	1	0	0.570	0
297	294	24.11	0.91	2.0	80.12	86.96	0.02	0.18	167	1	1	1	0	1	0	0.550	0
298	295	24.2	0.86	2.0	80.37	86.49	0.02	0.2	160	1	1	1	0	1	0	0.530	0
299	296	24.28	0.85	2.0	79.45	85.73	0.02	0.2	156	1	1	1	0	1	0	0.510	0
300	297	24.36	0.87	2.0	78.05	84.09	0.02	0.2	156	1	1	1	0	1	0	0.490	0
301	298	24.44	0.92	2.0	76.59	82.63	0.02	0.19	160	1	1	1	0	1	0	0.470	0
302	299	24.52	0.97	2.0	75.69	82.08	0.01	0.18	165	1	1	1	0	1	0	0.450	0
303	300	24.61	1.03	2.0	75.4	82.27	0.01	0.17	174	1	1	1	0	1	0	0.440	0
304	301	24.69	1.09	2.0	75.48	82.77	0.01	0.16	185	1	1	1	0	1	0	0.430	0
305	302	24.77	1.16	2.1	75.16	83.42	0.01	0.15	197	1	1	1	0	1	0	0.420	0
306	303	24.85	1.23	2.1	74.49	82.3	0.01	0.14	208	1	1	1	0	1	0	0.410	0
307	304	24.93	1.29	2.1	73.49	81.65	0.01	0.14	217	1	1	1	0	1	0	0.400	0
308	305	25.02	1.34	2.1	72.71	81.12	0.01	0.14	224	1	1	1	0	1	0	0.390	0
309	306	25.1	1.4	2.1	71.48	80.51	0.01	0.13	232	1	1	1	0	1	0	0.380	0
310	307	25.18	1.56	2.2	69.68	78.33	0.01	0.13	262	1	1	1	0	1	0	0.370	0
311	308	25.26	1.4	2.1	68.54	76.28	0.01	0.15	221	1	1	1	0	1	0	0.360	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
312	309	25.34	1.17	2.1	68.44	75.75	0.01	0.17	177	1	1	1	0	1	0	0.350	0
313	310	25.43	0.85	2.0	69.67	75.73	0.02	0.22	133	1	1	1	0	1	0	0.340	0
314	311	25.51	0.86	2.0	70.49	77.08	0.02	0.21	136	1	1	1	0	1	0	0.320	0
315	312	25.59	0.89	2.0	71.31	78.01	0.02	0.2	142	1	1	1	0	1	0	0.300	0
316	313	25.67	0.92	2.0	72.02	78.92	0.01	0.19	148	1	1	1	0	1	0	0.280	0
317	314	25.75	0.92	2.0	73.23	79.75	0.01	0.19	151	1	1	1	0	1	0	0.270	0
318	315	25.84	0.95	2.0	73.79	82.16	0.01	0.18	157	1	1	1	0	1	0	0.260	0
319	316	25.92	1.03	2.0	73.5	81.35	0.01	0.17	169	1	1	1	0	1	0	0.250	0
320	317	26	1.12	2.1	72.19	80.06	0.01	0.16	180	1	1	1	0	1	0	0.240	0
321	318	26.08	1.15	2.1	71.79	79.17	0.01	0.16	184	1	1	1	0	1	0	0.230	0
322	319	26.16	1.1	2.0	73.01	80.52	0.01	0.16	179	1	1	1	0	1	0	0.220	0
323	320	26.25	1.02	2.0	75.82	83.58	0.01	0.16	174	1	1	1	0	1	0	0.210	0
324	321	26.33	0.97	2.0	78.78	87.33	0.01	0.16	173	1	1	1	0	1	0	0.200	0
325	322	26.41	0.94	2.0	81.15	89.26	0.01	0.17	174	1	1	1	0	1	0	0.190	0
326	323	26.49	0.9	1.9	83.19	90.51	0.01	0.18	173	1	1	1	0	1	0	0.180	0
327	324	26.57	0.86	1.9	85.02	93.09	0.01	0.18	171	1	1	1	0	1	0	0.170	0
328	325	26.66	0.85	1.9	87.68	94.25	0.01	0.19	175	1	1	1	0	1	0	0.160	0
329	326	26.74	0.88	1.9	90.4	98.75	0.01	0.18	[illegible]	1	1	1	0	1	0	0.150	0
330	327	26.82	0.89	1.9	92.84	102.14	0.01	0.16	95	1	1	1	0	1	0	0.140	0
331	328	26.9	0.9	1.9	93.49	102.59	0.01	0.16	[illegible]	1	1	1	0	1	0	0.130	0
332	329	26.98	0.91	1.9	91.89	101.28	0.01	0.16	[illegible]	1	1	1	0	1	0	0.120	0
333	330	27.07	0.93	1.9	88.63	97.49	0.01	0.16	[illegible]	1	1	1	0	1	0	0.110	0
334	331	27.15	0.96	2.0	83.99	92.94	0.01	0.16	185	1	1	1	0	1	0	0.100	0
335	332	27.23	1.01	2.0	79.59	87.39	0.01	0.16	182	1	1	1	0	1	0	0.090	0
336	333	27.31	1.06	2.0	75.93	84.45	0.01	0.16	181	1	1	1	0	1	0	0.080	0
337	334	27.39	1.11	2.1	72.77	82.17	0.01	0.15	180	1	1	1	0	1	0	0.070	0
338	335	27.48	1.19	2.1	68.65	78.13	0.01	0.1	181	1	1	1	0	1	0	0.060	0
339	336	27.56	1.28	2.1	63.88	71.97	0.01	0.17	181	1	1	1	0	1	0	0.050	0
340	337	27.64	1.36	2.2	59.18	67.51	0.01	0.18	177	1	1	1	0	1	0	0.040	0
341	338	27.72	1.37	2.2	55.93	63.25	0.01	0.19	166	1	1	1	0	1	0	0.030	0
342	339	27.8	1.28	2.2	53.29	61.32	0.01	0.21	143	1	1	1	0	1	0	0.020	0
343	340	27.89	1.17	2.2	49.45	58.19	0.01	0.22	117	1	1	1	0	1	0	0.010	0
344	341	27.97	1.09	2.2	43.9	49.96	0	0	92	1	1	1	0	1	0	0.000	0
345	342	28.05	1.11	2.3	36.71	42.62	0	0	72	1	1	1	1	1	0	0.000	0
346	343	28.13	1.22	2.4	30.24	34.68	0	0	59	1	1	1	1	1	0	0.000	0
347	344	28.21	1.51	2.5	24.54	29.11	0	0	53	1	1	1	1	1	0	0.000	0
348	345	28.3	2.09	2.7	19.44	24.51	0	0	52	1	0	1	1	1	0	0.000	0
349	346	28.38	2.87	2.9	14.87	18.5	0	0	35	1	0	1	1	1	0	0.000	0
350	347	28.46	3.74	3.0	11.26	14.05	0	0	-39	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
351	348	28.54	3.94	3.1	8.67	11.37	0	0	-141	1	0	0	1	1	0	0.000	0
352	349	28.63	3.52	3.2	6.86	9.15	0	0	-147	1	0	0	1	1	0	0.000	0
353	350	28.71	2.7	3.2	5.63	7.52	0	0	-88	1	0	1	1	1	0	0.000	0
354	351	28.79	2.55	3.2	5.18	6.97	0	0	-82	1	0	1	1	1	0	0.000	0
355	352	28.87	2.77	3.2	5.38	7.5	0	0	-97	1	0	1	1	1	0	0.000	0
356	353	28.95	2.62	3.1	7.48	8.2	0	0	-60	1	0	1	1	1	0	0.000	0
357	354	29.04	2.72	3.0	9.61	14.41	0	0	-38	1	0	1	1	1	0	0.000	0
358	355	29.12	3.04	3.0	11.11	15.24	0	0	-24	1	0	0	1	1	0	0.000	0
359	356	29.2	3.79	3.0	10.46	13.79	0	0	-66	1	0	0	1	1	0	0.000	0
360	357	29.28	4.6	3.1	9.29	12.22	0	0	-202	1	0	0	1	1	0	0.000	0
361	358	29.36	5.39	3.2	8.44	11.08	0	0	-476	1	0	0	1	1	0	0.000	0
362	359	29.45	5.84	3.2	8.29	10.71	0	0	-695	1	0	0	1	1	0	0.000	0
363	360	29.53	6.04	3.3	8.1	11.67	0	0	-845	1	0	0	1	1	0	0.000	0
364	361	29.61	5.84	3.3	7.54	10.41	0	0	-819	1	0	0	1	1	0	0.000	0
365	362	29.69	5.78	3.3	6.34	8.7	0	0	-972	1	0	0	1	1	0	0.000	0
366	363	29.77	5.6	3.4	5.18	7.37	0	0	-1007	1	0	0	1	1	0	0.000	0
367	364	29.86	5.55	3.5	4.35	6.25	0	0	-1080	1	0	0	1	1	0	0.000	0
368	365	29.94	5.27	3.5	3.83	5.71	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
369	366	30.02	4.82	3.5	3.6	5.48	0	0	-[illegible]68	1	0	0	1	1	0	0.000	0
370	367	30.1	4.59	3.5	3.55	5.43	0	0	-5[illegible]0	1	0	0	1	1	0	0.000	0
371	368	30.18	4.8	3.5	3.68	5.5	0	0	-652	1	0	0	1	1	0	0.000	0
372	369	30.27	5.14	3.4	4.24	5.89	0	0	-[illegible]97	1	0	0	1	1	0	0.000	0
373	370	30.35	4.44	3.3	6.08	7.41	0	0	-356	1	0	0	1	1	0	0.000	0
374	371	30.43	3.7	3.1	9.04	12.1	0	0	-105	1	0	0	1	1	0	0.000	0
375	372	30.51	3.41	3.0	12.23	16.67	0	0	-6	1	0	0	1	1	0	0.000	0
376	373	30.59	3.78	3.0	13.66	19.26	0	0	37	1	0	0	1	1	0	0.000	0
377	374	30.68	4.42	3.0	12.67	17.54	0	0	9	1	0	0	1	1	0	0.000	0
378	375	30.76	5.29	3.1	10.45	13.18	0	0	-222	1	0	0	1	1	0	0.000	0
379	376	30.84	6.18	3.3	8.03	11.09	0	0	-953	1	0	0	1	1	0	0.000	0
380	377	30.92	6.96	3.4	6.5	8.65	0	0	-2262	1	0	0	1	1	0	0.000	0
381	378	31	7.35	3.4	5.44	7.56	0	0	-3516	1	0	0	1	1	0	0.000	0
382	379	31.09	6.83	3.5	5	7.2	0	0	-2575	1	0	0	1	1	0	0.000	0
383	380	31.17	6	3.4	4.87	7.01	0	0	-1421	1	0	0	1	1	0	0.000	0
384	381	31.25	5.43	3.4	4.86	7.01	0	0	-923	1	0	0	1	1	0	0.000	0
385	382	31.33	5.31	3.4	4.93	7.14	0	0	-834	1	0	0	1	1	0	0.000	0
386	383	31.41	5.51	3.4	4.98	7.24	0	0	-966	1	0	0	1	1	0	0.000	0
387	384	31.5	5.68	3.4	4.99	7.21	0	0	-1099	1	0	0	1	1	0	0.000	0
388	385	31.58	5.75	3.4	5	7.19	0	0	-1157	1	0	0	1	1	0	0.000	0
389	386	31.66	5.63	3.4	5.01	7.28	0	0	-1055	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
390	387	31.74	5.52	3.4	5.02	7.29	0	0	-968	1	0	0	1	1	0	0.000	0
391	388	31.82	5.49	3.4	4.97	7.26	0	0	-953	1	0	0	1	1	0	0.000	0
392	389	31.91	5.51	3.4	4.87	7.1	0	0	-980	1	0	0	1	1	0	0.000	0
393	390	31.99	5.58	3.4	4.74	6.93	0	0	-1052	1	0	0	1	1	0	0.000	0
394	391	32.07	5.72	3.4	4.61	6.76	0	0	-1190	1	0	0	1	1	0	0.000	0
395	392	32.15	5.92	3.5	4.53	6.6	0	0	-1398	1	0	0	1	1	0	0.000	0
396	393	32.23	6.13	3.5	4.53	6.6	0	0	-1636	1	0	0	1	1	0	0.000	0
397	394	32.32	6.24	3.5	4.62	6.66	0	0	-1756	1	0	0	1	1	0	0.000	0
398	395	32.4	6.33	3.5	4.69	6.8	0	0	-1860	1	0	0	1	1	0	0.000	0
399	396	32.48	6.36	3.5	4.71	6.79	0	0	-1897	1	0	0	1	1	0	0.000	0
400	397	32.56	6.44	3.5	4.63	6.71	0	0	-2033	1	0	0	1	1	0	0.000	0
401	398	32.64	6.45	3.5	4.46	6.56	0	0	-2092	1	0	0	1	1	0	0.000	0
402	399	32.73	6.51	3.5	4.19	6.2	0	0	-2260	1	0	0	1	1	0	0.000	0
403	400	32.81	6.44	3.5	3.91	5.79	0	0	-2219	1	0	0	1	1	0	0.000	0
404	401	32.89	6.13	3.5	3.68	5.55	0	0	-1811	1	0	0	1	1	0	0.000	0
405	402	32.97	5.79	3.5	3.54	5.28	0	0	-1425	1	0	0	1	1	0	0.000	0
406	403	33.05	5.15	3.5	3.47	5.18	0	0	-878	1	0	0	1	1	0	0.000	0
407	404	33.14	4.42	3.5	3.43	5.15	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
408	405	33.22	3.62	3.4	3.4	5.04	0	0	-[illegible]57	1	0	0	1	1	0	0.000	0
409	406	33.3	2.93	3.4	3.36	4.97	0	0	-[illegible]	1	0	1	1	1	0	0.000	0
410	407	33.38	2.84	3.4	3.37	4.91	0	0	-[illegible]	1	0	1	1	1	0	0.000	0
411	408	33.46	3.33	3.4	3.77	4.98	0	0	-[illegible]93	1	0	0	1	1	0	0.000	0
412	409	33.55	3.12	3.2	5.62	6.25	0	0	-127	1	0	0	1	1	0	0.000	0
413	410	33.63	2.85	3.1	7.95	11.49	0	0	-67	1	0	1	1	1	0	0.000	0
414	411	33.71	2.87	3.0	9.12	13.86	0	0	-50	1	0	1	1	1	0	0.000	0
415	412	33.79	3.59	3.1	8.01	11.28	0	0	-124	1	0	0	1	1	0	0.000	0
416	413	33.87	4.79	3.3	6.07	8.12	0	0	-471	1	0	0	1	1	0	0.000	0
417	414	33.96	5.58	3.4	4.75	6.85	0	0	-1050	1	0	0	1	1	0	0.000	0
418	415	34.04	5.62	3.5	4.18	6.2	0	0	-1163	1	0	0	1	1	0	0.000	0
419	416	34.12	5.26	3.5	3.88	5.77	0	0	-913	1	0	0	1	1	0	0.000	0
420	417	34.2	4.89	3.5	3.75	5.4	0	0	-694	1	0	0	1	1	0	0.000	0
421	418	34.28	4.31	3.4	3.77	5.43	0	0	-436	1	0	0	1	1	0	0.000	0
422	419	34.37	3.79	3.4	3.87	5.59	0	0	-281	1	0	0	1	1	0	0.000	0
423	420	34.45	3.45	3.4	3.89	5.66	0	0	-211	1	0	0	1	1	0	0.000	0
424	421	34.53	3.32	3.4	3.89	5.51	0	0	-189	1	0	0	1	1	0	0.000	0
425	422	34.61	3.49	3.4	3.89	5.59	0	0	-218	1	0	0	1	1	0	0.000	0
426	423	34.69	3.68	3.4	4.02	5.64	0	0	-252	1	0	0	1	1	0	0.000	0
427	424	34.78	3.93	3.4	4.15	5.86	0	0	-305	1	0	0	1	1	0	0.000	0
428	425	34.86	4.17	3.4	4.28	6.01	0	0	-366	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
429	426	34.94	4.4	3.4	4.35	6.11	0	0	-437	1	0	0	1	1	0	0.000	0
430	427	35.02	4.5	3.4	4.39	6.19	0	0	-472	1	0	0	1	1	0	0.000	0
431	428	35.1	4.18	3.4	4.41	6.24	0	0	-363	1	0	0	1	1	0	0.000	0
432	429	35.19	3.64	3.3	4.37	6.26	0	0	-234	1	0	0	1	1	0	0.000	0
433	430	35.27	2.95	3.3	4.28	6.1	0	0	-131	1	0	1	1	1	0	0.000	0
434	431	35.35	2.68	3.3	4.21	5.96	0	0	-105	1	0	1	1	1	0	0.000	0
435	432	35.43	2.65	3.3	4.18	6	0	0	-102	1	0	1	1	1	0	0.000	0
436	433	35.51	2.95	3.3	4.17	5.97	0	0	-133	1	0	1	1	1	0	0.000	0
437	434	35.6	3.29	3.3	4.27	5.95	0	0	-176	1	0	0	1	1	0	0.000	0
438	435	35.68	3.67	3.3	4.4	6.31	0	0	-239	1	0	0	1	1	0	0.000	0
439	436	35.76	4	3.4	4.6	6.37	0	0	-306	1	0	0	1	1	0	0.000	0
440	437	35.84	4.28	3.4	4.73	6.58	0	0	-378	1	0	0	1	1	0	0.000	0
441	438	35.92	4.47	3.4	4.89	6.84	0	0	-432	1	0	0	1	1	0	0.000	0
442	439	36.01	4.65	3.4	5.03	7.02	0	0	-490	1	0	0	1	1	0	0.000	0
443	440	36.09	4.88	3.4	5.13	7.17	0	0	-580	1	0	0	1	1	0	0.000	0
444	441	36.17	5.27	3.4	5.22	7.32	0	0	-777	1	0	0	1	1	0	0.000	0
445	442	36.25	5.69	3.4	5.25	7.49	0	0	-1069	1	0	0	1	1	0	0.000	0
446	443	36.33	5.99	3.4	5.21	7.42	0	0	-[illegible]	1	0	0	1	1	0	0.000	0
447	444	36.42	6.08	3.4	5.12	7.33	0	0	-1[illegible]60	1	0	0	1	1	0	0.000	0
448	445	36.5	6.11	3.4	5.03	7.27	0	0	-15[illegible]1	1	0	0	1	1	0	0.000	0
449	446	36.58	6.16	3.4	4.93	7.15	0	0	-1589	1	0	0	1	1	0	0.000	0
450	447	36.66	6.06	3.4	4.81	6.92	0	0	-[illegible]98	1	0	0	1	1	0	0.000	0
451	448	36.74	5.9	3.4	4.63	6.79	0	0	-1360	1	0	0	1	1	0	0.000	0
452	449	36.83	5.72	3.5	4.42	6.44	0	0	-1218	1	0	0	1	1	0	0.000	0
453	450	36.91	5.61	3.5	4.23	6.15	0	0	-1147	1	0	0	1	1	0	0.000	0
454	451	36.99	5.3	3.5	4.14	6.01	0	0	-914	1	0	0	1	1	0	0.000	0
455	452	37.07	4.82	3.4	4.14	6.02	0	0	-628	1	0	0	1	1	0	0.000	0
456	453	37.16	4.4	3.4	4.2	6.02	0	0	-445	1	0	0	1	1	0	0.000	0
457	454	37.24	4.19	3.4	4.32	6.15	0	0	-370	1	0	0	1	1	0	0.000	0
458	455	37.32	4.09	3.4	4.47	6.35	0	0	-335	1	0	0	1	1	0	0.000	0
459	456	37.4	4	3.3	4.63	6.55	0	0	-305	1	0	0	1	1	0	0.000	0
460	457	37.48	3.9	3.3	4.71	6.73	0	0	-278	1	0	0	1	1	0	0.000	0
461	458	37.57	3.85	3.3	4.71	6.69	0	0	-267	1	0	0	1	1	0	0.000	0
462	459	37.65	3.86	3.3	4.66	6.63	0	0	-271	1	0	0	1	1	0	0.000	0
463	460	37.73	3.92	3.3	4.62	6.56	0	0	-286	1	0	0	1	1	0	0.000	0
464	461	37.81	3.91	3.3	4.62	6.52	0	0	-283	1	0	0	1	1	0	0.000	0
465	462	37.89	3.82	3.3	4.63	6.57	0	0	-263	1	0	0	1	1	0	0.000	0
466	463	37.98	3.67	3.3	4.64	6.55	0	0	-232	1	0	0	1	1	0	0.000	0
467	464	38.06	3.56	3.3	4.61	6.53	0	0	-212	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
468	465	38.14	3.46	3.3	4.6	6.45	0	0	-195	1	0	0	1	1	0	0.000	0
469	466	38.22	3.35	3.3	4.62	6.46	0	0	-177	1	0	0	1	1	0	0.000	0
470	467	38.3	3.01	3.3	4.75	6.6	0	0	-130	1	0	0	1	1	0	0.000	0
471	468	38.39	2.67	3.2	4.94	6.89	0	0	-95	1	0	1	1	1	0	0.000	0
472	469	38.47	2.41	3.2	5.08	7.15	0	0	-74	1	0	1	1	1	0	0.000	0
473	470	38.55	2.43	3.2	4.99	7.13	0	0	-76	1	0	1	1	1	0	0.000	0
474	471	38.63	2.51	3.2	4.83	6.54	0	0	-83	1	0	1	1	1	0	0.000	0
475	472	38.71	2.59	3.2	4.65	6.56	0	0	-91	1	0	1	1	1	0	0.000	0
476	473	38.8	2.51	3.2	4.67	6.5	0	0	-85	1	0	1	1	1	0	0.000	0
477	474	38.88	2.31	3.2	4.74	6.59	0	0	-70	1	0	1	1	1	0	0.000	0
478	475	38.96	2.2	3.2	4.92	6.79	0	0	-62	1	0	1	1	1	0	0.000	0
479	476	39.04	2.12	3.2	5.17	6.98	0	0	-56	1	0	1	1	1	0	0.000	0
480	477	39.12	2.17	3.1	5.5	7.48	0	0	-56	1	0	1	1	1	0	0.000	0
481	478	39.21	2.45	3.2	5.82	8.02	0	0	-69	1	0	1	1	1	0	0.000	0
482	479	39.29	2.83	3.2	6.29	8.32	0	0	-89	1	0	1	1	1	0	0.000	0
483	480	39.37	2.92	3.1	7.32	9.28	0	0	-81	1	0	1	1	1	0	0.000	0
484	481	39.45	2.93	3.1	8.35	11.9	0	0	-65	1	0	1	1	1	0	0.000	0
485	482	39.53	3.27	3.1	8.86	12.7	0	0	-77	1	0	0	1	1	0	0.000	0
486	483	39.62	4.15	3.2	8.27	11.92	0	0	-85	1	0	0	1	1	0	0.000	0
487	484	39.7	5.12	3.2	7.73	10.13	0	0	-43	1	0	0	1	1	0	0.000	0
488	485	39.78	5.48	3.2	7.85	10.31	0	0	-58	1	0	0	1	1	0	0.000	0
489	486	39.86	5.19	3.2	9.03	11.84	0	0	48	1	0	0	1	1	0	0.000	0
490	487	39.94	4.95	3.1	10.83	14.44	0	0	-139	1	0	0	1	1	0	0.000	0
491	488	40.03	4.99	3.1	12.53	17.47	0	0	3	1	0	0	1	1	0	0.000	0
492	489	40.11	5.58	3.1	13.3	18.82	0	0	108	1	0	0	0	1	0	0.000	0
493	490	40.19	6.22	3.1	13.51	17.85	0	0	222	1	0	0	0	1	0	0.000	0
494	491	40.27	6.47	3.1	13.76	18.72	0	0	333	1	0	0	0	1	0	0.000	0
495	492	40.35	5.96	3.1	14.29	20.02	0	0	324	1	0	0	0	1	0	0.000	0
496	493	40.44	5.07	3.0	13.97	20.32	0	0	134	1	0	0	0	1	0	0.000	0
497	494	40.52	4.32	3.0	12.8	17.87	0	0	15	1	0	0	1	1	0	0.000	0
498	495	40.6	3.8	3.0	11.51	15.75	0	0	-33	1	0	0	1	1	0	0.000	0
499	496	40.68	3.91	3.0	10.74	15.15	0	0	-63	1	0	0	1	1	0	0.000	0
500	497	40.76	4.97	3.1	9.76	14.57	0	0	-232	1	0	0	1	1	0	0.000	0
501	498	40.85	6.95	3.3	8.32	11.78	0	0	-1565	1	0	0	1	1	0	0.000	0
502	499	40.93	9.55	3.4	6.76	9.6	0	0	-12685	1	0	0	1	1	0	0.000	0
503	500	41.01	11.47	3.6	5.61	8.67	0	0	-50632	1	0	0	1	1	0	0.000	0
504	501	41.09	12.13	3.6	4.88	7.39	0	0	-83051	1	0	0	1	1	0	0.000	0
505	502	41.17	12.33	3.7	4.29	6.59	0	0	-100654	1	0	0	1	1	0	0.000	0
506	503	41.26	11.59	3.7	4.03	6.01	0	0	-66913	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
507	504	41.34	10.69	3.7	3.97	5.95	0	0	-38868	1	0	0	1	1	0	0.000	0
508	505	41.42	9.98	3.6	3.99	5.96	0	0	-24799	1	0	0	1	1	0	0.000	0
509	506	41.5	9.66	3.6	3.94	5.81	0	0	-20313	1	0	0	1	1	0	0.000	0
510	507	41.58	9.45	3.6	3.82	5.63	0	0	-17976	1	0	0	1	1	0	0.000	0
511	508	41.67	8.78	3.6	3.66	5.52	0	0	-11769	1	0	0	1	1	0	0.000	0
512	509	41.75	7.63	3.6	3.53	5.3	0	0	-5441	1	0	0	1	1	0	0.000	0
513	510	41.83	6.32	3.6	3.46	5.18	0	0	-2137	1	0	0	1	1	0	0.000	0
514	511	41.91	5.05	3.5	3.47	5.23	0	0	-812	1	0	0	1	1	0	0.000	0
515	512	41.99	4.19	3.5	3.58	5.3	0	0	-404	1	0	0	1	1	0	0.000	0
516	513	42.08	3.44	3.4	3.79	5.67	0	0	-212	1	0	0	1	1	0	0.000	0
517	514	42.16	3.11	3.3	4.07	6.07	0	0	-155	1	0	0	1	1	0	0.000	0
518	515	42.24	2.95	3.3	4.3	6.46	0	0	-131	1	0	1	1	1	0	0.000	0
519	516	42.32	2.86	3.3	4.43	6.59	0	0	-119	1	0	1	1	1	0	0.000	0
520	517	42.4	2.87	3.3	4.43	6.73	0	0	-120	1	0	1	1	1	0	0.000	0
521	518	42.49	3.12	3.3	4.3	6.61	0	0	-152	1	0	0	1	1	0	0.000	0
522	519	42.57	3.72	3.4	4.03	6.29	0	0	-260	1	0	0	1	1	0	0.000	0
523	520	42.65	4.47	3.5	3.77	5.89	0	0	-496	1	0	0	1	1	0	0.000	0
524	521	42.73	5.07	3.5	3.55	5.72	0	0	-818	1	0	0	1	1	0	0.000	0
525	522	42.81	5.45	3.5	3.42	5.58	0	0	-1114	1	0	0	1	1	0	0.000	0
526	523	42.9	5.66	3.5	3.38	5.45	0	0	-1304	1	0	0	1	1	0	0.000	0
527	524	42.98	5.62	3.5	3.43	5.56	0	0	-1267	1	0	0	1	1	0	0.000	0
528	525	43.06	5.33	3.5	3.57	5.73	0	0	-999	1	0	0	1	1	0	0.000	0
529	526	43.14	5.04	3.5	3.71	5.96	0	0	-785	1	0	0	1	1	0	0.000	0
530	527	43.22	5.14	3.5	3.81	6.12	0	0	-839	1	0	0	1	1	0	0.000	0
531	528	43.31	5.51	3.5	3.83	6.17	0	0	-1114	1	0	0	1	1	0	0.000	0
532	529	43.39	6.06	3.5	3.76	6.15	0	0	-1703	1	0	0	1	1	0	0.000	0
533	530	43.47	6.56	3.6	3.66	6.06	0	0	-2493	1	0	0	1	1	0	0.000	0
534	531	43.55	7.12	3.6	3.55	5.97	0	0	-3785	1	0	0	1	1	0	0.000	0
535	532	43.63	7.55	3.6	3.44	5.82	0	0	-5196	1	0	0	1	1	0	0.000	0
536	533	43.72	7.8	3.6	3.37	5.71	0	0	-6235	1	0	0	1	1	0	0.000	0
537	534	43.8	7.68	3.6	3.33	5.64	0	0	-5760	1	0	0	1	1	0	0.000	0
538	535	43.88	7.28	3.6	3.4	5.67	0	0	-4313	1	0	0	1	1	0	0.000	0
539	536	43.96	6.81	3.6	3.55	5.86	0	0	-3028	1	0	0	1	1	0	0.000	0
540	537	44.04	6.5	3.6	3.67	6.06	0	0	-2383	1	0	0	1	1	0	0.000	0
541	538	44.13	6.43	3.5	3.71	6.05	0	0	-2254	1	0	0	1	1	0	0.000	0
542	539	44.21	6.59	3.6	3.63	6.02	0	0	-2557	1	0	0	1	1	0	0.000	0
543	540	44.29	6.88	3.6	3.54	5.85	0	0	-3189	1	0	0	1	1	0	0.000	0
544	541	44.37	7.23	3.6	3.48	5.71	0	0	-4126	1	0	0	1	1	0	0.000	0
545	542	44.45	7.39	3.6	3.48	5.72	0	0	-4621	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
546	543	44.54	7.04	3.6	3.56	5.77	0	0	-3570	1	0	0	1	1	0	0.000	0
547	544	44.62	6.37	3.5	3.67	5.9	0	0	-2166	1	0	0	1	1	0	0.000	0
548	545	44.7	5.6	3.5	3.75	6.04	0	0	-1204	1	0	0	1	1	0	0.000	0
549	546	44.78	5.05	3.5	3.79	5.99	0	0	-784	1	0	0	1	1	0	0.000	0
550	547	44.86	4.72	3.5	3.72	5.93	0	0	-609	1	0	0	1	1	0	0.000	0
551	548	44.95	4.46	3.5	3.63	5.7	0	0	-500	1	0	0	1	1	0	0.000	0
552	549	45.03	4.18	3.5	3.58	5.63	0	0	-400	1	0	0	1	1	0	0.000	0
553	550	45.11	4.01	3.4	3.62	5.69	0	0	-347	1	0	0	1	1	0	0.000	0
554	551	45.19	3.9	3.4	3.8	5.78	0	0	-310	1	0	0	1	1	0	0.000	0
555	552	45.27	3.9	3.4	4.08	6.27	0	0	-300	1	0	0	1	1	0	0.000	0
556	553	45.36	3.82	3.4	4.46	6.77	0	0	-268	1	0	0	1	1	0	0.000	0
557	554	45.44	3.87	3.3	4.76	7.27	0	0	-269	1	0	0	1	1	0	0.000	0
558	555	45.52	4.05	3.3	5.01	7.47	0	0	-302	1	0	0	1	1	0	0.000	0
559	556	45.6	4.38	3.3	5.18	7.72	0	0	-387	1	0	0	1	1	0	0.000	0
560	557	45.69	4.61	3.3	5.31	8	0	0	-457	1	0	0	1	1	0	0.000	0
561	558	45.77	4.8	3.3	5.41	8.04	0	0	-524	1	0	0	1	1	0	0.000	0
562	559	45.85	4.97	3.3	5.59	8.18	0	0	-584	1	0	0	1	1	0	0.000	0
563	560	45.93	5.14	3.3	5.89	8.63	0	0	[illegible]	1	0	0	1	1	0	0.000	0
564	561	46.01	5.27	3.3	6.21	9.06	0	0	[illegible]	1	0	0	1	1	0	0.000	0
565	562	46.1	5.29	3.3	6.37	9.41	0	0	[illegible]	1	0	0	1	1	0	0.000	0
566	563	46.18	5.39	3.3	6.44	9.48	0	0	[illegible]	1	0	0	1	1	0	0.000	0
567	564	46.26	5.61	3.3	6.42	9.59	0	0	[illegible]	1	0	0	1	1	0	0.000	0
568	565	46.34	5.75	3.3	6.39	9.45	0	0	-943	1	0	0	1	1	0	0.000	0
569	566	46.42	5.74	3.3	6.33	9.37	0	0	-945	1	0	0	1	1	0	0.000	0
570	567	46.51	5.61	3.3	6.23	9.36	0	0	-870	1	0	0	1	1	0	0.000	0
571	568	46.59	5.58	3.3	6.12	9.06	0	0	-865	1	0	0	1	1	0	0.000	0
572	569	46.67	5.7	3.3	6.01	8.9	0	0	-964	1	0	0	1	1	0	0.000	0
573	570	46.75	5.75	3.4	5.94	8.89	0	0	-1012	1	0	0	1	1	0	0.000	0
574	571	46.83	5.72	3.4	5.91	8.79	0	0	-994	1	0	0	1	1	0	0.000	0
575	572	46.92	5.66	3.3	5.91	8.79	0	0	-949	1	0	0	1	1	0	0.000	0
576	573	47	5.7	3.3	5.94	8.89	0	0	-974	1	0	0	1	1	0	0.000	0
577	574	47.08	5.67	3.3	6.04	8.89	0	0	-938	1	0	0	1	1	0	0.000	0
578	575	47.16	5.48	3.3	6.19	9.11	0	0	-792	1	0	0	1	1	0	0.000	0
579	576	47.24	5.29	3.3	6.35	9.41	0	0	-667	1	0	0	1	1	0	0.000	0
580	577	47.33	5.26	3.3	6.32	9.54	0	0	-655	1	0	0	1	1	0	0.000	0
581	578	47.41	5.45	3.3	6.02	9.13	0	0	-795	1	0	0	1	1	0	0.000	0
582	579	47.49	5.75	3.4	5.53	8.44	0	0	-1075	1	0	0	1	1	0	0.000	0
583	580	47.57	6.19	3.4	4.98	7.83	0	0	-1614	1	0	0	1	1	0	0.000	0
584	581	47.65	6.37	3.5	4.52	7.12	0	0	-1958	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
585	582	47.74	6.31	3.5	4.14	6.66	0	0	-1962	1	0	0	1	1	0	0.000	0
586	583	47.82	5.97	3.5	3.9	6.3	0	0	-1566	1	0	0	1	1	0	0.000	0
587	584	47.9	5.66	3.5	3.76	6.07	0	0	-1259	1	0	0	1	1	0	0.000	0
588	585	47.98	5.31	3.5	3.78	6	0	0	-960	1	0	0	1	1	0	0.000	0
589	586	48.06	4.95	3.5	3.89	6.19	0	0	-716	1	0	0	1	1	0	0.000	0
590	587	48.15	4.62	3.4	4.02	6.36	0	0	-543	1	0	0	1	1	0	0.000	0
591	588	48.23	4.38	3.4	4.11	6.47	0	0	-443	1	0	0	1	1	0	0.000	0
592	589	48.31	4.15	3.4	4.23	6.49	0	0	-362	1	0	0	1	1	0	0.000	0
593	590	48.39	4	3.4	4.38	6.73	0	0	-315	1	0	0	1	1	0	0.000	0
594	591	48.47	4.23	3.3	4.87	7.01	0	0	-357	1	0	0	1	1	0	0.000	0
595	592	48.56	4.7	3.3	5.63	8.35	0	0	-469	1	0	0	1	1	0	0.000	0
596	593	48.64	4.96	3.3	6.97	9.7	0	0	-464	1	0	0	1	1	0	0.000	0
597	594	48.72	4.99	3.2	8.02	12.36	0	0	-385	1	0	0	1	1	0	0.000	0
598	595	48.8	5.1	3.2	8.21	13.02	0	0	-401	1	0	0	1	1	0	0.000	0
599	596	48.88	5.62	3.3	7.25	11.14	0	0	-734	1	0	0	1	1	0	0.000	0
600	597	48.97	6.33	3.4	6.08	8.97	0	0	-1529	1	0	0	1	1	0	0.000	0
601	598	49.05	6.8	3.4	5.28	8.16	0	0	-2425	1	0	0	1	1	0	0.000	0
602	599	49.13	6.52	3.4	4.93	7.48	0	0	-[illegible]74	1	0	0	1	1	0	0.000	0
603	600	49.21	5.77	3.4	4.76	7.21	0	0	-1[illegible]12	1	0	0	1	1	0	0.000	0
604	601	49.29	4.98	3.4	4.74	7.22	0	0	-6[illegible]1	1	0	0	1	1	0	0.000	0
605	602	49.38	4.38	3.4	4.74	7.25	0	0	-41[illegible]	1	0	0	1	1	0	0.000	0
606	603	49.46	4.15	3.4	4.68	7.23	0	0	[illegible]43	1	0	0	1	1	0	0.000	0
607	604	49.54	3.99	3.4	4.58	7.02	0	0	-304	1	0	0	1	1	0	0.000	0
608	605	49.62	3.99	3.4	4.47	6.9	0	0	-309	1	0	0	1	1	0	0.000	0
609	606	49.7	3.97	3.4	4.4	6.79	0	0	-306	1	0	0	1	1	0	0.000	0
610	607	49.79	4	3.4	4.33	6.66	0	0	-317	1	0	0	1	1	0	0.000	0
611	608	49.87	3.95	3.4	4.34	6.6	0	0	-303	1	0	0	1	1	0	0.000	0
612	609	49.95	3.88	3.4	4.43	6.75	0	0	-283	1	0	0	1	1	0	0.000	0
613	610	50.03	3.75	3.3	4.59	6.92	0	0	-249	1	0	0	1	1	0	0.000	0
614	611	50.11	3.38	3.3	4.79	7.19	0	0	-178	1	0	0	1	1	0	0.000	0
615	612	50.2	2.98	3.3	4.98	7.49	0	0	-123	1	0	1	1	1	0	0.000	0
616	613	50.28	2.85	3.2	5.13	7.67	0	0	-108	1	0	1	1	1	0	0.000	0
617	614	50.36	3.21	3.2	5.33	7.75	0	0	-143	1	0	0	1	1	0	0.000	0
618	615	50.44	4.1	3.3	5.71	8.24	0	0	-286	1	0	0	1	1	0	0.000	0
619	616	50.52	4.61	3.3	6.46	9.08	0	0	-384	1	0	0	1	1	0	0.000	0
620	617	50.61	4.61	3.2	7.19	10.75	0	0	-337	1	0	0	1	1	0	0.000	0
621	618	50.69	4.38	3.2	7.56	11.47	0	0	-261	1	0	0	1	1	0	0.000	0
622	619	50.77	4.36	3.2	7.39	11.11	0	0	-266	1	0	0	1	1	0	0.000	0
623	620	50.85	4.48	3.2	6.89	10.62	0	0	-321	1	0	0	1	1	0	0.000	0
624	621	50.93	4.38	3.3	6.35	9.64	0	0	-325	1	0	0	1	1	0	0.000	0

DRAFT

	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
625	622	51.02	3.9	3.3	5.86	8.87	0	0	-237	1	0	0	1	1	0	0.000	0
626	623	51.1	3.48	3.3	5.49	8.49	0	0	-176	1	0	0	1	1	0	0.000	0
627	624	51.18	3.32	3.3	5.13	7.93	0	0	-162	1	0	0	1	1	0	0.000	0
628	625	51.26	3.47	3.3	4.7	7.22	0	0	-194	1	0	0	1	1	0	0.000	0
629	626	51.34	3.58	3.3	4.32	6.6	0	0	-224	1	0	0	1	1	0	0.000	0
630	627	51.43	3.15	3.3	4.04	6.29	0	0	-160	1	0	0	1	1	0	0.000	0
631	628	51.51	2.44	3.3	3.89	6.07	0	0	-88	1	0	1	1	1	0	0.000	0
632	629	51.59	1.82	3.2	3.84	6.03	0	0	-50	1	0	1	1	1	0	0.000	0
633	630	51.67	1.56	3.2	3.9	6	0	0	-39	1	0	1	1	1	0	0.000	0
634	631	51.75	1.47	3.2	3.94	6.18	0	0	-36	1	0	1	1	1	0	0.000	0
635	632	51.84	1.55	3.2	4.16	6.13	0	0	-38	1	0	1	1	1	0	0.000	0
636	633	51.92	1.78	3.2	4.72	7.06	0	0	-44	1	0	1	1	1	0	0.000	0
637	634	52	2.1	3.1	5.76	8.36	0	0	-51	1	0	1	1	1	0	0.000	0
638	635	52.08	2.47	3.1	6.9	10.21	0	0	-59	1	0	1	1	1	0	0.000	0
639	636	52.16	2.81	3.1	7.72	11.47	0	0	-68	1	0	1	1	1	0	0.000	0
640	637	52.25	3.13	3.1	8.12	11.83	0	0	-82	1	0	0	1	1	0	0.000	0
641	638	52.33	3.36	3.1	8.26	11.98	0	0	-96	1	0	0	1	1	0	0.000	0
642	639	52.41	3.63	3.1	8.23	12.06	0	0	-122	1	0	0	1	1	0	0.000	0
643	640	52.49	3.88	3.1	8.06	11.66	0	0	-156	1	0	0	1	1	0	0.000	0
644	641	52.57	4.19	3.2	7.71	11.36	0	0	-217	1	0	0	1	1	0	0.000	0
645	642	52.66	4.46	3.2	7.38	10.81	0	0	-288	1	0	0	1	1	0	0.000	0
646	643	52.74	4.83	3.2	7.16	10.47	0	0	-404	1	0	0	1	1	0	0.000	0
647	644	52.82	5.09	3.3	7.15	10.47	0	0	-497	1	0	0	1	1	0	0.000	0
648	645	52.9	5.28	3.3	7.21	10.76	0	0	-565	1	0	0	1	1	0	0.000	0
649	646	52.98	5.35	3.3	7.25	10.75	0	0	-596	1	0	0	1	1	0	0.000	0
650	647	53.07	5.51	3.3	7.18	10.75	0	0	-683	1	0	0	1	1	0	0.000	0
651	648	53.15	5.59	3.3	7.08	10.55	0	0	-740	1	0	0	1	1	0	0.000	0
652	649	53.23	5.71	3.3	6.99	10.39	0	0	-825	1	0	0	1	1	0	0.000	0
653	650	53.31	5.82	3.3	6.97	10.39	0	0	-900	1	0	0	1	1	0	0.000	0
654	651	53.4	6.07	3.3	6.97	10.48	0	0	-1086	1	0	0	1	1	0	0.000	0
655	652	53.48	6.2	3.3	7.04	10.48	0	0	-1181	1	0	0	1	1	0	0.000	0
656	653	53.56	6.28	3.3	7.12	10.77	0	0	-1235	1	0	0	1	1	0	0.000	0
657	654	53.64	6.3	3.3	7.18	11	0	0	-1239	1	0	0	1	1	0	0.000	0
658	655	53.72	6.45	3.3	7.14	11.01	0	0	-1395	1	0	0	1	1	0	0.000	0
659	656	53.81	6.68	3.3	6.96	10.86	0	0	-1706	1	0	0	1	1	0	0.000	0
660	657	53.89	7.02	3.4	6.7	10.53	0	0	-2283	1	0	0	1	1	0	0.000	0
661	658	53.97	7.39	3.4	6.32	10.1	0	0	-3166	1	0	0	1	1	0	0.000	0
662	659	54.05	7.67	3.4	5.99	9.47	0	0	-4061	1	0	0	1	1	0	0.000	0
663	660	54.13	7.82	3.4	5.7	9.18	0	0	-4709	1	0	0	1	1	0	0.000	0
664	661	54.22	7.75	3.5	5.54	8.91	0	0	-4590	1	0	0	1	1	0	0.000	0
665	662	54.3	7.73	3.5	5.39	8.71	0	0	-4624	1	0	0	1	1	0	0.000	0
666	663	54.38	7.62	3.5	5.21	8.46	0	0	-4391	1	0	0	1	1	0	0.000	0
667	664	54.46	7.43	3.5	5.04	8.14	0	0	-3932	1	0	0	1	1	0	0.000	0
668	665	54.54	6.95	3.5	4.91	8.01	0	0	-2841	1	0	0	1	1	0	0.000	0
669	666	54.63	6.36	3.4	4.82	7.88	0	0	-1870	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
670	667	54.71	5.9	3.4	4.69	7.7	0	0	-1349	1	0	0	1	1	0	0.000	0
671	668	54.79	5.45	3.4	4.47	7.4	0	0	-985	1	0	0	1	1	0	0.000	0
672	669	54.87	4.88	3.4	4.26	6.95	0	0	-649	1	0	0	1	1	0	0.000	0
673	670	54.95	4.29	3.4	4.12	6.83	0	0	-411	1	0	0	1	1	0	0.000	0
674	671	55.04	3.84	3.4	4.13	6.71	0	0	-284	1	0	0	1	1	0	0.000	0
675	672	55.12	3.83	3.4	4.2	6.85	0	0	-279	1	0	0	1	1	0	0.000	0
676	673	55.2	3.87	3.4	4.34	6.97	0	0	-284	1	0	0	1	1	0	0.000	0
677	674	55.28	4.16	3.4	4.45	7.21	0	0	-356	1	0	0	1	1	0	0.000	0
678	675	55.36	4.28	3.4	4.49	7.24	0	0	-390	1	0	0	1	1	0	0.000	0
679	676	55.45	4.4	3.4	4.46	7.14	0	0	-431	1	0	0	1	1	0	0.000	0
680	677	55.53	4.38	3.4	4.4	7.04	0	0	-428	1	0	0	1	1	0	0.000	0
681	678	55.61	4.42	3.4	4.34	6.99	0	0	-445	1	0	0	1	1	0	0.000	0
682	679	55.69	4.38	3.4	4.28	6.88	0	0	-434	1	0	0	1	1	0	0.000	0
683	680	55.77	4.29	3.4	4.2	6.8	0	0	-407	1	0	0	1	1	0	0.000	0
684	681	55.86	4.23	3.4	4.13	6.72	0	0	-391	1	0	0	1	1	0	0.000	0
685	682	55.94	4.26	3.4	4.07	6.62	0	0	-404	1	0	0	1	1	0	0.000	0
686	683	56.02	4.23	3.4	4.04	6.55	0	0	-396	1	0	0	1	1	0	0.000	0
687	684	56.1	4.1	3.4	4.05	6.53	0	0	-355	1	0	0	1	1	0	0.000	0
688	685	56.18	3.89	3.4	4.11	6.61	0	0	-297	1	0	0	1	1	0	0.000	0
689	686	56.27	3.61	3.4	4.19	6.76	0	0	-233	1	0	0	1	1	0	0.000	0
690	687	56.35	3.4	3.3	4.27	6.83	0	0	-193	1	0	0	1	1	0	0.000	0
691	688	56.43	3.26	3.3	4.3	6.95	0	0	-171	1	0	0	1	1	0	0.000	0
692	689	56.51	3.29	3.3	4.35	6.88	0	0	-17	1	0	0	1	1	0	0.000	0
693	690	56.59	3.38	3.3	4.37	7.02	0	0	-188	1	0	0	1	1	0	0.000	0
694	691	56.68	3.51	3.3	4.43	7	0	0	-208	1	0	0	1	1	0	0.000	0
695	692	56.76	3.67	3.3	4.44	7.13	0	0	-237	1	0	0	1	1	0	0.000	0
696	693	56.84	3.91	3.4	4.48	7.11	0	0	-288	1	0	0	1	1	0	0.000	0
697	694	56.92	4.2	3.4	4.47	7.21	0	0	-366	1	0	0	1	1	0	0.000	0
698	695	57	4.37	3.4	4.48	7.15	0	0	-420	1	0	0	1	1	0	0.000	0
699	696	57.09	4.36	3.4	4.51	7.23	0	0	-415	1	0	0	1	1	0	0.000	0
700	697	57.17	4.2	3.4	4.53	7.39	0	0	-364	1	0	0	1	1	0	0.000	0
701	698	57.25	4.15	3.4	4.44	7.28	0	0	-353	1	0	0	1	1	0	0.000	0
702	699	57.33	4.12	3.4	4.27	6.88	0	0	-352	1	0	0	1	1	0	0.000	0
703	700	57.41	4.13	3.4	4.08	6.66	0	0	-363	1	0	0	1	1	0	0.000	0
704	701	57.5	4.07	3.4	3.98	6.54	0	0	-350	1	0	0	1	1	0	0.000	0
705	702	57.58	3.98	3.4	3.89	6.48	0	0	-328	1	0	0	1	1	0	0.000	0
706	703	57.66	3.86	3.4	3.84	6.28	0	0	-299	1	0	0	1	1	0	0.000	0
707	704	57.74	3.79	3.4	3.83	6.28	0	0	-282	1	0	0	1	1	0	0.000	0
708	705	57.82	3.62	3.4	3.93	6.37	0	0	-242	1	0	0	1	1	0	0.000	0
709	706	57.91	3.45	3.4	4.06	6.6	0	0	-207	1	0	0	1	1	0	0.000	0
710	707	57.99	3.12	3.3	4.16	6.8	0	0	-154	1	0	0	1	1	0	0.000	0
711	708	58.07	2.8	3.3	4.19	6.82	0	0	-116	1	0	1	1	1	0	0.000	0
712	709	58.15	2.41	3.3	4.12	6.77	0	0	-83	1	0	1	1	1	0	0.000	0
713	710	58.23	2.19	3.3	4.06	6.52	0	0	-69	1	0	1	1	1	0	0.000	0
714	711	58.32	2.13	3.3	4.04	6.45	0	0	-65	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
715	712	58.4	2.55	3.3	4.15	6.58	0	0	-94	1	0	1	1	1	0	0.000	0
716	713	58.48	3.02	3.3	4.35	7	0	0	-138	1	0	0	1	1	0	0.000	0
717	714	58.56	3.55	3.3	4.54	7.34	0	0	-212	1	0	0	1	1	0	0.000	0
718	715	58.64	3.89	3.3	4.76	7.46	0	0	-274	1	0	0	1	1	0	0.000	0
719	716	58.73	4.39	3.4	4.82	7.95	0	0	-409	1	0	0	1	1	0	0.000	0
720	717	58.81	4.84	3.4	4.77	7.72	0	0	-590	1	0	0	1	1	0	0.000	0
721	718	58.89	5.13	3.4	4.54	7.45	0	0	-762	1	0	0	1	1	0	0.000	0
722	719	58.97	5.22	3.4	4.35	7.09	0	0	-837	1	0	0	1	1	0	0.000	0
723	720	59.05	5.15	3.4	4.24	6.89	0	0	-803	1	0	0	1	1	0	0.000	0
724	721	59.14	5.14	3.4	4.21	6.92	0	0	-800	1	0	0	1	1	0	0.000	0
725	722	59.22	5.11	3.4	4.25	6.9	0	0	-778	1	0	0	1	1	0	0.000	0
726	723	59.3	5.24	3.4	4.31	7.06	0	0	-854	1	0	0	1	1	0	0.000	0
727	724	59.38	5.42	3.4	4.34	7.21	0	0	-978	1	0	0	1	1	0	0.000	0
728	725	59.46	5.57	3.5	4.33	7.14	0	0	-1099	1	0	0	1	1	0	0.000	0
729	726	59.55	5.66	3.5	4.25	7.16	0	0	-1189	1	0	0	1	1	0	0.000	0
730	727	59.63	5.84	3.5	4.18	7.05	0	0	-1374	1	0	0	1	1	0	0.000	0
731	728	59.71	5.94	3.5	4.08	6.92	0	0	-1499	1	0	0	1	1	0	0.000	0
732	729	59.79	5.86	3.5	3.99	6.81	0	0	-1427	1	0	0	1	1	0	0.000	0
733	730	59.87	5.53	3.5	3.88	6.67	0	0	-1125	1	0	0	1	1	0	0.000	0
734	731	59.96	5.08	3.5	3.75	6.46	0	0	-806	1	0	0	1	1	0	0.000	0
735	732	60.04	4.78	3.5	3.58	6.24	0	0	-649	1	0	0	1	1	0	0.000	0
736	733	60.12	4.47	3.5	3.45	5.93	0	0	-514	1	0	0	1	1	0	0.000	0
737	734	60.2	4.27	3.5	3.37	5.85	0	0	-44	1	0	0	1	1	0	0.000	0
738	735	60.28	4.03	3.5	3.37	5.79	0	0	-363	1	0	0	1	1	0	0.000	0
739	736	60.37	3.88	3.5	3.4	5.86	0	0	-319	1	0	0	1	1	0	0.000	0
740	737	60.45	3.8	3.4	3.45	5.87	0	0	-297	1	0	0	1	1	0	0.000	0
741	738	60.53	3.81	3.4	3.5	5.99	0	0	-298	1	0	0	1	1	0	0.000	0
742	739	60.61	3.79	3.4	3.54	6.08	0	0	-292	1	0	0	1	1	0	0.000	0
743	740	60.69	3.84	3.4	3.53	6.04	0	0	-304	1	0	0	1	1	0	0.000	0
744	741	60.78	3.93	3.4	3.5	6	0	0	-329	1	0	0	1	1	0	0.000	0
745	742	60.86	4.28	3.5	3.48	5.97	0	0	-439	1	0	0	1	1	0	0.000	0
746	743	60.94	4.63	3.5	3.52	5.95	0	0	-580	1	0	0	1	1	0	0.000	0
747	744	61.02	4.95	3.5	3.58	6.18	0	0	-742	1	0	0	1	1	0	0.000	0
748	745	61.1	5.01	3.5	3.7	6.23	0	0	-767	1	0	0	1	1	0	0.000	0
749	746	61.19	5.06	3.5	3.78	6.47	0	0	-791	1	0	0	1	1	0	0.000	0
750	747	61.27	5.08	3.5	3.84	6.58	0	0	-798	1	0	0	1	1	0	0.000	0
751	748	61.35	4.65	3.5	3.84	6.54	0	0	-568	1	0	0	1	1	0	0.000	0
752	749	61.43	3.62	3.4	3.83	6.46	0	0	-245	1	0	0	1	1	0	0.000	0
753	750	61.52	2.53	3.3	3.87	6.53	0	0	-95	1	0	1	1	1	0	0.000	0
754	751	61.6	1.97	3.3	3.93	6.65	0	0	-57	1	0	1	1	1	0	0.000	0
755	752	61.68	2.19	3.3	3.9	6.71	0	0	-70	1	0	1	1	1	0	0.000	0
756	753	61.76	2.64	3.3	3.81	6.45	0	0	-106	1	0	1	1	1	0	0.000	0
757	754	61.84	3.26	3.4	3.74	6.27	0	0	-183	1	0	0	1	1	0	0.000	0
758	755	61.93	3.99	3.4	3.81	6.31	0	0	-334	1	0	0	1	1	0	0.000	0
759	756	62.01	4.96	3.5	4.02	6.58	0	0	-711	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
760	757	62.09	5.65	3.4	4.45	7.13	0	0	-1151	1	0	0	1	1	0	0.000	0
761	758	62.17	5.14	3.4	5.21	8.22	0	0	-704	1	0	0	1	1	0	0.000	0
762	759	62.25	4.11	3.3	6.12	9.92	0	0	-271	1	0	0	1	1	0	0.000	0
763	760	62.34	3.48	3.2	6.58	11.43	0	0	-149	1	0	0	1	1	0	0.000	0
764	761	62.42	3.75	3.2	6.26	10.81	0	0	-197	1	0	0	1	1	0	0.000	0
765	762	62.5	4.68	3.3	5.35	9.07	0	0	-480	1	0	0	1	1	0	0.000	0
766	763	62.58	5.38	3.4	4.56	7.67	0	0	-923	1	0	0	1	1	0	0.000	0
767	764	62.66	5.15	3.4	4.26	7.19	0	0	-801	1	0	0	1	1	0	0.000	0
768	765	62.75	4.47	3.4	4.27	7.47	0	0	-467	1	0	0	1	1	0	0.000	0
769	766	62.83	4.13	3.4	4.19	7.55	0	0	-358	1	0	0	1	1	0	0.000	0
770	767	62.91	4.29	3.4	3.9	6.9	0	0	-422	1	0	0	1	1	0	0.000	0
771	768	62.99	4.67	3.5	3.53	6.36	0	0	-598	1	0	0	1	1	0	0.000	0
772	769	63.07	4.95	3.5	3.27	5.88	0	0	-768	1	0	0	1	1	0	0.000	0
773	770	63.16	4.85	3.5	3.09	5.61	0	0	-723	1	0	0	1	1	0	0.000	0
774	771	63.24	4.36	3.5	2.97	5.44	0	0	-495	1	0	0	1	1	0	0.000	0
775	772	63.32	3.85	3.5	2.88	5.32	0	0	-329	1	0	0	1	1	0	0.000	0
776	773	63.4	3.71	3.5	2.84	5.18	0	0	-294	1	0	0	1	1	0	0.000	0
777	774	63.48	4.1	3.5	2.85	5.18	0	0	-406	1	0	0	1	1	0	0.000	0
778	775	63.57	4.66	3.6	2.94	5.25	0	0	-632	1	0	0	1	1	0	0.000	0
779	776	63.65	4.91	3.5	3.3	5.52	0	0	-741	1	0	0	1	1	0	0.000	0
780	777	63.73	4.95	3.5	4.03	6.7	0	0	-704	1	0	0	1	1	0	0.000	0
781	778	63.81	4.82	3.4	4.95	8.59	0	0	-567	1	0	0	1	1	0	0.000	0
782	779	63.89	4.95	3.3	5.68	9.94	0	0	-561	1	0	0	1	1	0	0.000	0
783	780	63.98	5.08	3.3	5.98	10.35	0	0	-600	1	0	0	1	1	0	0.000	0
784	781	64.06	5.18	3.3	6.03	10.25	0	0	-544	1	0	0	1	1	0	0.000	0
785	782	64.14	5.15	3.3	5.95	10.23	0	0	-637	1	0	0	1	1	0	0.000	0
786	783	64.22	5.29	3.3	5.71	10.07	0	0	-736	1	0	0	1	1	0	0.000	0
787	784	64.3	5.76	3.4	5.25	9.22	0	0	-1127	1	0	0	1	1	0	0.000	0
788	785	64.39	6.51	3.5	4.65	8.3	0	0	-2135	1	0	0	1	1	0	0.000	0
789	786	64.47	7.07	3.5	4.2	7.32	0	0	-3387	1	0	0	1	1	0	0.000	0
790	787	64.55	7.16	3.5	3.96	6.94	0	0	-3716	1	0	0	1	1	0	0.000	0
791	788	64.63	6.72	3.5	3.9	6.88	0	0	-2726	1	0	0	1	1	0	0.000	0
792	789	64.71	5.96	3.5	3.89	6.84	0	0	-1556	1	0	0	1	1	0	0.000	0
793	790	64.8	5.17	3.5	3.86	6.84	0	0	-854	1	0	0	1	1	0	0.000	0
794	791	64.88	4.66	3.5	3.83	6.79	0	0	-573	1	0	0	1	1	0	0.000	0
795	792	64.96	4.4	3.4	3.76	6.73	0	0	-469	1	0	0	1	1	0	0.000	0
796	793	65.04	4.38	3.5	3.7	6.61	0	0	-465	1	0	0	1	1	0	0.000	0
797	794	65.12	4.32	3.5	3.65	6.53	0	0	-445	1	0	0	1	1	0	0.000	0
798	795	65.21	4.16	3.4	3.61	6.42	0	0	-393	1	0	0	1	1	0	0.000	0
799	796	65.29	3.89	3.4	3.55	6.35	0	0	-317	1	0	0	1	1	0	0.000	0
800	797	65.37	3.56	3.4	3.5	6.15	0	0	-242	1	0	0	1	1	0	0.000	0
801	798	65.45	3.28	3.4	3.43	6.08	0	0	-192	1	0	0	1	1	0	0.000	0
802	799	65.53	3.1	3.4	3.37	5.95	0	0	-166	1	0	0	1	1	0	0.000	0
803	800	65.62	3	3.4	3.31	5.83	0	0	-153	1	0	0	1	1	0	0.000	0
804	801	65.7	2.96	3.4	3.29	5.77	0	0	-148	1	0	1	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
805	802	65.78	2.98	3.4	3.29	5.78	0	0	-151	1	0	1	1	1	0	0.000	0
806	803	65.86	3.02	3.4	3.33	5.79	0	0	-156	1	0	0	1	1	0	0.000	0
807	804	65.94	3.09	3.4	3.38	5.91	0	0	-164	1	0	0	1	1	0	0.000	0
808	805	66.03	3.16	3.4	3.45	6	0	0	-173	1	0	0	1	1	0	0.000	0
809	806	66.11	3.27	3.4	3.52	6.12	0	0	-189	1	0	0	1	1	0	0.000	0
810	807	66.19	3.37	3.4	3.61	6.25	0	0	-203	1	0	0	1	1	0	0.000	0
811	808	66.27	3.55	3.4	3.68	6.41	0	0	-235	1	0	0	1	1	0	0.000	0
812	809	66.35	3.72	3.4	3.73	6.5	0	0	-269	1	0	0	1	1	0	0.000	0
813	810	66.44	3.95	3.4	3.76	6.56	0	0	-325	1	0	0	1	1	0	0.000	0
814	811	66.52	4.08	3.4	3.78	6.65	0	0	-361	1	0	0	1	1	0	0.000	0
815	812	66.6	4.21	3.4	3.78	6.66	0	0	-401	1	0	0	1	1	0	0.000	0
816	813	66.68	4.29	3.4	3.75	6.6	0	0	-430	1	0	0	1	1	0	0.000	0
817	814	66.76	4.39	3.5	3.71	6.55	0	0	-468	1	0	0	1	1	0	0.000	0
818	815	66.85	4.46	3.5	3.67	6.5	0	0	-497	1	0	0	1	1	0	0.000	0
819	816	66.93	4.6	3.5	3.63	6.47	0	0	-559	1	0	0	1	1	0	0.000	0
820	817	67.01	4.78	3.5	3.6	6.41	0	0	-647	1	0	0	1	1	0	0.000	0
821	818	67.09	4.91	3.5	3.65	6.43	0	0	-713	1	0	0	1	1	0	0.000	0
822	819	67.17	4.91	3.5	3.79	6.66	0	0	-702	1	0	0	1	1	0	0.000	0
823	820	67.26	4.85	3.4	3.99	7.03	0	0	-654	1	0	0	1	1	0	0.000	0
824	821	67.34	4.83	3.4	4.22	7.31	0	0	-626	1	0	0	1	1	0	0.000	0
825	822	67.42	4.86	3.4	4.42	7.68	0	0	-626	1	0	0	1	1	0	0.000	0
826	823	67.5	5.1	3.4	4.47	8.03	0	0	-751	1	0	0	1	1	0	0.000	0
827	824	67.58	5.54	3.4	4.41	7.85	0	0	-1063	1	0	0	1	1	0	0.000	0
828	825	67.67	6.31	3.5	4.3	7.7	0	0	-1924	1	0	0	1	1	0	0.000	0
829	826	67.75	6.95	3.5	4.28	7.69	0	0	-3177	1	0	0	1	1	0	0.000	0
830	827	67.83	7.22	3.5	4.33	7.82	0	0	-3711	1	0	0	1	1	0	0.000	0
831	828	67.91	7.08	3.5	4.4	7.98	0	0	-3329	1	0	0	1	1	0	0.000	0
832	829	67.99	6.89	3.5	4.39	8.05	0	0	-2908	1	0	0	1	1	0	0.000	0
833	830	68.08	7.01	3.5	4.27	7.9	0	0	-3217	1	0	0	1	1	0	0.000	0
834	831	68.16	7.4	3.5	4.06	7.66	0	0	-4355	1	0	0	1	1	0	0.000	0
835	832	68.24	7.99	3.6	3.84	7.34	0	0	-6745	1	0	0	1	1	0	0.000	0
836	833	68.32	8.26	3.6	3.69	7.06	0	0	-8257	1	0	0	1	1	0	0.000	0
837	834	68.4	8.19	3.6	3.58	6.98	0	0	-7970	1	0	0	1	1	0	0.000	0
838	835	68.49	7.65	3.6	3.51	6.74	0	0	-5530	1	0	0	1	1	0	0.000	0
839	836	68.57	7.11	3.6	3.4	6.58	0	0	-3821	1	0	0	1	1	0	0.000	0
840	837	68.65	6.5	3.6	3.31	6.33	0	0	-2481	1	0	0	1	1	0	0.000	0
841	838	68.73	5.87	3.6	3.25	6.18	0	0	-1563	1	0	0	1	1	0	0.000	0
842	839	68.81	5.09	3.5	3.28	6.15	0	0	-856	1	0	0	1	1	0	0.000	0
843	840	68.9	4.47	3.5	3.41	6.32	0	0	-516	1	0	0	1	1	0	0.000	0
844	841	68.98	4.2	3.5	3.6	6.6	0	0	-406	1	0	0	1	1	0	0.000	0
845	842	69.06	4.29	3.4	3.76	6.86	0	0	-429	1	0	0	1	1	0	0.000	0
846	843	69.14	4.53	3.4	3.85	6.97	0	0	-515	1	0	0	1	1	0	0.000	0
847	844	69.22	4.89	3.5	3.87	7.02	0	0	-685	1	0	0	1	1	0	0.000	0
848	845	69.31	5.32	3.5	3.87	6.99	0	0	-958	1	0	0	1	1	0	0.000	0
849	846	69.39	5.73	3.5	3.85	6.97	0	0	-1314	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
850	847	69.47	5.97	3.5	3.82	6.98	0	0	-1581	1	0	0	1	1	0	0.000	0
851	848	69.55	6.1	3.5	3.77	6.94	0	0	-1753	1	0	0	1	1	0	0.000	0
852	849	69.64	6.18	3.5	3.66	6.88	0	0	-1884	1	0	0	1	1	0	0.000	0
853	850	69.72	6.27	3.6	3.51	6.62	0	0	-2048	1	0	0	1	1	0	0.000	0
854	851	69.8	6.25	3.6	3.36	6.32	0	0	-2052	1	0	0	1	1	0	0.000	0
855	852	69.88	6	3.6	3.24	6.16	0	0	-1725	1	0	0	1	1	0	0.000	0
856	853	69.96	5.51	3.6	3.16	5.97	0	0	-1200	1	0	0	1	1	0	0.000	0
857	854	70.05	4.92	3.5	3.1	5.89	0	0	-764	1	0	0	1	1	0	0.000	0
858	855	70.13	4.33	3.5	3.05	5.84	0	0	-479	1	0	0	1	1	0	0.000	0
859	856	70.21	3.85	3.5	2.99	5.7	0	0	-326	1	0	0	1	1	0	0.000	0
860	857	70.29	3.47	3.5	2.91	5.59	0	0	-239	1	0	0	1	1	0	0.000	0
861	858	70.37	3.19	3.5	2.89	5.43	0	0	-189	1	0	0	1	1	0	0.000	0
862	859	70.46	2.94	3.5	2.85	5.54	0	0	-153	1	0	1	1	1	0	0.000	0
863	860	70.54	2.67	3.4	2.84	5.32	0	0	-121	1	0	1	1	1	0	0.000	0
864	861	70.62	2.5	3.4	2.82	5.34	0	0	-104	1	0	1	1	1	0	0.000	0
865	862	70.7	2.39	3.4	2.88	5.41	0	0	-94	1	0	1	1	1	0	0.000	0
866	863	70.78	2.37	3.4	2.91	5.53	0	0	-92	1	0	1	1	1	0	0.000	0
867	864	70.87	2.66	3.4	3	5.45	0	0	-118	1	0	1	1	1	0	0.000	0
868	865	70.95	3.42	3.4	3.2	5.71	0	0	-222	1	0	0	1	1	0	0.000	0
869	866	71.03	4.45	3.4	3.77	6.35	0	0	-488	1	0	0	1	1	0	0.000	0
870	867	71.11	5.47	3.3	5.75	7.96	0	0	-841	1	0	0	1	1	0	0.000	0
871	868	71.19	4.85	3.1	10.24	14.57	0	0	-1[illegible]74	1	0	0	1	1	0	0.000	0
872	869	71.28	4.02	2.9	17.51	27.99	0	0	19[illegible]	1	0	0	0	1	0	0.000	0
873	870	71.36	3.85	2.8	23.7	44.83	0	0	383	1	0	0	0	1	0	0.000	0
874	871	71.44	4.17	2.8	27.02	47.04	0	0	47	1	0	0	0	1	0	0.000	0
875	872	71.52	4.85	2.8	27.04	46.02	0	0	1118	1	0	0	0	1	0	0.000	0
876	873	71.6	5.59	2.9	25.99	45.05	0	0	1842	1	0	0	0	1	0	0.000	0
877	874	71.69	5.93	2.9	25.68	41.56	0	0	2329	1	0	0	0	1	0	0.000	0
878	875	71.77	5.98	2.9	27.44	44.48	0	0	2742	1	0	0	0	1	0	0.000	0
879	876	71.85	5.45	2.8	29.37	54.86	0	0	2070	1	0	0	0	1	0	0.000	0
880	877	71.93	4.76	2.7	31.61	52.02	0	0	1368	1	0	0	0	1	0	0.000	0
881	878	72.01	3.93	2.7	32.92	56.81	0	0	747	1	0	0	0	1	0	0.000	0
882	879	72.1	3.42	2.6	37.62	60.45	0	0	600	1	1	0	0	1	0	0.000	0
883	880	72.18	3.07	2.5	42.86	72.38	0	0	538	1	1	0	0	1	0	0.000	0
884	881	72.26	2.92	2.5	46.74	80.2	0	0	533	1	1	1	0	1	0	0.000	0
885	882	72.34	2.66	2.4	49.08	77.94	0	0	453	1	1	1	0	1	0	0.000	0
886	883	72.42	2.66	2.4	49.07	81.08	0	0.09	453	1	1	1	0	1	0	0.000	0
887	884	72.51	2.51	2.4	49.52	80.03	0	0.09	402	1	1	1	0	1	0	0.000	0
888	885	72.59	2.37	2.4	49.03	78.58	0	0.1	350	1	1	1	0	1	0	0.000	0
889	886	72.67	2.22	2.4	47.98	77.13	0	0.1	297	1	1	1	0	1	0	0.000	0
890	887	72.75	2.11	2.4	46.45	73.21	0	0	258	1	1	1	0	1	0	0.000	0
891	888	72.83	2.29	2.4	44.19	70.21	0	0	283	1	1	1	0	1	0	0.000	0
892	889	72.92	2.51	2.5	41.54	68.7	0	0	315	1	1	1	0	1	0	0.000	0
893	890	73	3.17	2.6	37.95	63.55	0	0	491	1	1	0	0	1	0	0.000	0
894	891	73.08	4.23	2.7	30.44	58.68	0	0	839	1	0	0	0	1	0	0.000	0

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895	892	73.16	5.85	2.9	24.98	36.89	0	0	2077	1	0	0	0	1	0	0.000	0
896	893	73.24	7.71	3.0	21	33.89	0	0	5452	1	0	0	0	1	0	0.000	0
897	894	73.33	8.14	3.0	21.43	36.92	0	0	7711	1	0	0	0	1	0	0.000	0
898	895	73.41	7.55	3.0	22.96	39.25	0	0	5999	1	0	0	0	1	0	0.000	0
899	896	73.49	6.58	2.9	26.06	42.06	0	0	3881	1	0	0	0	1	0	0.000	0
900	897	73.57	5.24	2.8	30.47	53.9	0	0	1875	1	0	0	0	1	0	0.000	0
901	898	73.65	4.23	2.7	35.71	63.81	0	0	1085	1	0	0	0	1	0	0.000	0
902	899	73.74	3.34	2.6	39.73	70.09	0	0	608	1	1	0	0	1	0	0.000	0
903	900	73.82	2.79	2.5	41.84	68.29	0	0	408	1	1	1	0	1	0	0.000	0
904	901	73.9	2.42	2.4	42.96	69.75	0	0	305	1	1	1	0	1	0	0.000	0
905	902	73.98	2.25	2.4	43.73	71.92	0	0	269	1	1	1	0	1	0	0.000	0
906	903	74.06	2.23	2.4	43.79	69.87	0	0.13	265	1	1	1	0	1	0	0.000	0
907	904	74.15	2.23	2.4	43.9	69.96	0	0.13	265	1	1	1	0	1	0	0.000	0
908	905	74.23	2.2	2.4	46.04	72.4	0	0.12	276	1	1	1	0	1	0	0.000	0
909	906	74.31	2.28	2.4	47.41	80.16	0	0.09	309	1	1	1	0	1	0	0.000	0
910	907	74.39	2.48	2.4	47.45	77.77	0	0.1	369	1	1	1	0	1	0	0.000	0
911	908	74.47	2.61	2.4	46.51	75.4	0	0.11	403	1	1	1	0	1	0	0.000	0
912	909	74.56	2.44	2.4	47.54	77.41	0	0.1	358	1	1	1	0	1	0	0.000	0
913	910	74.64	2.09	2.4	48.22	80.61	0	0.09	266	1	1	1	0	1	0	0.000	0
914	911	74.72	1.78	2.3	48.83	74	0	0.12	204	1	1	1	0	1	0	0.000	0
915	912	74.8	1.62	2.3	48.52	75.55	0	0.12	174	1	1	1	0	1	0	0.000	0
916	913	74.88	1.42	2.2	50.51	76	0	0.13	153	1	1	1	0	1	0	0.000	0
917	914	74.97	1.4	2.2	52.86	79.4	0	0.12	151	1	1	1	0	1	0	0.000	0
918	915	75.05	1.34	2.2	54.84	85.52	0	0.1	158	1	1	1	0	1	0	0.000	0
919	916	75.13	1.38	2.2	56.25	83.69	0	0.11	69	1	1	1	0	1	0	0.000	0
920	917	75.21	1.33	2.2	56.3	86.32	0	0.1	162	1	1	1	0	1	0	0.000	0
921	918	75.29	1.29	2.2	56.7	84.74	0	0.11	157	1	1	1	0	1	0	0.000	0
922	919	75.38	1.33	2.2	54.41	84.89	0	0.1	155	1	1	1	0	1	0	0.000	0
923	920	75.46	1.35	2.2	50.97	77.16	0	0.12	145	1	1	1	0	1	0	0.000	0
924	921	75.54	1.34	2.3	45.43	70.27	0	0.15	123	1	1	1	0	1	0	0.000	0
925	922	75.62	1.19	2.3	40.59	60.25	0	0.19	91	1	1	1	0	1	0	0.000	0
926	923	75.7	0.9	2.2	36.65	53.39	0	0.24	59	1	1	1	1	1	0	0.000	0
927	924	75.79	0.59	2.2	35.78	48.21	0	0.32	42	1	1	1	1	1	0	0.000	0
928	925	75.87	0.43	2.1	35.84	49.58	0	0.34	36	1	1	1	1	1	0	0.000	0
929	926	75.95	0.54	2.1	37.28	49.36	0	0.32	43	1	1	1	1	1	0	0.000	0
930	927	76.03	0.73	2.2	40.78	56.57	0	0.25	59	1	1	1	1	1	0	0.000	0
931	928	76.11	0.72	2.1	44.96	68.01	0	0.19	67	1	1	1	1	1	0	0.000	0
932	929	76.2	0.68	2.1	45.64	65.73	0	0.21	65	1	1	1	1	1	0	0.000	0
933	930	76.28	0.8	2.2	41.41	58.46	0	0.23	64	1	1	1	1	1	0	0.000	0
934	931	76.36	1.16	2.3	34.98	54.72	0	0.22	71	1	1	1	1	1	0	0.000	0
935	932	76.44	1.56	2.4	30.89	46.55	0	0.26	84	1	1	1	0	1	0	0.000	0
936	933	76.52	1.77	2.5	28.69	46.4	0	0.25	90	1	1	1	0	1	0	0.000	0
937	934	76.61	1.79	2.5	30.27	47.26	0	0.25	101	1	1	1	0	1	0	0.000	0
938	935	76.69	1.79	2.5	32.33	54.15	0	0	112	1	1	1	0	1	0	0.000	0
939	936	76.77	2.07	2.5	33.29	56.05	0	0	152	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
940	937	76.85	2.61	2.6	31.18	54.49	0	0	222	1	1	1	0	1	0	0.000	0
941	938	76.93	3.53	2.7	26.34	48.84	0	0	363	1	0	0	0	1	0	0.000	0
942	939	77.02	4.31	2.8	22.41	36.16	0	0	494	1	0	0	0	1	0	0.000	0
943	940	77.1	5.24	3.0	17.87	32.87	0	0	560	1	0	0	0	1	0	0.000	0
944	941	77.18	5.4	3.0	15.63	24.4	0	0	370	1	0	0	0	1	0	0.000	0
945	942	77.26	4.75	2.9	17.17	24.26	0	0	332	1	0	0	0	1	0	0.000	0
946	943	77.34	3.57	2.8	23.48	41.13	0	0	298	1	0	0	0	1	0	0.000	0
947	944	77.43	2.69	2.5	36.72	59.1	0	0	308	1	1	1	0	1	0	0.000	0
948	945	77.51	2.05	2.3	50	89.41	0	0	269	1	1	1	0	1	0	0.000	0
949	946	77.59	1.62	2.2	60.29	97.81	0	0	231	1	1	1	0	1	0	0.000	0
950	947	77.67	1.3	2.1	64.71	98.44	0	0	187	1	1	1	0	1	0	0.000	0
951	948	77.75	1.17	2.1	66.95	100.04	0	0	173	1	1	1	0	1	0	0.000	0
952	949	77.84	1.11	2.1	67.99	102.41	0	0.08	166	1	1	1	0	1	0	0.000	0
953	950	77.92	1.12	2.1	67.41	100.63	0	0	166	1	1	1	0	1	0	0.000	0
954	951	78	1.36	2.2	60.79	99.19	0	0	183	1	1	1	0	1	0	0.000	0
955	952	78.08	1.7	2.3	54.26	81.03	0	0	218	1	1	1	0	1	0	0.000	0
956	953	78.17	2.4	2.4	47.11	80.09	0	0	341	1	1	1	0	1	0	0.000	0
957	954	78.25	2.84	2.5	44.62	76.29	0	0	466	1	1	1	0	1	0	0.000	0
958	955	78.33	3	2.5	45.35	74.69	0	0.1	548	1	1	0	0	1	0	0.000	0
959	956	78.41	2.86	2.5	47.99	85.99	0	0.07	524	1	1	1	0	1	0	0.000	0
960	957	78.49	2.73	2.4	53.24	88.84	0	0.07	537	1	1	1	0	1	0	0.000	0
961	958	78.58	2.83	2.4	59.47	100.42	0	0.05	676	1	1	1	0	1	0	0.000	0
962	959	78.66	2.82	2.3	67.86	121.33	0	0	78	1	1	1	0	1	0	0.000	0
963	960	78.74	2.76	2.3	73.65	134.89	0	0	827	1	1	1	0	1	0	0.000	0
964	961	78.82	2.63	2.3	78.13	131.05	0	0	792	1	1	1	0	1	0	0.000	0
965	962	78.9	2.59	2.3	76.61	143.99	0	0	747	1	1	1	0	1	0	0.000	0
966	963	78.99	2.52	2.3	76.27	125.12	0	0	699	1	1	1	0	1	0	0.000	0
967	964	79.07	2.39	2.3	73.14	127.66	0	0	592	1	1	1	0	1	0	0.000	0
968	965	79.15	1.91	2.2	76.33	122.23	0	0.01	404	1	1	1	0	1	0	0.000	0
969	966	79.23	1.46	2.1	82.1	127.61	0	0.02	290	1	1	1	0	1	0	0.000	0
970	967	79.31	1.08	2.0	90.04	136.31	0	0.04	225	1	1	1	0	1	0	0.000	0
971	968	79.4	0.98	1.9	94.73	136.79	0	0.05	217	1	1	1	0	1	0	0.000	0
972	969	79.48	0.94	1.9	96.3	137.11	0	0.06	213	1	1	1	0	1	0	0.000	0
973	970	79.56	0.93	1.9	94.09	138.41	0	0.06	205	1	1	1	0	1	0	0.000	0
974	971	79.64	0.95	1.9	88.67	127.22	0	0.07	195	1	1	1	0	1	0	0.000	0
975	972	79.72	1.1	2.0	79.71	118.61	0	0.06	199	1	1	1	0	1	0	0.000	0
976	973	79.81	1.3	2.1	72.19	110.55	0	0.06	214	1	1	1	0	1	0	0.000	0
977	974	79.89	1.53	2.2	65.8	105.61	0	0.05	237	1	1	1	0	1	0	0.000	0
978	975	79.97	1.75	2.2	59.5	98.7	0	0.06	257	1	1	1	0	1	0	0.000	0
979	976	80.05	2.04	2.3	53.06	87.14	0	0.08	289	1	1	1	0	1	0	0.000	0
980	977	80.13	2.35	2.4	48.03	80.31	0	0.09	335	1	1	1	0	1	0	0.000	0
981	978	80.22	2.55	2.4	45.69	78.59	0	0.1	373	1	1	1	0	1	0	0.000	0
982	979	80.3	2.48	2.4	46.38	78.44	0	0.1	358	1	1	1	0	1	0	0.000	0
983	980	80.38	2.31	2.4	50.93	83.17	0	0.09	349	1	1	1	0	1	0	0.000	0
984	981	80.46	2.04	2.3	59.95	99.51	0	0.05	338	1	1	1	0	1	0	0.000	0

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985	982	80.54	1.9	2.2	72.65	120.23	0	0.01	377	1	1	1	0	1	0	0.000	0
986	983	80.63	1.56	2.1	86.52	144.02	0	0	339	1	1	1	0	1	0	0.000	0
987	984	80.71	1.25	2.0	101.72	154.19	0	0	305	1	1	1	0	1	0	0.000	0
988	985	80.79	1.06	1.9	110.92	172.75	0	0	281	0	1	1	0	1	0	0.000	0
989	986	80.87	1.16	1.9	114.83	170.76	0	0	321	0	1	1	0	1	0	0.000	0
990	987	80.95	1.39	2.0	107.39	182.31	0	0	370	0	1	1	0	1	0	0.000	0
991	988	81.04	1.84	2.1	94.29	159.72	0	0	485	1	1	1	0	1	0	0.000	0
992	989	81.12	2.43	2.2	83.13	133.58	0	0	714	1	1	1	0	1	0	0.000	0
993	990	81.2	2.99	2.3	79.14	146.63	0	0	1101	1	1	1	0	1	0	0.000	0
994	991	81.28	3.07	2.3	82.52	154.05	0	0	1240	1	1	0	0	1	0	0.000	0
995	992	81.36	2.93	2.3	82.04	157.23	0	0	1091	1	1	1	0	1	0	0.000	0
996	993	81.45	2.63	2.3	80.81	140.16	0	0	825	1	1	1	0	1	0	0.000	0
997	994	81.53	2.34	2.2	78.76	138.35	0	0	618	1	1	1	0	1	0	0.000	0
998	995	81.61	1.98	2.2	80.43	135.88	0	0	458	1	1	1	0	1	0	0.000	0
999	996	81.69	1.48	2.1	86.11	136.05	0	0	313	1	1	1	0	1	0	0.000	0
1000	997	81.77	1.08	2.0	91.98	143.84	0	0.02	231	1	1	1	0	1	0	0.000	0
1001	998	81.86	0.82	1.9	99.3	132.96	0	0.1	196	1	1	1	0	1	0	0.000	0
1002	999	81.94	0.81	1.9	99.9	143.03	0	0.08	196	1	1	1	0	1	0	0.000	0
1003	1000	82.02	0.85	1.9	100.71	138.97	0	0.08	205	1	1	1	0	1	0	0.000	0
1004	1001	82.1	0.94	1.9	97.61	142.92	0	0.05	216	1	1	1	0	1	0	0.000	0
1005	1002	82.18	1.17	2.0	92.69	143.69	0	0.01	254	1	1	1	0	1	0	0.000	0
1006	1003	82.27	1.26	2.0	88.8	138.29	0	0.01	263	1	1	1	0	1	0	0.000	0
1007	1004	82.35	1.35	2.1	85.65	136.12	0	0.01	27[illegible]	1	1	1	0	1	0	0.000	0
1008	1005	82.43	1.21	2.0	85.99	133.03	0	0.02	242	1	1	1	0	1	0	0.000	0
1009	1006	82.51	1.08	2.0	89.91	131.86	0	0.05	225	1	1	1	0	1	0	0.000	0
1010	1007	82.59	0.83	1.9	100.81	137.91	0	0.09	202	1	1	1	0	1	0	0.000	0
1011	1008	82.68	0.7	1.8	107.15	156.34	0	0.08	190	1	1	1	0	1	0	0.000	0
1012	1009	82.76	0.7	1.8	104.62	138.96	0	0.12	185	1	1	1	0	1	0	0.000	0
1013	1010	82.84	0.78	1.9	97	126.58	0	0.12	184	1	1	1	0	1	0	0.000	0
1014	1011	82.92	0.85	1.9	91.13	134.98	0	0.07	183	1	1	1	0	1	0	0.000	0
1015	1012	83	0.95	1.9	87.5	126.81	0	0.07	192	1	1	1	0	1	0	0.000	0
1016	1013	83.09	1.2	2.0	80.71	126.03	0	0.04	222	1	1	1	0	1	0	0.000	0
1017	1014	83.17	1.6	2.1	74.9	124.06	0	0.01	296	1	1	1	0	1	0	0.000	0
1018	1015	83.25	1.89	2.2	71.93	120.64	0	0.01	369	1	1	1	0	1	0	0.000	0
1019	1016	83.33	1.85	2.2	70.55	123.33	0	0	347	1	1	1	0	1	0	0.000	0
1020	1017	83.41	1.7	2.2	70.47	116.39	0	0	302	1	1	1	0	1	0	0.000	0
1021	1018	83.5	1.74	2.2	65.3	116.2	0	0	286	1	1	1	0	1	0	0.000	0
1022	1019	83.58	2.12	2.3	58.39	98.2	0	0	351	1	1	1	0	1	0	0.000	0
1023	1020	83.66	2.45	2.4	50.82	90.21	0	0	394	1	1	1	0	1	0	0.000	0
1024	1021	83.74	2.67	2.5	45.59	82.25	0	0	414	1	1	1	0	1	0	0.000	0
1025	1022	83.82	2.95	2.5	39.44	74.27	0	0	430	1	1	1	0	1	0	0.000	0
1026	1023	83.91	3.37	2.6	34.3	60.43	0	0	499	1	0	0	0	1	0	0.000	0
1027	1024	83.99	3.78	2.7	31.33	58.07	0	0	608	1	0	0	0	1	0	0.000	0
1028	1025	84.07	3.83	2.7	30.65	58.65	0	0	611	1	0	0	0	1	0	0.000	0
1029	1026	84.15	3.65	2.7	30.31	56.49	0	0	516	1	0	0	0	1	0	0.000	0

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1030	1027	84.23	3.35	2.7	29.81	56.03	0	0	390	1	0	0	0	1	0	0.000	0
1031	1028	84.32	2.94	2.6	29.89	55.51	0	0	275	1	0	1	0	1	0	0.000	0
1032	1029	84.4	2.47	2.6	30.53	54.92	0	0	189	1	1	1	0	1	0	0.000	0
1033	1030	84.48	2.05	2.5	31.19	55.48	0	0	134	1	1	1	0	1	0	0.000	0
1034	1031	84.56	1.83	2.5	31.51	55.08	0	0	112	1	1	1	0	1	0	0.000	0
1035	1032	84.64	1.85	2.5	31.2	54.17	0	0.2	112	1	1	1	0	1	0	0.000	0
1036	1033	84.73	2.03	2.5	30.66	54.28	0	0.2	128	1	1	1	0	1	0	0.000	0
1037	1034	84.81	2.24	2.5	31.05	54.33	0	0.19	158	1	1	1	0	1	0	0.000	0
1038	1035	84.89	2.38	2.5	32.6	58.33	0	0	194	1	1	1	0	1	0	0.000	0
1039	1036	84.97	2.36	2.5	36.22	63.71	0	0	225	1	1	1	0	1	0	0.000	0
1040	1037	85.05	2.17	2.4	42.49	73.08	0	0	240	1	1	1	0	1	0	0.000	0
1041	1038	85.14	1.86	2.3	53.7	88.5	0	0	249	1	1	1	0	1	0	0.000	0
1042	1039	85.22	1.55	2.2	66.72	116.79	0	0	246	1	1	1	0	1	0	0.000	0
1043	1040	85.3	1.24	2.1	79.82	129.69	0	0	228	1	1	1	0	1	0	0.000	0
1044	1041	85.38	1.06	2.0	89	137.74	0	0	218	1	1	1	0	1	0	0.000	0
1045	1042	85.46	0.98	1.9	94.13	145.94	0	0	216	1	1	1	0	1	0	0.000	0
1046	1043	85.55	1.05	1.9	97.25	144.93	0	0.03	239	1	1	1	0	1	0	0.000	0
1047	1044	85.63	1.12	2.0	96.49	157.53	0	0	254	1	1	1	0	1	0	0.000	0
1048	1045	85.71	1.18	2.0	94.79	150.24	0	0	263	1	1	1	0	1	0	0.000	0
1049	1046	85.79	1.21	2.0	90.53	143.86	0	0	257	1	1	1	0	1	0	0.000	0
1050	1047	85.87	1.17	2.0	86.79	139.62	0	0.01	235	1	1	1	0	1	0	0.000	0
1051	1048	85.96	1.06	2.0	83.06	129.32	0	0.05	201	1	1	1	0	1	0	0.000	0
1052	1049	86.04	0.88	2.0	81.16	116.7	0	0.09	161	1	1	1	0	1	0	0.000	0
1053	1050	86.12	0.79	1.9	80.19	116.38	0	0.1	145	1	1	1	0	1	0	0.000	0
1054	1051	86.2	0.8	1.9	79.91	116.21	0	0.1	150	1	1	1	0	1	0	0.000	0
1055	1052	86.28	0.84	1.9	78.91	116.28	0	0.09	153	1	1	1	0	1	0	0.000	0
1056	1053	86.37	0.89	2.0	77.45	116.43	0	0.08	157	1	1	1	0	1	0	0.000	0
1057	1054	86.45	0.88	2.0	74.06	115	0	0	148	1	1	1	0	1	0	0.000	0
1058	1055	86.53	1.13	2.1	67.57	104.97	0	0	168	1	1	1	0	1	0	0.000	0
1059	1056	86.61	1.61	2.2	59.31	102.01	0	0	224	1	1	1	0	1	0	0.000	0
1060	1057	86.7	2.17	2.3	53.58	94.81	0	0	329	1	1	1	0	1	0	0.000	0
1061	1058	86.78	2.55	2.4	49.78	90.49	0	0	419	1	1	1	0	1	0	0.000	0
1062	1059	86.86	2.69	2.4	46.77	89.39	0	0	436	1	1	1	0	1	0	0.000	0
1063	1060	86.94	2.9	2.5	43.27	80.77	0	0	470	1	1	1	0	1	0	0.000	0
1064	1061	87.02	3.24	2.6	39.78	74.03	0	0	559	1	1	0	0	1	0	0.000	0
1065	1062	87.11	3.2	2.6	39.3	73.32	0	0	531	1	1	0	0	1	0	0.000	0
1066	1063	87.19	2.82	2.5	42.63	77.77	0	0	430	1	1	1	0	1	0	0.000	0
1067	1064	87.27	2.24	2.4	50.06	88.61	0	0	320	1	1	1	0	1	0	0.000	0
1068	1065	87.35	1.96	2.3	56.64	105.98	0	0	292	1	1	1	0	1	0	0.000	0
1069	1066	87.43	1.84	2.2	62.8	107.2	0	0	298	1	1	1	0	1	0	0.000	0
1070	1067	87.52	1.67	2.2	66.76	118.4	0	0	275	1	1	1	0	1	0	0.000	0
1071	1068	87.6	1.51	2.1	70.9	121.15	0	0	255	1	1	1	0	1	0	0.000	0
1072	1069	87.68	1.37	2.1	72.87	122.51	0	0	231	1	1	1	0	1	0	0.000	0
1073	1070	87.76	1.33	2.1	74.07	122.11	0	0.03	227	1	1	1	0	1	0	0.000	0
1074	1071	87.84	1.33	2.1	72.91	125.49	0	0.02	223	1	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1075	1072	87.93	1.34	2.1	73.66	116.36	0	0.04	228	1	1	1	0	1	0	0.000	0
1076	1073	88.01	1.27	2.1	76.23	125.73	0	0.02	222	1	1	1	0	1	0	0.000	0
1077	1074	88.09	1.24	2.0	81.84	134.92	0	0.01	235	1	1	1	0	1	0	0.000	0
1078	1075	88.17	1.22	2.0	87.72	142.24	0	0	250	1	1	1	0	1	0	0.000	0
1079	1076	88.25	1.32	2.0	92.36	155.06	0	0	292	1	1	1	0	1	0	0.000	0
1080	1077	88.34	1.37	2.0	98.63	165.22	0	0	330	0	1	1	0	1	0	0.000	0
1081	1078	88.42	1.41	2.0	105.39	180.9	0	0	369	0	1	1	0	1	0	0.000	0
1082	1079	88.5	1.36	2.0	113.63	193.98	0	0	384	0	1	1	0	1	0	0.000	0
1083	1080	88.58	1.34	1.9	118.23	206.73	0	0	394	0	1	1	0	1	0	0.000	0
1084	1081	88.66	1.3	1.9	122.12	200.68	0	0	393	0	1	1	0	1	0	0.000	0
1085	1082	88.75	1.37	1.9	124.39	212.31	0	0	429	0	1	1	0	1	0	0.000	0
1086	1083	88.83	1.34	1.9	130.04	221.86	0	0	438	0	1	1	0	1	0	0.000	0
1087	1084	88.91	1.3	1.9	133.78	227.64	0	0	435	0	1	1	0	1	0	0.000	0
1088	1085	88.99	1.18	1.9	135.92	223.14	0	0	395	0	1	1	0	1	0	0.000	0
1089	1086	89.07	1.23	1.9	126.68	222.33	0	0	383	1	1	0	1	0	0.000	0	
1090	1087	89.16	1.34	2.0	114.99	185.92	0	0	382	0	1	1	0	1	0	0.000	0
1091	1088	89.24	1.54	2.0	99.72	180.67	0	0	392	0	1	1	0	1	0	0.000	0
1092	1089	89.32	1.45	2.0	92.42	155.77	0	0	330	1	1	1	0	1	0	0.000	0
1093	1090	89.4	1.32	2.0	84.83	144.1	0	0	264	1	1	1	0	1	0	0.000	0
1094	1091	89.48	1.01	2.0	82.87	126.63	0	0.05	191	1	1	1	0	1	0	0.000	0
1095	1092	89.57	0.83	1.9	82.05	122.4	0	0.08	159	1	1	1	0	1	0	0.000	0
1096	1093	89.65	0.62	1.8	85.83	115.48	0	0.17	136	1	1	1	0	1	0	0.000	0
1097	1094	89.73	0.57	1.8	88.22	118.33	0	0.19	131	1	1	1	0	1	0	0.000	0
1098	1095	89.81	0.8	1.9	87.25	127.65	0	0.09	166	1	1	1	0	1	0	0.000	0
1099	1096	89.89	0.89	1.9	86.84	135.76	0	0.05	80	1	1	1	0	1	0	0.000	0
1100	1097	89.98	0.93	1.9	86.02	132.6	0	0.06	185	1	1	1	0	1	0	0.000	0
1101	1098	90.06	0.83	1.9	87.05	126.62	0	0.08	170	1	1	1	0	1	0	0.000	0
1102	1099	90.14	0.83	1.9	87.24	133.22	0	0.07	171	1	1	1	0	1	0	0.000	0
1103	1100	90.22	0.92	1.9	89.1	132.43	0	0.06	191	1	1	1	0	1	0	0.000	0
1104	1101	90.3	1.13	2.0	86.2	149.01	0	0	225	1	1	1	0	1	0	0.000	0
1105	1102	90.39	1.63	2.1	82.88	141.69	0	0	344	1	1	1	0	1	0	0.000	0
1106	1103	90.47	2.26	2.2	77.64	150.44	0	0	566	1	1	1	0	1	0	0.000	0
1107	1104	90.55	2.73	2.3	76.16	150.08	0	0	839	1	1	1	0	1	0	0.000	0
1108	1105	90.63	3.08	2.3	75.06	151.19	0	0	1118	1	1	0	0	1	0	0.000	0
1109	1106	90.71	3.12	2.3	77.64	155.2	0	0	1204	1	1	0	0	1	0	0.000	0
1110	1107	90.8	2.81	2.3	86.59	169.19	0	0	1047	0	1	1	0	1	0	0.000	0
1111	1108	90.88	2.32	2.2	94.39	195.11	0	0	751	0	1	1	0	1	0	0.000	0
1112	1109	90.96	1.86	2.1	102.91	183.76	0	0	546	0	1	1	0	1	0	0.000	0
1113	1110	91.04	1.59	2.0	103.87	194.65	0	0	430	0	1	1	0	1	0	0.000	0
1114	1111	91.12	1.58	2.0	103.95	187.94	0	0	426	0	1	1	0	1	0	0.000	0
1115	1112	91.21	1.5	2.0	100.76	180.96	0	0	382	0	1	1	0	1	0	0.000	0
1116	1113	91.29	1.42	2.0	98.85	171.29	0	0	347	0	1	1	0	1	0	0.000	0
1117	1114	91.37	1.32	2.0	97.19	169.21	0	0	309	0	1	1	0	1	0	0.000	0
1118	1115	91.45	1.43	2.0	93.68	165.45	0	0	329	0	1	1	0	1	0	0.000	0
1119	1116	91.53	1.65	2.1	90.9	160.93	0	0	390	0	1	1	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1120	1117	91.62	1.83	2.1	92.08	170.35	0	0	468	0	1	1	0	1	0	0.000	0
1121	1118	91.7	1.83	2.1	98.22	184.67	0	0	504	0	1	1	0	1	0	0.000	0
1122	1119	91.78	1.61	2.0	105.63	196.19	0	0	447	0	1	1	0	1	0	0.000	0
1123	1120	91.86	1.27	1.9	113.18	194.34	0	0	351	0	1	1	0	1	0	0.000	0
1124	1121	91.94	1.2	1.9	115.85	196.37	0	0	337	0	1	1	0	1	0	0.000	0
1125	1122	92.03	1.36	2.0	115.88	203.03	0	0	392	0	1	1	0	1	0	0.000	0
1126	1123	92.11	1.49	2.0	116.25	208.54	0	0	445	0	1	1	0	1	0	0.000	0
1127	1124	92.19	1.48	2.0	117.52	211.49	0	0	446	0	1	1	0	1	0	0.000	0
1128	1125	92.27	1.36	1.9	120.35	209.64	0	0	409	0	1	1	0	1	0	0.000	0
1129	1126	92.35	1.32	1.9	121.67	214.62	0	0	399	0	1	1	0	1	0	0.000	0
1130	1127	92.44	1.25	1.9	122.75	214.42	0	0	377	0	1	1	0	1	0	0.000	0
1131	1128	92.52	1.15	1.9	122.14	203.97	0	0	341	0	1	1	0	1	0	0.000	0
1132	1129	92.6	1.1	1.9	119.52	196.21	0	0	317	0	1	1	0	1	0	0.000	0
1133	1130	92.68	1.05	1.9	117.09	188.95	0	0	295	0	1	1	0	1	0	0.000	0
1134	1131	92.76	1.12	1.9	113.05	187.92	0	0	304	1	1	0	1	0	0.000	0
1135	1132	92.85	1.13	1.9	111	183.2	0	0	300	0	1	1	0	1	0	0.000	0
1136	1133	92.93	1.13	1.9	109.75	183.13	0	0	297	0	1	1	0	1	0	0.000	0
1137	1134	93.01	1.12	1.9	108.96	182.82	0	0	291	0	1	1	0	1	0	0.000	0
1138	1135	93.09	1.27	2.0	103.81	183.55	0	0	318	0	1	1	0	1	0	0.000	0
1139	1136	93.17	1.51	2.0	97.17	174.6	0	0	370	0	1	1	0	1	0	0.000	0
1140	1137	93.26	1.74	2.1	93.34	171.27	0	0	437	0	1	1	0	1	0	0.000	0
1141	1138	93.34	1.75	2.1	91.38	180.24	0	0	431	0	1	1	0	1	0	0.000	0
1142	1139	93.42	1.67	2.1	90.9	165.28	0	0	397	0	1	1	0	1	0	0.000	0
1143	1140	93.5	1.57	2.1	91.71	163.44	0	0	366	0	1	1	0	1	0	0.000	0
1144	1141	93.58	1.47	2.0	96.93	176.98	0	0	355	0	1	1	0	1	0	0.000	0
1145	1142	93.67	1.33	2.0	105.69	186.38	0	0	344	0	1	1	0	1	0	0.000	0
1146	1143	93.75	1.25	1.9	112.24	199.52	0	0	341	0	1	1	0	1	0	0.000	0
1147	1144	93.83	1.25	1.9	114.64	203.72	0	0	349	0	1	1	0	1	0	0.000	0
1148	1145	93.91	1.3	2.0	112.45	199.48	0	0	358	0	1	1	0	1	0	0.000	0
1149	1146	93.99	1.29	2.0	110.18	191.72	0	0	347	0	1	1	0	1	0	0.000	0
1150	1147	94.08	1.24	2.0	105.24	191.57	0	0	314	0	1	1	0	1	0	0.000	0
1151	1148	94.16	1.14	2.0	98.71	166.03	0	0	265	0	1	1	0	1	0	0.000	0
1152	1149	94.24	1.05	2.0	89.9	146.03	0	0.01	219	1	1	1	0	1	0	0.000	0
1153	1150	94.32	0.92	2.0	84.37	133.25	0	0	179	1	1	1	0	1	0	0.000	0
1154	1151	94.41	0.95	2.0	79.9	128.45	0	0	173	1	1	1	0	1	0	0.000	0
1155	1152	94.49	1.17	2.1	75.07	128.61	0	0	198	1	1	1	0	1	0	0.000	0
1156	1153	94.57	1.67	2.2	69.36	128.44	0	0	288	1	1	1	0	1	0	0.000	0
1157	1154	94.65	2.01	2.3	65.55	125.86	0	0	368	1	1	1	0	1	0	0.000	0
1158	1155	94.73	2.46	2.4	55.89	123.36	0	0	451	1	1	1	0	1	0	0.000	0
1159	1156	94.82	3.24	2.5	44.29	84.38	0	0	651	1	1	0	0	1	0	0.000	0
1160	1157	94.9	5.24	2.8	32.24	69.11	0	0	2059	1	0	0	0	1	0	0.000	0
1161	1158	94.98	7.28	2.9	26.14	46.27	0	0	6465	1	0	0	0	1	0	0.000	0
1162	1159	95.06	8.3	3.0	22.66	42.77	0	0	9786	1	0	0	0	1	0	0.000	0
1163	1160	95.14	5.93	2.9	27.03	45.43	0	0	2568	1	0	0	0	1	0	0.000	0
1164	1161	95.23	3.5	2.6	37.52	75.74	0	0	639	1	1	0	0	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1165	1162	95.31	2.15	2.3	57.99	117.92	0	0	358	1	1	1	0	1	0	0.000	0
1166	1163	95.39	1.61	2.1	79	146.4	0	0	319	1	1	1	0	1	0	0.000	0
1167	1164	95.47	1.39	2.0	92.57	179.53	0	0	313	0	1	1	0	1	0	0.000	0
1168	1165	95.55	1.28	2.0	98.78	180.29	0	0	304	0	1	1	0	1	0	0.000	0
1169	1166	95.64	1.26	2.0	98.44	170.74	0	0	297	0	1	1	0	1	0	0.000	0
1170	1167	95.72	1.3	2.0	95.87	174.46	0	0	299	0	1	1	0	1	0	0.000	0
1171	1168	95.8	1.29	2.0	94.84	168.29	0	0	292	0	1	1	0	1	0	0.000	0
1172	1169	95.88	1.31	2.0	91.71	166.66	0	0	287	0	1	1	0	1	0	0.000	0
1173	1170	95.96	1.32	2.0	89.95	157.77	0	0	283	1	1	1	0	1	0	0.000	0
1174	1171	96.05	1.39	2.1	87.35	161.55	0	0	292	0	1	1	0	1	0	0.000	0
1175	1172	96.13	1.44	2.1	86.36	157.58	0	0	302	1	1	1	0	1	0	0.000	0
1176	1173	96.21	1.43	2.1	86.27	157.45	0	0	299	1	1	1	0	1	0	0.000	0
1177	1174	96.29	1.36	2.0	87.64	160.15	0	0	285	0	1	1	0	1	0	0.000	0
1178	1175	96.37	1.28	2.0	88.94	159.75	0	0	269	1	1	1	0	1	0	0.000	0
1179	1176	96.46	1.31	2.0	86.28	160.22	0	0	267	1	1	1	0	1	0	0.000	0
1180	1177	96.54	1.45	2.1	80.68	147.66	0	0	282	1	1	1	0	1	0	0.000	0
1181	1178	96.62	1.58	2.1	73.71	137.65	0	0	285	1	1	1	0	1	0	0.000	0
1182	1179	96.7	1.63	2.2	69.17	127.64	0	0	277	1	1	1	0	1	0	0.000	0
1183	1180	96.78	1.57	2.2	66.23	124.46	0	0	248	1	1	1	0	1	0	0.000	0
1184	1181	96.87	1.58	2.2	66.37	118.06	0	0.02	251	1	1	1	0	1	0	0.000	0
1185	1182	96.95	1.71	2.2	64.71	130.14	0	0	275	1	1	1	0	1	0	0.000	0
1186	1183	97.03	1.84	2.2	64.66	120.36	0	0.01	309	1	1	1	0	1	0	0.000	0
1187	1184	97.11	1.83	2.2	61.27	123.41	0	0	284	1	1	1	0	1	0	0.000	0
1188	1185	97.19	1.65	2.2	60.12	109.32	0	0.04	237	1	1	1	0	1	0	0.000	0
1189	1186	97.28	1.38	2.2	59.61	106.81	0	0.05	82	1	1	1	0	1	0	0.000	0
1190	1187	97.36	1.1	2.1	60.45	108.39	0	0.06	142	1	1	1	0	1	0	0.000	0
1191	1188	97.44	0.82	2.0	61.69	98.77	0	0.1	111	1	1	1	0	1	0	0.000	0
1192	1189	97.52	0.63	2.0	59.71	94.57	0	0.14	89	1	1	1	0	1	0	0.000	0
1193	1190	97.6	0.52	2.0	57.14	82.86	0	0.21	75	1	1	1	1	1	0	0.000	0
1194	1191	97.69	0.64	2.0	51.92	80.37	0	0.17	75	1	1	1	1	1	0	0.000	0
1195	1192	97.77	0.79	2.1	48.54	80.08	0	0.14	79	1	1	1	1	1	0	0.000	0
1196	1193	97.85	0.93	2.2	46.85	78.74	0	0.13	86	1	1	1	0	1	0	0.000	0
1197	1194	97.93	1.05	2.2	45.72	80.62	0	0.12	94	1	1	1	0	1	0	0.000	0
1198	1195	98.01	1.21	2.2	45.55	80.26	0	0.11	109	1	1	1	0	1	0	0.000	0
1199	1196	98.1	1.31	2.3	45.6	83.77	0	0.1	120	1	1	1	0	1	0	0.000	0
1200	1197	98.18	1.23	2.2	47.53	84.04	0	0.1	118	1	1	1	0	1	0	0.000	0
1201	1198	98.26	1.14	2.2	46.96	88.52	0	0.09	106	1	1	1	0	1	0	0.000	0
1202	1199	98.34	1.07	2.2	46.18	77.74	0	0.13	97	1	1	1	0	1	0	0.000	0
1203	1200	98.42	1.04	2.2	43.28	77.69	0	0.12	86	1	1	1	0	1	0	0.000	0
1204	1201	98.51	1.02	2.2	40.92	72.67	0	0	78	1	1	1	1	1	0	0.000	0
1205	1202	98.59	1.35	2.4	34.72	66.2	0	0	84	1	1	1	0	1	0	0.000	0
1206	1203	98.67	2.03	2.6	26.19	54.56	0	0	97	1	1	1	0	1	0	0.000	0
1207	1204	98.75	3.11	2.8	20.12	38.07	0	0	140	1	0	0	0	1	0	0.000	0
1208	1205	98.83	4.22	3.0	14.64	29.13	0	0	99	1	0	0	0	1	0	0.000	0
1209	1206	98.92	5.41	3.1	10.47	20.68	0	0	-242	1	0	0	1	1	0	0.000	0

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	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U
1210	1207	99	7.12	3.3	7.13	13.83	0	0	-2271	1	0	0	1	1	0	0.000	0
1211	1208	99.08	9.39	3.5	4.89	10.32	0	0	-15156	1	0	0	1	1	0	0.000	0
1212	1209	99.16	9.55	3.6	3.79	8.53	0	0	-19249	1	0	0	1	1	0	0.000	0
1213	1210	99.24	7.64	3.6	3.27	7.96	0	0	-5638	1	0	0	1	1	0	0.000	0
1214	1211	99.33	4.87	3.5	3.09	7.56	0	0	-735	1	0	0	1	1	0	0.000	0
1215	1212	99.41	3.87	3.5	3.02	7.47	0	0	-330	1	0	0	1	1	0	0.000	0
1216	1213	99.49	3.68	3.5	2.99	7.39	0	0	-283	1	0	0	1	1	0	0.000	0
1217	1214	99.57	3.63	3.5	2.99	7.23	0	0	-271	1	0	0	1	1	0	0.000	0
1218	1215	99.65	3.55	3.5	3.02	7.24	0	0	-253	1	0	0	1	1	0	0.000	0
1219	1216	99.74	3.47	3.5	3.11	7.38	0	0	-234	1	0	0	1	1	0	0.000	0
1220	1217	99.82	3.41	3.4	3.22	7.48	0	0	-220	1	0	0	1	1	0	0.000	0
1221	1218	99.9	3.15	3.4	3.38	7.66	0	0	-173	1	0	0	1	1	0	0.000	0
1222	1219	99.98	2.87	3.4	3.56	8	0	0	-133	1	0	1	1	1	0	0.000	0
1223	1220	100.06	3.22	3.4	3.78	8.27	0	0	-176	1	0	0	1	1	0	0.000	0
1224	1221	100.15	3.75	3.4	4.02	8.66	0	0	-267	1	0	0	1	1	0	0.000	0
1225	1222	100.23	2.71	3.3	4.35	9.19	0	0	-106	1	0	1	1	1	0	0.000	0
1226	1223	100.31	1.35	3.1	4.56	9.96	0	0	-30	1	0	1	1	1	0	0.000	0
1227	1224	100.39	0	4.1	4.41	9.96	0	0	-8	1	0	1	1	1	0	0.000	0
1228	1225	100.47	0	4.1	4.06	8.64	0	0	-8	1	0	1	1	1	0	0.000	0
1229	1226	100.56	0	4.1	3.74	8.18	0	0	-9	1	0	1	1	1	0	0.000	0

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APPENDIX G

SITE-SPECIFIC RESPONSE SPECTRA

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APPENDIX G

SITE-SPECIFIC RESPONSE SPECTRA

This appendix presents the details of our estimation of the level of ground shaking at the site during future earthquakes. The development site coordinates are 37.2394° (latitude) and -121.8006° (longitude). To develop site-specific response spectra in accordance with 2022 California Building Code (CBC) criteria, and by reference ASCE 7-16, we performed probabilistic seismic hazard analysis (PSHA) and deterministic analysis to develop smooth, site-specific horizontal spectra for two levels of shaking, namely:

- Risk-Targeted Maximum Considered Earthquake (MCER), which corresponds to the lesser of the risk-targeted two percent probability of exceedance in 50 years (2,475-year return period) or 84th percentile of the controlling deterministic event both considering the maximum direction as described in ASCE 7-16, with appropriate lower limit checks.

- Design Earthquake (DE), which corresponds to 2/3 of the MCE_R.

G1.0 PROBABILISTIC SEISMIC HAZARD ANALYSIS

Because the location, recurrence interval, and magnitude of future earthquakes are uncertain, we performed a PSHA, which systematically accounts for these uncertainties. The results of a PSHA define a uniform hazard for a site in terms of a probability that a particular level of shaking will be exceeded during the given life of the structure.

To perform a PSHA, information regarding the seismicity, location, and geometry of each source, along with empirical relationships that describe the rate of attenuation of strong ground motion with increasing distance from the source, are needed. The assumptions necessary to perform the PSHA are that:

- the geology and seismic tectonic history of the region are sufficiently known, such that the rate of occurrence of earthquakes can be modeled by historic or geologic data

- the level of ground motion at a particular site can be expressed by an attenuation relationship that is primarily dependent upon earthquake magnitude and distance from the source of the earthquake

- the earthquake occurrence can be modeled as a Poisson process with a constant mean occurrence rate.

As part of the development of the site-specific spectra, we performed a PSHA to develop a site-specific response spectrum for 2 percent probability of exceedance in 50 years. The ground surface spectrum was developed using the OpenSHA Hazard Spectrum Application 1.5.2. The approach used in PSHA is based on the probabilistic seismic hazard model developed by Cornell (1968) and McGuire (1976). Our analysis modeled the faults in the Bay Area as linear sources, and earthquake activities were assigned to the faults based on historical and geologic

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data. The levels of shaking were estimated using ground motion models (GMMs) that are primarily dependent upon the magnitude of the earthquake and the distance from the site to the fault, as well as the average shear wave velocity of the upper 30 meters, V_{S30}.

G1.1 Probabilistic Model

In probabilistic models, the occurrence of earthquake epicenters on a given fault is assumed to be uniformly distributed along the fault. This model considers ground motions arising from the portion of the fault rupture closest to the site rather than from the epicenter. Fault rupture lengths were modeled using fault rupture length-magnitude relationships given by Wells and Coppersmith (1994).

The probability of exceedance, $P_e(Z)$, at a given ground-motion, Z, at the site within a specified time period, T, is given as:

$$P_e(Z) = 1 - e^{-V(z)T}$$

where V(z) is the mean annual rate of exceedance of ground motion level Z. V(z) can be calculated using the total-probability theorem.

$$V(z) = \sum_i v_i \iint P[Z > z \mid m,r] f_{M_i}(m) f_{R_i|M_i}(r;m)\,dr\,dm$$

where:

v_i = the annual rate of earthquakes with magnitudes greater than a threshold M_{oi} in source i

P [Z > z | m,r] = probability that an earthquake of magnitude m at distance r produces ground motion amplitude Z higher than z

f_{Mi} (m) and $f_{Ri|Mi}$ (r;m) = probability density functions for magnitude and distance

Z represents peak ground acceleration, or spectral acceleration values for a given frequency of vibration. The peak accelerations are assumed to be log-normally distributed about the mean with a standard error that is dependent upon the magnitude and attenuation relationship used.

G1.2 Source Modeling and Characterization

The segmentation of faults, maximum magnitudes, and recurrence rates were modeled using the data presented in the Uniform California Earthquake Rupture Forecast Version 3 (UCERF3) as detailed in the United States Geological Survey Open File Report 2013-1165. These and other faults of the region are shown on Figure 9. Table G-1 presents the distance and direction from the site to the fault, mean moment magnitude, mean slip rate, and fault length for individual fault segments in UCERF3 source model. The mean moment magnitude presented in Table G-1 was computed assuming full rupture of the segment using Hanks and Bakun (2008) relationship.

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TABLE G-1
Source Zone Parameters

Fault Name	Approx. Distance from Fault (km)	Direction from Site	Mean Moment Magnitude[1]	Mean Slip Rate (mm/yr)	Fault Length (km)
Monte Vista - Shannon 2011 CFM	4.2	South	7.0	0.8	60
Silver Creek 2011 CFM	5.6	Northeast	6.7	0.1	48
Hayward (So) extension 2011 CFM	7.0	East	6.1	4.3	23
Total Hayward-Rodgers Creek Healdsburg	7.0	East	7.6	7.3	213
Calaveras (Central) 2011 CFM	12	East	6.75	10.2	52
Sargent 2011 CFM	15	Southwest	6.8	1.7	57
San Andreas (Santa Cruz Mts) 2011 CFM	17	Southwest	7.0	18.6	63
San Andreas 1906 event	17	Southwest	8.1	17.2	464
Butano 2011 CFM	17	Southwest	6.7	0.7	46
Hayward (So) 2011 CFM	18	North	6.9	9.8	54
San Andreas (Peninsula) 2011 CFM	19	West	7.2	15.1	100
Zayante-Vergeles 2011 CFM	22	Southwest	7.1	0.1	90
Zayante-Vergeles	23	Southwest	6.9	0.1	58
Calaveras (No) 2011 CFM	24	North	6.8	4.8	48
Mission (connected) 2011 CFM	24	North	6.1	0.8	28
Greenville (So) 2011 CFM	29	East	6.5	1.8	29
Calaveras (So) 2011 CFM	32	Southeast	6.4	11.6	26
Pilarcitos 2011 CFM	33	West	6.7	0.7	51
Greenville (No) 2011 CFM	38	Northeast	6.9	2.6	51
Las Positas	41	North	6.3	0.4	15
Reliz 2011 CFM	44	Southwest	7.3	0.3	127
Ortigalita (North)	45	East	6.6	1.8	40
San Gregorio (North) 2011 CFM	45	West	7.3	4.6	129
Monterey Bay-Tularcitos	45	Southwest	7.2	0.6	86
Quien Sabe 2011 CFM	51	Southeast	6.4	0.9	25
San Gregorio (South) 2011 CFM	54	Southwest	7.1	2.1	90
Great Valley 07 (Orestimba)	54	Northeast	6.8	0.5	66
Mount Diablo Thrust South	54	North	6.2	1.5	11
Mount Diablo Thrust	55	North	6.6	1.6	25
San Andreas (Creeping Section) 2011 CFM	56	Southeast	7.3	18.7	121
Calaveras (So) - Paicines extension 2011 CFM	57	Southeast	6.9	7.1	60
Ortigalita (South)	60	East	6.9	1.2	62
Mount Diablo Thrust North CFM	60	North	6.4	1.8	19
Great Valley 08 (Quinto)	63	East	6.0	0.3	19

[1] Mean Moment Magnitude based on entire fault length rupturing using Hanks and Bakun (2008)

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Fault Name	Approx. Distance from Fault (km)	Direction from Site	Mean Moment Magnitude[1]	Mean Slip Rate (mm/yr)	Fault Length (km)
Great Valley 06 (Midland) 2011 CFM alt1	69	North	7.1	0.3	69
Hayward (No) 2011 CFM	69	Northwest	6.8	8.3	53
Clayton	69	North	6.4	0.7	16
Franklin 2011 CFM	71	North	6.7	1.1	38
Great Valley 06 Midland alt2	71	North	6.7	0.3	33
Contra Costa (Larkey) 2011 CFM	73	North	6.0	0.8	8
Contra Costa (Lafayette) 2011 CFM	73	North	6.1	0.8	8
Great Valley 09 (Laguna Seca)	74	East	6.6	1.6	39
Concord 2011 CFM	75	North	6.4	3.4	18
Contra Costa (Reliez Valley) 2011 CFM	76	North	5.9	0.2	6
Contra Costa Shear Zone (connector) 2011 CFM	79	North	6.6	0.9	30
Contra Costa (Southampton) 2011 CFM	82	North	6.2	0.1	11
Contra Costa (Briones) 2011 CFM	82	Northwest	6.0	0.4	9
Los Medanos - Roe Island	83	North	6.4	0.2	21
Point Reyes 2011 connector	86	Northwest	6.5	0.1	34
Great Valley 05 Pittsburg Kirby Hills alt2	87	North	6.8	1.0	32
Great Valley 05 Pittsburg - Kirby Hills alt1	89	North	6.3	1.0	21
Contra Costa (Dillon Point) 2011 CFM	92	Northwest	6.1	0.7	11
Contra Costa (Ozal - Columbus) 2011 CFM	93	North	6.1	0.4	9
Green Valley 2011 CFM	93	North	6.8	3.8	43

Note:
1. The table above is a summary and does not include all the fault segmentation, alternate traces and low activity faults included in the UCERF3 model.

G1.3 Ground Motion Models

Based on the subsurface conditions, the site is classified as a stiff soil profile, Site Class D. Using the subsurface information including shear wave velocity measurements performed at the site, we estimate the shear wave velocity of the upper 100 feet (30 meters), V_{S30}, is approximately 840 feet per second (255 meters per second). Furthermore, NGAW-2 database indicates that depths Z_1 and $Z_{2.5}$ at close by recording stations are about 300 meters and 0.85 kilometers, respectively. These values were used in the development of site-specific spectra.

The Pacific Earthquake Engineering Research Center (PEER) embarked on the NGA-West 2 project to update the previously developed NGA GMMs. The updated models were published in 2014. We used the GMMs developed by Abrahamson et al. (2014), Boore et al. (2014), Campbell and Bozorgnia (2014) and Chiou and Youngs (2014). These GMMs include the average shear wave velocity in the upper 100 feet. Furthermore, these models were developed using the same earthquake database, therefore, the average of the models (using equal weights for each attenuation relationship) is appropriate and was used to develop the recommended spectra.

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The NGA-West 2 database includes the most up-to-date recorded and processed data. The NGA-West 2 models were developed for the "average" (Rot_{D50}) horizontal component of spectral acceleration.

G1.4 Maximum Direction

ASCE 7-16 specifies the development of MCE_R site-specific response spectra in the maximum direction. Shahi and Baker (2014) provide scaling factors that modify the geometric mean spectra to provide spectral values for the maximum response (maximum direction). Therefore, we used the scaling factors presented on Table 1 of Shahi and Baker (2014) for ratios of $Sa_{RotD100}/Sa_{GMRotD50}$ to modify the mean PSHA results.

G1.5 Near-Source Effects

The site is in the near-field region (i.e., distances less than about 15 kilometers from a fault) and therefore may experience near-field directivity effects during an earthquake on a nearby fault. It has been recognized that ground motions recorded in the near-field regions show rupture directivity and near-source effects such as velocity and displacements pulses (sometimes referred to as "fling"). In general, such effects tend to increase the long period portion of the acceleration response spectrum when compared to the average spectrum. These effects have been demonstrated by Golesorkhi and Gouchon (2002), Somerville et al. (1995 and 1997), and Singh (1985). Somerville et al. (1997) and Abrahamson (2000) quantified near-source directivity effects and provided scaling factors for modifying the average spectra to capture these effects. Bayless et al. (2020) and Watson-Lamprey (2018) provide a more recent and updated methodology to incorporate these effects in the development of response spectra with consideration of near-source effects. Directivity effects were quantified by randomizing the hypocenter using a uniform distribution for each rupture location and magnitude using the Bayless et al. (2020) and Watson-Lamprey (2018) approaches. The average directivity spectrum was developed using the average quantification of both approaches.

G2.0 PSHA RESULTS

Figure G-1 presents the mean results of the PSHA for the 2 percent probability of exceedance in 50 years hazard level (2,475-year return period) using the four GMMs discussed above as well as the mean of these models and the mean in the maximum direction including average directivity.

As previously discussed, we used the average of the Bayless et al. (2020) and Watson-Lamprey (2018) relationships to account for the average directivity at the site. Figure G-2 presents average directivity quantifications using the two relationships as well as the average of both relationships.

Figure G-3 presents the deaggregation plots of the PSHA results for the 2 percent probability of exceedance in 50 years hazard level. We examined the deaggregation plots for shorter periods because we anticipate the periods of interest for the six-story hospital structure to be less than four seconds. Based on the deaggregation results for a 2 percent probability of exceedance in

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50 years, the mean Moment Magnitude and mean distance are approximately 7.2 and 13 kilometers from the site, respectively. From the examination of these results, it can be seen that the Hayward-Rodgers Creek fault dominates the hazard at the project site at shorter periods. We conclude a Moment Magnitude 7.2 occurring on the Hayward-Rodgers Creek fault should be used to perform the deterministic analysis. Because a Moment Magnitude 7.2 occurring on the Hayward-Rodgers Creek fault would likely rupture the entire length of the fault, we selected the closest distance from the site to the fault, which is about 7 kilometers, for the deterministic analysis.

G3.0 DETERMINISTIC ANALYSIS

We performed a deterministic analysis to develop the MCE_R spectrum at the site. In a deterministic analysis, a given magnitude earthquake occurring at a certain distance from the source is considered as input into an appropriate GMM. The same GMMs, weighting factors, maximum direction factors and near-source effects as discussed in Sections G1.3, G1.4, and G1.5 were used in our deterministic analysis.

Figure G-4 presents the 84th percentile deterministic results for a Moment Magnitude (M_W) 7.2 event occurring on the Hayward-Rodgers Creek fault about 7 km from the site using the same four GMMs as well as the average of these models and the average in the maximum direction including average directivity.

To confirm the Hayward-Rodgers Creek fault dominates the hazard up to a period of four seconds, we developed deterministic spectra for the earthquake scenario of a Moment Magnitude of 8.1 on the San Andreas fault at a distance of 17 kilometers from the site. Figure G-5 presents the 84th percentile deterministic results for the San Andreas scenario. The average of the four GMMs for the geometric mean and the average in the maximum direction are also presented on this figure.

Figure G-6 presents the average of the 84th percentile deterministic results in the maximum direction for both scenarios as well as the recommended envelope of both scenarios. We conclude that the Hayward-Rodgers Creek scenario governs at all periods up to four seconds and should be used as the deterministic basis for the development of the MCE_R.

G4.0 RECOMMENDED SPECTRA

The MCE_R as defined in ASCE 7-16 is the lesser of the maximum direction PSHA spectrum having a two percent probability of exceedance in 50 years (2,475-year return period) or the maximum direction 84th percentile deterministic spectrum of the governing earthquake scenario and the DE spectrum is defined as 2/3 times the MCE_R spectrum. Furthermore, the MCE_R spectrum is defined as a risk-targeted response spectrum, which corresponds to a targeted collapse probability of one percent in 50 years. The USGS Risk-Targeted Ground Motion calculator was used to determine the risk coefficients for each period of interest for the probabilistic spectrum. We used these risk coefficients to develop the risk-targeted PSHA spectrum.

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Furthermore, we followed the procedures outlined in Chapter 21 of ASCE 7-16 and Supplement No. 1 to develop the site-specific spectra for MCE_R and DE. Chapter 21 of ASCE 7-16 requires the following checks:

- the largest spectral response acceleration of the resulting 84th percentile deterministic ground motion response spectra shall not be less than $1.5 \times F_a$ where F_a is equal to 1.0.

- the DE spectrum shall not fall below 80 percent of Sa determined in accordance with Section 11.4.6, where F_a is determined using Table 11.4-1 and F_v is taken as 2.5 for $S_1 \geq 0.2$ (Section 21.3 of Chapter 21 ASCE 7-16).

- The site-specific MCE_R spectral response acceleration at any period shall not be taken as less than 150 percent of the site-specific design response spectrum determined in accordance with Section 21.3.

Table G-2 presents digitized values of the site-specific spectra for the mean results of the PSHA 2,475-year return period hazard level and the average results of the 84th percentile deterministic, including average directivity. The maximum direction factors and risk coefficients along with the digitized values of the site-specific spectra for the risk-targeted PSHA 2,475-year return period in the maximum direction and the 84th percentile deterministic in the maximum direction, including average directivity, are presented in Table G-2. Table G-3 presents digitized values of the site-specific spectra for the risk-targeted PSHA 2,475-year return period in the maximum direction and the 84th percentile deterministic in the maximum direction, including average directivity. The largest spectral response acceleration of the 84th percentile deterministic response spectrum in the maximum direction is 1.935g and is greater than $1.5 \times F_a$ (where F_a = 1.0 for Site Class D); therefore, no further scaling of the 84th percentile deterministic spectra was needed.

Figure G-7 and Table G-3 present a comparison of the site-specific spectra for the risk-targeted 2,475-year return period PSHA and the 84th percentile deterministic spectra, both in the maximum direction including average directivity. In this case, the 84th percentile deterministic spectrum is less than the risk-targeted PSHA spectrum for a 2 percent probability of exceedance in 50 years (2,475-year return period) for periods less than or equal to 4 seconds, therefore, the basis for the development of the MCE_R spectrum should be the deterministic spectrum for periods up to 4 seconds. The DE spectrum is defined as 2/3 times the MCE_R; however, the DE spectrum should not be less than 80 percent of the DE code spectrum as determined using F_a equal to 1.0 and F_v equal to 2.5 (per Section 21.3 of ASCE 7-16). As shown on Figure G-7 and Table G-3, the DE spectrum is greater than or equal to 80 percent of the of the DE code spectrum for periods up to approximately 4 seconds.

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TABLE G-2

Development of Site-Specific Spectra for the Risk-Targeted 2,475-year Return Period PSHA and the 84th Percentile Deterministic Spectra in Maximum Direction

Period (sec.)	Sa (g) for 5 percent damping		Max. Dir. Factors (Shahi and Baker 2014)	Risk Coefficients[1]	Sa (g) for 5 percent damping	
	Mean PSHA – 2,475-Year Return Period with Average Directivity	Average Deter-ministic 84th Percentile with Average Directivity			Risk-Targeted PSHA – 2,475-Year Return Period Max. Dir. with Average Directivity	Deter-ministic 84th Percentile Max. Dir. with Average Directivity
0.01	0.907	0.625	1.19	1.04	1.122	0.744
0.10	1.613	0.949	1.19	1.03	1.977	1.129
0.20	2.036	1.305	1.21	1.05	2.587	1.579
0.30	2.264	1.518	1.22	1.03	2.845	1.852
0.40	2.286	1.573	1.23	1.01	2.839	1.935
0.50	2.241	1.565	1.23	1.00	2.757	1.925
0.75	1.917	1.352	1.24	0.97	2.306	1.677
1.00	1.641	1.171	1.24	0.96	1.953	1.452
1.50	1.214	0.873	1.24	0.94	1.415	1.083
2.00	0.960	0.684	1.24	0.93	1.107	0.848
3.00	0.666	0.467	1.25	0.92	0.766	0.583
4.00	0.488	0.328	1.26	0.92	0.566	0.413

Note:
1. The USGS Risk-Targeted Ground Motion calculator was used to determine the risk coefficients for each period of interest for the probabilistic spectrum, https://earthquake.usgs.gov/designmaps/rtgm/.

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TABLE G-3
Comparison of Site-specific and Code Spectra for Development of MCE_R Spectrum per ASCE 7-16
Sa (g) for 5 percent damping

Period (sec.)	Risk Targeted PSHA – 2,475-Year Return Period Max. Dir. with Average Directivity	Deter-ministic 84th Percentile Max. Dir. with Average Directivity	Lesser of PSHA and Deter-ministic (Initial MCE_R)	2/3 of Initial MCE_R (Initial DE)	ASCE 7-16 – 80% DE per Section 21.3 Site Class D; F_v = 2.50	Recommended Spectra	
						DE	MCE_R
0.01	1.122	0.744	0.744	0.496	0.416	0.496	0.744
0.10	1.977	1.129	1.129	0.753	0.709	0.753	1.129
0.20	2.587	1.579	1.579	1.053	0.959	1.053	1.579
0.30	2.845	1.852	1.852	1.235	0.959	1.235	1.852
0.40	2.839	1.935	1.935	1.290	0.959	1.290	1.935
0.50	2.757	1.925	1.925	1.284	0.959	1.284	1.925
0.75	2.306	1.677	1.677	1.118	0.959	1.118	1.677
1.00	1.953	1.452	1.452	0.968	0.849	0.968	1.452
1.50	1.415	1.083	1.083	0.722	0.566	0.722	1.083
2.00	1.107	0.848	0.848	0.565	0.425	0.565	0.848
3.00	0.766	0.583	0.583	0.389	0.283	0.389	0.583
4.00	0.566	0.413	0.413	0.276	0.212	0.276	0.413

The recommended MCE_R and DE spectra are presented in Table G-4 and on Figure G-8.

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TABLE G-4
Recommended MCE_R and DE Spectra
Sa (g) for 5 percent damping

Period (seconds)	MCE_R	DE
0.01	0.744	0.496
0.10	1.129	0.753
0.20	1.579	1.053
0.30	1.852	1.235
0.40	1.935	1.290
0.50	1.925	1.284
0.75	1.677	1.118
1.00	1.452	0.968
1.50	1.083	0.722
2.00	0.848	0.565
3.00	0.583	0.389
4.00	0.413	0.276

Because site-specific procedure was used to determine the recommended response spectra, the corresponding values of S_{MS}, S_{M1}, S_{DS} and S_{D1} per Section 21.4 of ASCE 7-16 should be used as shown in Table G-5.

TABLE G-5
Design Spectral Acceleration Value

Parameter	Spectral Acceleration Value (g's)
S_{MS}[2]	1.741
S_{M1}[3]	1.750
S_{DS}[2]	1.161
S_{D1}[3]	1.167

[2] S_{DS} is based on the site-specific response spectra and is based on 90 percent of the maximum spectral acceleration within the period range of 0.2 to 5 seconds; it is governed by 90 percent of the spectral acceleration at a period of 0.4 seconds. S_{MS} is 1.5 times the S_{DS}.

[3] S_{D1} is based on the site-specific response spectra and is the maximum of the product of period, T, and spectral acceleration, Sa, for periods from 1.0 to 5.0 seconds; it is governed by the product of the period and spectral acceleration at a period of 3.0 seconds. S_{M1} is 1.5 times the S_{D1}.

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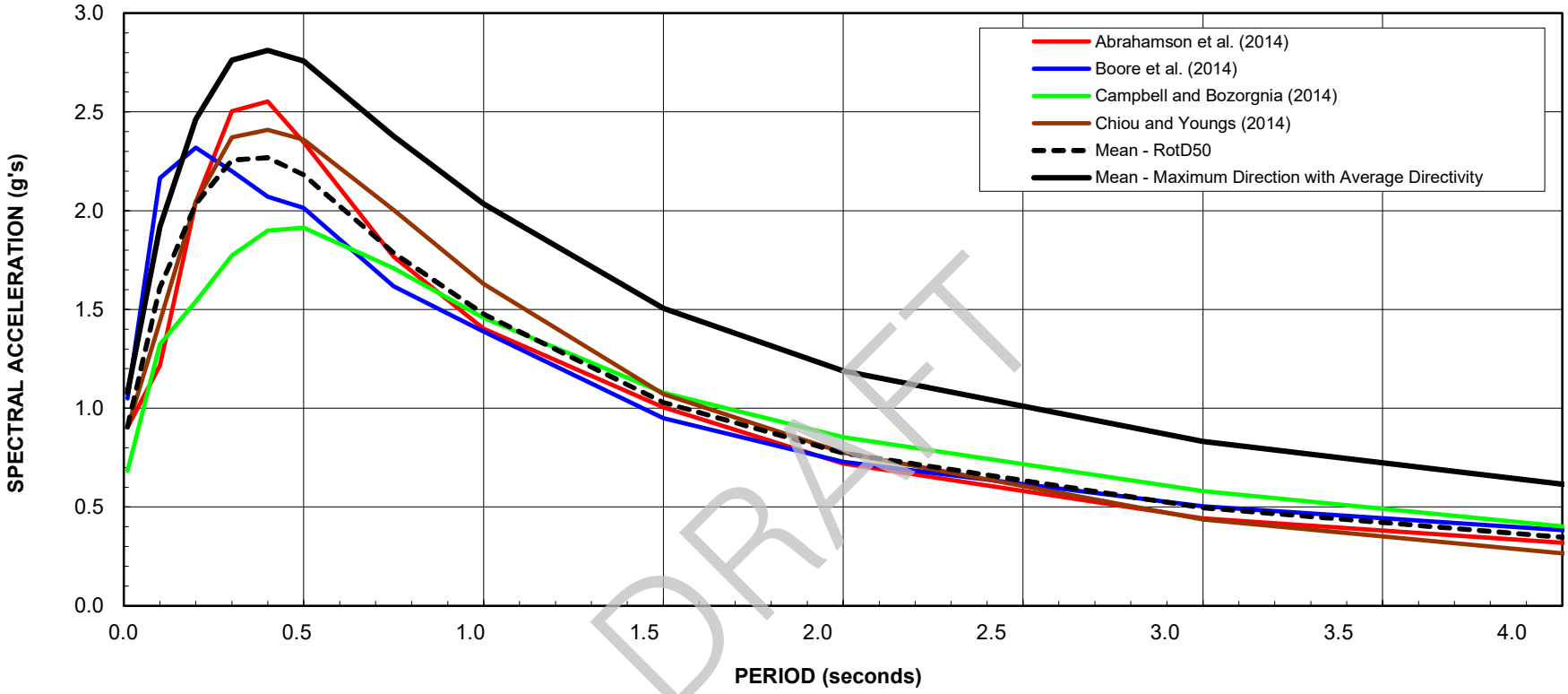

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Notes

1. Damping Ratio = 5%
2. Estimated V_{S30} = 255 m/s
3. Maximum direction factors from Shahi and Baker (2014), Directivity uses average of Bayless et al. (2020) and Watson-Lamprey (2018).
4. Z_1 = 300 m, $Z_{2.5}$ = 0.85 km

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Project
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Figure Title
RESULTS OF PSHA, 2 PERCENT PROBABILITY OF EXCEEDANCE IN 50 YEARS

Project No. 750677301
Date 4/11/2023
Scale AS SHOWN
Prepared By: KM

Figure No. G-1

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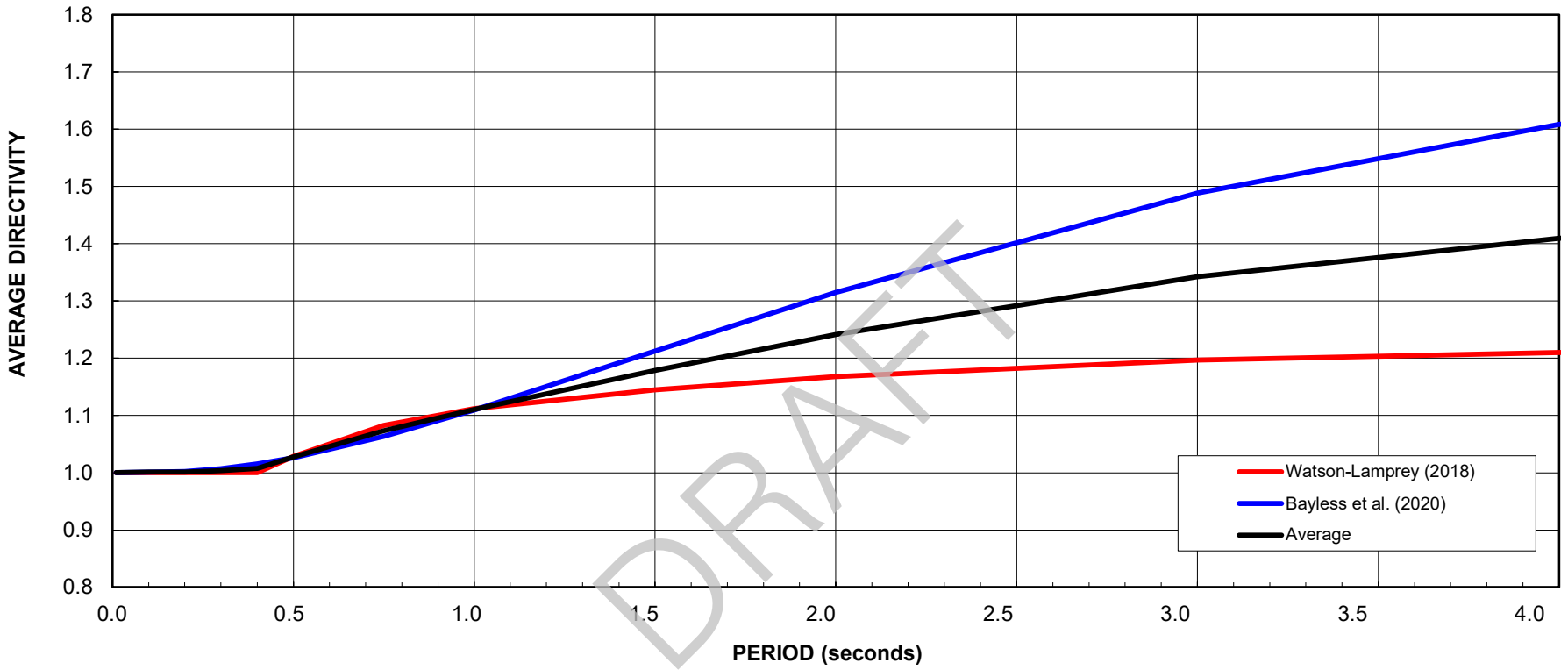

Notes 1. Damping Ratio = 5%

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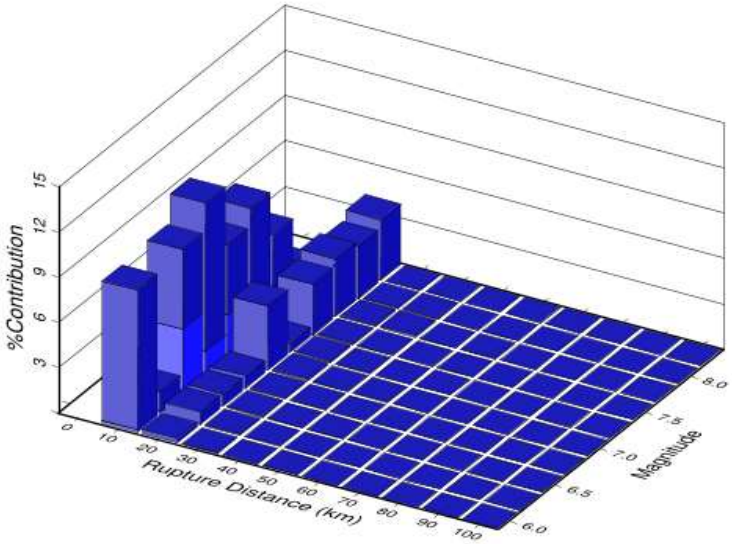
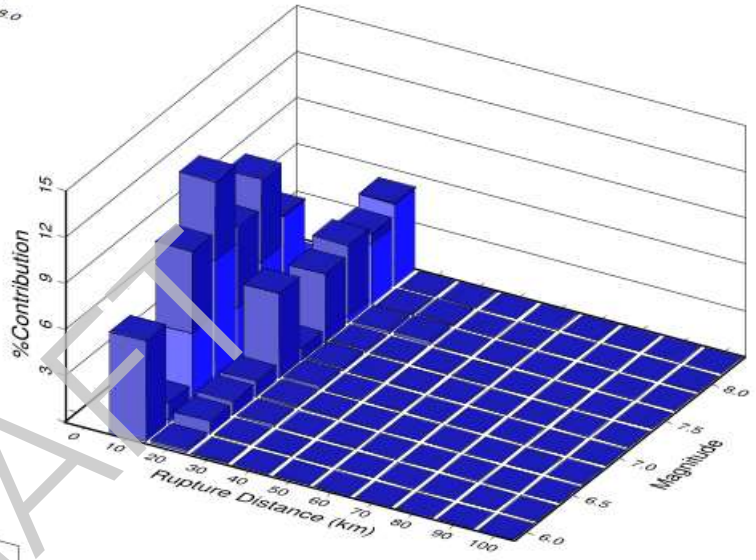
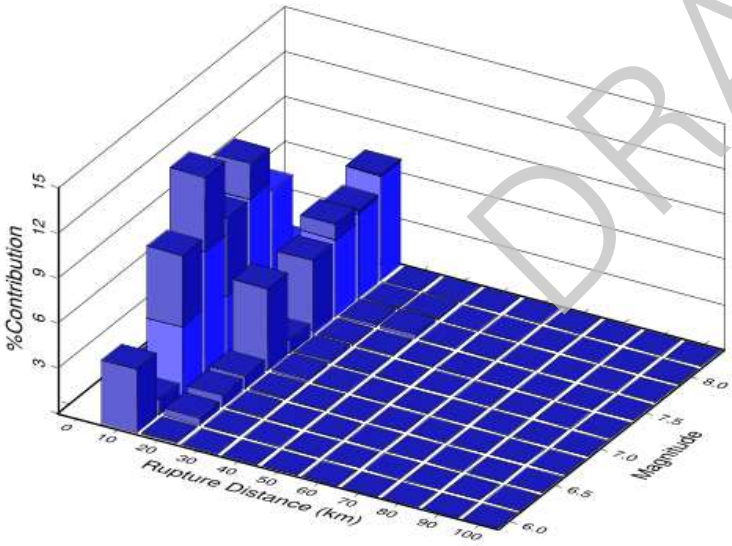


(a) PGA



(b) S_a, T = 0.5 second



(c) S_a, T = 1.0 second

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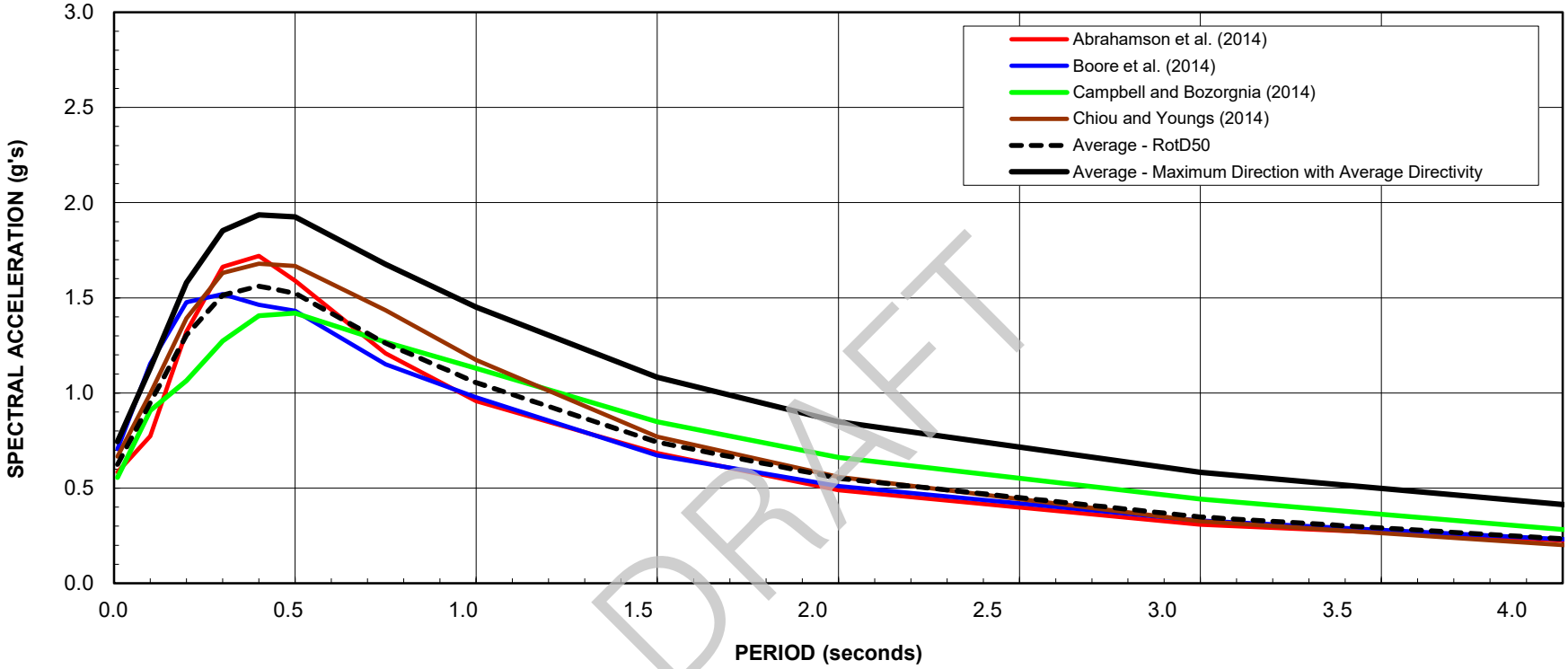

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Notes

1. Damping Ratio = 5%
2. Estimated V_{S30} = 255 m/s
3. Maximum direction factors from Shahi and Baker (2014), Directivity uses average of Bayless et al. (2020) and Watson-Lamprey (2018).
4. Deterministic results are for a Moment Magnitude 7.2 occuring on the Hayward-Rodgers Creek fault about 7 km from the site.

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Project	Figure Title	Project No.	Figure No.
Kaiser Permanente San Jose Replacement Hospital SAN JOSE SANTA CLARA COUNTY CALIFORNIA	RESULTS OF DETERMINISTIC ANALYSIS - 84th PERCENTILE SPECTRA - HAYWARD-RODGERS CREEK	750677301	G-4
		Date: 4/11/2023	
		Scale: AS SHOWN	
		Prepared By: KM	

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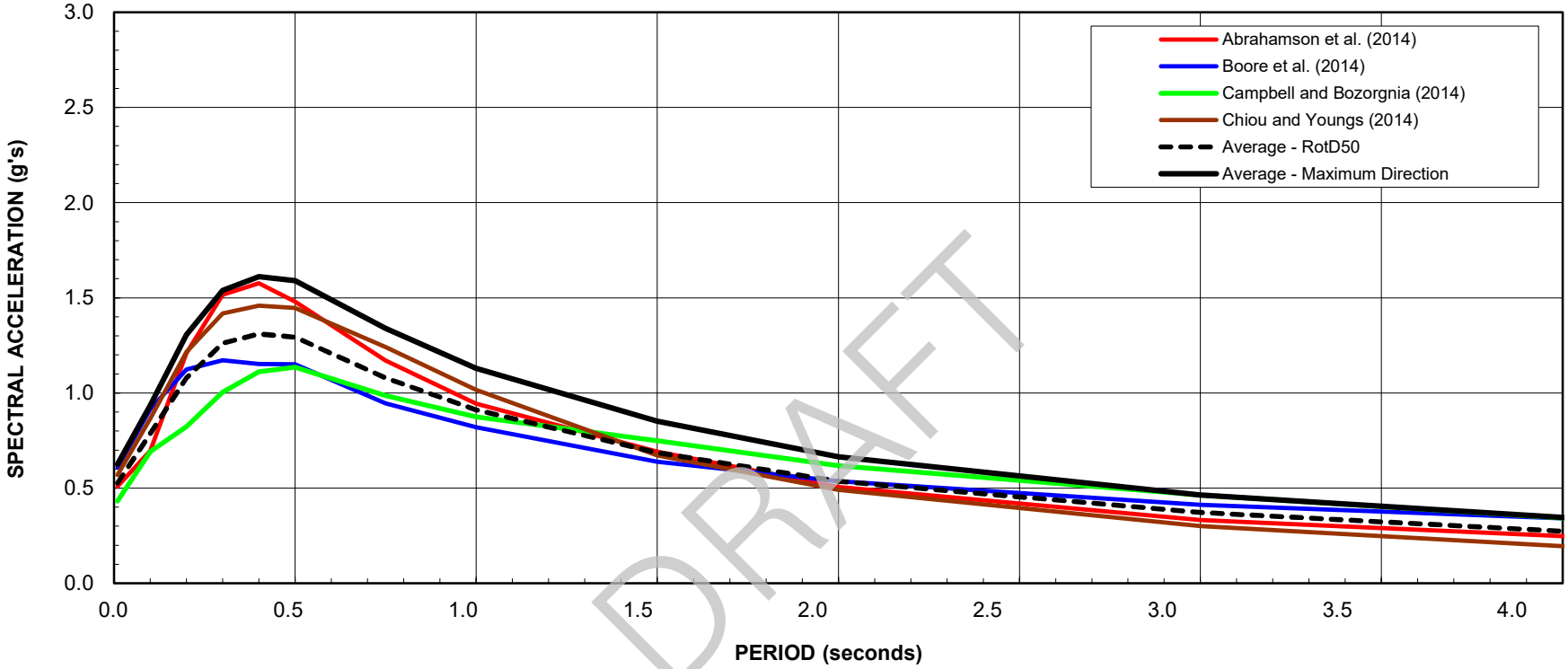

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Notes

1. Damping Ratio = 5%
2. Estimated V_{S30} = 255 m/s
3. Maximum direction factors from Shahi and Baker (2014).
4. Deterministic results are for a Moment Magnitude 8.1 occuring on the San Andreas fault about 17 km from the site.

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Figure Title

RESULTS OF DETERMINISTIC ANALYSIS - 84th PERCENTILE SPECTRA - SAN ANDREAS

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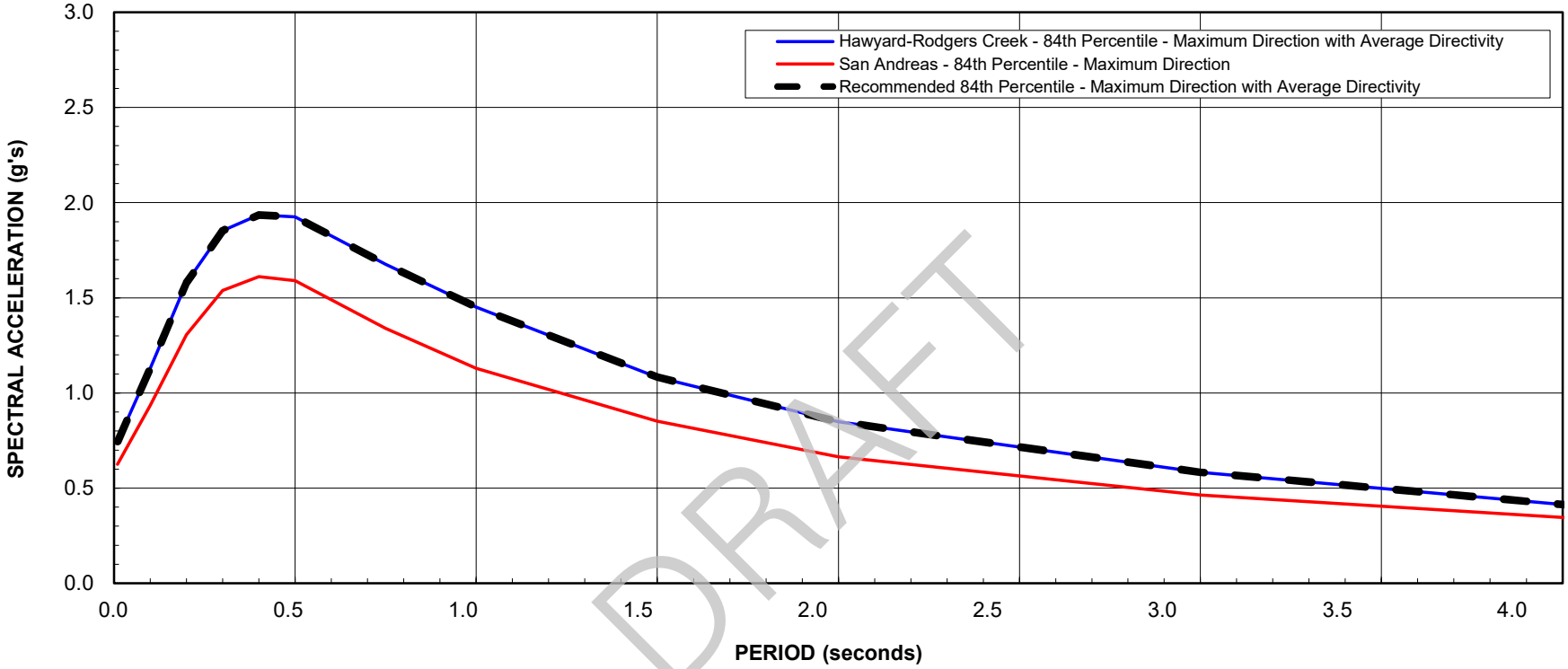

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Notes

1. Damping Ratio = 5%
2. Estimated V_{S30} = 255 m/s
3. Maximum direction factors from Shahi and Baker (2014), Directivity uses average of Bayless et al. (2020) and Watson-Lamprey (2018).

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Kaiser Permanente San Jose Replacement Hospital SAN JOSE SANTA CLARA COUNTY CALIFORNIA	COMPARISON OF 84th PERCENTILE DETERMINISTIC ANALYSIS	750677301	G-6
		Date: 4/11/2023	
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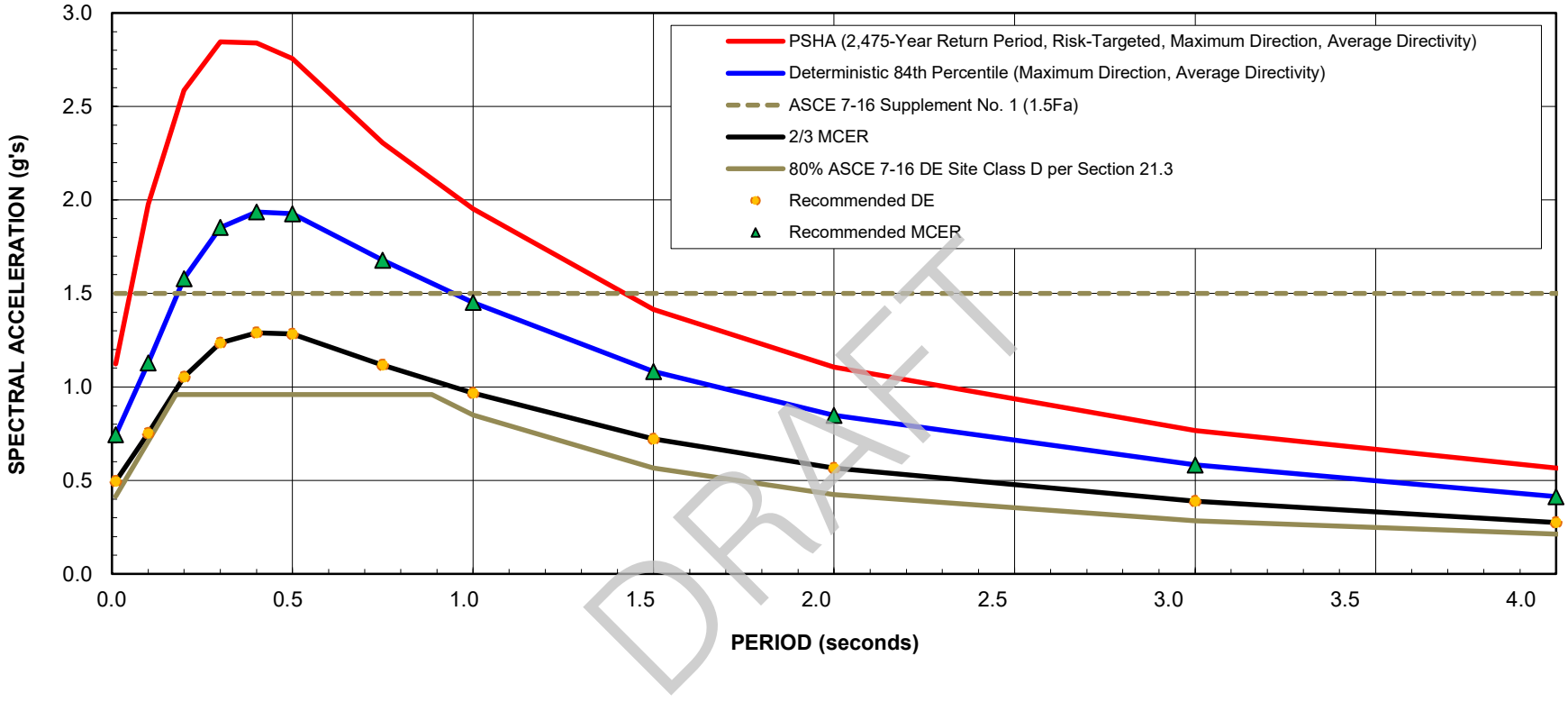

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Notes

1. Damping Ratio = 5%
2. Estimated V_{S30} = 255 m/s
3. Maximum direction factors from Shahi and Baker (2014), Directivity uses average of Bayless et al. (2020) and Watson-Lamprey (2018).
4. Deterministic results are for a Moment Magnitude 7.2 occuring on the Hayward-Rodgers Creek fault about 7 km from the site.

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Figure Title
COMPARISON OF PROBABILISTIC, DETERMINISTIC AND DETERMINISTIC LOWER LIMIT SPECTRA

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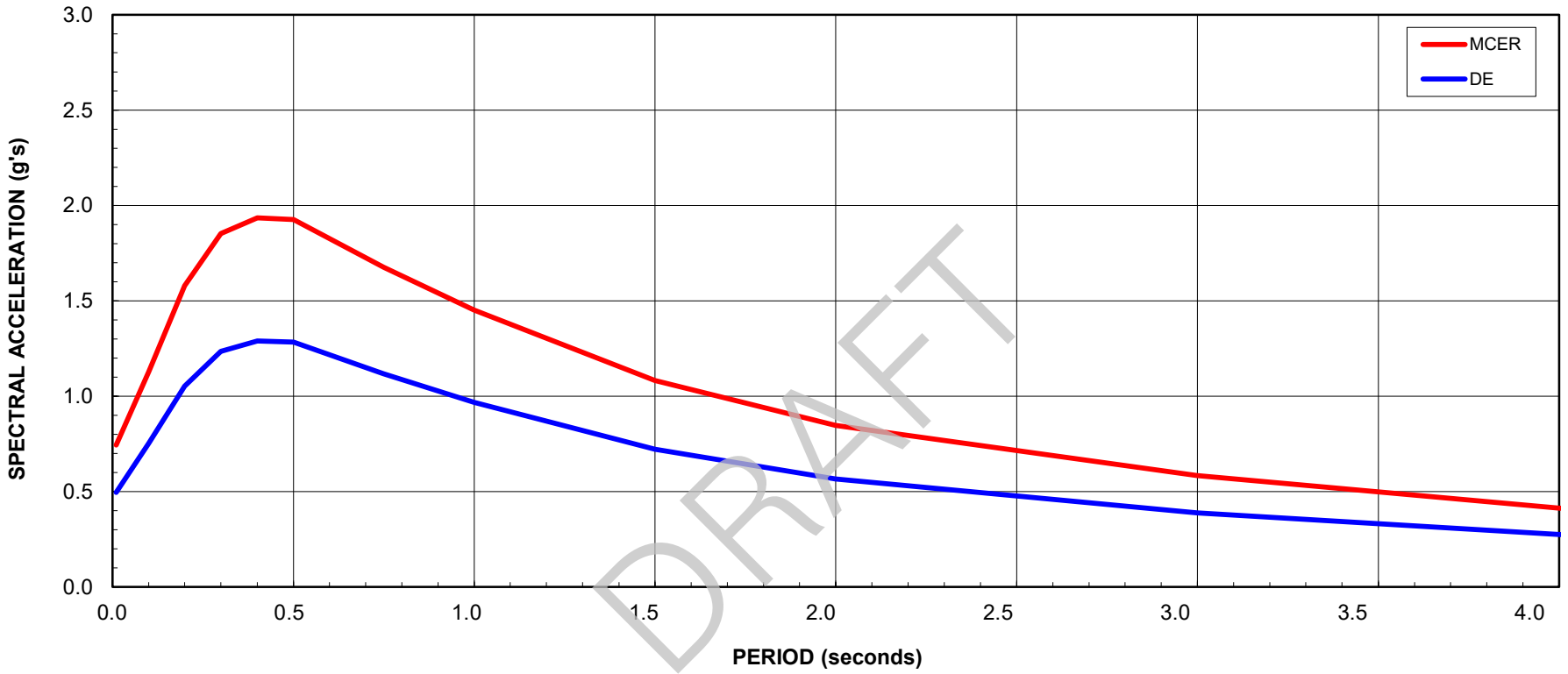

Notes

1. Damping Ratio = 5%
2. Estimated V_{S30} = 255 m/s

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Appendix F

Greenhouse Gas Reduction Strategy Compliance Checklist

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DEPARTMENT OF PLANNING, BUILDING AND CODE ENFORCEMENT

Purpose of the Compliance Checklist

In 2020, the City adopted a Greenhouse Gas Reduction Strategy (GHGRS) that outlines the actions the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emission reductions for the interim target year 2030. The purpose of the Greenhouse Gas Reduction Strategy Compliance Checklist (Checklist) is to:

- Implement GHG reduction strategies from the 2030 GHGRS to new development projects.
- Provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

The 2030 GHGRS presents the City's comprehensive path to reduce GHG emissions to achieve the 2030 reduction target, based on SB 32, BAAQMD, and OPR. Additionally, the 2030 GHGRS leverages other important City plans and policies; including the General Plan, Climate Smart San José, and the City Municipal Code in identifying reductions strategies that achieve the City's target. CEQA Guidelines Section 15183.5 allows for public agencies to analyze and mitigate GHG emissions as part of a larger plan for the reduction of greenhouse gases. Accordingly, the City of San José's 2030 GHGRS represents San José's qualified climate action plan in compliance with CEQA.

As described in the 2030 GHGRS, these GHG reductions will occur through a combination of City initiatives in various plans and policies and will provide reductions from both existing and new developments. This Compliance Checklist specifically applies to proposed discretionary projects that require environmental review pursuant to CEQA. Therefore, the Checklist is a critical implementation tool in the City's overall strategy to reduce GHG emissions. Implementation of applicable reduction actions in new development projects will help the City achieve incremental reductions toward its target. Per the 2030 GHGRS, the City will monitor strategy implementation and make updates, as necessary, to maintain an appropriate trajectory to the 2030 GHG target.

Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the GHGRS.

Instructions for Compliance Checklist

Applicants shall complete the following sections to demonstrate conformance with the City of San José 2030 Greenhouse Gas Reduction Strategy for the proposed project. All projects must complete Section A. General Plan Policy Conformance and Section B. Greenhouse Gas Reduction Strategies. Projects that propose alternative GHG mitigation measures must also complete Section C. Alternative Project Measures and Additional GHG Reductions.

A. General Plan Policy Compliance

Projects need to demonstrate consistency with the Envision San José 2040 General Plan's relevant policies for Land Use & Design, Transportation, Green Building, and Water Conservation, enumerated in Table A. All applicants shall complete the following steps.

1. Complete Table A, Item #1 to demonstrate the project's consistency with the General Plan Land Use and Circulation Diagram.

2. Complete Table A, Items #2 through #4 to demonstrate the project's consistency with General Plan policies[1] related to green building; pedestrian, bicycle & transit site design; and water conservation and urban forestry, as applicable. For each policy listed, mark the relevant yes/no check boxes to indicate project consistency, and provide a qualitative description of how the policy is implemented in the proposed project or why the policy is not applicable to the proposed project. Qualitative descriptions can be included in Table A or provided as separate attachments. This explanation will provide the basis for analysis in the CEQA document.

B. Greenhouse Gas Reduction Strategies

Table B identifies the GHGRS strategies and recommended consistency options. Projects need to demonstrate consistency with the GHGRS reduction strategies listed in Table B or document why the strategies are not applicable or are infeasible. The corresponding GHGRS strategies are indicated in the table to provide additional context, with the full text of the strategies preceding Table B.

Residential projects must complete Table B, Part 1 and 2; Non-residential projects must complete Table B, Part 2 only. All applicants shall complete the following steps for Table B.

1. Review the project consistency options described in the column titled 'GHGRS Strategy and Consistency Options'.

2. Use the check boxes in the column titled "Project Conformance" to indicate if the strategy is 'Proposed', 'Not Applicable', 'Not Feasible', or if there is an 'Alternative Measure Proposed'.

[1] The lists in items # 2-4 do not represent all General Plan policies but allow projects to demonstrate consistency and achievement of policies that are related to quantified reduction estimates in the 2030 GHGRS.

3. Provide a qualitative analysis of the proposed project's compliance with the GHGRS strategies in the column titled "Description of Project Measure". This will be the basis for CEQA analysis to demonstrate compliance with the 2030 GHGRS and by extension, with SB 32. The qualitative analysis should provide:

    a. A description of which consistency options are included as part of the proposed project, or

    b. A description of why the strategy is not applicable to the proposed project, or

    c. A description of why the consistency options are infeasible. If applicants select 'Not Feasible' or 'Alternative Measure Proposed', they must complete Table C to document what alternative project measures will be implemented to achieve a similar level of greenhouse gas reduction and how those reduction estimates were calculated.

C. Alternative Project Measures and Additional GHG Reductions

Projects that propose alternative GHG mitigation measures to those identified in Table B or propose to include additional GHG mitigation measures beyond those described in Tables A and B, shall provide a summary explanation of the proposed measures and demonstrate efficiency or greenhouse gas reductions achievable though the proposed measures. Documentation for these alternative or additional project measures shall be documented in Table C. Any applicants who select 'Not Feasible' or 'Alternative Measure Proposed' in Table B must complete the following steps for Table C.

1. In the column titled "Description of Proposed Measure" provide a qualitative description of what measure will be implemented, why it is proposed, and how it will reduce GHG emissions.

2. In the column titled "Description of GHG Reduction Estimate" demonstrate how the alternative project measure would achieve the same or greater level of greenhouse gas reductions as the GHGRS strategy it replaces. Documentation or calculation files can be attached separately.

3. In the column titled "Proposed Measure Implementation" identify how the measure will be implemented: incorporated as part of the project design or as an additional measure that is not part of the project (e.g., purchase of carbon offsets).

Compliance Checklist

Evaluation of Project Conformance with the 2030 Greenhouse Gas Reduction Strategy

Table A: General Plan Consistency

Development Type: ☐ Commercial ☐ Residential ☐ Office X Other: Hospital

1) Consistency with the Land Use/Transportation Diagram (Land Use and Density)	Yes	No
Is the proposed Project consistent with the Land Use/Transportation Diagram?	☒	☐
If not, and the proposed project includes a General Plan Amendment, does the proposed amendment decrease GHG emissions (in absolute terms or per capita, per employee, per service population) below the level assumed in the GHGRS based on the existing planned land use? (The project could have a higher density, mix of uses, or other features that would reduce GHG emissions compared to the planned land use).[2]	☐	☐
If not, would the proposed project and the General Plan Amendment increase GHG emissions (in absolute terms or per capita, per employee, per service population)? Project is not consistent with GHGRS and further modeling will be required to determine if additional mitigation measures are necessary.	☐	☐

Response documentation: The site is designated PQP Public/Quasi-Public and NCC Neighborhood/Community Commercial on the Land Use/Transportation Diagram of the Envision San José 2040 General Plan. The south and west portions of the site is within the Santa Teresa Boulevard/Cottle Road Urban Village area (unplanned).

Public/Quasi-Public - This category is used to designate public land uses as well as hospitals.

Neighborhood/Community Commercial - This designation supports a very broad range of commercial activity. G hospitals and private community gathering facilities are allowed in this designation.

The proposed project is also consistent with the following General Plan goals and policies:

- ES-6: Provide for the health care needs of all members of the San José community.
- ES-6.1: Facilitate the development of new and promote the preservation and enhancement of existing health care facilities that meet all the needs of the entire San José community.

The project proposes to expand an existing hospital to accommodate population growth in the City of San Jose. Additionally, the Neighborhood/Community Commercial land use designation supports hospital uses.

[2] For example, a General Plan Amendment to change use from single-family residential to multi-family residential or a General Plan Amendment to change the use from regional-serving commercial to mixed-use urban in a transit-served area might reduce travel demand, and therefore GHG emissions from mobile sources.

2) Implementation of Green Building Measures	Yes	No
***MS-2.2**: Encourage maximized use of on-site generation of renewable energy for all new and existing buildings.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. The proposed project would include on-site renewable electric generation via solar electric photovoltaic (PV) panels on the top level of the parking garage.		
***MS-2.3**: Encourage consideration of solar orientation, including building placement, landscaping, design and construction techniques for new construction to minimize energy consumption.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include landscaping and trees that would provide shading. The proposed project would include building design measures to meet LEED Gold performance standards.		
***MS-2.7**: Encourage the installation of solar panels or other clean energy power generation sources over parking areas.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include on-site renewable electric generation via solar electric photovoltaic (PV) panels on the top level of the parking garage.		
***MS-2.11**: Require new development to incorporate green building practices, including those required by the Green Building Ordinance. Specifically, target reduced energy use through construction techniques (e.g., design of building envelopes and systems to maximize energy performance), through architectural design (e.g., design to maximize cross ventilation and interior daylight) and through site design techniques (e.g., orienting buildings on sites to maximize the effectiveness of passive solar design).*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include building design measures to meet LEED Gold performance standards. Measures include use of high-performance glazing and sun shading at windows to reduce solar heat gain, high performance building roof and envelope to maximize energy performance as well as using thermal energy storage tanks to supplement heating and cooling loads to further reduce energy usage.		

***MS-16.2**: Promote neighborhood-based distributed clean/renewable energy generation to improve local energy security and to reduce the amount of energy wasted in transmitting electricity over long distances.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include on-site renewable electric generation via a solar PV system on the top level of the garage that would improve local energy security and reduce the amount of energy wasted in transmitting electricity over long distances.		

3) Pedestrian, Bicycle & Transit Site Design Measures	**Yes**	**No**
***CD-2.1**: Promote the Circulation Goals and Policies in the Envision San José 2040 General Plan. Create streets that promote pedestrian and bicycle transportation by following applicable goals and policies in the Circulation section of the Envision San José 2040 General Plan.*		
a) Design the street network for its safe shared use by pedestrians, bicyclists, and vehicles. Include elements that increase driver awareness.	☒	☐
b) Create a comfortable and safe pedestrian environment by implementing wider sidewalks, shade structures, attractive street furniture, street trees, reduced traffic speeds, pedestrian-oriented lighting, mid-block pedestrian crossings, pedestrian-activated crossing lights, bulb-outs and curb extensions at intersections, and on-street parking that buffers pedestrians from vehicles.	☒	☐
c) Consider support for reduced parking requirements, alternative parking arrangements, and Transportation Demand Management strategies to reduce area dedicated to parking and increase area dedicated to employment, housing, parks, public art, or other amenities. Encourage de-coupled parking to ensure that the value and cost of parking are considered in real estate and business transactions.	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would not materially affect the design of the existing street network except for adding two new driveways on Cottle Road for ambulance and emergency department access, one new driveway on Hospital Parkway for emergency department access, a vehicle drive on International Circle for passenger pickup/drop off, and a service driveway on Camino Verde Drive. The driveways for the parking garage on Camino Verde Drive and International Circle would remain in the same location as existing conditions. The proposed project would include approximately 148 on-site replacement trees. The proposed project would replace 606 parking spaces displaced by the new hospital and parking garage with 1,015 spaces in a parking garage.		

***CD-2.5**: Integrate Green Building Goals and Policies of the Envision San José 2040 General Plan into site design to create healthful environments. Consider factors such as shaded parking areas, pedestrian connections, minimization of impervious surfaces, incorporation of stormwater treatment measures, appropriate building orientations, etc.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include trees adjacent to parking areas. The proposed project would also result in a net decrease in pervious surfaces on the project site through proposed bioretention		

	Yes	No
or flow-through planter areas that would receive and treat site stormwater runoff, along with proposed permeable paving areas.		
***CD-2.11**: Within the Downtown and Urban Village Overlay areas, consistent with the minimum density requirements of the pertaining Land Use/Transportation Diagram designation, avoid the construction of surface parking lots except as an interim use, so that long-term development of the site will result in a cohesive urban form. In these areas, whenever possible, use structured parking, rather than surface parking, to fulfill parking requirements. Encourage the incorporation of alternative uses, such as parks, above parking structures.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The southern portion of the project site is within an Urban Village Overlay area. The proposed project would replace an existing surface parking with a up to five-level parking structure with 1,015 spaces to fulfill parking requirements. Incorporation of alternative uses above the parking structure include solar electric photovoltaic (PV) panels on the top level of the parking garage.		
***CD-3.2**: Prioritize pedestrian and bicycle connections to transit, community facilities (including schools), commercial areas, and other areas serving daily needs. Ensure that the design of new facilities can accommodate significant anticipated future increases in bicycle and pedestrian activity.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Bicycle facilities would be provided on the project site, including long-term bicycle parking spaces for employees and short-term bicycle parking spaces for visitors. The new hospital would include showers and other amenities, which would encourage the use of bicycles for commuting purposes. The project site is within a half-mile of a high-quality transit stop.		
***CD-3.4**: Encourage pedestrian cross-access connections between adjacent properties and require pedestrian and bicycle connections to streets and other public spaces, with particular attention and priority given to providing convenient access to transit facilities. Provide pedestrian and vehicular connections with cross-access easements within and between new and existing developments to encourage walking and minimize interruptions by parking areas and curb cuts.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Add described in CD-2.1, the proposed project would not materially affect the design of the existing street network except for adding two new driveways on Cottle Road for ambulance and emergency department access, one new driveway on Hospital Parkway for emergency department access, a vehicle drive on International Circle for passenger pickup/drop off, and a service driveway on Camino Verde Drive. The driveways for the six-level parking garage on Camino Verde Drive and International Circle would remain in the same location as existing conditions. The proposed project would include approximately 148 on-site replacement trees. The proposed project would replace 606 parking spaces displaced by the new hospital and parking garage with 1,015 spaces in an up to five-level parking garage. The existing pedestrian and bicycle connections to adjacent areas would not change.		

***LU-3.5**: Balance the need for parking to support a thriving Downtown with the need to minimize the impacts of parking upon a vibrant pedestrian and transit oriented urban environment. Provide for the needs of bicyclists and pedestrians, including adequate bicycle parking areas and design measures to promote bicyclist and pedestrian safety.*	☐	☐
Not applicable	☐	☒
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The project site is not located in Downtown San Jose.		

	Yes	**No**
***TR-2.8:** Require new development to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/paths, or share in the cost of improvements.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Bicycle facilities would be provided on the project site, including long-term bicycle parking spaces for employees and short-term bicycle parking spaces for visitors. The new hospital would include showers and other amenities, which would encourage the use of bicycles for commuting purposes.		

***TR-7.1:** Require large employers to develop TDM programs to reduce the vehicle trips and vehicle miles generated by their employees through the use of shuttles, provision for car-sharing, bicycle sharing, carpool, parking strategies, transit incentives and other measures.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] This project will require a TDM program and requires at least 25 points under the City's published TDM Guidelines. The project's TDM checklist is in the process of being prepared.		
***TR-8.5:** Promote participation in car share programs to minimize the need for parking spaces in new and existing development.*	☐	☐
Not applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Not applicable. Car share facilities are typically sited at home-end or visit-end use locations.		

4) Water Conservation and Urban Forestry Measures	Yes	No
***MS-3.1**: Require water-efficient landscaping, which conforms to the State's Model Water Efficient Landscape Ordinance, for all new commercial, institutional, industrial and developer-installed residential development unless for recreation needs or other area functions.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Landscape design plans would use drip and water efficient irrigation, drought tolerant plant materials, and a 'smart' weather-based controller. The proposed irrigation would meet local and State water efficiency standards.		

	Yes	No
***MS-3.2**: Promote the use of green building technology or techniques that can help reduce the depletion of the City's potable water supply, as building codes permit. For example, promote the use of captured rainwater, graywater, or recycled water as the preferred source for non-potable water needs such as irrigation and building cooling, consistent with Building Codes or other regulations.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include building design measures to meet LEED Gold certification standards. In addition, the proposed project would be required to comply with the 2022 Title 24 Building Energy Efficiency Standards to reduce water consumption. Furthermore, the project would incorporate water efficient landscaping to reduce water use.		
***MS-19.4**: Require the use of recycled water wherever feasible and cost-effective to serve existing and new development.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would comply with the CalGreen Code, which requires that recycled water be used for landscaping, where feasible. The proposed project would construct a separate lateral for irrigation water.		
***MS-21.3**: Ensure that San José's Community Forest is comprised of species that have low water requirements and are well adapted to its Mediterranean climate. Select and plant diverse species to prevent monocultures that are vulnerable to pest invasions. Furthermore, consider the appropriate placement of tree species and their lifespan to ensure the perpetuation of the Community Forest.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include drought tolerant plant materials. Selected plants will conform to the low to very low water requirements as delineated by WUCOLS, developed by UC Davis. Though the plants will require irrigation, watering limits are anticipated. Plants selected are low to very low water plants that survive well under these conditions while maintaining a vegetated landscape.		

***MS-26.1**: As a condition of new development, require the planting and maintenance of both street trees and trees on private property to achieve a level of tree coverage in compliance with and that implements City laws, policies or guidelines.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would comply with the City's Standard Conditions of Approval which require that any tree removed would be replaced in accordance with the Tree Replacement Ratios or fees. The proposed project would include approximately 141 on-site replacement trees.		

	Yes	**No**
***ER-8.7**: Encourage stormwater reuse for beneficial uses in existing infrastructure and future development through the installation of rain barrels, cisterns, or other water storage and reuse facilities.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would comply with the CalGreen Code, which requires that recycled water be used for landscaping, where feasible. Approximately six bioretention areas are proposed to receive and treat the site stormwater runoff, along with silva cells and flow through planters.		

GHGRS Strategies

GHGRS #1: The City will implement the San José Clean Energy program to provide residents and businesses access to cleaner energy at competitive rates.

GHGRS #2: The City will implement its building reach code ordinance (adopted September 2019) and its prohibition of natural gas infrastructure ordinance (adopted October 2019) to guide the city's new construction toward zero net carbon (ZNC) buildings.

GHGRS #3: The City will expand development of rooftop solar energy through the provision of technical assistance and supportive financial incentives to make progress toward the Climate Smart San José goal of becoming a one-gigawatt solar city.

GHGRS #4: The City will support a transition to building decarbonization through increased efficiency improvements in the existing building stock and reduced use of natural gas appliances and equipment.

GHGRS #5: As an expansion to Climate Smart San José, the City will update its Zero Waste Strategic Plan and reassess zero waste strategies. Throughout the development of the update, the City will continue to divert 90 percent of waste away from landfills through source reduction, recycling, food recovery and composting, and other strategies.

GHGRS #6: The City will continue to be a partner in the Caltrain Modernization Project to enhance local transit opportunities while simultaneously improving the city's air quality.

GHGRS #7: The City will expand its water conservation efforts to achieve and sustain long-term per capita reductions that ensure a reliable water supply with a changing climate, through regional partnerships, sustainable landscape designs, green infrastructure, and water-efficient technology and systems.

Table B: 2030 Greenhouse Gas Reduction Strategy Compliance

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
PART 1: RESIDENTIAL PROJECTS ONLY		
Zero Net Carbon Residential Construction 1. Achieve/exceed the City's Reach Code, and 2. Exclude natural gas infrastructure in new construction, or 3. Install on-site renewable energy systems or participate in a community solar program to offset 100% of the project's estimated energy demand, or 4. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project until which time SJCE achieves 100% carbon-free electricity for all accounts. **Supports Strategies**: GHGRS #1, GHGRS #2, GHGRS #3	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project is not a residential project. Therefore, these strategies are not applicable.	☐ Proposed ☒ Not Applicable ☐ Not Feasible* ☐ Alternative Measure Proposed ** The 2030 GHGRS assumed this strategy would be feasible for 50% of residential units constructed between 2020 and 2030.*
PART 2: RESIDENTIAL AND NON-RESIDENTIAL PROJECTS		
Renewable Energy Development 1. Install solar panels, solar hot water, or other clean energy power generation sources on development sites, or 2. Participate in community solar programs to support development of renewable energy in the community, or	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.*	☐ See Part 1 (Residential projects only) ☒ Proposed ☐ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
3. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project. **Supports Strategies**: GHGRS #1, GHGRS #3	The proposed project would include on-site renewable electric generation via a rooftop solar PV system on the parking structure. The project will also enroll in the San José Clean Energy (SJCE) GreenSource program (approximately 95 percent carbon free power) or TotalGreen (approximately 100 percent carbon free power) as assumed in the approved environmental clearance for the project in accordance with the California Environmental Quality Act (CEQA) (prior to issuance of any Certificate of Occupancy for the hospital).	
Building Retrofits – Natural Gas[3] This strategy only applies to projects that include a retrofit of an existing building. If the proposed project does not include a retrofit, select "Not Applicable" in the Project Conformance column. 1. Replace an existing natural gas appliance with an electric alternative (e.g., space heater, water heater, clothes dryer), or 2. Replace an existing natural gas appliance with a high-efficiency model **Supports Strategies:** GHGRS #4	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project does not include a retrofit, and thus this strategy is not applicable. The proposed project would not include natural gas.	☐ Proposed ☒ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed
Zero Waste Goal 1. Provide space for organic waste (e.g., food scraps, yard waste) collection containers, and/or 2. Exceed the City's construction & demolition waste diversion requirement. **Supports Strategies:** GHGRS #5	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project would provide space for organic waste from the hospital and medical office uses and meet or exceed the City's construction and demolition (C&D) waste diversion requirement by diverting at least 75% of C&D material.	☒ Proposed ☐ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed

[3] GHGRS Strategy #4 applies to existing building retrofits and not to new construction; Strategy #2 applies to new construction to reduce natural gas related GHG emissions

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
Caltrain Modernization 1. For projects located within ½ mile of a Caltrain station, establish a program through which to provide project tenants and/or residents with free or reduced Caltrain passes or 2. Develop a program that provides project tenants and/or residents with options to reduce their vehicle miles traveled (e.g., a TDM program), which could include transit passes, bike lockers and showers, or other strategies to reduce project related VMT. **Supports Strategies:** GHGRS #6	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project is located over 0.5-mile from a Caltrain station. Bicycle facilities would be provided on the project site, including long- and short-term bicycle parking spaces. The new hospital would also include showers and other amenities, which would encourage the use of bicycles for commuting purposes.	☐ Proposed ☒ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed
Water Conservation 1. Install high-efficiency appliances/fixtures to reduce water use, and/or include water-sensitive landscape design, and/or 2. Provide access to reclaimed water for outdoor water use on the project site. **Supports Strategies:** GHGRS #7	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project would include building design measures to meet LEED Gold certification. The project would reduce building water use and would meet LEED efficiency requirements. Furthermore, the project would incorporate water efficient landscaping and use of recycled water for landscaping, where feasible.	☒ Proposed ☐ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed

Table C: Applicant Proposed Greenhouse Gas Reduction Measures

Description of Proposed Measure	Description of GHG Reduction Estimate	Proposed Measure Implementation
[Describe the proposed project measure and why it is proposed] **All-Electric Infrastructure** **Supports Strategies/Sectors:** GHGRS #1, 2, 3	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]* *Though not a requirement, the project design will exclude use of natural gas infrastructure supporting the City of San Jose's Climate Smart initiative. The project eliminates natural gas boilers for steam generation, space heating, and domestic hot water by utilizing a combination of heat recovery, air source heat pumps and electric humidifiers and steam boilers to meet process load.*	☒ Part of Design ☐ Additional Measure
[Describe the proposed project measure and why it is proposed] **Thermal Energy Storage** **Supports Strategies/Sectors:** GHGRS #1, 2, 3	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]* *Thermal storage and ground source heating and cooling will be used to allow for extending operation of heat recovery chillers and capturing waste heat from chilled water generation to serve heating needs. Diurnal storage allows for mitigation of carbon peaks.*	☒ Part of Design ☐ Additional Measure
[Describe the proposed project measure and why it is proposed] **Air Cooled Chillers** **Supports Strategies/Sectors:** GHGRS #7	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]* *Air cooled chillers eliminate cooling towers for production of chilled water, thereby eliminating cooling tower water use, which can be significant throughout the year. As non-potable water is not yet available at the project site, air-cooled chillers eliminate the use of potable water for heat rejection.*	☒ Part of Design ☐ Additional Measure
[Describe the proposed project measure and why it is proposed] **Battery Energy Storage**	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]*	☒ Part of Design ☐ Additional Measure

Supports Strategies/Sectors: GHGRS #1, 2, 3	*Battery energy storage in combination with proposed on-site photovoltaics allow for capture and use of generated solar power at later evening times when power on the grid is higher in carbon as statewide solar resource production declines.*	

Appendix G1

Phase I Environmental Site Assessment (San José Medical Center Campus)

ESA

2 February 2024

Lee Ann Knight
Project Manager, National Facilities Services
Kaiser Foundation Health Plan, Inc.
284 Hospital Parkway, Building K
San Jose, California 94119

Subject: Updated Phase I Environmental Site Assessment
San Jose Campus Master Planning
Kaiser Permanente Medical Center
San Jose, California
Langan Project No. 750677301

Dear Lee Ann Knight:

Langan CA, Inc. (Langan) has prepared this Updated Phase I Environmental Site Assessment (ESA) for the proposed development at Kaiser Permanente Medical Center in San Jose, California (Figure 1). Langan previously prepared a Phase I ESA for the subject property and presented the results in the report dated 23 March 2023. We understand Kaiser Foundation Health Plan, Inc. (Client) requires this Updated Phase I ESA for the environmental due diligence activities related to the subject property.

The purpose of this Updated Phase I ESA is to identify substantial changes in environmental conditions at the subject property since the Phase I ESA prepared by Langan dated 23 March 2023. Substantial changes are defined as conditions that indicate the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products on the subject property or into the ground, groundwater, or surface water of the subject property.

This Phase I ESA Update was conducted utilizing a standard of good commercial and customary practice that is consistent with American Society for Testing and Materials (ASTM) E1527-21. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the subject property; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the subject property; and conducting a Site reconnaissance. The specific scope of this assessment included the following:

- Interview the key site manager and perform a reconnaissance of the subject property and neighboring properties to identify any changes in the environmental conditions since March 2023; and

- Submit Freedom of Information Act (FOIA) requests to the City of San Jose, Santa Clara County Fire Department, and Santa Clara County Department of Environmental Health (SCCDEH). Online EnviroStor and GeoTracker databases, operated by the California Department of Toxic Substances Control (DTSC) and the State of California Water Resources Control Board (SWRCB), respectively, were also searched regarding environmental permits, environmental violations, incidents and/or status of enforcement actions at the subject property and adjacent properties that could identify certain changes in environmental condition at the subject property since March 2023.

SUBJECT PROPERTY DESCRIPTION

The subject property is located in a mixed-use commercial and residential area of San Jose, California. The subject property is approximately 825,755 square feet (18.9 acres) and is comprised of the Santa Clara County Assessor's Parcel Number's (APNs): 706-05-037, 706-05-011, and 706-05-025. The subject property is bound by Hospital Parkway and International Circle to the north, International Circle and Cottle Road to the west, Santa Teresa Boulevard to the south and a commercial building, apartments, and International Circle to the east. The subject property is owned by Kaiser Foundation Health Plan, Inc.

CURRENT USE OF SUBJECT PROPERTY

The subject property is currently occupied by an existing eight-story hospital building, asphalt paved surface parking lots, concrete walkways, and landscaping (Figure 2). General hospital operations occupy the eight floors of the building.

SPECIALIZED KNOWLEDGE

Both the Client and Langan have knowledge of previous environmental investigations that were conducted at the subject property. Langan has reviewed the following pertinent environmental report previously prepared for the subject property in preparation of this Updated Phase I ESA:

- City of San Jose, *Draft Environmental Impact Report, Kaiser Santa Teresa Medical Center, Planned Development Zoning Application*, dated June 1994.

- Langan Engineering and Environmental Services, Inc., *Phase I Environmental Site Assessment, San Jose Campus Master Planning, Kaiser Permanente Medical Center, San Jose, California*, dated 23 March 2023.

- Langan Engineering and Environmental Services, Inc., *Soil Management Plan, Kaiser Permanente San Jose Replacement Hospital, Hospital, Energy Center, and Service Yard, San Jose, California*, dated 3 May 2023.

City of San Jose – Draft Environmental Impact Report – June 1994

The Draft Environmental Impact Report (EIR) prepared by the City of San Jose details the impacts and mitigation measures to be implemented prior to the planned development at the subject

property. Mitigation measures were to be implemented to mitigate impacts of construction activities on traffic and circulation, noise levels, air quality, flood and drainage, hazardous materials and public safety, geology, biological resources, visual, and services and utilities. All impacts determined by the EIR were marked nonsignificant or nonsignificant impacts with mitigation except for one that was determined to be significant unmitigable impact. The significant unmitigable impact would result increased traffic at the Cottle Road and Concord Drive intersection.

Langan Engineering and Environmental Services, Inc. – Phase I ESA – March 2023

Langan conducted a Phase I ESA for the subject property in March 2023. The Phase I ESA included the subject property boundary with the exception of the hospital building. Based on the databases searched by EDR, requests made for public documentation related to past or present environmental conditions at the subject property and surrounding area, and site reconnaissance, Langan did not identify any recognized environmental conditions (RECs) in connection with the subject property.

Langan Engineering and Environmental Services, Inc. – Soil Management Plan – May 2023

Langan prepared a Soil Management Plan (SMP) in May 2023 which included the results of a subsurface investigation conducted at the subject property in January 2023. Three environmental soil borings were advanced at the subject property to assess the presence of hazardous materials and petroleum hydrocarbons in the soil that would be disturbed during the proposed construction activities. Analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs), and State and Federal hazardous waste criteria for landfill disposal considerations.

No volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), or asbestos were detected above laboratory reporting limits in any of the analyzed samples. None of the TPH as gasoline (TPHg), TPH as diesel (TPHd), TPH as motor oil (TPHmo), organochlorine pesticides (OCP), or semi-volatile organic compounds (SVOC) detections exceeded residential and commercial/industrial ESLs.

A total of 14 samples had concentrations of arsenic ranging from 11 milligrams per kilogram (mg/kg) to 15 mg/kg and were subsequently analyzed for soluble threshold limit concentration (STLC) arsenic. All detections of STLC arsenic were below the State of California hazardous waste criteria (5 milligrams per liter [mg/L]).

Chromium was detected at or above the method reporting limit in all samples analyzed at concentrations ranging from 34 mg/kg to 180 mg/kg. Chromium was detected at a concentration of 600 mg/kg in the sample collected from B-3-2 at a depth of approximately 2.0 feet below ground surface (bgs). This concentration exceeded the background chromium concentration of 10 mg/kg to 142 mg/kg. None of the other detections exceeded residential and commercial/industrial ESLs or background concentrations. Four samples were subsequently analyzed for STLC chromium. All STLC detections were below the State of California hazardous

waste criteria (5 mg/L). Sample B-3-2 was subsequently analyzed for TCLP chromium which was not detected above the method reporting limit of 0.10 mg/L.

Cobalt was detected at or above the method reporting limit in all samples analyzed at concentrations ranging from 9.4 mg/kg to 34 mg/kg. The concentration for the sample collected from B-3-2 at a depth of 2.0 feet bgs exceeded the residential ESL of 23 mg/kg and the background concentration range of 6.5 to 25.5 mg/kg. None of the other detections exceeded residential and commercial/industrial ESLs or background concentrations.

Nickel was detected at or above the method reporting limit in all samples analyzed at concentrations ranging from 67 mg/kg to 660 mg/kg. Samples collected from borings B-3-2 and B-11-1.5 exceeded the background concentration range of 16 mg/kg to 144 mg/kg. None of the other detections exceeded residential and commercial/industrial ESLs or background concentrations. Sample B-11-1.5 was subsequently analyzed for STLC nickel. STLC nickel detections were below the State of California hazardous waste criteria of 20 mg/L. Remaining metal detections were below residential and commercial/industrial ESLs and/or background concentrations.

Langan concluded that soil excavated near boring B-3 at depths of 0.5 feet to 4.0 feet will need to be disposed of as Class II non-hazardous material (as shown on Figure 4). The remaining soils at the subject property may be handled as unrestricted waste based on receiving facilities acceptance criteria. Based on the analytical results, the SMP discusses soil management objectives for the subject property to minimize exposure of elevated heavy metal constituents in soil to construction workers, nearby residents and/or pedestrians, and future users of the subject property.

SUBJECT PROPERTY HISTORY

Sanborn Maps Review

Langan requested Sanborn Maps from EDR for the subject property and adjoining properties. No Sanborn Maps covering the target property were produced. Appendix A contains copies of the Sanborn Maps.

Aerial Photograph Review

Langan reviewed aerial photographs to evaluate past uses and relevant characteristics of the subject property and surrounding properties. We reviewed the following aerial photographs from EDR: 1939, 1948, 1950, 1956, 1963, 1968, 1974, 1982, 1998, 2006, 2009, 2012, 2016 and 2020. Appendix A contains copies of the aerial photographs from EDR.

The 1939 through 1956 aerial photographs show the subject property is occupied by agricultural land with a small structure present in the southeastern corner. Few buildings are present west, south, and east of the subject property and are likely associated with agricultural use. Additional structures are developed north of the subject property in the 1963 aerial photograph, while the subject property and other surrounding areas remain relatively unchanged.

The 1968 aerial photograph show the subject property has remained relatively unchanged while there is increased development of residential areas and roadways west and southeast of the subject property. By 1974, it appears the current eight-story hospital building has been developed on the northeastern portion of the subject property along with associated asphalt paved parking. Prominently residential with some commercial development has continued to the north, south, and west of the subject property while the east surrounding area remains as agricultural land. In the 1982 aerial photograph, the southwestern portion of the subject property appears to be vacant land that has been developed with an asphalt paved parking lot by 1998. The surrounding area appears to be fully developed with primarily residential properties to the east and west and a mix of residential and commercial properties to the north and south.

The 2006 aerial photograph shows small structures or portable buildings are present on the southwestern portion of the subject property. The subject property remains in a similar configuration through the 2020 aerial photograph.

Historical Topography Maps Review

Langan reviewed the following Historical Topography Maps from EDR: 1916, 1919, 1940, 1943, 1947, 1953, 1968, 1980, 2012, 2015, 2018, and 2021. Appendix A contains copies of the Historical Topography Maps. The average elevation at the subject property remains relatively unchanged from 1916 to 2021, and the approximate elevation is 192 feet above mean sea level (msl).

City Directory Review

Langan reviewed the following city directory abstracts obtained from EDR. City Directories were reviewed for the years 1957 through 2020. EDR's city directory abstract searches for the subject property and surrounding property addresses and lists the name of corresponding occupants at five-year intervals. Appendix A contains the City Directory Abstract.

250 Hospital Parkway		
Directory Year	**Directory Listing**	**Source**
1992 – 2020	Kaiser Permanente Medical Center	Haines Company, Inc./Cole Information/EDR Digital Archive
1975 - 1991	Santa Theresa Community Hospital	Pacific Telephone

GEOLOGIC AND HYDROGEOLOGIC SETTING

Topography

The 2021 United States Geological Survey (USGS) 7.5-minute quadrangle topographic map for East San Jose and Geocheck section of the Environmental Data Resources, LLC (EDR) Regulatory Database Report depicts the subject property at an elevation of approximately 192 feet above msl. Regional topography slopes downward toward the west. Photographs showing the current subject property use are provided in Appendix C.

Geology and Hydrogeology

According to the United States Department of Agriculture's (USDA) National Cooperative Soil Survey (NCSS) Soil Survey Geographic (SSURGO) data for San Francisco, soils at the subject property are comprised of primarily clay and silt. According to USGS information, the subject property is located in an area of San Jose which consists of Holocene-age alluvial fan deposits.

Based on a geotechnical investigation conducted by Langan in July 2023, the subject property is generally underlain clay and silt interbedded with sand and gravel layers. The soil encountered in the upper 70 to 75 feet below ground surface (bgs) generally consists of medium stiff to hard clay and silt with varying amounts of sand, silt, and gravel. The upper clay layer is underlain by approximately 25 feet of dense sand and gravel extending to depths of approximately 95 to 100 feet bgs. Below the sand and gravel are stiff silt and clay interbedded with layers of dense to very dense sand and gravel to the maximum depth explored of 150 feet bgs.

Surface water bodies are not present within the boundary of the subject property. The nearest surface water body is Coyote Creek located approximately 1.2 miles northeast of the subject property. Groundwater has been encountered at nearby properties at depths ranging from 12 to 30 feet bgs. Information regarding subject property-specific groundwater flow direction is unavailable. Groundwater flow can be influenced by a number of factors such as surface water bodies, wetlands, hydrogeologic and anthropogenic variables. However, based on previous groundwater monitoring performed by others in the surrounding area, groundwater is expected to generally flow to the southwest.

A review of the Geocheck section of the EDR Regulatory Database Report (Appendix C) and the State Water Resource Control Board's (SWRCB) Groundwater Ambient Monitoring and Assessment Program (GAMA) database identified no groundwater monitoring wells are present within the subject property boundary. However, one state municipal well (CA4310022-011) is located within the southwest parking lot of the subject property, as shown on Figure 3.

Additionally, the database review indicated multiple monitoring wells are present within a ¼ mile radius of the subject property. A majority of the monitoring wells are associated with the Chevron Service Station closed leaking underground storage tank (LUST) cleanup property located at 6096 Cottle Road approximately 92 feet southwest of the subject property. According to the GeoTracker case file, the monitoring wells were decommissioned in 2007 before the case was granted final closure. Langan does not consider the presence of monitoring wells within the surrounding area to be an environmental concern for the subject property.

ENVIRONMENTAL DATABASE REVIEW

A review of environmental regulatory agency lists and records was performed for the subject property and vicinity to identify potential sources of or activities involving hazardous substances or petroleum products that might affect the soil and groundwater quality at the subject property. These databases identify properties where underground storage tank (UST) leaks, chemical spills, or contamination of soil and/or groundwater have been reported and confirmed. The regulatory lists also include properties where aboveground storage tanks (ASTs) or USTs are present,

hazardous materials are generated and/or stored, and whether or not there has been an unauthorized release.

A search of environmental regulatory agency databases for the subject property and vicinity was prepared for Langan by EDR and is included in Appendix B of this report. The list of the government agency databases reviewed by EDR is summarized in their report.

The subject property address, 250 Hospital Parkway, was listed on the following databases searched by EDR: UST, California Integrate Water Quality System (CIWQS), Resource Conservation and Recovery Act – Large Quantity Generator (RCRA-LQG), Historical UST, Enforcement and Compliance History Online (ECHO), Emissions Inventory Data (EMI), Statewide Environmental Evaluation and Planning System (SWEEPS) UST, San Jose Hazardous Materials (HAZMAT), California Environmental Reporting System (CERS), CERS Hazardous Waste, CERS Tanks, UST Finder, Certified Unified Program Agencies (CUPA) Listings, Hazardous Waste Information System (HAZNET), Hazardous Waste Tracking System (HWTS), and Facility Index System (FINDS). The listings are related to hazardous waste generation, USTs, and routine inspections.

A 10,000-gallon diesel UST was installed at the subject property in 1972 and is located on the eastern side of the hospital building. Further details regarding the UST at the subject property is discussed in the Site and Vicinity Reconnaissance section.

According to the database listings, the subject property was enrolled in the California State Water Resources Control Board (State Water Board) Construction Stormwater Program in 2008 through 2010 for the redevelopment of the asphalt paved parking lot located south of the subject property hospital building. The State Water Board regulates stormwater discharge from active construction sites due to the potential for pollutants to mobilize into surface water bodies.

Various amounts of hazardous waste including but not limited to aged or surplus organics, laboratory waste chemicals, pharmaceutical waste, inorganic solid waste, and solvent mixtures were transferred from the subject property between 1985 and 2020 due to general hospital operations. Asbestos containing waste was also removed from the subject property in 1986 through 1987 during renovation efforts.

The subject property is registered as a large quantity hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the subject property. Langan reviewed the inspection history, and all violations have since been returned to compliance. None of the violations were indicative of a release; therefore, these database listings do not pose a concern to the subject property and are not considered a REC.

Adjoining Properties

Langan reviewed the environmental database report to evaluate if adjoining properties identified in the database report are suspected to represent an environmental concern for the subject property. Langan did not consider review of regulatory agency files necessary to evaluate potential RECs for the subject property adjoining properties and surrounding area.

Chevron Station #90038 – 6096 Cottle Road (southwestern adjoining, inferred downgradient)

The 6096 Cottle Road property, located approximately 92 feet to the southwest of the subject property, was identified on the UST Finder, RCRA NonGen/NLR, FINDS, Leaking Underground Storage Tank (LUST), Cortese, Historical Cortese, CERS, CUPA Listings, HWTS, HAZNET, UST, Historical LUST, CERS Hazardous Waste, SWEEPS UST, CERS Tanks, EMI, HAZMAT, and EDR Historical Auto databases. Based on a review of the GeoTracker case file, this property has operated as a gasoline service station since 1974. A leak was reported in 1995 when three gasoline USTs were removed from the property and replaced with new USTs. Remediation efforts included excavating approximately 1,200 cubic yards of soil and disposal at an off-site regulated landfill.

In November 1997, methyl tert butyl ether (MTBE) was detected in a water supply well located approximately 407 feet northwest of this location. The well was removed from operation in December 1997. Additional groundwater sampling conducted at the property identified elevated concentrations of MTBE and total petroleum hydrocarbons as gasoline (TPHg). Remediation included a soil vapor extraction and treatment (SVET) system and a groundwater extraction and treatment (GET) system. The SVET was shut down in 2003 after collecting 51 pounds of TPHg and two pounds of MTBE. The GET system was shut down in 2005 after removing and treating 4,202,148 gallons of groundwater and removing 0.97 pounds of TPHg and 6.82 pounds of MTBE.

The LUST case was marked closed as of 25 September 2007. The SCCDEH stated in the case closure letter that residual contamination remains below the property and could pose an unacceptable risk under site development activities. The SCCDEH stated that notification of any land use changes should be submitted to the department. Due to the remedial activity performed, the closed regulatory status, and the hardscape cover acting as a cap to the below residual contamination, the release at 6096 Cottle Road is not considered an environmental concern for the subject property and therefore is not considered a REC.

Kaiser Permanente San Jose – 280 Hospital Parkway (western and northern adjoining, inferred up and downgradient)

The 280 Hospital Parkway property, located approximately 151 feet from the subject property, was identified on the CUPA Listings, CERS, HAZMAT, and CERS Hazardous Waste databases. According to the database listings, this property is registered as a hazardous waste generator under a SCCDEH Hazardous Materials Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan reviewed the inspection history and no violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Kaiser Permanente San Jose Medical Center Office Building – 275 Hospital Parkway (western adjoining, inferred crossgradient)

The 275 Hospital Parkway property, located approximately 131 feet west of the subject property, was identified on the CUPA Listings, HWTS, HAZNET, CERS, HAZMAT, RCRA NONGEN/NLR, and CERS Hazardous Waste databases. According to the database listings, various amounts of

hazardous waste including but not limited to photochemical/photoprocessing waste, metal sludge, and asbestos containing waste were transferred from the property between 1994 and 2020 due to general hospital operations and renovation efforts.

The property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan reviewed the inspection history and no violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Kaiser Permanente San Jose Medical Center Engineer – 255 International Circle (eastern adjoining, inferred upgradient)

The 255 International Circle property, located approximately 150 feet east of the subject property, was identified on the FINDS, HAZMAT, CUPA Listings, CERS Hazardous Waste, CERS databases. This property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the subject property. Langan reviewed the inspection history, and all violations have since been returned to compliance. None of the violations were indicative of a release; therefore, these database listings do not pose a concern to the subject property and are not considered a REC.

Kaiser Permanente San Jose Medical Center 1 – 260 International Circle (northern adjoining, inferred crossgradient)

The 260 International Circle property, located approximately 92 feet north of the subject property, was identified on the HAZMAT, SWEEPS UST, CUPA Listings, CERS Hazardous Waste, and CERS databases. According to the database listings, a diesel UST of unknown size is active at this property. Additionally, this property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the subject property. Langan reviewed the inspection history, and all violations have since been returned to compliance. None of the violations were indicative of a release; therefore, these database listings do not pose a concern to the subject property and are not considered a REC.

Kaiser Permanente San Jose Medical Building 3 – 270 International Circle (northern adjoining, inferred crossgradient)

The 270 International Circle property, located approximately 92 feet to the north of the subject property, was identified on the HAZMAT, CUPA Listings, CERS Hazardous Waste, and CERS databases. The property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan reviewed the inspection history and no violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Kaiser Permanente San Jose Medical Building 1 – 276 International Circle (northern adjoining, inferred crossgradient)

The 276 International Circle property, located approximately 112 feet to the north of the subject property, was identified on the HAZMAT, CUPA Listings, CERS Hazardous Waste, and CERS databases. According to the database listings, this property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan reviewed the inspection history and no violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Santa Theresa Branch Library – 290 International Circle (eastern adjoining, inferred crossgradient)

The 290 International Circle property, located approximately 20 feet to the east of the subject property, was identified on the CIWQS database. According to the database listings, the property was enrolled in the State Water Board Construction Stormwater Program in 2008 through 2010 for the redevelopment of the asphalt paved parking lot located east of the property. The State Water Board regulates stormwater discharge from active construction sites due to the potential for pollutants to mobilize into surface water bodies. No violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Best Fields Animal Dentist – 6110 Camino Verde Drive (southern adjoining, inferred crossgradient)

The 6110 Camino Verde Drive property, located approximately 205 feet to the south of the subject property, was identified on the RCRA NonGen/NLR database. The facility is listed as a verified non-generator of hazardous waste. No violations or spills were recorded and therefore, this property is unlikely to represent an environmental concern for the subject property and is not considered a REC.

Former Phinos Phillips 66 Service – 6101 Camino Verde Drive (southern adjoining, inferred crossgradient)

The 6101 Camino Verde Drive property, located approximately 164 feet to the south of the subject property, was identified on the EDR Historical Auto database. An auto repair shop operated at this property from approximately 1971 through 1979. No violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Neighboring Properties

Langan focused on off-subject property facilities with known contamination in soil and groundwater that were most likely to represent potential environmental concerns at the subject property. These areas include nearby properties or locations that were in the near vicinity and/or

hydraulically up-gradient of the subject property. The estimated direction of groundwater flow is to the southwest within the immediate subject property vicinity.

Based on our review of the current EDR report dated January 2024, the general conditions for the subject property and nearby properties remain as described in the March 2023 EDR report. Based on our review of the off-subject property database, all of the nearby listings had no violations, were closed by the regulatory agency, were hydrologically cross-gradient or downgradient, or were determined to be a significant distance (greater than a ¼ mile) from the subject property.

REVIEW OF PUBLIC RECORDS

Public record requests were submitted to the City of San Jose, Santa Clara County Fire Department, and SCCDEH. Online EnviroStor and GeoTracker databases, operated by the DTSC and the SWRCB, respectively, were searched as well as United States Geological Survey (USGS) mapping and US EPA databases. No relevant files were located beyond what the Client had provided to Langan at the time of this report's completion.

SITE AND VICINITY RECONNAISSANCE

Langan completed the site reconnaissance on 19 January 2024. Lee Ann Knight (Hospital COE), Riccardo Simpson (Hospital Safety), accompanied Dulce Rodriguez and Peter J. Cusack of Langan during the site reconnaissance. The site reconnaissance focused on the spatial extent of the subject property and associated structures and progressed to the adjoining and surrounding properties. The adjoining properties were observed from the subject property or from public rights-of-way. The weather at the time of the site reconnaissance was approximately 58°F and overcast.

Langan interviewed Lee Ann Knight (the "key site manager") during the site reconnaissance on 19 January 2024.

Current Subject Property Use

The subject property building currently operates as a hospital building and asphalt paved parking lot. The subject property building is occupied by the San Jose Kaiser Permanente Medical Center which operates as a general hospital.

The following table summarizes subject property utility providers.

Utility	Providers
Electricity (used for cooling)	Pacific Gas & Electric (PG&E)
Natural gas (used for heating)	PG&E
Water	Valley Water
Sewer	City of San Jose

Hazardous Substances and Petroleum Products

Langan observed the following hazardous material stored at the subject property for routine hospital operations: helium, ethylene oxide, radiologic health materials, and typical boiler room chemicals. Langan did not observe evidence of leaks, spills, pools of liquid or releases such as staining or sheens at the subject property.

Underground Storage Tanks (USTs)

The EDR database report identified the following active UST: one 10,000-gallon UST containing diesel fuel. Langan observed the 10,000-gallon UST for diesel storage at the subject property. The key site manager stated that the UST is used to supply fuel to the three generators located on the subject property. Langan did not identify releases associated with the UST.

Aboveground Storage Tanks (ASTs)

Langan observed one AST water supply tank at the subject property. Langan did not identify releases associated with the AST.

Drums, Totes, and Intermediate Bulk Containers

Langan did not observe any drums, totes, or intermediate bulk containers during the site reconnaissance.

Other Chemical Storage, Containers, or Equipment

Langan observed shelves and storage cabinets containing retail-size containers of general cleaning products, alcohol, pharmaceuticals, medical supplies, and medical gases. Langan observed Conex storage boxes in the southeast area of the asphalt paved parking lot.

Air Emissions

Langan did not observe any air emission sources at the subject property. Langan does not consider the air emissions an environmental concern for the subject property.

Hazardous Waste

Langan observed hazardous waste storage and disposal areas throughout the hospital building. Observed hazardous waste included battery waste, pharmaceutical waste, and laboratory waste.

Non-Hazardous Waste

Langan did not observe any non-hazardous waste containers at the subject property.

Fill Areas or Solid Waste

Langan did not observe fill areas or solid waste at the subject property during the site reconnaissance with the exception of refuse associated with general hospital operations stored in proper containers.

Wastewater

Sanitary and wastewater are discharged to the municipal sanitary sewer system. Langan did not observe or identify evidence of septic systems or cesspools at the subject property.

Storm Water

Storm water at the subject property sheet flows to the adjoining roadways into the municipal combined sanitary sewer system.

CONCLUSIONS

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historical information, and contact with federal/state/local official agencies, no RECs were identified in connection with the subject property.

Langan recommends implementing the SMP which will mitigate potential risks associated with the handling of the soil which will be encountered during the construction activities. Once soil handling procedures are completed, a Completion Report will be prepared. This report will include will present a chronology of the construction events, a summary of analytical data, a copy of all manifests from the site, and a description of all soil management activities at the site. The report will also document that soil handling procedures were implemented in accordance with the SMP.

LIMITATIONS

Activities undertaken as part of this assessment were conducted on behalf of Kaiser Foundation Health Plan, Inc. (Client) to provide preliminary information and data as input to possible decisions about the subject property. The conclusions presented in this report are professional opinions based on the specific activities conducted. Information obtained from government agencies and the current property owner is dependent upon the quality of the information obtained.

Langan makes no guarantees or warranties with respect to the accuracy or completeness of this information. Opinions and recommendations presented herein apply to subject property conditions existing at the time of our assessment and cannot necessarily be taken to apply to changes or conditions of which we are not aware and have not had the opportunity to evaluate.

The assessment did not include testing for the presence of lead paint, asbestos, PCBs in transformers or other electrical equipment, or naturally occurring environmental hazards (e.g., radon). The assessment did not address non-chemical hazards, such as the potential for seismic hazards at the site, nor did the scope of this work include any soil, air, or groundwater testing.

Thank you for the opportunity to provide this Updated Phase I ESA. If you have any questions or need any information clarified, please call Mr. Peter J. Cusack at (408) 283-3615.

Sincerely yours,
Langan CA, Inc.

Sarah Middleton
Senior Staff Geologist

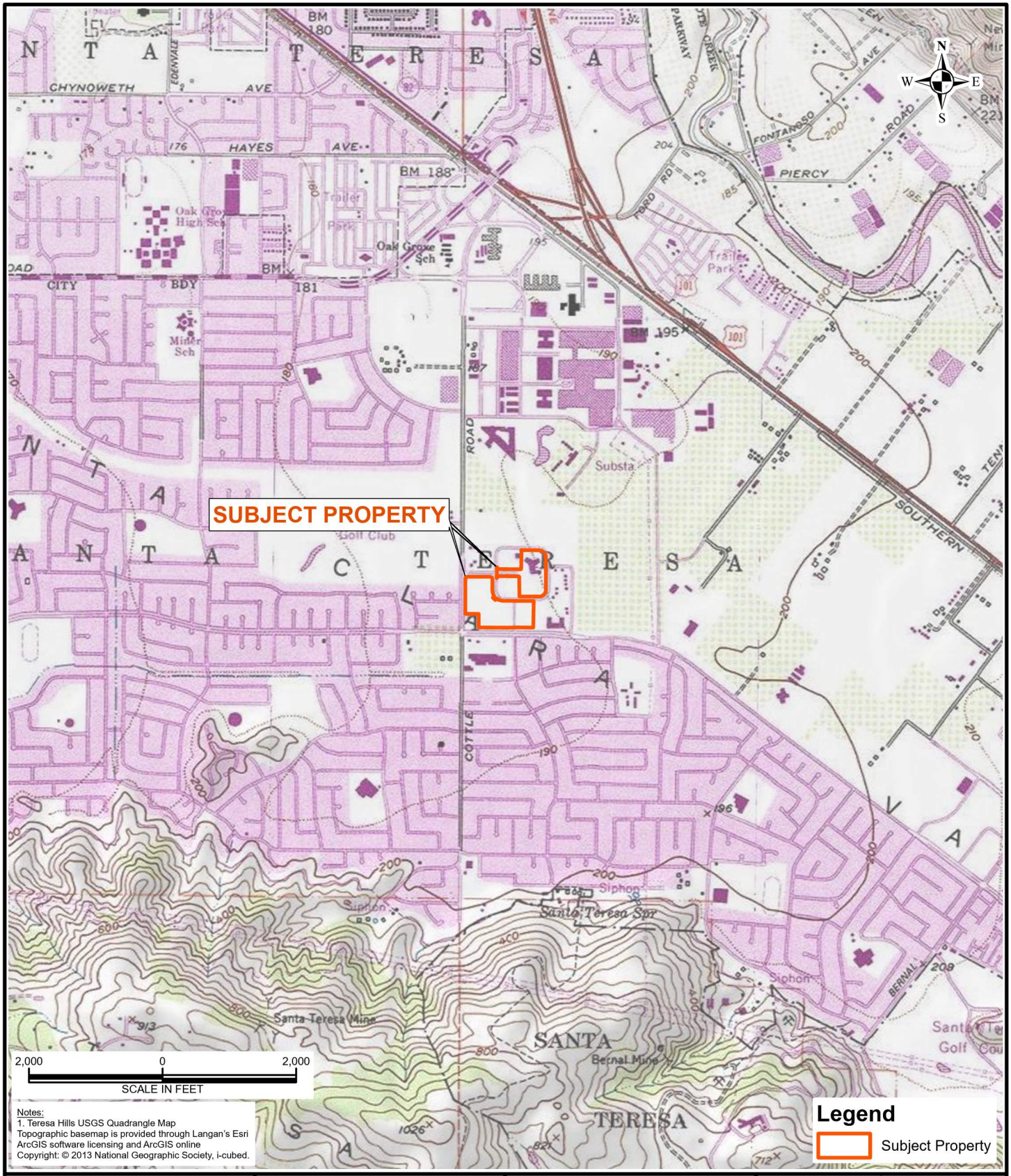
Peter J. Cusack
Associate Principal/Vice President

Attachments: Figure 1 – Subject Property Location Map
Figure 2 – Subject Property Layout
Figure 3 – Nearby Properties Map
Figure 4 – Approximate Location of Class II Non-Hazardous Material

Appendix A – Historical Resources
Appendix B – Environmental Database Report
Appendix C – Site Reconnaissance Photographs and Checklist
Appendix D – Resumes of Environmental Professionals

750677301.08 Updated Phase I ESA_Kaiser San Jose

FIGURES



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Project

SAN JOSE CAMPUS MASTER PLANNING
KAISER PERMANENTE MEDICAL CENTER
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

Figure Title

SUBJECT PROPERTY LOCATION MAP

Project No.	Figure
750677301	1
Date: 1/25/2024	
Scale: 1" = 2,000 feet	
Drawn By: KA	

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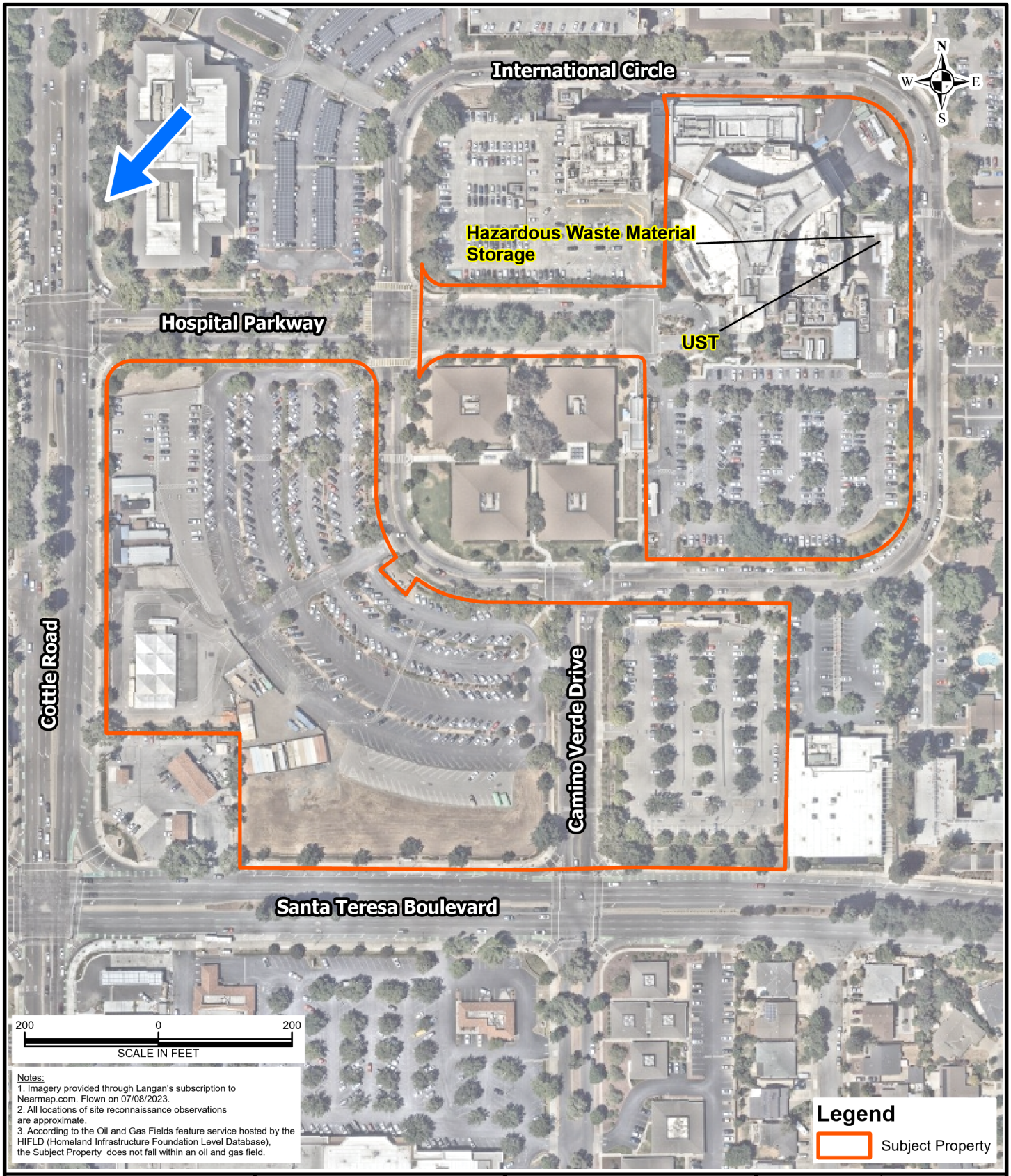
Path: \\Langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\750677301_Ph_I_ESA\750677301_Ph_I_ESA.aprx



Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 07/08/2023.
2. All locations of site reconnaissance observations are approximate.
3. According to the Oil and Gas Fields feature service hosted by the HIFLD (Homeland Infrastructure Foundation Level Database), the Subject Property does not fall within an oil and gas field.

Legend

Subject Property

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Project
SAN JOSE CAMPUS MASTER PLANNING
KAISER PERMANENTE MEDICAL CENTER
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

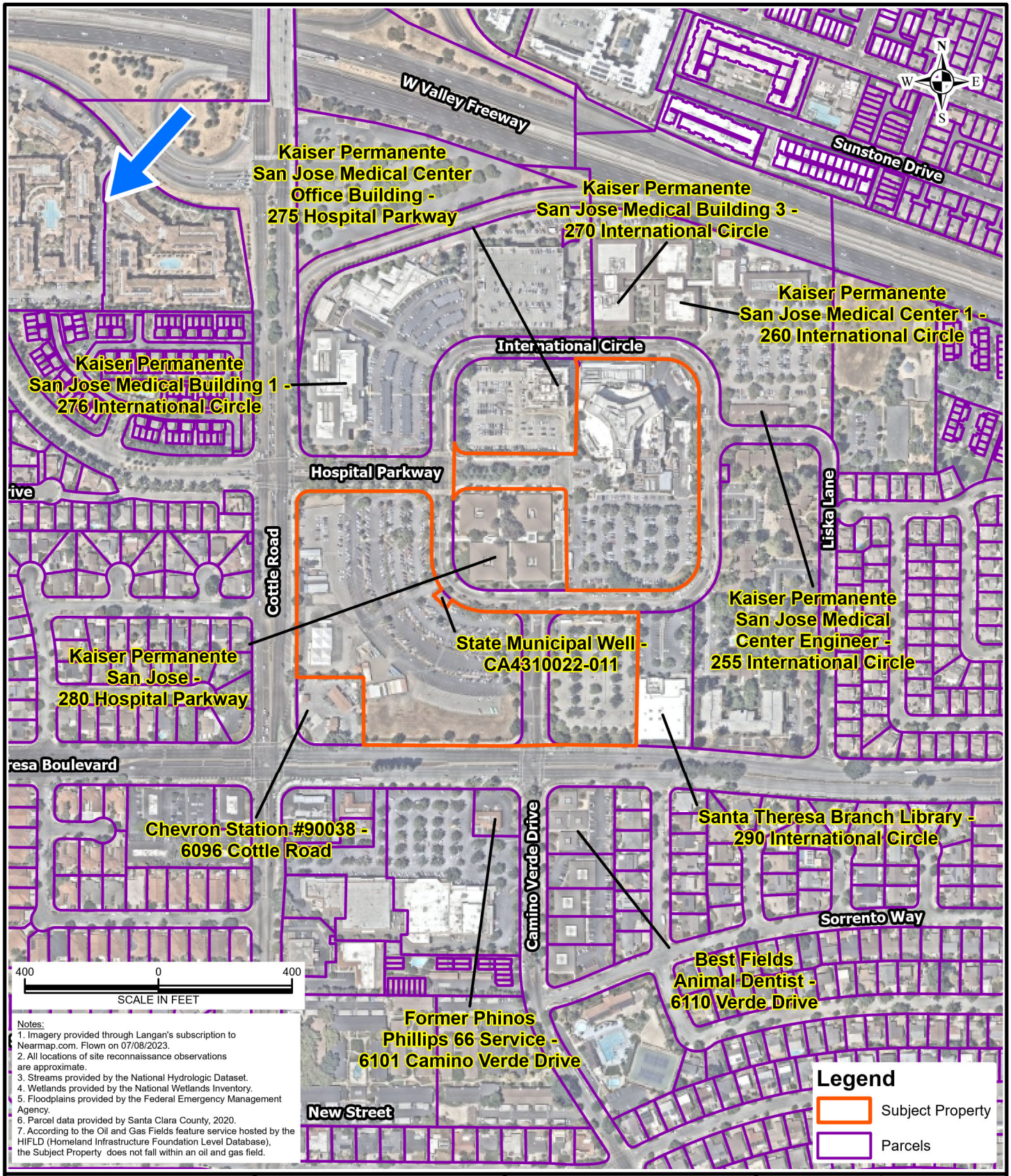
Figure Title
SUBJECT PROPERTY MAP

Project No.	750677301
Date	1/26/2024
Scale	1" = 200 feet
Drawn By	KA

Figure 2

© 2024 Langan

Path: \\Langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\750677301_Ph_I_ESA\750677301_Ph_I_ESA.aprx



Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 07/08/2023.
2. All locations of site reconnaissance observations are approximate.
3. Streams provided by the National Hydrologic Dataset.
4. Wetlands provided by the National Wetlands Inventory.
5. Floodplains provided by the Federal Emergency Management Agency.
6. Parcel data provided by Santa Clara County, 2020.
7. According to the Oil and Gas Fields feature service hosted by the HIFLD (Homeland Infrastructure Foundation Level Database), the Subject Property does not fall within an oil and gas field.

LANGAN

Langan Engineering and Environmental Services, Inc.

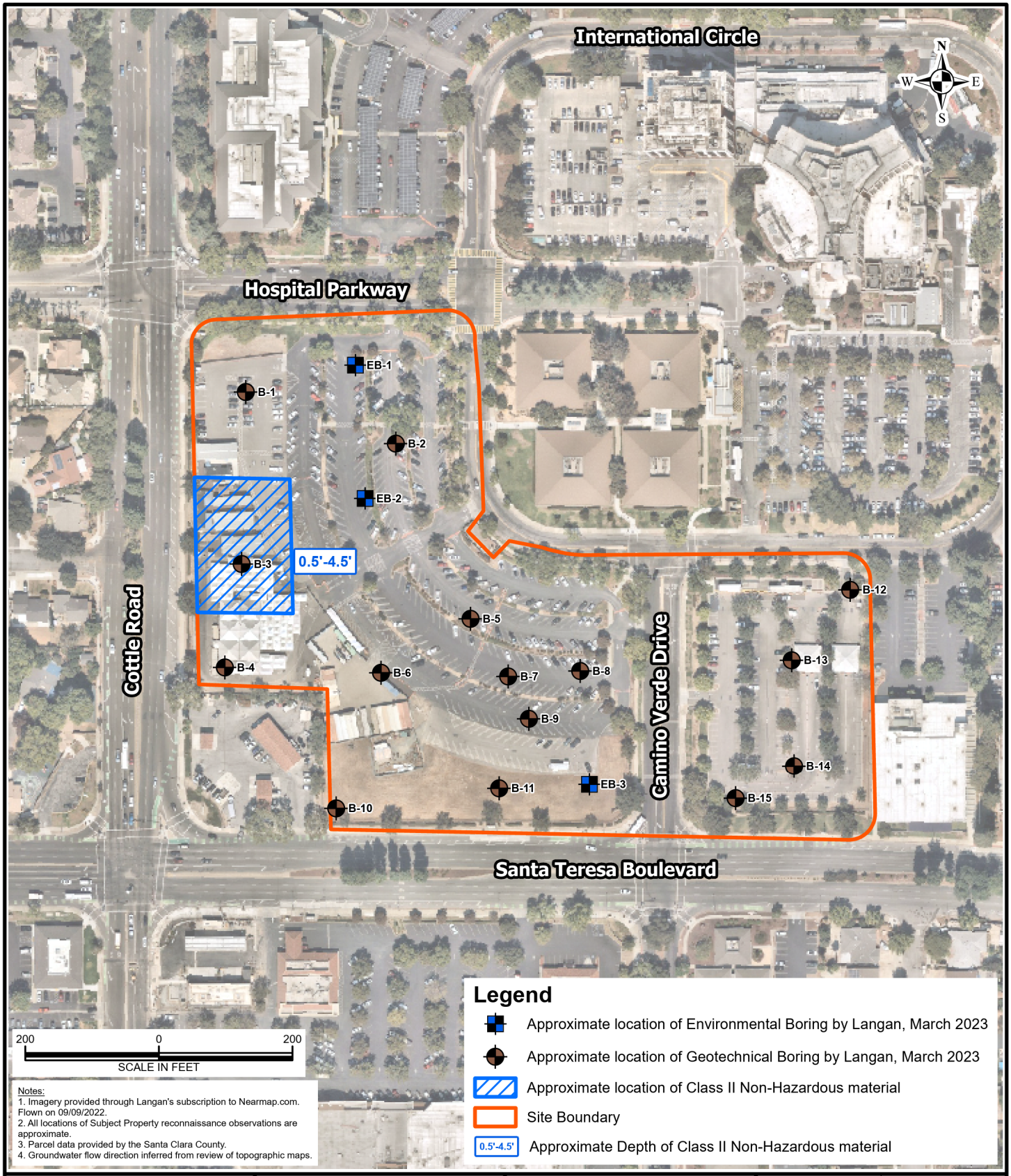
1814 Franklin Street, Suite 505
Oakland, CA 94612-1420

T: 510.874.7000 F: 510.874.7001
www.langan.com

Project	Figure Title	Project No.	Figure
SAN JOSE CAMPUS MASTER PLANNING KAISER PERMANENTE MEDICAL CENTER SAN JOSE SANTA CLARA COUNTY CALIFORNIA	NEARBY PROPERTIES MAP	750677301	3
		Date: 1/29/2024	
		Scale: 1" = 400 feet	
		Drawn By: KA	

© 2024 Langan

Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\750677301_Ph_I_ESA\750677301_Ph_I_ESA.aprx



LANGAN

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1 Almaden Boulevard, Suite 590
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www.langan.com

Project	KAISER PERMANENTE SAN JOSE REPLACEMENT HOSPITAL SAN JOSE SANTA CLARA COUNTY CA
Figure Title	Approximate Location of Class II Non-Hazardous Material
Project No.	750677301
Date	1/29/2024
Scale	1" = 200 feet
Drawn By	AC
Figure	4

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Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\Kaiser Permanente_750677301\Kaiser Permanente_750677301.aprx

APPENDIX A

HISTORICAL RESOURCES

San Jose Campus Master Planning

250 Hospital Parkway

San Jose, CA 95119

Inquiry Number: 7533665.8

January 05, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/05/24

Site Name:

San Jose Campus Master Plan
250 Hospital Parkway
San Jose, CA 95119
EDR Inquiry # 7533665.8

Client Name:

Langan
135 Main Street Suite 1500
SAn Francisco, CA 94105
Contact: Peter Cusack

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: August 22, 1998	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: July 12, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: June 12, 1956	USDA
1950	1"=500'	Flight Date: April 10, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1939	1"=500'	Flight Date: August 05, 1939	USDA

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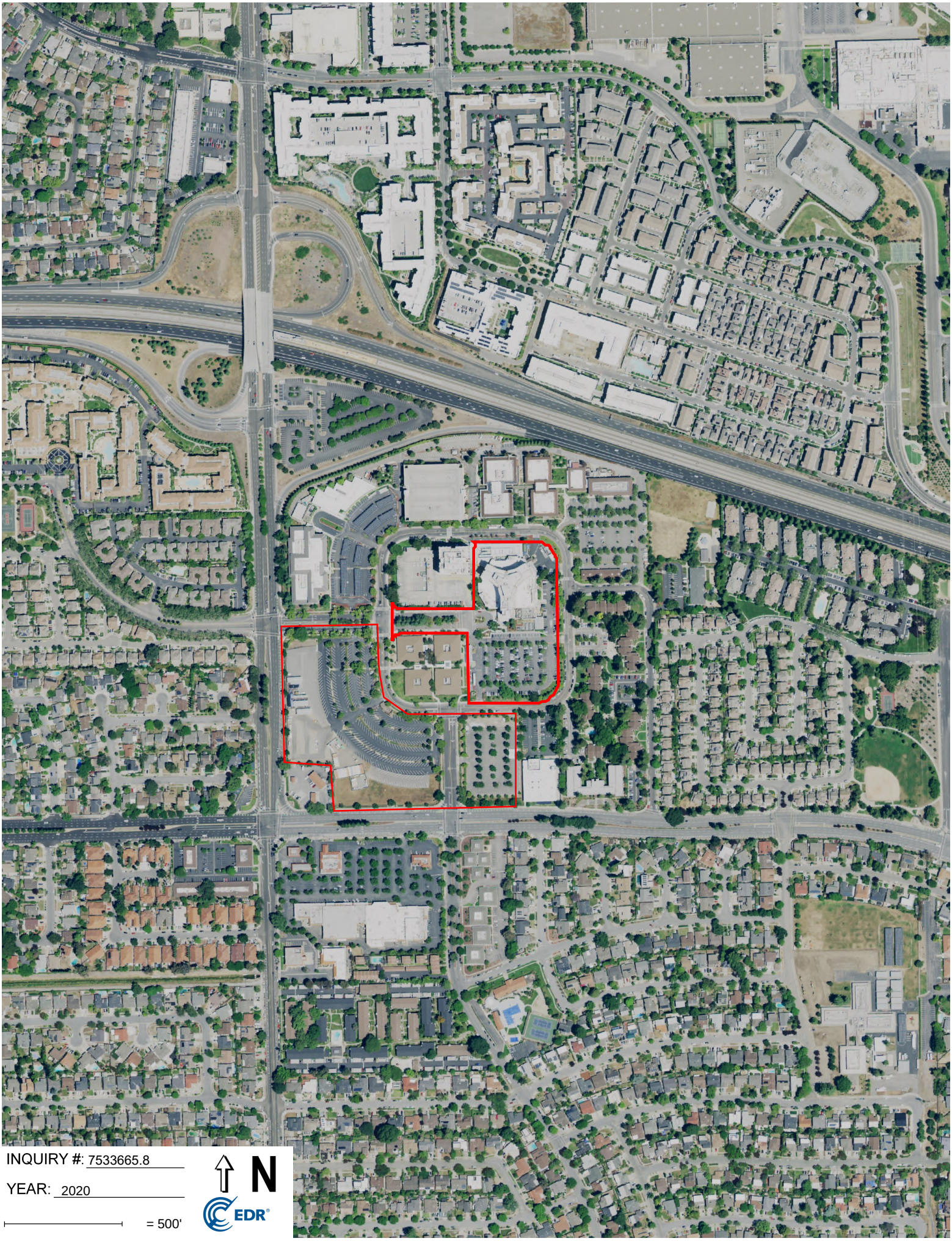
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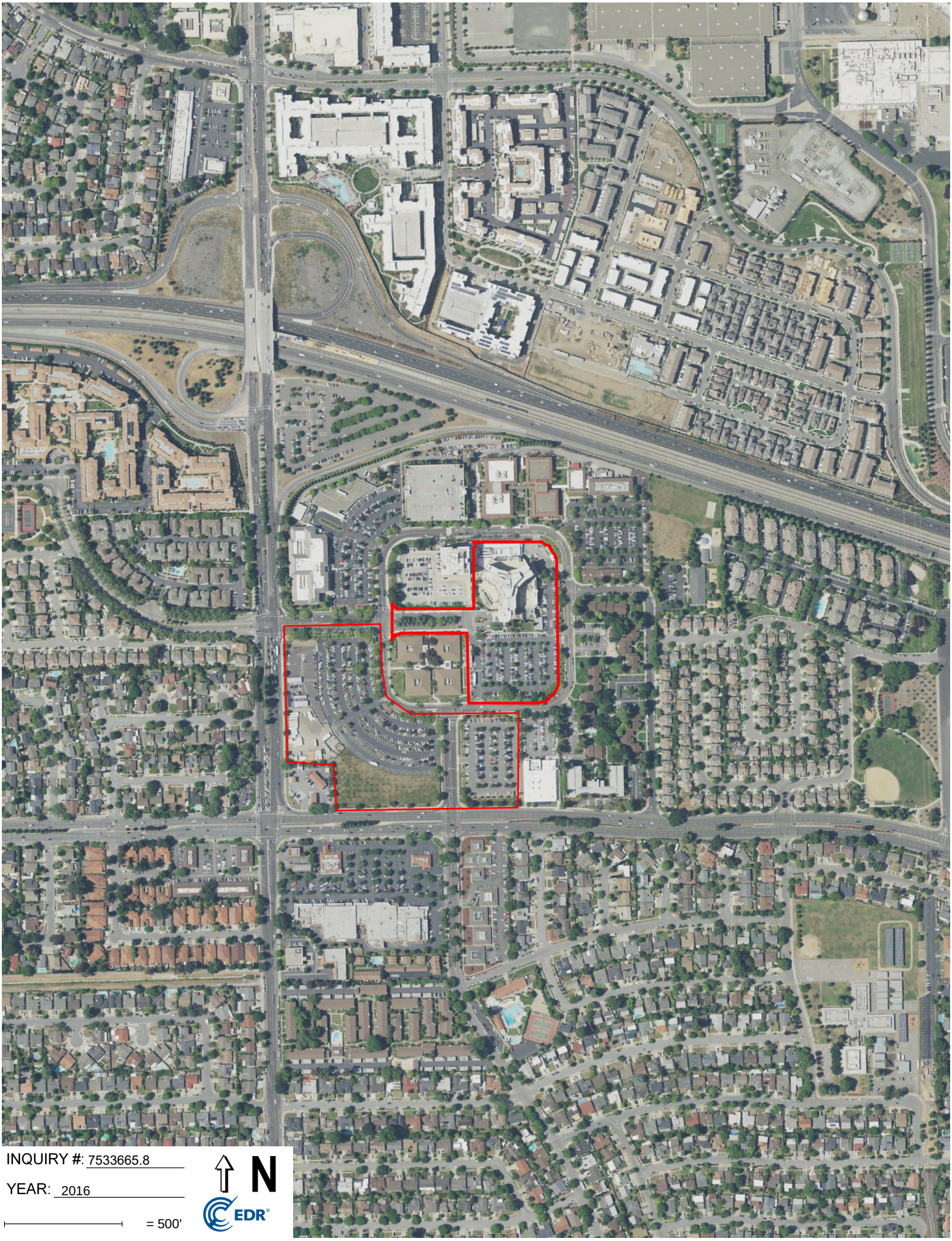
YEAR: 2020
= 500'
N
EDR



INQUIRY #: 7533665.8

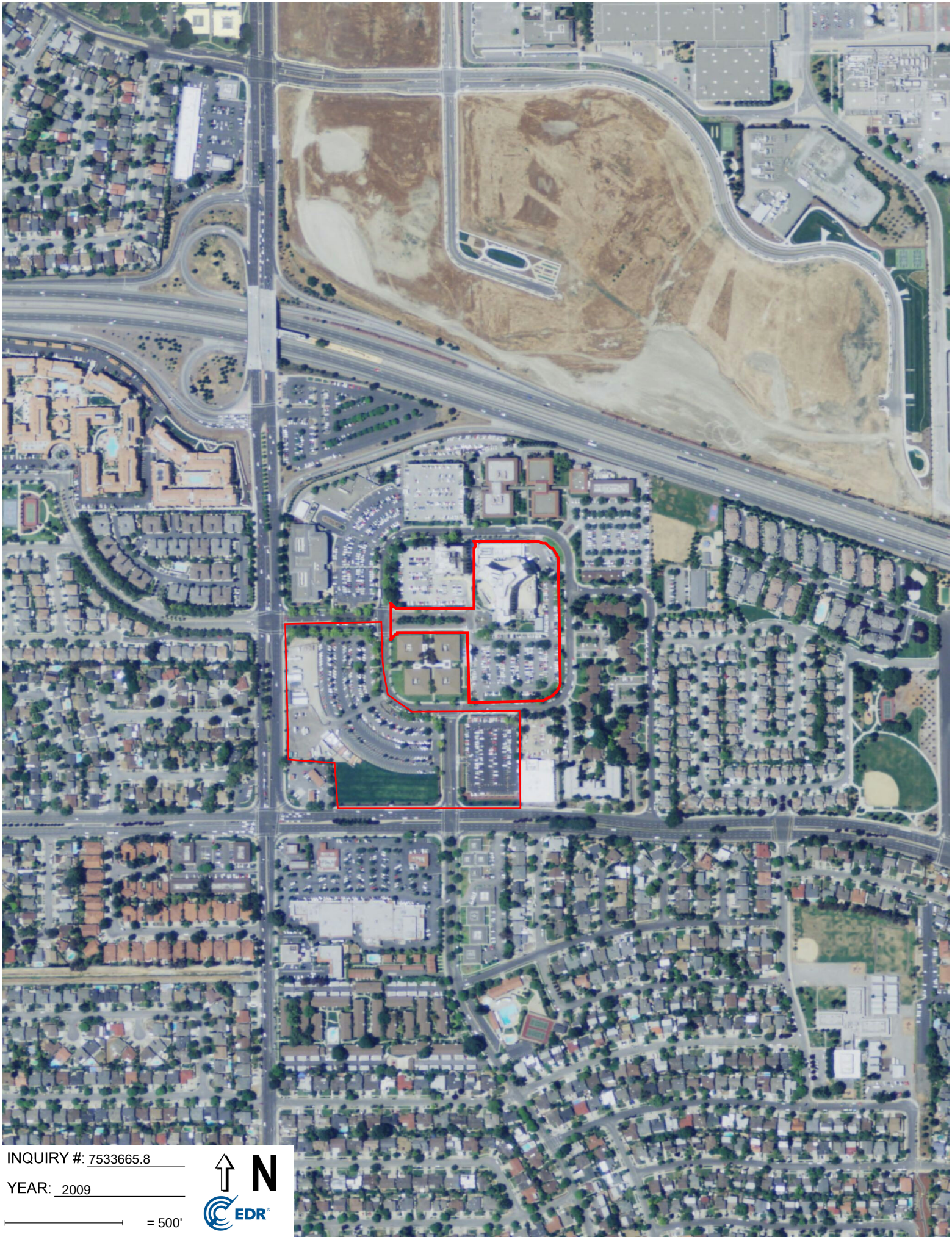
YEAR: 2016

= 500'

N

EDR

INQUIRY #: 7533665.8
YEAR: 2012
= 500'
N
EDR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YEAR: 2009
= 500'
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EDR

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YEAR: 2006
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EDR

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YEAR: 1998
= 500'
N
EDR
Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 7533665.8
YEAR: 1982
= 500'
N
EDR

INQUIRY #: 7533665.8

YEAR: 1974

= 500'

N

EDR

INQUIRY #: 7533665.8

YEAR: 1968

= 500'

N

EDR

INQUIRY #: 7533665.8

YEAR: 1963

= 500'

N

EDR

INQUIRY #: 7533665.8

YEAR: 1956

= 500'

N

EDR

INQUIRY #: 7533665.8

YEAR: 1950

= 500'

N

EDR

INQUIRY #: 7533665.8

YEAR: 1948

= 500'

N

EDR

INQUIRY #: 7533665.8

YEAR: 1939

= 500'

N

EDR

San Jose Campus Master Planning

250 Hospital Parkway

San Jose, CA 95119

Inquiry Number: 7533665.3

January 04, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/04/24

Site Name:

San Jose Campus Master Plan
250 Hospital Parkway
San Jose, CA 95119
EDR Inquiry # 7533665.3

Client Name:

Langan
135 Main Street Suite 1500
SAn Francisco, CA 94105
Contact: Peter Cusack

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 6884-42A4-AF5A

PO # NA

Project 750677301

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 6884-42A4-AF5A

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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San Jose Campus Master Planning

250 Hospital Parkway

San Jose, CA 95119

Inquiry Number: 7533665.4

January 04, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/04/24

Site Name:	Client Name:
San Jose Campus Master Plan	Langan
250 Hospital Parkway	135 Main Street Suite 1500
San Jose, CA 95119	SAn Francisco, CA 94105
EDR Inquiry # 7533665.4	Contact: Peter Cusack

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Langan were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 750677301

Coordinates:

Latitude:	37.239398 37° 14' 22" North
Longitude:	-121.800323 -121° 48' 1" West
UTM Zone:	Zone 10 North
UTM X Meters:	606409.06
UTM Y Meters:	4122104.30
Elevation:	192.00' above sea level

Maps Provided:

2021	1943
2018	1940
2015	1919
2012	1916
1980	
1968	
1953	
1947	

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Topo Sheet Key

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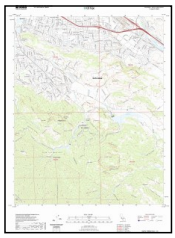
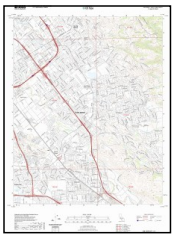
2021 Source Sheets

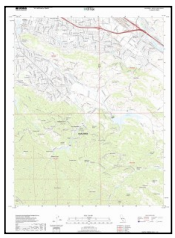


Santa Teresa Hills
2021
7.5-minute, 24000

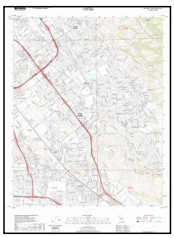


San Jose East
2021
7.5-minute, 24000

2018 Source Sheets

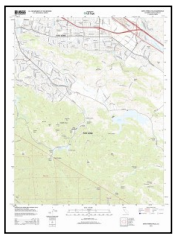


Santa Teresa Hills
2018
7.5-minute, 24000

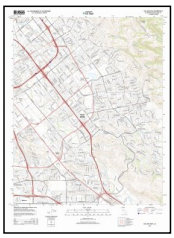


San Jose East
2018
7.5-minute, 24000

2015 Source Sheets

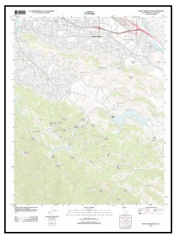


Santa Teresa Hills
2015
7.5-minute, 24000

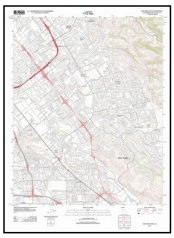


San Jose East
2015
7.5-minute, 24000

2012 Source Sheets



Santa Teresa Hills
2012
7.5-minute, 24000



San Jose East
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1980 Source Sheets

San Jose East
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Santa Teresa Hills
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1968 Source Sheets

Santa Teresa Hills
1968
7.5-minute, 24000
Aerial Photo Revised 1968

San Jose East
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1953 Source Sheets

Santa Teresa Hills
1953
7.5-minute, 24000
Aerial Photo Revised 1948

San Jose East
1953
7.5-minute, 24000
Aerial Photo Revised 1948

1947 Source Sheets

LOS GATOS
1947
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

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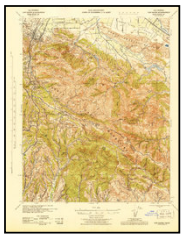
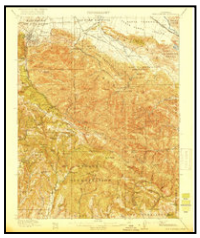


Los Gatos
1943
15-minute, 62500
Aerial Photo Revised 1937

1940 Source Sheets

Los Gatos
1940
15-minute, 62500
Aerial Photo Revised 1937

1919 Source Sheets



New Almaden
1919
15-minute, 62500

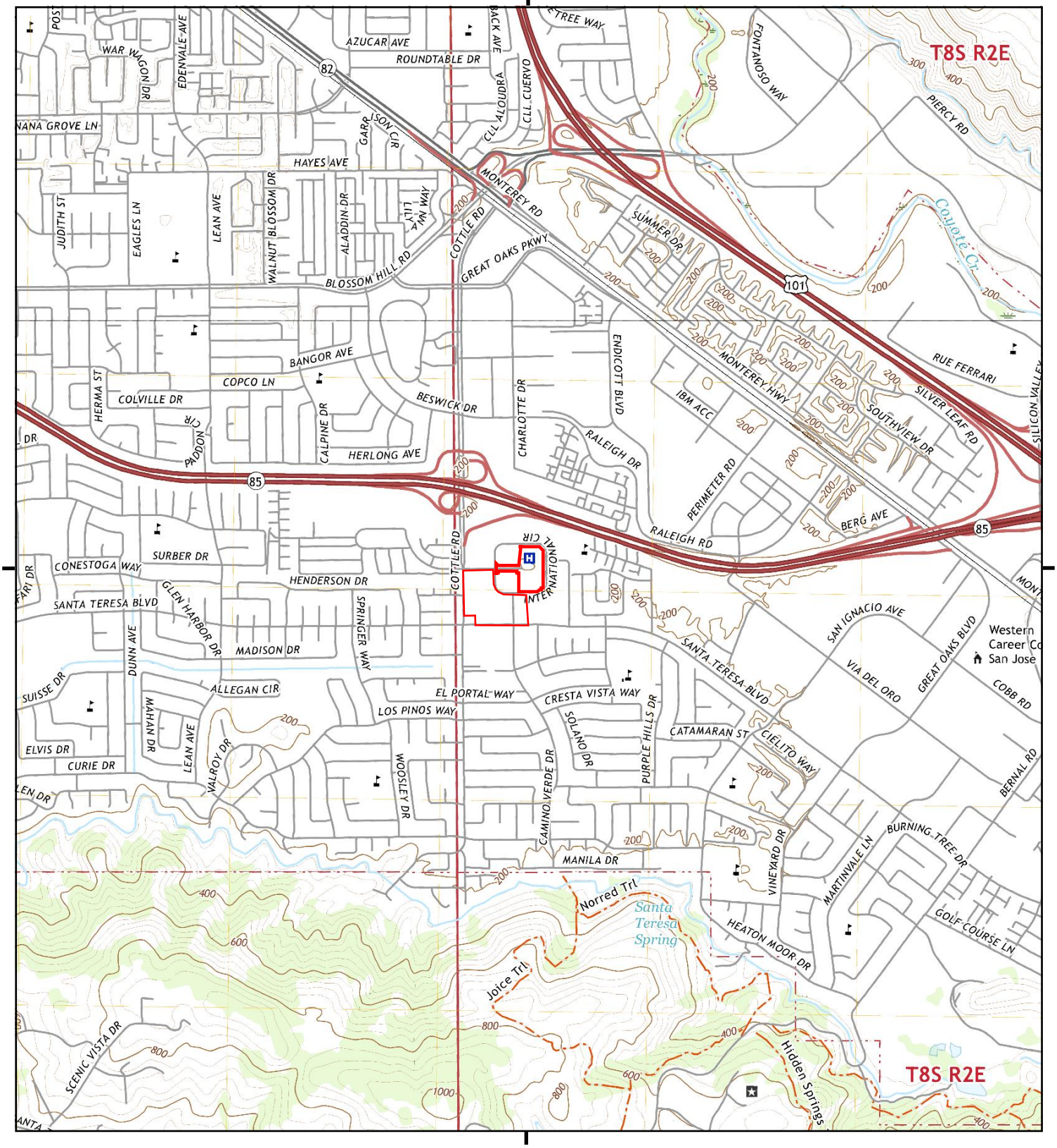
Los Gatos
1919
15-minute, 62500

1916 Source Sheets

New Almaden
1916
15-minute, 48000

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

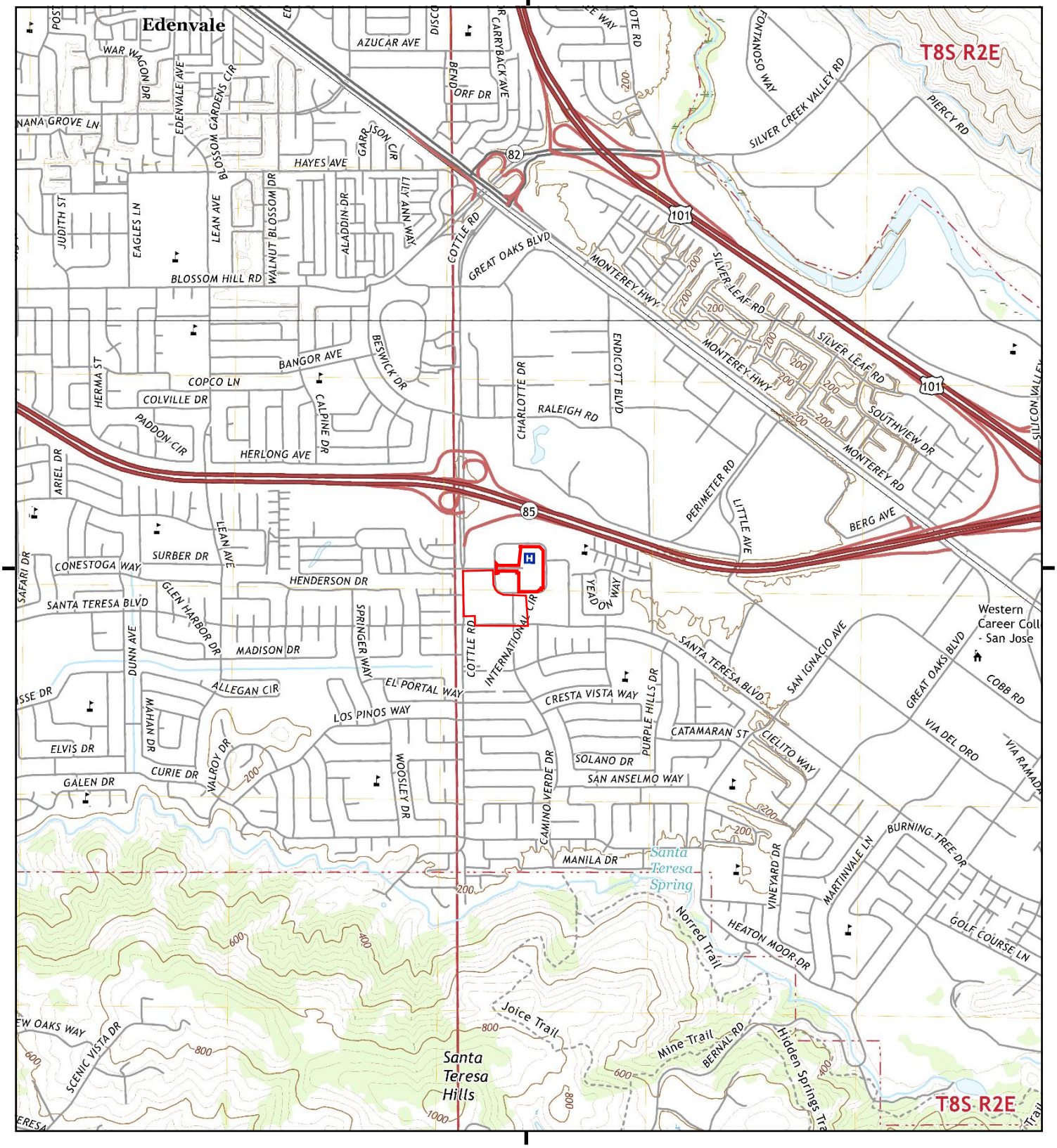
TP, Santa Teresa Hills, 2021, 7.5-minute
N, San Jose East, 2021, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

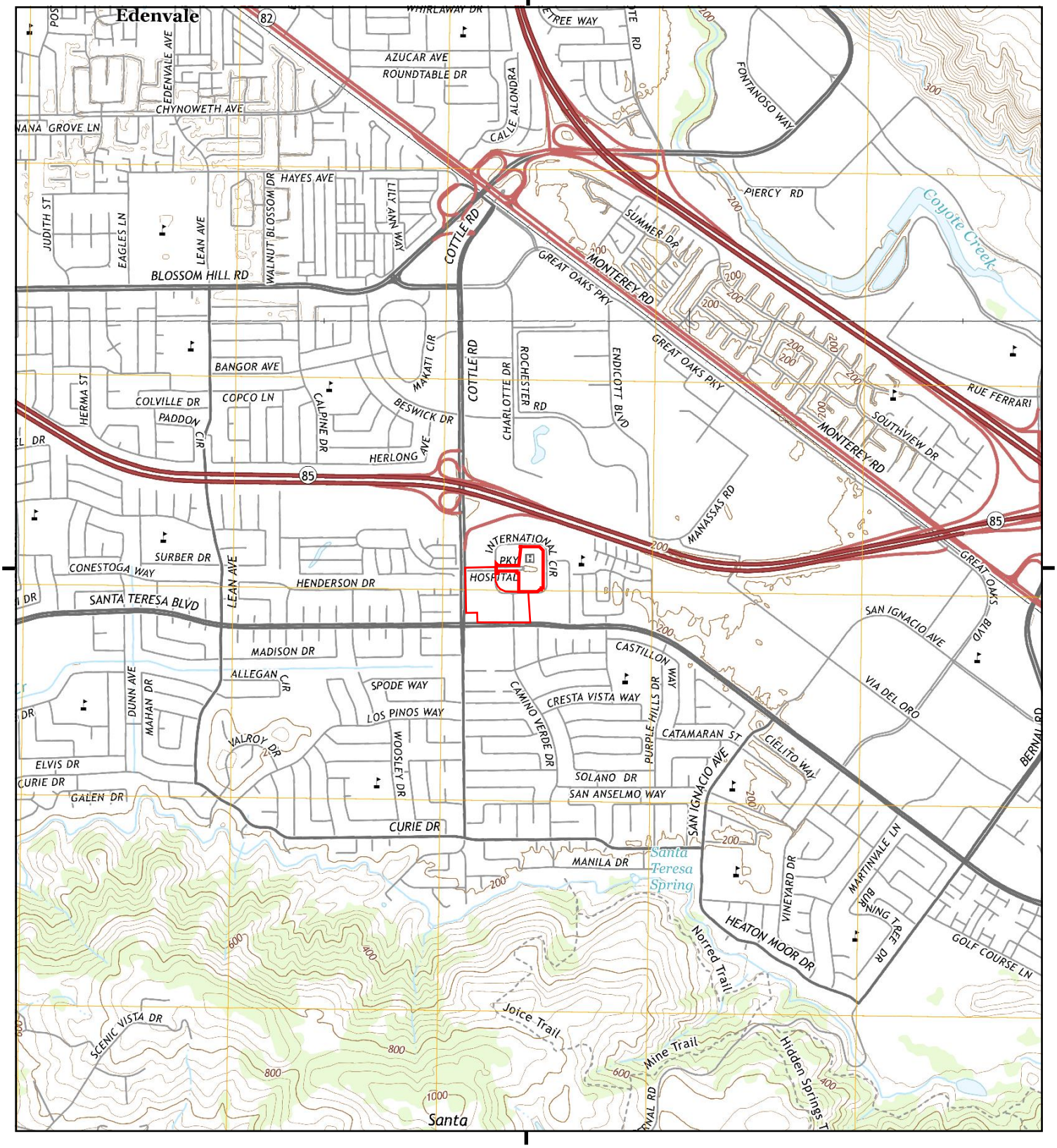
TP, Santa Teresa Hills, 2018, 7.5-minute
N, San Jose East, 2018, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

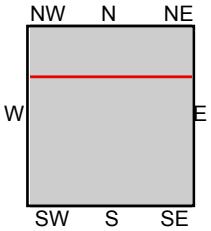
Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



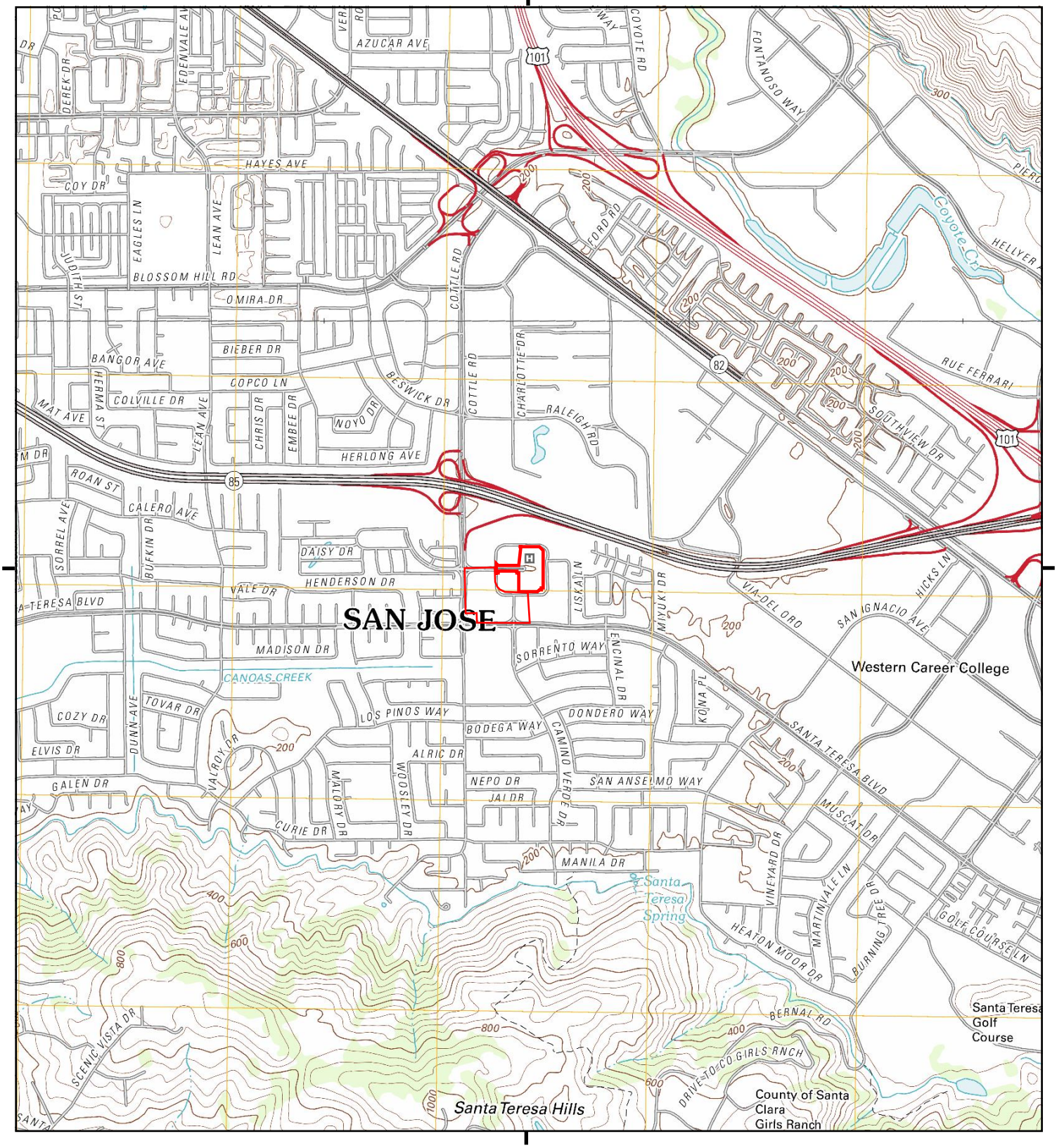
TP, Santa Teresa Hills, 2015, 7.5-minute
N, San Jose East, 2015, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

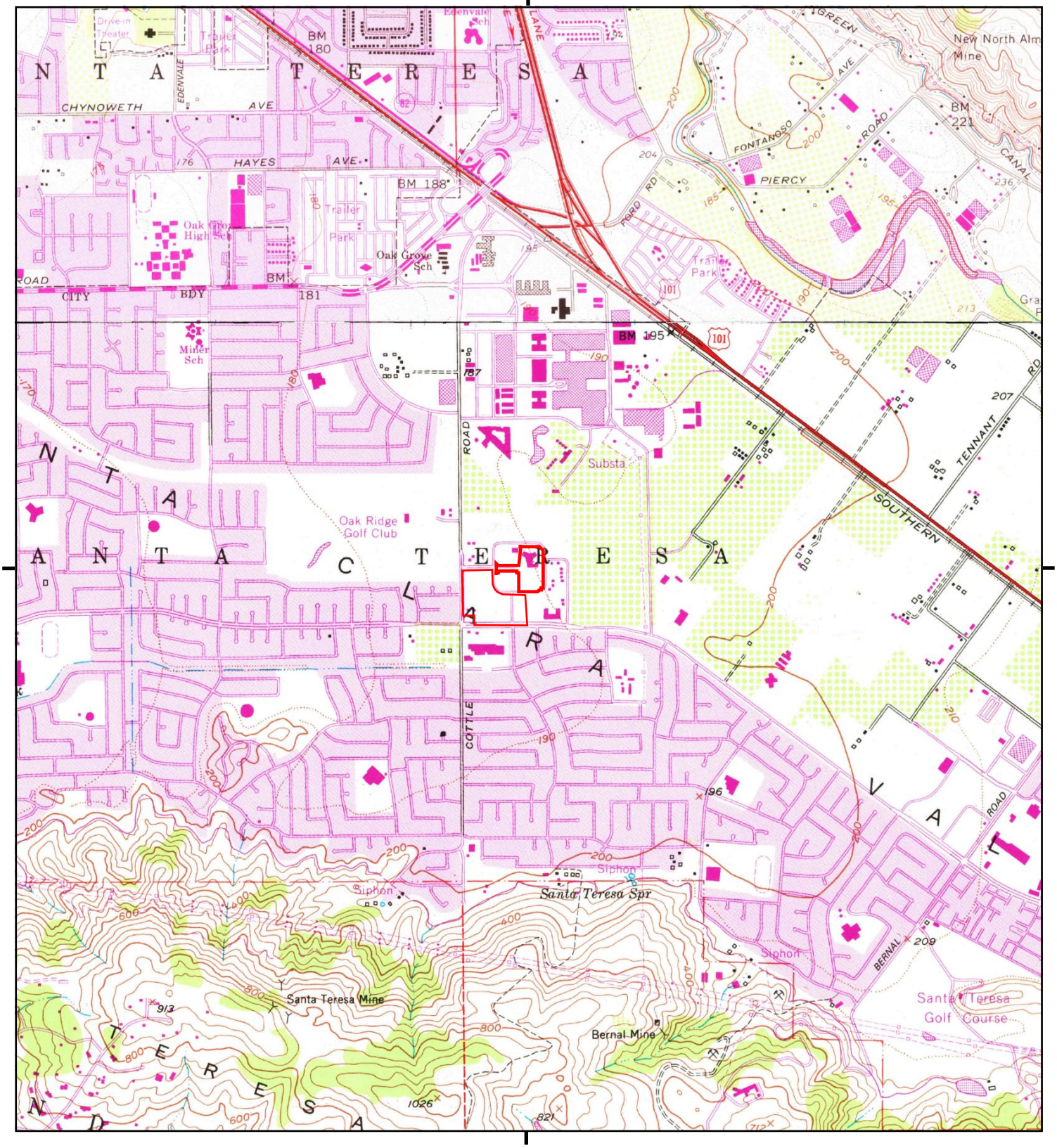
TP, Santa Teresa Hills, 2012, 7.5-minute
N, San Jose East, 2012, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

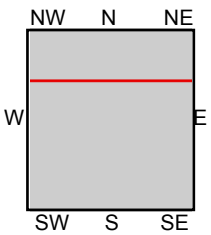
Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Santa Teresa Hills, 1980, 7.5-minute
N, San Jose East, 1980, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

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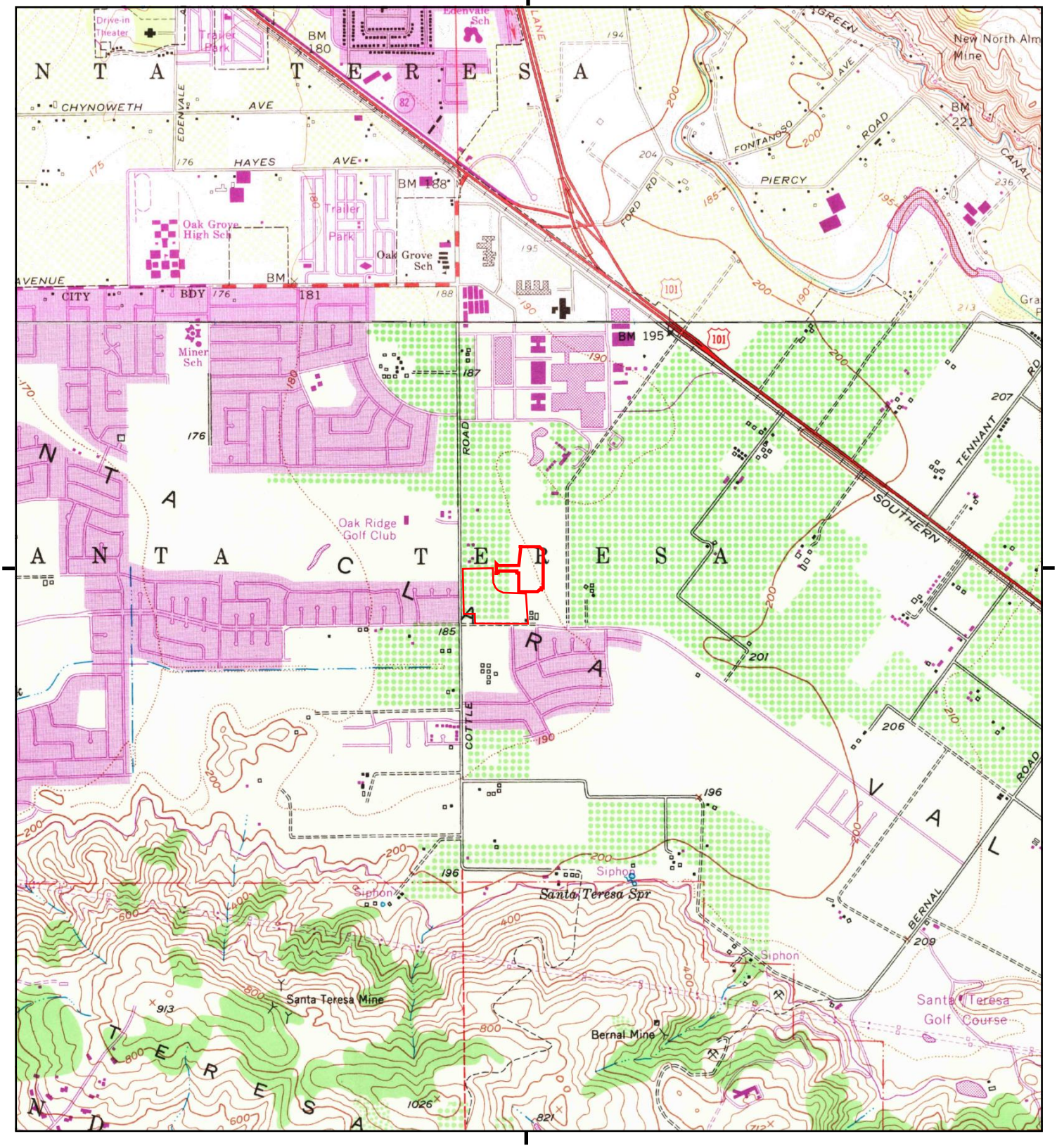

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0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

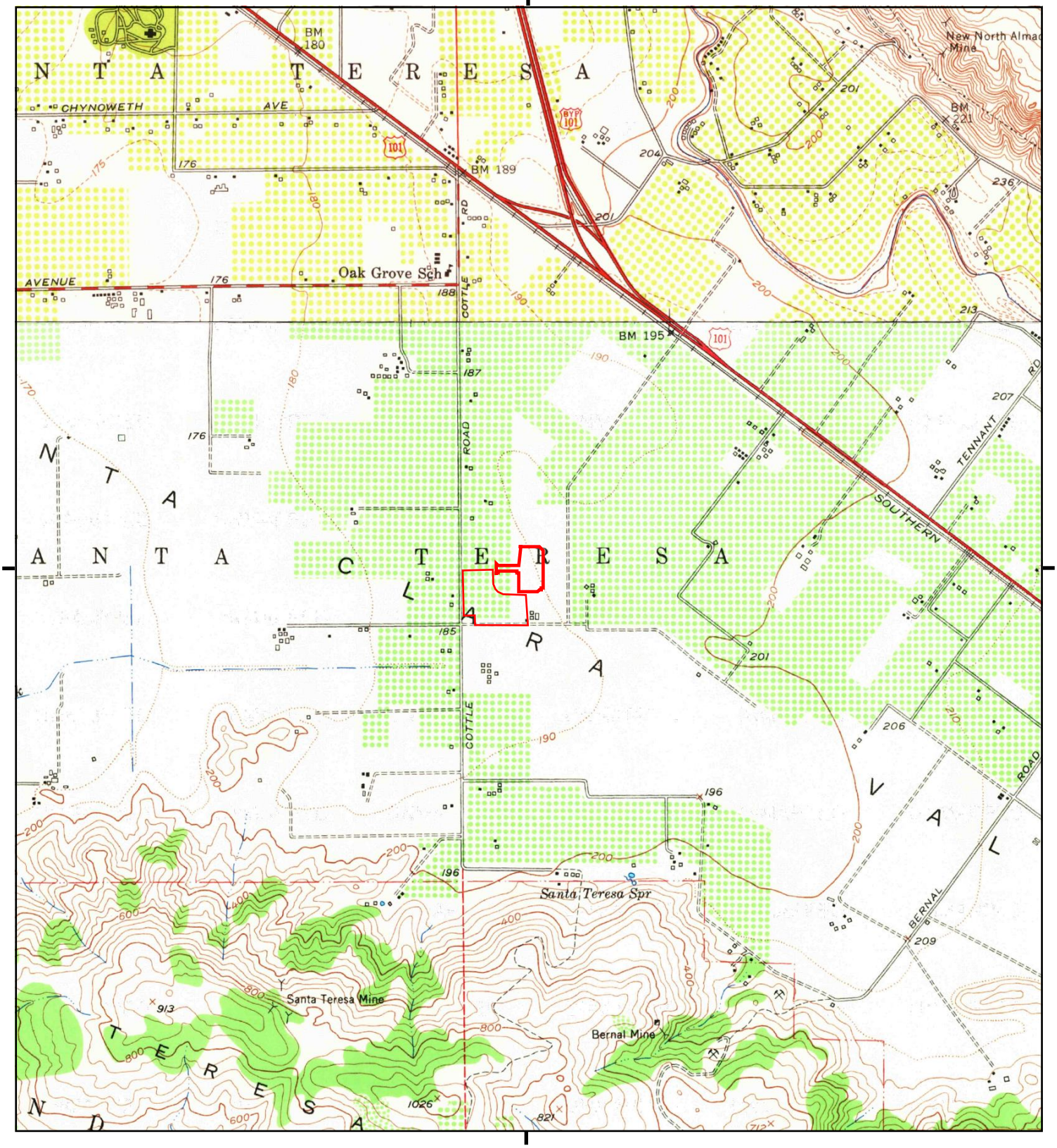
TP, Santa Teresa Hills, 1968, 7.5-minute
N, San Jose East, 1968, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

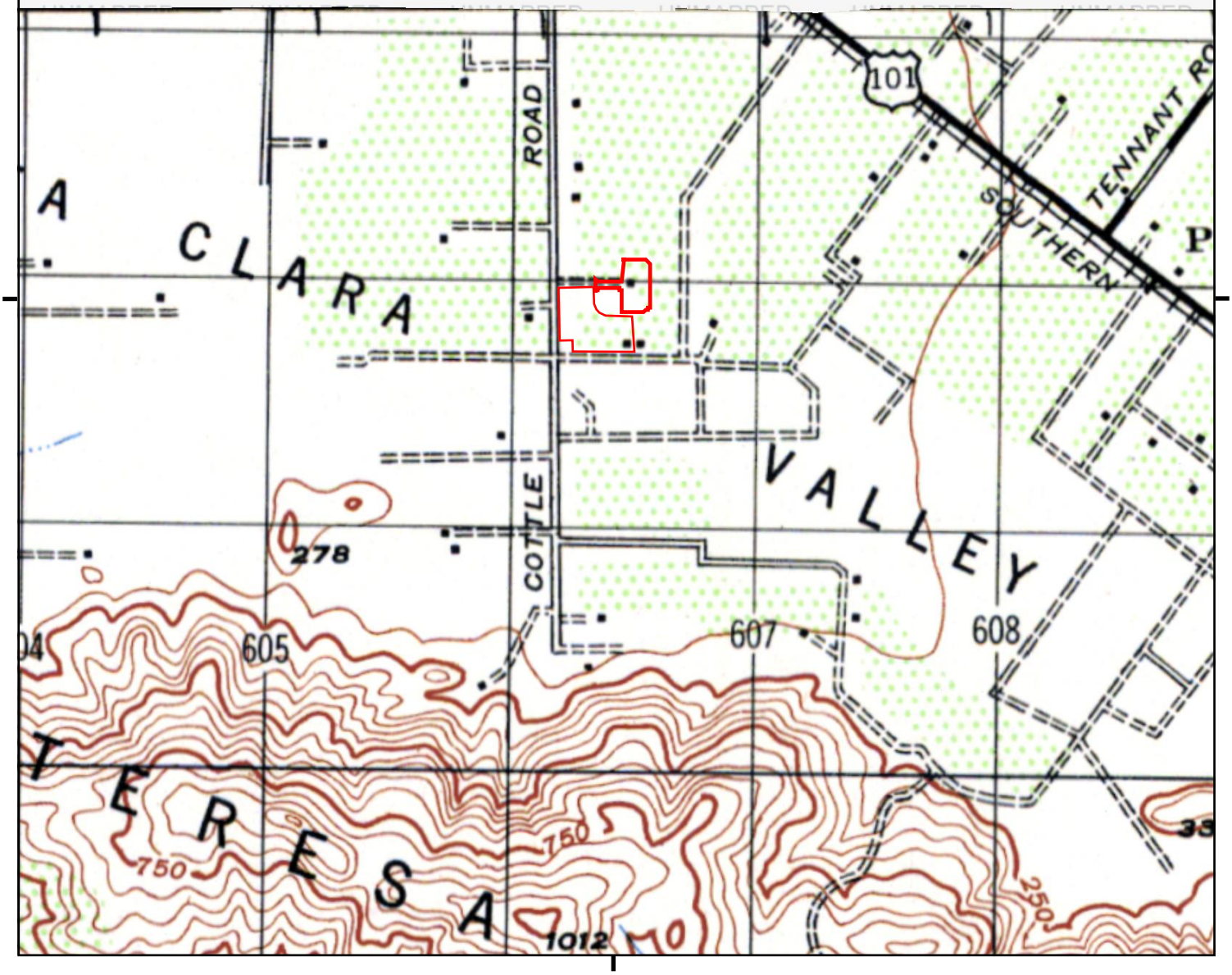
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Teresa Hills, 1953, 7.5-minute
N, San Jose East, 1953, 7.5-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, LOS GATOS, 1947, 15-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

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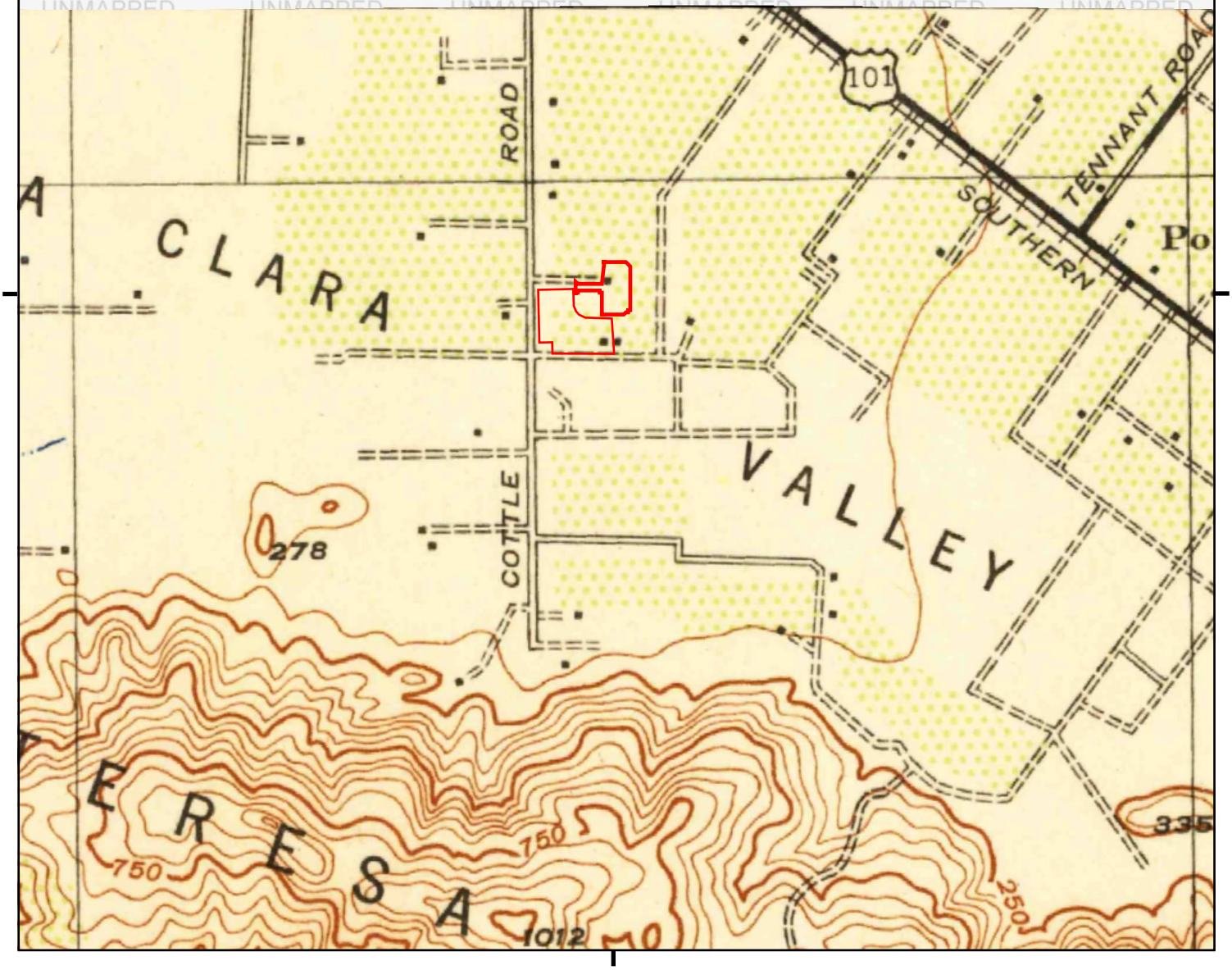

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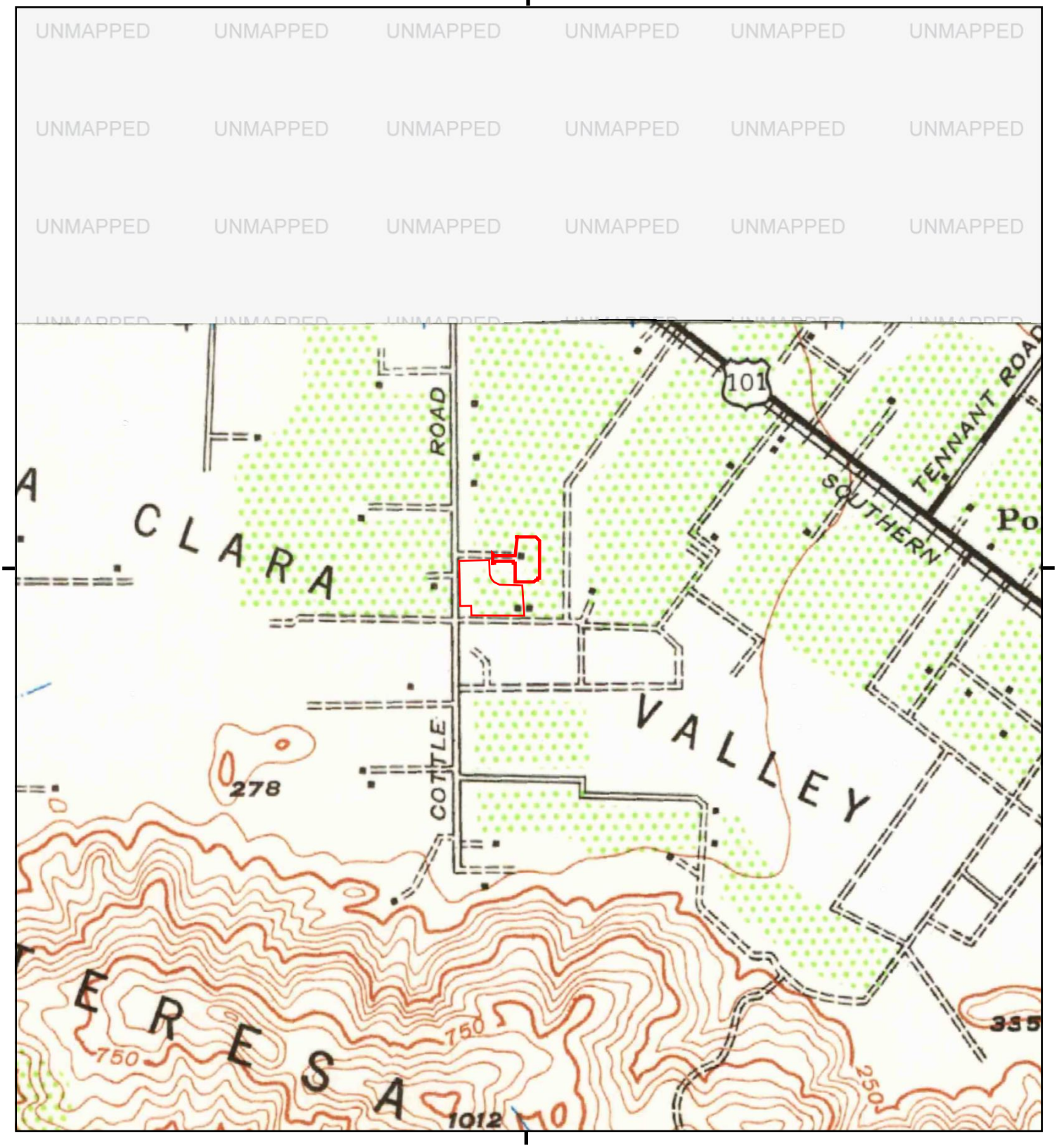
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Gatos, 1943, 15-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Gatos, 1940, 15-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

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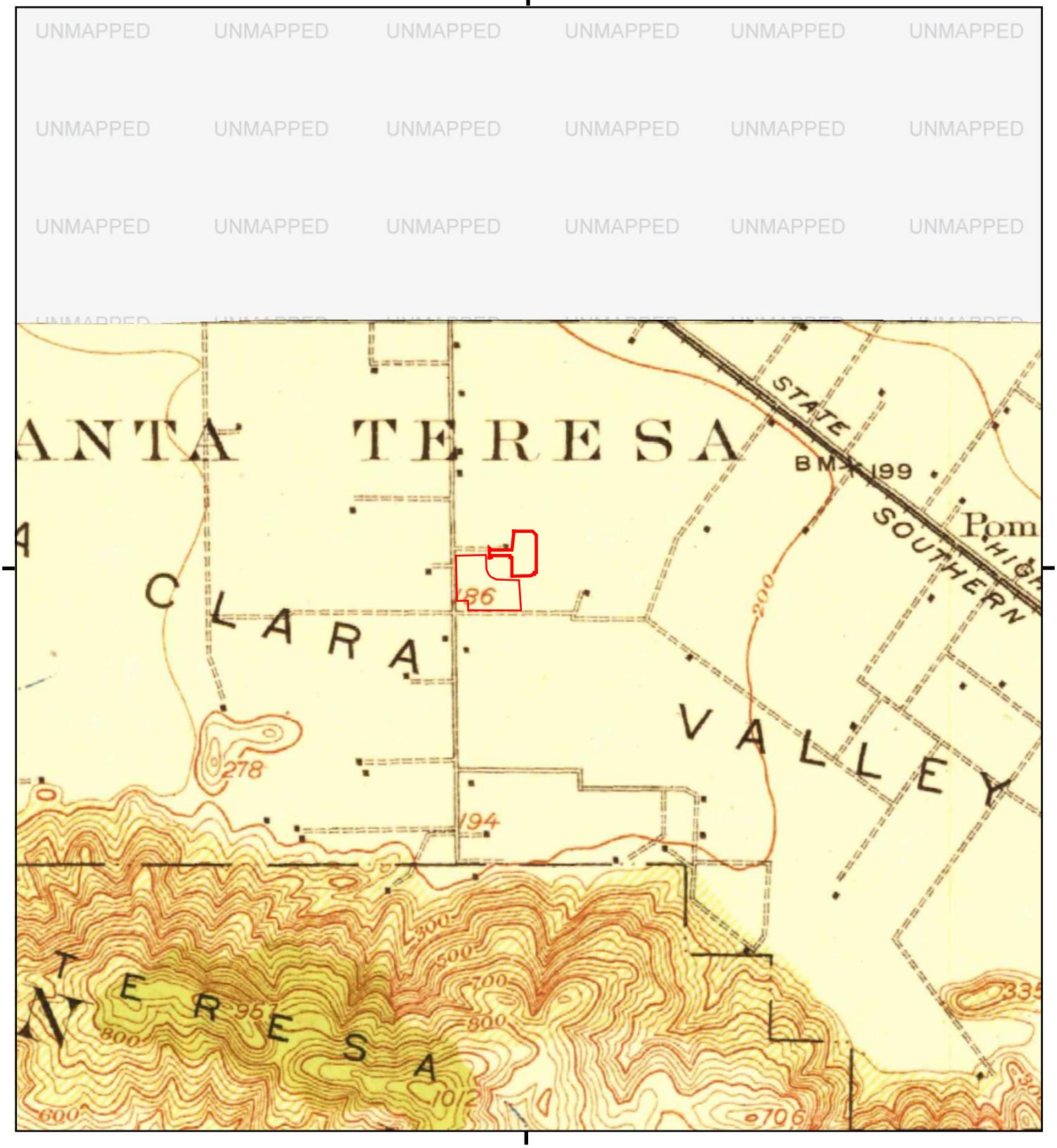

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, New Almaden, 1919, 15-minute
TP, Los Gatos, 1919, 15-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

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UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
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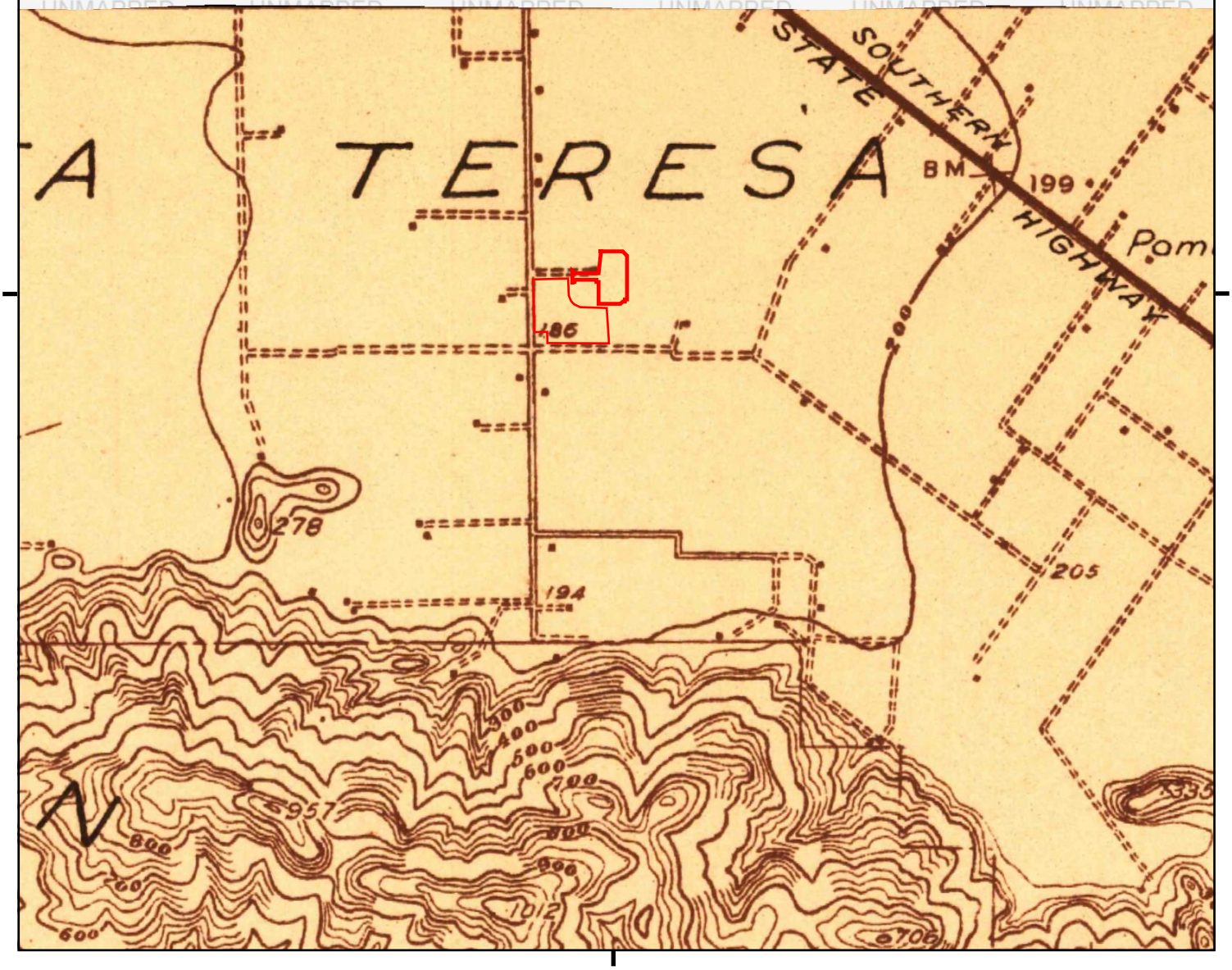

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, New Almaden, 1916, 15-minute

SITE NAME: San Jose Campus Master Planning
ADDRESS: 250 Hospital Parkway
San Jose, CA 95119
CLIENT: Langan

N

San Jose Campus Master Planning
250 Hospital Parkway
San Jose, CA 95119

Inquiry Number: 7533665.5
January 04, 2024

The EDR-City Directory Abstract

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR® Environmental Data Resources Inc

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	X	X	X	-
2017	Cole Information	X	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2006	Haines Company, Inc.	X	X	X	-
2005	Cole Information	X	X	X	-
2001	Haines Company, Inc.	-	-	-	-
2000	Cole Information	X	X	X	-
	Haines & Company	X	X	X	-
1996	Pacific Bell	-	X	X	-
1995	Cole Information	-	X	X	-
1992	Cole Information	X	X	X	-
1991	PACIFIC BELL WHITE PAGES	X	X	X	-
1986	Pacific Bell	X	X	X	-
1985	Pacific Bell	X	X	X	-
1982	Pacific Telephone	X	-	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1980	Pacific Telephone	X	X	X	-
1978	R. L. Polk & Co.	-	-	-	-
1975	Pacific Telephone	X	X	X	-
1974	R. L. Polk Co.	-	-	-	-
1970	R. L. Polk Co.	-	-	-	-
1968	R. L. Polk Co.	-	-	-	-
1966	R. L. POLK	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1964	R. L. Polk Co.	-	-	-	-
1963	Pacific Telephone	-	X	X	-
1962	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk Co.	-	-	-	-
1957	Pacific Telephone	-	X	X	-
	R. L. Polk Co.	-	X	X	-
1955	R.L. Polk and Co Publishers	-	-	-	-
1950	R. L. Polk Co.	-	-	-	-
1946	R. L. Polk Co.	-	-	-	-
1945	R. L. Polk Co.	-	-	-	-
1942	R.L. Polk	-	-	-	-
1940	R. L. Polk Co.	-	-	-	-
1936	R. L. Polk Co.	-	-	-	-
1935	R. L. Polk Co.	-	-	-	-
1931	R. L. Polk Co.	-	-	-	-
1930	R. L. Polk Co. of California	-	-	-	-
1926	R. L. Polk Co.	-	-	-	-
1925	R. L. Polk Co.	-	-	-	-
1922	R. L. Polk Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

250 Hospital Parkway
San Jose, CA 95119

FINDINGS DETAIL

Target Property research detail.

HOSPITAL DR

250 HOSPITAL DR

Year	*Uses*	*Source*
1982	Rush Leonard MD Lipton Andrew B MD Hake Dexter MD & Oilman Richard A MD	Pacific Telephone
1975	Sampson Wallace I MD	Pacific Telephone

HOSPITAL PARKWAY SAN JOSE

250 HOSPITAL PARKWAY SAN JOSE

Year	*Uses*	*Source*
1986	HOSPITAL DEPARTMENTS	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell

HOSPITAL PKWY

250 HOSPITAL PKWY

Year	*Uses*	*Source*
2020	ADRIANA IBANEZ	EDR Digital Archive
	AFRICA DY	EDR Digital Archive
	AGARD KALANI	EDR Digital Archive
	ALICE UYEDA	EDR Digital Archive
	ALINA WRIGHT	EDR Digital Archive
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	ANDRE MORRIS	EDR Digital Archive
	ANDREA BARON	EDR Digital Archive
	ANDREA KANG	EDR Digital Archive

FINDINGS

Year	Uses	Source
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	ANJU PUREWAL	EDR Digital Archive
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	ANN VON GEHR	EDR Digital Archive
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	ANNIE RAMOS	EDR Digital Archive
	ANTHONY JIMENEZ	EDR Digital Archive
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Year	Uses	Source
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	IVONNE HULL	EDR Digital Archive
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Year	Uses	Source
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	MARIE LO	EDR Digital Archive
	MARIELA GARCIA	EDR Digital Archive

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Year	Uses	Source
2020	MARISSA ALAVA	EDR Digital Archive
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	RAJENDRA BRAHMBHATT	EDR Digital Archive

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Year	Uses	Source
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	VICTOR GUTIERREZ-CONTR	EDR Digital Archive
	VICTORIA KAISER	EDR Digital Archive
	VINOD SAHAY	EDR Digital Archive
	VISWAS VANAMA	EDR Digital Archive
	WENDY RABINOV	EDR Digital Archive
2017	KAISER PERMANENTE	Cole Information
	KAISER PERMANENTE MEDICAL CENTERSAN	Cole Information
2014	KAISER FOUNDATION HOSPITALSAN JOSE	Cole Information
2010	BLAY TERRY MD	Cole Information
	CHANG T MD	Cole Information
	CHENG EUGENE Y MD	Cole Information
	CLAUSEN JOHN R MD	Cole Information
	CUNCETTO JEAN	Cole Information
	DAO ROSE MD	Cole Information
	DIZON ERLINDA Q MD	Cole Information
	ENGLEMAN E PHILIP MD	Cole Information
	ERNSTING KEVIN S MD	Cole Information
	FARAHABADI ELLIE MD	Cole Information
	GRIFFITH CORINNE L	Cole Information
	GUZMAN HECTOR MD	Cole Information
	IZQUIERDO LINDA L MD	Cole Information
	JIN JUNG YUN	Cole Information
	JUE RENATA M MD	Cole Information
	KAISER PERMANENTE	Cole Information
	KAISER PERMANENTE HOSPITAL	Cole Information
	KAISER PERMENTE	Cole Information
	KAKAR MAHMOOD	Cole Information

FINDINGS

Year	Uses	Source
2010	KIM JONATHAN H DO	Cole Information
	KOJOURI KOUROSH MD	Cole Information
	KUMAR RUMA MD	Cole Information
	KWAN ANNIE	Cole Information
	KWAN WALTER P MD	Cole Information
	LAM CHRIS V	Cole Information
	LIE AN KOK MD	Cole Information
	LOH ANGELA C MD	Cole Information
	MONTUFAR MONICA	Cole Information
	NGUYEN HIEN THAI MD	Cole Information
	ORQUE ROLAND MD	Cole Information
	PHAM Y LONG MD	Cole Information
	RAGHAVAN BINA P	Cole Information
	ROMPF JONATHAN R MD	Cole Information
	ROMUALDO GLENN R MD	Cole Information
	SANTA TERESA COMMUNITY HOSP	Cole Information
	SHIRAZ PARVEEN MD	Cole Information
	SIDHU SEEMA MD	Cole Information
	STROCK PATRICIA P	Cole Information
	SUDHALKAR HEMALI A MD	Cole Information
	VOSSOS MANDY	Cole Information
	WANG MICHELLE J DO	Cole Information
	WILSON ELIZABETH	Cole Information
	YAMAGUCHI LORNA Y MD	Cole Information
2005	HYEWAS CAFE	Cole Information
	KAISER PERMANENTE	Cole Information
	KAISER PERMANENTE INPAT PHARMACY	Cole Information
	KAISER PERMANENTE SANTA THERESA	Cole Information
	KAISER PERMENTE MEDICAL GROUP	Cole Information
	KAISER SANTA TERESA MEDICAL CENTER	Cole Information
2000	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA SAN JOSE	Cole Information
	KAISER SANTA THERESA HOSPITAL	Cole Information

Year	Uses	Source
2000	SANTA TERESA	Cole Information
	SANTA TERESA COMMUNITY HOSP HOSP PATIENT CALLS	Cole Information
	SANTA TERESA COMMUNITY HOSPITAL AMBULANCE REQUESTS	Cole Information
	SANTA TERESA COMMUNITY HOSPITAL EMERGENCY SERVICES	Cole Information

HOSPITAL PKY

250 HOSPITAL PKY

Year	Uses	Source
2020	AHUJA SUNIL K MD	EDR Digital Archive
	ARORA KARISHMA MD	EDR Digital Archive
	ATM	EDR Digital Archive
	BLANCO MICHELLE R MD	EDR Digital Archive
	BROKATE KIMBERLY R CNM	EDR Digital Archive
	BROWN JENNIFER R	EDR Digital Archive
	CASTANEDA LEON C MD	EDR Digital Archive
	CHEN TONY T MD	EDR Digital Archive
	CHENG EUGENE Y MD	EDR Digital Archive
	CHO EDWARD S DO	EDR Digital Archive
	DHALIWAL JASMINE K MD	EDR Digital Archive
	DO XUAN	EDR Digital Archive
	ELECTRIC CHARGING STATION	EDR Digital Archive
	EMERGENCY DEPT KAISER	EDR Digital Archive
	ESWARAPPA CHETHANA MD	EDR Digital Archive
	FOMENKO VIRA MD	EDR Digital Archive
	GHILARDUCCI DAVID P MD	EDR Digital Archive
	GRIFFITH CORINNE L NP	EDR Digital Archive
	GUZMAN HECTOR MD	EDR Digital Archive
	HERRERA EDWARD S	EDR Digital Archive
	HO TZE CHUN MD	EDR Digital Archive
	HOURMOZDI JUSTIN J MD	EDR Digital Archive
	JALALI SARA MD	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	JIANG FANG	EDR Digital Archive
	KAISER PERMANENTE	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	KAISER PERMANENTE SN JOSE MED	EDR Digital Archive
	KANDULA VITTAL K MD	EDR Digital Archive
	KHOSHABA NHARIN G MD	EDR Digital Archive
	KIM MICHAEL M MD	EDR Digital Archive
	KUHL JILL	EDR Digital Archive
	LEE PETER DO	EDR Digital Archive
	LEWIN BENJAMIN L MD	EDR Digital Archive
	LIEU ELIZABETH	EDR Digital Archive
	LIM ALEGRIA C DO	EDR Digital Archive
	LITTLE-RICHARD AMANDA C MD	EDR Digital Archive
	MARSHALL MELINDA L MD	EDR Digital Archive
	MARTIN HADRIANO S	EDR Digital Archive
	MCNULTY ELYSIA T PA	EDR Digital Archive
	MORENO RAFAEL C	EDR Digital Archive
	MORIDI MAHTAB	EDR Digital Archive
	MOSTAFAZADEH AFSHEEN DPT	EDR Digital Archive
	MOTOKI CHERLYNN	EDR Digital Archive
	NAGI SUKHVINDER MD	EDR Digital Archive
	NAZZISE NATHAN DO	EDR Digital Archive
	NGUYEN KIEU O	EDR Digital Archive
	ORTIZ RAMON M MD	EDR Digital Archive
	PIA JOHN M MD	EDR Digital Archive
	POVOR LUCIA MD	EDR Digital Archive
	POWELL TIASSA LENA MD	EDR Digital Archive
	RAMIREZ MARIA D MD	EDR Digital Archive
	RONQUILLO JONATHAN R MD	EDR Digital Archive
	SAN JOSE MEDICAL CTR	EDR Digital Archive
	SANTA TERESA COMMUNITY HOSP	EDR Digital Archive
	SATO MORGAN	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	SCOFIELD MARISA E MD	EDR Digital Archive
	SEAV STEPHANIE	EDR Digital Archive
	SHAH SHRISTI MD	EDR Digital Archive
	SHIN SILVIA S DO	EDR Digital Archive
	SIMPLICITY BANK	EDR Digital Archive
	STEFANOPOULOS STACY M NP	EDR Digital Archive
	SU BEIHAN	EDR Digital Archive
	TA DANH P DO	EDR Digital Archive
	TAHMASSEBI VICTORIA S	EDR Digital Archive
	TAM TERRENCE W MD	EDR Digital Archive
	TANK NEEL D DO	EDR Digital Archive
	TAYLOR LARISA MD	EDR Digital Archive
	TEKLU AMANUEL Y MD	EDR Digital Archive
	TELEFUS PHILLIP MD	EDR Digital Archive
	TERAN SILVIA MD	EDR Digital Archive
	THUKRAL MAMTA MD	EDR Digital Archive
	TRINH STEVEN	EDR Digital Archive
	TSANG BOBBY L MD	EDR Digital Archive
	TSENG JAMES W MD	EDR Digital Archive
	VALESANO ADRIENNE M MD	EDR Digital Archive
	VOSSOS MANDY CNM	EDR Digital Archive
	WILLIAMS MARK EDWARD MD	EDR Digital Archive
	WILSON ELIZABETH NP	EDR Digital Archive
	YADAV NAVEEN MD	EDR Digital Archive
	YANG LISA W MD	EDR Digital Archive
	ZHANG JINGYING	EDR Digital Archive
	ZUKUNFT MARK D MD	EDR Digital Archive
2006	DPT HLTH INF	Haines Company, Inc.
	DPT LAB PATHLGY	Haines Company, Inc.
	DPT NUCLEAR MED	Haines Company, Inc.
	DPT VOL GIFT SH	Haines Company, Inc.
	HSP AMBULANCE	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	HSP EMER SERV	Haines Company, Inc.
	HSPGENLINFO	Haines Company, Inc.
	INPATIENT	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	KAISER PERMANENTE	Haines Company, Inc.
	KAISERMED HSP	Haines Company, Inc.
	KAISERMED INPTNT	Haines Company, Inc.
	KAISERMEDH SP	Haines Company, Inc.
	KAISERMEDPHAR	Haines Company, Inc.
	PHYSTHERAPY	Haines Company, Inc.
	PURCHSNG	Haines Company, Inc.
	SANTATRSA CMTY	Haines Company, Inc.
	SANTATRSACMTY	Haines Company, Inc.
2000	KAISER MED GIFT SHOP	Haines & Company
	KAISER MED HSP DPT AFFAIRS	Haines & Company
	KAISER MED HSP DPT HLTH INF	Haines & Company
	KAISER MED HSP DPT LABPATHLGY	Haines & Company
	KAISER MED INPTNT PHYS THERAPY	Haines & Company
	KAISER MED NRSE ADM	Haines & Company
	KAISER MED NUCLEAR	Haines & Company
	KAISER MED PHAR INPATIENT	Haines & Company
	KAISER MED PURCHSNG	Haines & Company
	KAISER MED RDLGY	Haines & Company
	KAISER MED RESPRTRY	Haines & Company
	KAISER MED SOCL SRV	Haines & Company
	KAISER PERMANENTE	Haines & Company
	SANTATRSA HOSP AMBL	Haines & Company
	SANTATRSA HOSP EMER	Haines & Company
	SANTATRSA HOSP INFO	Haines & Company
1992	KAISER MED BSNS OFC	Cole Information
	SANTATRSA HOSP AMBL	Cole Information
1991	HOSPITAL	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	KAIS E R PE RMAN E N TE ME DICAL CE N TE R-S AN TA TE RE S A-S AN J 0 S E (	PACIFIC BELL WHITE PAGES
	S AN TA TE RE S A	PACIFIC BELL WHITE PAGES
	SANTA TERESA	PACIFIC BELL WHITE PAGES
1986	HOSPITAL	Pacific Bell
	SANTA TERESA	Pacific Bell
1985	SANTA TERESA COMMUNITY HOSPITAL	Pacific Bell
1980	KAISER PERMANENTE MEDICAL CENTERSANTA CLARA Contd Cli NICS Contd PHYSICIANS & STAFF Cortd	Pacific Telephone
	Santa Teresa Coininunity Hospital	Pacific Telephone
1975	SANTA TERESA COMMUNITY HOSPITAL	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CAMINO VERDE DR

8 CAMINO VERDE DR

Year	Uses	Source
1975	Datillo Charles	Pacific Telephone

9 CAMINO VERDE DR

Year	Uses	Source
1975	Shirlcy Gco M	Pacific Telephone

10 CAMINO VERDE DR

Year	Uses	Source
1975	Kushman Steve	Pacific Telephone

11 CAMINO VERDE DR

Year	Uses	Source
1975	Asmas I Helmut	Pacific Telephone

12 CAMINO VERDE DR

Year	Uses	Source
1975	John Btone Clark	Pacific Telephone

13 CAMINO VERDE DR

Year	Uses	Source
1996	WHOLE NEW YOU	Pacific Bell
	13 SANTA TERESA CHIROPRACTIC CENTER	Pacific Bell
	15 HANGER JE	Pacific Bell
	16 JALB TRAVEL	Pacific Bell
	16 SPECIALIZED AUTO BROKERS	Pacific Bell

6101 CAMINO VERDE DR

Year	Uses	Source
2000	NO CURRENT LISTING	Haines & Company
1980	Shah A K	Pacific Telephone

FINDINGS

6104 CAMINO VERDE DR

Year	*Uses*	*Source*
2006	BIGGS BOB	Haines Company, Inc.
	BIGGS BOB RLST	Haines Company, Inc.
	SCLARCOPK	Haines Company, Inc.
	RANGERS ASCTN	Haines Company, Inc.
2000	BIGGS BOB & ASSOC	Haines & Company
	L H C S DATA ANALYSIS	Haines & Company
	MORTENSEN BRAD REAL ESTATE	Haines & Company
	REMAX SAN JOSE	Haines & Company
1996	BIGGS BOB & ASSOC RLST	Pacific Bell
1991	BIGGS BOB RI ESTBRKR	PACIFIC BELL WHITE PAGES
	PROPE RTIE S	PACIFIC BELL WHITE PAGES
	RED CARPET BLOSSOM VALLEY ASSOCIATES SEE PRUDENTIAL NETWORK PROPERTIES	PACIFIC BELL WHITE PAGES
	SCHEERGER R R BOB INSURANCE	PACIFIC BELL WHITE PAGES
	STATE FARM INSURANCE COS (CONTD) AGENT OFFICES (CONTD)	PACIFIC BELL WHITE PAGES
	WISE BILL RLTR	PACIFIC BELL WHITE PAGES
	Biggs Bob ri estbrkr	PACIFIC BELL WHITE PAGES
	PROPERTIES	PACIFIC BELL WHITE PAGES
	Red Carpet Blossom Valley Associates See Prudential Netw ork Properties	PACIFIC BELL WHITE PAGES
	Scheerger R R Bob Insurance	PACIFIC BELL WHITE PAGES
	State Farm Insurance Cos Contd Agent Offices Contd San Jose Contd	PACIFIC BELL WHITE PAGES
	Wise Bill rltr	PACIFIC BELL WHITE PAGES
1986	Blum & Associates	Pacific Bell
	Mason LE	Pacific Bell
	OConnor Home Health Services	Pacific Bell
	Red Carpet Wilkin Enterprises Inc	Pacific Bell
	Blossom Valley Associates	Pacific Bell
	Red Carpet Steve Hanleigh ri est	Pacific Bell
	Scheerger R R Bob Insurance	Pacific Bell

FINDINGS

Year	Uses	Source
1986	State Farm Insurance Cos	Pacific Bell
1985	BLUM &ASSOCIATES	Pacific Bell
	CONNOR HOSP HOME CARE AGENCY SANTA TERESA BRANCH	Pacific Bell
	RED CARPET SALES OFFICES	Pacific Bell
	RED CARPET STEVE HANIQIGH RL EIT	Pacific Bell
	SCHEERGER R ROB INSURANCE	Pacific Bell
	STATE FARNT LNSTIRANCN COS	Pacific Bell
1980	Scheerger R R Bob Ins	Pacific Telephone
	Soutas Darw y	Pacific Telephone
	Sales Offices San Jose	Pacific Telephone
	Soutas Darw yn in agst	Pacific Telephone
	State Farm Insurance Cos Con Vd Agent Offices Contd San Jose	Pacific Telephone
	State Farm Insurance Cos Con Vd Agent Offices Contd San Jose	Pacific Telephone
1975	ADMINISTRATIONS OFFICE	Pacific Telephone
	CAL-WEST INVESTMENTS	Pacific Telephone
	FARMERS HOME MUTUAL CLAIMS OFFICE	Pacific Telephone
	SANTA TERESA ASSOCIATES	Pacific Telephone
	SCHEERGER RR BOB INS AGT	Pacific Telephone
	SALES OFFICES	Pacific Telephone
	SOUTAS DARWYN INSAGT	Pacific Telephone
	STATE FARM INSURANCE COS	Pacific Telephone
	WILLIS REALTY	Pacific Telephone
	Building	Pacific Telephone
	American Realty	Pacific Telephone
	State Farm Insurance agcy i	Pacific Telephone
	American Realty Annex	Pacific Telephone
	a Farmers Home Mutual Ins Co	Pacific Telephone
	Claim Dept	Pacific Telephone
	STREET CONTINUED	Pacific Telephone

FINDINGS

6105 CAMINO VERDE DR

Year	Uses	Source
1980	Kieffer Edw W	Pacific Telephone

6110 CAMINO VERDE DR

Year	Uses	Source
2006	ALLSTATE INS CO	Haines Company, Inc.
	DEMPSTER DENTAL	Haines Company, Inc.
	JALB TRAVEL	Haines Company, Inc.
	MARKESSANDRA	Haines Company, Inc.
	SKINCARE	Haines Company, Inc.
	TOFIG MAURICE	Haines Company, Inc.
	UNILAB QUEST	Haines Company, Inc.
	DIAGNOSTICS INC	Haines Company, Inc.
2000	ALLSTATE INS SALES	Haines & Company
	ALLSTATE INS SALES OFFICE	Haines & Company
	COSSEY STAN	Haines & Company
	HAIR CARE BY JUDY	Haines & Company
	STARSTRUCK BEAUTY SALON	Haines & Company
	TOFIG MAURICE	Haines & Company
	UNILAB PATIENT SRV CTRS	Haines & Company
1996	ALLSTATE INSURANCE COMPANIES	Pacific Bell
	ALLSTATE INSURANCE COMPANIES	Pacific Bell
	6 STAR OF SIAM	Pacific Bell
	7 INDO SILICON SYSTEMS INC	Pacific Bell
	8 PATHLAB UIL	Pacific Bell
1991	ALLSTATE INSURANCE COMPANIES SALES OFICES	PACIFIC BELL WHITE PAGES
	ALLSTATE INSURANCE COMPANIES (COND) SALES OFFICES (CONTD)	PACIFIC BELL WHITE PAGES
	PADDOCK S BOOKKEEPING & TAX SERVICE	PACIFIC BELL WHITE PAGES
	S TAR OF S IAM BE AUTY S ALON	PACIFIC BELL WHITE PAGES
	Allstate Insurance Companies Sales Offices Los Gates	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Allstate Insurance Companies Sales Offices Los Gates	PACIFIC BELL WHITE PAGES
	Allstate Insurance Companies Sales Ofices San Jose	PACIFIC BELL WHITE PAGES
	Allstate Insurance Companies Cond Sales Offices Contd San Jose Contd	PACIFIC BELL WHITE PAGES
	Paddocks Bookkeeping & Tax Service	PACIFIC BELL WHITE PAGES
	STAR OF SIAM BEAUTY SALON	PACIFIC BELL WHITE PAGES
1986	All Other	Pacific Bell
	San Jose	Pacific Bell
	ENOCHS RAY C ins	Pacific Bell
	Enochs Ray C ins	Pacific Bell
	Enochs Ray C ins	Pacific Bell
	HAAS BERNIE ins	Pacific Bell
	STAR OF SIAM BEAUTY SALON	Pacific Bell
1985	ALLSTATE INSURANCE COMPANIES Sales Offices San Jose	Pacific Bell
	ALLSTATE INSURANCE COMPANIES SALES OFFICES	Pacific Bell
	ENOCHS RAY C INS	Pacific Bell
	ENOCHS RAY C INS	Pacific Bell
	HAAS BERNIE INS	Pacific Bell
	STAR OF SIAM BEAUTY SALON	Pacific Bell
1980	Century	Pacific Telephone
	Recruiting Stn	Pacific Telephone
	UNITED MAINTENANCE	Pacific Telephone
1975	CENTURY	Pacific Telephone
	CENTURY	Pacific Telephone
	CENTURY	Pacific Telephone
	STAR OF SLAM	Pacific Telephone
	Building	Pacific Telephone
	Venture Properties real est	Pacific Telephone
	Star Of Siam Beauty Salon	Pacific Telephone
	Venture Properties Annex	Pacific Telephone
	Dental Ceramics	Pacific Telephone

Year	Uses	Source
1975	STREET CONTINUED	Pacific Telephone

COTTLE AVE

291 COTTLE AVE

Year	Uses	Source
1991	Cayton Tom	PACIFIC BELL WHITE PAGES
	CAYTON TOM	PACIFIC BELL WHITE PAGES

355 COTTLE AVE

Year	Uses	Source
1957	Paride R	R. L. Polk Co.

COTTLE RD

272 COTTLE RD

Year	Uses	Source
1957	Benzo B r	R. L. Polk Co.
	BENZO B R	Pacific Telephone

275 COTTLE RD

Year	Uses	Source
1963	Martinez Lucas	Pacific Telephone

293 COTTLE RD

Year	Uses	Source
1975	BAUM J MARTIN B	Pacific Telephone

301 COTTLE RD

Year	Uses	Source
2006	FAMILIAR	Haines Company, Inc.
	FOOTSTEPS	Haines Company, Inc.
2005	FAMILIAR FOOTSTEPS	Cole Information
2000	FAMILIAR FOOTSTEPS	Haines & Company
	FAMILIAR FOOTSTEPS	Cole Information
1996	FAMILIAR f OOTSTEPS	Pacific Bell
1995	FAMILIAR FOOTSTEPS	Cole Information

FINDINGS

Year	Uses	Source
1992	FAMILIAR FOOTSTEPS	Cole Information
1991	FAMILIAR FOOTSTEPS	PACIFIC BELL WHITE PAGES
	Familiar Footsteps	PACIFIC BELL WHITE PAGES
1986	Familiar Footsteps	Pacific Bell
1985	FAMILIAR FOOTSTEPS	Pacific Bell

305 COTTLE RD

Year	Uses	Source
2000	NO CURRENT LISTING	Haines & Company
1980	SHEA HOMES	Pacific Telephone
1975	CENTURY COMMUNITY DEVELOPERS	Pacific Telephone
1963	Jones Marie	Pacific Telephone
	Jones Tommy	Pacific Telephone

350 COTTLE RD

Year	Uses	Source
1963	Mariner Chas W	Pacific Telephone

352 COTTLE RD

Year	Uses	Source
1963	Johnson Charlie	Pacific Telephone

355 COTTLE RD

Year	Uses	Source
1963	Taylor Walter	Pacific Telephone

365 COTTLE RD

Year	Uses	Source
1963	Bettencourt Andre	Pacific Telephone

385 COTTLE RD

Year	Uses	Source
2000	NO CURRENT LISTING	Haines & Company

390 COTTLE RD

Year	Uses	Source
1963	Palomino Gertrude	Pacific Telephone

Year	Uses	Source
1963	Palomino Luis	Pacific Telephone

400 COTTLE RD

Year	Uses	Source
1963	Bow den Ellis	Pacific Telephone

HOSPITAL DR

251 HOSPITAL DR

Year	Uses	Source
1986	MORF OR IZATON THE	Pacific Bell
	Morf Dr izaton The	Pacific Bell

HOSPITAL L PKY

275 HOSPITAL L PKY

Year	Uses	Source
1991	Santa Teresa Medical Office Building Snit Teea Mb	PACIFIC BELL WHITE PAGES

HOSPITAL PARK WAY

280 HOSPITAL PARK WAY

Year	Uses	Source
2010	BAGHBANNAZARY MARYAM MD	Cole Information
	BAHUGUNA CHARU	Cole Information

HOSPITAL PARKWAY BUILDING D

280 HOSPITAL PARKWAY BUILDING D

Year	Uses	Source
1986	Mon Fri	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell

FINDINGS

HOSPITAL PARKWAY SAN JOSE

260 HOSPITAL PARKWAY SAN JOSE

Year	*Uses*	*Source*
1986	Hospital Business Office	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell

HOSPITAL PKWY

275 HOSPITAL PKWY

Year	*Uses*	*Source*
2017	SANTA TERESA MEDICAL OFFICE BUILDING	Cole Information
	KAISER PERMANENTE	Cole Information
2014	KAISER PERMANENTE MEDICAL CENTERSAN	Cole Information
	SANTA TERESA MEDICAL OFFICE BUILDING	Cole Information
2010	MILLER ROBERT M	Cole Information
	NIJMEH JESSICA R MD	Cole Information
	KAISER PERM DEPT CONTINUING CR	Cole Information
	KAISER PERMANENTE	Cole Information
	KAISER PERMANENTE MEDICAL CTR	Cole Information
	KAISER PERMANENTE HEALTH PLAN	Cole Information
2005	KEIZER HOSPITAL	Cole Information
	KAISER PERMANENTE PHARMACY	Cole Information
	KAISER PERMANENTE	Cole Information
	LOWRIDING IN AZTLAN	Cole Information
	LOUISE STIRPE GILL PHD	Cole Information
	KAISER HOME HEALTH & HOSPICE	Cole Information
	JEAN JENNETT	Cole Information
2000	NCHEKWUBE EMEKA MD NEUROSURGERY	Cole Information
	SANTA TERESA MEDICAL OFFICE BUILDING	Cole Information
	KAISER FOUNDATION HEALTH PLAN INCORPORATED	Cole Information
	SAMARITAN EYE CLINIC	Cole Information

FINDINGS

276 HOSPITAL PKWY

Year	*Uses*	*Source*
2020	VIRAT SAMPANVEJSOPA	EDR Digital Archive
	AKILA ANNAMALAI	EDR Digital Archive
	KELVIN SUN LEE	EDR Digital Archive
	JOHN CLAUSEN	EDR Digital Archive
	TAM THAI	EDR Digital Archive
	SUCHADA NOPACHAI	EDR Digital Archive
	EVELYN NUNEZ	EDR Digital Archive
	RANDY HSIN PI	EDR Digital Archive
	NORMAN SOGIOKA	EDR Digital Archive
	ANNETTE JONES	EDR Digital Archive
	CRAIG STEVENSON	EDR Digital Archive
	JAMES SODERBERG	EDR Digital Archive
	MIBHALI MAHETA	EDR Digital Archive
	ELAINE CHIEN	EDR Digital Archive
	JERRI MOLTENI	EDR Digital Archive
	PADMAJA PADALKAR	EDR Digital Archive
	VENNY LEE	EDR Digital Archive
2017	KAISER PERMANENTE	Cole Information
2014	KAISER PERMANENTE MEDICAL CENTERSAN	Cole Information
2010	RUDOMINER ANDREA M MD	Cole Information
	KAISER PERMANENTE PHARMACIES	Cole Information
	PADALKAR PADMAJA MD	Cole Information
	MISRA PRATIMA MD	Cole Information
	NUNEZ EVELYN R MD	Cole Information
	OLANDER HEIDI P MD	Cole Information
	YZNAGA ELIZABETH A	Cole Information
	SCRAFFORD DELENE	Cole Information
	WEINER JONATHAN MD	Cole Information
	WON DANA MD	Cole Information
	ELEMIEN BEVERLY J	Cole Information
	CHIEN ELAINE YUE MD	Cole Information

FINDINGS

Year	Uses	Source
2010	SCHAAF MARY E MD	Cole Information
	YING CINDY SF MD	Cole Information
	WERNER JANE C	Cole Information
	MYERS ROSANNA F	Cole Information
	NOPACHAI SUCHADA M MD	Cole Information
	HO DIANA Q MD	Cole Information
	HO PATRICIA MD	Cole Information
	HUYNH TUAN VAN MD	Cole Information
	WINN KHIN MYITZU MD	Cole Information
	VAN GELDER LEILA	Cole Information
	SWENGEL STEVEN MD	Cole Information
	WANG ZENJAN	Cole Information
	MERCADO CELIA MD	Cole Information
	MOONEY KATHRYNE M MD	Cole Information
	KAISER PERMANENTE MEDICAL GRP	Cole Information
	FORY LINDA W MD	Cole Information
	LEONG WESLEY MD	Cole Information
	KAISER PERMANENTE	Cole Information
	MIRALY HAFIZ M MD	Cole Information
	LIU CYNTHIA A	Cole Information
	RECORDCONTINI MICHELLE R MD	Cole Information
	LAU LANI	Cole Information
	LEMKE PAMELA	Cole Information
	LUM MICHAEL H MD	Cole Information
	KHANEJA NEERJA DO	Cole Information
	LIN THOMAS T MD	Cole Information
	GELBER ALEXANDER J MD	Cole Information
	MOROZUMI PIUS A MD	Cole Information
	DHILLON INDER P MD	Cole Information
	HOU DENNIS MD	Cole Information
	ANDERSON CAROL A	Cole Information
	SULLIVAN MARGARET MD	Cole Information

Year	Uses	Source
2010	MEDLICOTT MARTHA M	Cole Information
	LIU SUSAN H MD	Cole Information
	SYA AMY MD	Cole Information
	NEHEMIAH JEROME MD	Cole Information
	GARCIA KAREN B MD	Cole Information
	BOLDEN BILLIE R	Cole Information
	OWEN PAMELA E	Cole Information
	KAISER PERMANENTE MEDICAL CTR	Cole Information

280 HOSPITAL PKWY

Year	Uses	Source
2020	STEPHEN KALSMAN	EDR Digital Archive
	ANNA RADCLIFFE	EDR Digital Archive
	LINDA WOLF	EDR Digital Archive
	NIRAJ SINGH	EDR Digital Archive
	TIMOTHY MCBRIDE	EDR Digital Archive
	MINDY BOCCIO	EDR Digital Archive
	DIANE NELSON	EDR Digital Archive
	RAJ BHANDARI	EDR Digital Archive
	TOM TRITCH	EDR Digital Archive
	IRENE CHAVEZ	EDR Digital Archive
	ROBERT GONZALES	EDR Digital Archive
	CLIFF HARRIS	EDR Digital Archive
	GREG TUCK	EDR Digital Archive
	KAREN KHIOU-YANG	EDR Digital Archive
	FARYNIARZ DEBORAH	EDR Digital Archive
	HARRY SAKALAY	EDR Digital Archive
2017	KAISER PERMANENTE	Cole Information
2010	KAISER PERMANENTE MEDICAL CTR	Cole Information
	CHATLERJEE SHEKHAR MD	Cole Information
	KAISER PERMANENTE HOSPITAL	Cole Information
	JOSHI SANGEETA T MD	Cole Information
	HANSON PATTI MD	Cole Information

FINDINGS

Year	Uses	Source
2010	PERMANENTE MEDICAL GROUP	Cole Information
	LEE ESTHER E MD	Cole Information
	KUTNER SUSAN E MD	Cole Information
	DENARI GREGORY MD	Cole Information
	STRAMDOLL INGRID	Cole Information
	CESANA CORINE F MD	Cole Information
	PERMANANTE MEDICAL GROUP INC	Cole Information
	KAISER SANTA TERESA	Cole Information
	KAISER PERMANENTE MED GROUP	Cole Information
	ADRIANCE MARY K	Cole Information
	CHAN TERESA JOYC MD	Cole Information
2005	KAISER PERMANENTE / HEAD & NECK	Cole Information
	KAISER PERMANENTE PHARMACY	Cole Information
	KAISER PERMANENTE MEDICAL GROUP	Cole Information
2000	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA SAN JOSE	Cole Information

HOSPITAL PKY

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Year	Uses	Source
2000	KAISER MED AMBULANCE BILLING	Haines & Company

260 HOSPITAL PKY

Year	Uses	Source
2006	BUILDING	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	ALCOHOL	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	ALLERGY	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	ALLERGY	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	AMBULANCE	Haines Company, Inc.
	REQUESTS	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	KAISER MED	Haines Company, Inc.
	BEHAVIORAL	Haines Company, Inc.
	MEDICINE	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	DERMATOLOGY	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	ELECTROPHYSIOLO	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	EMERGENCIES	Haines Company, Inc.
	KAISER MED GEN	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	GENETICS	Haines Company, Inc.
	KAISER MED HEAD&	Haines Company, Inc.
	NECK ADVICE	Haines Company, Inc.
	KAISER MED HEAD&	Haines Company, Inc.
	NECKSURGERY	Haines Company, Inc.
	KAISER MED HLTH	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	HUMAN	Haines Company, Inc.
	Reso URCES	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	MARKETING	Haines Company, Inc.
	KAISER MED MDCNE	Haines Company, Inc.
	GEN APPNTMNTS	Haines Company, Inc.
	KAISER MED MDCNE	Haines Company, Inc.
	GEN CANCLLTNS	Haines Company, Inc.
	KAISER MED MDCNE	Haines Company, Inc.
	GEN HOME HLTH	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	NEUROLOGY	Haines Company, Inc.
	ADVICE	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	OPHTHALMOLGY	Haines Company, Inc.
	ADVICE	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	OPTICAL	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	ORTHOPEDICS	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	ORTHOPEDICS	Haines Company, Inc.
	NURSE	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	PATIENT	Haines Company, Inc.
	RELATIONS	Haines Company, Inc.
	KAISER MED PHAR	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	PODIATRY ADVCE	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	PSYCHIATRYADULT	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	PSYCHIATRY CHILD	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	RADIOLOGY	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	RSPIRATORY	Haines Company, Inc.
	THERAPY	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	SECRETARIES	Haines Company, Inc.
	OUTPTNT	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	SOCIAL SERVICES	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.
	UROLOGY ADVICE	Haines Company, Inc.
	KAISERMED	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	VOLUNTEER	Haines Company, Inc.
	SERVICES	Haines Company, Inc.
2000	BUILDING	Haines & Company
	KAISER MED ALCOHOL	Haines & Company
	KAISER MED ALLERGY	Haines & Company
	KAISER MED ALLERGY	Haines & Company
	KAISER MED AMBULANCE REQUESTS	Haines & Company
	KAISER MED BEHAVIORAL MEDICINE	Haines & Company
	KAISER MED DERMATOLGY APPNTMNT	Haines & Company
	KAISER MED ELECTROPHYSIOLOGY	Haines & Company
	KAISER MED EMERGENCIES	Haines & Company
	KAISER MED GEN INFO	Haines & Company
	KAISER MED GEN & INTRNL HME HLTH	Haines & Company
	KAISER MED GEN & INTRNL HSE CLLS	Haines & Company
	KAISER MED GENETICS	Haines & Company
	KAISER MED HEAD & NECK ADVICE	Haines & Company
	KAISER MED HEAD & NECK SURGERY	Haines & Company
	KAISER MED HLTH EDUC	Haines & Company
	KAISER MED HUMAN RESOURCES	Haines & Company
	KAISER MED MARKETING	Haines & Company
	KAISER MED NEUROLOGY ADVICE	Haines & Company
	KAISER MED OPHTHALMOLGY ADVICE	Haines & Company
	KAISER MED OPTICAL	Haines & Company
	KAISER MED OPTOMETRY MSSGE CTR	Haines & Company
	KAISER MED ORTHOPDCS APPNTMNTS	Haines & Company
	KAISER MED ORTHOPEDICS NURSE	Haines & Company
	KAISER MED PATIENT ACCOUNTING	Haines & Company
	KAISER MED PATIENT RELATIONS	Haines & Company
	KAISER MED PHAR	Haines & Company
	KAISER MED PHYS THRPY APPNTMNT	Haines & Company
	KAISER MED PHYS THRPY OUTPTNT	Haines & Company
	KAISER MED PHYSCN & STAFF EMP	Haines & Company

FINDINGS

Year	Uses	Source
2000	KAISER MED PHYSCN & STAFF NUCLR	Haines & Company
	KAISER MED PHYSCN & STAFF PDTRCS	Haines & Company
	KAISER MED PHYSCN & STAFF PODTRY	Haines & Company
	KAISER MED PHYSCN & STAFF PSYCH	Haines & Company
	KAISER MED PHYSCN & STAFF PSYCH	Haines & Company
	KAISER MED PHYSCN & STAFF PTHLGY	Haines & Company
	KAISER MED PHYSCN & STAFF RADLGY	Haines & Company
	KAISER MED PHYSCN & STAFF SURGRY	Haines & Company
	KAISER MED PHYSCN & STAFF SURGRY	Haines & Company
	KAISER MED PHYSCN & STAFF SURGRY	Haines & Company
	KAISER MED PHYSCN & STFF OCCPTNL	Haines & Company
	KAISER MED PHYSCN & STFF ORTHPDC	Haines & Company
	KAISER MED PHYSICIANS & STAFF	Haines & Company
	KAISER MED PHYSICIANS & STAFF	Haines & Company
	KAISER MED PHYSICIANS & STAFF	Haines & Company
	KAISER MED PHYSICIANS & STAFF	Haines & Company
	KAISER MED PHYSICIANS & STAFF	Haines & Company
	KAISER MED PHYSICIANS & STAFF	Haines & Company
	KAISER MED PTNT DISABILTY CLMS	Haines & Company
	KAISER MED PTNT INDUSTRIAL CLM	Haines & Company
	KAISER MED PTNT INS BILLING	Haines & Company
	KAISER MED PTNT LEGAL	Haines & Company
	KAISER MED PTNT MEDICAL BLLNG	Haines & Company
	KAISER MED PTNT MEDICARE BLLNG	Haines & Company
	KAISER MED PTNT THIRD PARTY	Haines & Company
	KAISER MED SECRETARIES OUTPT NT	Haines & Company
	KAISER MED SURGERY	Haines & Company
	KAISER MED VOLUNTEER SERVICES	Haines & Company
1992	KAISER MED ALCOHOL	Cole Information

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Year	Uses	Source
2020	GULLETT II JOHN H MD	EDR Digital Archive

FINDINGS

Year	Uses	Source
2006	KAISER MED	Haines Company, Inc.
	PATIENT	Haines Company, Inc.
	RELATIONS	Haines Company, Inc.
	KAISER MED	Haines Company, Inc.
	PHYSICAL THERAPY	Haines Company, Inc.

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Year	Uses	Source
2020	KAILAR LAVANYA MD	EDR Digital Archive
	GARDES JONATHAN H MD	EDR Digital Archive
	DARLING MARISSA L MD	EDR Digital Archive
	NG CORY	EDR Digital Archive
	SCHEFFELIN TIMOTHY MD	EDR Digital Archive
	COHEN JENNIFER B MD	EDR Digital Archive
	WOLDU HENOCK	EDR Digital Archive
	HOH RYAN M	EDR Digital Archive
	YEUNG GODWIN K	EDR Digital Archive
	NGUYEN MINA TRAN	EDR Digital Archive
	MOWLA ASHKAN MD	EDR Digital Archive
	BASIT FAUZIA R MD	EDR Digital Archive
	PHAM YVONNE HA	EDR Digital Archive
	MA GENE K MD	EDR Digital Archive
	LOUIE SIRENA O	EDR Digital Archive
	LE VY	EDR Digital Archive
	CHENG YU-CHIEN MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	SANGRAT BELINDA PHD	EDR Digital Archive
	OGBONNA CHINYERE I MD	EDR Digital Archive
	KAISER SAN JOSE HOSPITAL	EDR Digital Archive
	KAISER FOUNDATION HOSPITALS	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	SAN JOSE MEDICAL CTR NEUROLOGY	EDR Digital Archive
	HOUDE MARCELLINE PAC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	CHANDRA PIYANKA E MD	EDR Digital Archive
	RAYUDU RANGA N MD	EDR Digital Archive
	YOSHIOKA ISAMU E MD	EDR Digital Archive
	LIEBERMAN AMARA A MD	EDR Digital Archive
	DALY EMILY M MD	EDR Digital Archive
	MORAN MARIBETH T	EDR Digital Archive
	KIM AILIN J	EDR Digital Archive
	TAN DENISE	EDR Digital Archive
	ARNBRECHT LEAH M	EDR Digital Archive
	NG SHIRLEY	EDR Digital Archive
	WU NAOMI	EDR Digital Archive
	MARQUES VICTORIA	EDR Digital Archive
	HOU KAROLYN S	EDR Digital Archive
	WAN CHEW K	EDR Digital Archive
	DOLL ROBERT L MD	EDR Digital Archive
	PHAN JEANINE T DO	EDR Digital Archive
	POTTER CHARLES A MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	MEYERS SONYA L MD	EDR Digital Archive
	KATZ DAVID A MD	EDR Digital Archive
	REDDI SRIDHAR MD	EDR Digital Archive
	MADWED DAVID S MD	EDR Digital Archive
	DESAI JAY R MD	EDR Digital Archive
	RAMA ANIL N MD	EDR Digital Archive
	LUCAS PATRICE L	EDR Digital Archive
	VU MICHAEL N MD	EDR Digital Archive
	KUMAR RUMA MD	EDR Digital Archive
	KAISER PERMANENTE PHYSICAL	EDR Digital Archive
	SUEN PATRICK W MD	EDR Digital Archive
	BORDNER MICHAEL P PA	EDR Digital Archive
	ABDELWAHHAB EANAS F PA	EDR Digital Archive
	GOGIA JASPAUL S MD	EDR Digital Archive

FINDINGS

Year	Uses	Source
2006	KAISER FNDTN	Haines Company, Inc.
	HLTH PLN INC	Haines Company, Inc.
	KAISER	Haines Company, Inc.
	FOUNDATION	Haines Company, Inc.
	HEALTH PLAN	Haines Company, Inc.
	SANTATRSA MDCL	Haines Company, Inc.
	OFC BLDG	Haines Company, Inc.
2000	KAISER FOUNDATION HEALTH PLAN	Haines & Company
	NCHEKWUBE EMEKA MD	Haines & Company
	SANTATRSA MED BLDG	Haines & Company
1996	530 NCHEKWUBE EMEKA MD	Pacific Bell
1995	WILLIAM C RIKE MD	Cole Information
	ADA TAL	Cole Information
	WILLIAM S WARSHAL MD	Cole Information
	WAYNE S CHRONISTER MD	Cole Information
	TERRENCE R DWYRE MD	Cole Information
	GEORGE MUHAWI MD	Cole Information
	COMMUNITY CLINIC PHARMACY	Cole Information
	RAUL GUISADO MD	Cole Information
	DORIS A NASMEH PHD	Cole Information
	PHILIP WOLKSTEIN DDS	Cole Information
	MONTEBELLO PHYSICIANS MEDICAL	Cole Information
	PATHOLOGY LABORATORY	Cole Information
	REDMAN FAMILY COUNSELORS INC	Cole Information
	LOUISE STIRPE GILL PHD	Cole Information
	KRIKOR BARSOUMIAN MD	Cole Information
	CHARLES J BRUHN MD	Cole Information
	DAVID L PETERSON MD	Cole Information
	SANTA TERESA MEDICAL BLDG	Cole Information
	THEODORE DASHNAW PHYS THERAPY	Cole Information
	EAR NOSE THROAT HEARING CTR	Cole Information
	DORIS A SCHWARZ PHD	Cole Information

FINDINGS

Year	Uses	Source
1995	NEWMAN MEDICAL GROUP	Cole Information
	AFFILIATED FAMILY PRACTICE	Cole Information
	JOHN L HEMBREE DPM	Cole Information
	SAMARITAN FAMILY PRACTICE	Cole Information
	SANTA TERESA HOSPITAL DENTAL	Cole Information
	KENT S CARSON MD	Cole Information
	NORMAN J TONG MD	Cole Information
	ALAN M HELLER INC	Cole Information
	BLOSSOM VALLEY FOOT SPECS	Cole Information
	DARREL L KAUFFMAN MD	Cole Information
	PEDRO ARCE MD	Cole Information
	DOUGLAS B PULLEY INC	Cole Information
	JOHN B QUICK JR MD	Cole Information
	EMEKA NCHEKWUBE MD	Cole Information
	JEAN JENNETT PHD	Cole Information
	S CHAI MD	Cole Information
	DOCTORS WEIGHT LOSS CTR	Cole Information
	SANTA TERESA ORTHOPEDIC MED	Cole Information
	VALLEY RADIOLOGISTS MEDICAL	Cole Information
	KAISER FOUNDATION HEALTH PLAN	Cole Information
	SANTA TERESA COMMUNITY HOSP	Cole Information
	C DESMOND GUNATILAKA MD	Cole Information
	CHUNG H LIAO MD	Cole Information
	MAZHAR KAHN MD	Cole Information
	H P GULESSERIAN MD	Cole Information
	RICHARD S SMITH INC	Cole Information
	EMIL F COSTA INC	Cole Information
1992	LIAO CHUNG H MD	Cole Information
	DWYRE TERRENCE R MD	Cole Information
	NEWMAN MEDICAL GRP	Cole Information
	GUNATILAKA C D MD	Cole Information
	SMITH RICHARD S MD	Cole Information

FINDINGS

Year	*Uses*	*Source*
1992	HELLER ALAN M MD	Cole Information
	ARCE PEDRO MD	Cole Information
	YENIKOMSHIAN A MD	Cole Information
	CENTER NEURO STUDYS	Cole Information
	RIKE WILLIAM C MD	Cole Information
	COMNTY CLINC PHRMCY	Cole Information
	TONG NORMAN J MD	Cole Information
	PATHOLOGY LAB	Cole Information
	VALLEY RADIOLOGISTS	Cole Information
	WOLKSTEIN P DMD	Cole Information
	JONES MICHAEL B PHD	Cole Information
	SANTA TRSA HSP BLLNG	Cole Information
	PULLEY DOUGLAS B MD	Cole Information
	THEODORE DASHNAW	Cole Information
	STIRPE GILL L MA	Cole Information
	ST LOUISE PRMRY PED	Cole Information
	NCHEKWUBE EMEKA MD	Cole Information
	BAUMER ALEX J DMD	Cole Information
	YEH GEORGE K MD	Cole Information
	CHRONISTER WAYNE MD	Cole Information
	COSTA EMIL F MD	Cole Information
	GULESSERIAN H P MD	Cole Information
	TSANG VICTOR MD	Cole Information
	LINEHAN JAMES W MD	Cole Information
	SCHEININ GARY DPM	Cole Information
	BRUHN CHAS J MD	Cole Information
	JENNETT JEAN PHD	Cole Information
	GUISADO RAUL MD	Cole Information
	BARSOUMIAN K MD	Cole Information
	DEES TIYNKA L MD	Cole Information
	KAISER FNDTN NW GRP	Cole Information
	MUHAWI GEORGE MD	Cole Information

FINDINGS

Year	Uses	Source
1992	QUICK JOHN B JR MD	Cole Information
	CARSON KENT S MD	Cole Information
	MONTEBELLO MED GRP	Cole Information
	ADA TAL PSYCHOLOGST	Cole Information
	ALLERGI ASTHMA CNTR	Cole Information
	CHAI S MD	Cole Information
1991	Samaritan Eye Clinic	PACIFIC BELL WHITE PAGES
	ADA TEL PSYCHOLOGIST INC	PACIFIC BELL WHITE PAGES
	ADROUNY A RICHARD MD INC	PACIFIC BELL WHITE PAGES
	AFFILIATED FAMILY PRATICE MEDICAL GROUP	PACIFIC BELL WHITE PAGES
	ALLERGI-ASTHMA CENTER OF SAN JOSE	PACIFIC BELL WHITE PAGES
	ANDREWS JAMES L MD	PACIFIC BELL WHITE PAGES
	ARCE PEDRO MD	PACIFIC BELL WHITE PAGES
	BARS OUMIAN KRIKORMI	PACIFIC BELL WHITE PAGES
	BATES GALL CPH D	PACIFIC BELL WHITE PAGES
	BAUMER ALEX J DMD	PACIFIC BELL WHITE PAGES
	CADY PAXTON MD	PACIFIC BELL WHITE PAGES
	CARSON KENT S MD	PACIFIC BELL WHITE PAGES
	CAS E Y JOS E PH M MD	PACIFIC BELL WHITE PAGES
	CENTER FOR MEDICAL WEIGHT LOSS	PACIFIC BELL WHITE PAGES
	CENTER FOR NEURO DIAGNOSTIC STUDIES	PACIFIC BELL WHITE PAGES
	CE N TE R FOR PLAS TIC & COS ME TIC S URGE RY	PACIFIC BELL WHITE PAGES
	CHAL S MD	PACIFIC BELL WHITE PAGES
	COLLIN S FRE DE RIC J MD SANTA TERESA ORTHOPEDIC MEDICAL GROUP	PACIFIC BELL WHITE PAGES
	COMMUN ITY CLIN IC PHARMACY	PACIFIC BELL WHITE PAGES
	COSTA EMIL F MD INC	PACIFIC BELL WHITE PAGES
	DASHNAW THEODORE RPT THEODORE DASHNAW PHYSICAL THERAPY INC	PACIFIC BELL WHITE PAGES
	DEVINE DAVID APH D	PACIFIC BELL WHITE PAGES
	DWYRE TERRENCE R MD	PACIFIC BELL WHITE PAGES
	EAR NOSE THROAT HEARING AND SPEECH CENTER	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	E CHOLS MIN A A MD PEDIATRCN	PACIFIC BELL WHITE PAGES
	GUIS ADORAULMD NEUROLOGY	PACIFIC BELL WHITE PAGES
	HELLER ALAN MMD INC FOREST AVENUE MEDICAL BUILDING	PACIFIC BELL WHITE PAGES
	KAUFFMAN OLMO SANTA TERESA ORTHOPEDIC I MEDICAL GROUP	PACIFIC BELL WHITE PAGES
	LIA CHIA	PACIFIC BELL WHITE PAGES
	LINEHAN JAMES W MD INC	PACIFIC BELL WHITE PAGES
	LOVELACE GEORGE LCS W MFCC	PACIFIC BELL WHITE PAGES
	LUMICAO GENEROSA MD PEDIATRCN	PACIFIC BELL WHITE PAGES
	MICHAELS HOWARD E MD	PACIFIC BELL WHITE PAGES
	MON TE BE LLO PHYS ICIAN S ME DICAL GROUPIN C	PACIFIC BELL WHITE PAGES
	MUHAWI GEORGE MD FACS -	PACIFIC BELL WHITE PAGES
	NCHEKWUBE EMEKA MD NEUROSURGERY	PACIFIC BELL WHITE PAGES
	N E W MAN W ALTE R S JR MD	PACIFIC BELL WHITE PAGES
	OXY-MED SUPPLIER OF SAN JOSE B	PACIFIC BELL WHITE PAGES
	PATHOLOGY LABORATORY CENTRAL LABORATORY & BUSINESS OFFICE	PACIFIC BELL WHITE PAGES
	PETERSON DAVID L MD	PACIFIC BELL WHITE PAGES
	QUICK JOHN B JR MD	PACIFIC BELL WHITE PAGES
	SAMARITAN FAMILY PRACTICE	PACIFIC BELL WHITE PAGES
	SANTA TERESA FAMILY DOCTORS	PACIFIC BELL WHITE PAGES
	SANTA TERESA HOSPITAL MEDICAL BUILDING DENTAL CENTER	PACIFIC BELL WHITE PAGES
	SNIT TEEA MB	PACIFIC BELL WHITE PAGES
	SANTA TERESA MOBILE ESTATES	PACIFIC BELL WHITE PAGES
	S MITH RICHARD S MD OBSETETRCS &GYNECPL ST	PACIFIC BELL WHITE PAGES
	SOL PETER MD PEDIATRCN	PACIFIC BELL WHITE PAGES
	S TIRPE-GILL LOUIS E PHD	PACIFIC BELL WHITE PAGES
	TAL ADA PSYCHOLOGIST INC	PACIFIC BELL WHITE PAGES
	THE RAPY IN C	PACIFIC BELL WHITE PAGES
	TONG NORMAN J MD	PACIFIC BELL WHITE PAGES
	TONG NORMAN J MD	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	TONG NORMAN J MD DISORDERS OF THE SKIN	PACIFIC BELL WHITE PAGES
	TSANG VICTOR MD	PACIFIC BELL WHITE PAGES
	VALLEY RADIOLOGISTS MEDICAL GROUP INC	PACIFIC BELL WHITE PAGES
	W ARS HAL W ILLIAM S MD	PACIFIC BELL WHITE PAGES
	WATSON RONALD R MD	PACIFIC BELL WHITE PAGES
	WATSON SUTTHISRI MD	PACIFIC BELL WHITE PAGES
	YEH GEORGE K MD	PACIFIC BELL WHITE PAGES
	YENIKOMSHIAN A MD	PACIFIC BELL WHITE PAGES
	KAIS E R PE RMAN E N TE ME DICAL CE N TE R-S AN TA TE RE S A-S AN J 0 S E (	PACIFIC BELL WHITE PAGES
	CHRONISTER WAYNE S MD	PACIFIC BELL WHITE PAGES
	KAUFFMANDL MD	PACIFIC BELL WHITE PAGES
	PULLEY DOUGLAS B MD INC	PACIFIC BELL WHITE PAGES
	SANTA TERESA ORTHOPEDIC MEDICAL GROUP	PACIFIC BELL WHITE PAGES
	VALLE	PACIFIC BELL WHITE PAGES
	Head Scanning Facility	PACIFIC BELL WHITE PAGES
	Warshal William S MD	PACIFIC BELL WHITE PAGES
	Ada Tel Psychologist Inc	PACIFIC BELL WHITE PAGES
	Adrouny A Richard MD Inc	PACIFIC BELL WHITE PAGES
	AFFILIATED CHIROPRACTIC GROUP	PACIFIC BELL WHITE PAGES
	Affiliated Family Pratice Medical Group	PACIFIC BELL WHITE PAGES
	Allergi Asthma Center Of San Jose	PACIFIC BELL WHITE PAGES
	Andrew s James L MD	PACIFIC BELL WHITE PAGES
	Arce Pedro MD	PACIFIC BELL WHITE PAGES
	BARSOUMIAN KRIKOR MI	PACIFIC BELL WHITE PAGES
	Bates Gail CPh D	PACIFIC BELL WHITE PAGES
	Ofc	PACIFIC BELL WHITE PAGES
	Baumer Alex J DMD	PACIFIC BELL WHITE PAGES
	Cady Paxton MD	PACIFIC BELL WHITE PAGES
	Carson Kent S MD	PACIFIC BELL WHITE PAGES
	CASEY JOSEPH M MD	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Center For Medical Weight Loss	PACIFIC BELL WHITE PAGES
	Center For Neuro Diagnostic Studies	PACIFIC BELL WHITE PAGES
	CENTER FOR PLASTIC & COSMETIC SURGERY	PACIFIC BELL WHITE PAGES
	Chal S MD	PACIFIC BELL WHITE PAGES
	COLLINS FREDERIC J MD Santa Teresa Orthopedic Medical Group	PACIFIC BELL WHITE PAGES
	COMMUNITY CLINIC PHARMACY	PACIFIC BELL WHITE PAGES
	Costa Emil F MD Inc	PACIFIC BELL WHITE PAGES
	Dashnaw Theodore RPT Theodore Dashnaw Physical Therapy Inc	PACIFIC BELL WHITE PAGES
	Devine David APh D	PACIFIC BELL WHITE PAGES
	Dw yre Terrence R MD	PACIFIC BELL WHITE PAGES
	Ear Nose Throat Hearing And Speech Center	PACIFIC BELL WHITE PAGES
	ECHOLS MINA A MD pediatrcn	PACIFIC BELL WHITE PAGES
	GUISADORA ULMD neurology	PACIFIC BELL WHITE PAGES
	Heller Alan MMD Inc Forest Avenue Medical Building	PACIFIC BELL WHITE PAGES
	Santa Teresa Medical Building	PACIFIC BELL WHITE PAGES
	KAUFFMAN OLMO Santa Teresa Orthopedic l Medical Group	PACIFIC BELL WHITE PAGES
	Lia Chia	PACIFIC BELL WHITE PAGES
	Uao Chung H MD	PACIFIC BELL WHITE PAGES
	Linehan James WMD Inc	PACIFIC BELL WHITE PAGES
	Lovelace George LCSW MFCC	PACIFIC BELL WHITE PAGES
	Lumicao Generosa MD pediatrcn	PACIFIC BELL WHITE PAGES
	Michaels How ard E MD	PACIFIC BELL WHITE PAGES
	MONTEBELLO PHYSICIANS MEDICAL GROUPINC	PACIFIC BELL WHITE PAGES
	Hospital Parkw ay Office	PACIFIC BELL WHITE PAGES
	Muhaw i George MD FACS	PACIFIC BELL WHITE PAGES
	Nchekw ube Emeka MD neurosurgery	PACIFIC BELL WHITE PAGES
	NEWMAN WALTER S JR MD	PACIFIC BELL WHITE PAGES
	Santa Teresa Oic	PACIFIC BELL WHITE PAGES

FINDINGS

Year	*Uses*	*Source*
1991	Oxy Med Supplier Of San Jose B	PACIFIC BELL WHITE PAGES
	Pathology Laboratory Central Laboratory & Business Office	PACIFIC BELL WHITE PAGES
	Specimen Collection Centers	PACIFIC BELL WHITE PAGES
	Peterson David L MD	PACIFIC BELL WHITE PAGES
	QUICK JOHN B JR MD	PACIFIC BELL WHITE PAGES
	Samaritan Family Practice	PACIFIC BELL WHITE PAGES
	Santa Teresa Family Doctors	PACIFIC BELL WHITE PAGES
	Santa Teresa Hospital Medical Building Dental Center	PACIFIC BELL WHITE PAGES
	GROUP	PACIFIC BELL WHITE PAGES
	Santa Teresa Mobile Estates	PACIFIC BELL WHITE PAGES
	SMITH RICHARD S MD obsetetrcs &gynecpl St	PACIFIC BELL WHITE PAGES
	Sol Peter MD pediatrcn	PACIFIC BELL WHITE PAGES
	STIRPE GILL LOUISE PHD	PACIFIC BELL WHITE PAGES
	Ofc	PACIFIC BELL WHITE PAGES
	Tal Ada Psychologist Inc	PACIFIC BELL WHITE PAGES
	Tong Norman J MD	PACIFIC BELL WHITE PAGES
	Tong Norman J MD	PACIFIC BELL WHITE PAGES
	Tong Norman J MD disorders of the skin	PACIFIC BELL WHITE PAGES
	Tsang Victor MD	PACIFIC BELL WHITE PAGES
	Head Scanning Facility	PACIFIC BELL WHITE PAGES
	Valley Radiologists Medical Group Inc	PACIFIC BELL WHITE PAGES
	WARSHAL WILLIAM SMD	PACIFIC BELL WHITE PAGES
	Watson Ronald R MD	PACIFIC BELL WHITE PAGES
	Watson Sutthisri MD	PACIFIC BELL WHITE PAGES
	Yeh George KMD	PACIFIC BELL WHITE PAGES
	Yenikomshian A MD	PACIFIC BELL WHITE PAGES
1986	Specimen Collection Centers	Pacific Bell
	SPECIMEN COLLECTION CENTERS	Pacific Bell
	Adrouny A Richard MD	Pacific Bell
	Adult & Child Psychological Services Of South	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Ofe	Pacific Bell
	Almaden South Valley Family Practice Medical Group	Pacific Bell
	Alston Nancy Ann MD	Pacific Bell
	Andrews James L MD	Pacific Bell
	Bariatric Center Of San Jose	Pacific Bell
	Barsoumian Krikor MD	Pacific Bell
	Baumer Alex JDMD	Pacific Bell
	Bernstein Kenneth E MD	Pacific Bell
	Brown C Walter MD Inc	Pacific Bell
	Cady Paxton MD Santa Teresa Psychiatric Medical Group	Pacific Bell
	Carson Kent S MD dermtlgst	Pacific Bell
	Casey Joseph M MD	Pacific Bell
	CENTER FOR COSMETIC & PLASTIC SURGERY	Pacific Bell
	Chai S MD	Pacific Bell
	Collins Frederic J MD Santa Teresa Orthopedic Medical Group	Pacific Bell
	COMMUNITY CLINIC PHARMACY	Pacific Bell
	Costa Emil F MD Inc	Pacific Bell
	Dashnaw Theodore RPT Theodore Dashnaw Physical Therapy Inc	Pacific Bell
	Devine David A Ph D	Pacific Bell
	Ofc	Pacific Bell
	Donovan Raymond MD	Pacific Bell
	Santa Teresa Office	Pacific Bell
	Dwyre Terrence R MD	Pacific Bell
	Ear Nose Throat Hearing And Speech Center	Pacific Bell
	ECHOLS MINA A MD pediatrcn	Pacific Bell
	Family Physicians Medical Group	Pacific Bell
	GRAUBARD DAVID J MD	Pacific Bell
	Santa Teresa Orthopedic Medical Group	Pacific Bell
	Guisado Raul MD neurology	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Gulesserian H P MD Inc	Pacific Bell
	Gunatilaka C Desmond MD	Pacific Bell
	Gurman A L MD Inc	Pacific Bell
	Haut Lew is LMD	Pacific Bell
	Santa Teresa Medical Building	Pacific Bell
	Heller Alan MMD Inc	Pacific Bell
	Hodges Ruth Ph D Santa Teresa Psychiatric Medcial Group	Pacific Bell
	Hyatt Engineering	Pacific Bell
	Hiyatt Frank MD	Pacific Bell
	Jessee Rebecca AMD	Pacific Bell
	Liao Chiu Fu	Pacific Bell
	Uao Chung HMD	Pacific Bell
	Linehan James W MD Inc	Pacific Bell
	Lovelace George E LCSW	Pacific Bell
	Magri JV MD	Pacific Bell
	Marx Robert J MD	Pacific Bell
	Santa Teresa Office	Pacific Bell
	Mc Cullough David W MD	Pacific Bell
	Santa Teresa Office	Pacific Bell
	MONTEBELLUP PHYSICIANS MEDICAL GROUP INC	Pacific Bell
	Hospital Parkw ay Office	Pacific Bell
	Morse Kevin MD Valley Psy Chiatric Medical Clinic The	Pacific Bell
	MUCCILLI JAY PH D & ASSOCIATES	Pacific Bell
	Muhaw i George MD FACS	Pacific Bell
	Nchekw ube Emeka MD neurosurgery	Pacific Bell
	NEWMAN WALTER S Ji R MD 2	Pacific Bell
	Santa Teresa Office	Pacific Bell
	Outpatient Labs	Pacific Bell
	Pathology Laboratory Alcott Carter DibbernDutra Morlshima Rinehart Stamm Winchelt	Pacific Bell
	Peterson David L MD	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1986	PULLEY DOUGLAS B MD INC	Pacific Bell
	Quick John B Jr MD	Pacific Bell
	Rike William C MD obstetrcs & gynecology	Pacific Bell
	Robertson James S MD	Pacific Bell
	Saadi James A MD neurosurgery	Pacific Bell
	SC dev Kultar Q	Pacific Bell
	San Jose Home Respiratory Service	Pacific Bell
	Santa Teresa Hospital Medical Building Dental Center	Pacific Bell
	SANTA TERESA ORTHOPEDIC MEDICAL	Pacific Bell
	GROUP	Pacific Bell
	Santa Teresa Psychiatric Medical Group	Pacific Bell
	Schw arz Doris A PHD	Pacific Bell
	Shetton Ronald MO	Pacific Bell
	Smith Richard S MD obstetrcs	Pacific Bell
	Sol Peter MD pediatrcn	Pacific Bell
	SOUTH BAY BACK CONSULTANTS	Pacific Bell
	South Peninsula Medical Group Inc	Pacific Bell
	SERVICE	Pacific Bell
	South Valley Medical Laboratory	Pacific Bell
	Stirpe Gill Louise Ph D	Pacific Bell
	System Ware Inc	Pacific Bell
	Thenemann Gordon J MD	Pacific Bell
	THERAPY INC	Pacific Bell
	Tong Normnnan J MD	Pacific Bell
	Tong Norman J MD disorders of the skin	Pacific Bell
	Valley Radiologists Medical Group Inc	Pacific Bell
	Head Scanning Facility	Pacific Bell
	Veder Robert A Ph D	Pacific Bell
	Watson Ronald R MD	Pacific Bell
	Watson Sutthisri MD	Pacific Bell
	WOLKSTEIN PHILIP DMD	Pacific Bell

FINDINGS

Year	Uses	Source
1986	i Wang Wallace B MD Inc obstetrcs & gynecology	Pacific Bell
	Wong WL	Pacific Bell
	Yoh George K MD	Pacific Bell
	Yenikomshian A MD	Pacific Bell
1985	Wherry Patrick E MD A Medical Corp	Pacific Bell
	Head Scanning Facility	Pacific Bell
	VAROUp 1 NOLOGISTS MEDICAL	Pacific Bell
	ADULT & CHILD PSYCHOLOGICAL SERVICES OF SOUTH	Pacific Bell
	ALSTON NANCY ANN MD	Pacific Bell
	ANDREWS JAMES L MD	Pacific Bell
	BADRI M SHARIF MD	Pacific Bell
	BARSOUMIAN KRIKOR MD	Pacific Bell
	BAUMER ALEX3DMD	Pacific Bell
	BROWN C WALTER MD INC	Pacific Bell
	CADY PAXTON MD SANTA TERESA PSYCHIATRIC MEDICAL GROUP	Pacific Bell
	CARSON KENT S MD DERMTLGST	Pacific Bell
	CASEY JOSEPH M MD	Pacific Bell
	CHAI S MD	Pacific Bell
	CHRONISTER WAYNE S MD	Pacific Bell
	COLLINS FREDERIC J MD SANTA TERESA ORTHOPEDIC MEDICAL GROUP	Pacific Bell
	COMMUNITY CLINIC PHARMACY	Pacific Bell
	COSTA EMIL F MD INC	Pacific Bell
	DASHNAW THEODORE RPT THEODORE DASHNAW PHYSICAL THERAPY INC	Pacific Bell
	DEVINE DAVID A PH D	Pacific Bell
	DWYRE TERRENCE R MD	Pacific Bell
	ECHOLS MINA A IVD PEDIATRCN	Pacific Bell
	GRAUBARD DAVID J MD SANTA TERESA ORTHOPEDIC MEDICAL GROUP	Pacific Bell
	GUISADO RAUL MD NEUROLOGY	Pacific Bell
	GULESSERINAN H P MD INC	Pacific Bell

FINDINGS

Year	Uses	Source
1985	GUNATILAKA C DESMOND MD	Pacific Bell
	GUZMAN A L MD INC	Pacific Bell
	HAUT LEWIS L MD	Pacific Bell
	HELLER ALAN M MD INC	Pacific Bell
	HODGES RUTH PH D SANTA TERESA PSYCHIATRIC MEDCIAL GROUP	Pacific Bell
	JESSEE REBECCA A MD	Pacific Bell
	LAMB STANFORD H PH D AUDIOLOGIST	Pacific Bell
	LAMBERTON RONALD W MD	Pacific Bell
	LIAO CHUNG H MD	Pacific Bell
	LINEHAN JAMES W MD INC	Pacific Bell
	LOVELACE GEORGE E LCSW	Pacific Bell
	LUMICAO GENEROSA MD PEDIATRCN	Pacific Bell
	MANN MALI A MD	Pacific Bell
	MUCCILLI JAY PH D & ASSOCIATES	Pacific Bell
	MUHAWI GEORGE MD FACS	Pacific Bell
	NCHEKWUBE EMEKA MD NEUROSURGERY	Pacific Bell
	NEWMAN WALTER S JR MD FAMILY PRACTICE	Pacific Bell
	PATHOLOGY LABORATORY ALCOTT-CARTER-DIBBERN-DUTRA-MORISHIMA-RINEHART-STAMM-W	Pacific Bell
	PETERSON DAVID L MD	Pacific Bell
	PULLEY DOUGLAS B MD INC	Pacific Bell
	QUICK JOHN B JR MD	Pacific Bell
	RIKE WILLIAM C MD OBSTETRCS & GYNECOLOGY	Pacific Bell
	ROBERTSON JAMES S MD	Pacific Bell
	SAEADI JAMES A MD NEIROSURGERY	Pacific Bell
	SACHDEV HARIEC S MD NEUROLOGY	Pacific Bell
	SANTA TERESA FAMILY DOCTORS	Pacific Bell
	SANTA TERESA FAMILY PRACTICE MEDICAL GROUP	Pacific Bell
	SANTA TERESA HOSPITAL MEDICAL BUILDING DENTAL CENTER	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1985	SANTA TERESA ORTHOPEDIC MEDICAL GROUP	Pacific Bell
	SANTA TERESA PSYCHIATRIC MEDICAL GROUP	Pacific Bell
	SCHWARZ DORIS A PHD	Pacific Bell
	SHELTON RONALD MD	Pacific Bell
	SMITH RICHARD S MD OBSTETRCS & GYNECLGST	Pacific Bell
	SOL PETER MD PEDIATRCN	Pacific Bell
	SOPER KEITH C MD	Pacific Bell
	SOUTH BAY BACK CONSULTANTS	Pacific Bell
	SOUTH PENINSULA MEDICAL GROUP INC	Pacific Bell
	SOUTH VALLEY MEDICAL LABORATORY	Pacific Bell
	STIRPE GILL LOUISE PHD	Pacific Bell
	THENEMOANN GORDON J MD	Pacific Bell
	THEODORE DASHNAW PHYSICAL THERAPY INC	Pacific Bell
	TONG NORMAN J MD	Pacific Bell
	TONG NORMAN J MD DISORDERS OF THE SKIN	Pacific Bell
	VALLEY PSYCHIATRIC MEDICAL CLINIC THE	Pacific Bell
	VALLEY RADIOLOGISTS MEDICAL GROUP INC	Pacific Bell
	VELRE ROBERT A PH D	Pacific Bell
	VITA-COR CARDIAC DIAGNOSTIC & REHABILITATIVE MEDICAL GROUP	Pacific Bell
	WARSHAL WILLIAM S MD	Pacific Bell
	WATSON RONALD R MD	Pacific Bell
	WATSON SUTTHISRI MD	Pacific Bell
	WHERRY PATRICK E MD A MEDICAL CORP	Pacific Bell
	WOLKSTEIN PHILIP DMD	Pacific Bell
	WANG WALLACE B MD INC OBSTETRCS & GYNECOLOGY	Pacific Bell
	YEH GEORGE K MD	Pacific Bell
	YENIKOMSHIAN A MD	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1980	Horine S Chris podtrsts Samaritan Medical Center	Pacific Telephone
	Santa Teresa Medical Building	Pacific Telephone
	Pathology Laboratory Alcott Carter Dibbern Dutra Morishima Rinehart Stamm Winchell Central Laboratory	Pacific Telephone
	Sharpe David A podtrsts Samaritan Medical Center	Pacific Telephone
	Santa Teresa Medical Building	Pacific Telephone
	Head Scanning Facility	Pacific Telephone
	VALLEY RADIOLOGISTS MEDICAL GROUP INC	Pacific Telephone
	Alston Nancy Ann MD	Pacific Telephone
	Carson Nant S MD dermtlgsty	Pacific Telephone
	Casey Joseph MD	Pacific Telephone
	Chai S MD n Irl & vascular surrgery	Pacific Telephone
	Cheng Chun Lang MD	Pacific Telephone
	Chronister Wayne S MD Santa Teresa Orthopedic	Pacific Telephone
	Medical Group	Pacific Telephone
	COMMUNITY CLINIC PHARMACY	Pacific Telephone
	Dashnaw Fredrick A DDS	Pacific Telephone
	Physical Therapy Inc	Pacific Telephone
	Dw yre Terrence R MD	Pacific Telephone
	Graubard David J MD Santa Teresa Orthopedic	Pacific Telephone
	Medical Group	Pacific Telephone
	Gulesserian H P MD Inc	Pacific Telephone
	Guzman A i MD Inc	Pacific Telephone
	Haut Lew is L MD	Pacific Telephone
	Hazle William H mo	Pacific Telephone
	Horine S Chris podtrst	Pacific Telephone
	Hyatt Frank MD family practice	Pacific Telephone
	Jessee Rebecca A MD	Pacific Telephone
	Liae Chung H MD	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Lineltan James W MD Inc	Pacific Telephone
	Lumicao Generosa	Pacific Telephone
	tumicao Generosa M D pediatrcn	Pacific Telephone
	Meleyco Leo N MD Inc allergy	Pacific Telephone
	Muhaw i George MD	Pacific Telephone
	Murphy Thos MD	Pacific Telephone
	Nchekw ube Emeka MD	Pacific Telephone
	Nelson Lionel	Pacific Telephone
	New man Walter S Jr MD Family Practice	Pacific Telephone
	ODonnell James dntst	Pacific Telephone
	Pathology Laboratory Alcott Carter DibbernDutra Morlshima Rinehart Staimm Winchell	Pacific Telephone
	Outpatient Labs	Pacific Telephone
	Pulley Douglas B MD Inc	Pacific Telephone
	Puplampu Buenor MD	Pacific Telephone
	Quick John B Jr MD	Pacific Telephone
	Rike William C MD obstetrcs & gynecology	Pacific Telephone
	Rushton Stew art Jr MD	Pacific Telephone
	Sharpe David A pucdtrst Selntanitan Medical Cnsnttr	Pacific Telephone
	Shelton Ronald MD	Pacific Telephone
	Soper Julie	Pacific Telephone
	GCroup	Pacific Telephone
	Thenemann Gordon J MD	Pacific Telephone
	Theodore Dashnaw Physical Therapy Inc	Pacific Telephone
	Tong Norman J MD disorders of the skin	Pacific Telephone
	Tsang Victor MD	Pacific Telephone
	Valley Radiologists Medical Group Inc	Pacific Telephone
	Head Scanning Facility	Pacific Telephone
	Welty Gordon A MD family practice	Pacific Telephone
	Wherry Patrick E MD A Medical Corp	Pacific Telephone
	Yeh George K MD	Pacific Telephone
	Yeankomshian A MD	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	AVAKOFF JOSEPH C MD A PROFESSIONAL CORP	Pacific Telephone
	BOWLER JOHN H DDS	Pacific Telephone
	BUTT CLEMENT MD INC PEDIATRCN	Pacific Telephone
	CARDIOTEST INC	Pacific Telephone
	CHRONISTER WAYNE S MD SANTA TERESA	Pacific Telephone
	COMMUNITY CLINIC PHARMACY	Pacific Telephone
	EAR NOSE THROAT AND HEARING CENTERS	Pacific Telephone
	GULESSERIAN H P MD	Pacific Telephone
	GUZMAN ANDREW MD	Pacific Telephone
	HEARING CENTER THE	Pacific Telephone
	HEWES EVA H MD EYE PHY & SUR	Pacific Telephone
	HEWES GEORGE R MD EYE PHY&SUR	Pacific Telephone
	HYATT FRANK MD FAMILY PRACTICE	Pacific Telephone
	LAMBERTON RONALD W MD	Pacific Telephone
	LINEHAN JAMES W MD	Pacific Telephone
	MILLER ORTHOPEDIC APPLIANCES INC	Pacific Telephone
	MODIR JAMAL MD GENERAL SURGEON	Pacific Telephone
	MUSAVL S MD	Pacific Telephone
	NEDDE NORMAN R MD	Pacific Telephone
	NELSON LIONEL M MD	Pacific Telephone
	ORTHOPEDIC MEDICAL GROUP INC	Pacific Telephone
	PASQUAL E N JR MD	Pacific Telephone
	QUIGLEY J PATRICK MDINC	Pacific Telephone
	QUIGLEY J PATRICK MD INC	Pacific Telephone
	RODENBAUGH F HASE MD	Pacific Telephone
	SANTA TERESA BRANCH	Pacific Telephone
	SAN JOSE ORNAMENTAL IRON WORKS INC	Pacific Telephone
	SANTA TERESA BRANCH SAN JOSE MEDICAL CLINIC	Pacific Telephone
	SANTA TERESA FAMILY PRACTICE	Pacific Telephone
	SANTA TERESA INTERNAL MEDICAL GROUP INC	Pacific Telephone

Year	Uses	Source
1975	SANTA TERESA ORTHOPEDIC MEDICAL GROUP INC	Pacific Telephone
	SELPEL ROBT S MD INC	Pacific Telephone
	SMITH RICHARD S MD OBSTETRCS & GYNECLGST	Pacific Telephone
	SOPER KEITH C MD SANTA TERESA ORTHOPEDIC	Pacific Telephone
	TONG NORMAN J MD DISORDERS OF THE SFKIN	Pacific Telephone
	TSANG VICTOR MD A PROFESSIONAL CORP	Pacific Telephone
	VALLEY MEDICAL MANAGEMENT	Pacific Telephone
	VEDER ROBERT A PH D	Pacific Telephone
	WONG WALLACE B MD INC	Pacific Telephone

276 HOSPITAL PKY

Year	Uses	Source
2020	UMARJEE SPHOORTI D MD	EDR Digital Archive
	GARVEY SHEQUELLA MD	EDR Digital Archive
	YAKRUS RACHEL A MD	EDR Digital Archive
	DRALLA SHANNON S MD	EDR Digital Archive
	TAN KENNETH C MD	EDR Digital Archive
	KAISER PERMANENTE DERMATOLOGY	EDR Digital Archive
	ELEMEN BEVERLY J NP	EDR Digital Archive
	TOM WYNNYEE MD	EDR Digital Archive
	WALSH-ARTEAGA JAKE MD	EDR Digital Archive
	BOLOUR ADAM R MD	EDR Digital Archive
	BIALOS AUDREY K DO	EDR Digital Archive
	FRANK SUZANNE M MD	EDR Digital Archive
	KARSAN PAYAL MD	EDR Digital Archive
	GUITARTE CAMILLA MD	EDR Digital Archive
	CHAN TYRONE P MD	EDR Digital Archive
	MANGAT KIRANVIR K MD	EDR Digital Archive
	TEE ALEXANDRA MD	EDR Digital Archive
	ADAMS-PIPER EMILY R MD	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	JINDIA ANJALI RANI MD	EDR Digital Archive
	REOUK DIVYA A MD	EDR Digital Archive
	STEVENS JONES MICHELLE E MD	EDR Digital Archive
	MIRZAEI MALIHEH MD	EDR Digital Archive
	LYASHEVSKY CLARA R DO	EDR Digital Archive
	FU HELEN I MD	EDR Digital Archive
	CHEN LIYUAN MD	EDR Digital Archive
	SHIN SILVIA DO	EDR Digital Archive
	SAN JOSE MEDICAL CTR	EDR Digital Archive
	DOHERTY JANNA LYN MD	EDR Digital Archive
	KAISER PERMANENTE PHARMACY	EDR Digital Archive
	HAGGERTY KEVIN M MD	EDR Digital Archive
	WANG ZEN-JAN NP	EDR Digital Archive
	HALLS VALERIE L MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	LEMKE PAMELA CNM	EDR Digital Archive
	NACHBAUR THOMAS M MD	EDR Digital Archive
	ALLEN CATHERINE A NP	EDR Digital Archive
	MAGALLANES BELINDA M MD	EDR Digital Archive
	TORRES SANDRA MD	EDR Digital Archive
	SOHA OMAR M MD	EDR Digital Archive
	GONZALEZ SERGIO A MD	EDR Digital Archive
	WOOD HARRISON KAMILLAH N MD	EDR Digital Archive
	LOANZON SHEILA DO	EDR Digital Archive
	HSIAO EMILY MD	EDR Digital Archive
	DO HA K MD	EDR Digital Archive
	SAN JOSE MEDICAL CTR	EDR Digital Archive
	CORPUZ PATRICK S MD	EDR Digital Archive
	RUGHANI AMI A MD	EDR Digital Archive
	EVANS JACOB R DO	EDR Digital Archive
2006	KAISER MED PHAR	Haines Company, Inc.
	FAMILY	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	KAISER MED PHAR	Haines Company, Inc.
	FAMILY	Haines Company, Inc.
2000	KAISER MED PHAR FAMILY	Haines & Company
	KAISER MED PHAR FAMILY	Haines & Company

280 HOSPITAL PKY

Year	Uses	Source
2020	HARMON LIV K MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	ROMUALDO GLENN R MD	EDR Digital Archive
	KAISER PERMANENTE MEDICAL CTR	EDR Digital Archive
	ROSAS EFREN E MD	EDR Digital Archive
	LEW KATHLEEN L PA	EDR Digital Archive
	GRAFF-BAKER AMANDA N MD	EDR Digital Archive
	WRIGHT FREDERICK S MD	EDR Digital Archive
	WATERS LINDA M MD	EDR Digital Archive
	TARAVELLA SONYA N PA	EDR Digital Archive
	KOBRAEI EDWARD M MD	EDR Digital Archive
	KAISER PERMANENTE MEDICAL CTR	EDR Digital Archive
	CARADONNA THOMAS M MD	EDR Digital Archive
	TAN LAI W MD	EDR Digital Archive
	KAISER PERMANENTE ADULT-FAMILY	EDR Digital Archive
	ABRAHAM IYPE MD	EDR Digital Archive
	GORSKI ANNA G MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	SAN JOSE MEDICAL CTR UROLOGY	EDR Digital Archive
	PERMANENTE MEDICAL GROUP INC	EDR Digital Archive
	JACOBS DANIEL I MD	EDR Digital Archive
	BHANDARKAR POORTI V MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	CHUN KENDRA L MD	EDR Digital Archive
	RACHAMALLU HARITHA R MD	EDR Digital Archive
	BAHUGUNA CHARU NP	EDR Digital Archive

Year	Uses	Source
2020	MAHARJAN SURESH MD	EDR Digital Archive
	TIMPE SUSAN	EDR Digital Archive
	RAJKANAN NEHA MD	EDR Digital Archive
	HARTWIG KIM M MD	EDR Digital Archive
	YU OTTO S MD	EDR Digital Archive
	SURYANARAYAN MAYURA MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	KAISER PERMANENTE MEDICAL CTR	EDR Digital Archive
	CHOI JAMES S MD	EDR Digital Archive
	SAN JOSE MEDICAL CTR UROLOGY	EDR Digital Archive
2006	KAISER MED PHAR	Haines Company, Inc.
	BLDGD	Haines Company, Inc.
	KAISER MED TY	Haines Company, Inc.
2000	KAISER MED PHAR	Haines & Company
1995	KAISER PERMANENTE MEDICAL CTR	Cole Information
1992	KAISER MED PHARMACY	Cole Information
1991	KAIS E R PE RMAN E N TE MIE DICAL CE N TE R-S AN TA TE RE S A-S AN J 0 S E (	PACIFIC BELL WHITE PAGES

289 HOSPITAL PKY

Year	Uses	Source
2000	NO CURRENT LISTING	Haines & Company
1980	A & A Mechanical Contractors	Pacific Telephone

290 HOSPITAL PKY

Year	Uses	Source
2006	SANJSECTYCMNTY	Haines Company, Inc.
	MTNGRMLBRY	Haines Company, Inc.
	SANTATRSABRCH	Haines Company, Inc.
	LBRRY SNJSE OTY	Haines Company, Inc.
1992	SANTATRSA LIBRARY	Cole Information

296 HOSPITAL PKY

Year	Uses	Source
2000	SANJSE CTY CMNTY MTNG RM LBRY	Haines & Company

Year	Uses	Source
2000	SANJSE CTY LBRY	Haines & Company
	SANTATRSA BRANCH LIBRARY	Haines & Company

International Center

210 International Center

Year	Uses	Source
1986	SAN JOSE STATE Please Consult Alphabetical Listings	Pacific Bell

INTERNATIONAL CENTER

210 INTERNATIONAL CENTER

Year	Uses	Source
1980	SAN JOSE STATE UNIVERSITY Con Id	Pacific Telephone

INTERNATIONAL CIR

250 INTERNATIONAL CIR

Year	Uses	Source
2020	BROOKS DARRELL MD	EDR Digital Archive

256 INTERNATIONAL CIR

Year	Uses	Source
2020	TERCERO MONICA D NP	EDR Digital Archive

260 INTERNATIONAL CIR

Year	Uses	Source
1991	KAIS E R	PACIFIC BELL WHITE PAGES
1986	Mon Fri	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell
	KAISER	Pacific Bell
	SAN JOSE	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell

Year	Uses	Source
1986	Medical Office Business Office	Pacific Bell
1985	KAISER-PERMANENTE MEDICAL CENTERSANTA TERESA-SAN JOSE (CONTD)	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE	Pacific Bell

280 INTERNATIONAL CIR

Year	Uses	Source
2020	MATHUR PUJA MD	EDR Digital Archive
2017	KAISER PERMANENTE	Cole Information
2014	KAISER PERMANENTE MEDICAL CENTERSAN	Cole Information

290 INTERNATIONAL CIR

Year	Uses	Source
2020	LOS PASEOS NEIGHBORHOOD ASSN	EDR Digital Archive
	SANTA TERESA PUBLIC LIBRARY	EDR Digital Archive
2010	BRCO CONSTRUCTORS INC	Cole Information
2000	SAN JOSE CITY OF COMMUNITY MTG ROOM RESERVATIONS	Cole Information
	SAN JOSE CITY OF LIBRARY	Cole Information
1996	SAN JOSE CITY OF	Pacific Bell
1995	SANTA TERESA BRANCH LIBRARY	Cole Information
1991	SANTA TERESA BRANCH LIBRARY- SAN JOSE CITY OF	PACIFIC BELL WHITE PAGES
	Santa Teresa Branch Library San Jose City Of	PACIFIC BELL WHITE PAGES
1986	Santa Teresa Branch Library San Jose City Of	Pacific Bell
1985	SANTA TERESA BRANCH LIBRARY- SAN JOSE CITY OF	Pacific Bell

OLEANDER DR

302 OLEANDER DR

Year	Uses	Source
2020	ALINE MARSHALL	EDR Digital Archive
	ALFREDO DEZA	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	DAN MARSHALL	EDR Digital Archive
2017	KATHLEEN BRYANT	Cole Information
2014	JOE CEJA	Cole Information
2010	ALFREDO DEZA	Cole Information
2006	DEZA Alfredo	Haines Company, Inc.
2005	ALFREDO DEZA	Cole Information
2000	TRISHA KLINK	Cole Information

303 OLEANDER DR

Year	Uses	Source
2020	DANIEL MIRASOL	EDR Digital Archive
2014	DANIEL MIRASOL	Cole Information
2006	JOY Mlchael	Haines Company, Inc.
2005	M BUSTAMANTE	Cole Information
2000	EMILIO OLIVEIRA	Cole Information

306 OLEANDER DR

Year	Uses	Source
2006	o HARVEY Vaiso la	Haines Company, Inc.
2000	LAI Linda F	Haines & Company

307 OLEANDER DR

Year	Uses	Source
2020	RAY CASACLANG	EDR Digital Archive
	MARIO CASACLANG	EDR Digital Archive
	LISA CASACLANG	EDR Digital Archive
2017	MARIO CASACLANG	Cole Information
2014	MARIO CASACLANG	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	GUGLIELMOPaul	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	MARIO CASACLANG	Cole Information

311 OLEANDER DR

Year	Uses	Source
2020	LENNY RAYZMAN	EDR Digital Archive
2017	CARLOS RODRIGUEZ	Cole Information
2014	LENNY RAYZMAN	Cole Information
2010	LENNY RAYZMAN	Cole Information
2005	CARLOS RODRIGUEZ	Cole Information

RIBBONWOOD AVE

300 RIBBONWOOD AVE

Year	Uses	Source
2020	YVONNE GIN	EDR Digital Archive
	QUYNH TRINH	EDR Digital Archive
2017	RAVI METTA	Cole Information
2014	HILDA NICOLETTA	Cole Information
2010	BRET CALLSHAN	Cole Information
2006	KRISHNA Vlkas	Haines Company, Inc.
2005	VIKAS KRISHNA	Cole Information
2000	GLORIA MARGOLIS	Cole Information

301 RIBBONWOOD AVE

Year	Uses	Source
2020	JORGE CARRILLO	EDR Digital Archive
	A CARRILLO DE MARCELA	EDR Digital Archive
2014	MARGARITA ESTRADA	Cole Information
2010	ARIADNE GLYPTIS	Cole Information
2006	CARRILLO Jorge e	Haines Company, Inc.
2005	JORGE CARRILLO	Cole Information
2000	YI On	Haines & Company

304 RIBBONWOOD AVE

Year	Uses	Source
2020	HAOTING LUO	EDR Digital Archive
2014	OLSON MARBLE & STONE CARE	Cole Information
	ROBERT MENDIOLA	Cole Information

FINDINGS

Year	Uses	Source
2010	OCCUPANT UNKNOWN	Cole Information
2006	MENDIOLA Maria	Haines Company, Inc.
2005	JASON BABCOCK	Cole Information
2000	LAM Danl	Haines & Company
	DIANA NG	Cole Information

305 RIBBONWOOD AVE

Year	Uses	Source
2020	RYAN BROWN	EDR Digital Archive
	HEATHER NAAMAN	EDR Digital Archive
2017	RICHARD GEE	Cole Information
2014	KENT JENKINS	Cole Information
2010	KENT JENKINS	Cole Information
2006	JENKINSE	Haines Company, Inc.
2005	KENT JENKINS	Cole Information
2000	JAMIE SAMATH	Cole Information

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
10 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
11 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
12 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
13 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 International Center	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 INTERNATIONAL CENTER	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
250 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
251 HOSPITAL DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
256 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
256 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 HOSPITAL PARKWAY SAN JOSE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
260 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 HOSPITAL PKY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 HOSPITAL PKY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 HOSPITAL PKY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
272 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL L PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKWY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKWY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
275 HOSPITAL PKWY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKWY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKWY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
275 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKWY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKWY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKWY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKWY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PARK WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PARKWAY BUILDING D	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKWY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKWY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKWY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
280 HOSPITAL PKWY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKWY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 INTERNATIONAL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
280 INTERNATIONAL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
289 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
289 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
290 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 HOSPITAL PKY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
290 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
291 COTTLE AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
293 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
296 HOSPITAL PKY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
300 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
300 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
300 RIBBONWOOD AVE	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
300 RIBBONWOOD AVE	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
300 RIBBONWOOD AVE	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
300 RIBBONWOOD AVE	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
300 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 RIBBONWOOD AVE	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 RIBBONWOOD AVE	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
301 RIBBONWOOD AVE	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
302 OLEANDER DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
302 OLEANDER DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
302 OLEANDER DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
302 OLEANDER DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
302 OLEANDER DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
302 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
302 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
303 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
303 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
303 OLEANDER DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
303 OLEANDER DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
303 OLEANDER DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
304 RIBBONWOOD AVE	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
304 RIBBONWOOD AVE	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
304 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
304 RIBBONWOOD AVE	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
304 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
304 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
305 RIBBONWOOD AVE	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
306 OLEANDER DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
306 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
307 OLEANDER DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
311 OLEANDER DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
311 OLEANDER DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
311 OLEANDER DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
311 OLEANDER DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
311 OLEANDER DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
350 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
352 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
355 COTTLE AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
355 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
365 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
385 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
390 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
400 COTTLE RD	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6110 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
8 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
9 CAMINO VERDE DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
250 Hospital Parkway	2001, 1996, 1995, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

APPENDIX B

ENVIRONMENTAL DATABASE REPORT

San Jose Campus Master Planning
250 Hospital Parkway
San Jose, CA 95119

Inquiry Number: 7547154.1s
January 22, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Physical Setting Source Summary	A-2
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Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

COORDINATES

Latitude (North):	37.2393980 - 37° 14' 21.83''
Longitude (West):	121.8003230 - 121° 48' 1.16''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606411.7
UTM Y (Meters):	4121900.5
Elevation:	192 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50003411 SANTA TERESA HILLS, CA
Version Date:	2021
North Map:	50003394 SAN JOSE EAST, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200525
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	KAISER PERMANENTE SA	250 HOSPITAL PKWY	UST		TP
A2	KAISER PERMANENTE SA	250 HOSPITAL PKWY	HWTS, HAZNET		TP
A3	1X KAISER FOUNDATION	250 HOSPITAL PARKWAY	HWTS, HAZNET		TP
A4	KAISER CAMINO VERDE	250 HOSPITAL PKWY	CIWQS		TP
A5	SANTA TERESA COMMUNI	250 HOSPITAL PKWY.	HWTS, HAZNET		TP
A6	KAISER PERMANENTE ME	250 HOSPITAL PKWY	RCRA-LQG, HIST UST, FINDS, ECHO, EMI, CERS		TP
A7	KAISER FOUNDATION HO	250 HOSPITAL PARKWAY	HWTS, HAZNET		TP
A8	KAISER PERMANENTE SA	250 HOSPITAL PKWY	CERS HAZ WASTE, CERS TANKS, CERS		TP
A9	KAISER PERMANENTE SA	250 HOSPITAL PKWY	UST FINDER		TP
A10	KAISER PERMANENTE SA	250 HOSPITAL PY	CUPA Listings, HWTS		TP
B11	KAISER PERMANENTE SA	256 INTERNATIONAL CI	CERS HAZ WASTE, CERS TANKS, CERS	Higher	1 ft.
C12	KAISER PERMANENTE SA	255 INTERNATIONAL CI	FINDS	Higher	1 ft.
B13	KAISER PERMANENTE SA	258 INTERNATIONAL CI	CERS	Higher	1 ft.
B14	KAISER PERMANENTE SA	256 INTERNATIONAL CI	UST FINDER	Higher	1 ft.
B15	KAISER PERMANENTE SA	256 INTERNATIONAL CL	CUPA Listings	Higher	1 ft.
D16	SANTA TERESA CHEVRON	6090 COTTLE RD	EDR Hist Auto	Lower	1 ft.
B17	KAISER PERMANENTE SA	256 INTERNATIONAL CI	UST	Higher	1 ft.
B18	KAISER PERMANENTE (O	256 INTERNATIONAL CL	HAZMAT	Higher	1 ft.
A19	KAISER PERMANENTE (H	250 HOSPITAL PY HIRI	SWEEPS UST, HAZMAT	Lower	1 ft.
B20	KAISER PERMANENTE-SJ	258 INTERNATIONAL CL	CUPA Listings, HAZMAT	Higher	1 ft.
B21	KAISER SERVICE BLDG	256 INTERNATIONAL CI	UST	Higher	1 ft.
B22	KAISER PERMANENTE SA	258 INTERNATIONAL CI	FINDS	Higher	1 ft.
B23	OUT OF BUSINESS (DUP	256 INTERNATIONAL CL	HAZMAT	Higher	1 ft.
E24	KAISER PERMANENTE SA	280 INTERNATIONAL CI	FINDS	Lower	1 ft.
B25	KAISER PERMANENTE SA	256 INTERNATIONAL CI	FINDS	Higher	1 ft.
C26	KAISER PERMANENTE SA	255 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Higher	1 ft.
C27	KAISER PERMANENTE-SJ	255 INTERNATIONAL CL	CUPA Listings, HAZMAT	Higher	1 ft.
E28	SANTA TERESA BRANCH	290 INTERNATIONAL CI	CIWQS	Lower	1 ft.
F29	GREAT OAKS WATER COM	275 INTERNATIONAL CL	CUPA Listings	Higher	28, 0.005, SE
G30	SANTA TERESA INC	6210 SANTA TERESA	EDR Hist Auto	Lower	62, 0.012, SW
F31	KAISER PERMANENTE-SJ	276 INTERNATIONAL CL	CUPA Listings, HAZMAT	Higher	90, 0.017, SSE
F32	KAISER PERMANENTE SA	276 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Higher	90, 0.017, SSE
C33	KAISER PERMANENTE (M	270 INTERNATIONAL CL	HAZMAT	Higher	92, 0.017, NE
C34	KAISER PERMANENTE-SJ	270 INTERNATIONAL CL	CUPA Listings	Higher	92, 0.017, NE
C35	KAISER PERMANENTE SJ	260 INTERNATIONAL CL	HAZMAT	Higher	92, 0.017, NE
C36	KAISER SERVICE BLDG	260 INTERNATIONAL CL	SWEEPS UST, CUPA Listings	Higher	92, 0.017, NE
C37	KAISER PERMANENTE SA	260 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Higher	92, 0.017, NE
C38	KAISER PERMANENTE SA	270 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Higher	92, 0.017, NE
D39	SANTA TERESA CHEVRON	6096 COTTLE RD	UST FINDER	Lower	92, 0.017, SW

MAPPED SITES SUMMARY

Target Property Address:
250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	CHEVRON STATION 9003	6096 COTTLE RD	RCRA NonGen / NLR, FINDS	Lower	92, 0.017, SW
D41	CHEVRON	6096 COTTLE	LUST, Cortese, HIST CORTESE, CERS	Lower	92, 0.017, SW
D42	CHEVRON STATION #900	6096 COTTLE RD	CUPA Listings, HWTS, HAZNET, CERS	Lower	92, 0.017, SW
D43	SANTA TERESA CHEVRON	6096 COTTLE RD	UST	Lower	92, 0.017, SW
D44	CHEVRON #9-0038	6096 COTTLE RD	LUST, HIST LUST, CERS HAZ WASTE, SWEEPS UST, CERS..	Lower	92, 0.017, SW
D45	90038	6096 COTTLE RD	HIST UST	Lower	92, 0.017, SW
D46	CHEVRON #9-0038	6096 COTTLE ROAD	UST FINDER RELEASE	Lower	92, 0.017, SW
D47	SANTA TERESA CHEVRON	6096 COTTLE ROAD	EDR Hist Auto	Lower	92, 0.017, SW
D48	R E O INC/SANTA TERE	6096 COTTLE RD	RCRA NonGen / NLR	Lower	92, 0.017, SW
H49	WOLF CAMERA NO 959	6221 SANTA TERESA BL	RCRA NonGen / NLR, FINDS, ECHO	Lower	133, 0.025, SSW
H50	WOLF CAMERA & VIDEO	6221 SANTA TERESA BL	CUPA Listings	Lower	133, 0.025, SSW
H51	24 HOUR FITNESS	6223 SANTA TERESA BL	CUPA Listings, HAZMAT, CERS	Lower	133, 0.025, SSW
B52	VALLEY RADIOLOGIST M	275 HOSPITAL PARKWAY	CUPA Listings, HWTS, HAZNET, CERS	Higher	138, 0.026, NW
B53	KAISER PERMANENTE (M	275 HOSPITAL PY HIRI	HAZMAT	Higher	138, 0.026, NW
B54	OUT OF BUSINESS	275 HOSPITAL PY CA12	HAZMAT	Higher	138, 0.026, NW
B55	KAISER FOUNDATION HO	275 HOSPITAL PARKWAY	RCRA NonGen / NLR	Higher	138, 0.026, NW
B56	KAISER PERMANENTE-SA	275 HOSPITAL PY	CERS HAZ WASTE, CERS	Higher	138, 0.026, NW
B57	KAISER PERMANENTE-SJ	275 HOSPITAL PY	CUPA Listings, HAZMAT	Higher	138, 0.026, NW
B58	SPRINT # SF606XC835	275 HOSPITAL PY ROOF	HAZMAT	Higher	138, 0.026, NW
I59	KAISER PERMANENTE-SJ	280 HOSPITAL PY	CERS HAZ WASTE, CUPA Listings, CERS	Lower	151, 0.029, WSW
I60	KAISER PERMANENTE (M	280 HOSPITAL PY A, B	HAZMAT	Lower	151, 0.029, WSW
I61	KAISER PERMANENTE-SJ	280 HOSPITAL PY	CUPA Listings	Lower	151, 0.029, WSW
H62	PHINOS PHILLIPS 66 S	6101 CAMINO VERDE	EDR Hist Auto	Lower	164, 0.031, SSW
J63	AMALIA ZACHER DVM DB	6110 CAMINO VERDE DR	RCRA NonGen / NLR	Lower	205, 0.039, South
G64	7-ELEVEN 38459	6211 SANTA TERESA BL	RCRA NonGen / NLR	Lower	240, 0.045, SW
G65	7-ELEVEN, INC.	6211 SANTA TERESA BL	RCRA NonGen / NLR	Lower	240, 0.045, SW
G66	SANTA TERESA UNOCAL	6211 SANTA TERESA BL	UST FINDER	Lower	240, 0.045, SW
G67	UNOCAL #5995	6211 SANTA TERESA BO	UST FINDER RELEASE	Lower	240, 0.045, SW
G68	UNOCAL #5995	6211 SANTA TERESA BL	LUST, HIST LUST, HIST UST, Cortese, EMI	Lower	240, 0.045, SW
G69	UNION OIL SS#5995	6211 SANTA TERESA BL	HIST UST	Lower	240, 0.045, SW
G70	UNOCAL #5995	6211 SANTA TERESA BO	LUST, Cortese, ENF, HIST CORTESE, HAZMAT, CIWQS,...	Lower	240, 0.045, SW
G71	SANTA TERESA UNOCAL	6211 SANTA TERESA BL	UST	Lower	240, 0.045, SW
G72	SANTA TERESA UNOCAL	6211 SANTA TERESA BL	CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CUPA...	Lower	240, 0.045, SW
G73	SANTA TERESA UNION I	6211 SANTA TERESA	EDR Hist Auto	Lower	240, 0.045, SW
G74	UNOCAL #5995	6211 SANTA TERESA BL	UST FINDER RELEASE	Lower	240, 0.045, SW
G75	FORMER UNOCAL 351571	6211 SANTA TERESA BL	RCRA-SQG	Lower	240, 0.045, SW
76	NITESH SHELAR	6112 DEL CANTO DRIVE	RCRA NonGen / NLR	Lower	254, 0.048, SSE
K77	SANTA TERESA APARTME	6254 SANTA TERESA BL	RCRA NonGen / NLR	Higher	342, 0.065, SSE
K78	SANTA TERESA	6254 SANTA TERESA BL	RCRA NonGen / NLR	Higher	342, 0.065, SSE

MAPPED SITES SUMMARY

Target Property Address:
250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K79	SANTA TERESA APARTME	6254 SANTA TERESA BL	RCRA NonGen / NLR	Higher	342, 0.065, SSE
K80	GOLDRICH KEST	6254 SANTA TERESA BL	RCRA NonGen / NLR	Higher	342, 0.065, SSE
J81	IA 062717 NATALIE K	6128 CAMINO VERDE A	CUPA Listings	Lower	356, 0.067, South
J82	APARNA MENRAI DDS	6128 CAMINO VERDE DR	CERS HAZ WASTE, CUPA Listings	Lower	356, 0.067, South
J83	ANTHONY J ALLEGRETTI	6128 CAMINO VERDE DR	CUPA Listings	Lower	356, 0.067, South
J84	NATALIE K. PROVENZAN	6128 CAMINO VERDE DR	RCRA NonGen / NLR	Lower	356, 0.067, South
J85	RICHARD J GIUFFRIDA	6128 CAMINO VERDE DR	CUPA Listings	Lower	356, 0.067, South
J86	ANTHONY A ALLEGRETTI	6128 CAMINO VERDE DR	HWTS, HAZNET, HAZMAT	Lower	356, 0.067, South
L87	KAISER PERMANENTE-SJ	274 INTERNATIONAL	CUPA Listings	Lower	368, 0.070, NW
L88	KAISER PERMANANTE (S	274 INTERNATIONAL CL	HAZMAT	Lower	368, 0.070, NW
L89	KAISER PERMANENTE SA	274 INTERNATIONAL	CERS HAZ WASTE, CERS	Lower	368, 0.070, NW
M90	RITE AID #5983	6215 SANTA TERESA BL	RCRA-SQG	Lower	392, 0.074, SSW
M91	RITE AID #5983	6215 SANTA TERESA BL	CERS HAZ WASTE, CUPA Listings, HAZMAT, CERS	Lower	392, 0.074, SSW
J92	JAMES OTT DDS	6134 CAMINO VERDE DR	HWTS, HAZNET, HAZMAT	Lower	450, 0.085, South
J93	DARREL L KAUFFMAN MD	6134 CAMINO VERDE DR	CUPA Listings	Lower	450, 0.085, South
J94	JASWINDER GHUMAN DDS	6134 CAMINO VERDE DR	CUPA Listings	Lower	450, 0.085, South
J95	DR HO & DR LEE & ASS	6134 CAMINO VERDE DR	CUPA Listings	Lower	450, 0.085, South
J96	MALLORY A STECHISIN	6134 CAMINO VERDE DR	CUPA Listings	Lower	450, 0.085, South
J97	SANTA TERESA FAMILY	6134 CAMINO VERDE DR	CUPA Listings	Lower	450, 0.085, South
K98	JOHN SAGLIK	6108 DEL ROBLES COUR	RCRA NonGen / NLR	Higher	458, 0.087, SSE
N99	PLAZA DE SANTA TERES	6133 CAMINO VERDE DR	RCRA-SQG	Lower	458, 0.087, SSW
N100	J&J CLEANERS	6133 CAMINO VERDE DR	RCRA NonGen / NLR	Lower	458, 0.087, SSW
N101	J&J CLEANERS	6133 CAMINO VERDE DR	RCRA NonGen / NLR	Lower	458, 0.087, SSW
N102	TEDDY BEAR WASH DRY	6135 CAMINO VERDE DR	EDR Hist Cleaner	Lower	458, 0.087, SSW
N103	BONA'S CLEANERS	6133 CAMINO VERDE DR	DRYCLEANERS, HWTS, HAZNET, CERS	Lower	458, 0.087, SSW
N104	BONAS CLEANERS	6133 CAMINO VERDE DR	EDR Hist Cleaner	Lower	458, 0.087, SSW
N105	PLAZA DE SANTA TERES	6133 CAMINO VERDE DR	CPS-SLIC, CERS HAZ WASTE, FINDS, CUPA Listings,...	Lower	458, 0.087, SSW
O106	SANTA TERESA APTS	5967 LISKA LN	RCRA NonGen / NLR	Higher	470, 0.089, SE
O107	NATALIE JONES UNIT 2	5965 LISKA LANE	RCRA NonGen / NLR	Higher	474, 0.090, SE
O108	GOLDRICH KEST C/O SA	5961 LISKA LANE #101	RCRA NonGen / NLR	Higher	484, 0.092, SE
N109	SANTA TERESA CENTER	6140 CMINO VERDE DR	EDR Hist Auto	Lower	534, 0.101, South
N110	ARTISAN FAMILY DENTA	6140 CAMINO VERDE DR	CUPA Listings	Lower	534, 0.101, South
K111	SANTA THERESA APTS.	5929 LISKA LN.	RCRA NonGen / NLR	Higher	547, 0.104, SE
K112	GOLDRICH KEST C/O SA	5931 LISKA LANE #205	RCRA NonGen / NLR	Higher	547, 0.104, SE
P113	DELAS CLEANERS	6193 SANTA TERESA BL	EDR Hist Cleaner	Lower	555, 0.105, SW
P114	KENTUCKY FRIED CHICK	6171 SANTA TERESA BL	HAZMAT	Lower	555, 0.105, SW
P115	KENTUCKY FRIED CHICK	6171 SANTA TERESA BL	CUPA Listings	Lower	555, 0.105, SW
M116	VAUGN FLEMING	6149 CAMINO VERDE DR	RCRA NonGen / NLR	Lower	626, 0.119, SSW
Q117	RANCHO SANTA TERESA	286 SORRENTO WY	CUPA Listings, HAZMAT, CERS	Lower	649, 0.123, South

MAPPED SITES SUMMARY

Target Property Address:
250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q118	RANCHO SANTA TERESA	286 SORRENTO WAY	RCRA NonGen / NLR	Lower	649, 0.123, South
R119	OAKRIDGE GOLF CLUB	225 COTTLE RD	CUPA Listings	Lower	738, 0.140, WNW
120	PETER HUYNH	6134 ESCONDIDO COURT	RCRA NonGen / NLR	Higher	776, 0.147, SSE
S121	LAUREL SANCHEZ	6097 LARCHMONT DRIVE	RCRA NonGen / NLR	Lower	782, 0.148, WSW
R122	VILLAGE OF MARINEO A	100 PALM VALLEY BL	CUPA Listings, HAZMAT	Lower	814, 0.154, WNW
T123	THE FOOTHILLS APARTM	6161 COTTLE ROAD #L1	RCRA NonGen / NLR	Lower	849, 0.161, SSW
T124	FOOTHILL APARTMENTS	6184 COTTLE ROAD	RCRA NonGen / NLR	Lower	913, 0.173, SSW
T125	THE FOOTHILL APARTME	6166 COTTLE ROAD #5	RCRA NonGen / NLR	Lower	913, 0.173, SSW
T126	LOUIS JUAREZ	333 SPODE WAY	RCRA NonGen / NLR	Lower	1000, 0.189, SW
T127	DON MIZE	331 SPODE WAY	RCRA NonGen / NLR	Lower	1008, 0.191, SW
S128	GUADALUPE RODRIGUEZ	302 HENDERSON DR.	RCRA NonGen / NLR	Lower	1049, 0.199, WSW
129	VTA SANTA TERESA LIG	6340 SANTA TERESA BL	RCRA NonGen / NLR	Higher	1088, 0.206, SE
U130	VANESSA GUARDINI	264 LOS PALMOS	RCRA NonGen / NLR	Higher	1092, 0.207, SSE
U131	PROPERTY BUDDIES LLC	259 LOS PALMOS WAY	RCRA NonGen / NLR	Higher	1115, 0.211, SSE
V132	JACKIE SHOELLER	325 EL PORTAL WAY	RCRA NonGen / NLR	Lower	1192, 0.226, SSW
133	MINERVA GONZALES	305 EL PORTAL WAY	RCRA NonGen / NLR	Lower	1199, 0.227, South
V134	LISA HANSON	329 EL PORTAL WAY	RCRA NonGen / NLR	Lower	1207, 0.229, SSW
135	CYNTHIA AMADOR	340 SPODE WAY	RCRA NonGen / NLR	Lower	1256, 0.238, SW
136	GRIFFIN PROPERTY	724 1ST	HIST CORTESE	Lower	1271, 0.241, NNE
137	GARRETT REASE	6059 BIGLOW CT	RCRA NonGen / NLR	Lower	1283, 0.243, WSW
138	SANTA PALMIA	150 PALM VALLEY BL	CUPA Listings, HAZMAT, CERS	Lower	1292, 0.245, WNW
W139	PG E EDENVALE SERVIC	6402 SANTA TERESA BL	LUST, CPS-SLIC, HIST LUST, Cortese	Higher	1864, 0.353, ESE
W140	P G & E (EDENVALE SE	6402 SANTA TERESA BL	HIST LUST	Higher	1864, 0.353, ESE
W141	PG&E ESC-SITE 2	6402 SANTA TERESA BL	UST FINDER RELEASE	Higher	1864, 0.353, ESE
W142	PG&E ESC-SITE 2	6402 SANTA TERESA BL	LUST, CUPA Listings, HIST CORTESE, HWTS, HAZNET,...	Higher	1864, 0.353, ESE
X143	VOGUE CLEANERS	5732 COTTLE ROAD	CPS-SLIC, CERS	Lower	2020, 0.383, NNW
X144	INTERNATIONAL BUSINE	5600 COTTLE ROAD	CPS-SLIC, CHMIRS, CA BOND EXP. PLAN, EMI, CERS	Lower	2108, 0.399, NNW
X145	IBM-5600 COTTLE ROAD	5600 COTTLE	ENVIROSTOR, CPS-SLIC, DEED, Cortese, ENF, HIST...	Lower	2108, 0.399, NNW
146	COSTCO WHOLESALE WAR	6898 RALEIGH ROAD	ENVIROSTOR, VCP, CERS HAZ WASTE, CUPA Listings,...	Lower	2167, 0.410, NNE
147	GREGORIUS, BENEDICT	6362 NEPO	HIST CORTESE	Higher	2509, 0.475, South
148	GREAT OAKS MIXED USE	PERIMETER ROAD, WHIT	ENVIROSTOR, VCP, DEED	Higher	3169, 0.600, ENE
Y149	WESTERN DIGITAL TECH	5601 GREAT OAKS PARK	CORRACTS, RCRA-TSDF, RCRA-LQG, ENVIROSTOR, CHMIRS	Higher	3674, 0.696, NE
Y150	WESTERN DIGITAL TECH	5601 GREAT OAKS PKWY	EMI, ICE, HWP, HWTS, HAZNET, NPDES, CIWQS, CERS	Higher	3674, 0.696, NE
Y151	IBM CORPORATION	5601 GREAT OAKS PKWY	CUPA Listings, HWP, HAZMAT, CERS	Higher	3674, 0.696, NE
Y152	IBM CORPORATION	5601 GREAT OAKS PKWY	SEMS, CORRACTS, RCRA-TSDF, RCRA-SQG, HIST UST,...	Higher	3674, 0.696, NE
153	EXSIL, INC.	6541 VIA DEL ORO #C	ENVIROSTOR	Higher	4349, 0.824, ESE
154	CYBERNEX ADVANCED ST	6580-B VIA DEL ORO	RCRA-SQG, ENVIROSTOR, CPS-SLIC, HIST UST	Higher	5082, 0.962, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
KAISER PERMANENTE SA 250 HOSPITAL PKWY SAN JOSE, CA 95119	UST Database: UST, Date of Government Version: 09/05/2023 Facility Id: FA0208083	N/A
KAISER PERMANENTE SA 250 HOSPITAL PKWY SAN JOSE, CA 94612	HWTS HAZNET GEPAID: CAD082903642	N/A
1X KAISER FOUNDATION 250 HOSPITAL PARKWAY SAN JOSE, CA 95123	HWTS HAZNET GEPAID: CAD000328559	N/A
KAISER CAMINO VERDE 250 HOSPITAL PKWY SAN JOSE, CA 95119	CIWQS	N/A
SANTA TERESA COMMUNI 250 HOSPITAL PKWY. SAN JOSE, CA 95119	HWTS HAZNET GEPAID: CAX000044156	N/A
KAISER PERMANENTE ME 250 HOSPITAL PKWY SAN JOSE, CA 95119	RCRA-LQG EPA ID:: CAD082903642 HIST UST Facility Id: 00000007126 FINDS Registry ID:: 110000831253 ECHO Registry ID: 110000831253 EMI Facility Id: 3919 CERS	CAD082903642
KAISER FOUNDATION HO 250 HOSPITAL PARKWAY SAN JOSE, CA 95119	HWTS HAZNET GEPAID: CAX000102186	N/A
KAISER PERMANENTE SA 250 HOSPITAL PKWY SAN JOSE, CA 95119	CERS HAZ WASTE CERS TANKS CERS	N/A

EXECUTIVE SUMMARY

KAISER PERMANENTE SA 250 HOSPITAL PKWY SAN JOSE, CA 95119	UST FINDER	N/A
KAISER PERMANENTE SA 250 HOSPITAL PY SAN JOSE, CA 95119	CUPA Listings Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023 HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---- National Priority List
Proposed NPL ---- Proposed National Priority List Sites
NPL LIENS ---- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---- Federal Facility Site Information listing
SEMS ---- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---- Superfund Enterprise Management System Archive

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-VSQG ---- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System

US ENG CONTROLS Engineering Controls Sites List
US INST CONTROLS Institutional Controls Sites List

Federal ERNS list

ERNS Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST Underground Storage Tank Listing
AST Aboveground Petroleum Storage Tank Facilities
INDIAN UST Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT Waste Management Unit Database
SWRCY Recycler Database
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program

CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
MINES MRDS ---- Mineral Resources Data System
ABANDONED MINES ---- Abandoned Mines

DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
PFAS NPL ---- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---- Federal Sites PFAS Information
PFAS TRIS ---- List of PFAS Added to the TRI
PFAS TSCA ---- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS ECHO ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
PFAS ---- PFAS Contamination Site Location Listing
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing
CHROME PLATING ---- Chrome Plating Facilities Listing
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- Inspection, Compliance and Enforcement
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/04/2023 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTERN DIGITAL TECH EPA ID:: CAR000128793	***5601 GREAT OAKS PARK***	***NE 1/2 - 1 (0.696 mi.)***	***Y149***	***786***
IBM CORPORATION EPA ID:: CAD990843989	***5601 GREAT OAKS PKWY***	***NE 1/2 - 1 (0.696 mi.)***	***Y152***	***1120***

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/04/2023 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER UNOCAL 351571 EPA ID:: CAP000253823	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G75	462
RITE AID #5983 EPA ID:: CAR000146282	6215 SANTA TERESA BL	SSW 0 - 1/8 (0.074 mi.)	M90	500
PLAZA DE SANTA TERES	6133 CAMINO VERDE DR	SSW 0 - 1/8 (0.087 mi.)	N99	534

EXECUTIVE SUMMARY

EPA ID:: CAP000110361

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/23/2023 has revealed that there are 6 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREAT OAKS MIXED USE	***PERIMETER ROAD, WHIT***	***ENE 1/2 - 1 (0.600 mi.)***	***148***	***775***
Status: Certified O&M - Land Use Restrictions Only Facility Id: 60002251				
WESTERN DIGITAL TECH	***5601 GREAT OAKS PARK***	***NE 1/2 - 1 (0.696 mi.)***	***Y149***	***786***
Status: No Action Required Facility Id: 80001772				
EXSIL, INC.	6541 VIA DEL ORO #C	ESE 1/2 - 1 (0.824 mi.)	153	1245
Status: Inactive - Needs Evaluation Facility Id: 71002463				
CYBERNEX ADVANCED ST	***6580-B VIA DEL ORO***	***ESE 1/2 - 1 (0.962 mi.)***	***154***	***1246***
Status: Refer: Local Agency Facility Id: 71003064				

Lower Elevation	Address	Direction / Distance	Map ID	Page
IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X145***	***642***
Status: Refer: RWQCB Status: Refer: Other Agency Facility Id: 43350084 Facility Id: 71003199 Facility Id: 80001517				
COSTCO WHOLESALE WAR	***6898 RALEIGH ROAD***	***NNE 1/4 - 1/2 (0.410 mi.)***	***146***	***662***
Status: Certified O&M - Land Use Restrictions Only Facility Id: 60002294				

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG E EDENVALE SERVIC	***6402 SANTA TERESA BL***	***ESE 1/4 - 1/2 (0.353 mi.)***	***W139***	***620***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 1/17/1992

PG&E ESC-SITE 2	***6402 SANTA TERESA BL***	***ESE 1/4 - 1/2 (0.353 mi.)***	***W142***	***622***

Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Date Closed: 01/17/1992
SCVWD ID: 08S2E18G01F
SCVWD ID: 08S2E18G02F
Global Id: T0608501054

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON	***6096 COTTLE***	***SW 0 - 1/8 (0.017 mi.)***	***D41***	***271***

Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Date Closed: 09/25/2007
SCVWD ID: 08S2E18E01F
Global Id: T0608501820

CHEVRON #9-0038	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D44***	***298***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Remedial action (cleanup) Underway

UNOCAL #5995	***6211 SANTA TERESA BL***	***SW 0 - 1/8 (0.045 mi.)***	***G68***	***391***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Remedial action (cleanup) Underway
Facility Status: Case Closed
date9: 10/24/1991

UNOCAL #5995	***6211 SANTA TERESA BO***	***SW 0 - 1/8 (0.045 mi.)***	***G70***	***396***

Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Database: LUST, Date of Government Version: 09/05/2023
Status: Completed - Case Closed
Date Closed: 10/24/1991
SCVWD ID: 08S2E18M02F
SCVWD ID: 08S2E18M01F
Global Id: T0608590617
Global Id: T0608501533

EXECUTIVE SUMMARY

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 5 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG E EDENVALE SERVIC	***6402 SANTA TERESA BL***	***ESE 1/4 - 1/2 (0.353 mi.)***	***W139***	***620***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: 43S0804				

Lower Elevation	Address	Direction / Distance	Map ID	Page
PLAZA DE SANTA TERES	***6133 CAMINO VERDE DR***	***SSW 0 - 1/8 (0.087 mi.)***	***N105***	***544***
Database: CPS-SLIC, Date of Government Version: 09/05/2023 Global Id: T10000007121 Facility Status: Completed - Case Closed				
VOGUE CLEANERS	***5732 COTTLE ROAD***	***NNW 1/4 - 1/2 (0.383 mi.)***	***X143***	***629***
Database: CPS-SLIC, Date of Government Version: 09/05/2023 Global Id: T10000000610 Facility Status: Completed - Case Closed				
INTERNATIONAL BUSINE	***5600 COTTLE ROAD***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X144***	***631***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: 43S0056				
IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X145***	***642***
Database: CPS-SLIC, Date of Government Version: 09/05/2023 Global Id: SL720561211 Facility Status: Open - Eligible for Closure				

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 4 HIST LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG E EDENVALE SERVIC	***6402 SANTA TERESA BL***	***ESE 1/4 - 1/2 (0.353 mi.)***	***W139***	***620***
SCVWD ID: 08S2E18G02				
P G & E (EDENVALE SE	6402 SANTA TERESA BL	ESE 1/4 - 1/2 (0.353 mi.)	W140	621
SCVWD ID: 08S2E18G01				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-0038	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D44***	***298***
SCVWD ID: 08S2E18E01				
UNOCAL #5995	***6211 SANTA TERESA BL***	***SW 0 - 1/8 (0.045 mi.)***	***G68***	***391***
SCVWD ID: 08S2E18M01 SCVWD ID: 08S2E18M02				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA Database: UST, Date of Government Version: 09/05/2023 Facility Id: FA0700503	256 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	B17	246
KAISER SERVICE BLDG Database: UST, Date of Government Version: 09/05/2023 Facility Id: 406400	256 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	B21	249

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA TERESA CHEVRON Database: UST, Date of Government Version: 09/05/2023 Facility Id: FA0266694	6096 COTTLE RD	SW 0 - 1/8 (0.017 mi.)	D43	294
SANTA TERESA UNOCAL Database: UST, Date of Government Version: 09/05/2023 Facility Id: FA0210373	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G71	420

Lists of state and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/23/2023 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COSTCO WHOLESALE WAR Status: Certified O&M - Land Use Restrictions Only Facility Id: 60002294	***6898 RALEIGH ROAD***	***NNE 1/4 - 1/2 (0.410 mi.)***	***146***	***662***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/16/2023 has revealed that there

are 13 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	*256 INTERNATIONAL CI*	*0 - 1/8 (0.000 mi.)*	*B11*	*232*
KAISER PERMANENTE SA	*255 INTERNATIONAL CI*	*0 - 1/8 (0.000 mi.)*	*C26*	*252*
KAISER PERMANENTE SA	*276 INTERNATIONAL CI*	*SSE 0 - 1/8 (0.017 mi.)*	*F32*	*257*
KAISER PERMANENTE SA	*260 INTERNATIONAL CI*	*NE 0 - 1/8 (0.017 mi.)*	*C37*	*261*
KAISER PERMANENTE SA	*270 INTERNATIONAL CI*	*NE 0 - 1/8 (0.017 mi.)*	*C38*	*264*
KAISER PERMANENTE-SA	*275 HOSPITAL PY*	*NW 0 - 1/8 (0.026 mi.)*	*B56*	*373*

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-0038	*6096 COTTLE RD*	*SW 0 - 1/8 (0.017 mi.)*	*D44*	*298*
KAISER PERMANENTE-SJ	*280 HOSPITAL PY*	*WSW 0 - 1/8 (0.029 mi.)*	*I59*	*378*
SANTA TERESA UNOCAL	*6211 SANTA TERESA BL*	*SW 0 - 1/8 (0.045 mi.)*	*G72*	*423*
APARNA MENRAI DDS	*6128 CAMINO VERDE DR*	*S 0 - 1/8 (0.067 mi.)*	*J82*	*476*
KAISER PERMANENTE SA	*274 INTERNATIONAL*	*NW 0 - 1/8 (0.070 mi.)*	*L89*	*497*
RITE AID #5983	*6215 SANTA TERESA BL*	*SSW 0 - 1/8 (0.074 mi.)*	*M91*	*508*
PLAZA DE SANTA TERES	*6133 CAMINO VERDE DR*	*SSW 0 - 1/8 (0.087 mi.)*	*N105*	*544*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER SERVICE BLDG Status: A Tank Status: A Comp Number: 406400	*260 INTERNATIONAL CL*	*NE 0 - 1/8 (0.017 mi.)*	*C36*	*260*

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE (H Status: A Tank Status: A Comp Number: 403211	*250 HOSPITAL PY HIRI*	*0 - 1/8 (0.000 mi.)*	*A19*	*248*
CHEVRON #9-0038 Status: A Tank Status: A Comp Number: 400839	*6096 COTTLE RD*	*SW 0 - 1/8 (0.017 mi.)*	*D44*	*298*
SANTA TERESA UNOCAL Status: A Tank Status: A Comp Number: 400733	*6211 SANTA TERESA BL*	*SW 0 - 1/8 (0.045 mi.)*	*G72*	*423*

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
90038 Facility Id: 00000061694	6096 COTTLE RD	SW 0 - 1/8 (0.017 mi.)	D45	341
UNOCAL #5995 Facility Id: 00000060736	***6211 SANTA TERESA BL***	***SW 0 - 1/8 (0.045 mi.)***	***G68***	***391***
UNION OIL SS#5995 Facility Id: 00000021118	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G69	394

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/16/2023 has revealed that there are 3 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	***256 INTERNATIONAL CI***	***0 - 1/8 (0.000 mi.)***	***B11***	***232***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-0038	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D44***	***298***
SANTA TERESA UNOCAL	***6211 SANTA TERESA BL***	***SW 0 - 1/8 (0.045 mi.)***	***G72***	***423***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 08/28/2023 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
IBM-5600 COTTLE ROAD Status: OPEN - ELIGIBLE FOR CLOSURE Envirostor ID: SL720561211 Envirostor ID: T10000004324	***5600 COTTLE***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X145***	***642***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/04/2023 has revealed that

there are 39 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO EPA ID:: CAC003081528	275 HOSPITAL PARKWAY	NW 0 - 1/8 (0.026 mi.)	B55	371
SANTA TERESA APARTME EPA ID:: CAC002985932	6254 SANTA TERESA BL	SSE 0 - 1/8 (0.065 mi.)	K77	466
SANTA TERESA EPA ID:: CAC003045812	6254 SANTA TERESA BL	SSE 0 - 1/8 (0.065 mi.)	K78	468
SANTA TERESA APARTME EPA ID:: CAC003060994	6254 SANTA TERESA BL	SSE 0 - 1/8 (0.065 mi.)	K79	471
GOLDRICH KEST EPA ID:: CAC003103118	6254 SANTA TERESA BL	SSE 0 - 1/8 (0.065 mi.)	K80	473
JOHN SAGLIK EPA ID:: CAC003162972	6108 DEL ROBLES COUR	SSE 0 - 1/8 (0.087 mi.)	K98	531
SANTA TERESA APTS EPA ID:: CAC003157088	5967 LISKA LN	SE 0 - 1/8 (0.089 mi.)	O106	556
NATALIE JONES UNIT 2 EPA ID:: CAC003228004	5965 LISKA LANE	SE 0 - 1/8 (0.090 mi.)	O107	558
GOLDRICH KEST C/O SA EPA ID:: CAC003103486	5961 LISKA LANE #101	SE 0 - 1/8 (0.092 mi.)	O108	560
SANTA THERESA APTS. EPA ID:: CAC003136378	5929 LISKA LN.	SE 0 - 1/8 (0.104 mi.)	K111	563
GOLDRICH KEST C/O SA EPA ID:: CAC003104151	5931 LISKA LANE #205	SE 0 - 1/8 (0.104 mi.)	K112	565
PETER HUYNH EPA ID:: CAC003251108	6134 ESCONDIDO COURT	SSE 1/8 - 1/4 (0.147 mi.)	120	578
VTA SANTA TERESA LIG EPA ID:: CAC003177730	6340 SANTA TERESA BL	SE 1/8 - 1/4 (0.206 mi.)	129	596
VANESSA GUARDINI EPA ID:: CAC003120249	264 LOS PALMOS	SSE 1/8 - 1/4 (0.207 mi.)	U130	598
PROPERTY BUDDIES LLC EPA ID:: CAC003261633	259 LOS PALMOS WAY	SSE 1/8 - 1/4 (0.211 mi.)	U131	601

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9003 EPA ID:: CAR000116848	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D40***	***267***
R E O INC/SANTA TERE EPA ID:: CAL000212939	6096 COTTLE RD	SW 0 - 1/8 (0.017 mi.)	D48	343
WOLF CAMERA NO 959 EPA ID:: CAR000030320	***6221 SANTA TERESA BL***	***SSW 0 - 1/8 (0.025 mi.)***	***H49***	***345***
AMALIA ZACHER DVM DB EPA ID:: CAL000458757	6110 CAMINO VERDE DR	S 0 - 1/8 (0.039 mi.)	J63	382
7-ELEVEN 38459 EPA ID:: CAL000470530	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G64	384
7-ELEVEN, INC. EPA ID:: CAC003138286	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G65	386
NITESH SHELAR	6112 DEL CANTO DRIVE	SSE 0 - 1/8 (0.048 mi.)	76	464

EPA ID:: CAC003203919				
NATALIE K. PROVENZAN EPA ID:: CAL000360526	6128 CAMINO VERDE DR	S 0 - 1/8 (0.067 mi.)	J84	478
J&J CLEANERS EPA ID:: CAC003015899	6133 CAMINO VERDE DR	SSW 0 - 1/8 (0.087 mi.)	N100	536
J&J CLEANERS EPA ID:: CAL000446646	6133 CAMINO VERDE DR	SSW 0 - 1/8 (0.087 mi.)	N101	539
VAUGN FLEMING EPA ID:: CAC003105930	6149 CAMINO VERDE DR	SSW 0 - 1/8 (0.119 mi.)	M116	569
RANCHO SANTA TERESA EPA ID:: CAL000443276	286 SORRENTO WAY	S 0 - 1/8 (0.123 mi.)	Q118	575
LAUREL SANCHEZ EPA ID:: CAC002973017	6097 LARCHMONT DRIVE	WSW 1/8 - 1/4 (0.148 mi.)	S121	580
THE FOOTHILLS APARTM EPA ID:: CAC003188109	6161 COTTLE ROAD #L1	SSW 1/8 - 1/4 (0.161 mi.)	T123	583
FOOTHILL APARTMENTS EPA ID:: CAC002982570	6184 COTTLE ROAD	SSW 1/8 - 1/4 (0.173 mi.)	T124	585
THE FOOTHILL APARTME EPA ID:: CAC003119147	6166 COTTLE ROAD #5	SSW 1/8 - 1/4 (0.173 mi.)	T125	587
LOUIS JUAREZ EPA ID:: CAC003200652	333 SPODE WAY	SW 1/8 - 1/4 (0.189 mi.)	T126	589
DON MIZE EPA ID:: CAC002985169	331 SPODE WAY	SW 1/8 - 1/4 (0.191 mi.)	T127	592
GUADALUPE RODRIGUEZ EPA ID:: CAC003258402	302 HENDERSON DR.	WSW 1/8 - 1/4 (0.199 mi.)	S128	594
JACKIE SHOELLER EPA ID:: CAC003161363	325 EL PORTAL WAY	SSW 1/8 - 1/4 (0.226 mi.)	V132	603
MINERVA GONZALES EPA ID:: CAC003142575	305 EL PORTAL WAY	S 1/8 - 1/4 (0.227 mi.)	133	605
LISA HANSON EPA ID:: CAC003057529	329 EL PORTAL WAY	SSW 1/8 - 1/4 (0.229 mi.)	V134	607
CYNTHIA AMADOR EPA ID:: CAC003095963	340 SPODE WAY	SW 1/8 - 1/4 (0.238 mi.)	135	610
GARRETT REASE EPA ID:: CAC003023109	6059 BIGLOW CT	WSW 1/8 - 1/4 (0.243 mi.)	137	612

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 09/19/2023 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IBM CORPORATION EPA ID:: CAD990843989	***5601 GREAT OAKS PKWY***	***NE 1/2 - 1 (0.696 mi.)***	***Y152***	***1120***

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/03/2023 has revealed that there are 4 FINDS sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA Registry ID:: 110066119060	255 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	C12	241
KAISER PERMANENTE SA Registry ID:: 110065411824	258 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	B22	250
KAISER PERMANENTE SA Registry ID:: 110065016654	256 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	B25	251

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA Registry ID:: 110066131938	280 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	E24	251

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL BUSINE	***5600 COTTLE ROAD***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X144***	***631***

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/19/2023 has revealed that there are 5 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG E EDENVALE SERVIC Cleanup Status: COMPLETED - CASE CLOSED	***6402 SANTA TERESA BL***	***ESE 1/4 - 1/2 (0.353 mi.)***	***W139***	***620***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON Cleanup Status: COMPLETED - CASE CLOSED	***6096 COTTLE***	***SW 0 - 1/8 (0.017 mi.)***	***D41***	***271***
UNOCAL #5995 Cleanup Status: COMPLETED - CASE CLOSED	***6211 SANTA TERESA BL***	***SW 0 - 1/8 (0.045 mi.)***	***G68***	***391***
UNOCAL #5995	***6211 SANTA TERESA BO***	***SW 0 - 1/8 (0.045 mi.)***	***G70***	***396***

Cleanup Status: COMPLETED - CASE CLOSED

IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X145***	***642***

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 34 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	256 INTERNATIONAL CL	0 - 1/8 (0.000 mi.)	B15	244
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***258 INTERNATIONAL CL***	***0 - 1/8 (0.000 mi.)***	***B20***	***249***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***255 INTERNATIONAL CL***	***0 - 1/8 (0.000 mi.)***	***C27***	***254***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
GREAT OAKS WATER COM	275 INTERNATIONAL CL	SE 0 - 1/8 (0.005 mi.)	F29	256
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***276 INTERNATIONAL CL***	***SSE 0 - 1/8 (0.017 mi.)***	***F31***	***256***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	270 INTERNATIONAL CL	NE 0 - 1/8 (0.017 mi.)	C34	259
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER SERVICE BLDG	***260 INTERNATIONAL CL***	***NE 0 - 1/8 (0.017 mi.)***	***C36***	***260***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
VALLEY RADIOLOGIST M	***275 HOSPITAL PARKWAY***	***NW 0 - 1/8 (0.026 mi.)***	***B52***	***355***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***275 HOSPITAL PY***	***NW 0 - 1/8 (0.026 mi.)***	***B57***	***376***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION #900	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D42***	***282***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
CHEVRON #9-0038	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D44***	***298***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
WOLF CAMERA & VIDEO	6221 SANTA TERESA BL	SSW 0 - 1/8 (0.025 mi.)	H50	348
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
24 HOUR FITNESS	***6223 SANTA TERESA BL***	***SSW 0 - 1/8 (0.025 mi.)***	***H51***	***349***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***280 HOSPITAL PY***	***WSW 0 - 1/8 (0.029 mi.)***	***I59***	***378***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	280 HOSPITAL PY	WSW 0 - 1/8 (0.029 mi.)	I61	381
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
SANTA TERESA UNOCAL	***6211 SANTA TERESA BL***	***SW 0 - 1/8 (0.045 mi.)***	***G72***	***423***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
IA 062717 NATALIE K	6128 CAMINO VERDE A	S 0 - 1/8 (0.067 mi.)	J81	475
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
APARNA MENRAI DDS	***6128 CAMINO VERDE DR***	***S 0 - 1/8 (0.067 mi.)***	***J82***	***476***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
ANTHONY J ALLEGRETTI	6128 CAMINO VERDE DR	S 0 - 1/8 (0.067 mi.)	J83	477
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
RICHARD J GIUFFRIDA	6128 CAMINO VERDE DR	S 0 - 1/8 (0.067 mi.)	J85	480
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	274 INTERNATIONAL	NW 0 - 1/8 (0.070 mi.)	L87	496
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
RITE AID #5983	***6215 SANTA TERESA BL***	***SSW 0 - 1/8 (0.074 mi.)***	***M91***	***508***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
DARREL L KAUFFMAN MD	6134 CAMINO VERDE DR	S 0 - 1/8 (0.085 mi.)	J93	529
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
JASWINDER GHUMAN DDS	6134 CAMINO VERDE DR	S 0 - 1/8 (0.085 mi.)	J94	530
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
DR HO & DR LEE & ASS	6134 CAMINO VERDE DR	S 0 - 1/8 (0.085 mi.)	J95	530
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
MALLORY A STECHISIN	6134 CAMINO VERDE DR	S 0 - 1/8 (0.085 mi.)	J96	531
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
SANTA TERESA FAMILY	6134 CAMINO VERDE DR	S 0 - 1/8 (0.085 mi.)	J97	531
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
PLAZA DE SANTA TERES	***6133 CAMINO VERDE DR***	***SSW 0 - 1/8 (0.087 mi.)***	***N105***	***544***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
ARTISAN FAMILY DENTA	6140 CAMINO VERDE DR	S 0 - 1/8 (0.101 mi.)	N110	563
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KENTUCKY FRIED CHICK	6171 SANTA TERESA BL	SW 0 - 1/8 (0.105 mi.)	P115	568
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
RANCHO SANTA TERESA	***286 SORRENTO WY***	***S 0 - 1/8 (0.123 mi.)***	***Q117***	***571***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
OAKRIDGE GOLF CLUB	225 COTTLE RD	WNW 1/8 - 1/4 (0.140 mi.)	R119	577
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
VILLAGE OF MARINEO A	***100 PALM VALLEY BL***	***WNW 1/8 - 1/4 (0.154 mi.)***	***R122***	***582***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
SANTA PALMIA	***150 PALM VALLEY BL***	***WNW 1/8 - 1/4 (0.245 mi.)***	***138***	***614***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BONA'S CLEANERS	***6133 CAMINO VERDE DR***	***SSW 0 - 1/8 (0.087 mi.)***	***N103***	***541***
Database: DRYCLEANERS, Date of Government Version: 08/31/2023				

EPA Id: CAL000446646

PLAZA DE SANTA TERES ***6133 CAMINO VERDE DR*** ***SSW 0 - 1/8 (0.087 mi.)*** ***N105*** ***544***
Database: DRYCLEANERS, Date of Government Version: 08/31/2023
Database: DRYCLEAN BAY AREA DIST, Date of Government Version: 02/20/2019
EPA Id: CAL000167656
EPA Id: CAL000352042

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 6 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG&E ESC-SITE 2 Reg Id: 43-1060	***6402 SANTA TERESA BL***	***ESE 1/4 - 1/2 (0.353 mi.)***	***W142***	***622***
GREGORIUS, BENEDICT Reg Id: 6A189105N19	6362 NEPO	S 1/4 - 1/2 (0.475 mi.)	147	775

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON Reg Id: 43-1902	***6096 COTTLE***	***SW 0 - 1/8 (0.017 mi.)***	***D41***	***271***
UNOCAL #5995 Reg Id: 43-1573	***6211 SANTA TERESA BO***	***SW 0 - 1/8 (0.045 mi.)***	***G70***	***396***
GRIFFIN PROPERTY Reg Id: 43-2268	724 1ST	NNE 1/8 - 1/4 (0.241 mi.)	136	612
IBM-5600 COTTLE ROAD Reg Id: 2 438031N03	***5600 COTTLE***	***NNW 1/4 - 1/2 (0.399 mi.)***	***X145***	***642***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/14/2023 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTERN DIGITAL TECH EPA ID: CAR000128793 Cleanup Status: OPERATING PERMIT	***5601 GREAT OAKS PKWY***	***NE 1/2 - 1 (0.696 mi.)***	***Y150***	***923***
IBM CORPORATION EPA ID: CAD990843989 Cleanup Status: CLOSED	***5601 GREAT OAKS PKWY***	***NE 1/2 - 1 (0.696 mi.)***	***Y151***	***1108***

EXECUTIVE SUMMARY

HAZMAT: San Jose Hazmat Facilities.

A review of the HAZMAT list, as provided by EDR, and dated 11/03/2020 has revealed that there are 25 HAZMAT sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE (O File Num: 407678	256 INTERNATIONAL CL	0 - 1/8 (0.000 mi.)	B18	247
KAISER PERMANENTE-SJ File Num: 406400	***258 INTERNATIONAL CL***	***0 - 1/8 (0.000 mi.)***	***B20***	***249***
OUT OF BUSINESS (DUP File Num: 495509	256 INTERNATIONAL CL	0 - 1/8 (0.000 mi.)	B23	251
KAISER PERMANENTE-SJ File Num: 475210	***255 INTERNATIONAL CL***	***0 - 1/8 (0.000 mi.)***	***C27***	***254***
KAISER PERMANENTE-SJ File Num: 407688	***276 INTERNATIONAL CL***	***SSE 0 - 1/8 (0.017 mi.)***	***F31***	***256***
KAISER PERMANENTE (M File Num: 407687	270 INTERNATIONAL CL	NE 0 - 1/8 (0.017 mi.)	C33	259
KAISER PERMANENTE SJ File Num: 600406	260 INTERNATIONAL CL	NE 0 - 1/8 (0.017 mi.)	C35	260
KAISER PERMANENTE (M File Num: 402256	275 HOSPITAL PY HIRI	NW 0 - 1/8 (0.026 mi.)	B53	370
OUT OF BUSINESS File Num: 409211	275 HOSPITAL PY CA12	NW 0 - 1/8 (0.026 mi.)	B54	371
KAISER PERMANENTE-SJ File Num: 600869 File Num: 408369	***275 HOSPITAL PY***	***NW 0 - 1/8 (0.026 mi.)***	***B57***	***376***
SPRINT # SF606XC835 File Num: 410568	275 HOSPITAL PY ROOF	NW 0 - 1/8 (0.026 mi.)	B58	377

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE (H File Num: 403211	***250 HOSPITAL PY HIRI***	***0 - 1/8 (0.000 mi.)***	***A19***	***248***
CHEVRON #9-0038 File Num: 400839	***6096 COTTLE RD***	***SW 0 - 1/8 (0.017 mi.)***	***D44***	***298***
24 HOUR FITNESS File Num: 409421	***6223 SANTA TERESA BL***	***SSW 0 - 1/8 (0.025 mi.)***	***H51***	***349***
KAISER PERMANENTE (M File Num: 600073	280 HOSPITAL PY A, B	WSW 0 - 1/8 (0.029 mi.)	I60	381
UNOCAL #5995 File Num: 400733	***6211 SANTA TERESA BO***	***SW 0 - 1/8 (0.045 mi.)***	***G70***	***396***
ANTHONY A ALLEGRETTI File Num: 484919	***6128 CAMINO VERDE DR***	***S 0 - 1/8 (0.067 mi.)***	***J86***	***480***
KAISER PERMANANTE (S File Num: 407689	274 INTERNATIONAL CL	NW 0 - 1/8 (0.070 mi.)	L88	497
RITE AID #5983 File Num: 409914	***6215 SANTA TERESA BL***	***SSW 0 - 1/8 (0.074 mi.)***	***M91***	***508***
JAMES OTT DDS	***6134 CAMINO VERDE DR***	***S 0 - 1/8 (0.085 mi.)***	***J92***	***513***

File Num: 411239				
PLAZA DE SANTA TERES File Num: 496552	***6133 CAMINO VERDE DR***	***SSW 0 - 1/8 (0.087 mi.)***	***N105***	***544***
KENTUCKY FRIED CHICK File Num: 602791	6171 SANTA TERESA BL	SW 0 - 1/8 (0.105 mi.)	P114	568
RANCHO SANTA TERESA File Num: 400373	***286 SORRENTO WY***	***S 0 - 1/8 (0.123 mi.)***	***Q117***	***571***
VILLAGE OF MARINEO A File Num: 408848	***100 PALM VALLEY BL***	***WNW 1/8 - 1/4 (0.154 mi.)***	***R122***	***582***
SANTA PALMIA File Num: 602974	***150 PALM VALLEY BL***	***WNW 1/8 - 1/4 (0.245 mi.)***	***138***	***614***

CIWQS: The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

A review of the CIWQS list, as provided by EDR, and dated 08/28/2023 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA TERESA BRANCH	290 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	E28	255

CERS: The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

A review of the CERS list, as provided by EDR, and dated 10/16/2023 has revealed that there are 3 CERS sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	***256 INTERNATIONAL CI***	***0 - 1/8 (0.000 mi.)***	***B11***	***232***
KAISER PERMANENTE SA	258 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	B13	241
KAISER PERMANENTE SA	***255 INTERNATIONAL CI***	***0 - 1/8 (0.000 mi.)***	***C26***	***252***

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 4 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG&E ESC-SITE 2	6402 SANTA TERESA BL	ESE 1/4 - 1/2 (0.353 mi.)	W141	622

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-0038	6096 COTTLE ROAD	SW 0 - 1/8 (0.017 mi.)	D46	342

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5995	6211 SANTA TERESA BO	SW 0 - 1/8 (0.045 mi.)	G67	390
UNOCAL #5995	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G74	461

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there are 3 UST FINDER sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	256 INTERNATIONAL CI	0 - 1/8 (0.000 mi.)	B14	243

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA TERESA CHEVRON	6096 COTTLE RD	SW 0 - 1/8 (0.017 mi.)	D39	266
SANTA TERESA UNOCAL	6211 SANTA TERESA BL	SW 0 - 1/8 (0.045 mi.)	G66	388

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA TERESA CHEVRON	6090 COTTLE RD	0 - 1/8 (0.000 mi.)	D16	245
SANTA TERESA INC	6210 SANTA TERESA	SW 0 - 1/8 (0.012 mi.)	G30	256
SANTA TERESA CHEVRON	6096 COTTLE ROAD	SW 0 - 1/8 (0.017 mi.)	D47	342
PHINOS PHILLIPS 66 S	6101 CAMINO VERDE	SSW 0 - 1/8 (0.031 mi.)	H62	381
SANTA TERESA UNION I	6211 SANTA TERESA	SW 0 - 1/8 (0.045 mi.)	G73	460
SANTA TERESA CENTER	6140 CMINO VERDE DR	S 0 - 1/8 (0.101 mi.)	N109	562

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

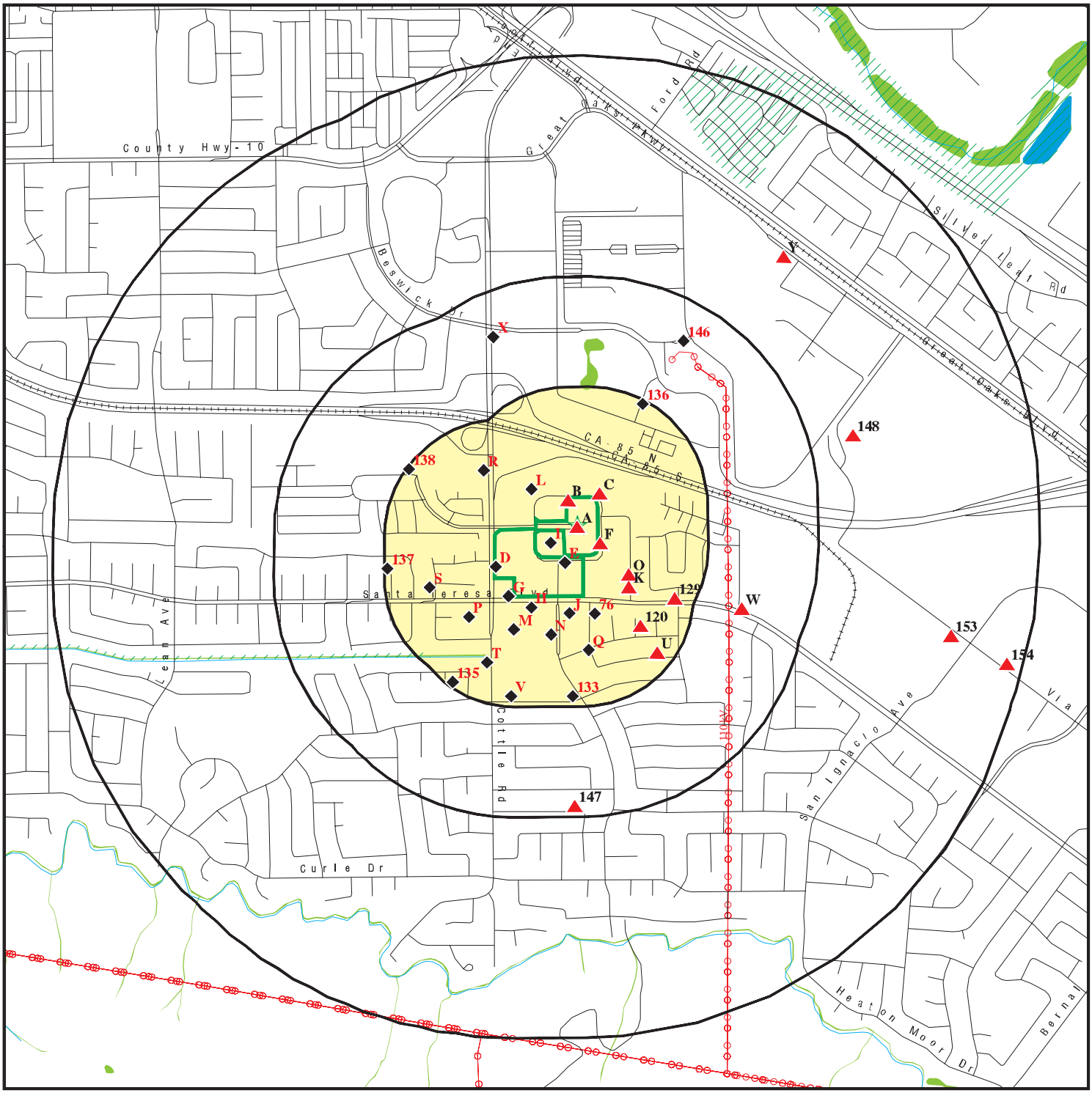
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEDDY BEAR WASH DRY	6135 CAMINO VERDE DR	SSW 0 - 1/8 (0.087 mi.)	N102	541
BONAS CLEANERS	6133 CAMINO VERDE DR	SSW 0 - 1/8 (0.087 mi.)	N104	543
DELAS CLEANERS	6193 SANTA TERESA BL	SW 0 - 1/8 (0.105 mi.)	P113	567

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7547154.1S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	San Jose Campus Master Planning	CLIENT:	Langan
ADDRESS:	250 Hospital Parkway San Jose CA 95119	CONTACT:	Peter Cusack
LAT/LONG:	37.239398 / 121.800323	INQUIRY #:	7547154.1s
		DATE:	January 22, 2024 5:59 pm

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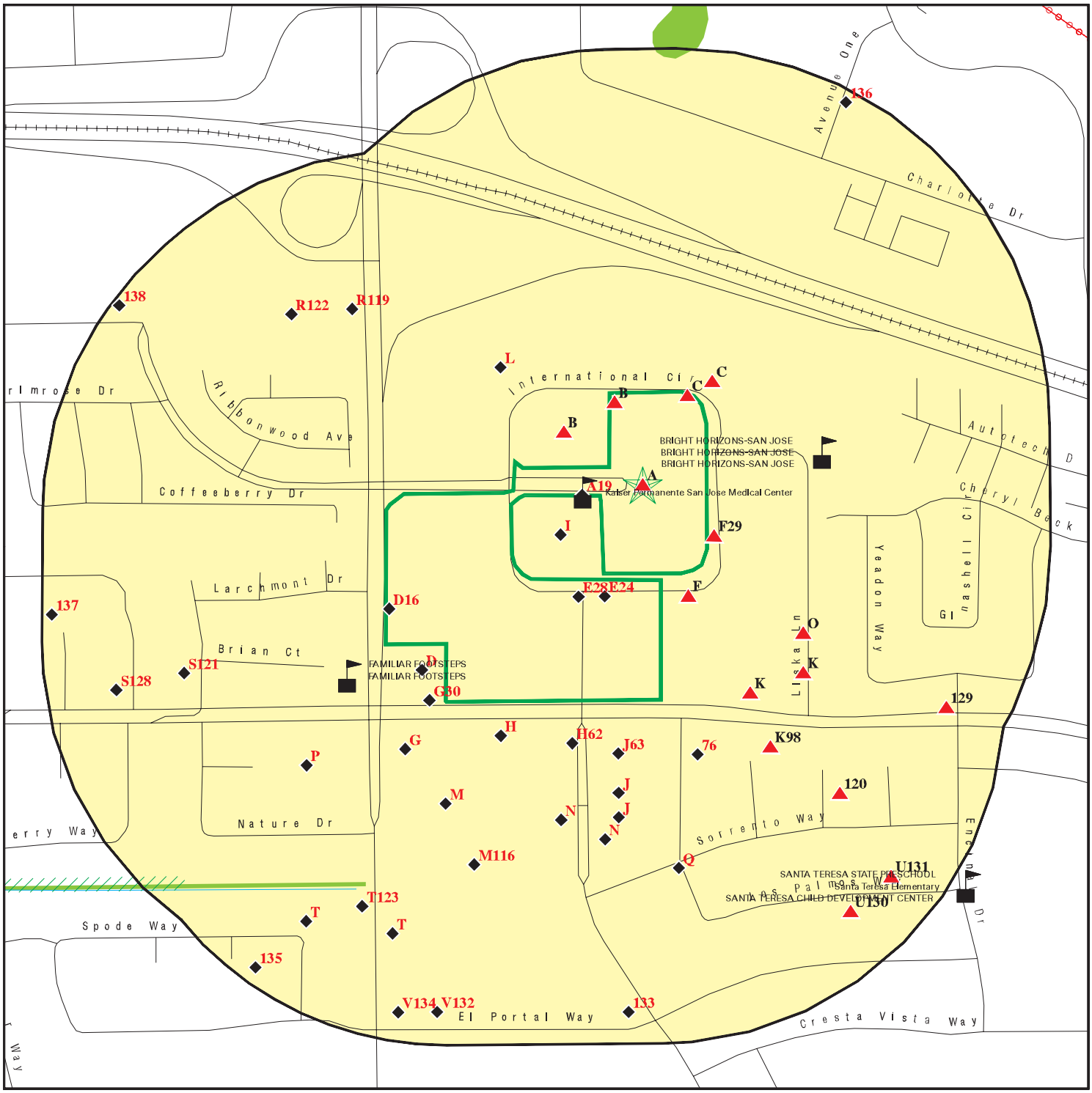
DETAIL MAP - 7547154.1S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	San Jose Campus Master Planning	CLIENT:	Langan
ADDRESS:	250 Hospital Parkway San Jose CA 95119	CONTACT:	Peter Cusack
LAT/LONG:	37.239398 / 121.800323	INQUIRY #:	7547154.1s
		DATE:	January 22, 2024 6:03 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	2	NR	2
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250	1	0	0	NR	NR	NR	1
RCRA-SQG	0.250		3	0	NR	NR	NR	3
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	2	4	NR	6
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		4	0	2	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	4	NR	NR	5
HIST LUST	0.500		2	0	2	NR	NR	4
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	4	0	NR	NR	NR	5
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	13	0	NR	NR	NR	14
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		4	0	NR	NR	NR	4
HIST UST	0.250	1	3	0	NR	NR	NR	4
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250	1	3	0	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		23	16	NR	NR	NR	39
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	4	NR	NR	NR	NR	5
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		3	0	2	NR	NR	5
CUPA Listings	0.250	1	31	3	NR	NR	NR	35
DRYCLEANERS	0.250		2	0	NR	NR	NR	2
EMI	0.001	1	0	NR	NR	NR	NR	1
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		2	1	3	NR	NR	6
HWP	1.000		0	0	0	2	NR	2
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001	5	0	NR	NR	NR	NR	5
HAZNET	0.001	4	0	NR	NR	NR	NR	4
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		23	2	NR	NR	NR	25
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	1	NR	NR	NR	NR	2
CERS	0.001	2	3	NR	NR	NR	NR	5
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		3	0	1	NR	NR	4
UST FINDER	0.250	1	3	0	NR	NR	NR	4
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		22	144	22	19	9	0	216

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **UST** **U004265027**
Target **250 HOSPITAL PKWY** **N/A**
Property **SAN JOSE, CA 95119**

Site 1 of 11 in cluster A

Actual:
192 ft.

UST:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0208083
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10120171
Latitude:	37.2392050
Longitude:	-121.800699
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	KAISER FOUNDATION HOSPITALS
Tank owner mailing address:	ONE KAISER PLAZA
Tank owner mailing city:	OAKLAND
Tank owner mailing zip:	94612
Tank owner mailing state:	CA
Tank operator name:	Kaiser Foundation Hospitals - ATTN: Keefe Fields
Tank operator mailing address:	250 HOSPITAL PKWY.
Tank operator mailing city:	SAN JOSE
Tank operator mailing zip:	95119
Tank operator mailing state:	CA
Tankidnumber:	HOSPITAL PARKWAY
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/23/1999 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	Not reported
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	Not reported
Latitude:	37.239205

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **U004265027**

Longitude:	-121.800699
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

A2 **KAISER PERMANENTE SAN JOSE HOSPITAL** **HWTS** **S113001945**
Target **250 HOSPITAL PKWY** **HAZNET** **N/A**
Property **SAN JOSE, CA 94612**

Site 2 of 11 in cluster A

Actual:
192 ft.

HWTS:

Name:	KAISER PERMANENTE SAN JOSE
Address:	250 HOSPITAL PKWY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD082903642
Inactive Date:	Not reported
Create Date:	07/23/1982
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OAKLAND, CA 946125103
Owner Name:	KAISER PERMANENTE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Owner Address:	ONE KAISER PLAZA
Owner Address 2:	Not reported
Owner City,State,Zip:	OAKLAND, CA 946123610
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MATTHEW HURAY
Contact Address:	1800 HARRISON ST
Contact Address 2:	Not reported
City,State,Zip:	OAKLAND, CA 94612
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.239467
Longitude:	-121.80209

NAICS:

EPA ID:	CAD082903642
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	62211
NAICS Description:	General Medical and Surgical Hospitals
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	Not reported
Facility Name:	KAISER PERMANENTE SAN JOSE HOSPITAL
Facility Address:	250 HOSPITAL PKWY
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951190000

HAZNET:

Name:	KAISER PERMANENTE SAN JOSE
Address:	250 HOSPITAL PKWY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951190000
Contact:	MATTHEW HURAY
Telephone:	3045200442
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	CAD059494310
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.068
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	CAD059494310
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Tons:	0.341
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	CAD982042475
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	1.61
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	CAD059494310
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.773
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	CAD059494310
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.049
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	CAD981382732
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.84
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	UTD981552177
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.361
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	UTD981552177
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	3.3575
Year:	2021
Gepaid:	CAD082903642
TSD EPA ID:	ARD069748192
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.195
Year:	2021
Gepaid:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSD EPA ID:	NED981723513
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	1.935

Click this hyperlink while viewing on your computer to access
518 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2021
Gen EPA ID:	CAD082903642
Shipment Date:	9/15/2020
Creation Date:	10/27/2020
Receipt Date:	10/4/2020
Manifest ID:	015536245FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	TXD055141378
Trans Name:	Clean Harbors Deer Park, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311,311,OUTS219 - Not reported
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/11/2020
Creation Date:	10/23/2020
Receipt Date:	9/23/2020
Manifest ID:	021925738JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/11/2020
Creation Date:	10/14/2020
Receipt Date:	9/24/2020
Manifest ID:	015535905FLE
Trans EPA ID:	MOD095038998
Trans Name:	Tri State Motor Transit
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD055141378
Trans Name:	Clean Harbors Deer Park, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311,OUTS219H - Not reported
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/11/2020
Creation Date:	10/9/2020
Receipt Date:	9/21/2020
Manifest ID:	021925791JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982042475
Trans Name:	RECOLOGY HAY ROAD
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/1/2020
Creation Date:	10/14/2020
Receipt Date:	9/24/2020

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest ID:	015170748FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	TXD055141378
Trans Name:	Clean Harbors Deer Park, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311,OUTS219H - Not reported
RCRA Code:	P001,P075,P081,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	8/4/2020
Creation Date:	8/31/2020
Receipt Date:	8/11/2020
Manifest ID:	015172796FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001,P075,P081,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.285
Waste Quantity:	570
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Waste Code Description:	311,551 - Not reported
RCRA Code:	D001,D004,D005,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1295
Waste Quantity:	259
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1235
Waste Quantity:	247
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.306
Waste Quantity:	612
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.144
Waste Quantity:	288
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAD082903642
Shipment Date:	9/15/2020
Creation Date:	10/27/2020
Receipt Date:	10/4/2020
Manifest ID:	015536245FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	TXD055141378
Trans Name:	Clean Harbors Deer Park, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311,311,OUTS219 - Not reported
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/11/2020
Creation Date:	10/14/2020

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Receipt Date:	9/24/2020
Manifest ID:	015535905FLE
Trans EPA ID:	MOD095038998
Trans Name:	Tri State Motor Transit
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD055141378
Trans Name:	Clean Harbors Deer Park, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311,OUTS219H - Not reported
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/11/2020
Creation Date:	10/9/2020
Receipt Date:	9/21/2020
Manifest ID:	021925791JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982042475
Trans Name:	RECOLOGY HAY ROAD
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/11/2020
Creation Date:	10/23/2020
Receipt Date:	9/23/2020
Manifest ID:	021925738JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/1/2020
Creation Date:	10/14/2020
Receipt Date:	9/24/2020
Manifest ID:	015170748FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	TXD055141378
Trans Name:	Clean Harbors Deer Park, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311,OUTS219H - Not reported
RCRA Code:	P001,P075,P081,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/4/2020
Creation Date:	8/31/2020
Receipt Date:	8/11/2020
Manifest ID:	015172796FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Tri State Motor Transit
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001,P075,P081,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.285
Waste Quantity:	570
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.144
Waste Quantity:	288
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001,D005,D007,
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1235
Waste Quantity:	247
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.306
Waste Quantity:	612
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	8/27/2020
Creation Date:	9/22/2020
Receipt Date:	9/2/2020
Manifest ID:	014225541FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	UTD981552177
Trans Name:	Clean Harbors Aragonite LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Shipment Date:	9/15/2020
Receipt Date:	10/4/2020
Manifest Number:	015536245FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Zip:	95119
Telephone:	800-483-3718
Contact:	Theophilus Little
Contact Telephone:	408-972-7000
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	TXD055141378
TSDF Name:	Clean Harbors Deer Park, LLC
TSDF Address 1:	2027 Independence Parkway South
TSDF Address 2:	Not reported
TSDF City:	La Porte
TSDF Zip:	77571
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D005

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D024
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D033
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U010

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U048

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U122

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U129
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U182
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U188
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U210
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237
Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U248

State:

Year:	2020
EM Manifest ID:	b79adba5-a3a9-4a97-9934-394a78b78897
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-15
Manifest Number:	015536245FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	9d2b3a25-8ca5-4e42-a390-334d8423ac25
Shipment Date:	9/11/2020
Receipt Date:	9/23/2020
Manifest Number:	021925738JJK
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SAN JOSE
Address:	HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119-0000
Telephone:	510-562-6181
Contact:	MICHAEL GONZALEZ
Contact Telephone:	408-478-0982
Transporter 1 EPA ID:	CAL000298854
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000183152
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD028409019
TSDF Name:	CROSBY & OVERTON
TSDF Address 1:	W. 17TH STREET
TSDF Address 2:	Not reported
TSDF City:	LONG BEACH
TSDF Zip:	90813-0000
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	9d2b3a25-8ca5-4e42-a390-334d8423ac25
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-11

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest Number: 021925738JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: D008

State:
Year: 2020
EM Manifest ID: 9d2b3a25-8ca5-4e42-a390-334d8423ac25
Generator EPA ID: CAD082903642
Shipment Date: 2020-09-11
Manifest Number: 021925738JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 181

Year: 2020
EM Manifest ID: e25ff55a-55f8-42c4-9f47-27ca9cb41171
Shipment Date: 9/1/2020
Receipt Date: 9/24/2020
Manifest Number: 015170748FLE
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SANTA TERESA
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: Theophilus Little
Contact Telephone: 408-972-7000
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: TXD055141378
TSDF Name: Clean Harbors Deer Park, LLC
TSDF Address 1: 2027 Independence Parkway South
TSDF Address 2: Not reported
TSDF City: La Porte
TSDF Zip: 77571
TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: e25ff55a-55f8-42c4-9f47-27ca9cb41171

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-01
Manifest Number:	015170748FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2020
EM Manifest ID:	e25ff55a-55f8-42c4-9f47-27ca9cb41171
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-01
Manifest Number:	015170748FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	e25ff55a-55f8-42c4-9f47-27ca9cb41171
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-01
Manifest Number:	015170748FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2020
EM Manifest ID:	e25ff55a-55f8-42c4-9f47-27ca9cb41171
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-01
Manifest Number:	015170748FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

State:

Year:	2020
EM Manifest ID:	e25ff55a-55f8-42c4-9f47-27ca9cb41171
Generator EPA ID:	CAD082903642
Shipment Date:	2020-09-01
Manifest Number:	015170748FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	b51ec2ba-2164-4f98-8ee9-0e6011220c10
Shipment Date:	8/4/2020
Receipt Date:	8/11/2020
Manifest Number:	015172796FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	John Karajanis
Contact Telephone:	408-972-7000
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	11600 North Aptus Road
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	b51ec2ba-2164-4f98-8ee9-0e6011220c10
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-04
Manifest Number:	015172796FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.28500
Quantity Waste:	570.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Federal Code:	P001
Year:	2020
EM Manifest ID:	b51ec2ba-2164-4f98-8ee9-0e6011220c10
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-04
Manifest Number:	015172796FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.28500
Quantity Waste:	570.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075
Year:	2020
EM Manifest ID:	b51ec2ba-2164-4f98-8ee9-0e6011220c10
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-04
Manifest Number:	015172796FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.28500
Quantity Waste:	570.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081
Year:	2020
EM Manifest ID:	b51ec2ba-2164-4f98-8ee9-0e6011220c10
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-04
Manifest Number:	015172796FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.28500
Quantity Waste:	570.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188
Year:	2020
EM Manifest ID:	b51ec2ba-2164-4f98-8ee9-0e6011220c10
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-04
Manifest Number:	015172796FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.28500
Quantity Waste:	570.000000
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: PHRM

State:
Year: 2020
EM Manifest ID: b51ec2ba-2164-4f98-8ee9-0e6011220c10
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-04
Manifest Number: 015172796FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.28500
Quantity Waste: 570.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Shipment Date: 8/27/2020
Receipt Date: 9/2/2020
Manifest Number: 014225541FLE
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SANTA TERESA
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: John Karajanis
Contact Telephone: 408-972-7000
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD981552177
TSDF Name: Clean Harbors Aragonite LLC
TSDF Address 1: 11600 North Aptus Road
TSDF Address 2: Not reported
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00150

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D004
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D005
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D024

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P042

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P046

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U010
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U026
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U059
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U115
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U117
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U122
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U129
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U154

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U165

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U182

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U187

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U188

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U206
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U210
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U236
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit: P
Number of Containers: 7
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: U248

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 3
Method Code: H040
Quantity Tons: 0.12350
Quantity Waste: 247.000000
Quantity Unit: P
Number of Containers: 25
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 3
Method Code: H040
Quantity Tons: 0.12350
Quantity Waste: 247.000000
Quantity Unit: P
Number of Containers: 25
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D005

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 3
Method Code: H040
Quantity Tons: 0.12350
Quantity Waste: 247.000000
Quantity Unit: P
Number of Containers: 25
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D007

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 3

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D024

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D033

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U010
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U048
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U122
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U129
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U182
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U188
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U210

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U248

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	D009
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D013
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D024
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D033
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U010
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U035

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U044

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U048

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U058

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U089

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U122

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U129

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U132
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U150
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U182
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U188
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U200
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U210
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U237
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U248
Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	5

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code: H040
Quantity Tons: 0.30600
Quantity Waste: 612.000000
Quantity Unit: P
Number of Containers: 18
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 5
Method Code: H040
Quantity Tons: 0.30600
Quantity Waste: 612.000000
Quantity Unit: P
Number of Containers: 18
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: F003

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 6
Method Code: H141
Quantity Tons: 0.00100
Quantity Waste: 2.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D009

State:
Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID: CAD082903642
Shipment Date: 2020-08-27
Manifest Number: 014225541FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00150
Quantity Waste: 3.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2020
EM Manifest ID: 4a0addc4-61f3-47e8-acfb-6f71ff537cfb

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.12950
Quantity Waste:	259.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.12350
Quantity Waste:	247.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.14400
Quantity Waste:	288.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	5
Method Code:	H040
Quantity Tons:	0.30600
Quantity Waste:	612.000000
Quantity Unit:	P
Number of Containers:	18
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	214

Year:	2020
EM Manifest ID:	4a0addc4-61f3-47e8-acfb-6f71ff537cfb
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-27
Manifest Number:	014225541FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Shipment Date:	8/18/2020
Receipt Date:	8/27/2020
Manifest Number:	015171279FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	John Karajanis
Contact Telephone:	408-972-7000
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000187922
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	11600 North Aptus Road
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Federal:

Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-18
Manifest Number:	015171279FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.32000
Quantity Waste:	640.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-18
Manifest Number:	015171279FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.32000
Quantity Waste:	640.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-18
Manifest Number:	015171279FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.32000
Quantity Waste:	640.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-18
Manifest Number:	015171279FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.32000
Quantity Waste:	640.000000
Quantity Unit:	P
Number of Containers:	40

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188
Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-18
Manifest Number:	015171279FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.32000
Quantity Waste:	640.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	PHRM

State:

Year:	2020
EM Manifest ID:	a56fc447-1d88-475e-90c7-122b21d3eab0
Generator EPA ID:	CAD082903642
Shipment Date:	2020-08-18
Manifest Number:	015171279FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.32000
Quantity Waste:	640.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	5031f527-1d28-4883-bb50-a1f6e3d7fae9
Shipment Date:	7/7/2020
Receipt Date:	7/17/2020
Manifest Number:	014449568FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	John Karajanis
Contact Telephone:	408-972-7000
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	11600 North Aptus Road

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSDF Address 2: Not reported
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: 5031f527-1d28-4883-bb50-a1f6e3d7fae9
Generator EPA ID: CAD082903642
Shipment Date: 2020-07-07
Manifest Number: 014449568FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.57500
Quantity Waste: 1150.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P001

Year: 2020
EM Manifest ID: 5031f527-1d28-4883-bb50-a1f6e3d7fae9
Generator EPA ID: CAD082903642
Shipment Date: 2020-07-07
Manifest Number: 014449568FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.57500
Quantity Waste: 1150.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P075

Year: 2020
EM Manifest ID: 5031f527-1d28-4883-bb50-a1f6e3d7fae9
Generator EPA ID: CAD082903642
Shipment Date: 2020-07-07
Manifest Number: 014449568FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.57500
Quantity Waste: 1150.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P081

Year: 2020
EM Manifest ID: 5031f527-1d28-4883-bb50-a1f6e3d7fae9
Generator EPA ID: CAD082903642
Shipment Date: 2020-07-07
Manifest Number: 014449568FLE
Line Number: 1
Method Code: H040

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Tons:	0.57500
Quantity Waste:	1150.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2020
EM Manifest ID:	5031f527-1d28-4883-bb50-a1f6e3d7fae9
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-07
Manifest Number:	014449568FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.57500
Quantity Waste:	1150.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	PHARMS

State:

Year:	2020
EM Manifest ID:	5031f527-1d28-4883-bb50-a1f6e3d7fae9
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-07
Manifest Number:	014449568FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.57500
Quantity Waste:	1150.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Shipment Date:	7/21/2020
Receipt Date:	8/6/2020
Manifest Number:	014447333FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	John Karajanis
Contact Telephone:	408-972-7000
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	11600 North Aptus Road
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-21
Manifest Number:	014447333FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	35
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-21
Manifest Number:	014447333FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	35
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-21
Manifest Number:	014447333FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	35
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2020-07-21
Manifest Number:	014447333FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	35
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-21
Manifest Number:	014447333FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	35
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	PHRM

State:

Year:	2020
EM Manifest ID:	c6ca3479-d775-4ec3-8d30-001f14866830
Generator EPA ID:	CAD082903642
Shipment Date:	2020-07-21
Manifest Number:	014447333FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	35
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	8d22272c-e969-49ca-a02f-ae6257035809
Shipment Date:	6/9/2020
Receipt Date:	6/22/2020
Manifest Number:	014191652FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE
Address:	260 INTERNATIONAL CIRCLE
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Javier Layna

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Contact Telephone:	408-599-0787
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	11600 North Aptus Road
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	8d22272c-e969-49ca-a02f-ae6257035809
Generator EPA ID:	CAD082903642
Shipment Date:	2020-06-09
Manifest Number:	014191652FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.09500
Quantity Waste:	190.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2020
EM Manifest ID:	8d22272c-e969-49ca-a02f-ae6257035809
Generator EPA ID:	CAD082903642
Shipment Date:	2020-06-09
Manifest Number:	014191652FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.09500
Quantity Waste:	190.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	8d22272c-e969-49ca-a02f-ae6257035809
Generator EPA ID:	CAD082903642
Shipment Date:	2020-06-09
Manifest Number:	014191652FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.09500
Quantity Waste:	190.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year: 2020
EM Manifest ID: 8d22272c-e969-49ca-a02f-ae6257035809
Generator EPA ID: CAD082903642
Shipment Date: 2020-06-09
Manifest Number: 014191652FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.09500
Quantity Waste: 190.000000
Quantity Unit: P
Number of Containers: 16
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P188

Year: 2020
EM Manifest ID: 8d22272c-e969-49ca-a02f-ae6257035809
Generator EPA ID: CAD082903642
Shipment Date: 2020-06-09
Manifest Number: 014191652FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.09500
Quantity Waste: 190.000000
Quantity Unit: P
Number of Containers: 16
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: PHARMS

State:
Year: 2020
EM Manifest ID: 8d22272c-e969-49ca-a02f-ae6257035809
Generator EPA ID: CAD082903642
Shipment Date: 2020-06-09
Manifest Number: 014191652FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.09500
Quantity Waste: 190.000000
Quantity Unit: P
Number of Containers: 16
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Year: 2020
EM Manifest ID: a9f98332-1800-4227-aff6-d1acb2ac2cb3
Shipment Date: 6/2/2020
Receipt Date: 6/15/2020
Manifest Number: 014449191FLE
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SANTA TERESA
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City: SAN JOSE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Zip:	95119
Telephone:	800-483-3718
Contact:	John Karajanis
Contact Telephone:	408-972-7000
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	11600 North Aptus Road
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	a9f98332-1800-4227-aff6-d1acb2ac2cb3
Generator EPA ID:	CAD082903642
Shipment Date:	2020-06-02
Manifest Number:	014449191FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2020
EM Manifest ID:	a9f98332-1800-4227-aff6-d1acb2ac2cb3
Generator EPA ID:	CAD082903642
Shipment Date:	2020-06-02
Manifest Number:	014449191FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2020
EM Manifest ID:	a9f98332-1800-4227-aff6-d1acb2ac2cb3
Generator EPA ID:	CAD082903642
Shipment Date:	2020-06-02
Manifest Number:	014449191FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	38

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P081

Year: 2020
EM Manifest ID: a9f98332-1800-4227-aff6-d1acb2ac2cb3
Generator EPA ID: CAD082903642
Shipment Date: 2020-06-02
Manifest Number: 014449191FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.20000
Quantity Waste: 400.000000
Quantity Unit: P
Number of Containers: 38
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P188

Year: 2020
EM Manifest ID: a9f98332-1800-4227-aff6-d1acb2ac2cb3
Generator EPA ID: CAD082903642
Shipment Date: 2020-06-02
Manifest Number: 014449191FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.20000
Quantity Waste: 400.000000
Quantity Unit: P
Number of Containers: 38
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: PHARMS

State:
Year: 2020
EM Manifest ID: a9f98332-1800-4227-aff6-d1acb2ac2cb3
Generator EPA ID: CAD082903642
Shipment Date: 2020-06-02
Manifest Number: 014449191FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.20000
Quantity Waste: 400.000000
Quantity Unit: P
Number of Containers: 38
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Detail Two:
Year: 2019
EM Manifest ID: 659634
Shipment Date: 9/3/2019
Receipt Date: 9/24/2019

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest Number:	013900366FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	659634
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-03
Manifest Number:	013900366FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.35000
Quantity Waste:	700.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	659634
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-03
Manifest Number:	013900366FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.35000
Quantity Waste:	700.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2019
EM Manifest ID:	659634
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-03
Manifest Number:	013900366FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Line Number:	1
Method Code:	H040
Quantity Tons:	0.35000
Quantity Waste:	700.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2019
EM Manifest ID:	659634
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-03
Manifest Number:	013900366FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.35000
Quantity Waste:	700.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2019
EM Manifest ID:	659634
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-03
Manifest Number:	013900366FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.35000
Quantity Waste:	700.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

State:

Year:	2019
EM Manifest ID:	659634
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-03
Manifest Number:	013900366FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.35000
Quantity Waste:	700.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2019
EM Manifest ID:	659574
Shipment Date:	9/20/2019
Receipt Date:	9/26/2019
Manifest Number:	013893998FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE
Address:	260 INTERNATIONAL CIRCLE
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Javier Layna
Contact Telephone:	408-599-0787
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005

Year:	2019

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D009

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Federal Code:	D011
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D013
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D024
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D033
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	PHARMS

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U010

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U035

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U044

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U048

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U058

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U089

Year:	2019

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U122

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U129

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U132

Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Federal Code:	U150
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U182
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U188
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U200
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U210

Year: 2019
EM Manifest ID: 659574
Generator EPA ID: CAD082903642
Shipment Date: 2019-09-20
Manifest Number: 013893998FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.12700
Quantity Waste: 254.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U237

Year: 2019
EM Manifest ID: 659574
Generator EPA ID: CAD082903642
Shipment Date: 2019-09-20
Manifest Number: 013893998FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.12700
Quantity Waste: 254.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U248

Year: 2019
EM Manifest ID: 659574
Generator EPA ID: CAD082903642
Shipment Date: 2019-09-20
Manifest Number: 013893998FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.04450
Quantity Waste: 89.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: D001

State:
Year: 2019
EM Manifest ID: 659574
Generator EPA ID: CAD082903642
Shipment Date: 2019-09-20
Manifest Number: 013893998FLE
Line Number: 1

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H141
Quantity Tons:	0.12700
Quantity Waste:	254.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.04450
Quantity Waste:	89.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01750
Quantity Waste:	35.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.04350
Quantity Waste:	87.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223
Year:	2019
EM Manifest ID:	659574
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2019-09-20
Manifest Number:	013893998FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.04350
Quantity Waste:	87.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	659779
Shipment Date:	9/17/2019
Receipt Date:	9/25/2019
Manifest Number:	013901159FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	659779
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-17
Manifest Number:	013901159FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	659779
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2019-09-17
Manifest Number:	013901159FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2019
EM Manifest ID:	659779
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-17
Manifest Number:	013901159FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2019
EM Manifest ID:	659779
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-17
Manifest Number:	013901159FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2019
EM Manifest ID:	659779
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-17
Manifest Number:	013901159FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

State:

Year:	2019
EM Manifest ID:	659779
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-17
Manifest Number:	013901159FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2019
EM Manifest ID:	642895
Shipment Date:	9/10/2019
Receipt Date:	9/19/2019
Manifest Number:	013900653FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE
Address:	260 INTERNATIONAL CIRCLE
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Javier Layna
Contact Telephone:	408-599-0787
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P
Number of Containers:	37
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Federal Code:	P001
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P
Number of Containers:	37
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P
Number of Containers:	37
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P
Number of Containers:	37
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Number of Containers:	37
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081
Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	2
Method Code:	H040

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188

Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002

State:

Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P
Number of Containers:	37
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2019
EM Manifest ID:	642895
Generator EPA ID:	CAD082903642
Shipment Date:	2019-09-10
Manifest Number:	013900653FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2019
EM Manifest ID:	577014

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	8/6/2019
Receipt Date:	8/26/2019
Manifest Number:	013840130FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	Clean Harbors Environmental Services, Inc.
TSDF Address 1:	2247 South Highway 71
TSDF Address 2:	Not reported
TSDF City:	Kimball
TSDF Zip:	69145
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	577014
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840130FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	557955
Shipment Date:	8/6/2019
Receipt Date:	8/16/2019
Manifest Number:	013840129FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD981552177
TSDF Name: Clean Harbors Aragonite LLC
TSDF Address 1: PO Box 1339
TSDF Address 2: Not reported
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

Federal:
Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-06
Manifest Number: 013840129FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.31000
Quantity Waste: 620.000000
Quantity Unit: P
Number of Containers: 42
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-06
Manifest Number: 013840129FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.31000
Quantity Waste: 620.000000
Quantity Unit: P
Number of Containers: 42
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D005

Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-06
Manifest Number: 013840129FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.31000
Quantity Waste: 620.000000
Quantity Unit: P
Number of Containers: 42
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D007

Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D024

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D033

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	P075
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U010
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U048
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U122
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U129
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U182

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U188

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U210

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237

Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.31000
Quantity Waste:	620.000000
Quantity Unit:	P
Number of Containers:	42
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U248
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.12600
Quantity Waste:	35.000000
Quantity Unit:	G
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D001
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.12600
Quantity Waste:	35.000000
Quantity Unit:	G
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	F003
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.00600
Quantity Waste:	12.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	557955
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-06
Manifest Number:	013840129FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.00600
Quantity Waste:	12.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D011

State:
Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-06
Manifest Number: 013840129FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.31000
Quantity Waste: 620.000000
Quantity Unit: P
Number of Containers: 42
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-06
Manifest Number: 013840129FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.12600
Quantity Waste: 35.000000
Quantity Unit: G
Number of Containers: 7
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 214

Year: 2019
EM Manifest ID: 557955
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-06
Manifest Number: 013840129FLE
Line Number: 3
Method Code: H040
Quantity Tons: 0.00600
Quantity Waste: 12.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 322

Year: 2019
EM Manifest ID: 606696
Shipment Date: 8/20/2019
Receipt Date: 9/2/2019

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest Number:	010363353FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	606696
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-20
Manifest Number:	010363353FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.26000
Quantity Waste:	520.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	606696
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-20
Manifest Number:	010363353FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.26000
Quantity Waste:	520.000000
Quantity Unit:	P
Number of Containers:	40
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2019
EM Manifest ID:	606696
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-20
Manifest Number:	010363353FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Line Number: 1
Method Code: H040
Quantity Tons: 0.26000
Quantity Waste: 520.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P081

Year: 2019
EM Manifest ID: 606696
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-20
Manifest Number: 010363353FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.26000
Quantity Waste: 520.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P188

Year: 2019
EM Manifest ID: 606696
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-20
Manifest Number: 010363353FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.26000
Quantity Waste: 520.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: U002

State:
Year: 2019
EM Manifest ID: 606696
Generator EPA ID: CAD082903642
Shipment Date: 2019-08-20
Manifest Number: 010363353FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.26000
Quantity Waste: 520.000000
Quantity Unit: P
Number of Containers: 40
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2019
EM Manifest ID:	554725
Shipment Date:	8/13/2019
Receipt Date:	8/21/2019
Manifest Number:	013234029FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE
Address:	260 INTERNATIONAL CIRCLE
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Javier Layna
Contact Telephone:	408-599-0787
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	554725
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-13
Manifest Number:	013234029FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	554725
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-13
Manifest Number:	013234029FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075

Year:	2019

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

EM Manifest ID:	554725
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-13
Manifest Number:	013234029FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081

Year:	2019
EM Manifest ID:	554725
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-13
Manifest Number:	013234029FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2019
EM Manifest ID:	554725
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-13
Manifest Number:	013234029FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

State:

Year:	2019
EM Manifest ID:	554725
Generator EPA ID:	CAD082903642
Shipment Date:	2019-08-13
Manifest Number:	013234029FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.43750
Quantity Waste:	875.000000
Quantity Unit:	P
Number of Containers:	38
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	504391
Shipment Date:	7/9/2019
Receipt Date:	7/18/2019
Manifest Number:	013235664FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE
Address:	260 INTERNATIONAL CIRCLE
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Javier Layna
Contact Telephone:	408-599-0787
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	504391
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-09
Manifest Number:	013235664FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.27500
Quantity Waste:	550.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001
Year:	2019
EM Manifest ID:	504391
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-09
Manifest Number:	013235664FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.27500
Quantity Waste:	550.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type: Pounds
Federal Code: P075

Year: 2019
EM Manifest ID: 504391
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-09
Manifest Number: 013235664FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.27500
Quantity Waste: 550.000000
Quantity Unit: P
Number of Containers: 30
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P081

Year: 2019
EM Manifest ID: 504391
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-09
Manifest Number: 013235664FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.27500
Quantity Waste: 550.000000
Quantity Unit: P
Number of Containers: 30
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: P188

Year: 2019
EM Manifest ID: 504391
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-09
Manifest Number: 013235664FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.27500
Quantity Waste: 550.000000
Quantity Unit: P
Number of Containers: 30
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: U002

State:
Year: 2019
EM Manifest ID: 504391
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-09
Manifest Number: 013235664FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.27500

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	550.000000
Quantity Unit:	P
Number of Containers:	30
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Shipment Date:	7/2/2019
Receipt Date:	7/8/2019
Manifest Number:	011593815FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00550
Quantity Waste:	11.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00550

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	11.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D009

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D013

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D024

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D033

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U010
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U035
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U044
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U048
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U058

Year: 2019
EM Manifest ID: dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-02
Manifest Number: 011593815FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.17500
Quantity Waste: 350.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U089

Year: 2019
EM Manifest ID: dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-02
Manifest Number: 011593815FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.17500
Quantity Waste: 350.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U122

Year: 2019
EM Manifest ID: dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-02
Manifest Number: 011593815FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.17500
Quantity Waste: 350.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: U129

Year: 2019
EM Manifest ID: dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID: CAD082903642
Shipment Date: 2019-07-02
Manifest Number: 011593815FLE
Line Number: 2

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U132
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U150
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U182
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U188
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U200

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U210

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U237

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U248

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.17300
Quantity Waste:	346.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.80000
Quantity Waste:	1600.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00550
Quantity Waste:	11.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.17500
Quantity Waste:	350.000000
Quantity Unit:	P
Number of Containers:	1

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.17300
Quantity Waste:	346.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.17300
Quantity Waste:	346.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.80000
Quantity Waste:	1600.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	213
Year:	2019
EM Manifest ID:	dc821edc-726b-4501-8212-3e590ab9fac4
Generator EPA ID:	CAD082903642
Shipment Date:	2019-07-02
Manifest Number:	011593815FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.80000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	1600.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	551

Detail Two:

Year:	2018
EM Manifest ID:	151238
Shipment Date:	9/6/2018
Receipt Date:	9/18/2018
Manifest Number:	012561754FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D009
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D013

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D024

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D033

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	P188
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U010
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U035
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U044
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U048
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U058
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U089
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U122
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U129
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U132
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U150
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U182

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U188

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U200

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U210

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U237

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U248

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	D005
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D024
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D033
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U010

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U048

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U122
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U129
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U182
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U188
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U210
Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U248

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F003

State:

Year:	2018
EM Manifest ID:	151238

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.46200
Quantity Waste:	924.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	151238
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-06
Manifest Number:	012561754FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	214

Year:	2018
EM Manifest ID:	146236
Shipment Date:	9/4/2018
Receipt Date:	9/17/2018
Manifest Number:	012606595FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	146236
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-04
Manifest Number:	012606595FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

Year:	2018
EM Manifest ID:	146236
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-04
Manifest Number:	012606595FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075

Year:	2018
EM Manifest ID:	146236
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-04
Manifest Number:	012606595FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2018
EM Manifest ID:	146236
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-04
Manifest Number:	012606595FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188

Year:	2018
EM Manifest ID:	146236
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-04
Manifest Number:	012606595FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002

State:

Year:	2018
EM Manifest ID:	146236
Generator EPA ID:	CAD082903642
Shipment Date:	2018-09-04
Manifest Number:	012606595FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.20000
Quantity Waste:	400.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	74147
Shipment Date:	8/7/2018
Receipt Date:	8/17/2018
Manifest Number:	012554813FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.75350
Quantity Waste:	1507.000000
Quantity Unit:	P
Number of Containers:	19
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.75350
Quantity Waste:	1507.000000
Quantity Unit:	P
Number of Containers:	19
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075

Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.75350
Quantity Waste:	1507.000000
Quantity Unit:	P
Number of Containers:	19

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.75350
Quantity Waste:	1507.000000
Quantity Unit:	P
Number of Containers:	19
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.75350
Quantity Waste:	1507.000000
Quantity Unit:	P
Number of Containers:	19
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.18150
Quantity Waste:	363.000000
Quantity Unit:	P
Number of Containers:	13
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.18150

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	363.000000
Quantity Unit:	P
Number of Containers:	13
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.18150
Quantity Waste:	363.000000
Quantity Unit:	P
Number of Containers:	13
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.18150
Quantity Waste:	363.000000
Quantity Unit:	P
Number of Containers:	13
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.18150
Quantity Waste:	363.000000
Quantity Unit:	P
Number of Containers:	13
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Line Number:	4
Method Code:	H040
Quantity Tons:	0.03800
Quantity Waste:	76.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.03800
Quantity Waste:	76.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F003
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	5
Method Code:	H040
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	5
Method Code:	H040
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

State:
Year: 2018

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.04900
Quantity Waste:	98.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	2
Method Code:	H040
Quantity Tons:	0.75350
Quantity Waste:	1507.000000
Quantity Unit:	P
Number of Containers:	19
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	3
Method Code:	H040
Quantity Tons:	0.18150
Quantity Waste:	363.000000
Quantity Unit:	P
Number of Containers:	13
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	74147
Generator EPA ID:	CAD082903642
Shipment Date:	2018-08-07
Manifest Number:	012554813FLE
Line Number:	4
Method Code:	H040
Quantity Tons:	0.03800
Quantity Waste:	76.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

State Code: 214

Year: 2018
EM Manifest ID: 74147
Generator EPA ID: CAD082903642
Shipment Date: 2018-08-07
Manifest Number: 012554813FLE
Line Number: 5
Method Code: H040
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 322

Year: 2018
EM Manifest ID: 103723
Shipment Date: 7/6/2018
Receipt Date: 8/2/2018
Manifest Number: 012237967FLE
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SANTA TERESA
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: Michael Gonzalez
Contact Telephone: 408-972-6738
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD044429835
TSDF Name: Clean Harbors Wilmington LLC
TSDF Address 1: 1737 East Denni Street
TSDF Address 2: Not reported
TSDF City: Wilmington
TSDF Zip: 90744
TSDF Telephone: 800-483-3718

State:
Year: 2018
EM Manifest ID: 103723
Generator EPA ID: CAD082903642
Shipment Date: 2018-07-06
Manifest Number: 012237967FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.07600
Quantity Waste: 20.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

State Code: 221

Year: 2018
EM Manifest ID: 103723
Generator EPA ID: CAD082903642
Shipment Date: 2018-07-06
Manifest Number: 012237967FLE
Line Number: 2
Method Code: H141
Quantity Tons: 1.45950
Quantity Waste: 350.000000
Quantity Unit: G
Number of Containers: 9
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
State Code: 223

Year: 2018
EM Manifest ID: 103723
Generator EPA ID: CAD082903642
Shipment Date: 2018-07-06
Manifest Number: 012237967FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.04750
Quantity Waste: 95.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 223

Year: 2018
EM Manifest ID: 103723
Generator EPA ID: CAD082903642
Shipment Date: 2018-07-06
Manifest Number: 012237967FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.04750
Quantity Waste: 95.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2018
EM Manifest ID: 77940
Shipment Date: 7/3/2018
Receipt Date: 7/10/2018
Manifest Number: 011912888FLE
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SANTA TERESA
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02350
Quantity Waste:	47.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02350
Quantity Waste:	47.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.48950
Quantity Waste:	979.000000
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Number of Containers:	16
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.48950
Quantity Waste:	979.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.48950
Quantity Waste:	979.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.48950
Quantity Waste:	979.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	2
Method Code:	H141

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Tons:	0.48950
Quantity Waste:	979.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U002
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03300
Quantity Waste:	66.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P001
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03300
Quantity Waste:	66.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P075
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03300
Quantity Waste:	66.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P081
Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest Number:	011912888FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03300
Quantity Waste:	66.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	P188

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03300
Quantity Waste:	66.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U002

State:

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02350
Quantity Waste:	47.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.48950
Quantity Waste:	979.000000
Quantity Unit:	P
Number of Containers:	16
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2018
EM Manifest ID:	77940
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-03
Manifest Number:	011912888FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03300
Quantity Waste:	66.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	105267
Shipment Date:	7/23/2018
Receipt Date:	8/1/2018
Manifest Number:	012238213FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Michael Gonzalez
Contact Telephone:	408-972-6738
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	Clean Harbors Aragonite LLC
TSDF Address 1:	PO Box 1339
TSDF Address 2:	Not reported
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	105267
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-23
Manifest Number:	012238213FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Year:	2018
EM Manifest ID:	105267
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-23
Manifest Number:	012238213FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075

Year:	2018
EM Manifest ID:	105267
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-23
Manifest Number:	012238213FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P081

Year:	2018
EM Manifest ID:	105267
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-23
Manifest Number:	012238213FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P188

Year:	2018
EM Manifest ID:	105267
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-23
Manifest Number:	012238213FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Type:	Pounds
Federal Code:	U002

State:

Year:	2018
EM Manifest ID:	105267
Generator EPA ID:	CAD082903642
Shipment Date:	2018-07-23
Manifest Number:	012238213FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2018
EM Manifest ID:	011912830FLE20180605_D_1
Shipment Date:	6/5/2018
Receipt Date:	6/12/2018
Manifest Number:	011912830FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE SANTA TERESA
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	011912830FLE20180605_D_1
Generator EPA ID:	CAD082903642
Shipment Date:	2018-06-05
Manifest Number:	011912830FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.05600
Quantity Waste:	112.000000
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 011912830FLE20180605_D_1
Generator EPA ID: CAD082903642
Shipment Date: 2018-06-05
Manifest Number: 011912830FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.05600
Quantity Waste: 112.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
Federal Code: F003

State:
Year: 2018
EM Manifest ID: 011912830FLE20180605_D_1
Generator EPA ID: CAD082903642
Shipment Date: 2018-06-05
Manifest Number: 011912830FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.05600
Quantity Waste: 112.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 011617857FLE20180619_D_1
Shipment Date: 6/19/2018
Receipt Date: 6/27/2018
Manifest Number: 011617857FLE
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SANTA TERESA
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: OKR000031492
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NED981723513
TSDF Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

State:
Year: 2018
EM Manifest ID: 011617857FLE20180619_D_1
Generator EPA ID: CAD082903642
Shipment Date: 2018-06-19
Manifest Number: 011617857FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.02500
Quantity Waste: 50.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 017069708JJK20180226_D_1
Shipment Date: 2/26/2018
Receipt Date: 2/28/2018
Manifest Number: 017069708JJK
Generator EPA ID: CAD082903642
Name: KAISER PERMANENTE SAN JOSE
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAC000386391
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000037283
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD982042475
TSDF Name: RECOLOGY HAY ROAD LANDFILL
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

State:
Year: 2018
EM Manifest ID: 017069708JJK20180226_D_1
Generator EPA ID: CAD082903642
Shipment Date: 2018-02-26
Manifest Number: 017069708JJK
Line Number: 1
Method Code: H132
Quantity Tons: 0.23000

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	1.000000
Quantity Unit:	Y
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	151

Year:	2018
EM Manifest ID:	011564518FLE20171205_D_1
Shipment Date:	12/5/2017
Receipt Date:	12/8/2017
Manifest Number:	011564518FLE
Generator EPA ID:	CAD082903642
Name:	KAISER PERMANENTE-SANTA TERESA
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD981552177
TSDF Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	011564518FLE20171205_D_1
Generator EPA ID:	CAD082903642
Shipment Date:	2017-12-05
Manifest Number:	011564518FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.04800
Quantity Waste:	96.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	011564518FLE20171205_D_1
Generator EPA ID:	CAD082903642
Shipment Date:	2017-12-05
Manifest Number:	011564518FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.04800

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Waste:	96.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F003

State:

Year:	2018
EM Manifest ID:	011564518FLE20171205_D_1
Generator EPA ID:	CAD082903642
Shipment Date:	2017-12-05
Manifest Number:	011564518FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.04800
Quantity Waste:	96.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	214

Additional Info:

Year:	2017
Gen EPA ID:	CAD082903642
Shipment Date:	20171205
Creation Date:	10/16/2018 18:30:53
Receipt Date:	20171208
Manifest ID:	011564518FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BEDROCK INC DBA TRISTATE MOTOR TRANSIT CO
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.048
Waste Quantity:	96
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171205
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171211

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest ID:	011564517FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P081
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.443
Waste Quantity:	886
Quantity Unit:	P
Additional Code 1:	P075
Additional Code 2:	P046
Additional Code 3:	P042
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171205
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171211
Manifest ID:	011564517FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171205
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171211
Manifest ID:	011564517FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2715
Waste Quantity:	543
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171205
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171211
Manifest ID:	011564517FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	322 - Biological waste other than sewage sludge
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171107
Creation Date:	6/13/2018 18:31:14
Receipt Date:	20171110
Manifest ID:	011259426FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171107
Creation Date:	6/13/2018 18:31:14
Receipt Date:	20171110
Manifest ID:	011259426FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.189
Waste Quantity:	378
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171019
Creation Date:	11/1/2018 18:30:19
Receipt Date:	20171026
Manifest ID:	011260737FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P081
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1855
Waste Quantity:	371
Quantity Unit:	P
Additional Code 1:	P075
Additional Code 2:	P046
Additional Code 3:	P042
Additional Code 4:	Not reported
Additional Code 5:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Shipment Date:	20171019
Creation Date:	11/1/2018 18:30:19
Receipt Date:	20171026
Manifest ID:	011260737FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171019
Creation Date:	11/1/2018 18:30:19
Receipt Date:	20171026
Manifest ID:	011260737FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD082903642

Shipment Date:	20151207
Creation Date:	7/14/2016 18:31:06
Receipt Date:	20151214

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest ID:	009058472FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P081
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0905
Waste Quantity:	181
Quantity Unit:	P
Additional Code 1:	P075
Additional Code 2:	P046
Additional Code 3:	P042
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	7/14/2016 18:31:06
Receipt Date:	20151214
Manifest ID:	009058472FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151215
Manifest ID:	009058473FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	126
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151125
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151204
Manifest ID:	014857316JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000037283
Trans 2 Name:	WORLD ENVIRONMENTAL & ENERGY
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20151109
Manifest ID:	008999903FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P081
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 1:	P075
Additional Code 2:	P046
Additional Code 3:	P042
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20151109
Manifest ID:	008999903FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	168
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20151109
Manifest ID:	008999903FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151012

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Creation Date:	12/22/2015 22:15:21
Receipt Date:	20151012
Manifest ID:	013288512JJK
Trans EPA ID:	CAL000190758
Trans Name:	JANUS CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982042475
Trans Name:	HAY ROAD LANDFILL RECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	5.75
Waste Quantity:	25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151006
Creation Date:	5/4/2016 22:15:48
Receipt Date:	20151019
Manifest ID:	009118036FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.081
Waste Quantity:	162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151006
Creation Date:	5/4/2016 22:15:48
Receipt Date:	20151019
Manifest ID:	009118036FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.063
Waste Quantity:	126
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD082903642
Shipment Date:	20151207
Creation Date:	7/14/2016 18:31:06
Receipt Date:	20151214
Manifest ID:	009058472FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P081
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0905
Waste Quantity:	181
Quantity Unit:	P
Additional Code 1:	P075
Additional Code 2:	P046
Additional Code 3:	P042
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	7/14/2016 18:31:06
Receipt Date:	20151214
Manifest ID:	009058472FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151215
Manifest ID:	009058473FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	126
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151125
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151204
Manifest ID:	014857316JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000037283
Trans 2 Name:	WORLD ENVIRONMENTAL & ENERGY
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20151109
Manifest ID:	008999903FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P081
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	P075
Additional Code 2:	P046
Additional Code 3:	P042
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20151109
Manifest ID:	008999903FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20151109
Manifest ID:	008999903FLE

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	168
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151012
Creation Date:	12/22/2015 22:15:21
Receipt Date:	20151012
Manifest ID:	013288512JJK
Trans EPA ID:	CAL000190758
Trans Name:	JANUS CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982042475
Trans Name:	HAY ROAD LANDFILL RECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	5.75
Waste Quantity:	25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151006
Creation Date:	5/4/2016 22:15:48
Receipt Date:	20151019
Manifest ID:	009118036FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.063
Waste Quantity:	126
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151006
Creation Date:	5/4/2016 22:15:48
Receipt Date:	20151019
Manifest ID:	009118036FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.081
Waste Quantity:	162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD082903642
Shipment Date:	20141202
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008153229FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141202
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141209
Manifest ID:	008153229FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141202
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141209
Manifest ID:	008153229FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	U239
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 5:	Not reported
Shipment Date:	20141202
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141209
Manifest ID:	008153229FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	D005
Additional Code 2:	D004
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141202
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141209
Manifest ID:	008153229FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.062
Waste Quantity:	124
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141125
Creation Date:	5/5/2015 22:15:14
Receipt Date:	20141126
Manifest ID:	010777513JJK
Trans EPA ID:	CAD982513632

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Trans Name:	DENBESTE TRANSPORTATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INCORPORATED
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	5.0568
Waste Quantity:	6
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141125
Creation Date:	2/13/2015 22:15:17
Receipt Date:	20141204
Manifest ID:	010777523JJK
Trans EPA ID:	CAL000298854
Trans Name:	BAYVIEW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000037283
Trans 2 Name:	WORLD ENVIRONMENTAL & ENERGY
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141104
Creation Date:	1/26/2015 22:15:30
Receipt Date:	20141111
Manifest ID:	008120755FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.062
Waste Quantity:	124
Quantity Unit:	P
Additional Code 1:	D005
Additional Code 2:	D004
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141104
Creation Date:	1/26/2015 22:15:30
Receipt Date:	20141111
Manifest ID:	008120755FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141104
Creation Date:	1/26/2015 22:15:30
Receipt Date:	20141111
Manifest ID:	008120755FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0775
Waste Quantity:	155
Quantity Unit:	P

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD082903642
Shipment Date:	20131203
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131217
Manifest ID:	006975221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131203
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131217
Manifest ID:	006975221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	D004
Additional Code 2:	D003
Additional Code 3:	D001
Additional Code 4:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 5:	Not reported
Shipment Date:	20131203
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131217
Manifest ID:	006975221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131203
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131217
Manifest ID:	006975221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006975221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131105
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131119
Manifest ID:	006780264FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131105
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131119
Manifest ID:	006780264FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

	Without Treatment)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131119
Manifest ID:	006780264FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131111
Manifest ID:	006780262FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	D004
Additional Code 2:	D003
Additional Code 3:	D001
Additional Code 4:	Not reported

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131111
Manifest ID:	006780262FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.024
Waste Quantity:	48
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD082903642
Shipment Date:	20121204
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20121218
Manifest ID:	005575055FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.048
Waste Quantity:	96
Quantity Unit:	P
Additional Code 1:	D004
Additional Code 2:	D003
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121204
Creation Date:	2/15/2013 22:15:22
Receipt Date:	20121204

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest ID:	005575056FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121204
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20121218
Manifest ID:	005575055FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105
Manifest ID:	005574976FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105
Manifest ID:	005574975FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105
Manifest ID:	005574976FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D001

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105
Manifest ID:	005574976FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105
Manifest ID:	006080416FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105

KAISER PERMANENTE SAN JOSE HOSPITAL (Continued) **S113001945**

Manifest ID:	005574976FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121022
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121105
Manifest ID:	006080416FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D004
Additional Code 2:	D003
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A3 **1X KAISER FOUNDATION HOSP S J** **HWTS** **S123751538**
Target **250 HOSPITAL PARKWAY** **HAZNET** **N/A**
Property **SAN JOSE, CA 95123**

Site 3 of 11 in cluster A

Actual: **192 ft.**

HWTS:

Name:	1X KAISER FOUNDATION HOSP S J
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAD000328559
Inactive Date:	01/01/1991

1X KAISER FOUNDATION HOSP S J (Continued) **S123751538**

Create Date:	03/03/1987
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	SAME AS ABOVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CA 951230000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	CHARLES PANIGHETTI
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	36.818759
Longitude:	-121.390296

HAZNET:

Name:	1X KAISER FOUNDATION HOSP S J
Address:	250 HOSPITAL PARKWAY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951230000
Contact:	CHARLES PANIGHETTI
Telephone:	4154285535
Mailing Name:	Not reported
Mailing Address:	SAME AS ABOVE
Year:	1987
Gepaid:	CAD000328559
TSD EPA ID:	CAD041835695
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.616

A4 **KAISER CAMINO VERDE PARKING LOT** **CIWQS** **S121647953**
Target **250 HOSPITAL PKWY** **N/A**
Property **SAN JOSE, CA 95119**

Site 4 of 11 in cluster A

Actual:
192 ft.

CIWQS:

Name:	KAISER CAMINO VERDE PARKING LOT
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Agency:	Kaiser Foundation Hospitals
Agency Address:	250 Hospital Pkwy, San Jose, CA 95119
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	2

KAISER CAMINO VERDE PARKING LOT (Continued) **S121647953**

Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 43C352756
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/28/2008
Termination Date:	09/02/2010
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

A5
Target Property
SANTA TERESA COMMUNITY HOSPITAL **HWTS** **S123772382**
250 HOSPITAL PKWY. **HAZNET** **N/A**
SAN JOSE, CA 95119

Site 5 of 11 in cluster A

Actual: 192 ft.

HWTS:

Name:	SANTA TERESA COMMUNITY HOSPITAL
Address:	250 HOSPITAL PKWY.
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAX000044156
Inactive Date:	06/30/1998
Create Date:	08/27/1984
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	250 HOSPITAL PKWY.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 951190000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	SUSAN YEE
Contact Address:	INACT PER 98VQ FINAL NOTICE
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.239333
Longitude:	-121.802879

HAZNET:

SANTA TERESA COMMUNITY HOSPITAL (Continued) **S123772382**

Name:	SANTA TERESA COMMUNITY HOSPITAL
Address:	250 HOSPITAL PKWY.
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951190000
Contact:	SUSAN YEE
Telephone:	4089727262
Mailing Name:	Not reported
Mailing Address:	250 HOSPITAL PKWY.
Year:	1986
Gepaid:	CAX000044156
TSD EPA ID:	CAD020748125
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.0595
Year:	1986
Gepaid:	CAX000044156
TSD EPA ID:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	-
Tons:	0.225
Year:	1986
Gepaid:	CAX000044156
TSD EPA ID:	CAD020748125
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.8615
Year:	1986
Gepaid:	CAX000044156
TSD EPA ID:	CAD020748125
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.206
Year:	1985
Gepaid:	CAX000044156
TSD EPA ID:	Not reported
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	-
Tons:	0.0315
Year:	1985
Gepaid:	CAX000044156
TSD EPA ID:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	-
Tons:	0.209
Year:	1985
Gepaid:	CAX000044156
TSD EPA ID:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	-
Tons:	0.23

SANTA TERESA COMMUNITY HOSPITAL (Continued) **S123772382**

Year:	1985
Gepaid:	CAX000044156
TSD EPA ID:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	-
Tons:	0.05

Year:	1985
Gepaid:	CAX000044156
TSD EPA ID:	CAD010917805
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H01 - Transfer Station
Tons:	0.688

Year:	1985
Gepaid:	CAX000044156
TSD EPA ID:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	-
Tons:	0.597

Click this hyperlink while viewing on your computer to access
15 additional CA HAZNET: record(s) in the EDR Site Report.

A6
Target Property
Actual: 192 ft.

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA **RCRA-LQG** **1000395439**
250 HOSPITAL PKWY **HIST UST** **CAD082903642**
SAN JOSE, CA 95119 **FINDS**
ECHO
Site 6 of 11 in cluster A **EMI**
CERS

RCRA Listings:

Date Form Received by Agency:	20220301
Handler Name:	Kaiser Permanente San Jose
Handler Address:	HOSPITAL PARKWAY
Handler City,State,Zip:	SAN JOSE, CA 95119-0000
EPA ID:	CAD082903642
Contact Name:	MATTHEW HURAY
Contact Address:	HARRISON
Contact City,State,Zip:	OAKLAND, CA 94612
Contact Telephone:	301-452-0442
Contact Fax:	Not reported
Contact Email:	MATTHEW.J.HURAY@KP.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	HARRISON STREET
Mailing City,State,Zip:	OAKLAND, CA 94612
Owner Name:	Kaiser Foundation Hospitals
Owner Type:	Private

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Operator Name:	Kaiser Foundation Hospitals
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220610
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D033
Waste Description:	Hexachlorobutadiene
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P046
Waste Description: Alpha,Alpha-Dimethylphenethylamine (Or) Benzeneethanamine, Alpha, Alpha-Dimethyl-

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: P081
Waste Description: 1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)

Waste Code: P188
Waste Description: Benzoic Acid, 2-Hydroxy-, Compd. With (3as-Cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-Trimethylpyrrolo[2,3-B]Indol-5-Yl Methylcarbamate Ester (1:1) (Or) Physostigmine Salicylate

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U010
Waste Description: Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C

Waste Code: U011
Waste Description: 1h-1,2,4-Triazol-3-Amine (Or) Amitrole

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Waste Code: U048
Waste Description: O-Chlorophenol (Or) Phenol, 2-Chloro-

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide

Waste Code: U089
Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U182
Waste Description: 1,3,5-Trioxane, 2,4,6-Trimethyl- (Or) Paraldehyde

Waste Code: U188
Waste Description: Phenol

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U237
Waste Description: 2,4-(1h,3h)-Pyrimidinedione, 5-[Bis(2-Chloroethyl)Amino]- (Or) Uracil Mustard

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U248
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITAL
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 950 FRANKLIN ST
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN
Legal Status: Private
Date Became Current: 19761202
Date Ended Current: Not reported
Owner/Operator Address: 1950 FRANKLIN STREET
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN
Legal Status: Private
Date Became Current: 19761202
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Historic Generators:
Receive Date: 20180905
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200318
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220301
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800715
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Receive Date: 20220224
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900412
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920330
Handler Name: SANTA TERESA COMMUNITY HOSPITA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: SANTA TERESA COMM HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960401
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: KAISER PERMANENTE MED CTR, SANTA TERESA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: KAISER PERMANENTE MED CTR, SANTA TERESA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020208
Handler Name: KAISER PERMANENTE MEDICAL CTR - SANTA TE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040226
Handler Name: KAISER PERMANENTE SANTA TERESA MED CTR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060228
Handler Name: KAISER SANTA TERESA MEDICAL CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 621491
NAICS Description: HMO MEDICAL CENTERS

NAICS Code: 62211
NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

NAICS Code: 62221
NAICS Description: PSYCHIATRIC AND SUBSTANCE ABUSE HOSPITALS

NAICS Code: 62231
NAICS Description: SPECIALTY (EXCEPT PSYCHIATRIC AND SUBSTANCE ABUSE) HOSPITALS

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19941116
Actual Return to Compliance Date: 19950308
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19941116
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19950308
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HIST UST:

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000007126
Facility Type:	Other
Other Type:	HOSPITAL
Contact Name:	Not reported
Telephone:	4089727000
Owner Name:	KAISER FOUNDATION HOSPITALS
Owner Address:	1924 BROADWAY
Owner City,St,Zip:	OAKLAND, CA 95406
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

FINDS:

Registry ID: 110000831253

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000395439
Registry ID:	110000831253
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000831253
Name:	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119

EMI:

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2002
County Code:	43

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.032
Reactive Organic Gases Tons/Yr:	0.0234689
Carbon Monoxide Emissions Tons/Yr:	0.111
NOX - Oxides of Nitrogen Tons/Yr:	0.342
SOX - Oxides of Sulphur Tons/Yr:	0.005
Particulate Matter Tons/Yr:	0.027
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.026448

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

City,State,Zip:	SAN JOSE, CA 95119
Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.032
Reactive Organic Gases Tons/Yr:	.0234689
Carbon Monoxide Emissions Tons/Yr:	.11
NOX - Oxides of Nitrogen Tons/Yr:	.33
SOX - Oxides of Sulphur Tons/Yr:	.005
Particulate Matter Tons/Yr:	.024
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.02352

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2006
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.026
Reactive Organic Gases Tons/Yr:	.0184487
Carbon Monoxide Emissions Tons/Yr:	.083
NOX - Oxides of Nitrogen Tons/Yr:	.211
SOX - Oxides of Sulphur Tons/Yr:	.003
Particulate Matter Tons/Yr:	.014
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.01376

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 953550000
Year:	2007
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.03
Reactive Organic Gases Tons/Yr:	.0217955
Carbon Monoxide Emissions Tons/Yr:	.091
NOX - Oxides of Nitrogen Tons/Yr:	.249
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.015712

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.058
Reactive Organic Gases Tons/Yr:	.0381766
Carbon Monoxide Emissions Tons/Yr:	.12
NOX - Oxides of Nitrogen Tons/Yr:	.423
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.031
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.030688

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.1999999999999998E-2
Reactive Organic Gases Tons/Yr:	3.3570900000000001E-2
Carbon Monoxide Emissions Tons/Yr:	0.12
NOX - Oxides of Nitrogen Tons/Yr:	0.42799999999999999
SOX - Oxides of Sulphur Tons/Yr:	0.002
Particulate Matter Tons/Yr:	2.9295081967213098E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.9000000000000001E-2

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.055
Reactive Organic Gases Tons/Yr:	3.4008499999999997E-2
Carbon Monoxide Emissions Tons/Yr:	0.13200000000000001
NOX - Oxides of Nitrogen Tons/Yr:	0.44400000000000001
SOX - Oxides of Sulphur Tons/Yr:	0.002

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Particulate Matter Tons/Yr: 3.4319672131147498E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 3.4000000000000002E-2

Name: KAISER PERMANENTE SAN JOSE MED
Address: 250 HOSPITAL PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Year: 2011
County Code: 43
Air Basin: SF
Facility ID: 3919
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.176
Reactive Organic Gases Tons/Yr: 0.0863382
Carbon Monoxide Emissions Tons/Yr: 0.479
NOX - Oxides of Nitrogen Tons/Yr: 1.366
SOX - Oxides of Sulphur Tons/Yr: 0.01
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: KAISER PERMANENTE SAN JOSE MED
Address: 250 HOSPITAL PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Year: 2012
County Code: 43
Air Basin: SF
Facility ID: 3919
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.603
Reactive Organic Gases Tons/Yr: 0.2657846
Carbon Monoxide Emissions Tons/Yr: 1.761
NOX - Oxides of Nitrogen Tons/Yr: 4.714
SOX - Oxides of Sulphur Tons/Yr: 0.046
Particulate Matter Tons/Yr: 0.44241803279
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.442

Name: KAISER PERMANENTE SAN JOSE MED
Address: 250 HOSPITAL PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Year: 2013
County Code: 43
Air Basin: SF
Facility ID: 3919
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.622
Reactive Organic Gases Tons/Yr: 0.2816819

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Carbon Monoxide Emissions Tons/Yr:	1.812
NOX - Oxides of Nitrogen Tons/Yr:	4.936
SOX - Oxides of Sulphur Tons/Yr:	0.046
Particulate Matter Tons/Yr:	0.459
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.457

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.621775628
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1.812531132
NOX - Oxides of Nitrogen Tons/Yr:	4.936703458
SOX - Oxides of Sulphur Tons/Yr:	0.045286007
Particulate Matter Tons/Yr:	0.461410783
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.460015809

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.349254184
Reactive Organic Gases Tons/Yr:	0.266352439
Carbon Monoxide Emissions Tons/Yr:	1.606813155
NOX - Oxides of Nitrogen Tons/Yr:	0.265341801
SOX - Oxides of Sulphur Tons/Yr:	0.024553333
Particulate Matter Tons/Yr:	0.134938101
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.134718964

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2016
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.349254151
Reactive Organic Gases Tons/Yr:	0.16335036158
Carbon Monoxide Emissions Tons/Yr:	1.606813506
NOX - Oxides of Nitrogen Tons/Yr:	0.265341792
SOX - Oxides of Sulphur Tons/Yr:	0.024553333
Particulate Matter Tons/Yr:	0.134938148
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.134719011

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.11607246
Reactive Organic Gases Tons/Yr:	0.058859125532
Carbon Monoxide Emissions Tons/Yr:	0.49342868
NOX - Oxides of Nitrogen Tons/Yr:	0.145627553
SOX - Oxides of Sulphur Tons/Yr:	0.007393387
Particulate Matter Tons/Yr:	0.041204264
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.041094137

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.116149482
Reactive Organic Gases Tons/Yr:	0.0588981826
Carbon Monoxide Emissions Tons/Yr:	0.493756098
NOX - Oxides of Nitrogen Tons/Yr:	0.145724184
SOX - Oxides of Sulphur Tons/Yr:	0.007398294
Particulate Matter Tons/Yr:	0.041231604
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.041121403

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.116149482
Reactive Organic Gases Tons/Yr:	0.0588981826
Carbon Monoxide Emissions Tons/Yr:	0.493756098
NOX - Oxides of Nitrogen Tons/Yr:	0.145724184
SOX - Oxides of Sulphur Tons/Yr:	0.007398294
Particulate Matter Tons/Yr:	0.041231604
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.041121403

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.107211555
Reactive Organic Gases Tons/Yr:	0.053520977707
Carbon Monoxide Emissions Tons/Yr:	0.460634722
NOX - Oxides of Nitrogen Tons/Yr:	0.122001205
SOX - Oxides of Sulphur Tons/Yr:	0.006941713
Particulate Matter Tons/Yr:	0.038124639
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.038044785

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.150124556
Reactive Organic Gases Tons/Yr:	0.085484580956
Carbon Monoxide Emissions Tons/Yr:	0.583244119
NOX - Oxides of Nitrogen Tons/Yr:	0.426734433
SOX - Oxides of Sulphur Tons/Yr:	0.008012106
Particulate Matter Tons/Yr:	0.054925227
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.054376935

CERS:

Name:	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	475324

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

CERS ID: 110000831253
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: CHRISTINE T WOLTER
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

A7 Target Property **KAISER FOUNDATION HOSPITAL**
250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

HWTS S123776141
HAZNET N/A

Site 7 of 11 in cluster A

Actual: 192 ft.

HWTS:
Name: KAISER FOUNDATION HOSPITAL
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAX000102186
Inactive Date: 04/30/1986
Create Date: 07/30/1984
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 12916
Mailing Address 2: Not reported
Mailing City,State,Zip: OAKLAND, CA 946040000
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: INACTIVE PER SURVEY 1-25-95LH
Contact Address: Not reported
Contact Address 2: Not reported
City,State,Zip: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.239333
Longitude: -121.802879

HAZNET:
Name: KAISER FOUNDATION HOSPITAL
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951190000
Contact: INACTIVE PER SURVEY 1-25-95LH

KAISER FOUNDATION HOSPITAL (Continued) **S123776141**

Telephone: 4154287189
Mailing Name: Not reported
Mailing Address: P.O. BOX 12916

Year: 1986
Gepaid: CAX000102186
TSD EPA ID: CAD041844002
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 33.712

Year: 1985
Gepaid: CAX000102186
TSD EPA ID: Not reported
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: -
Tons: 0

Year: 1984
Gepaid: CAX000102186
TSD EPA ID: CAD930585715
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: 03 -
Tons: 12.05

A8 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **CERS HAZ WASTE** **S121741960**
Target **250 HOSPITAL PKWY** **CERS TANKS** **N/A**
Property **SAN JOSE, CA 95119** **CERS**

Site 8 of 11 in cluster A

Actual:
192 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127196
CERS ID: 10120171
CERS Description: Hazardous Waste Generator

Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127196
CERS ID: 10120171
CERS Description: RCRA LQ HW Generator

CERS TANKS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127196
CERS ID: 10120171
CERS Description: Underground Storage Tank

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Address: 250 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127196
CERS ID: 10120171
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-08-2015
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to properly label the following categories of universal waste as: 1) Each batteries or the container in which the batteries are contained as "Universal Waste-Battery(ies)". 2) Each mercury-containing equipment or the container in which the mercury-containing equipment is contained as "Universal Waste -Mercury-Containing Equipment". 3) Each Florescent lamp or the container or package in which the lamps are contained as "Universal Waste-Lamp(s)". 4) Each electronic devices or the container or pallet in or on which the electronic devices are contained as "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or pallet in or on which the CRTs are contained as "Universal Waste-CRT(s)". 6) A container of CRT glass shall be labeled or marked clearly with the following phrase: "Universal Waste-CRT glass". 7) In lieu of labeling individual electronic devices, CRTs, and/or containers of CRT glass pursuant to subsections d) through f) of this section, a universal waste handler may combine, package, and accumulate those universal wastes in appropriate containers or within a designated area demarcated by boundaries that are clearly labeled with the applicable portion(s) of the following phrase: "Universal Waste-Electronic Device(s)/Universal Waste - CRT(s)/Universal Waste-CRT Glass".
Violation Notes: Returned to compliance on 01/07/2016. Observed chronic labeling issues throughout hospital campus. See some examples below: Universal Waste Storage Area: 1x55 gal blue drum of mixed universal waste solely identified as electronic waste. approximately 1 dozen containers of used fluorescent lamps - no marking or accumulation start date CRTs and electronic waste stored throughout the covered shed - no marking or accumulation start date 5th Floor Main Hospital: approximately a total of 50 lbs(between 3 containers) of alkaline batteries -no marking or accumulation start date
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-11-2018
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 01/24/2019. The following Designated Operator (DO) monthly reports have inaccurate or conflicting data: 12-3-18 Inspection - states overfill prevention equipment inspection was completed on 12-14-18 and has failed components. This inspection was performed on 9-21-18. 10-08-18 Inspection - states secondary containment testing was completed on 12-14-18 and has failing

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

components. This inspection was performed on 12-14-17.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-08-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/07/2016. The following containers of hazardous waste exceeded the one year accumulation time limit: RCRA pharmaceuticals container dated 10-14-14 in the family health pharmacy. RCRA pharmaceuticals containers (2) dated 3-10-14 at 280 Hospital Pkwy pharmacy. RCRA pharmaceuticals container dated 9-2-14 in the main hospital outpatient pharmacy
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-18-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 11/10/2021. Tank charts were obtained from Kaiser and used for the calculations. UST system uses mechanical overfill valve as means for overfill prevention. 100% tank capacity = 9,684 gallons 95% tank capacity = 9,199 gallons or 80 1/2" Actual: mechanical overfill prevention valve is set to shut off at 83 3/4" which exceeds the 95% maximum allowable limit.
Violation Division: Santa Clara County Environmental Health

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-11-2018
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 01/21/2019. Overfill prevention equipment (flapper valve) was tested on 9-21-2018 and determined that the level it is set at doesn't provide restriction at 95% or less. Ensure UST system is equipped with functional and appropriately installed overfill prevention equipment.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description:	Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes:	Returned to compliance on 01/07/2016. Observed the following hazardous wastes disposed of illegally: Insulin Vials/injectors (Humulin N, Humulin R, Humolog, Novalog, Lantus Solo star) disposed of into the non-RCRA pharmaceutical/medical waste containers located in pharmacies throughout the hospital campus. 7 Nicotine patches (acutely hazardous waste P075) (14mg) disposed of in the non-RCRA pharmaceutical/medical waste container located in 260 One North pharmacy.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	49 CFR 1 172.201(e) - U.S. Code of Federal Regulations, Title 49, Chapter 1, Section(s) 172.201(e)
Violation Description:	Failure of the universal waste handler to properly package, label, mark, placard, or prepare and retain shipping papers for all universal waste being shipped to another universal waste handler, destination facility, or foreign facility.
Violation Notes:	Returned to compliance on 01/07/2016. Observed E-waste, batteries, and lamps co-mingled in 1x55 gal container and stored in an open drum actively being exposed to the rain.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 01/07/2016. Observed approximately 1 dozen 1 gallon containers of paint in poor condition (severely rusted or degraded cans) stored in a flammable cabinet in the engineering/maintenance storage area.. Determine if this is waste and if it is waste whether it is hazardous waste. Manage accordingly.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description:	Failure of the universal waste handler to initially train and provide annually, thereafter, all personnel who manage or who supervise those who manage universal wastes and to maintain a written record by date indicating the names of personnel who received the information. The universal waste handler shall maintain these records for at least three years from the date the person last managed any universal waste at the facility. This training shall include: 1) The types and hazards associated with the universal waste that personnel may manage at the facility; 2) The proper disposition of universal wastes managed at the facility; 3) The proper procedures for responding to releases of universal wastes including the position titles and the means of contacting those personnel at the facility who are designated to respond to reports of releases and/or to respond to questions received from other personnel at the facility; and 4) The applicable requirements of universal waste regarding labeling, collecting, handling, consolidating, and shipping universal wastes at the facility, including, but not limited to, the prohibition on the disposal of universal wastes, and for personnel involved in shipping

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

	universal wastes who are hazmat employees .
Violation Notes:	Returned to compliance on 01/07/2016. Due to the number and type of violations, facility personnel are not adequately trained on the management of universal wastes.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	01-23-2019
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to install a line leak detector (LLD).
Violation Notes:	Returned to compliance on 12/17/2019. Facility failed to install line leak detector to monitor underground pressurized piping.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)
Violation Description:	Failure of the universal waste handler to transfer universal waste to the appropriate designation facility.
Violation Notes:	Returned to compliance on 01/07/2016. Observed 1 mercury containing outdoor lamp in the trash near the engineering/maintenance waste storage area.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-18-2020
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 03/03/2022. Facility does not have a current permit to operate. Facility's permit expired on 10/31/2020 and they have not applied for permit renewal. Our office cannot renew the permit until the facility applies for renewal and are in compliance with financial responsibility requirements.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-18-2020
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Violation Notes:	Returned to compliance on 07/27/2021. Facility failed to have their Certification of Financial Responsibility witnessed or notarized.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-11-2018
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to install a line leak detector (LLD).
Violation Notes:	Returned to compliance on 03/28/2019. Underground storage tank (UST) with pressurized piping is not equipped with a line leak detector. Diesel in UST provides power to boilers in addition to the emergency generators. Facility was notified in inspection report dated 12-14-17 of the line leak detector requirement in addition to an email sent to Theophilus Little,Safety Leader, on 5-16-18.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	01-07-2016
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 02/11/2016. UST sumps have clam shells (used for secondary containment testing of piping) with an open valve stem in vertical 12 o'clock position that prevents the detection of a leak at the "earliest opportunity".
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	01-08-2015
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/22/2015. --- THE SPILL BUCKET HAS A STRUCTURAL BREAK AND IS NO LONGER ABLE TO HOLD LIQUID AS REQUIRED. SUBMIT A COMPLETE PERMIT APPLICATION TO REPLACE TO THIS OFFICE. SEE THE FOLLOWING LINK FOR GUIDELINES AND ADDITIONAL DETAILS; http://www.sccgov.org/sites/deh/HMCD/HazMat/HMDocs/Pages/Docs_Construction.aspx --
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Violation Date:	12-08-2015
Citation:	22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description:	Failure of the universal waste handler to properly process accumulated universal waste within a maximum accumulation time of one year and /or demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received. The universal waste handler may make this demonstration by: 1) Placing the universal waste in a container and marking or labeling the container with the earliest date that any universal waste in the container became a waste or was received; 2) Marking or labeling the individual item of universal waste (e.g., each battery or thermostat) with the date it became a waste or was received; 3) Maintaining an inventory system onsite that identifies the date the universal waste being accumulated became a waste or was received; 4) Maintaining an inventory system onsite that identifies the earliest date that any universal waste in a group of items of universal waste or a group of containers of universal waste became a waste or was received; 5) Placing the universal waste in a specific accumulation area and marking or labeling the area to identify the earliest date that any universal waste in the area became a waste or was received; or 6) Any other method which clearly demonstrates the length of time that the universal waste has been accumulated from the date it became a waste or was received.
Violation Notes:	Returned to compliance on 01/07/2016. Observed throughout the hospital small amounts of used batteries stored beyond 1 year including 1xbucket of mixed batteries dated 12-1-2011 located in Two North Pharmacy. Do not accumulate for more than 1 year.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-22-2016
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 01/23/2017. North STP sump has clamshells (used to facilitate secondary containment testing of piping) with an open valve stem in vertical 12 o'clock position that prevents the detection of a leak at the earliest opportunity. THIS IS A REPEAT VIOLATION FROM PREVIOUS INSPECTION ON 1-7-2016. CORRECTIONS WERE MADE TO SOUTH STP SUMP BUT NOT THE NORTH STP SUMP.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-17-2021
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.

Violation Notes: Returned to compliance on 05/19/2022. The generator side line leak detector was unable to detect a simulated 3.0 gph leak.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to perform an inspection of the underground storage tank system (UST) and witness the annual monitoring certification and spill bucket testing performed by David Walker with Belshire Environmental Services. Mr. Walker has all required certifications to perform the testing. Monitoring system performed as required with the exception of what is noted in the violation T120. Spill bucket held water for over 1 hour with no loss observed. Reviewed the following paperwork: Operating Permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Setup Alarm History Note 1: Per alarm history, L-18 was not tested or adequately tested in 1-8-2015 monitoring certification. Note2 : Veeder Root TLS panel has approximately 22 sensors performing leak monitoring. With the exception of the annular space sensor and piping sump sensors, other sensors currently connected to the veeder-Root panel are not required [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ONSITE TO WITNESS THE ANNUAL PIPING LINE TIGHTNESS TEST BY UST SERVICE TECHNICIAN ISAAC ANDERSON OF ALLTECH PETRO. MR. ANDERSON HAS THE FOLLOWING CURRENT CERTIFICATIONS: ICC UST SERVICE TECHNICIAN (EXP. 06/22/2016), CALIFORNIA LICENSED TANK TESTER (EXP. 6/30/2015) AND HASSTECH ACURITE PIPELINE TESTER (EXP. 02/24/2016). THE TWO PRIMARY PIPING RUNS WERE PRESSURE TESTED WITH NITROGEN GAS AT 50 PSI FOR 30 MINUTES USING THE ACURITE PIPELINE TESTER: - PIPING RUN FROM UST TO GENERATORS TEST RESULTS = PASS. - PIPING RUN FROM UST TO BOILERS TEST RESULTS = PASS. SUBMIT A COPY OF THE COMPLETED TEST REPORT WITHIN 30 DAYS.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

system. Testing performed by David Walker of Belshire Environmental Services Inc. Mr. Walker has all required certifications to perform the testing (eg. ICC, Veeder-Root Tech, VMI tester, Incon level 5). UST supplies emergency generators and boilers. Line leak detectors (LLD) recently installed were tested. LLD for emergency generator provides alarm. LLD for boiler provides turbine shutdown. System performed as designed without exception. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/16/2021 and concluded today with delivery of this report. UST supplies emergency generators and boilers. Line leak detectors (LLD) installed were tested. LLD for boiler provides turbine shutdown. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 12/4/2021. DUSTO monthly reports and employee training documentation was reviewed and current. Submit a copy of the monitoring system certification, and spill bucket, inspection test report within 30 days of the test date.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE (250 HOSPITAL PKWY) FOR 2015 UST MONITORING SYSTEM TEST AND CERTIFICATION, INCLUDING SPILL BUCKET TESTING. KEEFE FIELDS, CHIEF ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW DAVID WALKER, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL ICC 921973, EXP. 1/2/2016 VEEDER-ROOT, A-32030-LEVEL IV, EXP. 11/20/2016 RICARDO GUIDO, DUSTO, BELSHIRE ENVIRONMENTAL, ON SITE. ICC# 8248177, EXP 2/20/2016 SYSTEM SET-UP AND ALARM HISTORY SUMP SENSORS WERE IN ALARM IN DECEMBER 2014. SUMP TOPS ARE NOT WATER TIGHT. LEAKING DURING RAINS BOILER PAN ALARMS IN DECEMBER 2014 WERE RELATED TO BOILER CONSTRUCTION. DUSTO MONTHLY REPORTS ON SITE, OK TRAINIG CONDUCTED AND RECORDED, OK CERS REVIEW, "No" Visual Inspection Records 13.0191, THIS SHOULD BE YES MONITORING PLAN DOES NOT SHOW VR-420 IN NORTH STP SUMP, OR THE VEEDER-ROOT SENSORS USED THROUGHOUT THE ABOVEGROUND SECTION OF THE FUEL PIPE SECONDARY SYSTEM. SPILL BUCKET (1) - WATER [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Eval General Type: Other/Unknown
Eval Date: 01-23-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Non-inspection related violation: 23 CCR 2636(f)(2) - Failure to install line leak detector to monitor underground pressurized piping. Greg Breshears
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-16-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to oversee the annual line tightness test. Testing was conducted on 09/15/2022 and inspection report was issued today. Testing was conducted by; Isaac Anderson with AlltechPetro. Mr. Anderson had the following certifications; Hasstech Certification# 4717 LTN exp., 03/01/2024; SWRCB Tank Tester License #09-1749 exp., 11/30/2024; and ICC-UST Technician # 8146912 exp., 09/2022. The following components were tested and passed as part of this inspection; - Primary Boiler Line tested @ 50.0 p.s.i for 30 minutes @ 0.065 p.s.i - Generator line tested @ 50.0 p.s.i for 60 minutes @ 0.08 p.s.i * Both lines passed test and the lines were observed to go down to normal operation pressure. Note; 1) Within 30 days provide to our office a copy of today's test report.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Observed annual line tightness tests performed by Mr. Chad White (certifications current) of AlltechPetro. UST supplies fuel to backup generators and boilers for the facility. Lines were isolated in the sumps and at each termination point (generator or boiler). Lines were pressurized to 50 psi and no loss was detected. Ensure the test report is available for review at your next Annual Monitoring System Certification.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Walk-through and a partial paperwork review occurred on December 3rd, 2015. Inspection today consisted of completion of paperwork review and presentation of inspection report. Kaiser recently switched reverse distributor for creditable pharmaceuticals and now uses Inmar. Inspected the following areas of the Kaiser Permanente Santa Teresa Campus: 260 One North (Pharmacy) 270 Two North (Oncology, Gastroenterology, Pharmacy) 276 Four North (Injection Clinic,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Pharmacy) 280 Hospital Parkway (Pharmacy) Maintenance/Engineernig area E-waste storage area Main Hospital Building: 7th Floor Telemetry 6th Floor Med Surge 5th Floor Med Surge 4th Floor Med Surge 3rd Floor Med Surge Lobby Floor Clinical Lab, Pathology Lab, Inpatient & Outpatient Pharmacy Emergency Room Waste Storage Area Note 1: The following minor violations were corrected at time of inspection: Approximately 5 gallons worth of "expired wright's gram stain" - no marking - main waste storage [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE (250 HOSPITAL PKWY) FOR 2015 UST SECONDARY CONTAINMENT TESTING (SB-989) KEEFE FIELDS, CHIEF ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW. STEVE REED, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL, ON SITE TO CONDUCT MON CERT TESTING ICC #8084355 EXP. 6/29/2015 FRANKLIN FUEL/INCON 154783703 4/9/2015 ONE 10,000 GALLON UST TWO STP SUMPS, FOUR PIPING RUNS, SUPPLY AND RETURN TO DAY BELLY TANKS OF GENERATORS, AND SUPPLY AND RETURN TO BOILER UNITS. NO DISPENSERS INCON ACCELERATED TESTING OF SUMP WATER TESTS, PASS, OK PRESSURE TEST OF PIPING, 5 PSI, 30 MINUTES, NO DROP OBSERVED, OK VACUUM TEST OF TANK, 10 In Hg, 60 MINUTES, OK NOTE: SUBMIT THE SECONDARY CONTAINMENT TESTING REPORT TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Polyphosphates Sulfites Acid Glutaraldehyde Cyclohexamine Propane Freon Diesel Nitrogen Argon Liquid Oxygen Medical COmpressed Air Nitrous Oxide
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. KAISER HOSPITAL (OSPD-1); CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Eval General Type: Other/Unknown
Eval Date: 11-27-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE TO WITNESS THE PRIMARY SUPPLY FUEL LINES TO BOILERS NOTE: THIS TEST IS AN ANNUAL REQUIREMENT IN-LUE OF A LINE LEAK DETECTION SYSTEM AND ANNUAL FUNCTIONAL TEST. KEEFE FIELDS ON SITE TO ALLOW ACCESS TO SYSTEM FELIX RAMIREZ, AFORDATEST, ON SITE TO CONDUCT TEST ICC 5273934 EXP. 12/6/2014 SIMPLE HEAD PRESSURE TEST ON STEEL DIESEL LINE, ALL VALVES SHUT TO DAY TANKS. T-1, 50 PSI, T-1 PLUS 30 MINUTES, SAME, NO DROP IN PRESSURE, PASS NOTE: SUBMIT A REPORT DETAILING THIS ACTIVITY TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS FROM TODAY. NOTE: CONSIDER ALIGNING THIS PIPE PRESSURE TEST WITH THE 2014 UST MONITORING CERTIFICATION TEST.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Isaac Anderson of Alltech Petro. Mr. Anderson's certifications were verified and current. UST supplies emergency generators and boilers. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. Electronic line leak detectors were tested and gross line fail was observed on the Franklin Fueling Monitoring Panel. The ball valve was opened before conducting this test. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 9/1/2022 DUSTO monthly reports and employee training documentation was reviewed and current. Submit a copy of the monitoring system certification and spill bucket test reports within 30 days of the test date.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by Mark Riley of Belshire Environmental Services Inc. Mr. Walker has all required certifications to perform the testing (eg. ICC, Veeder-Root Tech). UST supplies emergency generators and boilers that are required for emergency operation of the Hospital. System performed as designed with the exception noted in violation field. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Eval General Type: Other/Unknown
Eval Date: 12-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to witness secondary containment testing with Jeff Badders of Belshire Environmental Services. Mr. Badder's, certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. Tank annular space was tested for at least 60 minutes with 10 inches of vacuum. Generator STP sump was hydrostatically tested using the INCON accelerated test method. Boiler STP sump was hydrostatically tested using the INCON accelerated test method. Generator Line A was tested using 5 psi for at least 60 minutes. Generator Line B was tested using 5 psi for at least 60 minutes. Boiler Line A was tested using 5 psi for at least 60 minutes. Boiler Line B was tested using 5 psi for at least 60 minutes. These components all passed secondary containment testing today. Submit a copy of the secondary containment test report to our office within 30 days of the test date.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE FOR 2014 UST MONITORING CERTIFICATION BELSHIRE ENVIRONMENTAL SERVICES ON SITE TO CONDUCT TESTING CRISTINA PENA, DUSTO FOR THIS LOCATION ON SITE JEFF BADDERS, FIELD TECH, ON SITE AS ICC CA UST SERVICE TECH. ICC# 5252456, EXP. 8/31/2015, VEEDER-ROOT TECH #A20392, EXP. 12/30/2014. ONE SPILL BUCKET, FILLED TO 1.5 INCH FROM TOP, NO DROP, OK SYSTEM SETUP, ALARM HISTORY, PROVIDED ONE SPLIT TANK, T-1, L-3 - SOUTH PIPING SUMP - A AND V ALARM AND PRINTOUT, OK L-4 - NORTH PIPING SUMP - A AND V ALARM AND PRINTOUT, OK L-5 - UST ANNULAR SPACE - A AND V ALARM AND PRINTOUT, OK L-6 - PIPE LEAK RETURN - A AND V ALARM AND PRINTOUT, OK L-8 - BOILER 3 PAN - A AND V ALARM AND PRINTOUT, OK NOTE: THIS SYSTEM HAS NON-VEEDER-ROOT SENSORS, INSPECTOR TO CONDUCT RESEARCH TO IDENTIFY WHERE THESE ARE OK AND WHERE THEY ARE NOT APPROVED FOR USE, I.E. UST PIPING SYSTEM MONITORING POINTS. L-9 - GEN 1 SUPPLY PIPE- NOT AN APPROVED SENSOR, V-50, - A AND V ALARM AND [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness the annual monitoring system certification performed by Mr. Jeff Badders (certifications current) of Belshire Environmental Services, Inc. Also present was Meng Yuan, Designated Operator, Belshire Environmental Services, Inc. Facility is a hospital and the UST supplies emergency generators and boilers that are required for emergency operation of the Hospital. The annular space, piping and sumps are monitored by a Veeder-Root (VR) TLS-350 panel. The annular, piping and sump sensors were tested in water and provided

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

audible and visible alarms. Product lines are tightness tested annually. Overfill protection is provided in the tank by a flapper valve in the fill riser. The spill bucket is direct buried was hydrostatically tested with the Incon Accelerated testing apparatus during the SB989 secondary containment testing performed last week. Observed the passing test result printout. Reviewed DUSTO Monthly Reports, DUSTO Training records, [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. UST supplies emergency generators and boilers. Line leak detectors (LLD) recently installed were tested. LLD for emergency generator provides alarm. LLD for boiler provides turbine shutdown. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 8/18/2020. DUSTO monthly reports and employee training documentation was reviewed and current. Submit a copy of the monitoring system certification, spill bucket, and overfill prevention inspection test report [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by David Walker of Belshire Environmental Services and Mr. Walker has all required certifications to perform the testing. System performed as designed with the exception noted in violation field. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Site Address: 250 HOSPITAL PKWY
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 01-08-2015

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 127196
Facility Name: Kaiser Permanente San Jose Medical Center Hospital
Env Int Type Code: HWG
Program ID: 10120171
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.239340
Longitude: -121.800200

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Environmental Contact
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: 255 International Circle. Attn Safety
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 255 International Circle
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Affiliation Phone: (510) 987-1000,

Affiliation Type Desc: UST Tank Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: ONE KAISER PLAZA
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Property Owner Name
Entity Name: KAISER FOUNDATION HOSPITALS
Entity Title: Not reported
Affiliation Address: ONE KAISER PLAZA
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: KAISER FOUNDATION HOSPITALS
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 987-1000,

Affiliation Type Desc: UST Tank Operator
Entity Name: Kaiser Foundation Hospitals - ATTN: Keefe Fields
Entity Title: Not reported
Affiliation Address: 250 HOSPITAL PKWY.
Affiliation City: SAN JOSE

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95119
Affiliation Phone:	(408) 972-7111,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	RICARDO LLANAS
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7564,

A9 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **UST FINDER** **1028181975**
Target **250 HOSPITAL PKWY** **N/A**
Property **SAN JOSE, CA 95119**

Site 9 of 11 in cluster A

Actual:
192 ft.

UST FINDER:

Object ID:	726206
Facility ID:	CA10120171
Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Address Match Type:	PointAddress
Open USTs:	1
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	1326
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **1028181975**

SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.800430986
Y Coord:	37.240125005
Latitude:	37.2401250047796
Longitude:	-121.800430986006

UST FINDER:

Object ID:	2244712
Facility ID:	CA10120171
Tank ID:	CA10120171-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1999/03/23 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Diesel
Tank Wall Type:	Double Wall

A10 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **CUPA Listings** **S124745990**
Target **250 HOSPITAL PY** **HWTS** **N/A**
Property **SAN JOSE, CA 95119**

Site 10 of 11 in cluster A

Actual: 192 ft.

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	LQ06
Program Description:	GENERATES 5 TO <25 TONS/YR (RCRA LQG)
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.239314
Longitude:	-121.800808
Record ID:	PR0313114
Facility ID:	FA0208083

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S124745990**

Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier: Not reported
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0395988
Facility ID: FA0208083

Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP05
Program Description: HMBP FACILITY, 16-21 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0395989
Facility ID: FA0208083

Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP09
Program Description: HMBP FAC, $152 FOR EACH ADDITIONAL 6 CHEMS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0401459
Facility ID: FA0208083

HWTS:
Name: SANTA TERESA COMMUNITY HOSP
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAD981462633
Inactive Date: 06/30/1996
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 250 HOSPITAL PARKWAY
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951190000
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: INACTIVE PER VQ96 PER SANDRA
Contact Address: K. MILLER
Contact Address 2: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S124745990**

City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.239333
Longitude:	-121.802879

B11 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **CERS HAZ WASTE** **S121741958**
256 INTERNATIONAL CIR **CERS TANKS** **N/A**
< 1/8 **SAN JOSE, CA 95119** **CERS**
1 ft.

Site 1 of 18 in cluster B

Relative: Higher
Actual: 192 ft.

CERS HAZ WASTE:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127194
CERS ID:	10443271
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127194
CERS ID:	10443271
CERS Description:	Underground Storage Tank

CERS:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127194
CERS ID:	10443271
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	127194
Site Name:	Kaiser Permanente San Jose Medical Center Call Center
Violation Date:	01-07-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 02/11/2016. Spill bucket was hydrostatically tested and observed a drop of liquid level. Technician suspects failure is at the drain valve and will clean it and re-test. The retest will not be witnessed by an inspector. If failure is caused by anything other than drain valve, a permit is required from our office to perform a repair.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Violation Source: CERS,

Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Violation Date: 12-18-2020
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/27/2021. Facility failed to have their Certification of Financial Responsibility witnessed or notarized.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Violation Date: 01-24-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/09/2017. Facility failed to report UPS battery electrolyte. Volume at this location appeared to be equal to or more than most other locations that reported material over threshold amount (55 gallons).
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Violation Date: 01-24-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 02/09/2017. Facility last submitted a complete hazardous materials business plan in CERS on 8-18-2014.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Violation Date: 01-08-2015
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description: Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes: Returned to compliance on 06/09/2015. VISUAL INSPECTION PRECEDED TESTING OF SUMP AND THE PIPING DETERMINED THAT IT WAS UNABLE TO BE TESTED DUE TO CATASTROPHIC FAILURE. VACUUM TEST OF TANK, UNABLE TO CREATE VACUUM, UNABLE TO TEST.
Violation Division: Santa Clara County Environmental Health

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE (256 International Cir.) FOR 2015 UST MONITORING SYSTEM TEST AND CERTIFICATION, INCLUDING SPILL BUCKET TESTING. JIM , ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW DAVID WALKER, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL ICC 921973 1/2/2016 A-32030-IV 11/20/2016 RICARDO GUIDO, DUSTO, BELSHIRE ENVIRONMENTAL, ON SITE. ICC# 8248177, EXP 2/20/2016 RONAN MONITOR SYSTEM, SYSTEM SET-UP AND ALARM HISTORY NOT AVAILABLE. DUSTO MONTHLY REPORTS ON SITE, OK TRAINIG CONDUCTED AND RECORDED, OK CERS REVIEW, OK SPILL BUCKET TEST, IN SUMP, WATER TEST, 11" AT 11:48. ANNULAR SENSOR, AUDIO AND VISUAL ALARM, OK SUMP SENSOR, AUDIO AND VISUAL ALARM, OK NOTE: SUBMIT THE UST MONITORING SYSTEM CERTIFICATION TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/16/2021 and concluded today with delivery of this report UST supplies fuel for an emergency generator. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 12/4/2021. DUSTO monthly reports, employee training documentation, and daily visual inspection checklists were reviewed and current. Submit a copy of the monitoring system certification, and spill bucket, inspection test report within 30 days of the test date.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by David Walker of Belshire Environmental Services and Mr. Walker has all required certifications to perform the testing. System performed as designed with no exceptions. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See report for 250 Hospital Parkway.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness the annual monitoring system certification and spill bucket testing performed by Mr. Jeff Badders (certifications current) of Belshire Environmental Services, Inc. Also present was Meng Yuan, Designated Operator, Belshire Environmental Services, Inc. UST system supplies a backup generator via suction to a day tank. The annular space and sumps are monitored by a Ronan X76S panel. The annular and sump sensors were tested in water and provided audible and visible alarms. Overfill protection is provided in the tank by a flapper valve in the fill riser. The spill bucket is direct buried was hydrostatically tested with the Incon Accelerated testing apparatus. Observed a passing test result printout. Reviewed DUSTO Monthly Reports, DUSTO Training records, testing reports and maintenance documentation. Tank and monitoring system information submitted to the California Environmental Reporting System (CERS) on 4/18/2017 is accurate as [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness the annual monitoring system certification and spill bucket testing performed by Mr. David Walker of Belshire Environmental Services, Inc. Mr. Walker has all required certifications (eg. ICC technician, Ronan) UST system supplies a backup generator via suction to a day tank. System performed as designed without exception. Reviewed documentation including: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. UST supplies fuel for an emergency generator. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. UST system uses mechanical overfill prevention valve as means of overfill prevention. 100% tank capacity = 1,009 gallons 95% tank capacity = 959 gallons or 43 1/8" Actual: 36" or 81% shut off. PASS Facility's last CERS submittal was 10/1/2020. DUSTO monthly reports, employee training documentation, and daily visual inspection checklists were reviewed and current. Submit a copy of the [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-08-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE (256 iNTERNATIONAL) FOR 2015 UST SECONDARY CONTAINMENT TESTING (SB-989) KEEFE FIELDS, CHIEF ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW. STEVE REED, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL, ON SITE TO CONDUCT MON CERT TESTING ICC #8084355 EXP. 6/29/2015 FRANKLIN FUEL/INCON 154783703 4/9/2015 ONE 1,000 GALLON UST ONE SUMP, TWO PIPING RUNS, SUPPLY AND RETURN TO DAY TANK OF GENERATOR. NO DISPENSERS VISUAL INSPECTION PRECEDED TESTING OF SUMP IDENTIFIED CRACKS IN THE SUMP, UNABLE TO TEST, FAIL. VISUAL INSPECTION PRECEDED TESTING OF PIPING IDENTIFIED CRACKS IN THE PIPING, UNABLE TO TEST, FAIL. VACUUM TEST OF TANK, UNABLE TO CREATE VACUUM, UNABLE TO TEST, FAIL. NOTE: SUBMIT THE SECONDARY CONTAINMENT TESTING REPORT TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to perform an inspection of the underground storage tank system (UST) and witness the annual monitoring certification and spill bucket testing performed by David Walker with Belshire Environmental Services. Mr. Walker has all required certifications to perform the testing. Monitoring system performed as required. Observed a drop of water level while testing spill bucket. See violation. Reviewed the following paperwork: Operating Permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Setup Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2022

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Isaac Anderson of Alltech Petro. Mr. Anderson's certifications were verified and current. UST supplies fuel for an emergency generator. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 9/1/2022 DUSTO monthly reports, employee training documentation, and daily visual inspection checklists were reviewed and current. Submit a copy of the monitoring system certification and spill bucket test reports within 30 days of the test date.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by Mark Riley of Belshire Environmental Services Inc. Mr. Riley does not have a current/valid Ronan certification required to test the system. The annular space and sumps are monitored by a Ronan X76S panel. UST system supplies a backup generator via suction to a day tank. Spill bucket tested for 1 hour. PASS. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records NOTE: Ensure a technician with appropriate certifications performs the annual monitoring certification within this calendar month of December 2018. Failure to test by this date will result in a violation.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to witness secondary containment testing with Jeff Badders of Belshire Environmental Services. Mr. Badder's, certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. Tank annular space was tested for at least 60 minutes with 10 inches of vacuum. Piping sump was hydrostatically tested using the INCON accelerated test method. Secondary piping was tested using 5 psi for at least 60 minutes. These components all passed secondary containment testing today. Submit a copy of the secondary containment test report to our office within 30 days of the test date.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Diesel Battery Electrolyte
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site, 265 International, Kaiser, to observe re-testing of UST Secondary Containment Testing (SB-989) Keefe Fields, Chief Engineer, contact on site to facilitate access. keefe.fields@kp.org Saul Gonzalez, UST Service Tech, Belshire Environmental, lead conducting testing on the UST ICC 5254881, UST Serv Tech, exp. 10/25/2015, Instal/Retrofit exp. 6/21/2015 Franklin Fueling - Incon -Level 4, Cert #7385133703, exp. June 17, 2016. UST Secondary Containment - Under Vac., 11 in. vac, >60 minutes, OK Product Piping, Under pressure, 5.3 psi, > 60 minutes, no drop observed. OK Sump, Lake Test, water. Incon accelerated test, 15 minutes. OK NOTE: submit the Secondary Containment Testing Report to this office within 30 days.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Site Address: 256 INTERNATIONAL CIR
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 01-08-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 255 International Circle
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	96412
Affiliation Phone:	(510) 271-5800,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 1950 Franklin Street
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 987-1000,

Affiliation Type Desc: UST Permit Applicant
Entity Name: RICARDO LLANAS
Entity Title: CHIEF ENGINEER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7564,

Affiliation Type Desc: UST Tank Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: ONE KAISER PLAZA
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

Affiliation Type Desc: Environmental Contact
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: 255 International Circle, Attn. Safety
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Operator
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 256 INTERNATIONAL CIRCLE
Affiliation City: SAN JOSE

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95119
Affiliation Phone: (408) 972-3000,

C12 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEER** **FINDS** **1023318481**
255 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 1 of 9 in cluster C

Relative: Higher
Actual: 193 ft.

FINDS:
Registry ID: 110066119060

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B13 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER SERVICE** **CERS** **S121778248**
258 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 2 of 18 in cluster B

Relative: Higher
Actual: 192 ft.

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER SERVICE BUILDING
Address: 258 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41030
CERS ID: 10443541
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. SERVICE BUILDINGS; CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

KAISER PERMANENTE SAN JOSE MEDICAL CENTER SERVICE BUILDING (Continued) **S121778248**

Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Facility reported multiple items that were not observed on-site. Determine if these are present and modify the inventory on CERS if needed.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: 255 International Circle, Attn Safety
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7000,

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER SERVICE BUILDING (Continued) **S121778248**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B14 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **UST FINDER** **1028191008**
256 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 3 of 18 in cluster B

Relative: UST FINDER:
Higher

Object ID:	735239
Facility ID:	CA10443271
Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119

Actual:
192 ft.

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **1028191008**

Address Match Type:	StreetAddress
Open USTs:	1
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	1221
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, High Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.800481774
Y Coord:	37.2405220250001
Latitude:	37.2405220252036
Longitude:	-121.800481774443

UST FINDER:

Object ID:	2269557
Facility ID:	CA10443271
Tank ID:	CA10443271-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1999/03/23 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	1000
Substances:	Diesel
Tank Wall Type:	Double Wall

B15 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **CUPA Listings** **S105990208**
256 INTERNATIONAL CL **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 4 of 18 in cluster B

Relative: Higher
Actual: 192 ft.

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.240619
Longitude:	-121.800473

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S105990208**

Record ID:	PR0395984
Facility ID:	FA0700503
Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240619
Longitude:	-121.800473
Record ID:	PR0395985
Facility ID:	FA0700503
Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.240619
Longitude:	-121.800473
Record ID:	PR0415244
Facility ID:	FA0700503

D16 **SANTA TERESA CHEVRON** **EDR Hist Auto** **1021471294**
6090 COTTLE RD **N/A**
< 1/8 **SAN JOSE, CA 95123**
1 ft.

Site 1 of 11 in cluster D

Relative: EDR Hist Auto
Lower

Actual: **188 ft.**

Year:	Name:	Type:
1978	SANTA TERESA CHEVRON	Gasoline Service Stations
1979	SANTA TERESA CHEVRON	Gasoline Service Stations
1980	SANTA TERESA CHEVRON	Gasoline Service Stations
1982	SANTA TERESA CHEVRON	Gasoline Service Stations
1983	SANTA TERESA CHEVRON	Gasoline Service Stations
1985	SANTA TERESA CHEVRON	Gasoline Service Stations
1986	SANTA TERESA CHEVRON	Gasoline Service Stations
1987	SANTA TERESA CHEVRON	Gasoline Service Stations
1988	SANTA TERESA CHEVRON	Gasoline Service Stations
1989	SANTA TERESA CHEVRON	Gasoline Service Stations
1990	SANTA TERESA CHEVRON	Gasoline Service Stations
1991	SANTA TERESA CHEVRON	Gasoline Service Stations
1992	SANTA TERESA CHEVRON	Gasoline Service Stations
1993	SANTA TERESA CHEVRON	Gasoline Service Stations
1994	SANTA TERESA CHEVRON	Gasoline Service Stations

B17 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **UST** **U004355304**
256 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 5 of 18 in cluster B

Relative: UST:
Higher

Actual: Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
192 ft. Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	Not reported
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	Not reported
Latitude:	37.24049
Longitude:	-121.80046
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0700503
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10443271
Latitude:	37.2404900

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **U004355304**

Longitude:	-121.800460
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	KAISER FOUNDATION HOSPITALS
Tank owner mailing address:	ONE KAISER PLAZA
Tank owner mailing city:	OAKLAND
Tank owner mailing zip:	94612
Tank owner mailing state:	CA
Tank operator name:	KAISER FOUNDATION HOSPITALS - ATTN: KEEFE FIELDS
Tank operator mailing address:	256 INTERNATIONAL CIRCLE
Tank operator mailing city:	SAN JOSE
Tank operator mailing zip:	95119
Tank operator mailing state:	CA
Tankidnumber:	INTERNATIONAL CIRCLE
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/23/1999 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	1000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Conventional Suction
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

B18 **KAISER PERMANENTE (OFFICE-PHONE CTR)** **HAZMAT** **S106779202**
256 INTERNATIONAL CL A **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 6 of 18 in cluster B

Relative: SAN JOSE HAZMAT:
Higher

Name:	KAISER PERMANENTE (OFFICE-PHONE CTR)
Address:	256 INTERNATIONAL CL A
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	407678
Class:	Misc. Complex firms and labs

Actual:
192 ft.

A19 **KAISER PERMANENTE (HOSPITAL)** **SWEEPS UST** **S105419767**
250 HOSPITAL PY HIRISE **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 11 of 11 in cluster A

Relative: **Lower**

Actual: **191 ft.**

SWEEPS UST:

Name:	SANTA TERESA COMM HOSPITAL
Address:	250 HOSPITAL PY
City:	SAN JOSE
Status:	Active
Comp Number:	403211
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-403211-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	SANTA TERESA COMM HOSPITAL
Address:	250 HOSPITAL PY
City:	SAN JOSE
Status:	Active
Comp Number:	403211
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-403211-000002
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (HOSPITAL)
Address:	250 HOSPITAL PY HIRISE
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	403211
Class:	Misc. Complex firms and labs

B20 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S106916675**
258 INTERNATIONAL CL **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 7 of 18 in cluster B

Relative: Higher
Actual: 192 ft.

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	258 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.2402759
Longitude:	-121.7994112
Record ID:	PR0401328
Facility ID:	FA0269681

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	258 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.2402759
Longitude:	-121.7994112
Record ID:	PR0401329
Facility ID:	FA0269681

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (SERVICE BLDG)
Address:	258 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	406400
Class:	Misc. Complex firms and labs

B21 **KAISER SERVICE BLDG** **UST** **U004348004**
256 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 8 of 18 in cluster B

Relative: Higher
Actual: 192 ft.

UST:

Name:	KAISER SERVICE BLDG
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	406400
Permitting Agency:	SAN JOSE, CITY OF
CERSID:	Not reported
Latitude:	37.24041
Longitude:	-121.79991
Owner type:	Not reported

KAISER SERVICE BLDG (Continued) **U004348004**

Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

B22 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER SERVICE** **FINDS** **1023252429**
258 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 9 of 18 in cluster B

Relative: **Higher**

Actual: **192 ft.**

FINDS:
Registry ID: 110065411824

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B23 **OUT OF BUSINESS (DUP TO 407678)** **HAZMAT** **S122499625**
256 INTERNATIONAL CL **N/A**
< 1/8 **SAN JOSE, CA**
1 ft.

Site 10 of 18 in cluster B

Relative: SAN JOSE HAZMAT:
Higher
Name: OUT OF BUSINESS (DUP TO 407678)
Actual: Address: 256 INTERNATIONAL CL
192 ft. City,State,Zip: SAN JOSE, CA
Region: SAN JOSE
File Num: 495509
Class: Misc. Complex firms and labs

E24 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BU** **FINDS** **1023319652**
280 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 1 of 2 in cluster E

Relative: FINDS:
Lower
Registry ID: 110066131938
Actual:
191 ft. Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B25 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **FINDS** **1023215880**
256 INTERNATIONAL CIR **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 11 of 18 in cluster B

Relative: FINDS:
Higher
Registry ID: 110065016654
Actual:
192 ft. Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C26 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEER** **CERS HAZ WASTE** **S121741959**
255 INTERNATIONAL CIR **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 2 of 9 in cluster C

Relative: Higher

Actual: 193 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING
Address: 255 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127195
CERS ID: 10420696
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING
Address: 255 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127195
CERS ID: 10420696
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 127195
Site Name: Kaiser Permanente San Jose Medical Center Engineering
Violation Date: 01-24-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/09/2017. Facility failed to report oxygen. Observed oxygen in a 249 Cu Ft and 1 approximately 150 Cu Ft cylinder.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Refrigerants Acetylene Waste Oil Oxygen Note: Include EPA ID # in facility information page.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See report for 250 Hospital Parkway.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING (Continued) **S121741959**

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,

Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING (Continued) **S121741959**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

C27 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S105419769**
255 INTERNATIONAL CL AR 19 **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 3 of 9 in cluster C

Relative: CUPA SANTA CLARA:
Higher

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	255 INTERNATIONAL CL AR 19
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.240405
Longitude:	-121.800444
Record ID:	PR0401463
Facility ID:	FA0700502
Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	255 INTERNATIONAL CL AR 19

Actual:
193 ft.

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S105419769**

City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240405
Longitude:	-121.800444
Record ID:	PR0397429
Facility ID:	FA0700502

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (ENGINEERING BLDG)
Address:	255 INTERNATIONAL CL AR 19
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	475210
Class:	Misc. Complex firms and labs

E28 **SANTA TERESA BRANCH LIBRARY** **CIWQS** **S121671765**
290 INTERNATIONAL CIRCLE **N/A**
< 1/8 **SAN JOSE, CA 95119**
1 ft.

Site 2 of 2 in cluster E

Relative: **Lower**

Actual: **191 ft.**

CIWQS:

Name:	SANTA TERESA BRANCH LIBRARY
Address:	290 INTERNATIONAL CIRCLE
City,State,Zip:	SAN JOSE, CA 95119
Agency:	San Jose City
Agency Address:	200 E Santa Clara St, San Jose, CA 95113
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	2 43C351563
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	04/16/2008
Termination Date:	04/12/2010
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

F29 **GREAT OAKS WATER COMPANY WELL 10** **CUPA Listings** **S121287927**
SE **275 INTERNATIONAL CL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.005 mi.
28 ft. **Site 1 of 3 in cluster F**

Relative: CUPA SANTA CLARA:
Higher

Actual: Name: GREAT OAKS WATER COMPANY WELL 10
193 ft. Address: 275 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4082279450
UDF Email: Not reported
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.2406438
Longitude: -121.8007242
Record ID: PR0428527
Facility ID: FA0285821

G30 **SANTA TERESA INC** **EDR Hist Auto** **1020276193**
SW **6210 SANTA TERESA** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.012 mi.
62 ft. **Site 1 of 13 in cluster G**

Relative: EDR Hist Auto
Lower

Actual:
188 ft.

Year:	Name:	Type:
1972	SANTA TERESA UNION	Gasoline Service Stations
1973	SANTA TERESA UNION	Gasoline Service Stations
1976	SANTA TERESA INC	Gasoline Service Stations

F31 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S105799638**
SSE **276 INTERNATIONAL CL** **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
90 ft. **Site 2 of 3 in cluster F**

Relative: CUPA SANTA CLARA:
Higher

Actual: Name: KAISER PERMANENTE-SJ MEDICAL CENTER
192 ft. Address: 276 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.2400876
Longitude: -121.803083
Record ID: PR0401332
Facility ID: FA0269683

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 276 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S105799638**

Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.2400876
Longitude: -121.803083
Record ID: PR0401333
Facility ID: FA0269683

SAN JOSE HAZMAT:
Name: KAISER PERMANENTE (MEDICAL OFFICE)
Address: 276 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 407688
Class: Misc. Complex firms and labs

F32 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC** **CERS HAZ WASTE** **S121778243**
SSE **276 INTERNATIONAL CIR** **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
90 ft. **Site 3 of 3 in cluster F**

Relative:
Higher

Actual:
192 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC
Address: 276 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41029
CERS ID: 10447246
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC
Address: 276 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41029
CERS ID: 10447246
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See report for 250 Hospital Parkway.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC (Continued) **S121778243**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals

KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC (Continued) **S121778243**

Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

C33 **KAISER PERMANENTE (MEDICAL OFFICE)** **HAZMAT** **S106779371**
NE **270 INTERNATIONAL CL 1** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
92 ft. **Site 4 of 9 in cluster C**

Relative: **Higher**
Actual: **193 ft.**

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (MEDICAL OFFICE)
Address:	270 INTERNATIONAL CL 1
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	407687
Class:	Misc. Complex firms and labs

C34 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S112345992**
NE **270 INTERNATIONAL CL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
92 ft. **Site 5 of 9 in cluster C**

Relative: **Higher**
Actual: **193 ft.**

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	270 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S112345992**

PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.240527
Longitude: -121.80041
Record ID: PR0401337
Facility ID: FA0269686

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 270 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.240527
Longitude: -121.80041
Record ID: PR0423977
Facility ID: FA0269686

C35 **KAISER PERMANENTE SJ MEDICAL CENTER 1** **HAZMAT** **S122499632**
NE **260 INTERNATIONAL CL BLDG ONE NORTH** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
92 ft. **Site 6 of 9 in cluster C**

Relative: **Higher**
Actual: **193 ft.**

SAN JOSE HAZMAT:
Name: KAISER PERMANENTE SJ MEDICAL CENTER 1
Address: 260 INTERNATIONAL CL BLDG ONE NORTH
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 600406
Class: Auto Wrecking/Misc Simple Facility

C36 **KAISER SERVICE BLDG** **SWEEPS UST** **S106928065**
NE **260 INTERNATIONAL CL** **CUPA Listings** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
92 ft. **Site 7 of 9 in cluster C**

Relative: **Higher**
Actual: **193 ft.**

SWEEPS UST:
Name: KAISER SERVICE BLDG
Address: 260 INTERNATIONAL CL
City: SAN JOSE
Status: Active
Comp Number: 406400
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-406400-000001
Tank Status: A

KAISER SERVICE BLDG (Continued) **S106928065**

Capacity: Not reported
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CUPA SANTA CLARA:
Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 260 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.240746
Longitude: -121.799225
Record ID: PR0401324
Facility ID: FA0269679

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 260 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.240746
Longitude: -121.799225
Record ID: PR0423976
Facility ID: FA0269679

C37 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH** **CERS HAZ WASTE** **S121778237**
NE **260 INTERNATIONAL CIR** **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.017 mi.
92 ft. **Site 8 of 9 in cluster C**

Relative:
Higher

Actual:
193 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH
Address: 260 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41026
CERS ID: 10443550
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH
Address: 260 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41026
CERS ID: 10443550
CERS Description: Chemical Storage Facilities

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH (Continued) **S121778237**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	See inspection report dated 12-8-2015 for 250 Hospital Parkway (FA0208083).
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Liquid Nitrogen
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH (Continued) **S121778237**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	96412
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Document Preparer
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

C38
NE
< 1/8
0.017 mi.
92 ft.

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH
270 INTERNATIONAL CIR
SAN JOSE, CA 95119

Site 9 of 9 in cluster C

CERS HAZ WASTE
CERS

S121778240
N/A

Relative:
Higher

Actual:
193 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH
Address: 270 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41027
CERS ID: 10445290
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH
Address: 270 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41027
CERS ID: 10445290
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: UPS Battery Electrolyte
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See inspection report dated 12-8-2015 for 250 Hospital Parkway (FA0208083).
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH (Continued) **S121778240**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Document Preparer
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Environmental Contact

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH (Continued) **S121778240**

Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

D39 **SANTA TERESA CHEVRON** **UST FINDER** **1028188865**
SW **6096 COTTLE RD** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 2 of 11 in cluster D**

Relative: **Lower**
Actual: **188 ft.**

UST FINDER:

Object ID:	733096
Facility ID:	CA10354456
Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Address Match Type:	PointAddress
Open USTs:	4
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	2468
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.803127025
Y Coord:	37.2375230110001
Latitude:	37.2375230105769

SANTA TERESA CHEVRON (Continued) **1028188865**

Longitude: -121.803127025162

UST FINDER:

Object ID: 2263502
Facility ID: CA10354456
Tank ID: CA10354456-001_A Stand-alone Tank_1
Tank Status: Open
Installation Date: 1995/01/15 15:59:59+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Premium Unleaded
Tank Wall Type: Double Wall

Object ID: 2263503
Facility ID: CA10354456
Tank ID: CA10354456-002_A Stand-alone Tank_1
Tank Status: Open
Installation Date: 1995/01/15 15:59:59+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Diesel
Tank Wall Type: Double Wall

Object ID: 2263504
Facility ID: CA10354456
Tank ID: CA10354456-003_A Stand-alone Tank_1
Tank Status: Open
Installation Date: 1995/01/15 15:59:59+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Regular Unleaded
Tank Wall Type: Double Wall

Object ID: 2263505
Facility ID: CA10354456
Tank ID: CA10354456-004_A Stand-alone Tank_1
Tank Status: Open
Installation Date: 1988/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 1000
Substances: Used Oil
Tank Wall Type: Double Wall

D40 **CHEVRON STATION 90038** **RCRA NonGen / NLR** **1005441223**
SW **6096 COTTLE RD** **FINDS** **CAR000116848**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 3 of 11 in cluster D**

Relative: **Lower**

Actual: **188 ft.**

RCRA Listings:

Date Form Received by Agency: 20200722
Handler Name: Chevron Station 90038
Handler Address: 6096 COTTLE RD
Handler City,State,Zip: SAN JOSE, CA 95123-4408
EPA ID: CAR000116848
Contact Name: KATHY NORRIS
Contact Address: P O BOX 6004

CHEVRON STATION 90038 (Continued) **1005441223**

Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	925-842-5931
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	Chevron Products Company
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200722
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CHEVRON STATION 90038 (Continued) **1005441223**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D018
Waste Description: Benzene

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON PRODUCTS COMPANY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-5931
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON PRODUCTS COMPANY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-5931
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200722
Handler Name: CHEVRON STATION 90038
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20020516
Handler Name: CHEVRON STATION 90038
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

CHEVRON STATION 90038 (Continued) **1005441223**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012545870

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D41 **CHEVRON** **LUST** **S110060579**
SW **6096 COTTLE** **Cortese** **N/A**
< 1/8 **SAN JOSE, CA 95123** **HIST CORTESE**
0.017 mi. **CERS**
92 ft. **Site 4 of 11 in cluster D**

Relative:
Lower

Actual:
188 ft.

LUST:

Name:	CHEVRON #9-0038
Address:	6096 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501820
Global Id:	T0608501820
Latitude:	37.2373333333333
Longitude:	-121.803416666667
Status:	Completed - Case Closed
Status Date:	09/25/2007
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	08S2E18E01f
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Digitized From APN (Acessor Parcel Maps)
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	11/04/1994
Leak Reported Date:	05/01/1995
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	09/25/2007
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608501820
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 01/13/1998
Action: Staff Letter - #19018

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 03/12/1998
Action: Staff Letter - #19027

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 04/30/1998
Action: Staff Letter - #19033

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/10/1998
Action: Staff Letter - #19037

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 07/15/1998
Action: Staff Letter - #19043

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/13/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2002
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 06/15/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/20/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/14/1998
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/31/2004
Action: Remedial Progress Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/31/1999
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/31/1999
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/20/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/1998
Action: Soil and Water Investigation Report

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/01/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: REMEDIATION
Date: 03/01/1998
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501820
Action Type: REMEDIATION
Date: 12/01/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501820
Action Type: REMEDIATION
Date: 04/01/1998
Action: Excavation

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 08/24/2006
Action: * No Action - #60428

Global Id: T0608501820
Action Type: Other
Date: 11/04/1994
Action: Leak Discovery

Global Id: T0608501820
Action Type: Other
Date: 05/01/1995
Action: Leak Reported

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 10/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/24/2006
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/05/1998
Action: NPDES / WDR Reports

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/30/1998
Action: Staff Letter - #19047

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 07/30/1998
Action: Staff Letter - #19045

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 10/21/2000
Action: Staff Letter - #19062

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 12/02/2000
Action: Staff Letter - #19064

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 03/09/2001
Action: Staff Letter - #19066

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/08/2001
Action: Staff Letter - #19072

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 08/28/2001
Action: Staff Letter - #19074

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 12/10/2001
Action: Staff Letter - #19080

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 05/01/2002
Action: Staff Letter - #38432

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 11/01/2003
Action: Staff Letter - #43922

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 10/01/2004
Action: Staff Letter - #45931

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 01/10/2006
Action: Staff Letter - #600110

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 09/25/2007
Action: Closure/No Further Action Letter - #72529

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: Other Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/31/2005
Action: Remedial Progress Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/29/1999
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 08/31/2006
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/12/1990
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/11/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/29/1999
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/29/2004
Action: Remedial Progress Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/19/2000
Action: Verbal Communication

Global Id: T0608501820
Action Type: RESPONSE
Date: 12/01/1999
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 09/24/2007
Action: Well Destruction Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/01/2002
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 05/13/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 09/05/2006
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/13/1998
Action: Other Workplan

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 03/17/1997
Action: Notice of Responsibility - #39260

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 12/16/1997
Action: Staff Letter - #19052

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 02/05/1998
Action: Staff Letter - #19023

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 02/18/1998
Action: Staff Letter - #19025

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 04/15/1998
Action: Staff Letter - #19031

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 05/20/1998
Action: Staff Letter - #19035

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/08/1998
Action: Staff Letter - #19041

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/15/1998
Action: Staff Letter - #19039

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 11/01/2006
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 02/27/1998
Action: Interim Remedial Action Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/21/2005
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 09/24/2007
Action: Well Destruction Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/20/1998
Action: Unauthorized Release Form

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/21/2005
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/05/2000
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/26/1989
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/14/1998
Action: CAP/RAP - Other Report

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 09/25/2007
Action: Closure/No Further Action Letter

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 09/25/2007
Action: Closure/No Further Action Letter

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 02/17/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 03/13/1998
Action: Interim Remedial Action Plan

Global Id: T0608501820
Action Type: RESPONSE
Date: 03/20/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2001
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0608501820
Status: Open - Case Begin Date
Status Date: 11/04/1994

Global Id: T0608501820
Status: Open - Site Assessment
Status Date: 11/30/1994

Global Id: T0608501820
Status: Open - Remediation
Status Date: 03/01/1998

Global Id: T0608501820
Status: Open - Site Assessment
Status Date: 04/01/1998

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Status: Open - Remediation
Status Date: 08/14/1998

Global Id: T0608501820
Status: Open - Verification Monitoring
Status Date: 02/22/2005

Global Id: T0608501820
Status: Completed - Case Closed
Status Date: 09/25/2007

LUST SANTA CLARA:
Name: CHEVRON #9-0038
Address: 6096 COTTLE RD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18E01F
Date Closed: 09/25/2007
EDR Link ID: 08S2E18E01F

CORTESE:
Name: CHEVRON #9-0038
Address: 6096 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608501820
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: CHEVRON
edr_fadd1: 6096 COTTLE
City,State,Zip: SAN JOSE, CA 95123
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1902

CHEVRON (Continued) **S110060579**

CERS:
- Name: CHEVRON #9-0038
- Address: 6096 COTTLE ROAD
- City,State,Zip: SAN JOSE, CA 95123
- Site ID: 643591
- CERS ID: T0608501820
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

D42 **CHEVRON STATION #90038** **CUPA Listings** **S113176556**
SW **6096 COTTLE RD** **HWTS** **N/A**
< 1/8 **SAN JOSE, CA 95123** **HAZNET**
0.017 mi. **CERS**
92 ft. **Site 5 of 11 in cluster D**

Relative: **Lower**
Actual: **188 ft.**

CUPA SANTA CLARA:
- Name: CHEVRON STATION #90038
- Address: 6096 COTTLE RD
- City,State,Zip: SAN JOSE, CA 95123
- Region: SANTA CLARA
- Telephone: 5555555555
- UDF Email: permitdesk@chevron.com
- PE#: 2205
- Program Description: GENERATES 100 KG YR TO <5 TONS/YR
- Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
- Latitude: 37.237437
- Longitude: -121.803236
- Record ID: PR0313410
- Facility ID: FA0268154

- Name: CHEVRON STATION #90038
- Address: 6096 COTTLE RD
- City,State,Zip: SAN JOSE, CA 95123
- Region: SANTA CLARA
- Telephone: 5555555555
- UDF Email: permitdesk@chevron.com
- PE#: 2501
- Program Description: HAZARDOUS MATERIALS BUSINESS PLAN
- Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
- Latitude: 37.237437
- Longitude: -121.803236
- Record ID: PR0395736
- Facility ID: FA0268154

HWTS:
- Name: CHEVRON STATION #90038

CHEVRON STATION #90038 (Continued) **S113176556**

Address:	6096 COTTLE RD
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAR000116848
Inactive Date:	07/22/2020
Create Date:	09/23/2002
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN RAMON, CA 948012106
Owner Name:	WALTRUST PROPERTIES INC
Owner Address:	PO BOX 6004
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN RAMON, CA 945830000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KWAME AWUKU
Contact Address:	6001 BOLLINGER CANYON RD.
Contact Address 2:	Not reported
City,State,Zip:	SAN RAMON, CA 94583
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.23591
Longitude:	-121.80375

NAICS:

EPA ID:	CAR000116848
Create Date:	2002-09-23 09:47:09.153
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2002-09-23 09:47:09.14000
Inactive Date:	2020-07-22 00:00:00
Facility Name:	CHEVRON STATION #90038
Facility Address:	6096 COTTLE RD
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951234408

EPA ID:	CAR000116848
Create Date:	2011-08-17 14:36:26.000
NAICS Code:	447110
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2002-09-23 09:47:09.14000
Inactive Date:	2020-07-22 00:00:00
Facility Name:	CHEVRON STATION #90038
Facility Address:	6096 COTTLE RD
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951234408

CHEVRON STATION #90038 (Continued) **S113176556**

HAZNET:

Name:	CHEVRON STATION #90038
Address:	6096 COTTLE RD
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951234408
Contact:	KATHY NORRIS-SLUSHER
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Year:	2014
Gepaid:	CAR000116848
TSD EPA ID:	CAD059494310
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.084
Year:	2014
Gepaid:	CAR000116848
TSD EPA ID:	CAD059494310
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Year:	2012
Gepaid:	CAR000116848
TSD EPA ID:	CAD044429836
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.085
Year:	2012
Gepaid:	CAR000116848
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.17
Year:	2012
Gepaid:	CAR000116848
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.075
Year:	2012
Gepaid:	CAR000116848
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	Not reported

CHEVRON STATION #90038 (Continued) **S113176556**

Year: 2012
Gepaid: CAR000116848
TSD EPA ID: CAD982444481
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.47

Year: 2011
Gepaid: CAR000116848
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15

Year: 2011
Gepaid: CAR000116848
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0725

Year: 2011
Gepaid: CAR000116848
TSD EPA ID: CAD982444481
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.147

Click this hyperlink while viewing on your computer to access
9 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAR000116848

Shipment Date: 20140407
Creation Date: 6/18/2014 22:14:45
Receipt Date: 20140415
Manifest ID: 006976621FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

CHEVRON STATION #90038 (Continued) **S113176556**

Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140407
Creation Date:	6/18/2014 22:14:45
Receipt Date:	20140415
Manifest ID:	006976619FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000116848
Shipment Date:	20120321
Creation Date:	5/5/2012 20:30:13
Receipt Date:	20120328
Manifest ID:	009503872JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported

CHEVRON STATION #90038 (Continued) **S113176556**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120109
Creation Date:	3/17/2012 20:30:10
Receipt Date:	20120113
Manifest ID:	008698107JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.47
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120109
Creation Date:	3/17/2012 20:30:10
Receipt Date:	20120113
Manifest ID:	008698107JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000116848

CHEVRON STATION #90038 (Continued) **S113176556**

Shipment Date:	20111230
Creation Date:	3/17/2012 20:30:10
Receipt Date:	20120105
Manifest ID:	008698033JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111230
Creation Date:	3/17/2012 20:30:10
Receipt Date:	20120105
Manifest ID:	008698033JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.147
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110316
Creation Date:	4/27/2011 18:30:52
Receipt Date:	20110318
Manifest ID:	007053728JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CHEVRON STATION #90038 (Continued) **S113176556**

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110316
Creation Date:	4/27/2011 18:30:52
Receipt Date:	20110318
Manifest ID:	007053728JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000116848

Shipment Date:	20100715
Creation Date:	9/30/2010 18:30:32
Receipt Date:	20100728
Manifest ID:	007024083JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CHEVRON STATION #90038 (Continued) **S113176556**

Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100715
Creation Date:	9/30/2010 18:30:32
Receipt Date:	20100728
Manifest ID:	007024083JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100518
Creation Date:	8/26/2010 18:30:08
Receipt Date:	20100524
Manifest ID:	002134974FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D001

CHEVRON STATION #90038 (Continued) **S113176556**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000116848
Shipment Date:	20071113
Creation Date:	2/29/2008 18:30:25
Receipt Date:	20071120
Manifest ID:	002084131JJK
Trans EPA ID:	CAR000162263
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAR000116848
Shipment Date:	20060705
Creation Date:	9/17/2006 18:31:02
Receipt Date:	20060712
Manifest ID:	24972916
Trans EPA ID:	CAR000162263
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0882
Waste Quantity:	21
Quantity Unit:	G

CHEVRON STATION #90038 (Continued) **S113176556**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060628
Creation Date:	9/13/2006 18:31:19
Receipt Date:	20060705
Manifest ID:	25146493
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SERVICES INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAR000116848
Shipment Date:	20050606
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050609
Manifest ID:	24143575
Trans EPA ID:	CAR000162263
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.693
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION #90038 (Continued) **S113176556**

Additional Info:

Year:	2004
Gen EPA ID:	CAR000116848
Shipment Date:	20041108
Creation Date:	1/28/2005 18:31:06
Receipt Date:	20041110
Manifest ID:	23560777
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SERVICES INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAR000116848
Shipment Date:	20030521
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030521
Manifest ID:	22265737
Trans EPA ID:	CAR000111146
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CHEVRON STATION #90038 (Continued) **S113176556**

CERS:
- Name: CHEVRON STATION #90038
- Address: 6096 COTTLE RD
- City,State,Zip: SAN JOSE, CA 951234408
- Site ID: 459168
- CERS ID: 110012545870
- CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
- Affiliation Type Desc: Environmental Contact
- Entity Name: KATHY NORRIS
- Entity Title: Not reported
- Affiliation Address: POBOX 6004
- Affiliation City: SANRAMON
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: ZSC SAN FRANCISCO BAY RWQCB REGN 2ND
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY STREETNA SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

D43 **SANTA TERESA CHEVRON** **UST** **U004266337**
SW **6096 COTTLE RD** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 6 of 11 in cluster D**

Relative:
Lower

Actual:
188 ft.

UST:
- Name: SANTA TERESA CHEVRON
- Address: 6096 COTTLE RD
- City,State,Zip: SAN JOSE, CA 95123
- Facility ID: FA0266694
- Permitting Agency: Santa Clara County Environmental Health
- CERSID: 10354456
- Latitude: 37.2374400
- Longitude: -121.803240
- Owner type: Non-Government
- Facility type: Motor Vehicle Fueling
- Num of inuse ust: Not reported
- Num of closed ust: 0
- Num of oos ust: 0
- Epa region: 9
- Tribal lands: No
- Tank owner name: Daryoush & Susan Saifi
- Tank owner mailing address: 6096 Cottle Rd
- Tank owner mailing city: San Jose
- Tank owner mailing zip: 95123
- Tank owner mailing state: CA
- Tank operator name: REO,Inc dba; Santa Teresa Chevron

SANTA TERESA CHEVRON (Continued) **U004266337**

Tank operator mailing address:	6096 Cottle Road
Tank operator mailing city:	San Jose
Tank operator mailing zip:	95123
Tank operator mailing state:	CA
Tankidnumber:	90038-4
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/1/1988 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Used Oil
Tank capacity gallons:	1000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Other
Tank piping type:	Gravity
Tank piping construction:	Other
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	No
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	FA0266694
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10354456
Latitude:	37.2374400
Longitude:	-121.803240
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Daryoush & Susan Saifi
Tank owner mailing address:	6096 Cottle Rd
Tank owner mailing city:	San Jose
Tank owner mailing zip:	95123
Tank owner mailing state:	CA
Tank operator name:	REO,Inc dba; Santa Teresa Chevron
Tank operator mailing address:	6096 Cottle Road
Tank operator mailing city:	San Jose
Tank operator mailing zip:	95123
Tank operator mailing state:	CA
Tankidnumber:	90038-3
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/15/1995 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	12000

SANTA TERESA CHEVRON (Continued) **U004266337**

Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	Not reported
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	Not reported
Latitude:	37.23744
Longitude:	-121.80324
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

SANTA TERESA CHEVRON (Continued) **U004266337**

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	FA0266694
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10354456
Latitude:	37.2374400
Longitude:	-121.803240
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Daryoush & Susan Saifi
Tank owner mailing address:	6096 Cottle Rd
Tank owner mailing city:	San Jose
Tank owner mailing zip:	95123
Tank owner mailing state:	CA
Tank operator name:	REO,Inc dba; Santa Teresa Chevron
Tank operator mailing address:	6096 Cottle Road
Tank operator mailing city:	San Jose
Tank operator mailing zip:	95123
Tank operator mailing state:	CA
Tankidnumber:	90038-2
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/15/1995 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	FA0266694
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10354456
Latitude:	37.2374400
Longitude:	-121.803240
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0

SANTA TERESA CHEVRON (Continued) **U004266337**

Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Daryoush & Susan Saifi
Tank owner mailing address:	6096 Cottle Rd
Tank owner mailing city:	San Jose
Tank owner mailing zip:	95123
Tank owner mailing state:	CA
Tank operator name:	REO,Inc dba; Santa Teresa Chevron
Tank operator mailing address:	6096 Cottle Road
Tank operator mailing city:	San Jose
Tank operator mailing zip:	95123
Tank operator mailing state:	CA
Tankidnumber:	90038-1
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/15/1995 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Premium Unleaded
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

D44 **CHEVRON #9-0038** **LUST** **S105030577**
SW **6096 COTTLE RD** **HIST LUST** **N/A**
< 1/8 **SAN JOSE, CA 95123** **CERS HAZ WASTE**
0.017 mi. **SWEEPS UST**
92 ft. **Site 7 of 11 in cluster D** **CERS TANKS**
CUPA Listings
Relative: **EMI**
Lower **HAZMAT**
Actual: **CERS**
188 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Remedial action (cleanup) Underway
Case Number:	08S2E18E01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/30/1994
Pollution Characterization Began:	1/16/1998
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	4/1/1998

CHEVRON #9-0038 (Continued) **S105030577**

Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
Name: Chevron #9-0038
Address: 6096 Cottle Rd
City: San Jose
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 08S2E18E01
Oversite Agency: SCCDEH
Date Listed: 1997-03-14 00:00:00
Closed Date: Not reported

CERS HAZ WASTE:
Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City,State,Zip: SAN JOSE, CA 95123
Site ID: 401453
CERS ID: 10354456
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400839-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400839-000002
Tank Status: A
Capacity: 10000

CHEVRON #9-0038 (Continued) **S105030577**

Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400839-000003
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400839-000004
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

CERS TANKS:
Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City,State,Zip: SAN JOSE, CA 95123
Site ID: 401453
CERS ID: 10354456
CERS Description: Underground Storage Tank

CUPA SANTA CLARA:
Name: SANTA TERESA CHEVRON

CHEVRON #9-0038 (Continued) **S105030577**

Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082267414
UDF Email:	Not reported
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.237452
Longitude:	-121.803212
Record ID:	PR0393798
Facility ID:	FA0266694

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082267414
UDF Email:	Not reported
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.237452
Longitude:	-121.803212
Record ID:	PR0397647
Facility ID:	FA0266694

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082267414
UDF Email:	Not reported
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.237452
Longitude:	-121.803212
Record ID:	PR0398081
Facility ID:	FA0266694

EMI:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000349726
Reactive Organic Gases Tons/Yr:	0.000349726
Carbon Monoxide Emissions Tons/Yr:	Not reported

CHEVRON #9-0038 (Continued) **S105030577**

NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

CHEVRON #9-0038 (Continued) **S105030577**

Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

SAN JOSE HAZMAT:

Name:	CHEVRON STATION #90038
Address:	6096 COTTLE RD 90038
City,State,Zip:	SAN JOSE, CA 95123
Region:	SAN JOSE
File Num:	400839
Class:	Gasoline Station

CERS:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	401453
CERS ID:	10354456
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description:	"Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at

CHEVRON #9-0038 (Continued) **S105030577**

installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."

Violation Notes: Triennial testing of secondary containment was last conducted May 2016. It was due by the end of May 2019.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-30-2021
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: The Overfill Prevention Equipment Inspection for this site has not occurred. It was due by 10/13/2018. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 3RD CONSECUTIVE YEAR.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 08-21-2019
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months

CHEVRON #9-0038 (Continued) **S105030577**

thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "

Violation Notes: 87, 91 and diesel spill buckets did not meet the 5 gallon minimum capacity requirement.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-29-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes: Returned to compliance on 09/21/2017. COMPLETE A NEW UST RESPONSE PLAN VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE TO DARYOUSH SAIFI.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 12-10-2020
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 04/29/2021. The DUSTO reports for August, September and October all had veeder root tape printouts that did not match the date of the DUSTO report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 04/30/2021. Manifest from 2017 (017786888JJK 10/10/17) used to ship "oily water" from tank testing. Please test all "test water" to ensure that it does not contain regulated levels of benzene as is found in gasoline, which is stored and handled by this facility.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022

CHEVRON #9-0038 (Continued) **S105030577**

Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	The Overfill Prevention Equipment Inspection for this site has not occurred. It was due by 10/13/2018. The DUSTO monthly reports incorrectly state that the last Overfill Prevention Equipment inspection was conducted on 4/29/21. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 4TH CONSECUTIVE YEAR.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an

CHEVRON #9-0038 (Continued) **S105030577**

inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Overfill prevention equipment inspection for this site has not occurred. This inspection was due by 10/13/18.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: - 1 x non-empty, 1 gallon container of "Synthetic DOT 3 + 4 Brake Fluid" was observed in the trash can in the middle of the service bay - 1 x non-empty, 1 gallon container of "Peak Eco Windshield Wash" was observed in the trash can near the front auto service entrance
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or

CHEVRON #9-0038 (Continued) **S105030577**

	debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	The DUSTO inspection reports note that the last Overfill Prevention Equipment Test date was 4/29/21. This is INCORRECT, as this test has not been conducted yet. Also, the DUSTO marked "yes" regarding Secondary Containment Testing being completed within the last 36 months. This is INCORRECT as the last date secondary containment testing was 5/9/2016.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-29-2015
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 07/22/2016. CERTIFICATION OF FINANCIAL RESPONSIBILITY WAS NOT AVAILABLE DURING THIS INSPECTION FOR THE NEW OWNER NAME; DARYOUSH SAIFI. PROVIDE CFR INFORMATION VIA CERS IMMEDIATELY.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 04/29/2021. No response has been received to the 2015, 2016 or 2017 inspections.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	No response to the Notice of Inspection dated 4/30/2021 is documented to be received by our office. Correct all outstanding violations and submit to HMCD within 30 days with responses written in the Notice of

CHEVRON #9-0038 (Continued) **S105030577**

	Violation for 4/30/2021 and today's NOI.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Facility is currently operating without a valid UST Permit to Operate due to outstanding violations that still need to be addressed. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 8TH CONSECUTIVE YEAR.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	The Veeder Root monitoring panel failed to produce an audible alarm when sensors were tested.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	The emergency response plan has not been updated since the facility changed ownership from Chevron Products Company to Reo, Inc. in October 28, 2014.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the CUPA.
Violation Notes:	Returned to compliance on 06/01/2017. Facility is operating without a permit. THIS IS THE THIRD CONSECUTIVE UST INSPECTION NOTING THIS VIOLATION.

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Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 04/30/2021. Facility is operating without a valid UST operating permit. Operating permit can not be issued until all violations (from this year and prior years) have been properly responded to. THIS IS THE FOURTH CONSECUTIVE UST INSPECTION WITH THIS VIOLATION.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Based on the number and type of violations observed, employees have not been provided with hazardous waste management training or the training provided has adequately ensured proper waste handling.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: 23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description: Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: Returned to compliance on 04/29/2021. Monthly DUSTO inspection reports could not be located during the inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical

CHEVRON #9-0038 (Continued) **S105030577**

	characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/29/2021. Labels on rolling oil collection carts is illegible 5 gallon bucket holding uncased filters at crusher is unlabeled. 5 gal pail for collection of oil under crusher is unlabeled. 10 gal steel container adjacent to crusher label is illegible and incorrect - can read "solid" but contents are clearly liquid.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Uncased filters (oily debris) marked with start date of 11/10/16.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-30-2016
Citation:	22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description:	Failure to retain for at least three years a legible copy of each manifest or bill of lading which identifies spent lead-acid storage batteries shipped to a person who stores the batteries or who uses, reuses, recycles or reclaims the batteries or their components.
Violation Notes:	Mr. Sirianni stated that used automotive batteries are exchanged for their core value with Interstate and observations made during inspection are consistent with this statement, but no bills of lading recording the shipment of used automotive batteries are available for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release

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	of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	The 87 and 91 PLLDs failed to function as required when a 3 gallon per hour leak was simulated at 10 psi. Notify our office at least 2 business days prior to when the replacement and retesting of this sensor will take place.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 04/30/2021. Facility is operating without a valid UST operating permit. Operating permit can not be issued until all violations(from this year and prior years) have been properly responded to.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Larger, Outside, Fenced-In Area: Free-flowing quantities of automotive transmission fluid (ATF) spilling from the ATF drum and used oil draining off of engines (covered by blue tarps) and other equipment is observed on the bermed, concrete pad. Additionally, significant quantities of dried, used oil residue is noted on the concrete pad and on the outside of the two, white 5 gallon buckets and one, blue 5 gallon bucket accumulating used oil.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 04/29/2021. No response has been received to the 2017, 2018, or 2019 inspection reports. This is a repeat

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violation. Within 30 days submit written corrective responses to the NOIs issued in 2017, 2018, 2019, and this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes: Returned to compliance on 05/10/2017. Facility conducted SB 989 triennial secondary containment testing in 2016 but has failed to provide a copy of the test results. Copy of this document was available onsite and was scanned by inspector. PLEASE BE AWARE THAT IT IS THE FACILITY'S RESPONSIBILITY TO ENSURE THAT TEST RESULTS ARE SUBMITTED.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 12-10-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Overfill prevention equipment inspection for this site has not occurred. This inspection was due by 10/13/18. Within 30 days, have a qualified service technician inspect the overfill prevention equipment and send a copy of the test reports to our office.
Violation Division: Santa Clara County Environmental Health

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Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-30-2021
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes: The most recent DUSTO training for facility employees was conducted on 1/7/2020. The DUSTO must provide training to facility employees at least once every 12 months. Within 30 days, have the DUSTO conduct training and ensure training records are retained on-site for review.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-09-2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes: Returned to compliance on 09/21/2017. COMPLETE A NEW UST RESPONSE PLAN VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE TO DARYOUSH SAIFI OR REO INC., AS THE NEW OWNER. THIS A REPEAT VIOLATION FROM INSPECTION ON 4/29/15.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/10/2017. Facility failed to respond to the 11/30/2016 notice of inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022
Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or

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discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."

Violation Notes: The last every-36-month UST Secondary Containment (SB-989) Testing was conducted on 5/9/2016. Facility is now overdue for SB-989 testing, as the next testing due date was by October 2018. NOTE: THIS HAS BEEN ESCALATED FROM CLASS II TO CLASS I DUE TO THE NATURE OF THE VIOLATION. THIS WAS ALSO PREVIOUSLY CITED ON THE 8/21/2019 and 4/30/2021 OFFICIAL NOTICE OF INSPECTIONS.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-29-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 07/22/2016. COMPLETE A UST MONITORING PLAN VIA CERS IMMEDIATELY.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: HSC 6.5 25250.7(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7(a)
Violation Description: Failure to prevent intentional contamination of used oil with other hazardous waste other than minimal amounts of vehicle fuel.
Violation Notes: Scott confirmed that used brake fluid is generated when it is necessary to bleed a customer’s brakes. It is also of note that a 1 gallon, non-empty container of brake fluid was observed in the facility’s trash can. Upon inquiry, Scott stated that used brake fluid is mixed with used oil for management and disposal as "used oil." Used oil being managed and disposed of as "used oil" cannot be mixed with anything other than minimal amounts of vehicle fuel. Otherwise, the co-mingled waste (i.e. used oil and used brake fluid mixture) must be managed as a fully-regulated hazardous waste. Please note that "minimal amounts of vehicle fuel" refers to small amounts of engine blow-by from normal use and does not include the intentional mixing of vehicle fuel with used oil.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection

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	report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes:	Returned to compliance on 05/10/2017. Facility has failed to respond to two prior years inspection reports and a limited inspection report issued in November 2016. Copy of RTC was available onsite, and a scan of the document was taken by inspector. PLEASE BE AWARE THAT IT IS FACILITY'S RESPONSIBILITY TO ENSURE SUBMITTAL WITHIN 30 DAYS AND NOT WAIT UNTIL NEXT INSPECTION.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	The facility has not reviewed and certified the HMBP since 7/13/2015.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/29/2021. Documentation of emergency response training could not be provided during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 04/29/2021. No response has been received to the 2017 or 2018 inspections. This is a repeat violation.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017

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Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 05/10/2017. Testing of the monitoring system did not occur within the month of April as is required. Testing was originally scheduled for April 27, but technician was unable to conduct testing on that date. VIOLATION HAS BEEN CORRECTED. PLEASE ENSURE ALL FUTURE TESTING TAKES PLACE IN MONTH OF APRIL.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	23 CCR 16 2715(f)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(3)
Violation Description:	Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 04/29/2021. List of employees trained by DUSTO was not available for review during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	DUSTO inspections conducted from 8/25/2020 onward were not acknowledged (signed) by the UST owner/ operator (Section 6 on the forms). All DUSTO inspection reports must be acknowledged (signed) by the UST owner/operator within 72 hours.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

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Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 07/22/2016. COMPLETE A UST MONITORING PLAN VIA CERS IMMEDIATELY. NEW UST MONITORING PLAN NEEDS TO REFLECT THE NEW OWNERSHIP CHANGE. REO INC., THIS IS A REPEAT VIOLATION FROM INSPECTION ON 4/29/15.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes:	Returned to compliance on 09/21/2017. COMPLETE ALL UST RELATED FORMS VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE; DARYOUSH SAIFI OR REO INC., AS THE NEW OWNER. A 5 YEAR UST PERMIT WILL NOT BE ISSUED UNTIL ALL OF THE UST FORMS ARE IN ORDER VIA CERS. THIS A REPEAT VIOLATION FROM INSPECTION ON 4/29/15.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	A copy of the facility's Chief Financial Officer Letter for 2021 was unavailable for inspection. The CFO Letter most recently uploaded to CERS is for 2018. Within 30 days, upload and submit an updated copy of the CFO letter to CERS. Alternatively, you may select and the "Stored On Site" option on CERS, and provide a copy of the letter to our office for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that

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	requires modification to any portion of the business plan.
Violation Notes:	433 gallons of motor oil was observed on-site during inspection and is routinely stored by the facility, but the facility's most recent HMBP submittal only identifies 60 gallons of motor oil as being stored on-site.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	HMBP does not account for the following: total quantity of new oil (200+ gallons), ATF (55 gal), used antifreeze (100 gal). HMBP additionally reports consumer quantities of propane, and CO2 which not used onsite.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	DUSTO reports for June onward all have an alarm noted in section 3. Owner/operator signature is present on each of these DUSTO reports but section 5 is blank and missing corrective actions taken or to be taken in response to each compliance issue identified in Section 3 of the report by the DUSTO.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017

CHEVRON #9-0038 (Continued) **S105030577**

Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 05/10/2017. Diesel PLLD was not able to detect the 3gph/10psi leak during the the first test. Programming was changed to increase pressure differential and account for venting. Sensor was re-tested and functioned as designed.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 04/29/2021. Testing of monitoring equipment occurred in August. Your anniversary month for testing is April. Ensure that 2020 testing takes place in April. This is a repeat violation.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Facility failed to electronically submit a corrected HMBP within 30 days from the date HMCD notified the facility that their HMBP is deficient in satisfying HMBP requirements. -- HMCD Inspector, Ana Bui, reviewed, Bui identified the deficiencies in the facility's HMBP submittal, and rejected the facility's HMBP submittal on 5/9/2016. As of 11/22/2016, the facility has not amended and re-submitted an HMBP with the corrections required from Inspector Bui's review. -- Electronically submit a corrected HMBP within 30 days from the date in which HMBP provides notification that the HMBP submitted is deficient in satisfying the requirements of this article or the regulations adopted pursuant to Section 25503 [HSC 25508(a)(2)].
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5,

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	Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	With except of a used oil pick-up on 7/2/2015,, and a used parts washer solution pick-up on 8/27/2015, 6/29/2015, 5/7/2015, no consolidated manifests from the past 3 years are available for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 04/30/2021. 5 gal bucket of uncased filters at crusher is open.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	The time between DUSTO inspections exceeded 30 days for the following dates: - from 8/25/2020 to 10/20/2020 Ensure that moving forward, the time between DUSTO inspections does not exceed 30 days. *Note: The DUSTO inspection reports also note that the last Overfill Prevention Equipment Test date was 8/21/2019. This is INCORRECT, as this test has not been conducted yet.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

CHEVRON #9-0038 (Continued) **S105030577**

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes:	Returned to compliance on 05/10/2017. HMCD Inspector, Ana Bui, issued an Official Notice of Inspection Report citing open violations on 5/9/2016 and 4/29/2015. As of 11/22/2016, no writtten response with the corrective actions taken has been submitted to HMCD for either report. See the "Comments" section below for additional information regarding what violations remain open and un-corrected.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 07/22/2016. DURING RECORD REVIEW THERE WERE NO COPIES OF THE LAST ANNUAL MONITORING SYSTEM CERTIFICATION THAT TOOK PLACE IN 2015. ENSURE THAT A COPY OF LAST YEARS MONITORING SYSTEM CERTIFICATION IS FOUND AT THE FACILITY.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Hazardous Waste Accumulation Area: 1 x 55 gallon, un-labeled, black drum with what looks to be a covered tire is located behind the two, 55 gallon black drums accumulating hazardous waste (one drum for metal-encased used oil filters, one drum for paper-used oil filters). The un-labeled drum could not be approached for a more thorough inspection, because aisle space was blocked by other hazardous waste drums and significant quantities of equipment. Next to Trash Dumpster: 1 x 55 gallon, blue drum with a significantly faded hazardous waste label (no legible information) contains an unknown substance.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-11-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter

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	6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/30/2014. FACILITY FAILED TO RETURN THE "OFFICIAL NOTICE OF INSPECTION" WITH THE CORRECTIVE ACTION TAKEN TO CORRECT THE VIOLATIONS NOTED ON APRIL 17, 2013.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	1) The following containers of hazardous waste are un-labeled: - 1 x approximately 8 gallon, plastic carboy used to accumulate the used oil dripping from the open pipe connected to the hydraulic lift (Per Scott, the container is emptied once per year) in the service bay - 1 x black, approximately 15 gallon used oil roller stored along the outside of the building near the Healy tank - Approximately 16 metal-encased used oil filters and 4 paper-used oil filters accumulating on the top of the previously identified black used oil roller. The filters are not actively draining and appear to be placed on the used oil roller for the purpose of hazardous waste accumulation. - 1 x 55 gallon, black drum of paper-used oil filters ("used oil-saturated debris") in the outside, smaller fenced-in area ("hazardous waste accumulation area") - 2 x white, 5 gallon buckets of used oil in the outside, larger fenced-in area ("parts washer area") - 1 x black, 5 gallon bucket next to the [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description:	"Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes:	The last every-36-month UST Secondary Containment (SB-989) Testing was conducted on 5/9/2016. Facility is now overdue for SB-989 testing, as the next testing due date was by October 2018. NOTE: THIS HAS BEEN

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ESCALATED FROM CLASS II TO CLASS I DUE TO THE NATURE OF THE VIOLATION. THIS WAS ALSO PREVIOUSLY CITED ON THE 8/21/2019 OFFICIAL NOTICE OF INSPECTION.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: The facility's employees are not provided annual refresher training in safety procedures in the event of a release or threatened release of a hazardous material. An employee training template will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-29-2015
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes: Returned to compliance on 09/21/2017. COMPLETE ALL UST RELATED FORMS VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE; DARYOUSH SAIFI.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: 1) The following containers are open when hazardous waste is not being added or removed: - Approximately 16 metal-encased used oil filters and 4 paper-used oil filters accumulating on the top of the black used oil roller. The filters are not actively draining and appear to be placed on the used oil roller for the purpose of hazardous waste accumulation. - 2 x white, 5 gallon buckets of used oil in the outside, larger fenced-in area ("parts washer area") 2) The following containers have a lid placed on top of them, but the lids are not secured with a locking ring or other means to tightly close the containers: - 1 x 55 gallon, black drum of paper-used oil filters

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("used oil-saturated debris") in the outside, smaller fenced-in area ("hazardous waste accumulation area")
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 08-21-2019
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 04/30/2021. Facility is operating without a valid UST operating permit. Operating permit can not be issued until all violations (from this year and prior years) have been properly responded to. THIS IS THE FIFTH CONSECUTIVE UST INSPECTION WITH THIS VIOLATION.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 12-10-2020
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 04/29/2021. Testing of monitoring equipment occurred in August. Your anniversary month for testing is April. Ensure that 2020 testing takes place in April. This is a repeat violation.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-30-2021
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Facility is currently operating without a valid UST Permit to Operate due to outstanding violations that still need to be addressed. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 7TH CONSECUTIVE YEAR.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 08-21-2019

CHEVRON #9-0038 (Continued) **S105030577**

Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 04/30/2021. Monitoring System Certification forms for 2017 and 2018 were not available on site.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 04/29/2021. Testing of monitoring equipment occurred in June. Your anniversary month for testing is April. Please ensure that 2019 testing takes place in April.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	The 87, 91, and Diesel UST Fill Spill Buckets do not meet the minimum 5-gallon liquid capacity. The UST Service Technician added rings around the buckets to bring them from 4.8 gallons capacity to 5 gallons capacity, but the buckets were observed to not be liquid-tight. A permit from our Department may be required for the replacement of the 3 spill buckets. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 3RD CONSECUTIVE YEAR.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter

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	12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	The facility has an California EPA ID Number (CAL000212939), but the ID Number has been inactive since 6/30/2015. A copy of DTSC FORM 1358 will be provided with this inspection report. [22CCR 25205.16(c)].
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 10/18/2018. Updated 2018 CFO letter could not be located during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.
Violation Notes:	Returned to compliance on 07/22/2016. ACCORDING TO THE TESTING REPORTS REVIEWED DURING THIS INSPECTION, THE LAST TIME THE SB989 TESTING TOOK PLACE WAS ON 10/2/2012. THIS TEST IS CONDUCTED EVERY 36 MONTHS AND IT SHOULD HAVE BEEN CONDUCTED BY 10/2/2015. HOWEVER, THE SB989 TESTING WAS CONDUCTED TODAY. YOUR NEXT ANNIVERSARY DATE FOR THE SB989 WILL BE 10/2/2018. THE SB989 TESTING CONDUCTED TODAY IS LATE. ENSURE THAT ALL FUTURE SB989 TESTING ARE CONDUCTED EVERY 36 MONTHS.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 05/10/2017. The used oil spill bucket was noted to contain approximately 2 gallons of used oil at the beginning of the inspection. No used oil was being generated by the facility or being actively poured into the spill bucket at the time of inspection. All spills and overfills must be immediately cleaned-up and properly managed, even when contained within the spill bucket.

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Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	With exception of a bill of lading from a "drained used oil filters" shipment on 6/29/2015, no bills of lading for used oil filter disposal from the past 3 years are available for review. It is of note that the 55 gallon drum accumulating metal-encased used oil filters is marked with an accumulation date of 11/10/2016 on a Safety-Kleen created hazardous waste label.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	1 x empty, 8 gallon, severely rusted, black drum with a hazardous waste label containing the former facility owner’s information was observed behind the building near the trash dumpster. The facility changed ownership over two years ago and per on-site employees, the drum has not been used for any reason since the ownership change.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Response Plan.
Violation Notes:	Returned to compliance on 09/21/2017. CERS submittal dated 5/10/17 does not include a UST response plan, and prior submittal plans reference Chevron corporate response personnel. THIS IS A REPEAT VIOLATION
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 07/22/2016. A COPY OF LAST YEARS MONITORING

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SYSTEM CERTIFICATION TEST REPORT WAS SUBMITTED TO OUR OFFICE WITHIN 30 DAYS OF COMPLETION ENSURE THAT THIS TESTING REPORT IS SUBMITTED TO OUR OFFICE IMMEDIATELY.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-09-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/22/2016. CERTIFICATION OF FINANCIAL RESPONSIBILITY WAS NOT AVAILABLE DURING THIS INSPECTION FOR THE NEW OWNER NAME; DARYOUSH SAIFI OR REO INC., PROVIDE CFR INFORMATION VIA CERS IMMEDIATELY. THIS IS A REPEAT VIOLATION FROM INSPECTION ON 4/29/2015.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes: 1) Hazardous Waste Accumulation Area: - Aisle space to the used antifreeze tank is blocked by large equipment and two, 55 gallon, black, hazardous waste drums - Aisle space to the un-labeled, black 55 gallon drum with unknown contents is blocked by the two, 55 gallon, black hazardous waste drums and other large pieces of equipment 2) Parts Washer Area: - The fire extinguisher is blocked by the black, aqueous parts washer, a ladder, large pieces of equipment, and a flammable cabinet
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-11-2014
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no

CHEVRON #9-0038 (Continued) **S105030577**

	record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes:	Returned to compliance on 04/30/2014. ACCORDING TO THE VEEDER-ROOT ALARM HISTORY, THERE WERE TWO ALARMS (JUNE 24, 2013 AND JULY 5, 2013) THAT DID NOT CORRESPOND TO ANNUAL TESTING IN 2013. THE JUNE 24TH ALARM HAD FOLLOW UP COMMENTS BUT THE JULY 18TH DESIGNATED OPERATOR MONTHLY REPORT DID NOT ADDRESS THE JULY 5TH ALARM.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/21/2018. Site failed to update and certify its HMBP in 2016. Site did submit in 2017. NO CORRECTIVE ACTION REQUIRED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	Hazardous waste container area inspections are not being conducted weekly as evidenced by the number and type of violations observed during inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	It was noted in the 2019 inspection report that the 87, 91 and diesel spill buckets did not meet the 5 gallon minimum capacity requirement.

CHEVRON #9-0038 (Continued) **S105030577**

There are no records with our office to make repairs to the system to correct this issue.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: The facility information provided in the most recent HMBP submittal does not contain the proper business owner information.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description: UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes: Returned to compliance on 05/10/2017. Facility has failed to submit the test results from both the 2015 and 2016 annual monitoring system certifications. THIS IS A REPET VIOLATION FROM THE 2016 INSPECTION. Copies of the certifications were available onsite, and were scanned by inspector.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: The phone number for the fire department is posted near a telephone, but no other required information is posted. An emergency information template will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2015
Violations Found: Yes

CHEVRON #9-0038 (Continued) **S105030577**

Eval Type: Routine done by local agency
Eval Notes: TESTING OF THE MONITORING EQUIPMENT TOOK PLACE ON 4/23/15 AND INSPECTION REPORT WAS ISSUED TODAY. TESTING WAS CONDUCTED BY JEFF CONGER WITH PINNACLE FUELS. MR. CONGER'S ICC AND VEEDER ROOT CERTIFICATIONS ARE CURRENT. PRIOR TO AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS AT THE VEEDER ROOT PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTIONS - 3 STP SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - 3 FILL SUMP SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. - 4 ANNULAR SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. (INCLUDING USED OIL TANK) - 5 UDC SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED DURING THIS INSPECTION. - FLAPPER VALVES IS INSTALLED IN ALL THREE FUEL TANKS FOR OVERFILL PREVENTION. - 4 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED. - 3 PLLD'S WERE TESTED AND PASSED DURING TODAY'S INSPECTION. THE FOLLOWING [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness the Annual Monitoring System Certification testing. Inspection was conducted on 4/29/2021 and concluded on 4/30/2021 with delivery of this report. The lead UST service technician who conducted testing was Aneil Chand of Pinnacle Fuel Compliance Services, Inc. Mr. Chand had the following required certifications: - ICC UST Service Technician (exp. 5/27/2022) - Veeder-Root TLS-3XX (exp. 3/12/2022) - Caldwell Accelerated Tester (exp. 2/2024) - Vaporless LDT-890 Tester (exp. 3/11/2022) > VMI LDT-890 Tester was last calibrated on: 7/15/2019 Facility has 4 USTs: 87, 91, Diesel, and Waste Oil. The following components were tested and passed: > 87, 91, and Diesel USTs - Annular sensors (3) and Fill Sump sensors (3) were tested in water and triggered audible/ visual alarm at the monitoring panel. - STP sump sensors (3) were tested in water and triggered audible/ visual alarm at the monitoring panel as well as turbine shutdown. - Diesel PLLD was tested [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Provided copy of 11/2016 inspection report for response. Noted that used oil spill bucket had been emptied and cleaned (T090)
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency

CHEVRON #9-0038 (Continued) **S105030577**

Eval Notes: On-site to conduct a routine hazardous materials business plan (HMBP) inspection. The following hazardous materials/wastes at or above HMBP-reportable thresholds: 1) Used Oil Underground Tank (1,000 gallons) + Plastic Carboy (8 gallon) Used Oil Roller (15 gallon): 1,023 gallons total 2) Used Antifreeze/Coolant Aboveground Tank: Approximately 100 gallons total 3) Motor Oil: 433 gallons - 5W-30 Tank: 100 gallons - 5W-20 Tank: 100 gallons + 5W-20 Containers: 90 gallons - Automotive Transmission Fluid Drum: 55 gallons - 10W-30 Containers: 20 gallons - 15W-30 Containers: 20 gallons - 5W-40 Containers: 48 gallons 4) Antifreeze/Coolant 50/50 Pre-Diluted Containers: 100 gallons 5) Gasoline (87-Grade - 12,000 gallons, 91-Grade - 12,000 gallons) Underground Tanks: 24,000 gallons total 6) Diesel Underground Tank: 12,000 gallons total It is of note that 30 gallons of parts washing solution, approximately 300 pounds of metal-encased used oil filters, approximately [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: While on-site to conduct a routine hazardous waste and HMBP inspection, the above-listed UST violations were observed. The scope of this UST inspection only encompasses the above-listed violations and verification that the below-listed violations remain un-corrected. Additionally, the following violations remain open and un-corrected from the Official Notices of Inspection issued on 5/9/2016 and 4/29/2015: T000: UST Permit to Operate (5/9/2016, 4/29/2015) T010: UST Monitoring Plan (5/9/2016, 4/29/2015) T014: UST Response Plan (5/9/2016, 4/29/2015) T020: UST Financial Responsibility (5/9/2016, 4/29/2015) T054: Record Keeping: Monitoring Records (5/9/2016) T490: Submittal of UST Equipment Testing Reports (5/9/2016) This inspection was conducted on 11/22/2016, the report was reviewed with facility employees on 11/22/2016, and issued to the owner, Daryoush (Dave) Saifi on 11/30/2016.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE WITH ANTHONY VAN GINKEL AN ICC CERTIFIED TECHNICIAN WITH TANKNOLOGY TO OVERSEE THE ANNUAL MONITORING CERTIFICATION. ANTHONY'S CERTIFICATION WERE VERIFIED TO BE CURRENT, ICC EXP:3-29-15, VEEDER-ROOT EXP:1-8-15, AND TANKNOLOGY CERTIFICATION FOR THE LINE LEAK DETECTOR EXP: 12-1-22. THE FOLLOWING COMPONENTS WERE TESTED AND FOUND TO BE OPERABLE: -ANNUAL LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM -FILL SUMP LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM -STP SUMP LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM AND SHUT DOWN THE PUMP -UDC LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM AND SHUT DOWN THE PUMP -THE SPILL BUCKETS WERE VACUUM TESTED AT 40 IN HG FOR 1 MINUTE -VERIFIED FAIL SAFE AND SENSOR

CHEVRON #9-0038 (Continued) **S105030577**

OUT -VERIFIED PUMP SHUT DOWN WHEN THE EMERGENCY STOP WAS ACTIVATED

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON-SITE ON 5/3/16 FOR PARTIAL SB989 TESTING. TESTING WAS CONDUCTED BY ANEIL CHAND WITH PINNACLE FUELS. MR. CHAND HAS CURRENT ICC, VR AND CALDWELL TESTER CERTIFICATIONS, THESE WERE REVIEWED DURING THIS INSPECTION. THE FOLLOWING COMPONENTS WERE TESTED AT THIS TIME AND PASSED; - DIESEL STP SUMP WAS HYDROSTATICALLY TESTED FOR 30 MINUTES AND PASSED USING THE CALDWELL ACCELERATED TESTER. - UDC 1/2 AND 3/4 SUMPS WERE HYDROSTATICALLY TESTED FOR 15 MINUTES AND PASSED USING THE CALDWELL ACCELERATED TESTER. - DIESEL SECONDARY LINE WAS PRESSURE TESTED FOR AN HOUR AT 5 P.S.I. NOTES: 1) WITHIN 30 DAYS PROVIDE A COPY TO OUR OFFICE OF TODAY'S TESTING REPORT.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee annual UST monitoring system certification conducted by Pinnacle Fuel Compliance Services . Technician Aneil Chand holds current ICC, VR and VMI certifications on date of inspection. 4 tank system, 87, 91, diesel and used oil. All tanks 12,000 gallons except used oil which is 1000 gal. The following sensors were tested during the inspection and provided visual alarms at the monitoring panel**: 87, 91, diesel and used oil annual sensors. 87, 91, diesel turbine (STP) sump sensors. These sensors also provided shutdown of turbines upon activation. 87, 91, diesel fill sump sensors. UDC 1/2, 3/4, 5/6, and 7/8 containment sensors. These sensors also provided shutdown of turbines upon activation. PLLD Q1, Q2, and Q3 (87, 91, diesel). These sensors also provided shutdown of turbines upon activation. ** Audible alarm was non-functional on signals except from used oil annular. Signal is weak and not able to be heard unless monitoring panel is open. Need to [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS 10354456 annual submittal 9/21/17 (with additional 7/4 and 5/6/17) 5/11/15 map, emergency plan and training plan OK
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

CHEVRON #9-0038 (Continued) **S105030577**

Eval Date: 06-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Site operates UST system as well as auto repair ID number CAL000212939, active as of inspection USed oil to UST, waste antifreeze to poly tank. All other wastes to drums or buckets. Emergency info posted in store room on door to office. Extinguishers 3/18. Rags to Cintas, batteries to interstate Reviewed receipts/manifests from 2015-2018.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous waste inspection. The facility is a gas station and automotive repair center that specializes in routine automotive maintenance and repair activities, such oil and coolant changes and occasional brake maintenance activities. No autobody work is conducted. Hazardous wastes routinely generated include used oil, used antifreeze, used parts washing solution, metal-encased used oil filters, used oil-saturated debris (paper used oil filters), used absorbent, and used brake fluid. Used antifreeze is accumulated in an approximately 100 gallon aboveground tank located in the larger, outside, fenced-in area. Paper-used oil filters are separated from metal-encased used oil filters. Each waste stream is accumulated in a 55 gallon drum next to the used antifreeze tank. Per facility staff, the paper-used oil filters are managed as hazardous waste and the metal-encased used oil filters are managed in accordance with "drained used oil and gasoline [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to review facility’s paperwork as part of the annual monitoring system certification performed on 8/20/20 during the COVID 19 emergency when a CUPA inspector was not present on site. Facility’s last annual monitoring system certification with an inspector present was in August 2019. DUSTO monthly reports and employee training were reviewed. Your next annual monitoring system certification is due by April 2021.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring certification with Aneil Chand of Pinnacle Fuel Compliance Services. Mr. Chand’s certifications were

CHEVRON #9-0038 (Continued) **S105030577**

verified and current. 4 tanks: 87, 91, diesel and waste oil All sensors failed testing today due to the annunciator in the monitoring panel functioning as required. Spill buckets were hydrostatically tested for at least 60 minutes. No loss was observed. Site set up and alarm history were reviewed. DUSTO monthly reports, and employee training were reviewed on site Facility's last CERS submittal was 7/5/2021 Submit a copy of the spill bucket test report within 30 days of the test date. Note: YOUR ANNUAL MONITORING CERTIFICATION IS DUE BY THE END OF THIS MONTH, APRIL. PLEASE CONTACT OUR OFFICE WHEN YOU ARE READY TO COMPLETE YOUR AMC.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TESTING OF THE MONITORING EQUIPMENT TOOK PLACE ON 5/3/16 AND INSPECTION REPORT WAS ISSUED TODAY. TESTING WAS CONDUCTED BY JEFF CONGER WITH PINNACLE FUELS. MR. CONGER'S ICC (EXP.,2/10/17) AND VEEDER ROOT (EXP., 1/26/2017) CERTIFICATIONS ARE CURRENT. PRIOR TO AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS AT THE VEEDER ROOT PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTIONS - 3 STP SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - 3 FILL SUMP SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. - 4 ANNULAR SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. (INCLUDING USED OIL TANK) - 5 UDC SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED DURING THIS INSPECTION. - FLAPPER VALVES IS INSTALLED IN ALL THREE FUEL TANKS FOR OVERFILL PREVENTION. - 4 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED. - 3 PLLD'S WERE TESTED AND PASSED DURING TODAY'S [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-03-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I am on site at 6069 Cottle Rd, Santa Theresa Chevron, San Jose for the 2022 UST Secondary Containment Testing and Certification inspection. Daryoush Saifi, STATION OPERATOR is on site to provide facility access and records review. Aneal Chand, Pinnacle Fuel Compliance, Owner, UST Service Tech, is on site to conduct the Secondary Containment testing. ICC# and all equipment certifications, OK Four USTs. Tank ID # 90038-2 - CERS TankID # 10354456-002 tested at -10 inches, hold for 60 minutes, OK Tank ID # 90038-4 - CERS TankID # 10354456-004 tested at -10 inches, hold for 60 minutes, OK Tank ID # 90038-1 - CERS TankID # 10354456-001 tested at -10 inches, hold for 60 minutes, OK Tank ID # 90038-3 - CERS TankID # 10354456-003 tested at -10 inches, hold for 60 minutes, OK Four UDC Sumps, Fiberglass, tested with water at more than 4 inches above the highest penetrations, Measured via Caldwell set-up, 60 minutes, No Drop in measurement, OK Six Dispensers [Truncated]
Eval Division: Santa Clara County Environmental Health

CHEVRON #9-0038 (Continued) **S105030577**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Noted that prior notice of inspeciton has not been responded to. HMBP submitted 5/10/17 during inspection. Unable to verify as CERS is down on date of inspection.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee annual UST monitoring system certification conducted by Pinnacle Fuel Compliance Services . Technician Aneil Chand holds current ICC, VR and VMI certifications on date of inspection. 4 tank system, 87, 91, diesel and used oil. All tanks 12,000 gallons except used oil which is 1000 gal. The following sensors were tested during the inspection and provided visual alarms at the monitoring panel: 87, 91, diesel and used oil annual sensors. 87, 91, diesel turbine (STP) sump sensors. These sensors also provided shutdown of turbines upon activation. 87, 91, diesel fill sump sensors. UDC 1/2, 3/4, 5/6, 7/8 and 9/10 containment sensors. These sensors also provided shutdown of turbines upon activation. PLLD Q1, Q2, and Q3 (87, 91, diesel). These sensors also provided shutdown of turbines upon activation Fail safe and sensor out confirmed to shutdown turbines. Spill buckets tested for one hour without loss of liquid. 87, 91, diesel tank overfill [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring certification testing with Jeff Conger of Pinnacle Fuel Compliance Services, Inc. Mr. Conger’s certifications were verified and current. 4 tanks: 87, 91, diesel and waste oil The following components were tested and functioned as required: - tank annular sensors; audible and visual alarm - STP sump sensors; positive shutdown was observed - UDC liquid sensors; positive shutdown was observed - sensor out and fail safe; positive shutdown was observed - electronic line leak detectors; gross line fail was observed - spill buckets were hydrostatically tested for 1 hour with no loss DUSTO monthly reports, and annual employee training were reviewed and current Facility’s last UST CERS submittal is dated 10/18/18 Submit a copy of the completed monitoring system certification form and spill bucket test report within 30 days
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

CHEVRON #9-0038 (Continued) **S105030577**

Enforcement Action:

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Site Address:	6096 COTTLE RD
Site City:	SAN JOSE
Site Zip:	95123
Enf Action Date:	04-29-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Site Address:	6096 COTTLE RD
Site City:	SAN JOSE
Site Zip:	95123
Enf Action Date:	04-11-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Coordinates:

Site ID:	401453
Facility Name:	SANTA TERESA CHEVRON
Env Int Type Code:	HMBP
Program ID:	10354456
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.237440
Longitude:	-121.803240

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	REO Inc, DBS Santa Teresa Chevron
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 226-7414,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Santa Teresa Chevron
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

CHEVRON #9-0038 (Continued) **S105030577**

Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Daryoush & Susan Saifi
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Road
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 912-5250,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Daryoush Saifi
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Rd
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 226-7414,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Daryoush & Susan Saifi
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Rd
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 912-5250,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Document Preparer
Entity Name:	Aneil Chand
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	DARYOUSH SAIFI
Entity Title:	Not reported
Affiliation Address:	6051 Gleneagles Cir
Affiliation City:	San Jose

CHEVRON #9-0038 (Continued) **S105030577**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95138
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	REO Inc.
Entity Title:	Not reported
Affiliation Address:	6051 Gleneagles Cir
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95138
Affiliation Phone:	(408) 482-8533,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Daryoush Saifi
Entity Title:	CFO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 482-8533,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Rd
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95123
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Aneil Chand
Entity Title:	UST Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	REO,Inc dba; Santa Teresa Chevron
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Road
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 226-7414,

D45 **90038** **HIST UST** **U001602795**
SW **6096 COTTLE RD** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 8 of 11 in cluster D**

Relative: HIST UST:
Lower

Actual:
188 ft.

Name:	90038
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
File Number:	0002cfce
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002cfce.pdf
Region:	STATE
Facility ID:	00000061694
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	OVERSTREET,RICHARD
Telephone:	4082267414
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1972
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1972
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

90038 (Continued) **U001602795**

Click here for Geo Tracker PDF:

D46 **CHEVRON #9-0038** **UST FINDER RELEASE** **1028933187**
SW **6096 COTTLE ROAD** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 9 of 11 in cluster D**

Relative: UST FINDER RELEASE:
Lower

Object ID:	47807
Facility ID:	Not reported
Lust ID:	CAT0608501820
Name:	CHEVRON #9-0038
Address:	6096 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2520
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.80377
Y Coord:	37.23736
Latitude:	37.23736
Longitude:	-121.80377

Actual:
188 ft.

D47 **SANTA TERESA CHEVRON** **EDR Hist Auto** **1020137700**
SW **6096 COTTLE ROAD** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 10 of 11 in cluster D**

Relative: EDR Hist Auto
Lower

Actual:
188 ft.

Year:	Name:	Type:
1974	SANTA TERESA CHEVRON	Gasoline Service Stations

SANTA TERESA CHEVRON (Continued) **1020137700**

1975	SANTA TERESA CHEVRON	Gasoline Service Stations
1976	SANTA TERESA CHEVRON	Gasoline Service Stations
1977	SANTA TERESA CHEVRON	Gasoline Service Stations
1978	SANTA TERESA CHEVRON	Gasoline Service Stations
1996	SANTA TERESA CHEVRON INC	Brake Services
1997	CHEVRON STATIONS	Gasoline Service Stations
1997	SANTA TERESA CHEVRON	Brake Services
1998	REO INCORPORATED	Gasoline Service Stations
1999	REO INCORPORATED	Gasoline Service Stations
2000	REO INCORPORATED	Gasoline Service Stations
2001	REO INCORPORATED	Gasoline Service Stations
2002	REO INCORPORATED	Gasoline Service Stations
2003	REO INCORPORATED	Gasoline Service Stations
2004	REO INCORPORATED	Gasoline Service Stations
2005	REO INCORPORATED	Gasoline Service Stations, NEC
2006	REO INCORPORATED	Gasoline Service Stations, NEC
2007	REO INCORPORATED	Gasoline Service Stations, NEC
2008	REO INCORPORATED	Gasoline Service Stations, NEC
2009	REO INCORPORATED	Gasoline Service Stations, NEC
2010	REO INCORPORATED	Gasoline Service Stations, NEC
2011	REO INCORPORATED	Gasoline Service Stations, NEC
2012	REO INCORPORATED	Gasoline Service Stations, NEC
2013	REO INCORPORATED	Gasoline Service Stations, NEC
2014	REO INCORPORATED	Gasoline Service Stations, NEC

D48 **R E O INC/SANTA TERESA CHEVRON** **RCRA NonGen / NLR** **1024799644**
SW **6096 COTTLE RD** **CAL000212939**
< 1/8 **SAN JOSE, CA 95123**
0.017 mi.
92 ft. **Site 11 of 11 in cluster D**

Relative: **Lower**
Actual: **188 ft.**

RCRA Listings:

Date Form Received by Agency:	20000921
Handler Name:	R E O Inc/Santa Teresa Chevron
Handler Address:	6096 COTTLE RD
Handler City,State,Zip:	SAN JOSE, CA 95123-0000
EPA ID:	CAL000212939
Contact Name:	DAVE SAIFI
Contact Address:	6096 COTTLE RD
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	408-226-7414
Contact Fax:	408-226-4362
Contact Email:	DSAIFI@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6096 COTTLE RD
Mailing City,State,Zip:	SAN JOSE, CA 95123-4408
Owner Name:	R E O Inc
Owner Type:	Other
Operator Name:	Dave Saifi

R E O INC/SANTA TERESA CHEVRON (Continued) **1024799644**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: R E O INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6096 COTTLE RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123-4408
Owner/Operator Telephone:	408-226-7414
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

R E O INC/SANTA TERESA CHEVRON (Continued) **1024799644**

Owner/Operator Name: DAVE SAIFI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6096 COTTLE RD
Owner/Operator City,State,Zip: SAN JOSE, CA 95123
Owner/Operator Telephone: 408-226-7414
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20000921
Handler Name: R E O INC/SANTA TERESA CHEVRON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H49 **WOLF CAMERA NO 959** **RCRA NonGen / NLR** **1001231251**
SSW **6221 SANTA TERESA BLVD** **FINDS** **CAR000030320**
< 1/8 **SAN JOSE, CA 95119** **ECHO**
0.025 mi.
133 ft. **Site 1 of 4 in cluster H**

Relative: **Lower**
Actual: **189 ft.**

RCRA Listings:
Date Form Received by Agency: 19990921
Handler Name: Wolf Camera No 959
Handler Address: 6221 SANTA TERESA BLVD
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAR000030320
Contact Name: JAMES LEAGAN
Contact Address: 4955 MARCONI DR
Contact City,State,Zip: ALPHARETTA, GA 30005
Contact Telephone: 678-297-9653
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09

WOLF CAMERA NO 959 (Continued) **1001231251**

Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6221 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Wolf Camera And Video
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

WOLF CAMERA NO 959 (Continued) **1001231251**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D011
Waste Description: Silver

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WOLF CAMERA AND VIDEO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2170 CONTRA COSTA BLVD
Owner/Operator City,State,Zip: ATLANTA, GA 30324
Owner/Operator Telephone: 404-633-9000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990921
Handler Name: WOLF CAMERA NO 959
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: WOLF CAMERA STORE #959
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81292
NAICS Description: PHOTOFINISHING

Facility Has Received Notices of Violations:
Violations: No Violations Found

WOLF CAMERA NO 959 (Continued) **1001231251**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002918558

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001231251
Registry ID:	110002918558
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002918558
Name:	WOLF CAMERA NO 959
Address:	6221 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119

H50 **WOLF CAMERA & VIDEO #959** **CUPA Listings** **S121470071**
SSW **6221 SANTA TERESA BL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.025 mi.
133 ft. **Site 2 of 4 in cluster H**

Relative:
Lower

Actual:
189 ft.

CUPA SANTA CLARA:

Name:	WOLF CAMERA & VIDEO #959
Address:	6221 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4085784437
UDF Email:	Not reported
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.236988
Longitude:	-121.802498
Record ID:	PR0314760
Facility ID:	FA0210378

Name:	WOLF CAMERA & VIDEO #959
Address:	6221 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4085784437
UDF Email:	Not reported
PE#:	2206
Program Description:	GENERATES 5 TO <25 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

WOLF CAMERA & VIDEO #959 (Continued) **S121470071**

Latitude: 37.236988
Longitude: -121.802498
Record ID: PR0314761
Facility ID: FA0210378

H51 **24 HOUR FITNESS** **CUPA Listings** **S105799783**
SSW **6223 SANTA TERESA BL** **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119** **CERS**
0.025 mi.
133 ft. **Site 3 of 4 in cluster H**

Relative:
Lower

Actual:
189 ft.

CUPA SANTA CLARA:
Name: 24 HOUR FITNESS
Address: 6223 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4082254024
UDF Email: licenseandpermitcoord@24hourfit.com
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.23698
Longitude: -121.802296
Record ID: PR0410883
Facility ID: FA0271785

SAN JOSE HAZMAT:
Name: 24 HOUR FITNESS INC #497
Address: 6223 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95128
Region: SAN JOSE
File Num: 409421
Class: Auto Wrecking/Misc Simple Facility

CERS:
Name: 24 HOUR FITNESS
Address: 6223 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Site ID: 452
CERS ID: 10354573
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 452
Site Name: 24 HOUR FITNESS
Violation Date: 12-04-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Site map is currently missing the following items: -emergency evacuation assembly areas -street names -north arrow
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 452

24 HOUR FITNESS (Continued) **S105799783**

Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to report program data electronically.
Violation Notes:	The emergency contacts on CERS is outdated. Per the general manager, the emergency contacts are no longer working for this facility.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	A copy of the HMBP was not available during the inspection. Ensure that your HMBP is readily available to your employees and to our office, if requested.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	The facility failed to provide proof that a written property owner notification was provided to the property owner stating that the business is applicable to HMBP regulations. A property owner notification template will be provided to the facility.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	01-20-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/23/2016. The facility could not provide documentation that employees are annually trained in safety procedures and the facility's HMBP.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

24 HOUR FITNESS (Continued) **S105799783**

Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	12-04-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Facility did not notify the property owner that they are subject to HMBP requirements.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	The facility failed to submit their HMBP on an annual basis on CERS. HMBP was last submitted on 12-10-2018. A complete HMBP must be submitted at least every 12 months on CERS.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	01-20-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 03/23/2016. The facility's most recent HMBP submittal was on 7/30/2012 (hardcopy). As of 1/1/2013, facilities must electronically submit HMBP to the California Environmental Reporting System (CERS) and certify at least once every 12 months that HMBP is complete, accurate, and up to date. Within 30 days, complete and submit the following information by creating a CERS account with CERS ID: 10354573. -Facility information/ownership page -Hazardous materials inventory/site map -Emergency response plan/training plan If you would like assistance with completing and submitting your HMBP, SCC HMCD Hazardous Materials Technician Michelle Santos at (408)918-1981 or myself at (408)918-3408. - CERS website: http://cers.calepa.ca.gov
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

24 HOUR FITNESS (Continued) **S105799783**

Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	The facility was not able to provide HMBP training logs for any of the employees. An HMBP training log template will be provided with this inspection report. Retain a copy of the HMBP training document onsite for 3 years for your records.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	12-04-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 12/12/2018. Facility's last HMBP submittal was 7/31/17 via FrontCounter
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	The facility failed to include the following items on their most current CERS site map: - Emergency response equipment - Storm drains and sewer drains. - North orientation - Evacuation staging area - Adjacent streets
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452
Site Name:	24 HOUR FITNESS
Violation Date:	04-15-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	The facility failed to disclose the REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) in Section C of the Emergency Response Plan on CERS. The RWQCB phone number is 510 622-2300.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	452

24 HOUR FITNESS (Continued) **S105799783**

Site Name: 24 HOUR FITNESS
Violation Date: 01-20-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/23/2016. Both emergency contacts listed on the facility's most recent HMBP submittal are no longer with the company and no update to the facility's HMBP occurred within 30 days of the emergency contact change.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-15-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An onsite routine Hazardous Material Business Plan inspection was conducted on 4-14-2022. This facility is a fitness gym with a pool and spa. The facility's Hazardous Material Business Plan was last submitted to CERS on 12-10-2018. CERS ID: 10354573 The following hazardous materials were observed below HMBP state reportable thresholds. Muriatic Acid: 28 gallons, 28x 1 gallon plastic containers Calcium Hypochlorite: 200 pounds, 4x 50 pound plastic buckets NOTES: This facility is currently below the reportable threshold for Hazardous Materials Business Plan. Please let this Department know if you would like to inactivate your HMBP permit. Sovann Uch, REHS Hazardous Materials Specialist Office: (408) 918-1965 | Email: sovann.uch@cep.sccgov.org
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous materials business plan (HMBP) inspection. The following hazardous materials are observed in quantities above HMBP reportable thresholds: 1. Muriatic Acid - 60 gallons It is of note that approximately 220lbs. of calcium hypochlorite are on-site. NOTES: - CERS ID 10354573 - Last HMBP Submittal: 7/30/2012 (hardcopy) - ENSURE THAT A PROPERTY OWNER NOTIFICATION is sent to inform the property owner that the facility is subject to and in compliance with HMBP requirements. A template will be provided by the inspector.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous materials business plan

24 HOUR FITNESS (Continued) **S105799783**

inspection. CERS ID: 10354573 Facility's last HMBP submittal was 7/31/17 via FrontCounter and was accepted Observed the following reportable chemicals on site: 70 gallons muriatic acid 125 pounds calcium hypochlorite Documented annual employee training was reviewed on site

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 6223 SANTA TERESA BL
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Dan Larson
Entity Title: Sr Risk Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: 24 Hour Fitness USA, LLC.
Entity Title: Not reported
Affiliation Address: 1265 Laurel Tree Lane
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92011
Affiliation Phone: (800) 600-2007,

Affiliation Type Desc: Property Owner
Entity Name: Alan Yang
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: Not reported
Affiliation Phone: (818) 486-4276,

Affiliation Type Desc: Environmental Contact
Entity Name: Dan Larson
Entity Title: Not reported
Affiliation Address: 1265 Laurel Tree Ln Ste 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported

24 HOUR FITNESS (Continued) **S105799783**

Affiliation Zip:	92011
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	24HOUR FITNESS #497
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 600-2007,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Document Preparer
Entity Name:	Dan Larson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	24 HOUR FITNESS USA INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B52 **VALLEY RADIOLOGIST MEDICAL GROUP** **CUPA Listings** **S113040386**
NW **275 HOSPITAL PARKWAY #110** **HWTS** **N/A**
< 1/8 **SAN JOSE, CA 95119** **HAZNET**
0.026 mi. **CERS**
138 ft. **Site 12 of 18 in cluster B**

Relative: CUPA SANTA CLARA:
Higher

Name:	AT&T MOBILITY - HWY 85-COTTLE (USID47148)
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	8006382822
UDF Email:	g43573@att.com
PE#:	BP01

Actual:
192 ft.

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239545039
Longitude: -121.8019114
Record ID: PR0425384
Facility ID: FA0283597

HWTS:

Name: VALLEY RADIOLOGIST MEDICAL GROUP
Address: 275 HOSPITAL PARKWAY #110
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAL000046368
Inactive Date: 12/31/1899
Create Date: 07/30/1993
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 275 HOSPITAL PARKWAY #110
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951190000
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: INACTIVE/BUS CLOSED 2-1-95
Contact Address: PER GLENN CHEW
Contact Address 2: Not reported
City,State,Zip: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.239334
Longitude: -121.802488

Name: KAISER FOUNDATION HOSPITAL
Address: 275 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003081528
Inactive Date: 11/27/2020
Create Date: 08/28/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing Address 2: Not reported
Mailing City,State,Zip: OAKLAND, CA 946125103
Owner Name: KAISER PERMANENTE
Owner Address: ONE KAISER PLAZA
Owner Address 2: Not reported
Owner City,State,Zip: OAKLAND, CA 946123610
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: MATTHEW HURAY

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Contact Address: 1800 HARRISON ST
Contact Address 2: Not reported
City,State,Zip: OAKLAND, CA 94612
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.23954504
Longitude: -121.8019114

NAICS:
EPA ID: CAC003081528
Create Date: 2020-08-28 14:01:10.833
NAICS Code: 99999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2020-08-28 14:01:10.83300
Inactive Date: 2020-11-27 14:01:10.81700
Facility Name: KAISER FOUNDATION HOSPITAL
Facility Address: 275 HOSPITAL PARKWAY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 95119

HAZNET:
Name: KAISER FOUNDATION HOSPITAL
Address: 275 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
Contact: MATTHEW HURAY
Telephone: 5106254737
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST

Year: 2020
Gepaid: CAC003081528
TSD EPA ID: CAD982042475
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23

Year: 1995
Gepaid: CAL000046368
TSD EPA ID: CAD982482390
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.025

Year: 1995
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: T03 - Treatment, Incineration

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Tons: 0.0208

Year: 1995
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: T03 - Treatment, Incineration
Tons: 0.001

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: CAD070148432
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0.0213

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.0416

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: T03 - Treatment, Incineration
Tons: 0.001

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: T03 - Treatment, Incineration
Tons: 0.0208

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: R01 - Recycler
Tons: 0.0013

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: CAD982482390
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.05

Click this hyperlink while viewing on your computer to access
7 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2020

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Gen EPA ID:	CAC003081528
Shipment Date:	9/2/2020
Creation Date:	10/6/2020
Receipt Date:	9/14/2020
Manifest ID:	021092944JJK
Trans EPA ID:	CAL000160111
Trans Name:	ALLIANCE EVIRONMENTAL GROUP
Trans 2 EPA ID:	CAR000273680
Trans 2 Name:	FERMA GREENBOX INC
TSDF EPA ID:	CAD982042475
Trans Name:	RECOLOGY HAY ROAD
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	b5583f61-69f0-4687-aa20-79689a4b86a4
Shipment Date:	9/2/2020
Receipt Date:	9/14/2020
Manifest Number:	021092944JJK
Generator EPA ID:	CAC003081528
Name:	KAISER FOUNDATION HOSPITAL
Address:	275 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	BEN NGUYEN
Contact Telephone:	408-972-7405
Transporter 1 EPA ID:	CAL000160111
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000273680
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD982042475
TSDF Name:	RECOLOGY HAY ROAD
TSDF Address 1:	HAY RD
TSDF Address 2:	Not reported
TSDF City:	VACAVILLE
TSDF Zip:	95687
TSDF Telephone:	Not reported

State:

Year:	2020
EM Manifest ID:	b5583f61-69f0-4687-aa20-79689a4b86a4

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Generator EPA ID:	CAC003081528
Shipment Date:	2020-09-02
Manifest Number:	021092944JJK
Line Number:	1
Method Code:	H132
Quantity Tons:	0.23000
Quantity Waste:	1.000000
Quantity Unit:	Y
Number of Containers:	11
Type of Container:	Burlap, cloth, paper, or plastic bags
Quantity Type:	Cubic Yards
State Code:	151

Additional Info:

Year:	1995
Gen EPA ID:	CAL000046368
Shipment Date:	19950313
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950404
Manifest ID:	92850499
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950313
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950404
Manifest ID:	92850499
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950208
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950208
Manifest ID:	92850435
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000046368
Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941220
Manifest ID:	93523580
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941220
Manifest ID:	93523580
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940913
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93523331
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0011
Waste Quantity:	2.3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940913
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93523331
Trans EPA ID:	CAD982482390

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940824
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940824
Manifest ID:	93523308
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940614
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940621
Manifest ID:	93056783
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940614
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940621
Manifest ID:	93056783
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0002
Waste Quantity:	0.5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940315
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93056630
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Shipment Date:	19940315
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93056630
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940112
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19940112
Manifest ID:	93056538
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAL000046368

Shipment Date:	19931213
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931227
Manifest ID:	93056464
Trans EPA ID:	CAD982482390

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Trans Name:	Not reported
Trans 2 EPA ID:	CAD070148432
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930914
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19930917
Manifest ID:	93285538
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	CAD070148432
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930715
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930715
Manifest ID:	92437540
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930614
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930621
Manifest ID:	92437498
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930315
Creation Date:	8/31/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92437255
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Shipment Date:	19930315
Creation Date:	8/31/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92437255
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AT&T MOBILITY- HWY 85-COTTLE (USID47148)
Address:	275 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	570794
CERS ID:	10623601
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-21-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct a hazardous materials business plan (HMBP) inspection. Observed 12 x Marathon 155FT batteries which contain quantities of electrolyte that are below HMBP-reporting thresholds. As a result of this inspection, the facility's HMBP permit will be inactivated. NOTES: -CERS ID: 10623601 -A HMBP was submitted on 11/2/16 and was reviewed.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Coordinates:

Site ID:	570794
Facility Name:	AT&T Mobility- HWY 85-COTTLE (USID47148)
Env Int Type Code:	HMBP
Program ID:	10623601
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.239500
Longitude:	-121.801830

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(469) 295-2319,

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin Street, 12th floor
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-3281,
Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B53 **KAISER PERMANENTE (MEDICAL OFFICES)** **HAZMAT** **S105990207**
NW **275 HOSPITAL PY HIRISE** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.026 mi.
138 ft. **Site 13 of 18 in cluster B**

Relative: SAN JOSE HAZMAT:
Higher

Name:	KAISER PERMANENTE (MEDICAL OFFICES)
Address:	275 HOSPITAL PY HIRISE
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	402256
Class:	Misc. Complex firms and labs

Actual:
192 ft.

B54 **OUT OF BUSINESS** **HAZMAT** **S122499555**
NW **275 HOSPITAL PY CA129** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.026 mi.
138 ft. **Site 14 of 18 in cluster B**

Relative: SAN JOSE HAZMAT:
Higher
Actual: Name: OUT OF BUSINESS
192 ft. Address: 275 HOSPITAL PY CA129
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409211
Class: Misc. Complex firms and labs

B55 **KAISER FOUNDATION HOSPITAL** **RCRA NonGen / NLR** **1026475762**
NW **275 HOSPITAL PARKWAY** **CAC003081528**
< 1/8 **SAN JOSE, CA 95119**
0.026 mi.
138 ft. **Site 15 of 18 in cluster B**

Relative: RCRA Listings:
Higher

Date Form Received by Agency:	20200828
Handler Name:	Kaiser Foundation Hospital
Handler Address:	275 HOSPITAL PARKWAY
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003081528
Contact Name:	BEN NGUYEN
Contact Address:	950 FRANKLIN STREET
Contact City,State,Zip:	OAKLAND, CA 94612
Contact Telephone:	408-972-7405
Contact Fax:	Not reported
Contact Email:	ARIANAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	950 FRANKLIN STREET
Mailing City,State,Zip:	OAKLAND, CA 94612
Owner Name:	Kaiser Foundation Hospital
Owner Type:	Other
Operator Name:	Ben Nguyen
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

KAISER FOUNDATION HOSPITAL (Continued) **1026475762**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200904
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITAL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	950 FRANKLIN STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	408-972-7405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BEN NGUYEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	950 FRANKLIN STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	408-972-7405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

KAISER FOUNDATION HOSPITAL (Continued) **1026475762**

Receive Date: 20200828
Handler Name: KAISER FOUNDATION HOSPITAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B56 **KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL** **CERS HAZ WASTE** **S121778284**
NW **275 HOSPITAL PY** **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.026 mi.
138 ft. **Site 16 of 18 in cluster B**

Relative:
Higher

Actual:
192 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUILDING
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41043
CERS ID: 10351036
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUILDING
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41043
CERS ID: 10351036
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: UPS Battery Electrolyte Diesel Fuel
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP

KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUI (Continued) **S121778284**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE TO REVIEW NAMING CONVENTION AND BUSINESS IDENTITY IN CERS. ANTHONY JIMENEZ ON SITE TO PROVIDE ACCESS AND EDIT CERS SUBMITALS. INSPECTOR TO RETURN ON 2/13, 2014 FOR FACILITY WALKTHROUGH FOR 10 HMBP FACILITIES ON CAMPUS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See inspection report dated 12-8-2015 for 250 Hospital Parkway (FA0208083).
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. SURGERY CENTER; CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUI (Continued) **S121778284**

Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported

KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUI (Continued) **S121778284**

Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B57 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S111076372**
NW **275 HOSPITAL PY** **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.026 mi.
138 ft. **Site 17 of 18 in cluster B**

Relative: **Higher**

Actual: **192 ft.**

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.239588
Longitude:	-121.801873
Record ID:	PR0401317
Facility ID:	FA0700499
Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.239588
Longitude:	-121.801873
Record ID:	PR0401322
Facility ID:	FA0700499
Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S111076372**

Latitude:	37.239588
Longitude:	-121.801873
Record ID:	PR0423978
Facility ID:	FA0700499
Name:	VERIZON WIRELESS: SAN JOSE SOUTH
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95113
Region:	SANTA CLARA
Telephone:	8666942415
UDF Email:	armand.delgado@verizonwireless.com
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.239868
Longitude:	-121.800333
Record ID:	PR0400038
Facility ID:	FA0269115

SAN JOSE HAZMAT:

Name:	AT&T MOBILITY # 47148
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	600869
Class:	Auto Wrecking/Misc Simple Facility
Name:	VERIZON WIRELESS
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95113
Region:	SAN JOSE
File Num:	408369
Class:	Misc. Complex firms and labs

B58 **SPRINT # SF606XC835** **HAZMAT** **S107030423**
NW **275 HOSPITAL PY ROOF** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.026 mi.
138 ft. **Site 18 of 18 in cluster B**

Relative:
Higher

Actual:
192 ft.

SAN JOSE HAZMAT:

Name:	SPRINT # SF606XC835
Address:	275 HOSPITAL PY ROOF
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	410568
Class:	Misc. Complex firms and labs

I59 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CERS HAZ WASTE** **S121778241**
WSW **280 HOSPITAL PY** **CUPA Listings** **N/A**
< 1/8 **SAN JOSE, CA 95119** **CERS**
0.029 mi.
151 ft. **Site 1 of 3 in cluster I**

Relative:
Lower

Actual:
191 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS
Address: 280 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41028
CERS ID: 10447945
CERS Description: Hazardous Waste Generator

CUPA SANTA CLARA:
Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 280 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.2397352
Longitude: -121.7993453
Record ID: PR0401334
Facility ID: FA0269684

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 280 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: Not reported
Latitude: 37.2397352
Longitude: -121.7993453
Record ID: PR0444218
Facility ID: FA0269684

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS
Address: 280 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41028
CERS ID: 10447945
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Oxygen Note: It has been determined by Kaiser that the

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S121778241**

correct address for this site is 280 Hospital Parkway. Facility record will be modified to reflect this change.

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 41028
Facility Name: Kaiser Permanente San Jose Medical Center Alpha Buildings
Env Int Type Code: HMBP
Program ID: 10447945
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.239590
Longitude: -121.802170

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7000,

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 255 International Circle
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S121778241**

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,

Affiliation Type Desc:	Document Preparer
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn. Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

I60 **KAISER PERMANENTE (MED OFFICES A,B,C, D)** **HAZMAT** **S112345995**
WSW **280 HOSPITAL PY A, B, C & D** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.029 mi.
151 ft. **Site 2 of 3 in cluster I**

Relative: SAN JOSE HAZMAT:
Lower
Actual: Name: KAISER PERMANENTE (MED OFFICES A,B,C, D)
191 ft. Address: 280 HOSPITAL PY A, B, C & D
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 600073
Class: Auto Wrecking/Misc Simple Facility

I61 **KAISER PERMANENTE-SJ MEDICAL CTR** **CUPA Listings** **S121474766**
WSW **280 HOSPITAL PY** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.029 mi.
151 ft. **Site 3 of 3 in cluster I**

Relative: CUPA SANTA CLARA:
Lower
Actual: Name: KAISER PERMANENTE-SJ MEDICAL CTR
191 ft. Address: 280 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239302
Longitude: -121.802334
Record ID: PR0411711
Facility ID: FA0272199

H62 **PHINOS PHILLIPS 66 SERVICE** **EDR Hist Auto** **1020851867**
SSW **6101 CAMINO VERDE** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.031 mi.
164 ft. **Site 4 of 4 in cluster H**

Relative: EDR Hist Auto
Lower

Actual:
190 ft.

Year:	Name:	Type:
1971	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1972	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1973	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1974	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1975	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1976	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1977	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1978	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations
1979	PHINOS PHILLIPS 66 SERVICE	Gasoline Service Stations

J63
South
< 1/8
0.039 mi.
205 ft.

AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTR
6110 CAMINO VERDE DR 6
SAN JOSE, CA 95119

Site 1 of 13 in cluster J

RCRA NonGen / NLR

1026721722
CAL000458757

Relative:
Lower

Actual:
190 ft.

RCRA Listings:

Date Form Received by Agency:	20201208
Handler Name:	Amalia Zacher Dvm Dba Best Friends Animal Dentistry
Handler Address:	6110 CAMINO VERDE DR 6
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000458757
Contact Name:	AMALIA ZACHER
Contact Address:	2010 LYNN AVE
Contact City,State,Zip:	LOS GATOS, CA 95032
Contact Telephone:	408-316-1669
Contact Fax:	Not reported
Contact Email:	ANIMALDENTISTRY@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6110 CAMINO VERDE DR 6
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Amalia Zacher
Owner Type:	Other
Operator Name:	Amalia Zacher
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTRY (Continued) **1026721722**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: AMALIA ZACHER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2010 LYNN AVE
Owner/Operator City,State,Zip:	LOS GATOS, CA 95032
Owner/Operator Telephone:	408-316-1669
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: AMALIA ZACHER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2010 LYNN AVE
Owner/Operator City,State,Zip:	LOS GATOS, CA 95032
Owner/Operator Telephone:	408-316-1669
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201208
Handler Name:	AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTRY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTRY (Continued) **1026721722**

List of NAICS Codes and Descriptions:
NAICS Code: 541940
NAICS Description: VETERINARY SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G64 **7-ELEVEN 38459** **RCRA NonGen / NLR** **1027218656**
SW **6211 SANTA TERESA BLVD** **CAL000470530**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 2 of 13 in cluster G**

Relative: **Lower**
Actual: **187 ft.**

RCRA Listings:

Date Form Received by Agency:	20220505
Handler Name:	7-Eleven 38459
Handler Address:	6211 SANTA TERESA BLVD
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000470530
Contact Name:	JAMIL HERSHEWE
Contact Address:	PO BOX 711
Contact City,State,Zip:	DALLAS, TX 75221
Contact Telephone:	714-264-6074
Contact Fax:	Not reported
Contact Email:	JAMIL.HERSHEWE@7-11.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 711
Mailing City,State,Zip:	DALLAS, TX 75221
Owner Name:	7-Eleven Inc
Owner Type:	Other
Operator Name:	Jamil Hershewe
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

7-ELEVEN 38459 (Continued) **1027218656**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220518
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JAMIL HERSHEWE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 711
Owner/Operator City,State,Zip:	DALLAS, TX 75221
Owner/Operator Telephone:	714-264-6074
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: 7-ELEVEN INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3200 HACKBERRY RD
Owner/Operator City,State,Zip:	DALLAS, TX 75063
Owner/Operator Telephone:	714-264-6074
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

7-ELEVEN 38459 (Continued) **1027218656**

Historic Generators:
Receive Date: 20220505
Handler Name: 7-ELEVEN 38459
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G65 **7-ELEVEN, INC.** **RCRA NonGen / NLR** **1026825222**
SW **6211 SANTA TERESA BLVD** **CAC003138286**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 3 of 13 in cluster G**

Relative: **Lower**
Actual: **187 ft.**

RCRA Listings:
Date Form Received by Agency: 20210909
Handler Name: 7-Eleven, Inc.
Handler Address: 6211 SANTA TERESA BLVD
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003138286
Contact Name: CRYSTAL JUSTICE
Contact Address: 3200 HACKBERRY ROAD
Contact City,State,Zip: IRVING, TX 75063
Contact Telephone: 916-742-0232
Contact Fax: Not reported
Contact Email: CRYSTAL.JUSTICE@7-11.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 3200 HACKBERRY ROAD
Mailing City,State,Zip: IRVING, TX 75063
Owner Name: Zadco Enterprises

7-ELEVEN, INC. (Continued) **1026825222**

Owner Type:	Other
Operator Name:	Crystal Justice
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210913
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CRYSTAL JUSTICE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3200 HACKBERRY ROAD
Owner/Operator City,State,Zip:	IRVING, TX 75063
Owner/Operator Telephone:	916-742-0232
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

7-ELEVEN, INC. (Continued) **1026825222**

Owner/Operator Indicator: Owner
Owner/Operator Name: ZADCO ENTERPRISES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 15545 LOS GATOS BLVD
Owner/Operator City,State,Zip: LOS GATOS, CA 95032
Owner/Operator Telephone: 408-781-4256
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210909
Handler Name: 7-ELEVEN, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G66 **SANTA TERESA UNOCAL** **UST FINDER** **1028188870**
SW **6211 SANTA TERESA BLVD** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 4 of 13 in cluster G**

Relative: **Lower**
Actual: **187 ft.**

UST FINDER:
Object ID: 733101
Facility ID: CA10354561
Name: SANTA TERESA UNOCAL
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Address Match Type: PointAddress
Open USTs: 4
Closed USTs: Not reported
TOS USTs: Not reported
Population 1500ft: 2468
Private Wells 1500ft: 0
Within 100yr Floodplain: No

SANTA TERESA UNOCAL (Continued) **1028188870**

Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.803380997
Y Coord:	37.236488013
Latitude:	37.2364880131727
Longitude:	-121.803380996829

UST FINDER:

Object ID:	2263517
Facility ID:	CA10354561
Tank ID:	CA10354561-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Diesel
Tank Wall Type:	Double Wall

Object ID:	2263518
Facility ID:	CA10354561
Tank ID:	CA10354561-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	550
Substances:	Used Oil
Tank Wall Type:	Double Wall

Object ID:	2263519
Facility ID:	CA10354561
Tank ID:	CA10354561-003_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

Object ID:	2263520
Facility ID:	CA10354561
Tank ID:	CA10354561-004_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported

SANTA TERESA UNOCAL (Continued) **1028188870**

Tank Capacity:	12000
Substances:	Premium Unleaded
Tank Wall Type:	Double Wall

G67 **UNOCAL #5995** **UST FINDER RELEASE** **1029124109**
SW **6211 SANTA TERESA BOULEVARD** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 5 of 13 in cluster G**

Relative: **Lower**
Actual: **187 ft.**

UST FINDER RELEASE:

Object ID:	47809
Facility ID:	Not reported
Lust ID:	CAT0608501533
Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BOULEVARD
City,State,Zip:	SAN JOSE, CA 95119
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2488
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.8034
Y Coord:	37.2368900000001
Latitude:	37.23689
Longitude:	-121.803399999999

G68 **UNOCAL #5995** **LUST** **1000167301**
SW **6211 SANTA TERESA BLVD** **HIST LUST** **N/A**
< 1/8 **SAN JOSE, CA 95119** **HIST UST**
0.045 mi. **Cortese**
240 ft. **Site 6 of 13 in cluster G** **EMI**

Relative:
Lower

Actual:
187 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	08S2E18M01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	7/1/1991
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Region:	2
Facility Id:	Not reported
Facility Status:	Remedial action (cleanup) Underway
Case Number:	08S2E18M02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	1/21/1998
Pollution Characterization Began:	1/21/1998
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	11/2/2000
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST SANTA CLARA:

Name:	Unocal #5995
Address:	6211 Santa Teresa Blvd
City:	San Jose
Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	08S2E18M01
Oversite Agency:	SCVWD
Date Listed:	1991-01-03 00:00:00
Closed Date:	1991-10-24 00:00:00

Name:	Unocal #5995
Address:	6211 Santa Teresa Blvd
City:	San Jose
Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	08S2E18M02
Oversite Agency:	SCVWD
Date Listed:	1998-01-20 00:00:00
Closed Date:	Not reported

UNOCAL #5995 (Continued) **1000167301**

HIST UST:

Name:	UNION OIL SS 5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
File Number:	000209fb
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/000209fb.pdf
Region:	STATE
Facility ID:	00000060736
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SANTA TERESA UNION, INC.
Telephone:	4082276176
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST., SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0001
Tank Num:	001
Container Num:	5995-10-1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	001
Container Num:	5995-10-1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CORTESE:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608590617
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported

UNOCAL #5995 (Continued) **1000167301**

Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.36136518
Reactive Organic Gases Tons/Yr:	0.36136518
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.366923
Reactive Organic Gases Tons/Yr:	1.366923
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5541

UNOCAL #5995 (Continued) **1000167301**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.366923
Reactive Organic Gases Tons/Yr:	1.366923
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.154745742
Reactive Organic Gases Tons/Yr:	0.154745742
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

G69 **UNION OIL SS#5995** **HIST UST** **U001602743**
SW **6211 SANTA TERESA BLVD** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 7 of 13 in cluster G**

Relative: **Lower**

Actual: **187 ft.**

HIST UST:

Name:	UNION OIL SS#5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000021118
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SANTA TERESA UNION, INC.
Telephone:	4082276176
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0006

Tank Num:	001
Container Num:	5995-1-1
Year Installed:	1968
Tank Capacity:	00010000

UNION OIL SS#5995 (Continued) **U001602743**

Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

Tank Num:	002
Container Num:	5995-2-1
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

Tank Num:	003
Container Num:	5995-4-1
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	5995-1-1
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

Tank Num:	005
Container Num:	5995-2-1
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

Tank Num:	006
Container Num:	5995-4-1
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

G70 **UNOCAL #5995** **LUST** **S100947548**
SW **6211 SANTA TERESA BOULEVARD** **Cortese** **N/A**
< 1/8 **SAN JOSE, CA 95119** **ENF**
0.045 mi. **HIST CORTESE**
240 ft. **Site 8 of 13 in cluster G** **HAZMAT**
CIWQS
Relative: **CERS**
Lower

Actual: **187 ft.**

LUST:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608590617
Global Id:	T0608590617
Latitude:	37.236583
Longitude:	-121.803468
Status:	Completed - Case Closed
Status Date:	10/24/1991
Case Worker:	DEH
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	06/22/1990
Leak Reported Date:	06/22/1990
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/24/1991
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608590617
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DEH CASEWORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	smp@deh.sccgov.org
Phone Number:	4089183400

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608590617
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608590617
Action Type: RESPONSE
Date: 10/24/1991
Action: Other Report / Document

Global Id: T0608590617
Action Type: Other
Date: 06/22/1990
Action: Leak Reported

Global Id: T0608590617
Action Type: ENFORCEMENT
Date: 10/24/1991
Action: Closure/No Further Action Letter

Global Id: T0608590617
Action Type: ENFORCEMENT
Date: 07/01/1991
Action: Notice of Responsibility - #39263

LUST:
Global Id: T0608590617
Status: Open - Case Begin Date
Status Date: 06/22/1990

Global Id: T0608590617
Status: Open - Site Assessment
Status Date: 07/01/1991

Global Id: T0608590617
Status: Completed - Case Closed
Status Date: 10/24/1991

Name: UNOCAL #5995
Address: 6211 SANTA TERESA BOULEVARD
City,State,Zip: SAN JOSE, CA 95119
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501533
Global Id: T0608501533
Latitude: 37.2365982515312
Longitude: -121.803338527679
Status: Completed - Case Closed
Status Date: 11/02/2015
Case Worker: DEH

UNOCAL #5995 (Continued) **S100947548**

RB Case Number:	21-086
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	08S2E18M02f
Potential Media Affect:	Soil, Well used for drinking water supply
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, MTBE / TBA / Other Fuel Oxygenates, Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	01/20/1998
Leak Reported Date:	01/20/1998
How Discovered:	Subsurface Monitoring
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not stopped - Pending verification of source
No Further Action Date:	11/02/2015
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The site has been monitored since 1998. Groundwater Sampling includes 25 onsite and offsite monitoring wells and 5 extraction wells. The following is a summary from the second quarter 2011 monitoring report: TPH -G was reported in only one of the sampled wells during the current quarter (MW -16 at 88 ug/l); benzene was reported in two of the sampled wells during the current quarter (maximum concentration of 8.1 ug/l in MW-16). MTBE concentrations in groundwater, which range from low (maximum of 13 ug/l during the current quarter) to below the laboratory reporting limit, are expected to continue to decline. MTBE was reported in wells EW -3, MW 4, and MW -5, at concentrations consistent with decreasing trends. The maximum MTBE concentration (13 ug/l) was detected in zone A3 well MW-4, located immediately adjacent (southeast corner) of the site USTs. Groundwater flow in this zone, and the A1/A2 zone is most frequently toward the south (southeast & southwest), away from the Great Oaks wells which lie north of the site. TPH -D detection above the California Regional Quality Control Board, San Francisco Bay Region Environmental Screening Level (ESL) of 100 ug/l, at a concentration of 420 ug/l. All other TPH--D detections were below ESL. During the second quarter monitoring event, well MW -28 reported detectable concentrations of TPH]D (89 ug/l) and benzene (0.69 ug/l). A site visit revealed that the well box seal was compromised and allowed rainwater runoff in the parking lot to enter the well box and possibly the well itself. These detections may be due to the faulty well box seal. The well box was repaired in April 2011, and prior to sampling, the well was purged of six casing volumes in an effort to remove any runoff which may have accumulated in the well. In the previous quarter, the concentration of MTBE in well MW -28 was reported above the ESL of 5 ug/l with a concentration of 9 ug/l. In the current quarter, MTBE was not reported in MW-28. The second

UNOCAL #5995 (Continued) **S100947548**

quarter 2011 sampling event marks the sixth post -remediation monitoring event. Antea Group has submitted a closure summary form and the Request for Case Closure, dated February 23, 2011, to the SCCDEH. The SCCDEH has not yet responded to the request.

LUST:
Global Id: T0608501533
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: DEH CASEWORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: smp@deh.sccgov.org
Phone Number: 4089183400

LUST:
Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 04/04/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 04/09/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/20/2009
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/08/2013
Action: Request for Closure - Regulator Responded

Global Id: T0608501533
Action Type: REMEDIATION
Date: 11/02/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501533
Action Type: REMEDIATION
Date: 11/02/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501533
Action Type: REMEDIATION
Date: 08/18/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501533
Action Type: REMEDIATION
Date: 01/20/1998
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501533

UNOCAL #5995 (Continued) **S100947548**

Action Type: ENFORCEMENT
Date: 12/02/2008
Action: Staff Letter - #80022021

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 11/12/2009
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 12/24/1999
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/16/2014
Action: Rescission of Enforcement Action

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 08/26/2015
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 10/16/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 02/27/2015
Action: Staff Letter

Global Id: T0608501533
Action Type: Other
Date: 01/20/1998
Action: Leak Discovery

Global Id: T0608501533
Action Type: Other
Date: 01/20/1998
Action: Leak Reported

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/27/2008
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1998
Action: Remedial Progress Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/03/2005

UNOCAL #5995 (Continued) **S100947548**

Action:	Other Report / Document
Global Id:	T0608501533
Action Type:	RESPONSE
Date:	11/09/1998
Action:	Monitoring Report - Quarterly
Global Id:	T0608501533
Action Type:	RESPONSE
Date:	04/24/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608501533
Action Type:	ENFORCEMENT
Date:	04/25/2006
Action:	Staff Letter - #60425
Global Id:	T0608501533
Action Type:	ENFORCEMENT
Date:	09/22/2009
Action:	Staff Letter
Global Id:	T0608501533
Action Type:	ENFORCEMENT
Date:	08/15/2014
Action:	Staff Letter
Global Id:	T0608501533
Action Type:	ENFORCEMENT
Date:	05/29/2015
Action:	Staff Letter
Global Id:	T0608501533
Action Type:	ENFORCEMENT
Date:	11/02/2015
Action:	Closure/No Further Action Letter
Global Id:	T0608501533
Action Type:	RESPONSE
Date:	12/01/1998
Action:	Correspondence
Global Id:	T0608501533
Action Type:	RESPONSE
Date:	01/15/2010
Action:	Well Destruction Report
Global Id:	T0608501533
Action Type:	RESPONSE
Date:	10/30/2015
Action:	Email Correspondence
Global Id:	T0608501533
Action Type:	RESPONSE
Date:	10/29/2004
Action:	Other Report / Document

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/07/2014
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/07/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/04/1998
Action: NPDES / WDR Reports

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/28/2000
Action: Remedial Progress Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/20/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/16/1998
Action: Other Workplan

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 09/26/2008
Action: Staff Letter - #80026290

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 01/10/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/19/2001
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/26/2001
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/08/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/10/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/01/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/19/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/24/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/12/1998
Action: Correspondence

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/29/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/30/1998
Action: Soil and Water Investigation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/01/1951
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/18/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/13/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1998
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/18/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Interim Remedial Action Plan

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/07/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/18/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/30/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/24/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/24/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/24/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/12/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/13/1999
Action: Monitoring Report - Other

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/15/1998
Action: Soil and Water Investigation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/31/2000
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/24/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/31/2001
Action: CAP/RAP - Other Report

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/11/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/21/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/10/1998
Action: Other Workplan

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/21/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/10/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1998
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/17/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/05/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/15/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/13/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/13/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/22/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/22/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/13/2001
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/06/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/30/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/12/1998
Action: Correspondence

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/07/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/12/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/12/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/04/1999
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/10/1998
Action: Site Assessment Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/01/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/29/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/14/1998
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/30/2000
Action: Remedial Progress Report

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 02/14/1999
Action: Well Installation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/20/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/29/2000
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/02/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/15/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/15/1999
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/10/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/01/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/20/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/14/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/2000
Action: Correspondence

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/10/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/09/2002
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/21/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/17/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/30/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/18/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/08/2013
Action: Request for Closure

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/24/2015
Action: Well Destruction Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/16/2014
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/24/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 05/25/2005
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Well Installation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/10/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/08/2001
Action: Verbal Communication

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/28/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/12/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/21/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/20/1998
Action: Unauthorized Release Form

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/28/1994
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/01/2006
Action: Soil and Water Investigation Report

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/24/1998
Action: Interim Remedial Action Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/31/2000
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/01/1998
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/16/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/25/2011
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/27/2001
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/01/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 01/01/2000
Action: Clean-up and Abatement Order

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 07/03/1998
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/14/1998
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT

UNOCAL #5995 (Continued) **S100947548**

Date: 06/25/1998
Action: Preparation of Agenda Item

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 12/28/1999
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/19/2000
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 09/02/2011
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Email Correspondence

LUST:
Global Id: T0608501533
Status: Open - Case Begin Date
Status Date: 01/20/1998

Global Id: T0608501533
Status: Open - Site Assessment
Status Date: 01/21/1998

Global Id: T0608501533
Status: Open - Remediation
Status Date: 11/02/2000

Global Id: T0608501533
Status: Open - Eligible for Closure
Status Date: 06/07/2013

Global Id: T0608501533
Status: Completed - Case Closed
Status Date: 11/02/2015

LUST SANTA CLARA:
Name: UNOCAL #5995
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18M02F

UNOCAL #5995 (Continued) **S100947548**

Date Closed: Not reported
EDR Link ID: 08S2E18M02F

Name: UNOCAL #5995
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18M01F
Date Closed: 10/24/1991
EDR Link ID: 08S2E18M01F

CORTESE:

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	R2-2006-0075
Waste Discharge System No:	Not reported
Effective Date:	05/29/1998
Region 2:	2
WID Id:	2 438547002
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BOULEVARD
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608501533
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported

UNOCAL #5995 (Continued) **S100947548**

WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Region:	2
Facility Id:	203459
Agency Name:	ConocoPhillips Company Sacramento
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.235
Place Longitude:	-121.80472
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438547002
Reg Measure Id:	183211
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2006-0075
Npdes# CA#:	CAG912002
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000

UNOCAL #5995 (Continued) **S100947548**

Status:	Historical
Status Date:	02/03/2010
Effective Date:	05/29/1998
Expiration/Review Date:	09/19/2006
Termination Date:	12/13/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	242783
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	02/21/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/21/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438547002
Description:	Unauthorized discharge of 4,150 gal. of partially treated groundwater contaminated with MtBE.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	11/14/2001
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Region:	2
Facility Id:	203459
Agency Name:	ConocoPhillips Company Sacramento
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.235
Place Longitude:	-121.80472
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported

UNOCAL #5995 (Continued) **S100947548**

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438547002
Reg Measure Id:	183211
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2006-0075
Npdes# CA#:	CAG912002
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Historical
Status Date:	02/03/2010
Effective Date:	05/29/1998
Expiration/Review Date:	09/19/2006
Termination Date:	12/13/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	226716
Region:	2
Order / Resolution Number:	R2-2000-0001
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	01/20/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported

UNOCAL #5995 (Continued) **S100947548**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438547002
Description:	Not reported
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	UNOCAL
edr_fadd1:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-1573

SAN JOSE HAZMAT:

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	400733
Class:	Gasoline Station

CIWQS:

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Agency:	ConocoPhillips Company Sacramento
Agency Address:	76 Broadway, Sacramento, CA 95818
Place/Project Type:	Other
SIC/NAICS:	5541
Region:	2
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	R2-2006-0075
WDID:	2 438547002
NPDES Number:	CAG912002
Adoption Date:	Not reported
Effective Date:	05/29/1998
Termination Date:	12/13/2007
Expiration/Review Date:	09/19/2006
Design Flow:	0.0144
Major/Minor:	Minor
Complexity:	B
TTWQ:	2

UNOCAL #5995 (Continued) **S100947548**

Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.235
Longitude: -121.80472

CERS:
Name: 6211 SANTA TERESA-SJ, UNION 76
Address: 6211 SANTA TERESA
City,State,Zip: SAN JOSE, CA 95123
Site ID: 348440
CERS ID: 203459
CERS Description: NPDES Wastewater and Stormwater

Enforcement Action:
Site ID: 348440
Site Name: 6211 Santa Teresa-SJ, UNION 76
Site Address: 6211 SANTA TERESA
Site City: SAN JOSE
Site Zip: 95123
Enf Action Date: 02-21-2002
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Site ID: 348440
Site Name: 6211 Santa Teresa-SJ, UNION 76
Site Address: 6211 SANTA TERESA
Site City: SAN JOSE
Site Zip: 95123
Enf Action Date: 01-20-2000
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Name: UNOCAL #5995
Address: 6211 SANTA TERESA BOULEVARD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 693967
CERS ID: T0608501533
CERS Description: Leaking Underground Storage Tank Cleanup Site

Name: UNOCAL #5995
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 693968
CERS ID: T0608590617
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

UNOCAL #5995 (Continued) **S100947548**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400,

G71 **SANTA TERESA UNOCAL** **UST** **U004266339**
SW **6211 SANTA TERESA BLVD** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 9 of 13 in cluster G**

Relative: UST:
Lower

Actual: **187 ft.**

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	Not reported
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	Not reported
Latitude:	37.2366
Longitude:	-121.80345
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported

SANTA TERESA UNOCAL (Continued) **U004266339**

Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

Name:	7-ELEVEN INC. #38459
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0210373
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10354561
Latitude:	37.2366000
Longitude:	-121.803450
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	7-ELEVEN INC.
Tank owner mailing address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Tank owner mailing city:	DALLAS
Tank owner mailing zip:	75221
Tank owner mailing state:	TX
Tank operator name:	7-ELEVEN INC.
Tank operator mailing address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Tank operator mailing city:	DALLAS
Tank operator mailing zip:	75221
Tank operator mailing state:	TX
Tankidnumber:	2
Tank status:	Confirmed/Updated Information
Tank configuration:	One in a Compartmented Unit
Tank closure date:	Not reported
Tank installation date:	2/23/2022 12:00:00 AM
Tank num of compartments:	2
Tank contents:	Premium Unleaded
Tank capacity gallons:	8000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

SANTA TERESA UNOCAL (Continued) **U004266339**

Name:	7-ELEVEN INC. #38459
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0210373
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10354561
Latitude:	37.2366000
Longitude:	-121.803450
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	7-ELEVEN INC.
Tank owner mailing address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Tank owner mailing city:	DALLAS
Tank owner mailing zip:	75221
Tank owner mailing state:	TX
Tank operator name:	7-ELEVEN INC.
Tank operator mailing address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Tank operator mailing city:	DALLAS
Tank operator mailing zip:	75221
Tank operator mailing state:	TX
Tankidnumber:	1
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	2/23/2022 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	20000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	7-ELEVEN INC. #38459
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0210373
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10354561
Latitude:	37.2366000
Longitude:	-121.803450
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0

SANTA TERESA UNOCAL (Continued) **U004266339**

Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	7-ELEVEN INC.
Tank owner mailing address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Tank owner mailing city:	DALLAS
Tank owner mailing zip:	75221
Tank owner mailing state:	TX
Tank operator name:	7-ELEVEN INC.
Tank operator mailing address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Tank operator mailing city:	DALLAS
Tank operator mailing zip:	75221
Tank operator mailing state:	TX
Tankidnumber:	3
Tank status:	Confirmed/Updated Information
Tank configuration:	One in a Compartmented Unit
Tank closure date:	Not reported
Tank installation date:	2/23/2022 12:00:00 AM
Tank num of compartments:	2
Tank contents:	Diesel
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

G72 **SANTA TERESA UNOCAL** **CERS HAZ WASTE** **S103986771**
SW **6211 SANTA TERESA BLVD** **SWEEPS UST** **N/A**
< 1/8 **SAN JOSE, CA 95119** **CERS TANKS**
0.045 mi. **CUPA Listings**
240 ft. **Site 10 of 13 in cluster G** **EMI**
HWTS
Relative: **CERS**
Lower **NON-CASE INFO**

Actual:
187 ft.

CERS HAZ WASTE:

Name:	7-ELEVEN INC. #38459
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	701549
CERS ID:	10354561
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BLVD
City:	SAN JOSE
Status:	Active
Comp Number:	400733
Number:	9

SANTA TERESA UNOCAL (Continued) **S103986771**

Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400733-000001
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BLVD
City:	SAN JOSE
Status:	Active
Comp Number:	400733
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400733-000004
Tank Status:	A
Capacity:	520
Active Date:	Not reported
Tank Use:	OIL
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BLVD
City:	SAN JOSE
Status:	Not reported
Comp Number:	400733
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400733-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BLVD
City:	SAN JOSE

SANTA TERESA UNOCAL (Continued) **S103986771**

Status: Not reported
Comp Number: 400733
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400733-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CERS TANKS:
Name: 7-ELEVEN INC. #38459
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 701549
CERS ID: 10354561
CERS Description: Underground Storage Tank

CUPA SANTA CLARA:
Name: 7-ELEVEN INC#38459
Address: 6211 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 8008280711
UDF Email: Not reported
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.236985
Longitude: -121.803055
Record ID: PR0312953
Facility ID: FA0210373

Name: 7-ELEVEN INC#38459
Address: 6211 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 8008280711
UDF Email: Not reported
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier: Not reported
Latitude: 37.236985
Longitude: -121.803055
Record ID: PR0395892
Facility ID: FA0210373

Name: 7-ELEVEN INC#38459
Address: 6211 SANTA TERESA BL

SANTA TERESA UNOCAL (Continued) **S103986771**

City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	8008280711
UDF Email:	Not reported
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.236985
Longitude:	-121.803055
Record ID:	PR0395900
Facility ID:	FA0210373

EMI:

Name:	7-ELEVEN INC
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.36136518
Reactive Organic Gases Tons/Yr:	0.36136518
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HWTS:

Name:	7-ELEVEN 38459
Address:	6211 SANTA TERESA BLVD
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000470530
Inactive Date:	Not reported
Create Date:	05/05/2022
Last Act Date:	07/21/2023
Mailing Name:	Not reported
Mailing Address:	PO BOX 711
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DALLAS, TX
Owner Name:	7-ELEVEN INC.
Owner Address:	PO BOX 711
Owner Address 2:	Not reported
Owner City,State,Zip:	IRVING, TX 95063
Owner Phone:	7147715484
Owner Fax:	Not reported
Contact Name:	JENNIFER DART
Contact Address:	1722 ROUTH STREET
Contact Address 2:	SUITE 1000
City,State,Zip:	DALLAS, TX 75201

SANTA TERESA UNOCAL (Continued) **S103986771**

Contact Phone: 9728286592
Contact Fax: 9728288968
Facility Status: Not reported
Facility Type: Not reported
Category: Not reported
Latitude: Not reported
Longitude: Not reported

CERS:
Name: 7-ELEVEN INC. #38459
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 701549
CERS ID: 10354561
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-24-2015
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 08/18/2023. THE JANUARY 2015 REPORT FAILED TO HAVE AN ALARM HISTORY PRINT OUT.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes: Returned to compliance on 08/18/2023. Observed used oil inside the used oil spill bucket (about 2-3 gallons). The auto repair shop has been closed for about a year now. Based on records review that last hazardous waste disposal of used oil took place on 04/18/18. No used oil was being generated by the facility or being actively poured into the spill bucket at the time of this inspection. Immediately removed the used oil from the spill bucket. This spill bucket must be kept free from any debris. This is a repeat violation from Official Notice of Inspection Reports issued on 11/22/2016, 12/10/2013, and 02/14/2018.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 02-15-2018

SANTA TERESA UNOCAL (Continued) **S103986771**

Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 08/18/2023. The following consolidated manifests are improperly completed: - Used oil shipments on 5/17/2017 and 5/23/2016 improperly identify the facility's address as 5211 Santa Teresa Blvd, rather than 6211 Santa Teresa Blvd. - Used oil shipment on 5/17/2017 (same consolidated manifest as above) identifies the facility's CA EPA ID Number as CAL000159035, rather than CAL000159033.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	12-10-2020
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 03/03/2022. Facility has not conducted their annual monitoring system certification. This was due by November 2019 as stated in the NOI dated 3/5/19. Your anniversary month is November. Ensure that the annual monitoring system certification occurs in November each year. Within 30 days have UST monitoring systems tested by a certified technician and notify our department.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	03-05-2019
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 08/18/2023. When the annular sensors for all three tanks were tested by the technician, it only provided a visual alarm at the veeder root panel. The audible alarm was not functioning. According to technician it had to do with pizo buzzer inside the panel and a possible loose connection. Interstitial monitoring (annular sensors) must provide both an audible/visual alarms. Within 30 days make necessary repairs to the veeder root panel. Notify our office in writing how this issue was resolved.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-16-2018

SANTA TERESA UNOCAL (Continued) **S103986771**

Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/18/2023. No written response with the corrective actions taken and a signed certification of compliance for the Official Notice of Inspection Report issued on 11/22/2016 has been submitted to HMCD. A duplicate copy of the inspection report will be provided with this inspection report.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 08/18/2023. 1) All float and chain assemblies failed to trip the shear valve when water was added. It is of note that there are two float and chain assemblies (87 and 91) in UDC 3/4, 5/6, and 7/8 and three float and chain assemblies (87, 91, Diesel) in UDC 1/2. All float and chain assemblies were manipulated, but continued to fail testing. All float and chain assemblies also failed initial testing during the 2012, 2014, and 2015 Annual Monitoring System Certifications. The float and chain assemblies in UDC 1/2 and 3/4 also failed testing during the 2013 Annual Monitoring System Certification. The repeat and unresolvable nature of this violation confirms that continuous monitoring is not being consistently provided for UDC 1/2, 3/4, 5/6, and 7/8 and additional follow-up and repairs are needed. 2) The TLS-350 Monitoring Console failed to consistently provide an audible alarm when the VR 794390-205 sensors in the STP sumps were functionally tested. It was confirmed that the [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	02-14-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 08/18/2023. Observed un-drained used oil filters and a liquid layer of used oil at the bottom of the used oil and gasoline filters drum. Note that the transporter noted "punch hole" on the bill of lading for the filter pick-up occurring on 11/24/2017.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

SANTA TERESA UNOCAL (Continued) **S103986771**

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/07/2014.
_____ The waste antifreeze/coolant drum did not have the bung closed. Ensure the waste container is kept closed when not adding or removing waste.
_____
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 01-22-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/18/2015. NO FINANCIAL RESPONSIBILITY "LETTER FROM THE CHIEF FINANCIAL OFFICER" IS ON SITE. THE SUBMITTAL IN CERS IS OUT OF DATE / PAST DUE.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 01-16-2018
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 02/14/2018. The Annual Monitoring System Certification was due November, 2017, but was not conducted until 1/16/2018. This violation was corrected during this inspection, but ENSURE THAT ANNUAL MONITORING SYSTEM CERTIFICATIONS ARE COMPLETED BY THEIR DUE DATE EACH YEAR.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 01-16-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 08/18/2023. The facility's CA EPA ID Number: CAL000159033 has been inactive since 6/20/2015. A copy of DTSC FORM

SANTA TERESA UNOCAL (Continued) **S103986771**

1358 will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/07/2014. _____ There were paper filters in the used oil/fuel filter drum. These filters do not meet the exemption criteria. Either remove those filters and manage them as hazardous waste, or begin treating the entire drum as hazardous waste with full labelling and accumuation time requirements. _____

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-22-2016
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 08/18/2023. 1) Diesel Tank Information Page: -The Vapor Recovery Secondary Containment is listed as "fiberglass," but should be identified as "none." 2) Waste Oil Tank Information Page: - The facility marked "Yes" to the Fill Components Installed - Containment Sump, but there is no Fill Containment Sump installed. Mark "No" to the Fill Components Installed - Containment Sump. - The Fill/Riser Pipe Secondary Containment is listed as "Fiberglass," but should should be listed as "None." 3) Ensure that you mark "Renewal Permit" to the Type of Action on the UST Facility Operating Permit Application page.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 06/27/2023. The facility does not have a valid UST Permit to Operate. Upon confirmation from our Department that all the violations listed on this inspection report have been corrected as well having a working/functional UST system, a five year UST Permit to Operate will be issued to this site.
Violation Division: Santa Clara County Environmental Health

SANTA TERESA UNOCAL (Continued) **S103986771**

Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 08/18/2023. The MLLD failed when tested during this inspection as tank 3- show an invalid fuel level. There wasn't enough fuel to test this line leak detector. Once the this tank has fuel, arrange to have the MLLD retested for functionality.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 01/07/2014.

The waste oil spill bucket had approximately 2 quarts of oil in the bottom. Re-train staff to take care when adding waste oil to the tank and immediately clean up any spills that occur, even in the spill bucket.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: Returned to compliance on 08/18/2023. The direct bury 5-gallon spill bucket for the used oil tank had used oil inside (about 2-3 gallons). The auto repair shop has been closed for about a year now. When

SANTA TERESA UNOCAL (Continued) **S103986771**

technician conducted a hydrostatic test on this bucket it was not liquid tight. Repair, Replace and Re-test spill bucket. A permit from our office will be required in the event the spill bucket is replaced. Notify our office in writing how this issue was resolved.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 03/05/2019. The annual monitoring system certification was due in November 2017, but it was conducted until 03/05/2019. This is a repeat violation from inspection report issued on 02/14/2018. Your annual monitoring system certification must be conducted every 12 months. This violation was corrected during this inspection. However, ENSURE THAT THE ANNUAL MONITORING SYSTEM CERTIFICATION IS COMPLETED ON YOUR ANNIVERSARY MONTH OF NOVEMBER OF EACH YEAR. THEREFORE, YOU MUST COMPLETE YOUR NEXT MONITORING SYSTEM CERTIFICATION BY NO LATER THAN NOVEMBER 2019.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/07/2014. The used oil/fuel filter drum did not have the accumualtion start date. Ensure the drum has complete markings.

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2020
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 03/03/2022. Facility has not sent back compliance documentation and correspondence for the NOIs dated 3/5/19, 2/14/18, and 11/22/16. Within 30 days provide written corrective

SANTA TERESA UNOCAL (Continued) **S103986771**

	actions taken for all missing NOIs including this one issued today. Failure to respond could potentially lead to further enforcement action from our department.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-22-2015
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes:	Returned to compliance on 02/18/2015. THE 87 GRADE MECHANICAL LINE LEAK DETECTOR WAS TESTED AND FOUND TO NOT PROVIDE RESTRICTION WHEN TESTED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-22-2015
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 02/18/2015. SUBMIT THE REQUIRED INFORMATION IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) AS REQUIRED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the CUPA.
Violation Notes:	Returned to compliance on 06/27/2023. The facility does not have a valid UST Permit to Operate. Correct all violations that remain open and provide a written response to HMCD documenting the actions taken to correct each violation. Upon receiving a written response stating that the facility has returned to compliance, HMCD will conduct a follow-up inspection to verify compliance. Once HMCD verifies the facility has returned to compliance, a five year UST Permit to Operate will be issued.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459

SANTA TERESA UNOCAL (Continued) **S103986771**

Violation Date:	01-16-2018
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes:	Returned to compliance on 08/18/2023. The 2016 Annual Monitoring System Certification & Spill Bucket Test Report are not on-site and available for review during inspection. This has been documented in all DUSTO monthly inspection reports for the past month.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-16-2018
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 08/18/2023. No written response with the corrective actions taken and a signed certification of compliance for the Official Notice of Inspection Reports issued on 3/31/2015, 11/24/2015, and 11/22/2016 have been submitted to HMCD. THIS IS A REPEAT VIOLATION FROM THE OFFICIAL NOTICE OF INSPECTION REPORT ISSUED ON 11/22/2016. A duplicate copy of the NOIs was provided to Mr. Naderzad at the time of inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-16-2018
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 06/27/2023. The facility does not have a valid UST Permit to Operate (different than HMCD permit fees). Correct all violations that remain open and provide a written response to HMCD documenting the actions taken to correct each violation and a signed certification of compliance. Upon confirmation that the facility has returned to compliance, a five year UST Permit to Operate will be issued. This is a repeat violation from the Official Notice of Inspection Report issued on 11/22/2016.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-22-2015
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double wall pressurized piping in the under dispenser

SANTA TERESA UNOCAL (Continued) **S103986771**

containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 02/18/2015. THE BRAVO BOX FLOAT AND CHAIN ASSEMBLIES IN ALL DISPENSERS WERE FOUND TO NEED SERVICE PRIOR TO THEM FUNCTIONING PROPERLY. SERVICE WAS CONDUCTED WHILE ON SITE, VIOLATION CORRECTED AT THE SAME TIME. MAINTAIN AS DESIGNED AND FUNCTIONAL. OK
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes: Returned to compliance on 08/18/2023. Based on records review the last Secondary Containment Testing (SB989) was last conducted on 07/28/2015 by Balch Petroleum. Your secondary containment testing is currently overdue. Within 30 days have UST secondary containment systems tested by certified technician and notify our Department of when this testing will take place. An inspector from our Department needs to be present during this inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill

SANTA TERESA UNOCAL (Continued) **S103986771**

prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 08/18/2023. During this inspection, there were no records to indicate that the overfill prevention equipment has been inspected as required. Within 30 days have overfill prevention equipment tested and inspected by a certified technician. Provide copies of this testing to our office.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 08/18/2023. UST owner/operator has failed to provide written corrective actions for the following Official Notice of Inspections (Notice to Comply); 11/22/2016 and 2/14/2018. Within 30 days provide written corrective actions taken to all the Official Notice of Inspection reports listed as well as the one issued today. Failure to respond could potentially lead to further enforcement action from our Department.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-22-2016
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes: Returned to compliance on 08/18/2023. The DUSTO Inspection Reports from 1/27/2016, 12/31/2015, and 11/30/2015 mark "No" to question 9, "Monitoring System Certification has been completed within past 12

SANTA TERESA UNOCAL (Continued) **S103986771**

months" and question 11, "Spill containment structure (bucket) testing was completed within the past year," but identify the most recent date of the Monitoring System Certification and Spill Bucket Test as 11/24/2015. HMCD's records confirm that a Monitoring System Certification and Spill Bucket Testing was conducted on 11/24/2015 and the facility was not past due. Therefore, question 9 and question 11 should be marked as "Yes." Ensure that all DUSTO inspections properly review and document whether all UST system testing and maintenance has been completed as required.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-22-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 08/18/2023. A audible alarm failed to activate when the underground storage tanks' interstitial leak sensors were functionally tested. It is of note that a visual alarm was provided when all interstitial leak sensors were functionally tested. Further investigation confirmed that the Piezo buzzer is loose on the circuit board. The bad connection between the buzzer and the circuit board results in an audible alarm that is not consistently activated. Have the monitoring system repaired so that an audible alarm is activated whenever a leak is detected by an interstitial leak sensor. PLEASE NOTE THAT A PERMIT FROM HMCD IS REQUIRED FOR ANY COLD START OF UST MONITORING EQUIPMENT. ENSURE THAT A RETROFIT PERMIT IS OBTAINED FROM HMCD IF A COLD START OCCURS OR IS NECESSARY TO COMPLETE THE REPAIR.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 01/07/2014.

The facility could not locate complete records for the 2012 year. Obtain copies of pickup reciepts and be sure to maintain 3 years worth of consolidated manifests for review.

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019

SANTA TERESA UNOCAL (Continued) **S103986771**

Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 08/18/2023. The UST monitoring plan currently found on CERS as of ; 01/03/2019 lists Personnel Responsibilities; Jim Matzadi- Mechanic. Jim has not been employed at this site for about a year now. Update the UST monitoring plan for all 4 UST's at this site listing the correct responsible person.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	12-10-2020
Citation:	23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description:	"Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes:	Returned to compliance on 03/03/2022. Facility's last SB989 was conducted 7/28/2015. SB989 testing was due by July 2018. Within 30 days have UST secondary containment systems tested by a certified technician and notify our department.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 08/18/2023. A copy of the 11/24/2015 Annual Monitoring System Certification and Spill Bucket Test Results are not available for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	12-10-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 01/07/2014.

SANTA TERESA UNOCAL (Continued) **S103986771**

The 2011 Monitoring System Certification report was not available for review. Obtain a copy and keep on site for review.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 03/03/2022. There were no records on site to indicate that the overfill prevention equipment had been inspection. Within 30 days have overfill prevention equipment tested and inspected by a certified technician. Provide copies of this test report to our office.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/07/2014.

The used oil/fuel filter drum was not closed. Ensure the drum is closed when not adding or removing filters.

SANTA TERESA UNOCAL (Continued) **S103986771**

Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-24-2015
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 12/22/2016. THE DIRECT BURIED DIESEL SPILL BUCKET FAILED TO HOLD LIQUID FOR 60 MINUTES.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	03-05-2019
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 08/18/2023. Observed 1 x 30 gal. waste antifreeze drum stored in the back of the shop area by the monitoring panel. Based on records review, there were no records to indicate that waste antifreeze was picked up within the last year. The auto repair shop has been closed for about a year according to cashier. Within 30 days dispose of waste antifreeze and provide copies of disposal receipt to my office.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-24-2015
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter

SANTA TERESA UNOCAL (Continued) **S103986771**

16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 08/18/2023. THE DUSTO FAILED TO TRAIN THE FOLLOWING EMPLOYEES WHO HAVE UST RESPONSIBILITIES AND HAVE BEEN EMPLOYED FOR MORE THAN 30 DAYS: -BEN STURGES -SAM STURGES -CESAR BARRERA
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-22-2016
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 08/18/2023. Significant quantities of wet and dried diesel residue was observed on the diesel nozzles and hoses at UDC 1/2. A significant amount of diesel residue is also observed on the outward-facing dispenser walls and on the concrete pad below the nozzles and hose. Ensure that the diesel nozzles and hoses are properly maintained in a manner that prevents the release of diesel (i.e. Replace/Repair dispenser nozzles and hoses as needed or when determined to be leaking).
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-24-2015
Citation: 23 CCR 16 2636(f)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(5)
Violation Description: Failure to maintain all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the under dispenser containment.
Violation Notes: Returned to compliance on 08/18/2023. THE FLOAT AND CHAIN ASSEMBLY FAILED AT EACH DISPENSER. THE TECHNICIAN CLEANED OUT THE FLOATS, TIGHTENED THE CHAINS AND RE-TESTED THE FLOATS WITH WATER. THE FLOATS TRIPPED THE SHEAR VALVE.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459

SANTA TERESA UNOCAL (Continued) **S103986771**

Violation Date:	01-22-2015
Citation:	23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description:	Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Notes:	Returned to compliance on 02/18/2015. THE ANNUAL UST MONITORING SYSTEM TESTING WAS BEING DONE IN NOVEMBER (2011 AND 2012). SINCE THAT TIME THE MONITORING SYSTEM CERTIFICATION TESTING MONTH HAS SLIPPED TO DECEMBER, 2013, AND NOW 2015. THERE IS NO UST MONITORING SYSTEM CERTIFICATION PERFORMED IN 2014. THIS STATION, SANTA TERESA UNOCAL, SHALL RETURN TO THE MONTH OF NOVEMBER, EVERY YEAR, FOR THE ANNUAL UST MONITORING SYSTEM TESTING.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-16-2018
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 02/14/2018. UDC 7/8: The float and chain assembly failed to trip the shear valve when water was introduced into the UDC pan. The float was cleaned and a re-test was conducted. Upon re-test, the float and chain assembly successfully passed functional testing. This violation was corrected at the time of inspection. NO FURTHER ACTION IS NEEDED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	02-15-2018
Citation:	HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description:	Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes:	Returned to compliance on 08/18/2023. The facility is commingling paper used oil filters and metal-encased used oil and fuel filters and managing the mixture under the relaxed "drained used oil and gasoline filter" requirements. Paper used oil filters do not qualify for this relaxed management standard, because they cannot be recycled for their scrap metal value. Either begin separating the paper used oil filters from the metal-encased used oil and gasoline filters and manage the paper filters as hazardous waste or begin managing the commingled mixture as hazardous waste.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549

SANTA TERESA UNOCAL (Continued) **S103986771**

Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/07/2014. The 30-gallon antifreeze/coolant drum and one used oil rolling cart did not have legible labels with all the required information. Ensure all waste containers are properly labeled.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 01/07/2014. The diesel spill bucket did not hold water during the test. Investigate the leak and have the spill bucket repaired. A drain valve repair/replacement does not require a permit. Replacing the spill bucket will require a permit from HMCD. Disregard the corrective text below, you may continue to fill the diesel tank.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 08/18/2023. The power light (green light) on the veeder root panel was out during this inspection. Replace the light bulb to the panel and notify our office in writing when this issue is resolved.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-22-2016

SANTA TERESA UNOCAL (Continued) **S103986771**

Citation:	HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)
Violation Description:	Failure to construct, operate, and maintain primary containment as product-tight.
Violation Notes:	Returned to compliance on 08/18/2023. 1) Diesel residue and liquid diesel was observed in UDC 1/2. Further investigation identified the diesel filter as the source of the leak. 2) Gasoline was confirmed to be leaking from the 91-grade filter in UDC 5/6. All filters are marked as being installed on 9/9/2014. At the minimum, replace the filters that are confirmed to be leaking fuel. Continue to ensure that the filters are maintained in a manner that prevents fuel from being released (i.e. replace when needed).
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-22-2015
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 02/18/2015. THE SENSOR WAS FOUND IN THE 87 GRADE STP SUMP TO BE IN AN INNAFECTIVE POSITION, UNABLE TO DETECT A LEAK AT THE EARLIEST OPPORTUNITY. THIS WAS CORRECTED AT THE TIME OF SENSOR REPLACEMENT TODAY. OK
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	03-05-2019
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 08/18/2023. The float and chain mechanism failed to trip the shear valve when water was added to the UDC at the following dispensers; - UDC 3/4- 87 grade failed - UDC 5/6- 87 grade failed Additionally, for UDC 1/2 the shear valve was already tripped at the time of inspection because there was diesel inside the UDC. At this dispenser both of the diesel pumps are not working. There is an "Out of Order" bag over each diesel nozzle. At the time of this inspection, I could not observe any visible leaks from the pumps into the dispenser. Immediately, investigate where the leak it's coming from and make the necessary repairs. Additionally, ensure that all float and chain mechanism are adjusted and retested to verify functionality.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	02-14-2018

SANTA TERESA UNOCAL (Continued) **S103986771**

Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 08/18/2023. Bills of lading for used oil and gasoline filter pick-ups occurring on 6/24/2016 and 4/17/2014 improperly identify the facility's address as 5211 Santa Teresa Blvd, rather than 6211 Santa Teresa Blvd. Ensure your used filter hauler properly identifies your address on bills of lading.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 08/18/2023. 1) 87 UST System: - The MLLD manufacturer is listed as "Vaporless" and the MLLD Model is listed as "LD2000," but the MLLD manufacturer should be listed as "Vaporless Manufacturing" and the MLLD Model should be listed as "99LD-2000." 2) 91 UST System: - The MLLD manufacturer is listed as "Vaporless" and the MLLD Model is listed as "LD2000," but the MLLD manufacturer should be listed as "Vaporless Manufacturing" and the MLLD Model should be listed as "LD-2000." 3) Diesel UST System: - The MLLD manufacturer is listed as "Red Jacket" and the MLLD Model is listed as "FX2D," but the MLLD manufacturer should be listed as "Veeder-Root" and the MLLD Model should be listed as "Red Jacket FX2DV."
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 08/18/2023. The only facility employee on-site at the time of the monitoring system certification is "Devin," who has been working at the facility for approximately 4 months. Devin is not listed as being provided with UST training and no DUSTO inspection report states that new employee training has been provided since the annual employee refresher training on 12/31/2015. Mr. Motazedi confirmed that the facility is behind on employee training.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	02-14-2018
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7,

SANTA TERESA UNOCAL (Continued) **S103986771**

	Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 08/18/2023. At the time of inspection, the used oil fill spill bucket contained approximately 3 gallons of used oil. No used oil was being generated by the facility or being actively poured into the spill bucket at the time of inspection. THIS IS A REPEAT VIOLATION FROM THE OFFICIAL NOTICE OF INSPECTION REPORTS ISSUED ON 11/22/2016 AND 12/10/2013.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	03-05-2019
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes:	Returned to compliance on 08/18/2023. Copies of the 2016 and 2018 Annual Monitoring System Certification & Spill Bucket Test Reports were not available on-site and available for review during this inspection. This has also been documented by the DUSTO in the monthly inspection reports for the past 12 months. Obtain required test reports on the facility's binder and have it available for review during future inspections.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	02-14-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 02/14/2018. Sean Hyde has not had required annual DUSTO training since 12/22/2016.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	03-31-2015
Citation:	HSC 6.7 25299 - California Health and Safety Code, Chapter 6.7, Section(s) 25299
Violation Description:	Failure to comply with one or more of the operating permit conditions.
Violation Notes:	. The Sump Lit Assembly on the 91 Octane UST - Submersible Turbine Pump (STP) sump has a Structural Failure of the lid support. This condition was observed and photographed on 12/31/2014 and today 3/31/2015. No activity has been made to replace, repair, or service this component, since 12/31/2014. Submit a Permit Application, available on the SCC-HMCD web site, for permit approval to perform

SANTA TERESA UNOCAL (Continued) **S103986771**

reconstruction/replacement of this component.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 02-14-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 08/18/2023. - Underground used oil tank is un-labeled and fill pipe is not marked "used oil" - one used oil roller missing initial accumulation date. Note that "emptied daily" may be used for an initial accumulation date if the roller is emptied of contents daily. - one 30 gallon used antifreeze drum is not marked with most recent initial accumulation date. Note that a pick-up occurred on 6/22/2015.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 03-05-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Response Plan.
Violation Notes: Returned to compliance on 08/18/2023. The UST response plan currently available on-site and on CERS lists; Jim Matzadi as a responsible person. Jim was the mechanic at this site but he is no longer employed and hasn't been employed for about a year. Update/Upload on CERS the UST response plan with the correct responsible person.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 11-22-2016
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to this chapter.
Violation Notes: Returned to compliance on 08/18/2023. One, 50 gallon, gray, plastic, empty drum labeled as "Electolyte Supply Co. Battery Grade Electrolyte - Poison - Sulfuric Acid" was observed in the facility's trash dumpster. The empty, contaminated container was removed from the dumpster and a label that marks the contaminated container as "empty" and the date in which it was emptied was affixed to container at the time of inspection. Ensure that any empty container that formerly held a hazardous material or hazardous waste and is larger than 5 gallons

SANTA TERESA UNOCAL (Continued) **S103986771**

	in capacity is reconditioned, recycled, or reclaimed for its scrap value on-site or reconditioned, recycled, or reclaimed for its scrap value off-site within one year of being emptied. If transported off-site, the container must be packaged and transported in accordance with applicable U.S. Department of Transportation regulations. The empty, contaminated container may also be returned it to the supplier to be refilled within one year of being emptied [22CCR [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	01-16-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 08/18/2023. The UST Tank Information Pages include the following incorrect information: - Tank ID# T1: 87 (Regular Unleaded UST): The Vapor Recovery Secondary Containment is listed as "fiberglass." Amend to "None." - Tank ID# 72: 91 (Premium Unleaded UST): The Vapor Recovery Secondary Containment is listed as "fiberglass." Amend to "None." - Tank ID# T3: DIESEL (Diesel UST): The Vapor Recovery Secondary Containment is listed as "fiberglass." Amend to "None." - Tank ID# T4: WASTE OIL (Used Oil UST): - The facility marked "Yes" to the Fill Components Installed - Containment Sump, but there is no Fill Containment Sump installed. Mark "No" to the Fill Components Installed - Containment Sump. - Tank ID# T4: WASTE OIL (Used Oil UST): The Fill/Riser Pipe Secondary Containment is listed as "Fiberglass." Amend to "None." This is a repeat violation from the Official Notice of Inspection Report issued on 11/22/2016.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes:	Returned to compliance on 08/18/2023. The facility was inspected on 3/31/2015 and 11/24/2015 and an Official Notice of Inspection Report (NOI) citing open violations was issued. As of 11/22/2016, a written response with the corrective actions taken for each violation has not been submitted to HMCD. A new copy of both NOIs was provided to Mr. Motazedi at the time of inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	701549
Site Name:	7-ELEVEN INC. #38459
Violation Date:	11-22-2016

SANTA TERESA UNOCAL (Continued) **S103986771**

Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes: Returned to compliance on 08/18/2023. The used oil spill bucket was noted to contain at least one gallon of used oil at the beginning of the inspection (approximately 9:00am). No used oil was being generated by the facility or being actively poured into the spill bucket at the time of inspection. All spills and overfills must be immediately cleaned-up and properly managed, even when contained within the spill bucket. *This is a repeat violation from the 12/10/2013 Official Notice of Inspection Report.*
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 02-15-2018
Citation: HSC 6.5 25123.3(h)(1)(C) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)(C)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal of acute/extremely hazardous waste after the first 1-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes: Returned to compliance on 08/18/2023. Used oil is routinely generated and accumulated in the 550 gallon used oil tank. Consolidated manifests confirm that used oil pick-ups have only occurred on 5/17/2017 (235 gallons), 6/23/2016 (350 gallons),1/19/2015, and 2/19/2014 (135 gallons). As noted below, hazardous waste cannot remain on-site for longer than 180 days after accumulating 100kg (approximately 27 gallons) of hazardous waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Violation Date: 12-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 12/10/2013.
_____ The Bravo floats at dispenser 1/2 and 3/4 did not function when tested. After adjustment/cleaning, the floats and chain assemblies functioned as required. No further corrective actions required.
_____
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site for a routine hazardous waste inspection. The facility is a

SANTA TERESA UNOCAL (Continued) **S103986771**

motor vehicle fueling gas station that dispenses Regular Gasoline, Premium Gasoline, and Diesel. Small quantities of automotive repair work is also conducted. Hazardous wastes routinely generated include used oil, used antifreeze, and used oil and gasoline/diesel filters. NOTES: - CA EPA ID Number: CAL000159033 (INACTIVE) - Emergency response procedures are posted. - Hazardous waste container area inspections are conducted weekly. - The used oil tank is continuously monitored in accordance with UST requirements. - Employees are provided with on-the-job waste handling training. - Consolidated manifests and bills of lading from the past 3 years were reviewed during inspection. - Contaminated re-usable rags are collected and commercially laundered.

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site for an Annual Monitoring System Certification performed by Balch Petroleum Service Technician, Elmer Mortera. Mr. Mortera has all required certifications. This inspection began on 1/16/2018 at the time of the Annual Monitoring System Certification and was completed with the inspection report issuance on 2/14/2018. The underground storage tank (UST) systems are comprised of four, double-walled steel primary, fiberglass secondary tanks (12,000 gallon Regular Unleaded, 12,000 gallon Premium Unleaded, 12,000 gallon Diesel, 550 gallon Used Oil). The Regular, Premium and Diesel USTs are used for motor vehicle fueling and the Used Oil tank is used to store hazardous waste (used oil). The reported date of installation for all tanks is 1/1/990. The motor vehicle fueling UST systems have double-walled, fiberglass, pressurized piping. The Used Oil UST has no regulated piping. All spill buckets are direct bury. A Veeder-Root TLS-350 monitoring console is used to monitor [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site for an Annual Monitoring System Certification performed by Balch Petroleum Service Technician, Elmer Mortera. Mr. Mortera has a current ICC Service Technician Certification (#5248052, exp. 1/4/2018), Veeder-Root Level 4 certification (A28170, exp. 1/3/2018), Vaporless Manufacturing (VMI) LDT-890 certification (#1765, exp. 3/4/2018), VMI MLLD certification (#1765, exp. 3/4/2018), and Veeder-Root Red Jacket MLLD certification (#A28170, exp. 2/8/2018). The underground storage tank (UST) systems are comprised of four, double-walled steel primary, fiberglass secondary tanks (12,000 gallon Regular Unleaded, 12,000 gallon Premium Unleaded, 12,000 gallon Diesel, 550 gallon Used Oil). The Regular, Premium and Diesel tanks are used for motor vehicle fueling and the Used Oil tank is used to store hazardous waste (used oil). The reported date of installation for all tanks is 1/1/990. The motor vehicle fueling UST systems have

SANTA TERESA UNOCAL (Continued) **S103986771**

double-walled, fiberglass, pressurized piping. [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Gas station and minor auto repair operations. EPA ID# CAL000159033 is active. Waste oil in UST, waste coolant (30 gallon) and used oil/fuel filters currently accumulating. Shop rags laundered. Emergency equipment available and properly serviced.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to review facility's paperwork as part of the annual monitoring system certification for the year 2020 during the COVID 19 emergency. Facility's last annual monitoring system certification with an inspector present was in March 2019. DUSTO monthly reports and employee training were reviewed. Your next annual monitoring system certification is due by November 2021.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE CERS /HAZARDOUS MATERIALS BUSINESS PLAN (HMBP) REVIEW SAIMAK DORJI, SITE MANAGER, SANTA TERESA UNOCAL, ON SITE TO PROVIDE SITE ACCESS AND RECORDS REVIEW. NOTE: THE MOST RECENT UPDATE SUBMITTED INTO CERS WAS IN 2013. THE HMBP IS TO BE RE-CERTIFIED ANNUALLY OR UPDATED AS NEEDED. SEE VIOLATION "Submitted for CERS ID 10354561 on 8/19/2013 3:55PM by Gina Pimentel of SANTA TERESA UNOCAL (SAN JOSE, CA) Submittal was Accepted on 12/11/2013 by Matthew Burge for Santa Clara County Environmental Health Comments by regulator: Please add the Property Owner information on the Business Owner/Operator Identification page on the next submittal." CERS CONTACTS: Gina Pimentel gina.pimentel@stantec.com Consultant Username: gina.pimentel@stantec.com Permissions: Lead Users Steve Skanderson steve.skanderson@stantec.com Associate Username: steve.skanderson@stantec.com Permissions: Lead Users Frank Naderzad fnaderzad@comcast.net Manager
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2018
Violations Found: No

SANTA TERESA UNOCAL (Continued) **S103986771**

Eval Type: Routine done by local agency
Eval Notes: On-site for a routine hazardous materials business plan (HMBP) inspection. The following hazardous materials/wastes were observed in quantities above HMBP reportable thresholds: 1) Gasoline: 24,000 gallons total a) Regular Unleaded Gasoline (UST): 12,000 gallons b) Premium Unleaded Gasoline (UST): 12,000 gallons 2) Diesel (UST): 12,000 gallons total 3) Used Oil (one UST, one ~16 gallon roller container): 566 gallons total 4) Propane (aboveground tank): 500 gallons total It is of note that new antifreeze, used antifreeze, motor oil, and used oil and gasoline filters were observed on-site, but in quantities below HMBP thresholds. NOTES: - CERS ID: 10354561 - Most recent HMBP submittal: 1/19/2018 - HMBP is submitted annually. - HMBP employee training records from the past 3 years are on-site and were reviewed during inspection.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct an annual monitoring system certification. Testing was conducted by Elmer Mortera with Balch Petroleum. Mr. Mortera has the following current certifications; ICC (exp., 12/30/19); VR (exp.,5/26/2020); VMI (exp.,03/05/19); OPW (exp., 04/2019). Prior to testing the following alarms were noted at the veeder root panel; T3: Low Product Alarm T3: Invalid Fuel Level T3: Delivery Needed The following components were tested and passed during this inspection; -3 STP sump sensors provided an audible/visual alarm. -4 Annular sumps provided a visual alarm only. - Fail Safe and Sensor out was verified - 2 MLLD's provided a slow flow condition at the pump when a leak of 3.0 g.p.h @ 10 p.s.i was detected. - 2 UDC's float and chain mechanism when tested was able to trip the shear valve. - Mechanical Flapper valves was verified in all three fuel tanks as means of overfill prevention. The following documents were reviewed during this inspection; -12 [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness the annual monitoring system certification and spill bucket test performed by Mr. Robert Henniger (ICC #8001441-UT, exp. 8/15/2015; VR #A25027 Level 4 + Red Jacket MLD exp. 11/14/2015; VMI #1766 install and #1767 test, exp. 4/24/2014) of Balch Petroleum. Site consists of 4 tanks (diesel, regular and premium gasoline and waste oil) and 4 dispenser pairs. Tank sumps and annulars monitored by a Veeder-Root TLS-350 panel. Panel showed a low temperature warning for tank 3, but no active alarms at arrival. The power light was out. UDCs monitored by Bravo float and chain assemblies. The annular (VR -420) and sump (VR -205) sensors were tested in water and provided audible and visible alarms. The sump sensors also provided positive shutdown of the turbines. Sensor out and power out (fail safe)

SANTA TERESA UNOCAL (Continued) **S103986771**

triggered positive shutdown of all turbines. The VMI LD 2000 leak detectors installed on the regular and supreme turbine and the Red Jacket FX2DV leak detector [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE FOR 2014 UST MONITORING SYSTEM CERTIFICATION, LATE BY TWO MONTHS. SAIMAK DORJI, SITE MANAGER, SANTA TERESA UNOCAL, ON SITE TO PROVIDE SITE ACCESS AND RECORDS REVIEW. NOTE: THE ANNUAL UST MONITORING SYSTEM TESTING WAS BEING DONE IN NOVEMBER (2011 AND 2012). SINCE THAT TIME THE MONITORING SYSTEM CERTIFICATION TESTING MONTH HAS SLIPPED TO DECEMBER, 2013, AND NOW 2015. THERE IS NO UST MONITORING SYSTEM CERTIFICATION PERFORMED IN 2014. SEE VIOLATION. THIS STATION, SANTA TERESA UNOCAL, SHALL RETURN TO THE MONTH OF NOVEMBER, EVERY YEAR, FOR THE ANNUAL UST MONITORING SYSTEM TESTING. NOTE: THE SENSOR IN THE MID GRADE STP SUMP WAS FOUND TO BE LOCATED ON THE LESS EFFECTIVE SIDE OF THE SUMP, AT A LOW ANGLE (45 DEGREE ANGLE). THIS IS NOT LOCATED IN THE PROPER POSITION TO DETECT A FUEL LEAK AT THE EARLIEST OPPORTUNITY. SEE VIOLATION, THIS WAS CORRECTED WHILE ON SITE. NOTE: I RECIEVED THE 11/1/2011 UST MONITORING SYSTEM CERTIFICATION, CONDUCTED BY BALCH PETROLEUM. [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: The following components were tested and passed during this inspection; - 3 STP sump sensors provided an audible/visual alarm only - Fail Safe and Sensor out were verified. - 2 MLLD’s provided a slow flow condition at the pump when a leak of 3.0 g.p.h @10 p.s.i was detected. - 2 UDC’s float and chain mechanism when tested was able to trip the shear value. - Mechanical Flapper values was verified in all three fuel tanks as means of overfill prevention. The following documents were reviewed during this inspection; - 12 months of DO records - Current list of employees trained as of 02/08/2019 by DO; Aaron Celaya - The msost recent CERS submittal was conducted on 01/03/19 and this was reviewed during this inspection Notes: 1) Within 30 days provide copies of today’s testing report to our office

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-31-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: This Inspection is to confirm the condition on site and notify SANTA TERESA UNOCAL that a component of the Underground Storage Tank (UST) system is not in compliance with the UST Operating Permit Conditions.

SANTA TERESA UNOCAL (Continued) **S103986771**

I spoke by phone to Frank Naderzad, Manager, SANTA TERESA UNOCAL (CERSID: 10354561) at 6211 Santa Teresa Blvd, San Jose, regarding the 91 Octane STP sump lid and the support structure of that lid, which is failing. (3/31/2015). The 91 Octane Pump Sump Lid has a support structure that has been compromised. The steel plate at grade is no longer supported by the original steel collar structure. One side of the steel plate is supported by a 2 x 4 segment of wood that is resting on the top of the fiberglass sump collar. The structural integrity of this sump lid assembly is no longer being maintained as designed and approved. This is a violation of the UST System Operating Permit conditions. Submit a proposal for addressing this issue to this office within 30 [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE WITH ELMER MONTERA AN ICC CERTIFIED TECHNICIAN WITH BALCH PETROLEUM TO OVERSEE THE ANNUAL MONITORING CERTIFICATION. MR. MONTERA'S CERTIFICATIONS WERE VERIFIED ON SITE TO BE CURRENT. THE FOLLOWING COMPONENTS WERE TESTED AND VERIFIED TO BE OPERABLE: -LIQUID SENSORS IN THE ANNULAR SPACE-TRIGGERED AN AUDIBLE AND VISUAL ALARM WHEN A LEAK WAS SIMULATED -LIQUID SENSORS IN THE PIPING SUMP-TRIGGERED AN AUDIBLE, VISUAL ALARM AND SHUT DOWN THE PUMP WHEN A LEAK WAS SIMULATED -SPILL BUCKETS FOR 87, 91 AND WASTE OIL WERE HYDROSTATICALLY TESTED FOR 60 MINUTES WITHOUT LOSS OF WATER -FAIL SAFE WAS VERIFIED -MECHANICAL LINE LEAK DETECTORS FOR 87, 91 AND DIESEL WERE TESTED AT 3 GPH AT 10 PSI ***RECOMMEND REPLACING THE WASTE ANNULAR SENSOR. THE SENSOR SPLIT AT THE ENDS.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Gas station and minor auto repair operations. Observed gasoline, diesel and waste oil USTs; propane, and motor oil in HMBP quantites. New (~42 gallons) and waste antifreeze (30 gallon drum) also present. CERS submittal of 8/19/2013 is substansivley correct. Facility is considering moving the emergency gathering place to the sidewalk on Santa Teresa to be away from the USTs. Please update the map in the store and in CERS if the change is made.

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to witness the Secondary Containment testing, conducted by Service Technician Elmer Mortera from Balch Petroleum. All required

SANTA TERESA UNOCAL (Continued) **S103986771**

UST certifications were verified to be current. Piping sumps and UDCs (87, 91 & Diesel Fuel) were hydrostatically tested with water above the highest point of pressurized piping penetration, using a Caldwell accelerated tester for 30-minutes with no loss of liquid. Tank Annulars (87, 91, Diesel & Used Oil) were all tested at 7in of Hg of vacuum for 60 minutes with no loss of vacuum. Pressurized piping runs (STP to UDCs); all were pressurized with nitrogen to 3.5-psig for 60-minutes with no loss of pressure. Contact Ray Maiden at 408-918-1980 or by email at ray.maiden@deh.sccgov.org regarding this report. **ACTION ITEM** --Submit a copy of today's test report to the address above by August 28, 2015.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-22-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: While on-site to conduct a routine underground storage tank inspection, the above-listed violations were observed and a limited hazardous waste inspection was conducted. The scope of this hazardous waste inspection only encompasses the above-listed violations.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-25-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: sump lid collaps
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Site Address: 6211 SANTA TERESA BLVD
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 12-10-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Site Address: 6211 SANTA TERESA BLVD
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 01-22-2015
Enf Action Type: Notice of Violation (Unified Program)

SANTA TERESA UNOCAL (Continued) **S103986771**

Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Site Address: 6211 SANTA TERESA BLVD
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 12-10-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 701549
Site Name: 7-ELEVEN INC. #38459
Site Address: 6211 SANTA TERESA BLVD
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 03-31-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75221
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: TERESA MILES
Entity Title: SENIOR MANAGER, ENVIRONMENTAL COMPLIANCE WEST
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Property Owner Name
Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148

SANTA TERESA UNOCAL (Continued) **S103986771**

Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Environmental Contact
Entity Name:	SEAN AUGUSTINE
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75221
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711,
Affiliation Type Desc:	Operator
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 828-0711,
Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner

SANTA TERESA UNOCAL (Continued) **S103986771**

Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711,

Affiliation Type Desc: Parent Corporation
Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711,

Affiliation Type Desc: UST Tank Operator
Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711,

Name: TOSCO C/O IT CORPORATION
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 499476
CERS ID: 110021340208
CERS Description: US EPA Air Emission Inventory System (EIS)

NON-CASE INFO:
Name: 7-ELEVEN STORE NO. 38459
Address: 6211 SANTA TERESA BLVD.
City,State,Zip: SAN JOSE, CA 95119
Global ID: T10000020094
Case Type: Non-Case Information
Status: Informational Item / Review Complete
Status Date: 08/25/2022
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: JM

SANTA TERESA UNOCAL (Continued) **S103986771**

Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	Not reported
Loc Case Number:	2022-03f
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	11/19/2021
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	37.23663
Longitude:	-121.80361
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000020094
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Leak Reported Date:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)

G73 **SANTA TERESA UNION INC** **EDR Hist Auto** **1020363801**
SW **6211 SANTA TERESA** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 11 of 13 in cluster G**

Relative: EDR Hist Auto
Lower

Actual:
187 ft.

Year:	Name:	Type:
1971	SANTA TERESA UNION	Gasoline Service Stations
1977	SANTA TERESA UNION INC	Gasoline Service Stations
1978	SANTA TERESA UNION INC	Gasoline Service Stations
1979	SANTA TERESA UNION INC	Gasoline Service Stations
1980	SANTA TERESA UNION INC	Gasoline Service Stations
1982	SANTA TERESA UNION INC	Gasoline Service Stations
1983	SANTA TERESA UNION INC	Gasoline Service Stations
1985	SANTA TERESA UNION INC	Gasoline Service Stations
1986	SANTA TERESA UNION INC	Gasoline Service Stations
1987	SANTA TERESA UNION INC	Gasoline Service Stations
1988	SANTA TERESA UNION INC	Gasoline Service Stations
1989	SANTA TERESA UNION INC	Gasoline Service Stations
1990	SANTA TERESA UNION INC	Gasoline Service Stations
1991	SANTA TERESA UNION INC	Gasoline Service Stations
1992	SANTA TERESA UNION INC	Gasoline Service Stations
1993	ZADCO ENTERPRISE	Gasoline Service Stations
1994	ZADCO ENTERPRISE	Gasoline Service Stations

SANTA TERESA UNION INC (Continued) **1020363801**

1995	ZADCO ENTERPRISE	Gasoline Service Stations
2003	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2004	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2005	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2006	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2007	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2008	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2009	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2010	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2011	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2012	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2013	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations
2014	LOS GATOS UNOCAL 76 CO	Gasoline Service Stations

G74 **UNOCAL #5995** **UST FINDER RELEASE** **1029124108**
SW **6211 SANTA TERESA BLVD** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.045 mi.
240 ft. **Site 12 of 13 in cluster G**

Relative: **Lower**
Actual: **187 ft.**

UST FINDER RELEASE:

Object ID:	47810
Facility ID:	Not reported
Lust ID:	CAT0608590617
Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2488
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.8034
Y Coord:	37.2368900000001
Latitude:	37.23689
Longitude:	-121.803399999999

G75
SW
< 1/8
0.045 mi.
240 ft.

FORMER UNOCAL 351571
6211 SANTA TERESA BLVD
SAN JOSE, CA 95119

Site 13 of 13 in cluster G

RCRA-SQG **1025881713**
CAP000253823

Relative:
Lower

Actual:
187 ft.

RCRA Listings:

Date Form Received by Agency:	20150512
Handler Name:	Former Unocal 351571
Handler Address:	6211 SANTA TERESA BLVD
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAP000253823
Contact Name:	JOCKO RODRIGUEZ
Contact Address:	PO BOX 6004
Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	877-386-6044
Contact Fax:	866-849-4435
Contact Email:	NAWTDESK@CHEVRON.COM
Contact Title:	HES DATA ANALYST WASTE
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	Zadco Ent
Owner Type:	Private
Operator Name:	Jocko Rodriguez
Operator Type:	Private
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

FORMER UNOCAL 351571 (Continued) **1025881713**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150526
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	Corrosive Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ZADCO ENT	
Legal Status:	Private
Date Became Current:	20030214
Date Ended Current:	Not reported
Owner/Operator Address:	6211 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOCKO RODRIGUEZ	
Legal Status:	Private
Date Became Current:	20130214
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150512
Handler Name: FORMER UNOCAL 351571	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

FORMER UNOCAL 351571 (Continued) **1025881713**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 562910
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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76 **NITESH SHELAR** **RCRA NonGen / NLR** **1027465182**
SSE **6112 DEL CANTO DRIVE** **CAC003203919**
< 1/8 **SAN JOSE, CA 95119**
0.048 mi.
254 ft.

Relative:
Lower

Actual:
191 ft.

RCRA Listings:

Date Form Received by Agency:	20221111
Handler Name:	Nitesh Shelar
Handler Address:	6112 DEL CANTO DRIVE
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003203919
Contact Name:	NITESH SHELAR
Contact Address:	6112 DEL CANTO DRIVE
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-797-7156
Contact Fax:	Not reported
Contact Email:	NITESH.SHELAR@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6112 DEL CANTO DRIVE
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Nitesh Shelar
Owner Type:	Other
Operator Name:	Nitesh Shelar
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

NITESH SHELAR (Continued) **1027465182**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221114
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NITESH SHELAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6112 DEL CANTO DRIVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-797-7156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NITESH SHELAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6112 DEL CANTO DRIVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-797-7156
Owner/Operator Telephone Ext:	Not reported

NITESH SHELAR (Continued) **1027465182**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20221111
Handler Name: NITESH SHELAR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K77 **SANTA TERESA APARTMENTS** **RCRA NonGen / NLR** **1024766063**
SSE **6254 SANTA TERESA BLVD** **CAC002985932**
< 1/8 **SAN JOSE, CA 95119**
0.065 mi.
342 ft. **Site 1 of 7 in cluster K**

Relative:
Higher

Actual:
192 ft.

RCRA Listings:
Date Form Received by Agency: 20181022
Handler Name: Santa Teresa Apartments
Handler Address: 6254 SANTA TERESA BLVD
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC002985932
Contact Name: GIL DE LA CRUZ
Contact Address: 6254 SANTA TERESA BLVD
Contact City,State,Zip: SAN JOSE, CA 95119
Contact Telephone: 408-217-1889
Contact Fax: Not reported
Contact Email: SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported

SANTA TERESA APARTMENTS (Continued) **1024766063**

Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Gil De La Cruz
Owner Type:	Other
Operator Name:	Gil De La Cruz
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GIL DE LA CRUZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-217-1889

SANTA TERESA APARTMENTS (Continued) **1024766063**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GIL DE LA CRUZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-217-1889
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181022
Handler Name: SANTA TERESA APARTMENTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K78 **SANTA TERESA** **RCRA NonGen / NLR** **1025864965**
SSE **6254 SANTA TERESA BLVD** **CAC003045812**
< 1/8 **SAN JOSE, CA 95119**
0.065 mi.
342 ft. **Site 2 of 7 in cluster K**

Relative: Higher
Actual: 192 ft.

RCRA Listings:
Date Form Received by Agency: 20191204
Handler Name: Santa Teresa
Handler Address: 6254 SANTA TERESA BLVD
Handler City,State,Zip: SAN JOSE, CA 95119-1427
EPA ID: CAC003045812
Contact Name: SANTA TERESA
Contact Address: 6254 SANTA TERESA BLVD
Contact City,State,Zip: SAN JOSE, CA 95119-1427

SANTA TERESA (Continued) **1025864965**

Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	JGONZALEZ@RMC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119-1427
Owner Name:	Santa Teresa
Owner Type:	Other
Operator Name:	Santa Teresa
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191206
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

SANTA TERESA (Continued) **1025864965**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SANTA TERESA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1427
Owner/Operator Telephone: 408-385-5446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SANTA TERESA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1427
Owner/Operator Telephone: 408-385-5446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191204
Handler Name: SANTA TERESA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K79 **SANTA TERESA APARTMENTS** **RCRA NonGen / NLR** **1026161014**
SSE **6254 SANTA TERESA BLVD/ 3-B APT 203** **CAC003060994**
< 1/8 **SAN JOSE, CA 95119**
0.065 mi.
342 ft. **Site 3 of 7 in cluster K**

Relative: **Higher**

Actual: **192 ft.**

RCRA Listings:

Date Form Received by Agency:	20200323
Handler Name:	Santa Teresa Apartments
Handler Address:	6254 SANTA TERESA BLVD/ 3-B APT 203
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003060994
Contact Name:	MARIO MIER
Contact Address:	6254 SANTA TERESA BLVD/ 3-B APT 203
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	MMIER@GLOLDRICHKEST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD/ 3-B APT 203
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich & Kest C/O Santa Teresa
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

SANTA TERESA APARTMENTS (Continued) **1026161014**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200408
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD/ 3-B APT 203
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GOLDRICH & KEST C/O SANTA TERESA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 LAKESIDE BLVD STE 100
Owner/Operator City,State,Zip:	RICHARDSON, TX 75082
Owner/Operator Telephone:	197-282-0300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200323
Handler Name: SANTA TERESA APARTMENTS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SANTA TERESA APARTMENTS (Continued) **1026161014**

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K80 **GOLDRICH KEST** **RCRA NonGen / NLR** **1026714736**
SSE **6254 SANTA TERESA BLVD #210** **CAC003103118**
< 1/8 **SAN JOSE, CA 95119**
0.065 mi.
342 ft. **Site 4 of 7 in cluster K**

Relative: **Higher**
Actual: **192 ft.**

RCRA Listings:

Date Form Received by Agency:	20210128
Handler Name:	Goldrich Kest
Handler Address:	6254 SANTA TERESA BLVD #210
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003103118
Contact Name:	MARIO MIER
Contact Address:	6254 SANTA TERESA BLVD #210
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	MMIER@GOLDRICHKET.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD #210
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich Kest
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

GOLDRICH KEST (Continued) **1026714736**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GOLDRICH KEST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD #210
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD #210
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOLDRICH KEST (Continued) **1026714736**

Historic Generators:
Receive Date: 20210128
Handler Name: GOLDRICH KEST
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J81 **IA 062717 NATALIE K PROVENZANO DDS** **CUPA Listings** **S121474008**
South **6128 CAMINO VERDE A** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.067 mi.
356 ft. **Site 2 of 13 in cluster J**

Relative:
Lower

Actual:
190 ft.

CUPA SANTA CLARA:
Name: IA 062717 NATALIE K PROVENZANO DDS
Address: 6128 CAMINO VERDE A
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4082262542
UDF Email: DRPROVENZANO@GMAIL.COM
PE#: 2240
Program Description: GENERATES < 10 GAL/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.235988
Longitude: -121.800937
Record ID: PR0384024
Facility ID: FA0261792

J82 **APARNA MENRAI DDS** **CERS HAZ WASTE** **S121474371**
South **6128 CAMINO VERDE DR STE B** **CUPA Listings** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.067 mi.
356 ft. **Site 3 of 13 in cluster J**

Relative:
Lower

Actual:
190 ft.

CERS HAZ WASTE:
Name: APARNA MENRAI DDS
Address: 6128 CAMINO VERDE DR STE B
City,State,Zip: SAN JOSE, CA 95119
Site ID: 6145
CERS ID: 10354495
CERS Description: Hazardous Waste Generator

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous waste inspection with Aparna Menrai, DDS. The facility is a dental office that specializes in general and cosmetic dentistry, as well as limited orthodontic procedures. The following waste streams were observed during inspection: Sterilization and Disinfection: Prozyme ultrasonic tablets are dissolved in an ultrasonic bath for instrument cleaning. The facility's current practice is to use one tablet per ultrasonic bath and dispose of the solution daily. A review of the tablet's SDS indicates that it does not meet hazardous waste toxicity criteria when used in accordance with the manufacturer's instructions. A pH strip test indicated that the ultrasonic bath on-site during inspection has a neutral pH. Caviwipes are used for disinfecting patient rooms. Birex spray and towels is used to disinfect the laboratory, but not to the point of saturation. A steam autoclave is used to sterilization all instruments and equipment. No solution is [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Legal Owner
Entity Name: MENRAI, APARNA
Entity Title: Not reported
Affiliation Address: 6128 CAMINO VERDE DR STE B
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95119
Affiliation Phone: (408) 226-3870,

APARNA MENRAI DDS (Continued) **S121474371**

Affiliation Type Desc:	Parent Corporation
Entity Name:	APARNA MENRAI DDS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6128 CAMINO VERDE DR STE B
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

CUPA SANTA CLARA:

Name:	APARNA MENRAI DDS
Address:	6128 CAMINO VERDE DR STE B
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4082263870
UDF Email:	Not reported
PE#:	2240
Program Description:	GENERATES < 10 GAL/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.236137
Longitude:	-121.800604
Record ID:	PR0393361
Facility ID:	FA0266428

J83 **ANTHONY J ALLEGRETTI DDS** **CUPA Listings** **S121470058**
South **6128 CAMINO VERDE DR B** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.067 mi.
356 ft. **Site 4 of 13 in cluster J**

Relative: **Lower**

Actual: **190 ft.**

CUPA SANTA CLARA:

Name:	ANTHONY J ALLEGRETTI DDS
Address:	6128 CAMINO VERDE DR B
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4082263870
UDF Email:	Not reported
PE#:	2271
Program Description:	SILVER WASTE ONLY <100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235988
Longitude:	-121.800937
Record ID:	PR0316256
Facility ID:	FA0210316

J84 **NATALIE K. PROVENZANO, D.D.S INC** **RCRA NonGen / NLR** **1024828612**
South **6128 CAMINO VERDE DR STE A** **CAL000360526**
< 1/8 **SAN JOSE, CA 95119**
0.067 mi.
356 ft. **Site 5 of 13 in cluster J**

Relative: **Lower**

Actual: **190 ft.**

RCRA Listings:

Date Form Received by Agency:	20110125
Handler Name:	Natalie K. Provenzano, D.D.S Inc
Handler Address:	6128 CAMINO VERDE DR STE A
Handler City,State,Zip:	SAN JOSE, CA 95119-1432
EPA ID:	CAL000360526
Contact Name:	NATALIE PROVENZANO
Contact Address:	6020 HELLYER AVE.,
Contact City,State,Zip:	SAN JOSE, CA 95138
Contact Telephone:	408-226-2542
Contact Fax:	408-226-1948
Contact Email:	NAT.PROVENZANO@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6020 HELLYER AVE.,
Mailing City,State,Zip:	SAN JOSE, CA 95138
Owner Name:	Natalie K. Provenzano
Owner Type:	Other
Operator Name:	Natalie Provenzano
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

NATALIE K. PROVENZANO, D.D.S INC (Continued) **1024828612**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NATALIE PROVENZANO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6020 HELLYER AVE.,
Owner/Operator City,State,Zip:	SAN JOSE, CA 95138
Owner/Operator Telephone:	408-226-2542
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NATALIE K. PROVENZANO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6020 HELLYER AVE.,
Owner/Operator City,State,Zip:	SAN JOSE, CA 95138
Owner/Operator Telephone:	408-226-2542
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110125
Handler Name:	NATALIE K. PROVENZANO, D.D.S INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

NATALIE K. PROVENZANO, D.D.S INC (Continued) **1024828612**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

NAICS Code: 62121
NAICS Description: OFFICES OF DENTISTS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J85 **RICHARD J GIUFFRIDA DDS INC** **CUPA Listings** **S121470057**
South **6128 CAMINO VERDE DR A** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.067 mi.
356 ft. **Site 6 of 13 in cluster J**

Relative: CUPA SANTA CLARA:
Lower
Name: RICHARD J GIUFFRIDA DDS INC
Actual: Address: 6128 CAMINO VERDE DR A
190 ft. City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4082262592
UDF Email: Not reported
PE#: 2271
Program Description: SILVER WASTE ONLY <100 KG/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.235988
Longitude: -121.800937
Record ID: PR0316161
Facility ID: FA0210315

J86 **ANTHONY A ALLEGRETTI DDS** **HWTS** **S113081508**
South **6128 CAMINO VERDE DR** **HAZNET** **N/A**
< 1/8 **SAN JOSE, CA 95119** **HAZMAT**
0.067 mi.
356 ft. **Site 7 of 13 in cluster J**

Relative: HWTS:
Lower
Name: ANTHONY A ALLEGRETTI DDS
Actual: Address: 6128 CAMINO VERDE DR
190 ft. Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAL000148135
Inactive Date: 06/30/2001
Create Date: 05/26/1994
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 6128 CAMINO VERDE DR STE B
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951190000
Owner Name: ANTHONY A ALLEGRETTI

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Owner Address:	6128 CAMINO VERDE DR STE B
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN JOSE, CA
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ANTHONY ALLEGRETTI
Contact Address:	6128 CAMINO VERDE DR STE B
Contact Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.235842
Longitude:	-121.801106

NAICS:

EPA ID:	CAL000148135
Create Date:	2002-12-03 15:25:10.000
NAICS Code:	62121
NAICS Description:	Offices of Dentists
Issued EPA ID Date:	1994-05-26 00:00:00
Inactive Date:	2001-06-30 00:00:00
Facility Name:	ANTHONY A ALLEGRETTI DDS
Facility Address:	6128 CAMINO VERDE DR
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951191493

HAZNET:

Name:	ANTHONY A ALLEGRETTI DDS
Address:	6128 CAMINO VERDE DR
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951191493
Contact:	ANTHONY ALLEGRETTI
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	6128 CAMINO VERDE DR STE B
Year:	2003
Gepaid:	CAL000148135
TSD EPA ID:	CAL000175030
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	T01 - Treatment, Tank
Tons:	0.0068
Year:	2003
Gepaid:	CAL000148135
TSD EPA ID:	CAL000212588
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	0.00834

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Year:	2001
Gepaid:	CAL000148135
TSD EPA ID:	CAL000212588
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	0

Year:	2001
Gepaid:	CAL000148135
TSD EPA ID:	CAL000212588
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	T01 - Treatment, Tank
Tons:	0.0102

Year:	2001
Gepaid:	CAL000148135
TSD EPA ID:	CAL000212588
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0

Year:	2000
Gepaid:	CAL000148135
TSD EPA ID:	CAL000175030
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	0

Year:	2000
Gepaid:	CAL000148135
TSD EPA ID:	CAL000175030
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	T01 - Treatment, Tank
Tons:	0.0068

Year:	2000
Gepaid:	CAL000148135
TSD EPA ID:	CAL000175030
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0

Year:	1999
Gepaid:	CAL000148135
TSD EPA ID:	CAL000082530
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	-
Tons:	0.0068

Year:	1999
Gepaid:	CAL000148135
TSD EPA ID:	CAL000175030
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	0

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Click this hyperlink while viewing on your computer to access
12 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2003
Gen EPA ID:	CAL000148135
Shipment Date:	20031120
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031121
Manifest ID:	22971635
Trans EPA ID:	CAL000175030
Trans Name:	ECOSOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	IONIZATION RESEARCH/ECOSOLUTIONS
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030605
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030606
Manifest ID:	22353003
Trans EPA ID:	CAL000212588
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000212588
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000212588
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.00834
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Additional Info:

Year:	2001
Gen EPA ID:	CAL000148135
Shipment Date:	20011227
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020103
Manifest ID:	21227249
Trans EPA ID:	CAL000212588
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000212588
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000212588
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011227
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020103
Manifest ID:	21227249
Trans EPA ID:	CAL000212588
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000212588
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000212588
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011227
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020103
Manifest ID:	21227249
Trans EPA ID:	CAL000212588

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000212588
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000212588
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011227
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020103
Manifest ID:	21227249
Trans EPA ID:	CAL000212588
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000212588
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000212588
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000148135

Shipment Date:	20000619
Creation Date:	8/16/2000 0:00:00
Receipt Date:	20000706
Manifest ID:	20219658
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000619
Creation Date:	8/16/2000 0:00:00
Receipt Date:	20000706
Manifest ID:	20219658
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000619
Creation Date:	8/16/2000 0:00:00
Receipt Date:	20000706
Manifest ID:	20219658
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000619
Creation Date:	8/16/2000 0:00:00
Receipt Date:	20000706
Manifest ID:	20219658
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000148135
Shipment Date:	19991214
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991214
Manifest ID:	99756536
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Shipment Date:	19991214
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991214
Manifest ID:	99756536
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991214
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991214
Manifest ID:	99756536
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991214
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991214
Manifest ID:	99756536
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990524
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990524
Manifest ID:	98769008
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000148135

Shipment Date:	19981117
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981117
Manifest ID:	98460469
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0083
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981117
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981117
Manifest ID:	98460469
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0034
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980608
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980608
Manifest ID:	98335499
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Shipment Date:	19980608
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980608
Manifest ID:	98335499
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0125
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980608
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980608
Manifest ID:	98335499
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000148135

Shipment Date:	19971202
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971202
Manifest ID:	97300933
Trans EPA ID:	CAL000082530

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0125
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971202
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971202
Manifest ID:	97300933
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971202
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971202
Manifest ID:	97300933
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970520
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970520
Manifest ID:	96643350
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0125
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970520
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970520
Manifest ID:	96643350
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0136
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Shipment Date:	19970520
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970520
Manifest ID:	96643350
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000148135

Shipment Date:	19960528
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960528
Manifest ID:	96199681
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960528
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960528
Manifest ID:	96199681
Trans EPA ID:	CAL000082530

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0166
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAL000148135
Shipment Date:	19950522
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950522
Manifest ID:	95262344
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0125
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950522
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950522
Manifest ID:	95262344
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported

ANTHONY A ALLEGRETTI DDS (Continued) **S113081508**

TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950522
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950522
Manifest ID:	95262344
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0125
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SAN JOSE HAZMAT:

Name:	APARNA MENRAI DDS
Address:	6128 CAMINO VERDE DR B
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	484919
Class:	Auto Repair

L87 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S112345993**
NW **274 INTERNATIONAL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.070 mi.
368 ft. **Site 1 of 3 in cluster L**

Relative: CUPA SANTA CLARA:
Lower

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	274 INTERNATIONAL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA

Actual:
191 ft.

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S112345993**

Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: Not reported
Latitude: 37.240555
Longitude: -121.801817
Record ID: PR0444216
Facility ID: FA0269763

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 274 INTERNATIONAL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP02
Program Description: HMBP FACILITY, 4-6 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.240555
Longitude: -121.801817
Record ID: PR0401467
Facility ID: FA0269763

L88 **KAISER PERMANANTE (SURGERY CTR)** **HAZMAT** **S105419770**
NW **274 INTERNATIONAL CL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.070 mi.
368 ft. **Site 2 of 3 in cluster L**

Relative: **Lower**
Actual: **191 ft.**

SAN JOSE HAZMAT:
Name: KAISER PERMANANTE (SURGERY CTR)
Address: 274 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 407689
Class: Chemical Warehouse

L89 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATO** **CERS HAZ WASTE** **S121778278**
NW **274 INTERNATIONAL** **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.070 mi.
368 ft. **Site 3 of 3 in cluster L**

Relative: **Lower**
Actual: **191 ft.**

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY UNIT
Address: 274 INTERNATIONAL
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41042
CERS ID: 10351027
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY UNIT
Address: 274 INTERNATIONAL
City,State,Zip: SAN JOSE, CA 95119

KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY (Continued) **S121778278**

Site ID: 41042
CERS ID: 10351027
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Oxygen Nitrous Oxide Diesel Nitrogen
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. SURGERY CENTER; CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7000,

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY (Continued) **S121778278**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: KAISER FOUNDATION HOSPITALS
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 987-1000,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 255 International Circle
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: 255 International Circle , Attn Safety
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 1950 Franklin St

KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY (Continued) **S121778278**

Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

M90 **RITE AID #5983** **RCRA-SQG** **1023674998**
SSW **6215 SANTA TERESA BLVD** **CAR000146282**
< 1/8 **SAN JOSE, CA 95119**
0.074 mi.
392 ft. **Site 1 of 3 in cluster M**

Relative: **Lower**
Actual: **188 ft.**

RCRA Listings:

Date Form Received by Agency:	20230109
Handler Name:	Rite Aid #5983
Handler Address:	SANTA TERESA BLVD
Handler City,State,Zip:	SAN JOSE, CA 95119-0000
EPA ID:	CAR000146282
Contact Name:	JOSEPH A CHEST
Contact Address:	PO BOX 3165
Contact City,State,Zip:	HARRISBURG, PA 17105
Contact Telephone:	717-975-8643
Contact Fax:	717-972-3989
Contact Email:	EHS@RITEAID.COM
Contact Title:	MANAGER, ENVIORNMENTAL HEALTH SERVICES
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 3165
Mailing City,State,Zip:	HARRISBURG, PA 17105
Owner Name:	Zfp Company, Llc
Owner Type:	Private
Operator Name:	Thrifty Payless Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

RITE AID #5983 (Continued) **1023674998**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230112
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D024
Waste Description:	M-Cresol

RITE AID #5983 (Continued) **1023674998**

Waste Code: D026
Waste Description: Cresol

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U188
Waste Description: Phenol

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 19970425
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ZFP COMPANY, LLC
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFT DRUG INC
Legal Status: Private
Date Became Current: 19970425
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported

RITE AID #5983 (Continued) **1023674998**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ZFP COMPANY, LLC
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ZFP COMPANY, LLC
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ZAN-PAV
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ZFP COMPANY, LLC
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RITE AID CORPORATION
Legal Status: Private
Date Became Current: 20030615
Date Ended Current: Not reported

RITE AID #5983 (Continued) **1023674998**

Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ZAN PAV
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 19970425
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 19970425
Date Ended Current: Not reported
Owner/Operator Address: 30 HUNTER LANE
Owner/Operator City,State,Zip: CAMP HILL, PA 17011
Owner/Operator Telephone: 717-761-2633
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ZFP COMPANY, LLC
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip: SUNNYVALE, CA 94087
Owner/Operator Telephone: 408-738-1777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC

RITE AID #5983 (Continued) **1023674998**

Legal Status:	Private
Date Became Current:	19970425
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	EHS@RITEAID.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: ZAN PAV	
Legal Status:	Private
Date Became Current:	19720101
Date Ended Current:	Not reported
Owner/Operator Address:	570 E EL CAMINO REAL STE B
Owner/Operator City,State,Zip:	SUNNYVALE, CA 94087
Owner/Operator Telephone:	408-738-1777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: THRIFTY PAYLESS INC	
Legal Status:	Private
Date Became Current:	19970425
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	EHS@RITEAID.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: RITE AID	
Legal Status:	Private
Date Became Current:	20030707
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: THRIFTY PAYLESS INC	
Legal Status:	Private
Date Became Current:	19970425
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3165
Owner/Operator City,State,Zip:	HARRISBURG, PA 17105
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	EHS@RITEAID.COM

RITE AID #5983 (Continued) **1023674998**

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 19970425
Date Ended Current: Not reported
Owner/Operator Address: 30 HUNTER LANE
Owner/Operator City,State,Zip: CAMP HILL, PA 17011
Owner/Operator Telephone: 717-761-2633
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Historic Generators:

Receive Date: 20170414
Handler Name: RITE AID #5983
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180223
Handler Name: RITE AID #5983
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220209
Handler Name: RITE AID #5983
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20030715
Handler Name: RITE AID # 5983
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

RITE AID #5983 (Continued) **1023674998**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150420
Handler Name: RITE AID NO 5983	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20151102
Handler Name: RITE AID NO 5983	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20190429
Handler Name: RITE AID #5983	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20220329
Handler Name: RITE AID #5983	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

RITE AID #5983 (Continued) **1023674998**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20230109
Handler Name: RITE AID #5983
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 812922
NAICS Description: ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M91 **RITE AID #5983** **CERS HAZ WASTE** **S105990276**
SSW **6215 SANTA TERESA BL** **CUPA Listings** **N/A**
< 1/8 **SAN JOSE, CA 95123** **HAZMAT**
0.074 mi. **CERS**
392 ft. **Site 2 of 3 in cluster M**

Relative:
Lower

Actual:
188 ft.

CERS HAZ WASTE:
Name: RITE AID #5983
Address: 6215 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Site ID: 61976
CERS ID: 10097467
CERS Description: Hazardous Waste Generator

CUPA SANTA CLARA:
Name: RITE AID #5983
Address: 6215 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95123
Region: SANTA CLARA
Telephone: 4082643410
UDF Email: ehs@riteaid.com
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR

RITE AID #5983 (Continued) **S105990276**

Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.23698
Longitude: -121.803869
Record ID: PR0377561
Facility ID: FA0257953

Name: RITE AID #5983
Address: 6215 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95123
Region: SANTA CLARA
Telephone: 4082643410
UDF Email: ehs@riteaid.com
PE#: 2501
Program Description: HAZARDOUS MATERIALS BUSINESS PLAN
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.23698
Longitude: -121.803869
Record ID: PR0396983
Facility ID: FA0257953

SAN JOSE HAZMAT:
Name: RITE AID #5983
Address: 6215 SANTA TERESA BL A
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409914
Class: Auto Wrecking/Misc Simple Facility

CERS:
Name: RITE AID #5983
Address: 6215 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Site ID: 61976
CERS ID: 10097467
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 61976
Site Name: RITE AID #5983
Violation Date: 12-21-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: With exception of the facility s pharmaceutical hazardous waste container, the hazardous waste container labels do not accurately identify the physical state of the wastes stored in the container as all labels are marked as both solid and liquid. The following containers were observed to not be labeled with the physical state of the hazardous waste they stored at the time of inspection: - 1 x "oxidizer wastes" - 1 x "corrosive bases" - 4 x "toxics/poisons" - 1 x "flammable wastes"
Violation Division: Santa Clara County Environmental Health
Violation Program: HW

RITE AID #5983 (Continued) **S105990276**

Violation Source:	CERS,
Site ID:	61976
Site Name:	RITE AID #5983
Violation Date:	12-21-2016
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	The facility has emergency response information posted next to a telephone in the office and an evacuation map near the entrance/exit, but neither posting contains the location of emergency response equipment.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	61976
Site Name:	RITE AID #5983
Violation Date:	12-21-2016
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to keep records of any test results, waste analyses, or other determinations made in accordance with section 66262.11 for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.
Violation Notes:	Pharmaceuticals meeting RCRA hazardous waste criteria if they were to become a waste, including but not limited to the following, were observed in the prescription pharmacy: - Neomycin and Polymyxin B Sulfates and Hydrocortisone Otic Suspension USP (0.01% Thimerosal) D009 waste code - Humulog, Lantus, and Novolog insulins containing m-cresols in concentrations at or above 200mg/L D024 waste code - Mylan Manufactured, Epipen and Epipen Jr. injectors (per SDS, Epinephrine CAS # 51-43-4 as the sole active ingredient P042 waste code Additionally, while all vaccines on-site at the time of inspection were observed to be preservative-free (Thimerosal), the pharmacy staff confirmed that the types of vaccines change and some types dispensed on-site may contain preservatives. The facility s Hazardous Waste Management Plan re-iterates that some types of vaccines dispensed on-site contain preservations such as Thimerosal. The pharmacy staff stated that they have never [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	61976
Site Name:	RITE AID #5983
Violation Date:	12-21-2016
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to this chapter.
Violation Notes:	The facility sells smoking cessation products with nicotine as the

RITE AID #5983 (Continued) **S105990276**

sole-active ingredient (P075 wastes) both over the counter and at the pharmacy. The pharmacy s hazardous waste management plan states The RF gun will message the D&O return [reverse distribution] of most damaged and outdated smoking cessation products containing nicotine to the reclamation center for recycling instead of handling them as hazardous waste. Any open packages should be securely taped up and processed as DAMAGED , so that any remaining products can be recycled. Damaged and outdated gum, lozenges, and patches containing nicotine will go to the returns center for recycling rather than treating them as hazardous waste. Exception: Maine and Vermont must treat all nicotine products as hazardous waste. Please note that the scan gun will continue to direct stores to put damaged and outdated smoking cessation products in the D&O box for recycling until the system can be reprogrammed, which [Truncated]

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 61976
Site Name: RITE AID #5983
Violation Date: 12-21-2016
Citation: 22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description: Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes: 1) A waste stream identified only as "non-RCRA hazardous waste, liquid" and with waste code 311 is observed on the facility's manifests (e.g. Manifest #008630329FLE, Ship Date 11/30/2015). Pursuant to 22CCR 66262.23(a)(5 (A), non-RCRA hazardous wastes which do not have a U.S. DOT description should be identified as Non-RCRA Hazardous Waste, Solid or non-RCRA Hazardous Waste, Liquid as well as with a generic name of the waste obtained from Appendix X of Ch. 11, Div. 4.5, Title 22, California Code of Regulations and, if not listed in Appendix X, the commonly recognized industrial name of the waste shall be used. 2) Propane is being identified on the facility s manifests (e.g. #010057661FLE, Ship Date: 11/17/2016) by its DOT hazardous material description, but the word waste is not preceding the proper shipping name. Pursuant to 49CFR 172.101(c)(9) If the word waste is not included in the hazardous material description in Column 2 of the Table, the proper shipping [Truncated]
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-21-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous waste inspection with HMCD Hazardous Materials Specialist, Robin Ward. The facility is a retail store and prescription pharmacy that sells a variety of consumer products, over-the-counter medications and health care products, make-ups, cleaning products, and operates a prescription pharmacy. Retail Area: The facility's practice is to immediately notify the "pricing person" employee or management when any damaged, broken, spilled, or otherwise unsaleable products and opened returns are identified. The scanner prompts the employee with a sequence of

RITE AID #5983 (Continued) **S105990276**

questions regarding the item s condition and then instructs the employee to process the item accordingly. With exception of the items discussed in the above-listed violations, damaged and leaking products are determined to be wastes. If the waste item meets hazardous waste criteria, the scanner instructs the employee to a specific color of tote container for hazardous waste Each color [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Jordan Anderson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Joseph A. Chest
Entity Title: Not reported
Affiliation Address: P.O. Box 3165
Affiliation City: Harrisburg
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 17105
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Zan-Pav
Entity Title: Not reported
Affiliation Address: 596 E. El Camino Real, Suite B
Affiliation City: Sunnyvale
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94087
Affiliation Phone: (408) 738-1777,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 3165, Attn: EHS
Affiliation City: Harrisburg
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 17105
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Rite Aid #5983
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

RITE AID #5983 (Continued) **S105990276**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 227-2816,

Affiliation Type Desc: Parent Corporation
Entity Name: RITE AID CORPORATION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Identification Signer
Entity Name: Joseph A. Chest
Entity Title: Manager, EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Thrifty Payless, Inc
Entity Title: Not reported
Affiliation Address: P.O. Box 3165
Affiliation City: Harrisburg
Affiliation State: PA
Affiliation Country: United States
Affiliation Zip: 17105
Affiliation Phone: (717) 761-2633,

J92 **JAMES OTT DDS** **HWTS** **S113059342**
South **6134 CAMINO VERDE DR** **HAZNET** **N/A**
< 1/8 **SAN JOSE, CA 95119** **HAZMAT**
0.085 mi.
450 ft. **Site 8 of 13 in cluster J**

Relative: HWTS:
Lower
Name: JAMES OTT DDS
Actual: Address: 6134 CAMINO VERDE DR
190 ft. Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAL000098519
Inactive Date: 06/30/2003

JAMES OTT DDS (Continued) **S113059342**

Create Date:	04/20/1993
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6134 CAMINO VERDE DR STE E
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 951191404
Owner Name:	JAMES OTT DDS-OWNER
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JAMES OTT
Contact Address:	6134 CAMINO VERDE DR
Contact Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951190000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.235633
Longitude:	-121.801106

NAICS:

EPA ID:	CAL000098519
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	62121
NAICS Description:	Offices of Dentists
Issued EPA ID Date:	1993-04-20 00:00:00
Inactive Date:	2003-06-30 00:00:00
Facility Name:	JAMES OTT DDS
Facility Address:	6134 CAMINO VERDE DR
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951190000

HAZNET:

Name:	JAMES OTT DDS
Address:	6134 CAMINO VERDE DR
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951190000
Contact:	JAMES OTT
Telephone:	4082274010
Mailing Name:	Not reported
Mailing Address:	6134 CAMINO VERDE DR STE E
Year:	1999
Gepaid:	CAL000098519
TSD EPA ID:	CAL000082530
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	T01 - Treatment, Tank
Tons:	0.0102

JAMES OTT DDS (Continued) **S113059342**

Year: 1999
Gepaid: CAL000098519
TSD EPA ID: CAL000082530
CA Waste Code: -
Disposal Method: T01 - Treatment, Tank
Tons: 0

Year: 1999
Gepaid: CAL000098519
TSD EPA ID: CAL000175030
CA Waste Code: -
Disposal Method: T01 - Treatment, Tank
Tons: 0

Year: 1999
Gepaid: CAL000098519
TSD EPA ID: CAL000175030
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1999
Gepaid: CAL000098519
TSD EPA ID: CAL000175030
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: T01 - Treatment, Tank
Tons: 0.017

Year: 1998
Gepaid: CAL000098519
TSD EPA ID: CAL000082530
CA Waste Code: -
Disposal Method: T01 - Treatment, Tank
Tons: 0

Year: 1998
Gepaid: CAL000098519
TSD EPA ID: CAL000082530
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: T01 - Treatment, Tank
Tons: 0.0204

Year: 1998
Gepaid: CAL000098519
TSD EPA ID: CAL000082530
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: T01 - Treatment, Tank
Tons: 0.0125

Year: 1997
Gepaid: CAL000098519
TSD EPA ID: CAL000082530
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: T01 - Treatment, Tank
Tons: 0.0583

Year: 1997

JAMES OTT DDS (Continued) **S113059342**

Gepaid:	CAL000098519
TSD EPA ID:	CAL000082530
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	0

Click this hyperlink while viewing on your computer to access
8 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1999
Gen EPA ID:	CAL000098519
Shipment Date:	19991117
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991209
Manifest ID:	99756496
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991117
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991209
Manifest ID:	99756496
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported

JAMES OTT DDS (Continued) **S113059342**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991117
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991209
Manifest ID:	99756496
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991117
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991209
Manifest ID:	99756496
Trans EPA ID:	CAL000175030
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000175030
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000175030
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990405
Creation Date:	5/27/1999 0:00:00
Receipt Date:	19990405
Manifest ID:	98786359

JAMES OTT DDS (Continued) **S113059342**

Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990405
Creation Date:	5/27/1999 0:00:00
Receipt Date:	19990405
Manifest ID:	98786359
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990405
Creation Date:	5/27/1999 0:00:00
Receipt Date:	19990405
Manifest ID:	98786359
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported

JAMES OTT DDS (Continued) **S113059342**

RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000098519
Shipment Date:	19980924
Creation Date:	11/5/1998 0:00:00
Receipt Date:	19980924
Manifest ID:	98576136
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980924
Creation Date:	11/5/1998 0:00:00
Receipt Date:	19980924
Manifest ID:	98576136
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G

JAMES OTT DDS (Continued) **S113059342**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980924
Creation Date:	11/5/1998 0:00:00
Receipt Date:	19980924
Manifest ID:	98576136
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980323
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980323
Manifest ID:	97269156
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0125
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980323
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980323

JAMES OTT DDS (Continued) **S113059342**

Manifest ID:	97269156
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980323
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980323
Manifest ID:	97269156
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0034
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000098519

Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970923
Manifest ID:	96682215
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

JAMES OTT DDS (Continued) **S113059342**

TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970923
Manifest ID:	96682215
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.025
Waste Quantity:	6
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970923
Manifest ID:	96682215
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0034
Waste Quantity:	1

JAMES OTT DDS (Continued) **S113059342**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970320
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970320
Manifest ID:	96733705
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0136
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970320
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970320
Manifest ID:	96733705
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970320
Creation Date:	6/26/1997 0:00:00

JAMES OTT DDS (Continued) **S113059342**

Receipt Date:	19970320
Manifest ID:	96733705
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000098519
Shipment Date:	19960930
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96421325
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960930
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96421325
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

JAMES OTT DDS (Continued) **S113059342**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0051
Waste Quantity:	1.5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960930
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96421325
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0017
Waste Quantity:	0.5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960319
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960319
Manifest ID:	95894308
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0208

JAMES OTT DDS (Continued) **S113059342**

Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960319
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960319
Manifest ID:	95894308
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960319
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960319
Manifest ID:	95894308
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

JAMES OTT DDS (Continued) **S113059342**

Additional Info:

Year:	1995
Gen EPA ID:	CAL000098519
Shipment Date:	19950518
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950518
Manifest ID:	95262333
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0104
Waste Quantity:	2.5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950518
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950518
Manifest ID:	95262333
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950518
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950518
Manifest ID:	95262333
Trans EPA ID:	CAL000082530

JAMES OTT DDS (Continued) **S113059342**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000082530
Trans Name:	Not reported
TSDF Alt EPA ID:	CAL000082530
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0104
Waste Quantity:	2.5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000098519
Shipment Date:	19940516
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93004080
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0099
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940516
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93004080
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported

JAMES OTT DDS (Continued) **S113059342**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0166
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940516
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93004080
Trans EPA ID:	CAL000082530
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0166
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SAN JOSE HAZMAT:

Name:	SANTA TERESA FAMILY DENTAL
Address:	6134 CAMINO VERDE DR F
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	411239
Class:	Auto Repair

J93 **DARREL L KAUFFMAN MD** **CUPA Listings** **S121470062**
South **6134 CAMINO VERDE DR H** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.085 mi.
450 ft. **Site 9 of 13 in cluster J**

Relative: CUPA SANTA CLARA:
Lower

Name:	DARREL L KAUFFMAN MD
Address:	6134 CAMINO VERDE DR H
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA

Actual:
190 ft.

DARREL L KAUFFMAN MD (Continued) **S121470062**

Telephone:	4082241267
UDF Email:	Not reported
PE#:	2271
Program Description:	SILVER WASTE ONLY <100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235819
Longitude:	-121.800933
Record ID:	PR0316257
Facility ID:	FA0210327

J94 **JASWINDER GHUMAN DDS** **CUPA Listings** **S121470059**
South **6134 CAMINO VERDE DR STE E** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.085 mi.
450 ft. **Site 10 of 13 in cluster J**

Relative: CUPA SANTA CLARA:
Lower

Name:	JASWINDER GHUMAN DDS
Address:	6134 CAMINO VERDE DR STE E
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4082274010
UDF Email:	Not reported
PE#:	2271
Program Description:	SILVER WASTE ONLY <100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235819
Longitude:	-121.800933
Record ID:	PR0316337
Facility ID:	FA0210324

Actual:
190 ft.

J95 **DR HO & DR LEE & ASSOCIATES** **CUPA Listings** **S121470060**
South **6134 CAMINO VERDE DR F** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.085 mi.
450 ft. **Site 11 of 13 in cluster J**

Relative: CUPA SANTA CLARA:
Lower

Name:	DR HO & DR LEE & ASSOCIATES
Address:	6134 CAMINO VERDE DR F
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4082265710
UDF Email:	Not reported
PE#:	2252
Program Description:	OBSOLETE SELF-AUDIT GEN <100 KG/YR
Program Identifier:	DEANE G SATOW DDS-HW
Latitude:	37.235819
Longitude:	-121.800933
Record ID:	PR0316258
Facility ID:	FA0210325

Actual:
190 ft.

J96 **MALLORY A STECHISIN DDS** **CUPA Listings** **S121470061**
South **6134 CAMINO VERDE DR G** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.085 mi.
450 ft. **Site 12 of 13 in cluster J**

Relative: **Lower**
Actual: **190 ft.**

CUPA SANTA CLARA:

Name:	MALLORY A STECHISIN DDS
Address:	6134 CAMINO VERDE DR G
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089721000
UDF Email:	Not reported
PE#:	2202
Program Description:	GENERATES USED OIL ONLY OR <100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235819
Longitude:	-121.800933
Record ID:	PR0315798
Facility ID:	FA0210326

J97 **SANTA TERESA FAMILY DENTAL** **CUPA Listings** **S121473674**
South **6134 CAMINO VERDE DR STE F** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.085 mi.
450 ft. **Site 13 of 13 in cluster J**

Relative: **Lower**
Actual: **190 ft.**

CUPA SANTA CLARA:

Name:	SANTA TERESA FAMILY DENTAL
Address:	6134 CAMINO VERDE DR STE F
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4082265710
UDF Email:	PKUMARD120@GMAIL.COM
PE#:	2240
Program Description:	GENERATES < 10 GAL/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235819
Longitude:	-121.800933
Record ID:	PR0381519
Facility ID:	FA0259926

K98 **JOHN SAGLIK** **RCRA NonGen / NLR** **1027090460**
SSE **6108 DEL ROBLES COURT** **CAC003162972**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
458 ft. **Site 5 of 7 in cluster K**

Relative: **Higher**
Actual: **192 ft.**

RCRA Listings:

Date Form Received by Agency:	20220222
Handler Name:	John Saglik
Handler Address:	6108 DEL ROBLES COURT
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003162972
Contact Name:	JOHN SAGLIK
Contact Address:	6108 DEL ROBLES COURT
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-355-5172

JOHN SAGLIK (Continued) **1027090460**

Contact Fax:	Not reported
Contact Email:	JOHN.SAGLIK@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6108 DEL ROBLES COURT
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	John Saglik
Owner Type:	Other
Operator Name:	John Saglik
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220223
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

JOHN SAGLIK (Continued) **1027090460**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN SAGLIK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6108 DEL ROBLES COURT
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-355-5172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHN SAGLIK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6108 DEL ROBLES COURT
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-355-5172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220222
Handler Name: JOHN SAGLIK
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N99 **PLAZA DE SANTA TERESA** **RCRA-SQG** **1025879693**
SSW **6133 CAMINO VERDE DR** **CAP000110361**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
458 ft. **Site 1 of 9 in cluster N**

Relative: **Lower**
Actual: **190 ft.**

RCRA Listings:

Date Form Received by Agency:	20011213
Handler Name:	Plaza De Santa Teresa
Handler Address:	6133 CAMINO VERDE DR
Handler City,State,Zip:	SAN JOSE, CA 95119-1402
EPA ID:	CAP000110361
Contact Name:	DAVID LAM
Contact Address:	6133 CAMINO VERDE DR
Contact City,State,Zip:	SAN JOSE, CA 95119-1402
Contact Telephone:	800-327-3019
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1150 SANTA MONICA BLVD STE 760
Mailing City,State,Zip:	LOS ANGELES, CA 90025
Owner Name:	Plaza De Santa Teresa Inv Co
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PLAZA DE SANTA TERESA (Continued) **1025879693**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021022
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	F001
Waste Description:	The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F005
Waste Description:	The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLAZA DE SANTA TERESA INV CO
Legal Status:	Private

PLAZA DE SANTA TERESA (Continued) **1025879693**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1150 SANTA MONICA BLVD STE 760
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90025
Owner/Operator Telephone:	800-327-3019
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20011213
Handler Name: PLAZA DE SANTA TERESA	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N100 **J&J CLEANERS** **RCRA NonGen / NLR** **1025836311**
SSW **6133 CAMINO VERDE DR.** **CAC003015899**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
458 ft. **Site 2 of 9 in cluster N**

Relative: **Lower**
Actual: **190 ft.**

RCRA Listings:

Date Form Received by Agency:	20190520
Handler Name:	J&J Cleaners
Handler Address:	6133 CAMINO VERDE DR.
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003015899
Contact Name:	DIPAK PADIA
Contact Address:	6133 CAMINO VERDE DR.
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-227-5820
Contact Fax:	Not reported
Contact Email:	SHIRLEYTAN@TECHNICHEM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

J&J CLEANERS (Continued) **1025836311**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6133 CAMINO VERDE DR.
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Dipak And Swati Padia
Owner Type:	Other
Operator Name:	Dipak Padia
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DIPAK AND SWATI PADIA	
Legal Status:	Other

J&J CLEANERS (Continued) **1025836311**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6133 CAMINO VERDE DR.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-227-5820
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DIPAK PADIA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6133 CAMINO VERDE DR.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-227-5820
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190520
Handler Name: J&J CLEANERS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N101 **J&J CLEANERS** **RCRA NonGen / NLR** **1025873520**
SSW **6133 CAMINO VERDE DR** **CAL000446646**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
458 ft. **Site 3 of 9 in cluster N**

Relative: **Lower**
Actual: **190 ft.**

RCRA Listings:

Date Form Received by Agency:	20190613
Handler Name:	J&J Cleaners
Handler Address:	6133 CAMINO VERDE DR
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000446646
Contact Name:	DIPAK PADIA
Contact Address:	6133 CAMINO VERDE DR
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-227-5820
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6133 CAMINO VERDE DR
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Dipak And Swati Padia
Owner Type:	Other
Operator Name:	Dipak Padia
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

J&J CLEANERS (Continued) **1025873520**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DIPAK AND SWATI PADIA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6133 CAMINO VERDE DR
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-227-5820
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DIPAK PADIA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6133 CAMINO VERDE DR
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-227-5820
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190613
Handler Name: J&J CLEANERS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

J&J CLEANERS (Continued) **1025873520**

List of NAICS Codes and Descriptions:
NAICS Code: 812320
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N102 **TEDDY BEAR WASH DRY** **EDR Hist Cleaner** **1009135199**
SSW **6135 CAMINO VERDE DR** **N/A**
< 1/8 **SAN JOSE, CA**
0.087 mi.
458 ft. **Site 4 of 9 in cluster N**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
190 ft. 1975 TEDDY BEAR WASH DRY LAUNDRIES-SELF SERVE

N103 **BONA'S CLEANERS** **DRYCLEANERS** **S113171036**
SSW **6133 CAMINO VERDE DR** **HWTS** **N/A**
< 1/8 **SAN JOSE, CA 95119** **HAZNET**
0.087 mi. **CERS**
458 ft. **Site 5 of 9 in cluster N**

Relative: DRYCLEANERS:
Lower

Actual:
190 ft.

Name:	J&J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
EPA Id:	CAL000446646
NAICS Code:	812320
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/13/2019
Facility Active:	No
Inactive Date:	06/30/2020
Facility Addr2:	Not reported
Owner Name:	DIPAK AND SWATI PADIA
Owner Address:	6133 CAMINO VERDE DR
Owner Address 2:	Not reported
Owner Telephone:	4082275820
Contact Name:	DIPAK PADIA
Contact Address:	6133 CAMINO VERDE DR
Contact Address 2:	Not reported
Contact Telephone:	4082275820
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	6133 CAMINO VERDE DR
Mailing Address 2:	Not reported
Mailing City:	SAN JOSE
Mailing State:	CA

BONA'S CLEANERS (Continued) **S113171036**

Mailing Zip: 95119
Owner Fax: Not reported
Region Code: 2
Latitude: 0
Longitude: 0

HWTS:
Name: PLAZA DE SANTA TERESA
Address: 6133 CAMINO VERDE DR
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAP000110361
Inactive Date: 09/05/2003
Create Date: 03/04/2003
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 6133 CAMINO VERDE DR
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951191402
Owner Name: PLAZA DE SANTA TERESA INV CO
Owner Address: 1150 SANTA MONICA BLVD STE 760
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 90025
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: DAVID LAM
Contact Address: 6133 CAMINO VERDE DR
Contact Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191402
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: FEDERAL
Latitude: 37.235659
Longitude: -121.801106

HAZNET:
Name: PLAZA DE SANTA TERESA
Address: 6133 CAMINO VERDE DR
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191402
Contact: David Lam
Telephone: 8003273019
Mailing Name: Not reported
Mailing Address: 6133 Camino Verde Dr

Year: 2002
Gepaid: CAP000110361
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: D99 - Disposal, Other
Tons: 0.144

BONA'S CLEANERS (Continued) **S113171036**

Additional Info:

Year:	2002
Gen EPA ID:	CAP000110361
Shipment Date:	20020211
Creation Date:	7/2/2002 18:32:18
Receipt Date:	20020211
Manifest ID:	99178340
Trans EPA ID:	CAD983653627
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	455190
CERS ID:	110010464210
CERS Description:	US EPA Air Emission Inventory System (EIS)

N104 **BONAS CLEANERS** **EDR Hist Cleaner** **1018931976**
SSW **6133 CAMINO VERDE DR** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
458 ft. **Site 6 of 9 in cluster N**

Relative: EDR Hist Cleaner
Lower

Actual: **190 ft.**

Year:	Name:	Type:
1978	JAQUES JAMES & GLORIA	Drycleaning Plants, Except Rugs
1979	JAQUES JAMES & GLORIA	Drycleaning Plants, Except Rugs
1980	JAQUES JAMES & GLORIA	Drycleaning Plants, Except Rugs
1982	JAQUES JAMES & GLORIA	Drycleaning Plants, Except Rugs
1983	JAQUES JAMES & GLORIA	Drycleaning Plants, Except Rugs
1985	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1986	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1987	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1988	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1989	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1990	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1991	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs

BONAS CLEANERS (Continued) **1018931976**

1992	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1993	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1994	ONE HOUR MARTINIZING	Drycleaning Plants, Except Rugs
1995	BONAS CLEANERS	Drycleaning Plants, Except Rugs
1996	BONAS CLEANERS	Drycleaning Plants, Except Rugs
1997	BONAS CLEANERS	Drycleaning Plants, Except Rugs
1998	BONAS CLEANERS	Drycleaning Plants, Except Rugs
1999	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2000	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2001	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2002	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2003	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2004	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2005	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2006	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2007	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2008	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2009	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2010	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2011	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2012	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2013	BONAS CLEANERS	Drycleaning Plants, Except Rugs
2014	BONAS CLEANERS	Drycleaning Plants, Except Rugs

N105 **PLAZA DE SANTA TERESA** **CPS-SLIC** **1004441166**
SSW **6133 CAMINO VERDE DR** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN JOSE, CA 95119** **FINDS**
0.087 mi. **CUPA Listings**
458 ft. **Site 7 of 9 in cluster N** **DRYCLEANERS**
EMI
Relative: **HWTS**
Lower **HAZMAT**
Actual: **CERS**
190 ft.

CPS-SLIC:

Name:	FORMER ONE HOUR MARTINIZING / CVA
Address:	6133 CAMINO VERDE DRIVE
City,State,Zip:	SAN JOSE, CA 95119
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/25/2016
Global Id:	T10000007121
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.23623
Longitude:	-121.80131
Case Type:	Cleanup Program Site
Case Worker:	RWP
Local Agency:	Not reported
RB Case Number:	43S1159
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	1

PLAZA DE SANTA TERESA (Continued) **1004441166**

Begin Date:	01/01/1971
Leak Reported Date:	01/01/1995
How Discovered:	Other Means
How Discovered Description:	Unknown
Discharge Source:	Other
Discharge Cause:	Spill
Stop Method:	Change Operating Procedures
Stop Description:	Operator stopped using PCE
No Further Action Date:	01/25/2016
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Prior site closure in the 1990s may prompt rescrission of a workplan requirekent

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	427375
CERS ID:	10745860
CERS Description:	Hazardous Waste Generator

FINDS:

Registry ID: 110010464210

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

Registry ID: 110070580263

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Registry ID: 110070800010

PLAZA DE SANTA TERESA (Continued) **1004441166**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CUPA SANTA CLARA:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4088369937
UDF Email:	DIPAK.K.PADIA@SPRINT.COM
PE#:	2202
Program Description:	GENERATES USED OIL ONLY OR <100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235836
Longitude:	-121.801271
Record ID:	PR0313755
Facility ID:	FA0210323

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4088369937
UDF Email:	DIPAK.K.PADIA@SPRINT.COM
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.235836
Longitude:	-121.801271
Record ID:	PR0429253
Facility ID:	FA0210323

DRYCLEANERS:

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
EPA Id:	CAL000167656
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/14/1995
Facility Active:	No
Inactive Date:	04/19/2010
Facility Addr2:	Not reported
Owner Name:	SANG-ARK LEE
Owner Address:	1400 BOWE AVE

PLAZA DE SANTA TERESA (Continued) **1004441166**

Owner Address 2:	APT 403
Owner Telephone:	4085101595
Contact Name:	SANG-ARK LEE
Contact Address:	1400 BOWE AVE
Contact Address 2:	APT 403
Contact Telephone:	4085101595
Contact Fax:	0
Mailing Name:	Not reported
Mailing Address 1:	1400 BOWE AVE
Mailing Address 2:	APT 403
Mailing City:	SANTA CLARA
Mailing State:	CA
Mailing Zip:	950513831
Owner Fax:	0
Region Code:	2
Latitude:	37.237404
Longitude:	-121.801105

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
EPA Id:	CAL000352042
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/27/2010
Facility Active:	No
Inactive Date:	06/30/2015
Facility Addr2:	Not reported
Owner Name:	JOANNE FU & JASON SHEN
Owner Address:	229 PRAGUE DR
Owner Address 2:	Not reported
Owner Telephone:	4082298868
Contact Name:	JOANNE FU
Contact Address:	6133 CAMINO VERDE DR
Contact Address 2:	Not reported
Contact Telephone:	4082275820
Contact Fax:	4086296989
Mailing Name:	Not reported
Mailing Address 1:	6133 CAMINO VERDE DR
Mailing Address 2:	Not reported
Mailing City:	SAN JOSE
Mailing State:	CA
Mailing Zip:	951190000
Owner Fax:	4086296989
Region Code:	2
Latitude:	37.237404
Longitude:	-121.801105

DRYCLEAN BAY AREA DIST:

Facility ID:	201118
Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119-1402
NAICS Code:	812320
Facility Status:	Registered

PLAZA DE SANTA TERESA (Continued) **1004441166**

Device Name: Firbimatic 40lbs Closed Loop HC [FIB40P]
Drum Capacity: 40
Device Status: Registered
Facility Permit Expiration Date: 2019-04-01 00:00:00
Name: D5 Siloxane - Green Earth
Annual Usage: 50

EMI:

Name: ONE HOUR CLEANERS
Address: 6133 CAMINO VERDE DR
City,State,Zip: SAN JOSE, CA 951191402
Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 4117
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: BONA'S CLEANERS
Address: 6133 CAMINO VERDE DR
City,State,Zip: SAN JOSE, CA 951191402
Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 10215
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: BONA'S CLEANERS
Address: 6133 CAMINO VERDE DR
City,State,Zip: SAN JOSE, CA 951191402
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 10215
Air District Name: BA
SIC Code: 7216

PLAZA DE SANTA TERESA (Continued) **1004441166**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1999
County Code:	43
Air Basin:	SF

PLAZA DE SANTA TERESA (Continued) **1004441166**

Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	16621
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.32
Reactive Organic Gases Tons/Yr:	.128
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119

PLAZA DE SANTA TERESA (Continued) **1004441166**

Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	16621
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.32000000000000001
Reactive Organic Gases Tons/Yr:	0.128
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	201118
Air District Name:	BA
SIC Code:	7389
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.198249996
Reactive Organic Gases Tons/Yr:	0.0792999984
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HWTS:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000352042
Inactive Date:	06/30/2015
Create Date:	04/27/2010
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6133 CAMINO VERDE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 951190000
Owner Name:	JOANNE FU & JASON SHEN
Owner Address:	229 PRAGUE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN JOSE, CA 951191741
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JOANNE FU

PLAZA DE SANTA TERESA (Continued) **1004441166**

Contact Address: 6133 CAMINO VERDE DR
Contact Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191402
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.237404
Longitude: -121.801105

NAICS:
EPA ID: CAL000352042
Create Date: 2010-04-27 13:33:01.480
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2010-04-27 13:33:01.43300
Inactive Date: 2015-06-30 00:00:00
Facility Name: J & J CLEANERS
Facility Address: 6133 CAMINO VERDE DR
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191402

SAN JOSE HAZMAT:
Name: J & J CLEANERS
Address: 6133 CAMINO VERDE DR
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 496552
Class: Auto Wrecking/Misc Simple Facility

CERS:
Name: J & J CLEANERS
Address: 6133 CAMINO VERDE DR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 427375
CERS ID: 10745860
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 427375
Site Name: J & J CLEANERS
Violation Date: 10-16-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Annual employee training needs to be provided to all employees at this facility. A copy of the sample form was provided during this inspection.
Violation Division: Santa Clara County Environmental Health

PLAZA DE SANTA TERESA (Continued) **1004441166**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 427375
Site Name: J & J CLEANERS
Violation Date: 10-16-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: A copy of the notification to the property owner was not available during this inspection. A soft copy of the letter was e-mailed to the owner.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 427375
Site Name: J & J CLEANERS
Violation Date: 10-16-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: The last time the HMBP was last submitted was on 10/05/2017. Within 30 days submit your new HMBP via CERS or the local portal Front Counter.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: NOTES; 1) No hazardous waste violations were observed during this inspection. 2) Your hazardous waste permit will be changed to PE-2205 with our Department. This facility currently has 2 x 30gal., waste distillates drums
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The most recent copy of the HMBP was last submitted via Front Counter on 10/05/17.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:

PLAZA DE SANTA TERESA (Continued) **1004441166**

Site ID: 427375
Facility Name: J & J CLEANERS
Env Int Type Code: HMBP
Program ID: 10745860
Coord Name: Not reported
Ref Point Type Desc: Entrance point of a facility or station,
Latitude: 37.235836
Longitude: -121.801270

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 6133 CAMINO VERDE DR
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Minh Nguyen
Entity Title: Not reported
Affiliation Address: 6133 CAMINO VERDE DR
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: MINH NGUYEN
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: J & J CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 890-0354,

Affiliation Type Desc: Parent Corporation
Entity Name: J & J CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

PLAZA DE SANTA TERESA (Continued) **1004441166**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: MINH NGUYEN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Legal Owner
Entity Name: J & J CLEANERS
Entity Title: Not reported
Affiliation Address: 6133 CAMINO VERDE DR
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95119
Affiliation Phone: (408) 836-9937,

Name: FORMER ONE HOUR MARTINIZING / CVA
Address: 6133 CAMINO VERDE DRIVE
City,State,Zip: SAN JOSE, CA 95119
Site ID: 655397
CERS ID: T10000007121
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Roger Papler - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1500
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

O106 **SANTA TERESA APTS** **RCRA NonGen / NLR** **1027084845**
SE **5967 LISKA LN** **CAC003157088**
< 1/8 **SAN JOSE, CA 95119**
0.089 mi.
470 ft. **Site 1 of 3 in cluster O**

Relative:
Higher

Actual:
193 ft.

RCRA Listings:

Date Form Received by Agency:	20220114
Handler Name:	Santa Teresa Apts
Handler Address:	5967 LISKA LN
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003157088
Contact Name:	MARIO MIER
Contact Address:	5967 LISKA LN
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-226-7100
Contact Fax:	Not reported
Contact Email:	NJONES@GOLDRICHKEST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5967 LISKA LN
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Santa Teresa Apts
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

SANTA TERESA APTS (Continued) **1027084845**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220118
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANTA TERESA APTS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5967 LISKA LN
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-226-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5967 LISKA LN
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-226-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220114
Handler Name: SANTA TERESA APTS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

SANTA TERESA APTS (Continued) **1027084845**

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O107 **NATALIE JONES UNIT 2C-105** **RCRA NonGen / NLR** **1027685882**
SE **5965 LISKA LANE** **CAC003228004**
< 1/8 **SAN JOSE, CA 95119**
0.090 mi.
474 ft. **Site 2 of 3 in cluster O**

Relative: Higher
Actual: 193 ft.

RCRA Listings:

Date Form Received by Agency:	20230417
Handler Name:	Natalie Jones Unit 2c-105
Handler Address:	5965 LISKA LANE
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003228004
Contact Name:	NATALIE JONES UNIT 2C-105
Contact Address:	5965 LISKA LANE
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	916-459-8565
Contact Fax:	Not reported
Contact Email:	NJONES@GOLDRICHKEST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5965 LISKA LANE
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Natalie Jones Unit 2c-105
Owner Type:	Other
Operator Name:	Natalie Jones Unit 2c-105
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

NATALIE JONES UNIT 2C-105 (Continued) **1027685882**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230418
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NATALIE JONES UNIT 2C-105	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5965 LISKA LANE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	916-459-8565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NATALIE JONES UNIT 2C-105	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5965 LISKA LANE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	916-459-8565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NATALIE JONES UNIT 2C-105 (Continued) **1027685882**

Historic Generators:
Receive Date: 20230417
Handler Name: NATALIE JONES UNIT 2C-105
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O108 **GOLDRICH KEST C/O SANTA TERESA APTS** **RCRA NonGen / NLR** **1026715089**
SE **5961 LISKA LANE #101** **CAC003103486**
< 1/8 **SAN JOSE, CA 95119**
0.092 mi.
484 ft. **Site 3 of 3 in cluster O**

Relative:
Higher

Actual:
193 ft.

RCRA Listings:
Date Form Received by Agency: 20210201
Handler Name: Goldrich Kest C/O Santa Teresa Apts
Handler Address: 5961 LISKA LANE #101
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003103486
Contact Name: MARIO MIER
Contact Address: 5961 LISKA LANE #101
Contact City,State,Zip: SAN JOSE, CA 95119
Contact Telephone: 408-385-5446
Contact Fax: Not reported
Contact Email: MMIER@GOLDRICHKET.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 6254 SANTA TERESA BLVD
Mailing City,State,Zip: SAN JOSE, CA 95119
Owner Name: Goldrich Kest C/O Santa Teresa Apts

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715089**

Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5961 LISKA LANE #101
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715089**

Owner/Operator Indicator: Owner
Owner/Operator Name: GOLDRICH KEST C/O SANTA TERESA APTS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-835-0830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210201
Handler Name: GOLDRICH KEST C/O SANTA TERESA APTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N109 **SANTA TERESA CENTER** **EDR Hist Auto** **1020887588**
South **6140 CMINO VERDE DR STE I** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.101 mi.
534 ft. **Site 8 of 9 in cluster N**

Relative: EDR Hist Auto
Lower

Actual: **190 ft.**

Year:	Name:	Type:
2011	SANTA TERESA CENTER	Gasoline Service Stations, NEC
2012	SANTA TERESA CENTER	Gasoline Service Stations, NEC
2013	SANTA TERESA CENTER	Gasoline Service Stations, NEC
2014	SANTA TERESA CENTER	Gasoline Service Stations, NEC

N110
South
< 1/8
0.101 mi.
534 ft.

ARTISAN FAMILY DENTAL
6140 CAMINO VERDE DR # J
SAN JOSE, CA 95119

Site 9 of 9 in cluster N

CUPA Listings **S121474370**
N/A

Relative:
Lower

Actual:
190 ft.

CUPA SANTA CLARA:

Name:	ARTISAN FAMILY DENTAL
Address:	6140 CAMINO VERDE DR # J
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4082275058
UDF Email:	Not reported
PE#:	2240
Program Description:	GENERATES < 10 GAL/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235654
Longitude:	-121.800593
Record ID:	PR0393359
Facility ID:	FA0266426

K111
SE
< 1/8
0.104 mi.
547 ft.

SANTA THERESA APTS.
5929 LISKA LN.
SAN JOSE, CA 95119

Site 6 of 7 in cluster K

RCRA NonGen / NLR **1026823380**
CAC003136378

Relative:
Higher

Actual:
193 ft.

RCRA Listings:

Date Form Received by Agency:	20210827
Handler Name:	Santa Theresa Apts.
Handler Address:	5929 LISKA LN.
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003136378
Contact Name:	MARIO MIER
Contact Address:	5929 LISKA LN.
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-835-0830
Contact Fax:	Not reported
Contact Email:	LSMITH@RMC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5929 LISKA LN.
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Santa Theresa Apta.
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

SANTA THERESA APTS. (Continued) **1026823380**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210827
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5929 LISKA LN.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-835-0830
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANTA THERESA APTA.	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5929 LISKA LN.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119

SANTA THERESA APTS. (Continued) **1026823380**

Owner/Operator Telephone: 408-835-0830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210827
Handler Name: SANTA THERESA APTS.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K112 **GOLDRICH KEST C/O SANTA TERESA APTS** **RCRA NonGen / NLR** **1026715711**
SE **5931 LISKA LANE #205** **CAC003104151**
< 1/8 **SAN JOSE, CA 95119**
0.104 mi.
547 ft. **Site 7 of 7 in cluster K**

Relative:
Higher

Actual:
193 ft.

RCRA Listings:
Date Form Received by Agency: 20210204
Handler Name: Goldrich Kest C/O Santa Teresa Apts
Handler Address: 5931 LISKA LANE #205
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003104151
Contact Name: MARIO MIER
Contact Address: 5931 LISKA LANE #205
Contact City,State,Zip: SAN JOSE, CA 95119
Contact Telephone: 408-385-5446
Contact Fax: Not reported
Contact Email: MMIER@GOLDRICHKEST.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715711**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich Kest C/O Santa Teresa Apts
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDRICH KEST C/O SANTA TERESA APTS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715711**

Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-835-0830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MARIO MIER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5931 LISKA LANE #205
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-385-5446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210204
Handler Name: GOLDRICH KEST C/O SANTA TERESA APTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P113 **DELAS CLEANERS** **EDR Hist Cleaner** **1018602238**
SW **6193 SANTA TERESA BLV** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.105 mi.
555 ft. **Site 1 of 3 in cluster P**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
185 ft. 1986 DELAS CLEANERS Garment Pressing And Cleaners' Agents
1987 DELAS CLEANERS Garment Pressing And Cleaners' Agents
1988 DELAS CLEANERS Garment Pressing And Cleaners' Agents
1989 DELAS CLEANERS Garment Pressing And Cleaners' Agents

DELAS CLEANERS (Continued) **1018602238**

1990	DELAS CLEANERS	Garment Pressing And Cleaners' Agents
1991	DELAS CLEANERS	Garment Pressing And Cleaners' Agents
1992	DELAS CLEANERS	Garment Pressing And Cleaners' Agents
1993	DELAS CLEANERS	Garment Pressing And Cleaners' Agents
1994	DELAS CLEANERS	Garment Pressing And Cleaners' Agents
1996	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
1997	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
1998	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
1999	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2000	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2001	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2002	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2003	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2004	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2005	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2006	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2007	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2008	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2009	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2010	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2011	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2012	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2013	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs
2014	SANTA TERESA CLEANERS	Drycleaning Plants, Except Rugs

P114 **KENTUCKY FRIED CHICKEN #217** **HAZMAT** **S120629439**
SW **6171 SANTA TERESA BL** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.105 mi.
555 ft. **Site 2 of 3 in cluster P**

Relative: **Lower**
Actual: **185 ft.**

SAN JOSE HAZMAT:

Name:	KENTUCKY FRIED CHICKEN #217
Address:	6171 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95123
Region:	SAN JOSE
File Num:	602791
Class:	Auto Wrecking/Misc Simple Facility

P115 **KENTUCKY FRIED CHICKEN #0217** **CUPA Listings** **S120049963**
SW **6171 SANTA TERESA BL** **N/A**
< 1/8 **SAN JOSE, CA 95123**
0.105 mi.
555 ft. **Site 3 of 3 in cluster P**

Relative: **Lower**
Actual: **185 ft.**

CUPA SANTA CLARA:

Name:	KENTUCKY FRIED CHICKEN #0217
Address:	6171 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082270755
UDF Email:	Not reported
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.2366298

KENTUCKY FRIED CHICKEN #0217 (Continued) **S120049963**

Longitude: -121.8050503
Record ID: PR0426289
Facility ID: FA0284207

M116 **VAUGN FLEMING** **RCRA NonGen / NLR** **1026717402**
SSW **6149 CAMINO VERDE DRIVE #A** **CAC003105930**
< 1/8 **SAN JOSE, CA 95119**
0.119 mi.
626 ft. **Site 3 of 3 in cluster M**

Relative: **Lower**
Actual: **189 ft.**

RCRA Listings:

Date Form Received by Agency:	20210217
Handler Name:	Vaugn Fleming
Handler Address:	6149 CAMINO VERDE DRIVE #A
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003105930
Contact Name:	VAUGN FLEMING
Contact Address:	6149 CAMINO VERDE DRIVE #A
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-209-3896
Contact Fax:	Not reported
Contact Email:	ALONDRA.DIAZ@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6149 CAMINO VERDE DRIVE #A
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Vaugn Fleming
Owner Type:	Other
Operator Name:	Vaugn Fleming
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

VAUGN FLEMING (Continued) **1026717402**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: VAUGN FLEMING	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6149 CAMINO VERDE DRIVE #A
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-209-3896
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: VAUGN FLEMING	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6149 CAMINO VERDE DRIVE #A
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-209-3896
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210217
Handler Name: VAUGN FLEMING	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

VAUGN FLEMING (Continued) **1026717402**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q117 **RANCHO SANTA TERESA SWIM & RAC** **CUPA Listings** **S102416678**
South **286 SORRENTO WY** **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119** **CERS**
0.123 mi.
649 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
191 ft.

CUPA SANTA CLARA:
Name: RANCHO SANTA TERESA SWIM & RAC
Address: 286 SORRENTO WY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: Not reported
UDF Email: Not reported
PE#: 2240
Program Description: GENERATES < 10 GAL/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.235251
Longitude: -121.799915
Record ID: PR0374868
Facility ID: FA0208468

Name: RANCHO SANTA TERESA SWIM & RAC
Address: 286 SORRENTO WY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4082275758
UDF Email: rstsrcoffice@gmail.com
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.235251
Longitude: -121.799915
Record ID: PR0397473
Facility ID: FA0700840

SAN JOSE HAZMAT:
Name: RANCHO SANTA TERESA SWIM
Address: 286 SORRENTO WY
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE

RANCHO SANTA TERESA SWIM & RAC (Continued) **S102416678**

File Num: 400373
Class: Auto Wrecking/Misc Simple Facility

CERS:
Name: RANCHO SANTA TERESA SWIM & RAC
Address: 286 SORRENTO WY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 146583
CERS ID: 10091737
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 146583
Site Name: RANCHO SANTA TERESA SWIM & RAC
Violation Date: 03-03-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/26/2016. The facility is subject to hazardous materials business plan (HMBP) requirements, but as of 3/3/2016 no HMBP has been submitted to the California Environmental Reporting System (CERS). Within 30 days, complete and submit the following by creating a CERS account with CERS ID: 10091737. -Facility information/ownership page -Hazardous materials inventory/site map -Emergency response plan/training plan If you would like assistance with completing and submitting your HMBP, SCC HMCD Hazardous Materials Technician Michelle Santos at (408)918-1981 or myself at (408)918-3408 for assistance. - CERS website: http://cers.calepa.ca.gov
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 146583
Site Name: RANCHO SANTA TERESA SWIM & RAC
Violation Date: 12-04-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: No annual training in safety procedures has been documented. Ensure that annual training for employees covers all the content in the Hazardous Materials Business Plan and is documented.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous materials business plan (HMBP) inspection with Office Coordinator, Alana Martinez. The facility is an

RANCHO SANTA TERESA SWIM & RAC (Continued) **S102416678**

HOA swimming and tennis club. The following hazardous materials were observed on-site in quantities above HMBP reportable thresholds: 1. Sodium Hypochlorite: 5 x 15 gallon plastic carboys + 24 x 1 gallon plastic jugs (99 gallons) *The facility staff stated that a maximum of 6 x 15 gallon plastic carboys + 24 x 1 gallon plastic jugs (124 gallons) of sodium hypochlorite are kept on-site during the summer season. It is of note that 24 gallons of muriatic acid**, 37.5lb. of chlorinator tablets, 100lb. of swimming pool and spa sanitizer, 100lb. of chlorine stabilizer, 24 gallons of chlorinating liquid, 100 lb. of sodium bicarbonate, and 150 lb. of calcium chloride was observed on-site, but are below HMBP reportable thresholds. **The facility staff stated that the maximum amount of muriatic acid on-site at any time during the [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous materials business plan inspection CERS ID: 10091737 Facility's last HMBP submittal was 8/22/18 via FrontCounter Observed the following reportable chemicals on site: 150 gallons sodium hypochlorite email:office@ranchosantateresa.org

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine Hazardous Materials Business Plan (HMBP) inspection of RANCHO SANTA TERESA SWIM & RAC with Hazardous Materials Supervisor, Joanne Tracey. This inspection began on 8.20.21 and concluded today. Facility walk through inspection was done with Claire Sakelson, Supervisor. FACILITY OVERVIEW: -Facility is swim/aquatics center in San Jose. Facility has multiple outdoor pools. HazMat onsite include pool maintenance chemicals. Chemicals kept in pool room and in storage sheds outside of the main building. -Pools maintained by service company. PREVIOUS INSPECTION: -Last HMBP inspection was conducted in 2016. HMBP facility, info, inventory, site map, and emergency response plan were updated. All violations were corrected. -Previous online HMBP submittals done through FrontCounter. Future HMBP updates and certification must be made through CERS at https://cers.calepa.ca.gov/. REPORTABLE HAZMAT: Observed the following hazardous materials at [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Luke Brown
Entity Title: Not reported

RANCHO SANTA TERESA SWIM & RAC (Continued) **S102416678**

Affiliation Address:	286 Sorrento Wy
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Terrie Jacopi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	286 SORRENTO WY
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Rancho Santa Teresa Board of Directors
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 227-5758,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Identification Signer
Entity Name:	Terrie Jacopi
Entity Title:	Club Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

RANCHO SANTA TERESA SWIM & RAC (Continued) **S102416678**

Affiliation Type Desc:	Legal Owner
Entity Name:	RANCHO SANTA TERESA SWIM
Entity Title:	Not reported
Affiliation Address:	286 SORRENTO WY
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95119
Affiliation Phone:	(408) 227-5728,
Affiliation Type Desc:	Operator
Entity Name:	Rancho Santa Teresa
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 227-5758,
Affiliation Type Desc:	Parent Corporation
Entity Name:	RANCHO SANTA TERESA SWIM
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Q118 **RANCHO SANTA TERESA SWIM & RACQUET CLUB** **RCRA NonGen / NLR** **1024874620**
South **286 SORRENTO WAY** **CAL000443276**
< 1/8 **SAN JOSE, CA 95119**
0.123 mi.
649 ft. **Site 2 of 2 in cluster Q**

Relative:
Lower

Actual:
191 ft.

RCRA Listings:

Date Form Received by Agency:	20190207
Handler Name:	Rancho Santa Teresa Swim & Racquet Club
Handler Address:	286 SORRENTO WAY
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000443276
Contact Name:	ALANA MARTINEZ
Contact Address:	286 SORRENTO WAY
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-227-5758
Contact Fax:	408-225-6325
Contact Email:	OFFICE@RANCHOSANTATERESA.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported

RANCHO SANTA TERESA SWIM & RACQUET CLUB (Continued) **1024874620**

State District:	Not reported
Mailing Address:	286 SORRENTO WAY
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Rancho Santa Teresa Swim & Racquet
Owner Type:	Other
Operator Name:	Alana Martinez
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANCHO SANTA TERESA SWIM & RACQUET
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	286 SORRENTO WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119

RANCHO SANTA TERESA SWIM & RACQUET CLUB (Continued) **1024874620**

Owner/Operator Telephone: 408-227-5758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALANA MARTINEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 286 SORRENTO WAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-227-5758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190207
Handler Name: RANCHO SANTA TERESA SWIM & RACQUET CLUB
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 713990
NAICS Description: ALL OTHER AMUSEMENT AND RECREATION INDUSTRIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

R119 **OAKRIDGE GOLF CLUB** **CUPA Listings** **S121469643**
WNW **225 COTTLE RD** **N/A**
1/8-1/4 **SAN JOSE, CA 95123**
0.140 mi.
738 ft. **Site 1 of 2 in cluster R**

Relative: **Lower**
Actual: **189 ft.**

CUPA SANTA CLARA:
Name: OAKRIDGE GOLF CLUB
Address: 225 COTTLE RD
City,State,Zip: SAN JOSE, CA 95123
Region: SANTA CLARA
Telephone: Not reported
UDF Email: Not reported
PE#: 2201

OAKRIDGE GOLF CLUB (Continued) **S121469643**

Program Description:	GENERATES WASTE OIL ONLY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.241253
Longitude:	-121.804164
Record ID:	PR0317498
Facility ID:	FA0207814

120
SSE
1/8-1/4
0.147 mi.
776 ft.

PETER HUYNH **RCRA NonGen / NLR** **1028890091**
6134 ESCONDIDO COURT **CAC003251108**
SAN JOSE, CA 95119

Relative:
Higher

Actual:
192 ft.

RCRA Listings:

Date Form Received by Agency:	20230911
Handler Name:	Peter Huynh
Handler Address:	6134 ESCONDIDO COURT
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003251108
Contact Name:	PETER HUYNH
Contact Address:	6134 ESCONDIDO COURT
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-888-2401
Contact Fax:	Not reported
Contact Email:	PHH621@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6134 ESCONDIDO COURT
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Peter Huynh
Owner Type:	Other
Operator Name:	Peter Huynh
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

PETER HUYNH (Continued) **1028890091**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230911
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: PETER HUYNH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6134 ESCONDIDO COURT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-888-2401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PETER HUYNH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6134 ESCONDIDO COURT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-888-2401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20230911
Handler Name: PETER HUYNH	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

PETER HUYNH (Continued) **1028890091**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

S121 **LAUREL SANCHEZ** **RCRA NonGen / NLR** **1024753205**
WSW **6097 LARCHMONT DRIVE** **CAC002973017**
1/8-1/4 **SAN JOSE, CA 95123**
0.148 mi.
782 ft. **Site 1 of 2 in cluster S**

Relative: **Lower**

Actual: **185 ft.**

RCRA Listings:

Date Form Received by Agency:	20180727
Handler Name:	Laurel Sanchez
Handler Address:	6097 LARCHMONT DRIVE
Handler City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAC002973017
Contact Name:	LAUREL SANCHEZ
Contact Address:	6097 LARCHMONT DRIVE
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	408-239-6954
Contact Fax:	Not reported
Contact Email:	NICOLE@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6097 LARCHMONT DRIVE
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	Laurel Sanchez
Owner Type:	Other
Operator Name:	Laurel Sanchez
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

LAUREL SANCHEZ (Continued) **1024753205**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LAUREL SANCHEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6097 LARCHMONT DRIVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-239-6954
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LAUREL SANCHEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

LAUREL SANCHEZ (Continued) **1024753205**

Owner/Operator Address: 6097 LARCHMONT DRIVE
Owner/Operator City,State,Zip: SAN JOSE, CA 95123
Owner/Operator Telephone: 408-239-6954
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180727
Handler Name: LAUREL SANCHEZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

R122 **VILLAGE OF MARINEO AT PALM OFFICE** **CUPA Listings** **S112206393**
WNW **100 PALM VALLEY BL** **HAZMAT** **N/A**
1/8-1/4 **SAN JOSE, CA 95123**
0.154 mi.
814 ft. **Site 2 of 2 in cluster R**

Relative:
Lower

Actual:
189 ft.

CUPA SANTA CLARA:
Name: VILLAGE OF MARINEO
Address: 100 PALM VALLEY BL
City,State,Zip: SAN JOSE, CA 95123
Region: SANTA CLARA
Telephone: 4083650871
UDF Email: Not reported
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.241078
Longitude: -121.807228
Record ID: PR0410027
Facility ID: FA0271482

SAN JOSE HAZMAT:
Name: VILLAGE OF MARINEO AT PALM OFFICE

VILLAGE OF MARINEO AT PALM OFFICE (Continued) **S112206393**

Address: 100 PALM VALLEY BL
City,State,Zip: SAN JOSE, CA 95123
Region: SAN JOSE
File Num: 408848
Class: Auto Wrecking/Misc Simple Facility

T123 **THE FOOTHILLS APARTMENTS** **RCRA NonGen / NLR** **1027450266**
SSW **6161 COTTLE ROAD #L12** **CAC003188109**
1/8-1/4 **SAN JOSE, CA 95123**
0.161 mi.
849 ft. **Site 1 of 5 in cluster T**

Relative: **Lower**

Actual: **185 ft.**

RCRA Listings:

Date Form Received by Agency:	20220802
Handler Name:	The Foothills Apartments
Handler Address:	6161 COTTLE ROAD #L12
Handler City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAC003188109
Contact Name:	THE FOOTHILLS APARTMENTS
Contact Address:	6184 COTTLE ROAD
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	408-225-8648
Contact Fax:	Not reported
Contact Email:	CHELSEY@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6184 COTTLE ROAD
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	The Foothills Apartments
Owner Type:	Other
Operator Name:	The Foothills Apartments
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

THE FOOTHILLS APARTMENTS (Continued) **1027450266**

2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220803
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE FOOTHILLS APARTMENTS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6184 COTTLE ROAD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-225-8648
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE FOOTHILLS APARTMENTS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6184 COTTLE ROAD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-225-8648
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220802
Handler Name:	THE FOOTHILLS APARTMENTS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

THE FOOTHILLS APARTMENTS (Continued) **1027450266**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T124 **FOOTHILL APARTMENTS C/O PARK PLACE ASSET MANAGEMEN** **RCRA NonGen / NLR** **1024762708**
SSW **6184 COTTLE ROAD** **CAC002982570**
1/8-1/4 **SAN JOSE, CA 95123**
0.173 mi.
913 ft. **Site 2 of 5 in cluster T**

Relative: **Lower**

Actual: **186 ft.**

RCRA Listings:
Date Form Received by Agency: 20180928
Handler Name: Foothill Apartments C/O Park Place Asset Management
Handler Address: 6184 COTTLE ROAD
Handler City,State,Zip: SAN JOSE, CA 95123
EPA ID: CAC002982570
Contact Name: JACKIE WONG
Contact Address: 2960 CAMINO DIABLO SUITE 300
Contact City,State,Zip: WALNUT CREEK, CA 94597
Contact Telephone: 408-225-8648
Contact Fax: Not reported
Contact Email: NICOLE@ENV-REM.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2960 CAMINO DIABLO SUITE 300
Mailing City,State,Zip: WALNUT CREEK, CA 94597
Owner Name: Park Place Asset Management
Owner Type: Other
Operator Name: Jackie Wong
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

FOOTHILL APARTMENTS C/O PARK PLACE ASSET MANAGEMENT (Continued) **1024762708**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181001
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PARK PLACE ASSET MANAGEMENT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2960 CAMINO DIABLO SUITE 300
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	925-932-7955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JACKIE WONG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2960 CAMINO DIABLO SUITE 300

FOOTHILL APARTMENTS C/O PARK PLACE ASSET MANAGEMENT (Continued) **1024762708**

Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 408-225-8648
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180928
Handler Name: FOOTHILL APARTMENTS C/O PARK PLACE ASSET MANAGEMENT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T125 **THE FOOTHILL APARTMENTS** **RCRA NonGen / NLR** **1026806907**
SSW **6166 COTTLE ROAD #5** **CAC003119147**
1/8-1/4 **SAN JOSE, CA 95123**
0.173 mi.
913 ft. **Site 3 of 5 in cluster T**

Relative: **Lower**

Actual: **186 ft.**

RCRA Listings:
Date Form Received by Agency: 20210511
Handler Name: The Foothill Apartments
Handler Address: 6166 COTTLE ROAD #5
Handler City,State,Zip: SAN JOSE, CA 95123
EPA ID: CAC003119147
Contact Name: JACKIE GRAVES
Contact Address: 6184 COTTLE ROAD
Contact City,State,Zip: SAN JOSE, CA 95123
Contact Telephone: 408-225-8648
Contact Fax: Not reported
Contact Email: NICOLE@ENV-REM.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

THE FOOTHILL APARTMENTS (Continued) **1026806907**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6184 COTTLE ROAD
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	The Foothill Apartments
Owner Type:	Other
Operator Name:	Jackie Graves
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210514
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JACKIE GRAVES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

THE FOOTHILL APARTMENTS (Continued) **1026806907**

Owner/Operator Address: 6184 COTTLE ROAD
Owner/Operator City,State,Zip: SAN JOSE, CA 95123
Owner/Operator Telephone: 408-225-8648
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE FOOTHILL APARTMENTS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6184 COTTLE ROAD
Owner/Operator City,State,Zip: SAN JOSE, CA 95123
Owner/Operator Telephone: 408-225-8648
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210511
Handler Name: THE FOOTHILL APARTMENTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T126 **LOUIS JUAREZ** **RCRA NonGen / NLR** **1027462109**
SW **333 SPODE WAY** **CAC003200652**
1/8-1/4 **SAN JOSE, CA 95123**
0.189 mi.
1000 ft. **Site 4 of 5 in cluster T**

Relative: **Lower**
Actual: **184 ft.**

RCRA Listings:
Date Form Received by Agency: 20221021
Handler Name: Louis Juarez
Handler Address: 333 SPODE WAY
Handler City,State,Zip: SAN JOSE, CA 95123
EPA ID: CAC003200652

LOUIS JUAREZ (Continued) **1027462109**

Contact Name:	LOUIS JUAREZ
Contact Address:	333 SPODE WAY
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	669-255-6528
Contact Fax:	Not reported
Contact Email:	MELISA@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	333 SPODE WAY
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	Louis Juarez
Owner Type:	Other
Operator Name:	Louis Juarez
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221023
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

LOUIS JUAREZ (Continued) **1027462109**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LOUIS JUAREZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 SPODE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	669-255-6528
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LOUIS JUAREZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 SPODE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	669-255-6528
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20221021
Handler Name: LOUIS JUAREZ	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

T127 **DON MIZE** **RCRA NonGen / NLR** **1024765300**
SW **331 SPODE WAY** **CAC002985169**
1/8-1/4 **SAN JOSE, CA 95123**
0.191 mi.
1008 ft. **Site 5 of 5 in cluster T**

Relative: **Lower**

Actual: **184 ft.**

RCRA Listings:

Date Form Received by Agency:	20181017
Handler Name:	Don Mize
Handler Address:	331 SPODE WAY
Handler City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAC002985169
Contact Name:	DON MIZE
Contact Address:	331 SPODE WAY
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	408-316-2509
Contact Fax:	Not reported
Contact Email:	MARIAE@PWSEI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	331 SPODE WAY
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	Don Mize
Owner Type:	Other
Operator Name:	Don Mize
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

DON MIZE (Continued) **1024765300**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DON MIZE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	331 SPODE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-316-2509
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DON MIZE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	331 SPODE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-316-2509
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181017
Handler Name: DON MIZE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

DON MIZE (Continued) **1024765300**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S128 **GUADALUPE RODRIGUEZ** **RCRA NonGen / NLR** **1028896861**
WSW **302 HENDERSON DR.** **CAC003258402**
1/8-1/4 **SAN JOSE, CA 95123**
0.199 mi.
1049 ft. **Site 2 of 2 in cluster S**

Relative: **Lower**
Actual: **184 ft.**

RCRA Listings:

Date Form Received by Agency:	20231026
Handler Name:	Guadalupe Rodriguez
Handler Address:	302 HENDERSON DR.
Handler City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAC003258402
Contact Name:	GUADALUPE RODRIGUEZ
Contact Address:	302 HENDERSON DR.
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	408-529-4850
Contact Fax:	Not reported
Contact Email:	HJORGE529@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	302 HENDERSON DR.
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	Guadalupe Rodriguez
Owner Type:	Other
Operator Name:	Guadalupe Rodriguez
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

GUADALUPE RODRIGUEZ (Continued) **1028896861**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20231026
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GUADALUPE RODRIGUEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	302 HENDERSON DR.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-529-4850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: GUADALUPE RODRIGUEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	302 HENDERSON DR.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-529-4850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GUADALUPE RODRIGUEZ (Continued) **1028896861**

Historic Generators:
- Receive Date: 20231026
- Handler Name: GUADALUPE RODRIGUEZ
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: No
- Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

129
SE
1/8-1/4
0.206 mi.
1088 ft.

VTA SANTA TERESA LIGHT RAIL STATION **RCRA NonGen / NLR** **1027213171**
6340 SANTA TERESA BLVD **CAC003177730**
SAN JOSE, CA 95119

Relative:
Higher

Actual:
194 ft.

RCRA Listings:
- Date Form Received by Agency: 20220524
- Handler Name: Vta Santa Teresa Light Rail Station
- Handler Address: 6340 SANTA TERESA BLVD
- Handler City,State,Zip: SAN JOSE, CA 95119
- EPA ID: CAC003177730
- Contact Name: LYNDSEY FUJII
- Contact Address: 3331 N FIRST ST
- Contact City,State,Zip: SAN JOSE, CA 95134
- Contact Telephone: 408-546-7740
- Contact Fax: Not reported
- Contact Email: LYNDSEY.FUJII@VTA.ORG
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Not reported
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 3331 N FIRST ST
- Mailing City,State,Zip: SAN JOSE, CA 95134
- Owner Name: Valley Transportation Authority

VTA SANTA TERESA LIGHT RAIL STATION (Continued) **1027213171**

Owner Type:	Other
Operator Name:	Lyndsey Fujii
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220525
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LYNDSEY FUJII	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3331 N FIRST ST
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134
Owner/Operator Telephone:	408-546-7740
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VTA SANTA TERESA LIGHT RAIL STATION (Continued) **1027213171**

Owner/Operator Indicator: Owner
Owner/Operator Name: VALLEY TRANSPORTATION AUTHORITY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3331 N FIRST ST
Owner/Operator City,State,Zip: SAN JOSE, CA 95134
Owner/Operator Telephone: 408-546-7740
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220524
Handler Name: VTA SANTA TERESA LIGHT RAIL STATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 54162
NAICS Description: ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U130 **VANESSA GUARDINI** **RCRA NonGen / NLR** **1026807951**
SSE **264 LOS PALMOS** **CAC003120249**
1/8-1/4 **SAN JOSE, CA 95119**
0.207 mi.
1092 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
192 ft.

RCRA Listings:
Date Form Received by Agency: 20210518
Handler Name: Vanessa Guardini
Handler Address: 264 LOS PALMOS
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003120249
Contact Name: VANESSA GUARDINI
Contact Address: 264 LOS PALMOS
Contact City,State,Zip: SAN JOSE, CA 95119
Contact Telephone: 510-856-6354
Contact Fax: Not reported
Contact Email: VANESSA.GUARDINI@GMAIL.COM
Contact Title: Not reported

VANESSA GUARDINI (Continued) **1026807951**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	264 LOS PALMOS
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Vanessa Guardini
Owner Type:	Other
Operator Name:	Vanessa Guardini
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210521
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

VANESSA GUARDINI (Continued) **1026807951**

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: VANESSA GUARDINI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 264 LOS PALMOS
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 510-856-6354
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VANESSA GUARDINI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 264 LOS PALMOS
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 510-856-6354
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210518
Handler Name: VANESSA GUARDINI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U131 **PROPERTY BUDDIES LLC** **RCRA NonGen / NLR** **1028899888**
SSE **259 LOS PALMOS WAY** **CAC003261633**
1/8-1/4 **SAN JOSE, CA 95135**
0.211 mi.
1115 ft. **Site 2 of 2 in cluster U**

Relative: **Higher**

Actual: **192 ft.**

RCRA Listings:

Date Form Received by Agency:	20231117
Handler Name:	Property Buddies Llc
Handler Address:	259 LOS PALMOS WAY
Handler City,State,Zip:	SAN JOSE, CA 95135
EPA ID:	CAC003261633
Contact Name:	SHAWN SIDHU
Contact Address:	6019 RUNNING SPRINGS ROAD
Contact City,State,Zip:	SAN JOSE, CA 95135
Contact Telephone:	510-206-0533
Contact Fax:	Not reported
Contact Email:	SHAWN@MYPROPERTYBUDDIES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6019 RUNNING SPRINGS ROAD
Mailing City,State,Zip:	SAN JOSE, CA 95135
Owner Name:	Property Buddies Llc
Owner Type:	Other
Operator Name:	Shawn Sidhu
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PROPERTY BUDDIES LLC (Continued) **1028899888**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20231117
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PROPERTY BUDDIES LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6019 RUNNING SPRINGS ROAD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95135
Owner/Operator Telephone:	510-206-0533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: SHAWN SIDHU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6019 RUNNING SPRINGS ROAD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95135
Owner/Operator Telephone:	510-206-0533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20231117
Handler Name: PROPERTY BUDDIES LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

PROPERTY BUDDIES LLC (Continued) **1028899888**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

V132 **JACKIE SHOELLER** **RCRA NonGen / NLR** **1027088916**
SSW **325 EL PORTAL WAY** **CAC003161363**
1/8-1/4 **SAN JOSE, CA 95119**
0.226 mi.
1192 ft. **Site 1 of 2 in cluster V**

Relative: **Lower**
Actual: **188 ft.**

RCRA Listings:

Date Form Received by Agency:	20220210
Handler Name:	Jackie Shoeller
Handler Address:	325 EL PORTAL WAY
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003161363
Contact Name:	JACKIE SHOELLER
Contact Address:	325 EL PORTAL WAY
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-623-2135
Contact Fax:	Not reported
Contact Email:	NICOLE@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	325 EL PORTAL WAY
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Jackie Shoeller
Owner Type:	Other
Operator Name:	Jackie Shoeller
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

JACKIE SHOELLER (Continued) **1027088916**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220214
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JACKIE SHOELLER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	325 EL PORTAL WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-623-2135
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JACKIE SHOELLER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	325 EL PORTAL WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-623-2135
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

JACKIE SHOELLER (Continued) **1027088916**

Historic Generators:
Receive Date: 20220210
Handler Name: JACKIE SHOELLER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

133
South
1/8-1/4
0.227 mi.
1199 ft.

MINERVA GONZALES
305 EL PORTAL WAY
SAN JOSE, CA 95119

RCRA NonGen / NLR **1027071078**
CAC003142575

Relative:
Lower

Actual:
191 ft.

RCRA Listings:
Date Form Received by Agency: 20211007
Handler Name: Minerva Gonzales
Handler Address: 305 EL PORTAL WAY
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003142575
Contact Name: MINERVA GONZALES
Contact Address: 305 EL PORTAL WAY
Contact City,State,Zip: SAN JOSE, CA 95119
Contact Telephone: 408-386-8792
Contact Fax: Not reported
Contact Email: MBG1993MSW@YAHOO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 305 EL PORTAL WAY
Mailing City,State,Zip: SAN JOSE, CA 95119
Owner Name: Minerva Gonzales

MINERVA GONZALES (Continued) **1027071078**

Owner Type:	Other
Operator Name:	Minerva Gonzales
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MINERVA GONZALES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	305 EL PORTAL WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-386-8792
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MINERVA GONZALES (Continued) **1027071078**

Owner/Operator Indicator: Operator
Owner/Operator Name: MINERVA GONZALES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 305 EL PORTAL WAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-386-8792
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20211007
Handler Name: MINERVA GONZALES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

V134 **LISA HANSON** **RCRA NonGen / NLR** **1026050682**
SSW **329 EL PORTAL WAY** **CAC003057529**
1/8-1/4 **SAN JOSE, CA 95119**
0.229 mi.
1207 ft. **Site 2 of 2 in cluster V**

Relative:
Lower

Actual:
188 ft.

RCRA Listings:
Date Form Received by Agency: 20200225
Handler Name: Lisa Hanson
Handler Address: 329 EL PORTAL WAY
Handler City,State,Zip: SAN JOSE, CA 95119-1416
EPA ID: CAC003057529
Contact Name: LISA HANSON
Contact Address: 329 EL PORTAL WAY
Contact City,State,Zip: SAN JOSE, CA 95119-1416
Contact Telephone: 408-218-7967
Contact Fax: Not reported
Contact Email: TAMMYRELPAYNE@ALLIANCE-ENVIRO.COM
Contact Title: Not reported

LISA HANSON (Continued) **1026050682**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	329 EL PORTAL WAY
Mailing City,State,Zip:	SAN JOSE, CA 95119-1416
Owner Name:	Lisa Hanson
Owner Type:	Other
Operator Name:	Lisa Hanson
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200306
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

LISA HANSON (Continued) **1026050682**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LISA HANSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	329 EL PORTAL WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119-1416
Owner/Operator Telephone:	408-218-7967
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LISA HANSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	329 EL PORTAL WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119-1416
Owner/Operator Telephone:	408-218-7967
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200225
Handler Name: LISA HANSON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

135
SW
1/8-1/4
0.238 mi.
1256 ft.

CYNTHIA AMADOR
340 SPODE WAY
SAN JOSE, CA 95123

RCRA NonGen / NLR

1026707970
CAC003095963

Relative:
Lower

Actual:
185 ft.

RCRA Listings:

Date Form Received by Agency:	20201207
Handler Name:	Cynthia Amador
Handler Address:	340 SPODE WAY
Handler City,State,Zip:	SAN JOSE, CA 95123
EPA ID:	CAC003095963
Contact Name:	CYNTHIA AMADOR
Contact Address:	340 SPODE WAY
Contact City,State,Zip:	SAN JOSE, CA 95123
Contact Telephone:	408-694-7136
Contact Fax:	Not reported
Contact Email:	MELISA@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	340 SPODE WAY
Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	Cynthia Amador
Owner Type:	Other
Operator Name:	Cynthia Amador
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CYNTHIA AMADOR (Continued) **1026707970**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CYNTHIA AMADOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	340 SPODE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-694-7136
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CYNTHIA AMADOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	340 SPODE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-694-7136
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201207
Handler Name: CYNTHIA AMADOR	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CYNTHIA AMADOR (Continued) **1026707970**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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136 **GRIFFIN PROPERTY** **HIST CORTESE** **S103472966**
NNE **724 1ST** **N/A**
1/8-1/4 **SAN JOSE, CA 95113**
0.241 mi.
1271 ft.

Relative:
Lower

Actual:
191 ft.

HIST CORTESE:
edr_fname: GRIFFIN PROPERTY
edr_fadd1: 724 1ST
City,State,Zip: SAN JOSE, CA 95113
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-2268

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137 **GARRETT REASE** **RCRA NonGen / NLR** **1025843494**
WSW **6059 BIGLOW CT** **CAC003023109**
1/8-1/4 **SAN JOSE, CA 95123**
0.243 mi.
1283 ft.

Relative:
Lower

Actual:
184 ft.

RCRA Listings:
Date Form Received by Agency: 20190709
Handler Name: Garrett Rease
Handler Address: 6059 BIGLOW CT
Handler City,State,Zip: SAN JOSE, CA 95123
EPA ID: CAC003023109
Contact Name: GARRETT REASE
Contact Address: 6059 BIGLOW CT
Contact City,State,Zip: SAN JOSE, CA 95123
Contact Telephone: 408-293-4717
Contact Fax: Not reported
Contact Email: RUTH.DELGADILLO@SYNERGYCOMPANIES.ORG
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 6059 BIGLOW CT

GARRETT REASE (Continued) **1025843494**

Mailing City,State,Zip:	SAN JOSE, CA 95123
Owner Name:	Garrett Rease
Owner Type:	Other
Operator Name:	Garrett Rease
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GARRETT REASE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6059 BIGLOW CT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-293-4717
Owner/Operator Telephone Ext:	Not reported

GARRETT REASE (Continued) **1025843494**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: GARRETT REASE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6059 BIGLOW CT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95123
Owner/Operator Telephone:	408-293-4717
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190709
Handler Name: GARRETT REASE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

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138 **SANTA PALMIA** **CUPA Listings** **S109927481**
WNW **150 PALM VALLEY BL** **HAZMAT** **N/A**
1/8-1/4 **SAN JOSE, CA 95123** **CERS**
0.245 mi.
1292 ft.

Relative:
Lower

Actual:
186 ft.

CUPA SANTA CLARA:

Name:	SANTA PALMIA
Address:	150 PALM VALLEY BL
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4083650871
UDF Email:	Not reported
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM

SANTA PALMIA (Continued) **S109927481**

Latitude: 37.241078
Longitude: -121.807803
Record ID: PR0410036
Facility ID: FA0271485

SAN JOSE HAZMAT:
Name: SANTA PALMIA
Address: 150 PALM VALLEY BL
City,State,Zip: SAN JOSE, CA 95123
Region: SAN JOSE
File Num: 602974
Class: Auto Wrecking/Misc Simple Facility

CERS:
Name: SANTA PALMIA
Address: 150 PALM VALLEY BL
City,State,Zip: SAN JOSE, CA 95123
Site ID: 151038
CERS ID: 10346053
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 151038
Site Name: SANTA PALMIA
Violation Date: 10-21-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 11/24/2021. The business was not able to provide HMBP training logs for any of the employees. The Assistant Manager was unable to locate the training logs in her "Emergency Binders" An HMBP training log template was provided during the inspection. Retain a copy of the HMBP training document onsite for 3 years for your records.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151038
Site Name: SANTA PALMIA
Violation Date: 10-21-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/28/2021. The facility failed to include the following items on their most current CERS site map: - Emergency shut-off systems such as gas, water, and electricity. - Storm drains and sewer drains.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151038

SANTA PALMIA (Continued) **S109927481**

Site Name:	SANTA PALMIA
Violation Date:	10-21-2021
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 12/28/2021. The facility failed to submit their HMBP in 2020 on CERS. HMBP was last on 8-24-2019 and 7-23-2021. A complete HMBP must be submitted at least every 12 months on CERS.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	151038
Site Name:	SANTA PALMIA
Violation Date:	12-06-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 11/24/2021. The last time a copy of the Hazardous Materials Business Plan (HMBP) was submitted electronically was done on 8/9/2016. An annual certification has not be done at this site. Upload a revised copy of the HMBP to include the following changes; 1) Change of business owner to; ESSEX, as of January 4th 2017. 2) Primary Emergency Contact. Remove Kevin Haze as he is no longer with the company. Add the new emergency contact.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	151038
Site Name:	SANTA PALMIA
Violation Date:	10-21-2021
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 11/24/2021. The facility failed to disclose the contact information for Region Water Quality Control Board (RWQCB) on their latest Emergency Response Plan. The phone number for RWQCB is 510 622-2300.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	151038
Site Name:	SANTA PALMIA
Violation Date:	12-06-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

SANTA PALMIA (Continued) **S109927481**

Violation Notes:	Returned to compliance on 11/24/2021. Employee training as it pertains to the hazardous materials business plan is currently not being documented. According to Ms. Acosta this training is provided during Safety Meetings however no records were available to show this training for all of the employees responsible for the chemical pump rooms. Begin documenting this training and have readily available during an inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	151038
Site Name:	SANTA PALMIA
Violation Date:	12-06-2017
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 11/24/2021. The following emergency equipment were not available at the time of this inspection: 1) Eye wash inside the spa room in the garage. 2) Spill control equipment. Provide the above equipment in all the areas where hazardous materials are stored. Additionally make sure that copy of the evacuation map is posted in the pump room.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	151038
Site Name:	SANTA PALMIA
Violation Date:	12-06-2017
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 11/24/2021. A copy of the HMBP was not readily available at the time of this inspection. Make sure that an updated copy of the HMBP is available for review during and inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	151038
Site Name:	SANTA PALMIA
Violation Date:	12-06-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 11/24/2021. The facility failed to amend the HMBP for the changes below; 1) Change of business owner to; ESSEX, as

SANTA PALMIA (Continued) **S109927481**

of January 4th 2017. 2) Primary Emergency Contact. Remove Kevin Haze as he is no longer with the company. Add the new emergency contact. Provide a current copy of the HMBP electronically via CERS immediately.

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility walk-through took place with Arthur. The most current copy of the HMBP currently found on CERS was on; 08/09/2016. This was reviewed during this inspection. This facility uses the company; Pete's Reliable Pool as the maintenance company to provide service to the pools and spas.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An onsite routine Hazardous Material Business Plan inspection was conducted on 10-21-2021. This facility is an apartment complex. The facility's Hazardous Material Business Plan was last submitted to CERS on 7-23-21. CERS ID: 10346053. The facility and property owner are the same and exempt from written property owner notification. The following hazardous materials were observed at or above HMBP state reportable thresholds. Chlorine for the pool and Spa. 200 gallons; 2x 55 gallon plastic drums, 3x 30 gallon plastic drum. Sovann Uch, REHS Hazardous Materials Specialist Office: (408) 918-1965 | Email: sovann.uch@cep.sccgov.org
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: SANTA PALMIA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 365-0871,

Affiliation Type Desc: Document Preparer
Entity Name: Jennifer Holder
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

SANTA PALMIA (Continued) **S109927481**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	HERMAN PEREZ
Entity Title:	Not reported
Affiliation Address:	150 PALM VALLEY BL
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95123
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	150 PALM VALLEY BL
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95123
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Essex Property Trust
Entity Title:	Not reported
Affiliation Address:	6601 CENTER DR STE 600
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94403
Affiliation Phone:	(650) 665-7800,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jennifer Holder
Entity Title:	Sr. Assistant Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	SANTA PALMIA

SANTA PALMIA (Continued) **S109927481**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

W139 **PG E EDENVALE SERVICE CENTER** **LUST** **1000137202**
ESE **6402 SANTA TERESA BLVD** **CPS-SLIC** **N/A**
1/4-1/2 **SAN JOSE, CA 95119** **HIST LUST**
0.353 mi. **Cortese**
1864 ft. **Site 1 of 4 in cluster W**

Relative:
Higher

Actual:
197 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 08S2E18G02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 11/29/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SLIC REG 2:
Region: 2
Facility ID: 43S0804
Facility Status: Preliminary site assessment workplan submitted
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 12/8/1989
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
Name: PG&E ESC-Site 2
Address: 6402 Santa Teresa Blvd
City: San Jose
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 08S2E18G02
Oversite Agency: SCVWD

PG E EDENVALE SERVICE CENTER (Continued) **1000137202**

Date Listed: 1991-03-25 00:00:00
Closed Date: 1992-01-17 00:00:00

CORTESE:

Name:	PG&E ESC-SITE 2
Address:	6402 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95123
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608501054
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

W140 **P G & E (EDENVALE SERVICE CTR)** **HIST LUST** **S103881394**
ESE **6402 SANTA TERESA BLVD** **N/A**
1/4-1/2 **SAN JOSE, CA**
0.353 mi.
1864 ft. **Site 2 of 4 in cluster W**

Relative:
Higher

Actual:
197 ft.

HIST LUST SANTA CLARA:

Name:	P G & E (Edenvale Service Ctr)
Address:	6402 Santa Teresa Blvd
City:	San Jose
Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	08S2E18G01
Oversite Agency:	SFRWQCB
Date Listed:	1988-01-01 00:00:00
Closed Date:	1992-01-17 00:00:00

W141 **PG&E ESC-SITE 2** **UST FINDER RELEASE** **1029091118**
ESE **6402 SANTA TERESA BLVD** **N/A**
1/4-1/2 **SAN JOSE, CA 95123**
0.353 mi.
1864 ft. **Site 3 of 4 in cluster W**

Relative:
Higher

Actual:
197 ft.

UST FINDER RELEASE:

Object ID:	47851
Facility ID:	Not reported
Lust ID:	CAT0608501054
Name:	PG&E ESC-SITE 2
Address:	6402 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95123
Address Match Type:	StreetAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1295
Domestic Wells within 1500ft:	1
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA4310022_24200
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500030302
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.7929
Y Coord:	37.23648
Latitude:	37.23648
Longitude:	-121.7929

W142 **PG&E ESC-SITE 2** **LUST** **S103667866**
ESE **6402 SANTA TERESA BLVD** **CUPA Listings** **N/A**
1/4-1/2 **SAN JOSE, CA 95123** **HIST CORTESE**
0.353 mi. **HWTS**
1864 ft. **Site 4 of 4 in cluster W** **HAZNET**
CERS

Relative:
Higher

Actual:
197 ft.

LUST:

Name:	PG&E ESC-SITE 2
Address:	6402 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95123
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501054
Global Id:	T0608501054
Latitude:	37.232943

PG&E ESC-SITE 2 (Continued) **S103667866**

Longitude:	-121.785885
Status:	Completed - Case Closed
Status Date:	01/17/1992
Case Worker:	DEH
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Digitized From APN (Acessor Parcel Maps)
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	11/29/1990
Leak Reported Date:	12/05/1990
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/17/1992
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	31-35%
CA Enviroscreen 4 Score:	40-45%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608501054
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DEH CASEWORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	smp@deh.sccgov.org
Phone Number:	4089183400

Global Id:	T0608501054
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608501054
Action Type:	RESPONSE
Date:	04/04/2003
Action:	Other Report / Document

PG&E ESC-SITE 2 (Continued) **S103667866**

Global Id: T0608501054
Action Type: Other
Date: 12/05/1990
Action: Leak Reported

Global Id: T0608501054
Action Type: ENFORCEMENT
Date: 01/17/1992
Action: Closure/No Further Action Letter

Global Id: T0608501054
Action Type: ENFORCEMENT
Date: 09/26/1991
Action: Notice of Responsibility - #39262

LUST:
Global Id: T0608501054
Status: Open - Case Begin Date
Status Date: 11/29/1990

Global Id: T0608501054
Status: Open - Site Assessment
Status Date: 11/29/1990

Global Id: T0608501054
Status: Completed - Case Closed
Status Date: 01/17/1992

LUST SANTA CLARA:
Name: P G & E (EDENVALE SERVICE CTR)
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18G01F
Date Closed: 01/17/1992
EDR Link ID: 08S2E18G01F

Name: PG&E ESC-SITE 2
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18G02F
Date Closed: 01/17/1992
EDR Link ID: 08S2E18G02F

CUPA SANTA CLARA:
Name: PG&E-EDENVALE SERVICE CENTER
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95138
Region: SANTA CLARA
Telephone: 4082827364
UDF Email: hazmat@pge.com
PE#: LQ07
Program Description: GENERATES 25 TO <50 TONS/YR (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

PG&E ESC-SITE 2 (Continued) **S103667866**

Latitude:	37.236514
Longitude:	-121.793022
Record ID:	PR0312798
Facility ID:	FA0210480
Name:	PG&E-EDENVALE SERVICE CENTER
Address:	6402 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95138
Region:	SANTA CLARA
Telephone:	4082827364
UDF Email:	hazmat@pge.com
PE#:	BP09
Program Description:	HMBP FAC, $152 FOR EACH ADDITIONAL 6 CHEMS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.236514
Longitude:	-121.793022
Record ID:	PR0402183
Facility ID:	FA0210480
Name:	PG&E-EDENVALE SERVICE CENTER
Address:	6402 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95138
Region:	SANTA CLARA
Telephone:	4082827364
UDF Email:	hazmat@pge.com
PE#:	2011
Program Description:	APSA FACILITY-SPCC TEMPLATE (<10,000 GAL CAP)
Program Identifier:	DEH PERMIT-ABOVEGROUND PETROLEUM STORAGE ACT PROGRAM
Latitude:	37.236514
Longitude:	-121.793022
Record ID:	PR0399699
Facility ID:	FA0210480
Name:	PG&E-EDENVALE SERVICE CENTER
Address:	6402 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95138
Region:	SANTA CLARA
Telephone:	4082827364
UDF Email:	hazmat@pge.com
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.236514
Longitude:	-121.793022
Record ID:	PR0398135
Facility ID:	FA0210480
Name:	PG&E-EDENVALE SERVICE CENTER
Address:	6402 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95138
Region:	SANTA CLARA
Telephone:	4082827364
UDF Email:	hazmat@pge.com
PE#:	BP06
Program Description:	HMBP FACILITY, 22+ CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.236514

PG&E ESC-SITE 2 (Continued) **S103667866**

Longitude: -121.793022
Record ID: PR0397850
Facility ID: FA0210480

Name: PG&E- SANTA TERESA SUBSTATION
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: Not reported
UDF Email: hazmat@pge.com
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.23814801
Longitude: -121.79206099
Record ID: PR0444818
Facility ID: FA0302684

HIST CORTESE:
edr_fname: PG & E ESC SITE 2
edr_fadd1: 6402 SANTA TERESA
City,State,Zip: SAN JOSE, CA 95119
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1060

HWTS:
Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC
Address: 6402 SANTA TERESA BLVD
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC002868963
Inactive Date: 10/13/2016
Create Date: 07/13/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1010 COMMERCIAL ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 95112
Owner Name: CLEAN HARBORS, INC
Owner Address: 42 LONGWATER DR
Owner Address 2: Not reported
Owner City,State,Zip: NORWELL, MA 2061
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: MARIBEL ALEMAN-CORTES
Contact Address: 1010 COMMERCIAL ST
Contact Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95112
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: -90

PG&E ESC-SITE 2 (Continued) **S103667866**

Longitude: 180

HAZNET:
Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC
Address: 6402 SANTA TERESA BLVD
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
Contact: MARIBEL ALEMAN-CORTES
Telephone: 4084515079
Mailing Name: Not reported
Mailing Address: 1010 COMMERCIAL ST

Year: 2016
Gepaid: CAC002868963
TSD EPA ID: CAD059494310
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.21

CERS:
Name: SANTA TERESA SUBSTATION
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 596107
CERS ID: 10882591
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 596107
Facility Name: Santa Teresa Substation
Env Int Type Code: HMBP
Program ID: 10882591
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.238860
Longitude: -121.792100

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: David Hendricks, PG&E
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

PG&E ESC-SITE 2 (Continued) **S103667866**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Larry Jeffris
Entity Title:	Senior Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Pacific Gas & Electric Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(415) 244-5426,
Affiliation Type Desc:	Environmental Contact
Entity Name:	David Hendricks
Entity Title:	Not reported
Affiliation Address:	111 Almaden Blvd.
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95113
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 7640
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94120
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Pacific Gas & Electric Company
Entity Title:	Not reported
Affiliation Address:	c/o Environmental Services, 3401 Crow Canyon Road
Affiliation City:	San Ramon
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(415) 973-7000,
Affiliation Type Desc:	Legal Owner
Entity Name:	Pacific Gas & Electric Company
Entity Title:	Not reported

PG&E ESC-SITE 2 (Continued) **S103667866**

Affiliation Address: PO Box 7640
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94120
Affiliation Phone: (415) 973-7000,

Affiliation Type Desc: Parent Corporation
Entity Name: PG&E
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: PG&E ESC-SITE 2
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95123
Site ID: 675632
CERS ID: T0608501054
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400,

X143 **VOGUE CLEANERS** **CPS-SLIC S109349271**
NNW **5732 COTTLE ROAD** **CERS N/A**
1/4-1/2 **SAN JOSE, CA 95123**
0.383 mi.
2020 ft. **Site 1 of 3 in cluster X**

Relative: CPS-SLIC:
Lower
Actual: Name: VOGUE CLEANERS
190 ft. Address: 5732 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Region: STATE

VOGUE CLEANERS (Continued) **S109349271**

Facility Status:	**Completed - Case Closed**
Status Date:	01/07/2003
Global Id:	T10000000610
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.2515611
Longitude:	-121.803917
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43S1000
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/07/2003
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/07/2003
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The site is a dry cleaner business. Low levels of PCE (10-47 ug/kg) were found in soil. PCE was found at a very low level (<1 ug/l) in groundwater.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	VOGUE CLEANERS
Address:	5732 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	696234
CERS ID:	T10000000610
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported

VOGUE CLEANERS (Continued) **S109349271**

Affiliation Zip: Not reported
Affiliation Phone: ,

X144 **INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM)** **CPS-SLIC** **S100833466**
NNW **5600 COTTLE ROAD** **CHMIRS** **N/A**
1/4-1/2 **SAN JOSE, CA 95153** **CA BOND EXP. PLAN**
0.399 mi. **EMI**
2108 ft. **Site 2 of 3 in cluster X** **CERS**

Relative:
Lower

Actual:
190 ft.

SLIC REG 2:
Region: 2
Facility ID: 43S0056
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CHMIRS:
Name: Not reported
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
OES Incident Number: 784
OES notification: Not reported
OES Date: 4/17/1994
OES Time: 11:03:51 AM
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	storm drain
Spill Site:	Not reported
Cleanup By:	IT Corporation
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	ibm
Incident Date:	4/17/94 0930
Admin Agency:	Not reported
Amount:	100 gal +/-
Contained:	YES
Site Type:	IND PLT
E Date:	Not reported
Substance:	diesel
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	overfilling of roof tank during test

CA BOND EXP. PLAN:

Reponsible Party:	RWQCB REFERRAL SITE
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	IBM Corporation, the responsible party, is conducting remedial activities under the direction of the RWQCB. The RWQCB will continue to have lead responsibility for monitoring IBM's progress under an existing agreement between the RWQCB, EPA and DHS.The RWQCB is conducting the work with support from the EPA through a cooperative agreement. Until such time as the RWQCB refers the site to DHS for follow-up using Bond funds, no money will be budgeted from the fund for this site. The DHS regional facilities permitting unit is maintaining liaison with the RWQCB and EPA.
Site Description:	IBM has been operating an electronics manufacturing plant at this site since 1956. It is located approximately seven miles southeast of the central business district of San Jose and encompasses about 550 acres. The facility includes 45 buildings. Chemicals used in the manufacturing process and wastes generated as

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

a result of this process are handled and stored onsite. Surrounding land use is primarily agricultural and residential.

Hazardous Waste Desc: In 1980, soil and ground water contamination was discovered at the site. Leaking underground storage tanks are suspected of having caused the contamination. The types of contaminants which have been detected. include: 1,1,1-trichloroethane (1,1,1-TCA), 1,2,2-trifluoroethane (Freon 113) and acetone. In addition to the primary contaminants, isopropyl alcohol, trichloroethylene (TCE), xylene, kerosene, isophorone, 1,1-dichloroethylene (1,1-DCE), ethyl amyl ketone and methylene chloride have been detected within the limits of the waste plume from this site. Low levels of DCE and 1,1,1-TCA have also been detected in a nearby creek known as Canoas Creek. A ground water contaminant plume approximately 3 miles in length has migrated offsite in a notected within the limits of the waste plume from this site. Low levels of DCE and 1,1,1-TCA have also been detected in a nearby creek known as Canoas Creek. A ground water contaminant plume approximately 3 miles in length has migrated offsite in a no

Threat To Public Health & Env: There are five aquifers near the site that are contaminated or threatened by the contamination. These aquifers are designated from shallowest to deepest: A, B, C, D, and E. Aquifers A, B and C have been contaminated downgradient of the site. Ground water in the area is the sole source of drinking water supply for a population in excess of 65,000. Eight private wells and 3 public wells owned by the Great Oaks Water Company have been contaminated. The San Jose Water Company owns a well which is located about 1.3 miles from the site.

Site Activity Status: Since the discovery of contamination in 1980, IBM has been undertaking remedial actions under the direction of the RWQCB. Approximately 23,000 cubic yards of contaminated soils have been removed from the site. Underground tanks have been replaced with above-ground tanks, and more than 350 ground water monitoring wells and 26 onsite and 4 offsite extraction wells have been installed. IBM has installed and is operating three systems of extraction wells to control the ground water contaminant plume. An excess of approximately 8.8 million gallons of untreated ground water is pumped and discharged into Canoas Creek daily. IBM recently submitted a draft RAP outlining the long term remedial measures which will be employed at the site.

EMI:

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1987
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3573
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	57
Reactive Organic Gases Tons/Yr:	34
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	33
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

City,State,Zip:	SAN JOSE, CA
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	99
Reactive Organic Gases Tons/Yr:	71
Carbon Monoxide Emissions Tons/Yr:	11
NOX - Oxides of Nitrogen Tons/Yr:	51
SOX - Oxides of Sulphur Tons/Yr:	3
Particulate Matter Tons/Yr:	29
Part. Matter 10 Micrometers and Smllr Tons/Yr:	26

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1993
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3573
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	36
Reactive Organic Gases Tons/Yr:	18
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	32
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	35
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	17
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	30
Reactive Organic Gases Tons/Yr:	15
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	57
Reactive Organic Gases Tons/Yr:	33
Carbon Monoxide Emissions Tons/Yr:	5
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	5

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 1999
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 14
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 9
SOX - Oxides of Sulphur Tons/Yr: 5
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2000
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 14
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 9
SOX - Oxides of Sulphur Tons/Yr: 5
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: MARIANA HDD (US), INC
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2001
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 31
Reactive Organic Gases Tons/Yr: 22

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Carbon Monoxide Emissions Tons/Yr:	17
NOX - Oxides of Nitrogen Tons/Yr:	13
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	HITACHI GLOBAL STORAGE TECHNOL
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	31
Reactive Organic Gases Tons/Yr:	23
Carbon Monoxide Emissions Tons/Yr:	17
NOX - Oxides of Nitrogen Tons/Yr:	13
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	14919
Air District Name:	BA
SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HITACHI GLOBAL STORAGE TECHNOL
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	32
Reactive Organic Gases Tons/Yr:	24
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	HITACHI GLOBAL STORAGE TECHNOL
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	37.22
Reactive Organic Gases Tons/Yr:	27.1349058
Carbon Monoxide Emissions Tons/Yr:	9.721
NOX - Oxides of Nitrogen Tons/Yr:	14.914
SOX - Oxides of Sulphur Tons/Yr:	0.325
Particulate Matter Tons/Yr:	1.692
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.659314

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	14919
Air District Name:	BA
SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.878
Reactive Organic Gases Tons/Yr:	0.758668
Carbon Monoxide Emissions Tons/Yr:	0.014
NOX - Oxides of Nitrogen Tons/Yr:	0.06
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.004
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.003904

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	14919
Air District Name:	BA

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

SIC Code: 3571
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .849
Reactive Organic Gases Tons/Yr: .736952
Carbon Monoxide Emissions Tons/Yr: .001
NOX - Oxides of Nitrogen Tons/Yr: .006
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: HITACHI GLOBAL STORAGE TECHNOL
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2005
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 27.809
Reactive Organic Gases Tons/Yr: 16.7545591
Carbon Monoxide Emissions Tons/Yr: 5.343
NOX - Oxides of Nitrogen Tons/Yr: 9.184
SOX - Oxides of Sulphur Tons/Yr: .256
Particulate Matter Tons/Yr: 1.212
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.181564

Name: HITACHI GLOBAL STORAGE TECHNOL
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 27.81
Reactive Organic Gases Tons/Yr: 16.7555591
Carbon Monoxide Emissions Tons/Yr: 5.343
NOX - Oxides of Nitrogen Tons/Yr: 9.184
SOX - Oxides of Sulphur Tons/Yr: .256
Particulate Matter Tons/Yr: 1.212
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.181564

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2006
County Code: 43

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Air Basin:	SF
Facility ID:	14919
Air District Name:	BA
SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.365
Reactive Organic Gases Tons/Yr:	.244552
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2007
County Code:	43
Air Basin:	SF
Facility ID:	14919
Air District Name:	BA
SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.26
Reactive Organic Gases Tons/Yr:	.171199
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HITACHI GLOBAL STORAGE TECHNOL
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95240
Year:	2007
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15.549
Reactive Organic Gases Tons/Yr:	9.9964703
Carbon Monoxide Emissions Tons/Yr:	3.577
NOX - Oxides of Nitrogen Tons/Yr:	7.793
SOX - Oxides of Sulphur Tons/Yr:	.2
Particulate Matter Tons/Yr:	.902
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.885551

Name:	DREWELOW REMEDIATION EQUIPMENT
Address:	5600 COTTLE ROAD

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

City,State,Zip:	SAN JOSE, CA
Year:	2007
County Code:	43
Air Basin:	SF
Facility ID:	18535
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.008
Reactive Organic Gases Tons/Yr:	.0055888
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DREWELOW REMEDIATION EQUIPMENT
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95193
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	18535
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.008
Reactive Organic Gases Tons/Yr:	.0055888
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DREWELOW REMEDIATION EQUIPMENT
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95193
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	18535
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.0000000000000002E-3
Reactive Organic Gases Tons/Yr:	5.5887999999999997E-3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

CERS:
Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 951930000
Site ID: 607943
CERS ID: 80001517
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Rizgar Ghazi
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: DREWELOW REMEDIATION EQUIPMENT
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95193
Site ID: 465141
CERS ID: 110054306498
CERS Description: US EPA Air Emission Inventory System (EIS)

X145 **IBM-5600 COTTLE ROAD** **ENVIROSTOR** **S101482328**
NNW **5600 COTTLE** **CPS-SLIC** **N/A**
1/4-1/2 **SAN JOSE, CA 95193** **DEED**
0.399 mi. **Cortese**
2108 ft. **Site 3 of 3 in cluster X** **ENF**
HIST CORTESE
Relative: Lower **WDS**
CIWQS
Actual: 190 ft. **CERS**
NON-CASE INFO

ENVIROSTOR:
Name: INTERNATIONAL BUSINESS MACHINES CORP
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Facility ID: 43350084
Status: Refer: RWQCB
Status Date: 06/08/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: * Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 15
Special Program: EPA - PASI

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.24987
Longitude: -121.8017
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * CONTAMINATED SOIL
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: IBM CORPORATION
Alias Type: Alternate Name
Alias Name: CAD990843989
Alias Type: EPA Identification Number
Alias Name: 110000484770
Alias Type: EPA (FRS #)
Alias Name: 43350084
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/24/2002
Comments: Referred to RWQCB who is already active on the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: IBM CORP.
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95193
Facility ID: 71003199
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Latitude: 37.24287
Longitude: -121.7960
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD990843989
Alias Type: EPA Identification Number
Alias Name: 110000484770
Alias Type: EPA (FRS #)
Alias Name: 71003199
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 951930000
Facility ID: 80001517
Status: Refer: RWQCB
Status Date: 01/01/2008
Site Code: 200051
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: * Rizgar Ghazi
Division Branch: Engineering & Special Projects
Assembly: 25
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.24793
Longitude: -121.7920
APN: 706-08-004
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 706-08-004
Alias Type: APN
Alias Name: CAD990843989
Alias Type: EPA Identification Number
Alias Name: 110000484770
Alias Type: EPA (FRS #)
Alias Name: 200051
Alias Type: Project Code (Site Code)
Alias Name: 43350084
Alias Type: Envirostor ID Number
Alias Name: 80001517
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 12/18/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 11/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 07/17/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/28/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 02/28/1992
Comments: RFA dated 12/1991.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 07/25/1994
Comments: Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 07/17/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/31/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 12/31/1985
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 12/31/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 01/01/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measure Implementation Workplan

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 12/01/1991
Comments: 46 SWMUs were identified and all of them were deemed in need of further action

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:
Name: INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Region: STATE
Facility Status: **Open - Eligible for Closure**
Status Date: 11/02/2022
Global Id: SL720561211
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.2476181414855
Longitude: -121.795924444397
Case Type: Cleanup Program Site
Case Worker: MJD
Local Agency: Not reported
RB Case Number: 43S0056
File Location: All Files are on GeoTracker or in the Local Agency Warehouse
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Xylene
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Begin Date:	01/01/1980
Leak Reported Date:	01/02/1981
How Discovered:	Site Assessment/Site Investigation, Tank Closure
How Discovered Description:	site investigations
Discharge Source:	Piping, Tank
Discharge Cause:	Corrosion, Other
Stop Method:	Close and Remove Tank, Remove Contents
Stop Description:	Removed USTs
No Further Action Date:	Not reported
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Regional Water Board has regulated the site since the 1980s by Order No. R2-2002-0082 and amended Order R2-2007-0004 dated January 23, 2007 (Order). We have been overseeing soil and groundwater investigation and cleanup activities at this site since 1980. Department of Toxics Substances Control oversee the investigation and cleanup for the Redevelopment Property. Parts of site have been redeveloped as commercial and residential use. Background Beginning in 1955, IBM constructed the facility on land previously used for agricultural purposes. IBM operated the facility for the development and manufacture of disk drives and related computer equipment until 2002. In 2002/2003, IBM sold the majority of the property and its manufacturing processes to Hitachi Global Storage Technologies, Inc. (Hitachi), a subsidiary of Western Digital Corporation. In 2008 IBM sold a small portion of the property to Lowe s (Parcel A). After 2006 Hitachi sold a portion of the property to various commercial and residential developers, and redeveloped it for a mixed residential / commercial use (Redevelopment Area). DTSC oversaw the Redevelopment Area and records are stored on DTSC's EnviroStor database under #80001772. During its ownership of the property, IBM used certain organic chemicals known as volatile organic compounds (VOCs) in its manufacturing operations. As of April 2012, Hitachi changes its name to HGST, Inc. Despite sale of the properties, IBM continues to be responsible for groundwater and soil cleanup of the site. The SREE evaluates remedial measures implemented over the years. Site Investigation In 1980, certain organic chemicals were detected in soil adjacent to an underground storage tank farm. Subsequent investigations identified the presence of these organic chemicals in groundwater beneath and down-gradient from the Site and in soil beneath and adjacent to other chemical storage areas. As a result of these discoveries, more than 1,000 soil borings and over 350 monitoring wells were installed on Site and off Site to define the complete extent of the chemicals detected and to plan for cleanup of the soil and groundwater. The four most widely distributed chemicals detected in the groundwater are Freon 113, TCA, TCE, and 1,1-dichloroethene (1,1-DCE). In 1988, a risk assessment was performed to determine the risks posed by the identified chemicals to human health. The risk assessment concluded that the primary exposure route was, and remains, through the ingestion of groundwater containing chemicals. The groundwater currently used as a source of drinking water does not contain any chemicals above drinking water

IBM-5600 COTTLE ROAD (Continued) **S101482328**

standards. Onsite, shallow groundwater exceeds current cleanup standards in some locations although this shallow groundwater is not used for drinking water. Based on the March 2017 Second Semi-Annual/Annual Pilot Curtailment Test Monitoring Report (aka groundwater monitoring report), offsite, shallow groundwater (A-aquifer) is only affected near Cottle Road between the Public Storage and Lowe's businesses. Great Oakes Water Company supplies drinking water to the Site vicinity. Summary of Cleanup Activity Between 1981 and 1987, IBM removed 65 underground storage tanks. Tanks that were still required to support site operations were replaced with aboveground storage tanks and provided with appropriate secondary containment. Prior to 1988, IBM removed more than 23,000 cubic yards of soil containing chemicals from various onsite areas. The excavated soil was disposed offsite at permitted Class I disposal facilities. Soil cleanup criteria for the Site have been met through the use of soil excavation and soil vapor extraction and further soil cleanup is not currently required. Groundwater cleanup actions including both onsite and offsite extraction wells have operated since 1982. The onsite extraction wells controlled migration of chemicals to the offsite area as well as to cleanup onsite groundwater. Offsite extraction wells controlled further down-gradient migration of chemical-containing groundwater as well as cleanup offsite groundwater. Groundwater extracted for cleanup onsite and offsite was treated using an air stripper and the treated discharge was used for onsite landscape irrigation, was re-injected into the onsite aquifer system, or may be discharged to Canoas Creek pursuant to a permit issued by the Regional Water Board. In addition, between 2006 and 2002, IBM implemented various in-situ bro-remediation technologies at various former sources areas at the Site for treating VOC-impacted groundwater. In 2013, IBM submitted its 25-Year Status Report and Effectiveness Evaluation (SREE) for the former IBM facility at 5600 Cottle Road in south San Jose to the Regional Water Board. The Regional Water Board directed IBM to continue its groundwater cleanup program to address the remaining chemical-bearing groundwater located on Site and to continue to control the migration of chemical-bearing groundwater from the Site to offsite areas and to meet cleanup standards for this site. On January 5, 2016, remediation activities and active groundwater pumping were ceased as part of the December 4, 2015 Proposal for Pilot Curtailment Test (PCT) which was approved by the Regional Water Board on December 8, 2015. The groundwater extraction treatment system (GWETS) was shut down in January 2016. The Regional Water Board approved the March 5, 2018, Pilot Curtailment Test (PCT) Implementation and Data Evaluation Report on May 21, 2018. The GWETS will continue pilot test shut-down and monitor monitored natural attenuation (MNA). Continue groundwater monitoring per Order's self-monitoring program during second and fourth quarter of each year and submit reports August 29 and March 1 of each year. Current Status IBM will continue to submit groundwater monitoring reports by August 29 and March 1 of each year.

Click here to access the California GeoTracker records for this facility:

DEED:
Name: INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Envirostor ID: SL720561211
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - ELIGIBLE FOR CLOSURE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 09/14/2004
File Name: Geotracker Land Use/Deed Restrictions

Name: INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: SL720561211
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - ELIGIBLE FOR CLOSURE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/13/2004
File Name: Geotracker Land Use/Deed Restrictions

Name: SHEA PROPERTIES LOT 8
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: T10000004324
Area: Not reported
Sub Area: Not reported
Site Type: NONCLEANUP
Status: Not reported
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/13/2004
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:
Name: IBM-5600 COTTLE ROAD
Address: 5600 COTTLE
City,State,Zip: SAN JOSE, CA 95193
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders
Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232164
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	247845
Region:	2
Order / Resolution Number:	R2-2002-0082
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	08/20/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438031N03
Description:	Order R2-2002-0082 establishes new Site Cleanup Requirements for groundwater plume. Slight modifications have been made to cleanup standards. Obsolete reporting requirements have been eliminated or replaced.
Program:	ENFCAO

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232165
Agency Name:	International Business Machine (IBM Cotporation)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	2
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438031001
Reg Measure Id:	145743
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-1999-0094
Npdes# CA#:	CA0027961
Major-Minor:	Major
Npdes Type:	FED

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/19/2009
Effective Date:	11/18/1999
Expiration/Review Date:	11/18/2004
Termination Date:	05/31/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	223074
Region:	2
Order / Resolution Number:	86-001
Enforcement Action Type:	Admin Civil Liability
Effective Date:	04/16/1986
Adoption/Issuance Date:	Not reported
Achieve Date:	4/12/1986
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438031001
Description:	DISCHARGE OR 200 GALLONS OF OIL TO SURFACE WATER
Program:	NPDESWW
Latest Milestone Completion Date:	4/12/1986
# Of Programs1:	1
Total Assessment Amount:	40000
Initial Assessed Amount:	0
Liability $ Amount:	40000
Project $ Amount:	0
Liability $ Paid:	40000
Project $ Completed:	0
Total $ Paid/Completed Amount:	40000

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232164
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674

IBM-5600 COTTLE ROAD (Continued) **S101482328**

SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220173
Region:	2
Order / Resolution Number:	88-157
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/19/1988

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438031N03
Description:	SCR-FINAL RAP
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232164
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS

IBM-5600 COTTLE ROAD (Continued) **S101482328**

# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220165
Region:	2
Order / Resolution Number:	88-045
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/16/1988
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438031N03
Description:	SCR-THIS ORDER WAS RESCINDED BY SCR 88-157, OCT. 19,1988 FOR IBM.
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SCR-IBM-5600 COTTLE ROAD
edr_fadd1:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438031N03

WDS:
Name: INT BUSINESS MACHINE
Address: 5600 Cottle Rd
City: SAN JOSE
Facility ID: San Francisco Bay 43I017526
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4082565345
Facility Contact: JIM DUMANOWSKI MS DNV 012 3D08
Agency Name: JIM DUMANOWSKI
Agency Address: 5600 Cottle Rd
Agency City,St,Zip: San Jose 951930001
Agency Contact: JIM DUMANOWSKI MS DNV 0123D08
Agency Telephone: 4082565345
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Name: HITACHI GLOBAL STORAGE TEC INC
Address: 5600 Cottle Rd

IBM-5600 COTTLE ROAD (Continued) **S101482328**

City:	SAN JOSE
Facility ID:	San Francisco Bay 43I017624
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4082565345
Facility Contact:	GREWOHL JOHN
Agency Name:	HITACHI GLOBAL STORAGE TEC INC
Agency Address:	5600 Cottle Rd
Agency City,St,Zip:	San Jose 951930001
Agency Contact:	GREWOHL JOHN
Agency Telephone:	4082565345
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	INT BUSINESS MACHINE
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
Agency:	International Business Machine
Agency Address:	5600 Cottle Rd, San Jose, CA 95193
Place/Project Type:	Industrial - Computer Storage Devices
SIC/NAICS:	3572
Region:	2
Program:	INDSTW

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I017526
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/02/2002
Termination Date:	09/15/2003
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Agency:	International Business Machine (IBM Cotporation)
Agency Address:	5600 Cottle Road, San Jose, CA 95193-0001
Place/Project Type:	Other
SIC/NAICS:	3674
Region:	2
Program:	UNREGS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	WDR
Order Number:	84-090
WDID:	2 438031N03
NPDES Number:	Not reported
Adoption Date:	12/18/1984
Effective Date:	12/18/1984
Termination Date:	Not reported
Expiration/Review Date:	12/18/1987
Design Flow:	0.0001
Major/Minor:	Not reported
Complexity:	A
TTWQ:	1
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Agency:	International Business Machine (IBM Cotporation)
Agency Address:	5600 Cottle Road, San Jose, CA 95193-0001
Place/Project Type:	Other
SIC/NAICS:	3674
Region:	2
Program:	NPDESWW
Regulatory Measure Status:	Historical
Regulatory Measure Type:	NPDES Permit
Order Number:	R2-1999-0094

IBM-5600 COTTLE ROAD (Continued) **S101482328**

WDID:	2 438031001
NPDES Number:	CA0027961
Adoption Date:	11/18/1999
Effective Date:	11/18/1999
Termination Date:	05/31/2007
Expiration/Review Date:	11/18/2004
Design Flow:	2
Major/Minor:	Major
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	661488
CERS ID:	SL720561211
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	EMMA HOFFMAN-DAVIES - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106222313,

NON-CASE INFO:

Name:	SHEA PROPERTIES LOT 8
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Global ID:	T10000004324
Case Type:	Non-Case Information
Status:	Informational Item / Review Complete
Status Date:	01/13/2016
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43S1152
Loc Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Per DTSC's March 4, 2009 letter to the Water Board, DTSC is lead agency for RCRA corrective action under Hitachi Global Storage Technologies, Inc. (GST) ownership and control. DTSC's September 9, 2010 Acknowledgements of Satisfaction letter documents DTSC's satisfactory completion of corrective action completed by Hitachi GST for Parcels 0-1 through 0-5 (Consent Agreement, Docket HWCA:

IBM-5600 COTTLE ROAD (Continued) **S101482328**

P2-05/06-001) and Lot 8 (second Consent Agreement, Docket HWCA: P2-07/08-012). The letter states Hitachi GST is obligated to preserve all records associated with the Consent Agreements for at least six years.

Begin Date:	08/13/2004
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	37.2444220369614
Longitude:	-121.802222728729
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004324
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Leak Reported Date:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)

146
NNE
1/4-1/2
0.410 mi.
2167 ft.

Relative:
Lower

Actual:
191 ft.

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GR
6898 RALEIGH ROAD
SAN JOSE, CA 95123

ENVIROSTOR **S121173383**
VCP **N/A**
CERS HAZ WASTE
CUPA Listings
HWTS
HAZNET
HAZMAT
CERS

ENVIROSTOR:

Name:	COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS
Address:	6898 RALEIGH ROAD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	60002294
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/11/2017
Site Code:	202079
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	15.16
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Nicole Yuen
Supervisor:	Marikka Hughes
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	15
Special Program:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.24505
Longitude: -121.7868
APN: 70608021, 70608023, 70609118, 70654001, 70654002
Past Use: AGRICULTURAL - ORCHARD
Potential COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Dieldrin Endosulfan
Confirmed COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Dieldrin Endosulfan
Potential Description: SOIL
Alias Name: 70608021
Alias Type: APN
Alias Name: 70608023
Alias Type: APN
Alias Name: 70609118
Alias Type: APN
Alias Name: 70654001
Alias Type: APN
Alias Name: 70654002
Alias Type: APN
Alias Name: 202079
Alias Type: Project Code (Site Code)
Alias Name: 60002294
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/03/2016
Comments: Public notice notifying the public of the comment period on the Draft Response Plan. The public notice was published in the El Observador and the San Jose Post-Record newspaper on 8/12/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/04/2016
Comments: The work notice was distributed to the inform the community of the work to take place at the site as part of implementation of the Final Response Plan. The work notice was prepared in English and Spanish sent to individuals and organizations on the mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/09/2016
Comments: Per a phone call with Paolo Dizon from Kleinfelder, the Site environmental consultant, excavation and consolidation of soil within consolidation cell that was done in accordance with the DTSC-approved Response Plan was finished by 12/9/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2018

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate for fiscal year 2021-2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 01/20/2016
Comments: Request for Agency Oversight Application

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2016
Comments: A revised Phase I Environmental Assessment Report that was prepared for the Site was used to meet the requirement under the California Land Reuse and Revitalization Act (CLRRA) for completing an All Appropriate Inquiries report and was used as the basis for DTSC's determination in Section 3.2 of the CLRRA Agreement that the Site is an eligible site under CLRRA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 09/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for the current fiscal year.
Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/04/2016
Comments: A Community Profile was prepared to help determine potential community interest in the investigation and cleanup activities at the site and describes the demographics of the community. This project uses the Community Profile from the adjacent Great Oaks Mixed Use Project site, which has the same owner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/03/2016
Comments: The fact sheet describes the site and the proposed response action and announces the public comment period for the Draft Response Plan. Contact information for the DTSC project manager and public participation specialist are included in the fact sheet should the public have questions or comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/05/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/10/2017
Comments: Because soil with arsenic concentrations above the specified cleanup goals remains in the consolidation cell beneath the warehouse building, a land use covenant between Costco and DTSC was executed that prohibits residences, hospitals, schools for persons under 18 years of age, and day care centers for children, and requires prior DTSC approval of a Soil Management Plan for soil disturbing activities in a limited portion of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/26/2016
Comments: DTSC letter to Santa Clara County, Department of Environmental Health and City of San Jose Department of Environmental Services and Department of Planning providing notification of the California Land Reuse and Revitalization Act Agreement between DTSC and Costco Wholesale Corporation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Completed Date:	01/20/2016
Comments:	Letter sent to project proponent providing notification that DTSC was determined to be the appropriate oversight agency for the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/26/2016
Comments:	DTSC letter with oversight cost estimate for project activities scheduled for fiscal year 2016/2017.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	05/11/2017
Comments:	DTSC determined that all response actions, other than continued monitoring of compliance with the Land Use Covenant restrictions and requirements for a limited portion of the Site, have been satisfactorily completed in accordance with the Response Plan approved by DTSC on September 20, 2016. The Land Use Covenant covers a portion of the Site and prohibits residential use, hospitals, schools for persons under 18 years of age, and day care centers for children. DTSC approval of a Soil Management Plan is required prior to any soil disturbing activities in the restricted area.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	California Land Reuse and Revitalization Agreement
Completed Date:	07/13/2016
Comments:	Costco Wholesale Corporation and DTSC entered into a California Land Reuse and Revitalization Act Agreement
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Responsible Agency Review
Completed Date:	09/21/2016
Comments:	DTSC prepared a Statement of Findings documenting its finding that the proposed response action identified in the Response Plan will not result in significant and unavoidable effects to the environment. DTSC based its finding on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Use Project. DTSC filed a Notice of Determination with the State Clearinghouse after the project was approved on July 14, 2016.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	10/18/2016
Comments:	DTSC approved Kleinfelder's request to use pre-excavation sampling to minimize handling and stockpiling of arsenic-impacted soil during implementation of the response action.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/10/2019
Comments:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/11/2021
Comments:	Annual land use covenant inspection prepared by Kleinfelder on behalf of Costco affirming that none of the restrictions in the land use covenant have been violated.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Name:	COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS
Address:	6898 RALEIGH ROAD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	60002294
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	15.16
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nicole Yuen
Supervisor:	Marikka Hughes
Division Branch:	Cleanup Berkeley
Site Code:	202079
Assembly:	25
Senate:	15
Special Programs Code:	Not reported
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/11/2017
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.24505 / -121.7868
APN:	70608021, 70608023, 70609118, 70654001, 70654002
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	30001, 30005, 30006, 30007, 30008, 30010, 30207, 30261
Confirmed COC:	30001,30005,30006,30007,30008,30010,30207,30261
Potential Description:	SOIL
Alias Name:	70608021
Alias Type:	APN
Alias Name:	70608023
Alias Type:	APN
Alias Name:	70609118
Alias Type:	APN
Alias Name:	70654001
Alias Type:	APN
Alias Name:	70654002

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Alias Type: APN
Alias Name: 202079
Alias Type: Project Code (Site Code)
Alias Name: 60002294
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/03/2016
Comments: Public notice notifying the public of the comment period on the Draft Response Plan. The public notice was published in the El Observador and the San Jose Post-Record newspaper on 8/12/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/04/2016
Comments: The work notice was distributed to the inform the community of the work to take place at the site as part of implementation of the Final Response Plan. The work notice was prepared in English and Spanish sent to individuals and organizations on the mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/09/2016
Comments: Per a phone call with Paolo Dizon from Kleinfelder, the Site environmental consultant, excavation and consolidation of soil within consolidation cell that was done in accordance with the DTSC-approved Response Plan was finished by 12/9/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate for fiscal year 2021-2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 01/20/2016
Comments: Request for Agency Oversight Application

Completed Area Name: PROJECT WIDE

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2016
Comments: A revised Phase I Environmental Assessment Report that was prepared for the Site was used to meet the requirement under the California Land Reuse and Revitalization Act (CLRRA) for completing an All Appropriate Inquiries report and was used as the basis for DTSC's determination in Section 3.2 of the CLRRA Agreement that the Site is an eligible site under CLRRA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 09/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for the current fiscal year.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/04/2016
Comments: A Community Profile was prepared to help determine potential community interest in the investigation and cleanup activities at the site and describes the demographics of the community. This project uses the Community Profile from the adjacent Great Oaks Mixed Use Project site, which has the same owner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/03/2016
Comments: The fact sheet describes the site and the proposed response action and announces the public comment period for the Draft Response Plan. Contact information for the DTSC project manager and public participation specialist are included in the fact sheet should the public have questions or comments.

Completed Area Name: PROJECT WIDE

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/05/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/10/2017
Comments: Because soil with arsenic concentrations above the specified cleanup goals remains in the consolidation cell beneath the warehouse building, a land use covenant between Costco and DTSC was executed that prohibits residences, hospitals, schools for persons under 18 years of age, and day care centers for children, and requires prior DTSC approval of a Soil Management Plan for soil disturbing activities in a limited portion of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/26/2016
Comments: DTSC letter to Santa Clara County, Department of Environmental Health and City of San Jose Department of Environmental Services and Department of Planning providing notification of the California Land Reuse and Revitalization Act Agreement between DTSC and Costco Wholesale Corporation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2016
Comments: Letter sent to project proponent providing notification that DTSC was determined to be the appropriate oversight agency for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for project activities scheduled for fiscal year 2016/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/11/2017
Comments: DTSC determined that all response actions, other than continued monitoring of compliance with the Land Use Covenant restrictions and requirements for a limited portion of the Site, have been satisfactorily completed in accordance with the Response Plan approved by DTSC on September 20, 2016. The Land Use Covenant covers a portion of the Site and prohibits residential use, hospitals,

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

schools for persons under 18 years of age, and day care centers for children. DTSC approval of a Soil Management Plan is required prior to any soil disturbing activities in the restricted area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/13/2016
Comments: Costco Wholesale Corporation and DTSC entered into a California Land Reuse and Revitalization Act Agreement

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 09/21/2016
Comments: DTSC prepared a Statement of Findings documenting its finding that the proposed response action identified in the Response Plan will not result in significant and unavoidable effects to the environment. DTSC based its finding on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Use Project. DTSC filed a Notice of Determination with the State Clearinghouse after the project was approved on July 14, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/18/2016
Comments: DTSC approved Kleinfelder's request to use pre-excavation sampling to minimize handling and stockpiling of arsenic-impacted soil during implementation of the response action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/11/2021
Comments: Annual land use covenant inspection prepared by Kleinfelder on behalf of Costco affirming that none of the restrictions in the land use covenant have been violated.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS HAZ WASTE:
Name: COSTCO WHOLESALE #1267 (WAREHOUSE)

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Address: 6898 RALEIGH RD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 424446
CERS ID: 10731835
CERS Description: Hazardous Waste Generator

CUPA SANTA CLARA:
Name: COSTCO WHOLESALE #1267 (WAREHOUSE)
Address: 6898 RALEIGH RD
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089087929
UDF Email: hcimuchowski@costco.com; brhoten@costco.com
PE#: BP04
Program Description: HMBP FACILITY, 10-15 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.2440666
Longitude: -121.7861892
Record ID: PR0431181
Facility ID: FA0287461

Name: COSTCO WHOLESALE #1267 (WAREHOUSE)
Address: 6898 RALEIGH RD
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089087929
UDF Email: hcimuchowski@costco.com; brhoten@costco.com
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.2440666
Longitude: -121.7861892
Record ID: PR0431182
Facility ID: FA0287461

HWTS:
Name: COSTCO WHOLESALE #1267
Address: 6898 RALEIGH RD
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAR000270421
Inactive Date: Not reported
Create Date: 03/06/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: CARLSBAD, CA 92010
Owner Name: COSTCO WHOLESALE CORPORATION
Owner Address: 999 LAKE DR
Owner Address 2: Not reported
Owner City,State,Zip: ISSAQUAH, WA 980270000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: SHARON SAKNIT
Contact Address: 1045 LAKE DR

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Contact Address 2: Not reported
City,State,Zip: ISSAQUAH, WA 980278101
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 37.243836
Longitude: -121.7852685

NAICS:
EPA ID: CAR000270421
Create Date: 2017-03-06 16:48:43.597
NAICS Code: 45299
NAICS Description: All Other General Merchandise Stores
Issued EPA ID Date: 2017-03-06 16:48:43.49300
Inactive Date: Not reported
Facility Name: COSTCO WHOLESALE #1267
Facility Address: 6898 RALEIGH RD
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 95119

HAZNET:
Name: COSTCO WHOLESALE #1267
Address: 6898 RALEIGH RD
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
Contact: SHARON SAKNIT
Telephone: 4254162334
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: NVT330010000
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.0035

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: IDD073114654
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2455

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: IDD073114654
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.382

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4325

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: IDD073114654
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.005

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: IDD073114654
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.006

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: NVT330010000
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4925

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: CAT080013352
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.95913

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: NVT330010000
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0035

Year: 2021
Gepaid: CAR000270421
TSD EPA ID: NVT330010000
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Tons: 0.0175

Click this hyperlink while viewing on your computer to access
52 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2021
Gen EPA ID:	CAR000270421
Shipment Date:	9/23/2020
Creation Date:	10/9/2020
Receipt Date:	9/30/2020
Manifest ID:	014679612FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/23/2020
Creation Date:	10/19/2020
Receipt Date:	10/1/2020
Manifest ID:	014679613FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	WORLD OIL RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001,D004,D005,
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D018,D035,
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0675
Waste Quantity:	135
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H110 - Not reported
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1105
Waste Quantity:	221
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D007,D010,D011
Meth Code:	H110 - Not reported
Quantity Tons:	0.066
Waste Quantity:	132
Quantity Unit:	P
Additional Code 1:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAR000270421
Shipment Date:	9/23/2020
Creation Date:	10/19/2020
Receipt Date:	10/1/2020
Manifest ID:	014679613FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	WORLD OIL RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Additional Code 5:	Not reported
Shipment Date:	9/23/2020
Creation Date:	10/9/2020
Receipt Date:	9/30/2020
Manifest ID:	014679612FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0675
Waste Quantity:	135
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H110 - Not reported
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

RCRA Code:	D007,D010,D011
Meth Code:	H110 - Not reported
Quantity Tons:	0.066
Waste Quantity:	132
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001,D004,D005,
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1105
Waste Quantity:	221
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	8/21/2020
Creation Date:	12/15/2020
Receipt Date:	9/2/2020
Manifest ID:	021921496JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC SITE B
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D018,D035,
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Shipment Date:	8/21/2020
Receipt Date:	9/2/2020
Manifest Number:	021921496JJK
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	800-451-8346
Transporter 1 EPA ID:	MIK435642742
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	IDD073114654
TSDF Name:	US ECOLOGY IDAHO INC SITE B
TSDF Address 1:	LEMLEY RD
TSDF Address 2:	Not reported
TSDF City:	GRAND VIEW
TSDF Zip:	83624
TSDF Telephone:	800-839-3975

Federal:

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D004

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D005

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D022

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type:	Pounds
Federal Code:	D024
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D026
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U010
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U015
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U059
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U122
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U129
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U151

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U187

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U188

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U201

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U205

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type:	Pounds
Federal Code:	U206
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	2
Method Code:	H132
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	3
Method Code:	H110
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	4
Method Code:	H110
Quantity Tons:	0.06600
Quantity Waste:	132.000000

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	4
Method Code:	H110
Quantity Tons:	0.06600
Quantity Waste:	132.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	4
Method Code:	H110
Quantity Tons:	0.06600
Quantity Waste:	132.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	8

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U159
Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U220

State:

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	2
Method Code:	H132
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	791

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	3
Method Code:	H110
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	4
Method Code:	H110
Quantity Tons:	0.06600
Quantity Waste:	132.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	5
Method Code:	H132
Quantity Tons:	0.11050
Quantity Waste:	221.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	6
Method Code:	H132
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	7
Method Code:	H132
Quantity Tons:	0.00600
Quantity Waste:	12.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Cylinders
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	9bae4536-07ca-4399-bab1-29e5393112e0
Generator EPA ID:	CAR000270421
Shipment Date:	2020-08-21
Manifest Number:	021921496JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type:	Pounds
State Code:	331
Year:	2020
EM Manifest ID:	ff104f2a-9722-452c-894e-71dd1a0cfc2b
Shipment Date:	6/6/2020
Receipt Date:	6/17/2020
Manifest Number:	013976296JJK
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-556-9090
Contact:	ROSE THOMPSON
Contact Telephone:	425-313-6674
Transporter 1 EPA ID:	CAD980737068
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000183152
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD028409019
TSDF Name:	CROSBY & OVERTON
TSDF Address 1:	W. 17TH STREET
TSDF Address 2:	Not reported
TSDF City:	LONG BEACH
TSDF Zip:	90813-0000
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	ff104f2a-9722-452c-894e-71dd1a0cfc2b
Generator EPA ID:	CAR000270421
Shipment Date:	2020-06-06
Manifest Number:	013976296JJK
Line Number:	1
Method Code:	H061
Quantity Tons:	0.52500
Quantity Waste:	1050.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	ff104f2a-9722-452c-894e-71dd1a0cfc2b
Generator EPA ID:	CAR000270421
Shipment Date:	2020-06-06
Manifest Number:	013976296JJK
Line Number:	1
Method Code:	H061
Quantity Tons:	0.52500
Quantity Waste:	1050.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Metal drums, barrels, kegs

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type: Pounds
Federal Code: D018

Year: 2020
EM Manifest ID: ff104f2a-9722-452c-894e-71dd1a0cfc2b
Generator EPA ID: CAR000270421
Shipment Date: 2020-06-06
Manifest Number: 013976296JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.07500
Quantity Waste: 150.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D018

State:
Year: 2020
EM Manifest ID: ff104f2a-9722-452c-894e-71dd1a0cfc2b
Generator EPA ID: CAR000270421
Shipment Date: 2020-06-06
Manifest Number: 013976296JJK
Line Number: 1
Method Code: H061
Quantity Tons: 0.52500
Quantity Waste: 1050.000000
Quantity Unit: P
Number of Containers: 5
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2020
EM Manifest ID: ff104f2a-9722-452c-894e-71dd1a0cfc2b
Generator EPA ID: CAR000270421
Shipment Date: 2020-06-06
Manifest Number: 013976296JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.07500
Quantity Waste: 150.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 611

Year: 2020
EM Manifest ID: 91bb8da6-34bf-41fe-a4ef-a7ff843a5feb
Shipment Date: 6/6/2020
Receipt Date: 6/17/2020
Manifest Number: 020623142JJK
Generator EPA ID: CAR000270421
Name: COSTCO WHOLESALE #1267

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Address:	RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-556-9090
Contact:	ROSE THOMPSON
Contact Telephone:	425-313-6674
Transporter 1 EPA ID:	CAD980737068
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000183152
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD028409019
TSDF Name:	CROSBY & OVERTON
TSDF Address 1:	W. 17TH STREET
TSDF Address 2:	Not reported
TSDF City:	LONG BEACH
TSDF Zip:	90813-0000
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	91bb8da6-34bf-41fe-a4ef-a7ff843a5feb
Generator EPA ID:	CAR000270421
Shipment Date:	2020-06-06
Manifest Number:	020623142JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2020
EM Manifest ID:	91bb8da6-34bf-41fe-a4ef-a7ff843a5feb
Generator EPA ID:	CAR000270421
Shipment Date:	2020-06-06
Manifest Number:	020623142JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Shipment Date:	5/29/2020
Receipt Date:	6/16/2020
Manifest Number:	013976656FLE

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Generator EPA ID:	CAR000270421
Name:	COSTCO
Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	1
Method Code:	H121
Quantity Tons:	0.01200
Quantity Waste:	24.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D002

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01100
Quantity Waste:	22.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	2

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Method Code:	H141
Quantity Tons:	0.01100
Quantity Waste:	22.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01100
Quantity Waste:	22.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01100
Quantity Waste:	22.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D016
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01100
Quantity Waste:	22.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U057
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D009
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D016

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.05400
Quantity Waste:	108.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	5
Method Code:	H070
Quantity Tons:	0.02100
Quantity Waste:	42.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type: Pounds
Federal Code: D002

State:
Year: 2020
EM Manifest ID: cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID: CAR000270421
Shipment Date: 2020-05-29
Manifest Number: 013976656FLE
Line Number: 1
Method Code: H121
Quantity Tons: 0.01200
Quantity Waste: 24.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 122

Year: 2020
EM Manifest ID: cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID: CAR000270421
Shipment Date: 2020-05-29
Manifest Number: 013976656FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.01100
Quantity Waste: 22.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 331

Year: 2020
EM Manifest ID: cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID: CAR000270421
Shipment Date: 2020-05-29
Manifest Number: 013976656FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 331

Year: 2020
EM Manifest ID: cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID: CAR000270421
Shipment Date: 2020-05-29
Manifest Number: 013976656FLE
Line Number: 4
Method Code: H141
Quantity Tons: 0.05400

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Waste:	108.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	5
Method Code:	H070
Quantity Tons:	0.02100
Quantity Waste:	42.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2020
EM Manifest ID:	cac4b1df-36b2-4cbf-b839-afdd9df6bce5
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976656FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	d3360b15-d3b1-4d8d-b7da-c3722b3f133f
Shipment Date:	5/29/2020
Receipt Date:	6/9/2020
Manifest Number:	013976657FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	6898 RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	408-908-7929
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City:	YUMA
TSDF Zip:	85365-1901
TSDF Telephone:	Not reported

State:

Year:	2020
EM Manifest ID:	d3360b15-d3b1-4d8d-b7da-c3722b3f133f
Generator EPA ID:	CAR000270421
Shipment Date:	2020-05-29
Manifest Number:	013976657FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12450
Quantity Waste:	249.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Shipment Date:	3/19/2020
Receipt Date:	4/8/2020
Manifest Number:	014394673FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO
Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	1
Method Code:	H121

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Tons:	0.00950
Quantity Waste:	19.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D002
Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.05800
Quantity Waste:	116.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01050
Quantity Waste:	21.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01050
Quantity Waste:	21.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Manifest Number:	014394673FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01050
Quantity Waste:	21.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01050
Quantity Waste:	21.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D016

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01050
Quantity Waste:	21.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U057

State:

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	1
Method Code:	H121
Quantity Tons:	0.00950
Quantity Waste:	19.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	122

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.05800
Quantity Waste:	116.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	01217e31-11d7-4345-9702-79d81ffc177c
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394673FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01050
Quantity Waste:	21.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	72c44d06-f637-4fa3-9c41-045968781a08
Shipment Date:	3/19/2020
Receipt Date:	4/3/2020
Manifest Number:	014394674FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO #1267
Address:	6898 RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	408-908-7929
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City:	YUMA
TSDF Zip:	85365-1901
TSDF Telephone:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

State:

Year:	2020
EM Manifest ID:	72c44d06-f637-4fa3-9c41-045968781a08
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394674FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.24800
Quantity Waste:	496.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Shipment Date:	3/19/2020
Receipt Date:	4/7/2020
Manifest Number:	014394672FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO
Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	916-351-0980
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980884183
TSDF Name:	GEM Rancho Cordova LLC
TSDF Address 1:	11855 White Rock Road
TSDF Address 2:	Not reported
TSDF City:	Rancho Cordova
TSDF Zip:	95742
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Federal Code:	D007
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D013
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D022
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D024
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D026

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D004

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	2
Method Code:	H141

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D026
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075
Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.04900
Quantity Waste:	98.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	e669c899-f7d5-422a-9ffa-b05d25b4b832
Generator EPA ID:	CAR000270421
Shipment Date:	2020-03-19
Manifest Number:	014394672FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.04900
Quantity Waste:	98.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	fd0582de-266b-4f09-b773-a89116c84c58
Shipment Date:	11/1/2019
Receipt Date:	12/2/2019
Manifest Number:	013967428FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO
Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	916-351-0980
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980884183
TSDF Name:	GEM Rancho Cordova LLC
TSDF Address 1:	11855 White Rock Road
TSDF Address 2:	Not reported
TSDF City:	Rancho Cordova
TSDF Zip:	95742
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	fd0582de-266b-4f09-b773-a89116c84c58
Generator EPA ID:	CAR000270421
Shipment Date:	2019-11-01
Manifest Number:	013967428FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2020
EM Manifest ID:	fd0582de-266b-4f09-b773-a89116c84c58
Generator EPA ID:	CAR000270421
Shipment Date:	2019-11-01
Manifest Number:	013967428FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Shipment Date:	10/27/2020
Receipt Date:	11/2/2020
Manifest Number:	021911248JJK
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	800-451-8346
Transporter 1 EPA ID:	MIK435642742
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	IDD073114654
TSDF Name:	US ECOLOGY IDAHO INC SITE B
TSDF Address 1:	LEMLEY RD
TSDF Address 2:	Not reported
TSDF City:	GRAND VIEW
TSDF Zip:	83624
TSDF Telephone:	800-839-3975

Federal:

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D004

Year:	2020

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D005

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D009

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Federal Code:	D010
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D013
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D022
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D024
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D026
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U010
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U015
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U035
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U058
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U059
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U089

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U122

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U129

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U132

Year:	2020

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U150

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U151

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U187

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Federal Code:	U188
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U200
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U201
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U205
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U206
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U237
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.03700
Quantity Waste:	74.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.03700
Quantity Waste:	74.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	3
Method Code:	H141

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Tons:	0.07100
Quantity Waste:	142.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.07100
Quantity Waste:	142.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.07100
Quantity Waste:	142.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.07100
Quantity Waste:	142.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U159
Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Manifest Number:	021911248JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.07100
Quantity Waste:	142.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U220

State:

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	311

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.03700
Quantity Waste:	74.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.07100
Quantity Waste:	142.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2020
EM Manifest ID:	90ec7e72-99ea-4dfa-a30a-587ab9af36d1
Generator EPA ID:	CAR000270421
Shipment Date:	2020-10-27
Manifest Number:	021911248JJK
Line Number:	4
Method Code:	H132
Quantity Tons:	0.21450
Quantity Waste:	429.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Detail Two:

Year:	2019
EM Manifest ID:	616531
Shipment Date:	9/6/2018
Receipt Date:	9/24/2018
Manifest Number:	009159296FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	6898 RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	425-313-6674
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City:	YUMA
TSDF Zip:	85365-1901
TSDF Telephone:	Not reported

State:

Year:	2019
EM Manifest ID:	616531
Generator EPA ID:	CAR000270421
Shipment Date:	2018-09-06
Manifest Number:	009159296FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.09000
Quantity Waste:	180.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

State Code: 331

Year: 2019
EM Manifest ID: 616531
Generator EPA ID: CAR000270421
Shipment Date: 2018-09-06
Manifest Number: 009159296FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.09000
Quantity Waste: 180.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2019
EM Manifest ID: 616531
Generator EPA ID: CAR000270421
Shipment Date: 2018-09-06
Manifest Number: 009159296FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.01800
Quantity Waste: 36.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 331

Year: 2019
EM Manifest ID: 550670
Shipment Date: 7/6/2018
Receipt Date: 7/31/2018
Manifest Number: 010823645FLE
Generator EPA ID: CAR000270421
Name: COSTCO WHOLESALE #1267
Address: 6898 RALEIGH RD.
Address 2: Not reported
City: SAN JOSE
Zip: 95119
Telephone: 800-451-8346
Contact: Not reported
Contact Telephone: 425-313-6674
Transporter 1 EPA ID: MNS000110924
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: AZR000515924
TSDF Name: YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1: 2730 E 13TH ST
TSDF Address 2: Not reported
TSDF City: YUMA
TSDF Zip: 85365-1901

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

TSDF Telephone: Not reported

State:

Year: 2019
EM Manifest ID: 550670
Generator EPA ID: CAR000270421
Shipment Date: 2018-07-06
Manifest Number: 010823645FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.12200
Quantity Waste: 244.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2019
EM Manifest ID: 454881
Shipment Date: 7/5/2019
Receipt Date: 8/5/2019
Manifest Number: 013414244FLE
Generator EPA ID: CAR000270421
Name: COSTCO
Address: 6898 RALEIGH ROAD
Address 2: Not reported
City: SAN JOSE
Zip: 95123
Telephone: 800-451-8346
Contact: Not reported
Contact Telephone: 775-575-2760
Transporter 1 EPA ID: MNS000110924
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MNS000110924
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NVD980895338
TSDF Name: 21st Century Environmental Management of Nevada, LLC
TSDF Address 1: 2095 Newlands Drive East
TSDF Address 2: Not reported
TSDF City: Fernley
TSDF Zip: 89408
TSDF Telephone: Not reported

Federal:

Year: 2019
EM Manifest ID: 454881
Generator EPA ID: CAR000270421
Shipment Date: 2019-07-05
Manifest Number: 013414244FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00300
Quantity Waste: 6.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	454881
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414244FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	454881
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414244FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.05300
Quantity Waste:	106.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	454881
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414244FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	131
Year:	2019
EM Manifest ID:	454881
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414244FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.03500

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	454881
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414244FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.05300
Quantity Waste:	106.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	464047
Shipment Date:	7/5/2019
Receipt Date:	7/26/2019
Manifest Number:	013414243FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO
Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	323-776-6233
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008364432
TSDF Name:	Rho Chem LLC
TSDF Address 1:	425 Isis Ave.
TSDF Address 2:	Not reported
TSDF City:	Inglewood
TSDF Zip:	90301
TSDF Telephone:	Not reported

Federal:

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P075

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D002

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D009

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Line Number:	4
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D016

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D004

Year:	2019
EM Manifest ID:	464047

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D026

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

State:

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00550
Quantity Waste:	11.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00200
Quantity Waste:	4.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	122

Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	6
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	7
Method Code:	H141
Quantity Tons:	0.23000
Quantity Waste:	460.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	464047
Generator EPA ID:	CAR000270421
Shipment Date:	2019-07-05
Manifest Number:	013414243FLE
Line Number:	8
Method Code:	H141
Quantity Tons:	0.04650

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Waste:	93.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	421827
Shipment Date:	6/4/2019
Receipt Date:	6/13/2019
Manifest Number:	013710776FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	6898 RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	949-460-5200
Transporter 1 EPA ID:	CAR000183913
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAT080016116
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	2000 N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City:	COMPTON
TSDF Zip:	90222-0000
TSDF Telephone:	Not reported

State:

Year:	2019
EM Manifest ID:	421827
Generator EPA ID:	CAR000270421
Shipment Date:	2019-06-04
Manifest Number:	013710776FLE
Line Number:	1
Method Code:	H039
Quantity Tons:	0.21000
Quantity Waste:	50.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	134

Year:	2019
EM Manifest ID:	010666574FLE20180628_D_1
Shipment Date:	6/28/2018
Receipt Date:	7/11/2018
Manifest Number:	010666574FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE CORPORATION

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	CAR000183913
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAT080016116
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2019
EM Manifest ID:	010666574FLE20180628_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-06-28
Manifest Number:	010666574FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	0.05500
Quantity Waste:	110.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D018

State:

Year:	2019
EM Manifest ID:	010666574FLE20180628_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-06-28
Manifest Number:	010666574FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	0.05500
Quantity Waste:	110.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2019
EM Manifest ID:	369463
Shipment Date:	4/25/2019
Receipt Date:	5/10/2019
Manifest Number:	012484997FLE

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Generator EPA ID:	CAR000270421
Name:	COSTCO
Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	323-776-6233
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008364432
TSDF Name:	Rho Chem LLC
TSDF Address 1:	425 Isis Ave.
TSDF Address 2:	Not reported
TSDF City:	Inglewood
TSDF Zip:	90301
TSDF Telephone:	Not reported

Federal:

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00600
Quantity Waste:	12.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D008

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	2

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D011
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D016
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	U057
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D004

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D005

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D010

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D026

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P001

State:

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00600
Quantity Waste:	12.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	369463
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484997FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	311
Year:	2019
EM Manifest ID:	384896
Shipment Date:	4/25/2019
Receipt Date:	5/20/2019
Manifest Number:	012484998FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Address:	6898 RALEIGH ROAD
Address 2:	Not reported
City:	SAN JOSE
Zip:	95123
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2019
EM Manifest ID:	384896
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	384896
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484998FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01850
Quantity Waste:	37.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	384896
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484998FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.05350

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Waste:	107.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	384896
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484998FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	384896
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484998FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01850
Quantity Waste:	37.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	384896
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484998FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.05350
Quantity Waste:	107.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	e8d3b0b7-a17e-44c2-8db1-574c4f54ca7d
Shipment Date:	4/25/2019

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Receipt Date:	5/10/2019
Manifest Number:	012484999FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE #1267
Address:	6898 RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	Not reported
Contact Telephone:	408-908-7929
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City:	YUMA
TSDF Zip:	85365-1901
TSDF Telephone:	Not reported

State:

Year:	2019
EM Manifest ID:	e8d3b0b7-a17e-44c2-8db1-574c4f54ca7d
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484999FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.07400
Quantity Waste:	148.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	e8d3b0b7-a17e-44c2-8db1-574c4f54ca7d
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-25
Manifest Number:	012484999FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.03650
Quantity Waste:	73.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	372511
Shipment Date:	4/23/2019

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Receipt Date:	5/2/2019
Manifest Number:	013162542FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE CORPORATION
Address:	6898 RALEIGH RD.
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	949-460-5200
Transporter 1 EPA ID:	CAR000183913
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAT080016116
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	2000 N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City:	COMPTON
TSDF Zip:	90222-0000
TSDF Telephone:	Not reported

State:

Year:	2019
EM Manifest ID:	372511
Generator EPA ID:	CAR000270421
Shipment Date:	2019-04-23
Manifest Number:	013162542FLE
Line Number:	1
Method Code:	H039
Quantity Tons:	0.23100
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	134

Detail Two:

Year:	2018
EM Manifest ID:	010648791FLE20170919_D_1
Shipment Date:	9/19/2017
Receipt Date:	9/28/2017
Manifest Number:	010648791FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE CORPORATION
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	CAR000183913
Transporter 1 Emergency Number:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Transporter 2 EPA ID: CAT080016116
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAT080013352
TSDF Name: DEMENNO KERDOON
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

State:
Year: 2018
EM Manifest ID: 010648791FLE20170919_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2017-09-19
Manifest Number: 010648791FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.10500
Quantity Waste: 25.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 134

Year: 2018
EM Manifest ID: 109832
Shipment Date: 8/30/2018
Receipt Date: 9/5/2018
Manifest Number: 012173208FLE
Generator EPA ID: CAR000270421
Name: COSTCO WHOLESALE #1267
Address: 6898 RALEIGH RD
Address 2: Not reported
City: SAN JOSE
Zip: 95119
Telephone: 800-424-9300
Contact: Not reported
Contact Telephone: 425-313-6674
Transporter 1 EPA ID: CAR000183913
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NVT330010000
TSDF Name: US ECOLOGY NEVADA, INC
TSDF Address 1: HWY 95 11 MI S OF BEATTY
TSDF Address 2: Not reported
TSDF City: BEATTY
TSDF Zip: 89003
TSDF Telephone: 800-510-8510

Federal:
Year: 2018
EM Manifest ID: 109832
Generator EPA ID: CAR000270421
Shipment Date: 2018-08-30

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Manifest Number: 012173208FLE
Line Number: 1
Method Code: H132
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D018

State:
Year: 2018
EM Manifest ID: 109832
Generator EPA ID: CAR000270421
Shipment Date: 2018-08-30
Manifest Number: 012173208FLE
Line Number: 1
Method Code: H132
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2018
EM Manifest ID: 010732307FLE20170811_D_1
Shipment Date: 8/11/2017
Receipt Date: 8/22/2017
Manifest Number: 010732307FLE
Generator EPA ID: CAR000270421
Name: COSTCO #1267
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: MNS000110924
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: NED986382133
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NVD980895338
TSDF Name: 21ST CENTURY EMN LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 010732307FLE20170811_D_1

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05300
Quantity Waste:	106.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	P075

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D016

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02700
Quantity Waste:	54.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

State:

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05300
Quantity Waste:	106.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	311

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	010732307FLE20170811_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-08-11
Manifest Number:	010732307FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02700
Quantity Waste:	54.000000
Quantity Unit:	P
Number of Containers:	1

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 010732307FLE20170811_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2017-08-11
Manifest Number: 010732307FLE
Line Number: 5
Method Code: H141
Quantity Tons: 0.00950
Quantity Waste: 19.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 010732307FLE20170811_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2017-08-11
Manifest Number: 010732307FLE
Line Number: 6
Method Code: H141
Quantity Tons: 0.07250
Quantity Waste: 145.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 010732307FLE20170811_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2017-08-11
Manifest Number: 010732307FLE
Line Number: 7
Method Code: H141
Quantity Tons: 0.01100
Quantity Waste: 22.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 011491410FLE20180507_D_1
Shipment Date: 5/7/2018
Receipt Date: 5/18/2018
Manifest Number: 011491410FLE
Generator EPA ID: CAR000270421
Name: COSTCO #1267

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

State:

Year:	2018
EM Manifest ID:	011491410FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491410FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.17550
Quantity Waste:	351.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	011491410FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491410FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.05300
Quantity Waste:	106.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Shipment Date:	5/7/2018
Receipt Date:	5/23/2018
Manifest Number:	011491408FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO #1267

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	NED986382133
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008364432
TSDF Name:	RHO CHEM LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02600
Quantity Waste:	52.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	P001

Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00050

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D009
Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D013
Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D022
Year:	2018
EM Manifest ID:	011491408FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491408FLE

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Line Number: 3
Method Code: H141
Quantity Tons: 0.00050
Quantity Waste: 1.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D024

State:
Year: 2018
EM Manifest ID: 011491408FLE20180507_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-05-07
Manifest Number: 011491408FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.02600
Quantity Waste: 52.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
State Code: 122

Year: 2018
EM Manifest ID: 011491408FLE20180507_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-05-07
Manifest Number: 011491408FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.00050
Quantity Waste: 1.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 311

Year: 2018
EM Manifest ID: 011491408FLE20180507_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-05-07
Manifest Number: 011491408FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.00050
Quantity Waste: 1.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 311

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2018
EM Manifest ID:	011491409FLE20180507_D_1
Shipment Date:	5/7/2018
Receipt Date:	6/1/2018
Manifest Number:	011491409FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO #1267
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	NED986382133
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21ST CENTURY EMN LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	011491409FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491409FLE
Line Number:	1
Method Code:	H070
Quantity Tons:	0.01300
Quantity Waste:	26.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	011491409FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491409FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

EM Manifest ID:	011491409FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491409FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03550
Quantity Waste:	71.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	011491409FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491409FLE
Line Number:	1
Method Code:	H070
Quantity Tons:	0.01300
Quantity Waste:	26.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	131

Year:	2018
EM Manifest ID:	011491409FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491409FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	011491409FLE20180507_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-05-07
Manifest Number:	011491409FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03550
Quantity Waste:	71.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 010824423FLE20180309_D_1
Shipment Date: 3/9/2018
Receipt Date: 4/10/2018
Manifest Number: 010824423FLE
Generator EPA ID: CAR000270421
Name: COSTCO #1267
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: MNS000110924
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: NED986382133
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD008364432
TSDF Name: RHO CHEM LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 010824423FLE20180309_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-03-09
Manifest Number: 010824423FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00050
Quantity Waste: 1.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D004

Year: 2018
EM Manifest ID: 010824423FLE20180309_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-03-09
Manifest Number: 010824423FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00050
Quantity Waste: 1.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Type:	NULL
Federal Code:	D005
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D010
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D026
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D010
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D016
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	2

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U057
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	P075
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00700
Quantity Waste:	14.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	P001

State:

Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	311

Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00100
Quantity Waste:	2.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	311

Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00700
Quantity Waste:	14.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	791

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year:	2018
EM Manifest ID:	010824423FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824423FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	311

Year:	2018
EM Manifest ID:	010824424FLE20180309_D_1
Shipment Date:	3/9/2018
Receipt Date:	3/26/2018
Manifest Number:	010824424FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO #1267
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	NED986382133
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21ST CENTURY EMN LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	010824424FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824424FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.09650
Quantity Waste:	193.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Year: 2018
EM Manifest ID: 010824424FLE20180309_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-03-09
Manifest Number: 010824424FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.04600
Quantity Waste: 92.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:
Year: 2018
EM Manifest ID: 010824424FLE20180309_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-03-09
Manifest Number: 010824424FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.09650
Quantity Waste: 193.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 010824424FLE20180309_D_1
Generator EPA ID: CAR000270421
Shipment Date: 2018-03-09
Manifest Number: 010824424FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.04600
Quantity Waste: 92.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 010824425FLE20180309_D_1
Shipment Date: 3/9/2018
Receipt Date: 4/2/2018
Manifest Number: 010824425FLE
Generator EPA ID: CAR000270421
Name: COSTCO #1267
Address: Not reported
Address 2: Not reported
City: Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

State:

Year:	2018
EM Manifest ID:	010824425FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824425FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.11800
Quantity Waste:	236.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	010824425FLE20180309_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2018-03-09
Manifest Number:	010824425FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06200
Quantity Waste:	124.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	010664229FLE20171219_D_1
Shipment Date:	12/19/2017
Receipt Date:	12/28/2017
Manifest Number:	010664229FLE
Generator EPA ID:	CAR000270421
Name:	COSTCO WHOLESALE CORPORATION
Address:	Not reported
Address 2:	Not reported
City:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	CAR000183913
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAT080016116
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	DEMENNO KERDOON
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

State:

Year:	2018
EM Manifest ID:	010664229FLE20171219_D_1
Generator EPA ID:	CAR000270421
Shipment Date:	2017-12-19
Manifest Number:	010664229FLE
Line Number:	1
Method Code:	H039
Quantity Tons:	0.10500
Quantity Waste:	25.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	134

Additional Info:

Year:	2017
Gen EPA ID:	CAR000270421
Shipment Date:	20171219
Creation Date:	10/25/2018 18:30:19
Receipt Date:	20171227
Manifest ID:	010664228FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171219
Creation Date:	8/3/2018 18:30:42
Receipt Date:	20171228
Manifest ID:	010664229FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171114
Creation Date:	7/20/2018 18:30:15
Receipt Date:	20171121
Manifest ID:	010663923FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171027
Creation Date:	6/27/2018 18:30:27

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Receipt Date:	20171127
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U057
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D016
Additional Code 2:	D011
Additional Code 3:	D010
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20171027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171027
Creation Date:	6/27/2018 18:30:27
Receipt Date:	20171127
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171027
Creation Date:	6/27/2018 18:30:27
Receipt Date:	20171127
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.132
Waste Quantity:	264
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171027
Creation Date:	6/27/2018 18:30:27
Receipt Date:	20171127
Manifest ID:	010833870FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0485
Waste Quantity:	97
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SAN JOSE HAZMAT:
Name: COSTCO WHOLESALE #1267 (WAREHOUSE)
Address: 6898 RALEIGH RD
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 604337
Class: Misc. Complex firms and labs

CERS:
Name: COSTCO WHOLESALE #1267 (WAREHOUSE)
Address: 6898 RALEIGH RD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 424446
CERS ID: 10731835
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 424446
Site Name: Costco Wholesale #1267 (Warehouse)
Violation Date: 06-04-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/03/2018. Small container in hearing aid used to hold batteries was marked only with a start date. The words "universal waste- batteries" and the generator's information need to be marked on the container.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 424446
Site Name: Costco Wholesale #1267 (Warehouse)
Violation Date: 06-04-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/03/2018. Quantities of propane are not disclosed with the HMBP. Observed 5x5 gal "waste" propane cylinders and 1x5 and 1x7 gal propane tanks for onsite use with floor burnisher/cleaner.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 424446
Site Name: Costco Wholesale #1267 (Warehouse)
Violation Date: 06-04-2018
Citation: 22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Violation Description: Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes: Returned to compliance on 07/03/2018. Manifest 010732307FLE (8/11/17) line 8 shipped "non-RCRA non-regulated solids" using waste code 331 without including a description of the waste in parenthesis at the end of the shipping name. Box 17 identified the waste as waste ink.
Violation Division: Santa Clara County Environmental Health
Violation Program: HWLQG
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS ID 10731835 Store new, only submittal 7/19/17. Map, emergency plan and training plan complete. Training documentation available upon request, reviewed and appears to address all onsite personnel. Site has installed a new emergency generator with a 440 gal belly tank for diesel fuel. Tank is currently empty, but diesel will need to be added to inventory once introduced.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility is retail store operating under EPA ID CAR000270421. Site generates waste from in-store maintenance/cleaning, returned merchandise, optical cleaning, hearing aid center, tire shop, pharmacy. Store does not have a photo/ink area. Waste is generally consolidated for shipment at RTV, with routine collection at point of generation. All waste containers at point of generation areas were properly labeled, closed and in good condition. (except as noted above) At pharmacy, wstes to bucket based on STOP (scanner) and printed guide. Items on guide covered gamut of RCRA regulated items, and included items such as epinephrine which are managed as RCRA wastes. -Pharmacist able to discuss waste determination, expired pharmaceutical management, dropped/broken SOP, return to stock (non-pick up filled scrip) -No compounding in pharmacy. All vaccines are single dose, with expended syringes managed as sharps. No P-listed syringes noted. AT RTV, items are checked in STOP, [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HWLQG
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Costco Wholesale Corporation
Entity Title: Not reported
Affiliation Address: 999 Lake Drive
Affiliation City: Issaquah
Affiliation State: WA
Affiliation Country: United States
Affiliation Zip: 98027

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Affiliation Phone:	(425) 313-8100,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Costco
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Costco Wholesale Corporation
Entity Title:	Not reported
Affiliation Address:	999 Lake Drive
Affiliation City:	Issaquah
Affiliation State:	WA
Affiliation Country:	United States
Affiliation Zip:	98027
Affiliation Phone:	(425) 313-8100,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Identification Signer
Entity Name:	Erin Laughridge, Agent for Costco Wholesale Corporation
Entity Title:	Regulatory Compliance Specialist, 3E
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Global Sustainability and Compliance
Entity Title:	Not reported
Affiliation Address:	999 Lake Drive
Affiliation City:	Issaquah
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	98027
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Costco Licensing, P.O. Box 35005
Affiliation City:	Seattle

COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY AT GREAT OAKS (Continued) **S121173383**

Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	98124-3405
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Erin Laughridge, Agent for Costco Wholesale Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Costco Wholesale Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(425) 313-8100,

147
South
1/4-1/2
0.475 mi.
2509 ft.

GREGORIUS, BENEDICT & SHI **HIST CORTESE** **S105026271**
6362 NEPO **N/A**
SAN JOSE, CA 95119

Relative:
Higher

Actual:
196 ft.

HIST CORTESE:

edr_fname:	GREGORIUS, BENEDICT & SHI
edr_fadd1:	6362 NEPO
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Facility County Code:	18
Reg By:	WBC&D
Reg Id:	6A189105N19

148
ENE
1/2-1
0.600 mi.
3169 ft.

GREAT OAKS MIXED USE PROJECT **ENVIROSTOR** **S118466268**
PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GR **VCP** **N/A**
SAN JOSE, CA 95123 **DEED**

Relative:
Higher

Actual:
199 ft.

ENVIROSTOR:

Name:	GREAT OAKS MIXED USE PROJECT
Address:	PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GREAT OAKS BLVD.
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	60002251
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	10/09/2017
Site Code:	202057

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Agreement
Acres: 61
NPL: NO
Regulatory Agencies: SMBRP, SANTA CLARA COUNTY
Lead Agency: SMBRP
Program Manager: Nicole Yuen
Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 15
Special Program: Voluntary Agreement - Standard Voluntary Agreement
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.24240
Longitude: -121.7890
APN: 706-54-004, 706-54-005, 706-54-008, 706-54-009, 706-54-010, 706-54-011, 706-54-012, 706-54-013
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Dieldrin
Confirmed COC: Arsenic Dieldrin
Potential Description: SOIL
Alias Name: 706-54-004
Alias Type: APN
Alias Name: 706-54-005
Alias Type: APN
Alias Name: 706-54-008
Alias Type: APN
Alias Name: 706-54-009
Alias Type: APN
Alias Name: 706-54-010
Alias Type: APN
Alias Name: 706-54-011
Alias Type: APN
Alias Name: 706-54-012
Alias Type: APN
Alias Name: 706-54-013
Alias Type: APN
Alias Name: 202057
Alias Type: Project Code (Site Code)
Alias Name: 60002251
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/25/2020
Comments: Not reported

Completed Area Name: Lots 6 and 7

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/09/2016
Comments: DTSC certified the completion of the removal action for Lots 6 and 7 at the Great Oaks Mixed Use Project Site. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. No further action is required and a multi-family residential development is to be constructed on Lots 6 and 7.

Completed Area Name: Lots 6 and 7
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/07/2016
Comments: The removal action completion report documents the removal action at Lots 6 and 7. Soil contaminated with dieldrin and arsenic at levels over residential screening levels was excavated over an area of approximately 201,400 square feet. Approximately 12,300 cubic yards of soil was excavated and disposed at an off-site disposal facility. Confirmation sampling indicates that no further action is required at Lots 6 and 7.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 03/09/2017
Comments: The Explanation of Significant Differences modifies the selected remedy for the Site (i.e. excavation and off-site disposal of contaminated soil at a permitted landfill) by adding a Land Use Covenant as a component. The Land Use Covenant will restrict the activities and land use in the 57 feet by 16 feet area of the Site where arsenic- and dieldrin-impacted soil could not be excavated due to the presence of the underground fiber optic cables.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/04/2017
Comments: The public notice was published in the San Jose Mercury on May 4th. It provided notification of DTSC's approval of the Explanation of Significant Differences for the site and intent on entering into a Land Use Covenant with iStar San Jose LLC .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate letter projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/02/2015
Comments: Request for Agency Oversight Application for DTSC to oversee site cleanup.

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/06/2016
Comments: First phase of implementation of the Removal Action Workplan concluded on June 6, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: DTSC annual oversight cost estimate for fiscal year 2020-2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/01/2016
Comments: Phase II of the Removal Action Workplan implementation was completed.

Completed Area Name: Residential Parcels

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/13/2017
Comments: Not reported

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2021
Comments: DTSC approves the annual land use covenant compliance inspection report. The next report needs to be submitted by January 15, 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2022
Comments: Not reported

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/09/2017
Comments: DTSC certified the completion of the removal action for Residential Parcels Operable Unit. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. A land use covenant has been recorded for a portion of the Operable Unit where arsenic-contaminated soil could not be excavated because of the presence of a fiber-optic cable and will need to be monitored on an annual basis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 04/22/2016
Comments: Based on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Used Project, DTSC concluded in a Statement of Findings that the cleanup activities outlined in the Final Removal Action Workplan will not result in significant and unavoidable effects on the environment. A Notice of Determination was filed with the State Clearinghouse on April 25, 2016..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/09/2017
Comments: The Notice of Exemption explains why the project is exempt from evaluation under the California Environmental Quality Act based on a General Rule exemption. A Land Use Covenant between DTSC and iStar San Jose, LLC is added as part of the selected removal action, and will not result in changes to the physical environment.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/14/2017
Comments: A land use covenant (LUC) between iStar San Jose, LLC and DTSC was recorded with Santa Clara County on September 14, 2017. The LUC

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

restricts land use and activities on a 912 square feet area of the site where impacted soil with arsenic concentrations above the residential cleanup level could not be excavated as required by the Removal Action Workplan due to the presence of a previously-unknown fiber-optic cable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 11/05/2015
Comments: iStar San Jose, LLC entered into a Voluntary Cleanup Agreement with DTSC to oversee cleanup of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/04/2019
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Five-Year Review Reports
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: GREAT OAKS MIXED USE PROJECT
Address: PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GREAT OAKS BLVD.
City,State,Zip: SAN JOSE, CA 95123
Facility ID: 60002251
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 61
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, SANTA CLARA COUNTY
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Nicole Yuen
Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Site Code:	202057
Assembly:	25
Senate:	15
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	10/09/2017
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.24240 / -121.7890
APN:	706-54-004, 706-54-005, 706-54-008, 706-54-009, 706-54-010, 706-54-011, 706-54-012, 706-54-013
Past Use:	AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC:	30001, 30207
Confirmed COC:	30001,30207
Potential Description:	SOIL
Alias Name:	706-54-004
Alias Type:	APN
Alias Name:	706-54-005
Alias Type:	APN
Alias Name:	706-54-008
Alias Type:	APN
Alias Name:	706-54-009
Alias Type:	APN
Alias Name:	706-54-010
Alias Type:	APN
Alias Name:	706-54-011
Alias Type:	APN
Alias Name:	706-54-012
Alias Type:	APN
Alias Name:	706-54-013
Alias Type:	APN
Alias Name:	202057
Alias Type:	Project Code (Site Code)
Alias Name:	60002251
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Residential Parcels
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/19/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	02/25/2020
Comments:	Not reported
Completed Area Name:	Lots 6 and 7
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	12/09/2016
Comments:	DTSC certified the completion of the removal action for Lots 6 and 7 at the Great Oaks Mixed Use Project Site. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. No further action is required and a multi-family residential development is to

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

be constructed on Lots 6 and 7.

Completed Area Name: Lots 6 and 7
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/07/2016
Comments: The removal action completion report documents the removal action at Lots 6 and 7. Soil contaminated with dieldrin and arsenic at levels over residential screening levels was excavated over an area of approximately 201,400 square feet. Approximately 12,300 cubic yards of soil was excavated and disposed at an off-site disposal facility. Confirmation sampling indicates that no further action is required at Lots 6 and 7.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 03/09/2017
Comments: The Explanation of Significant Differences modifies the selected remedy for the Site (i.e. excavation and off-site disposal of contaminated soil at a permitted landfill) by adding a Land Use Covenant as a component. The Land Use Covenant will restrict the activities and land use in the 57 feet by 16 feet area of the Site where arsenic- and dieldrin-impacted soil could not be excavated due to the presence of the underground fiber optic cables.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/04/2017
Comments: The public notice was published in the San Jose Mercury on May 4th. It provided notification of DTSC's approval of the Explanation of Significant Differences for the site and intent on entering into a Land Use Covenant with iStar San Jose LLC .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate letter projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/02/2015
Comments: Request for Agency Oversight Application for DTSC to oversee site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Document Type: Fieldwork
Completed Date: 06/06/2016
Comments: First phase of implementation of the Removal Action Workplan concluded on June 6, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: DTSC annual oversight cost estimate for fiscal year 2020-2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/01/2016
Comments: Phase II of the Removal Action Workplan implementation was completed.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/13/2017
Comments: Not reported

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Date: 01/19/2021
Comments: DTSC approves the annual land use covenant compliance inspection report. The next report needs to be submitted by January 15, 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2022
Comments: Not reported

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/09/2017
Comments: DTSC certified the completion of the removal action for Residential Parcels Operable Unit. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. A land use covenant has been recorded for a portion of the Operable Unit where arsenic-contaminated soil could not be excavated because of the presence of a fiber-optic cable and will need to be monitored on an annual basis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 04/22/2016
Comments: Based on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Used Project, DTSC concluded in a Statement of Findings that the cleanup activities outlined in the Final Removal Action Workplan will not result in significant and unavoidable effects on the environment. A Notice of Determination was filed with the State Clearinghouse on April 25, 2016..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/09/2017
Comments: The Notice of Exemption explains why the project is exempt from evaluation under the California Environmental Quality Act based on a General Rule exemption. A Land Use Covenant between DTSC and iStar San Jose, LLC is added as part of the selected removal action, and will not result in changes to the physical environment.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/14/2017
Comments: A land use covenant (LUC) between iStar San Jose, LLC and DTSC was recorded with Santa Clara County on September 14, 2017. The LUC restricts land use and activities on a 912 square feet area of the site where impacted soil with arsenic concentrations above the residential cleanup level could not be excavated as required by the Removal Action Workplan due to the presence of a previously-unknown fiber-optic cable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 11/05/2015
Comments: iStar San Jose, LLC entered into a Voluntary Cleanup Agreement with DTSC to oversee cleanup of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/04/2019
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Five-Year Review Reports
Future Due Date: 2024
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: GREAT OAKS MIXED USE PROJECT
Address: PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GREAT OAKS BLVD.
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: 60002251
Area: RESIDENTIAL PARCELS
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Y149
NE
1/2-1
0.696 mi.
3674 ft.

Relative:
Higher

Actual:
196 ft.

WESTERN DIGITAL TECHNOLOGIES INC
5601 GREAT OAKS PARKWAY
SAN JOSE, CA 95119

Site 1 of 4 in cluster Y

Database(s):
CORRACTS
RCRA-TSDF
RCRA-LQG
ENVIROSTOR
CHMIRS
US FIN ASSUR
2020 COR ACTION
TRIS
FINDS
ECHO
CUPA Listings
EMI
ENF
HWTS
NPDES
HAZMAT
CIWQS
CERS

EDR ID Number: 1008194745
EPA ID Number: 95193BMXXX5600C

CORRACTS:

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20001031
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20020723
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Actual Date: 20001031
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20131028
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 20000101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA TSDF:
Treatment Storage and Disposal Type: Storage, Treatment
Full Enforcement Universe: Storage, Treatment
Corrective Action Workload Universe: Yes
Permit Renewals Workload Universe: Storage, Treatment
Permit Workload Universe: Storage, Treatment
Permit Progress Universe: Storage, Treatment
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
Operating TSDF Universe: Storage, Treatment
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: Yes
TSDFs Only Subject to CA under Discretionary Auth Universe: No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

RCRA Listings:

Date Form Received by Agency:	20230301
Handler Name:	Western Digital Technologies Inc
Handler Address:	GREAT OAKS PARKWAY
Handler City,State,Zip:	SAN JOSE, CA 95119-1003
EPA ID:	CAR000128793
Contact Name:	DENISE LLOYD
Contact Address:	GREAT OAKS PARKWAY
Contact City,State,Zip:	SAN JOSE, CA 95119-1003
Contact Telephone:	408-717-6196
Contact Fax:	Not reported
Contact Email:	DENISE.LLOYD@WDC.COM
Contact Title:	SENIOR EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2022
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	GREAT OAKS PARKWAY
Mailing City,State,Zip:	SAN JOSE, CA 95119-1003
Owner Name:	Western Digital Technologies Inc
Owner Type:	Private
Operator Name:	Western Digital Technologies Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Accomplished
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Corrective Action, Sudden Third-Party Liability
Handler Date of Last Change:	20230616
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

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Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D012
Waste Description:	Endrin (1,2,3,4,10,10-Hexachloro-1,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-1,4-Endo, Endo-5,8-Dimeth-Ano-Naphthalene)
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D014
Waste Description:	Methoxychlor (1,1,1-Trichloro-2,2-Bis [P-Methoxyphenyl] Ethane)
Waste Code:	D015
Waste Description:	Toxaphene (C10 H10 Cl8, Technical Chlorinated Camphene, 67-69 Percent Chlorine)
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D017
Waste Description:	2,4,5-Tp Silvex (2,4,5-Trichlorophenoxypropionic Acid)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code: D018
Waste Description: Benzene

Waste Code: D019
Waste Description: Carbon Tetrachloride

Waste Code: D020
Waste Description: Chlordane

Waste Code: D021
Waste Description: Chlorobenzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D023
Waste Description: O-Cresol

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D025
Waste Description: P-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D028
Waste Description: 1,2-Dichloroethane

Waste Code: D029
Waste Description: 1,1-Dichloroethylene

Waste Code: D032
Waste Description: Hexachlorobenzene

Waste Code: D034
Waste Description: Hexachloroethane

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D036
Waste Description: Nitrobenzene

Waste Code: D038
Waste Description: Pyridine

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichlorethylene

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code: D042
Waste Description: 2,4,6-Trichlorophenol

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F004
Waste Description: The Following Spent Nonhalogenated Solvents: Cresols, Cresylic Acid, And Nitrobenzene; And The Still Bottoms From The Recovery Of These Solvents; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F006
Waste Description: Wastewater Treatment Sludges From Electroplating Operations, Except From The Following Processes: (1) Sulfuric Acid Anodizing Of Aluminum;

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

(2) Tin Plating On Carbon Steel; (3) Zinc Plating (Segregated Basis) On Carbon Steel; (4) Aluminum Or Zinc-Aluminum Plating On Carbon Steel; (5) Cleaning/Stripping Associated With Tin, Zinc, And Aluminum Plating On Carbon Steel; And (6) Chemical Etching And Milling Of Aluminum.

Waste Code: F007
Waste Description: Spent Cyanide Plating Bath Solutions From Electroplating Operations.

Waste Code: P005
Waste Description: 2-Propen-1-Ol (Or) Allyl Alcohol

Waste Code: P015
Waste Description: Beryllium

Waste Code: P022
Waste Description: Carbon Disulfide

Waste Code: P030
Waste Description: Cyanides (Soluble Cyanide Salts), Not Otherwise Specified

Waste Code: P098
Waste Description: Potassium Cyanide (Or) Potassium Cyanide K(Cn)

Waste Code: P104
Waste Description: Silver Cyanide (Or) Silver Cyanide Ag(Cn)

Waste Code: P105
Waste Description: Sodium Azide

Waste Code: P106
Waste Description: Sodium Cyanide (Or) Sodium Cyanide Na(Cn)

Waste Code: P113
Waste Description: Thallic Oxide (Or) Thallium Oxide Tl2o3

Waste Code: P120
Waste Description: Vanadium Oxide V2o5 (Or) Vanadium Pentoxide

Waste Code: U001
Waste Description: Acetaldehyde (I) (Or) Ethanal (I)

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U003
Waste Description: Acetonitrile (I,T)

Waste Code: U009
Waste Description: 2-Propenenitrile (Or) Acrylonitrile

Waste Code: U019
Waste Description: Benzene (I,T)

Waste Code: U031
Waste Description: 1-Butanol (I) (Or) N-Butyl Alcohol (I)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U037
Waste Description:	Benzene, Chloro- (Or) Chlorobenzene
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U052
Waste Description:	Cresol (Cresylic Acid) (Or) Phenol, Methyl-
Waste Code:	U055
Waste Description:	Benzene, (1-Methylethyl)- (I) (Or) Cumene (I)
Waste Code:	U056
Waste Description:	Benzene, Hexahydro- (I) (Or) Cyclohexane (I)
Waste Code:	U070
Waste Description:	Benzene, 1,2-Dichloro- (Or) O-Dichlorobenzene
Waste Code:	U071
Waste Description:	Benzene, 1,3-Dichloro- (Or) M-Dichlorobenzene
Waste Code:	U072
Waste Description:	Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene
Waste Code:	U077
Waste Description:	Ethane, 1,2-Dichloro- (Or) Ethylene Dichloride
Waste Code:	U080
Waste Description:	Methane, Dichloro- (Or) Methylene Chloride
Waste Code:	U092
Waste Description:	Dimethylamine (I) (Or) Methanamine, N-Methyl- (I)
Waste Code:	U112
Waste Description:	Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)
Waste Code:	U117
Waste Description:	Ethane, 1,1'-Oxybis-(I) (Or) Ethyl Ether (I)
Waste Code:	U121
Waste Description:	Methane, Trichlorofluoro- (Or) Trichloromonofluoromethane
Waste Code:	U123
Waste Description:	Formic Acid (C,T)
Waste Code:	U127
Waste Description:	Benzene, Hexachloro- (Or) Hexachlorobenzene
Waste Code:	U134
Waste Description:	Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)
Waste Code:	U144
Waste Description:	Acetic Acid, Lead(2+) Salt (Or) Lead Acetate

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code:	U151
Waste Description:	Mercury
Waste Code:	U154
Waste Description:	Methanol (I) (Or) Methyl Alcohol (I)
Waste Code:	U159
Waste Description:	2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)
Waste Code:	U161
Waste Description:	4-Methyl-2-Pentanone (I) (Or) Methyl Isobutyl Ketone (I) (Or) Pentanol, 4-Methyl-
Waste Code:	U188
Waste Description:	Phenol
Waste Code:	U190
Waste Description:	1,3-Isobenzofurandione (Or) Phthalic Anhydride
Waste Code:	U196
Waste Description:	Pyridine
Waste Code:	U208
Waste Description:	1,1,1,2-Tetrachloroethane (Or) Ethane, 1,1,1,2-Tetrachloro-
Waste Code:	U209
Waste Description:	1,1,2,2-Tetrachloroethane (Or) Ethane, 1,1,2,2-Tetrachloro-
Waste Code:	U210
Waste Description:	Ethene, Tetrachloro- (Or) Tetrachloroethylene
Waste Code:	U211
Waste Description:	Carbon Tetrachloride (Or) Methane, Tetrachloro-
Waste Code:	U213
Waste Description:	Furan, Tetrahydro-(I) (Or) Tetrahydrofuran (I)
Waste Code:	U219
Waste Description:	Thiourea
Waste Code:	U220
Waste Description:	Benzene, Methyl- (Or) Toluene
Waste Code:	U226
Waste Description:	Ethane, 1,1,1-Trichloro- (Or) Methyl Chloroform
Waste Code:	U227
Waste Description:	1,1,2-Trichloroethane (Or) Ethane, 1,1,2-Trichloro-
Waste Code:	U228
Waste Description:	Ethene, Trichloro- (Or) Trichloroethylene
Waste Code:	U239
Waste Description:	Benzene, Dimethyl- (I,T) (Or) Xylene (I)
Waste Code:	U404
Waste Description:	U404

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: HITACHI GST, INC.	
Legal Status:	Private
Date Became Current:	20021231
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HGST, INC	
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-717-8168
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HGST, INC.	
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119-1003
Owner/Operator Telephone:	408-717-6196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DENISE.LLOYD@WDC.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC	
Legal Status:	Private
Date Became Current:	20021231
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC	
Legal Status:	Private
Date Became Current:	20021231
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE RD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193-0001
Owner/Operator Telephone: 408-256-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119-1003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN DIGITAL TECHNOLOGIES INC
Legal Status:	Private
Date Became Current:	20201231
Date Ended Current:	Not reported
Owner/Operator Address:	5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119-1003
Owner/Operator Telephone:	408-717-6196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DENISE.LLOYD@WDC.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status:	Private
Date Became Current:	20021231
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	5600 COTTLE ROAD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95193
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN DIGITAL TECHNOLOGIES INC
Legal Status:	Private
Date Became Current:	20201231
Date Ended Current:	Not reported
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Owner/Operator Email:	DENISE.LLOYD@WDC.COM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Indicator:	Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC	
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	5600 COTTLE ROAD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95193
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC	
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-717-8168
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HGST, INC	
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HGST, INC.	
Legal Status:	Private
Date Became Current:	20030501
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MARIANA H D D U S INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5600 COTTLE RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95193-0001
Owner/Operator Telephone:	408-256-8168
Owner/Operator Telephone Ext:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20201231
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20201231
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE RD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193-0001
Owner/Operator Telephone: 408-256-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20040219
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100720
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120911
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301
Handler Name: HGST, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160226
Handler Name: HGST, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181026
Handler Name: HGST INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200229
Handler Name: HGST INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210507
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220301
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20230301
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210111
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20020906
Handler Name: MARIANA H D D U S INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030127
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030509
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090721
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090820
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120620
Handler Name: HGST INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220228
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060301
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080228
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334112
NAICS Description: COMPUTER STORAGE DEVICE MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20120907
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20120710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161012
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190627
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 207
Date of Enforcement Action: 20190628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140702
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20140703
Enforcement Identifier: 613
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20120907
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20111202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161012
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20190625
Actual Return to Compliance Date:	20190702
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	207
Date of Enforcement Action:	20190628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	45000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	45000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20140227
Actual Return to Compliance Date:	20140411
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	508
Date of Enforcement Action:	20150710
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20140605
Actual Return to Compliance Date:	20140605
Return to Compliance Qualifier:	Observed

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 602
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 612
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161012
Return to Compliance Qualifier: Observed

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170405
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 206
Date of Enforcement Action: 20170213
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	205
Date of Enforcement Action:	20161019
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111128
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20111202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170313
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 206
Date of Enforcement Action: 20170213
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170405
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	45000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	45000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051207
Actual Return to Compliance Date: 20060828
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20060628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190710
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20190801
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051207
Actual Return to Compliance Date: 20060828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20060628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20170209
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20080225
Actual Return to Compliance Date: 20080425
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 503
Date of Enforcement Action: 20080429
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051207
Actual Return to Compliance Date: 20060828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20060628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20080225
Actual Return to Compliance Date: 20080425
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20080429
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20140227
Actual Return to Compliance Date: 20140411
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 203
Date of Enforcement Action: 20140317
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20111202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Observed

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: 20140703
Enforcement Identifier: 613
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161013
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 612
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170405
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 20170213
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190710
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 207
Date of Enforcement Action: 20190628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051207
Actual Return to Compliance Date: 20060828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20060628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20170209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190702
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	513
Date of Enforcement Action:	20190801
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	300
Date of Enforcement Action:	20190305
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	45000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	45000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20171228
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	300
Date of Enforcement Action:	20190305
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	45000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	45000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20111128
Actual Return to Compliance Date:	20111128
Return to Compliance Qualifier:	Observed

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20120710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161013
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20171228
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	510
Date of Enforcement Action:	20170131
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	20190625
Actual Return to Compliance Date:	20190627
Return to Compliance Qualifier:	Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	513
Date of Enforcement Action:	20190801
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20171228
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	205
Date of Enforcement Action:	20161019
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 602
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	20170213
Actual Return to Compliance Date:	20170313
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	511
Date of Enforcement Action:	20170213
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161012
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20120710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140702
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 612
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170313
Return to Compliance Qualifier: Documented

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Evaluation Action Summary:
Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20111128
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120907
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190627
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140702
Scheduled Compliance Date:	20140703
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120907
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190711
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100127
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170405
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20211208
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20111128
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170405
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140617
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190625
Evaluation Responsible Agency:	State

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190710
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20140227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20111213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140703
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20091130
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161013
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080320
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170213
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20170405
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140605
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190625
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20190710
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20051207
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20060828
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20211221
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120522
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20111128
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161013
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190627
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20051229
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210715
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20161012
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20111128
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20111213
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20140702
Scheduled Compliance Date: 20140705
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170213
Evaluation Responsible Agency: State

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

ENVIROSTOR:

Name:	HGST, INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	80001772
Status:	No Action Required
Status Date:	10/14/2016
Site Code:	202388
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	178
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Not reported
Supervisor:	Julie Pettijohn
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	15
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.25003
Longitude:	-121.7951
APN:	70607020
Past Use:	MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC
Potential COC:	Trichloroethylene (TCE Chloroform Chloroform
Confirmed COC:	Trichloroethylene (TCE Chloroform Chloroform No Contaminants found
Potential Description:	OTH, SOIL, SV, OTH, SOIL, SV, OTH
Alias Name:	HGST, INC
Alias Type:	Alternate Name
Alias Name:	IBM CORPORATION
Alias Type:	Alternate Name
Alias Name:	70607020
Alias Type:	APN
Alias Name:	CAD990843989
Alias Type:	Former EPA - Previous Site
Alias Name:	CAR000128793
Alias Type:	EPA Identification Number
Alias Name:	SL720561211
Alias Type:	GeoTracker Global ID
Alias Name:	201476
Alias Type:	Project Code (Site Code)
Alias Name:	202388
Alias Type:	Project Code (Site Code)
Alias Name:	80001772
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	CHLOROFORM RELEASE AREA
Completed Document Type:	Corrective Measure Implementation Workplan
Completed Date:	03/07/2008
Comments:	The Operation, Maintenance, and Monitoring Plan for 2-Phase Extraction System for the Chloroform Release Area was approved by

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

DTSC on 3/07/08 and provides guidance and procedures for start-up, shutdown, service and monitoring of the 2-Phase extraction system.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REDEVELOPMENT PROPERTY
Completed Document Type: Corrective Measures Study Report
Completed Date: 12/30/2006
Comments: The Corrective Measures Study Report for the Redevelopment Property was approved on 12/20/07.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REDEVELOPMENT PROPERTY
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/29/2007
Comments: Extensive soil, soil gas and groundwater investigations were conducted a portion of the site that is planned to be rezoned, sold, and redeveloped into a mixed residential, commercial, and recreational open space area. The area to be redeveloped is divided into five Parcels (Parcel O-1 through O-5), which is referred to as the Redevelopment Property. The purpose of the Final Remedy Completion Report was to characterize the current condition of the Redevelopment Property in order to ensure that the property is appropriately characterized and remediated prior to removal from the RCRA Permit. In regards to Site-wide groundwater on the Redevelopment Property, IBM, the previous owner/operator, will continue remediation under the oversight of the Regional Water Quality Control Board, San Francisco Bay Region. Remediation of chloroform in the Building 028J Area on Parcel O-4 is remediated under the Chloroform Release Area. All remaining areas on the Redevelopment Property have been determined to meet residential standards.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: CHLOROFORM RELEASE AREA
Completed Document Type: Corrective Measures Study Report
Completed Date: 11/20/2007
Comments: Not reported

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/18/2014
Comments: Soil Inspection/Sampling Plan that identifies procedures for soil and soil gas sampling in areas needing additional investigation in the vicinity of Building 40 on Parcel A and on all of Parcel D (Buildings 013, 014 and 015) was approved.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/14/2014
Comments: Soil Inspection/Sampling Plan that identifies procedures for soil and soil gas sampling in areas needing additional investigation in the vicinity of Buildings 005 and 100 located on Parcel E and Parcel F of the HGST Revitalization Project Area was approved.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Completed Document Type: Preliminary Assessment Report
Completed Date: 08/14/2014
Comments: This report documents the current environmental conditions of the subsurface beneath and within the vicinity of Buildings 005 and 100 located on Parcel E and Parcel F of the HGST Revitalization Project Area

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 01/22/2016
Comments: The Soil Inspection and Sampling Report for Parcel D and Building 040 is one of two reports that present the results of sampling performed in the Revitalization Project Area where HGST is demolishing several buildings and associated infrastructure, realigning and upgrading transportation routes and constructing new commercial/industrial buildings. The other report that was prepared addresses Building 100 on Parcel F. Considering the prior history in the area of Buildings 013, 015 (located on Parcel D) and Building 040 and the results of soil and soil gas sampling conducted as part of the Site Inspection/Sampling Plan, no evidence of any releases from Buildings 013, 015, and 040 was identified. Based on these findings, DTSC determined no further investigation/remediation is required for Parcel D and Building 040 in Parcel A.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/13/2015
Comments: The Soil Inspection and Sampling Report for Building 100 Located on Parcel F presents the results of sampling performed at Building 100. Considering the prior history in the area of Building 100 and the results of soil and soil gas sampling that were performed , no evidence of a release from Building 100 was found. Based on these findings, DTSC determined that no further investigation/remediation is required for Parcel F.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Completion Determination
Completed Date: 10/17/2016
Comments: Acknowledgment of Termination and Satisfaction for Corrective Action Consent Agreement was fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/29/2014
Comments: 1/4 miles radius mailing list and other interested party mailing list. In addition to these lists, DTSC Berkeley mandatory mailing list and statewide list should also be used.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/04/2014
Comments: This report documents the current environmental conditions of the

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

subsurface beneath and within the vicinity of Building 40 on Parcel A and all of Parcel D (Buildings 013, 014 and 015).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 10/31/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 10/31/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 10/28/2013
Comments: Not reported

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 04/06/2015
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REDEVELOPMENT PROPERTY
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 12/20/2006
Comments: DTSC approved the Corrective Measures Study (CMS) Report and approved the remedy for soil contamination in the Redevelopment Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/01/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

CHMIRS:

Name:	Not reported
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
OES Incident Number:	13-2985
OES notification:	05/16/2013
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Industrial Plant
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1421
Year:	2013
Agency:	EHS HGST Inc
Incident Date:	5/16/2013
Admin Agency:	Santa Clara County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Combustion From Smoke (Hydrocarbons) Non-Liquid
Quantity Released:	30 minutes smoldering
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	An emergency generator caught fire in the intake filter section. The fire was caused by a back-fire in the generator during the shutdown. The generator smoldered for about 30 minutes.

US FIN ASSUR:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	I
Mechanism Type Description:	INSURANCE
Cost estimate:	6000000
Face value:	8000000
Effective date:	2017-02-13 00:00:00
Provider:	ILLINOIS UNION INSURANCE COMPANY
EPA region:	9

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	L
Mechanism Type Description:	LETTER OF CREDIT
Cost estimate:	25784653
Face value:	26339045.66
Effective date:	2011-05-23 00:00:00
Provider:	MIZUHO CORP BANK
EPA region:	9

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	S
Mechanism Type Description:	SURETY BOND GUARANTEEING PERFORMANCE
Cost estimate:	26339045.66
Face value:	29375431.14
Effective date:	2018-02-13 00:00:00
Provider:	TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
EPA region:	9

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	X
Mechanism Type Description:	STANDBY TRUST FUND
Cost estimate:	26339045.66
Face value:	0
Effective date:	2017-03-07 00:00:00
Provider:	SUNTRUST BANK
EPA region:	9

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	I
Mechanism Type Description:	INSURANCE
Cost estimate:	2000000
Face value:	8000000
Effective date:	2017-02-13 00:00:00
Provider:	ILLINOIS UNION INSURANCE COMPANY
EPA region:	9

2020 COR ACTION:

EPA ID:	CAR000128793
Region:	9
Action:	Remedy Construction

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	95193BMXXX5600C
Form Type:	Form R
Reporting year:	2021
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	EHS MANAGER DENISE LLOYD
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2022-06-24
Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	WESTERN DIGITAL TECHNOLOGIES INC
Mailing street:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Mailing province:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 95119
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	DENISE LLOYD
Public contact phone and Ext:	4087176196

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Public contact email:	DENISE.LLOYD@WDC.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	334112
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	37.24737
Longitude:	-121.79465
D and B number A:	111109307
D and B number B:	Not reported
RCRA number A:	CAR000128793
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	Not reported
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	WESTERN DIGITAL CORP
Parent company D and B number:	051983567
Standardized parent company name:	WESTERN DIGITAL CORP
Document control number:	1321219922212
TRI ID:	95193BMXXX5600C
Cas number:	0000872504
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	05
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	96
Stack air emissions - release range code:	Not reported
Total stack air emissions:	96
Stack air emissions - basis of estimate:	Other
Total air emissions:	96
Discharges to stream a - stream name:	CANOAS CREEK
Total discharges to stream a:	0

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Discharges to stream a - basis of estimate:	Periodic/Random Monotoning Data
Discharges to stream a - % from stormwater:	100
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	1
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Total on-site land releases:	0
Total on-site releases:	96
Off-site - POTW releases:	5990.96
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	5990.96
Off-site - recycling - solvents/organics recovery:	1642772
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	1642772
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	68896.04
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	68896.04
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	1717659
Total POTW transfer:	74887
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	990
Total on-site waste management:	990
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

On-site recycling processes method 7:	Not reported
FRS Facility ID:	110064259270
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	5990.96
Assigned Partial Facility Flag:	NO
Case Number:	872-50-4
Mixture Name:	NA
Clean Air Act Ind:	NO
Carcinogen Ind:	NO
PFAS Ind:	NO

Chemical Activities and Uses:

Cas number:	0000872504
Document control number:	1321219922212
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Submitted Street:	5601 GREAT OAKS PARKWAY
Submitted City:	SAN JOSE
Submitted County:	SANTA CLARA
Submitted State:	CA
Submitted Zip Code:	95119
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	WESTERN DIGITAL CORP
Submitted Parent Company DB Number:	051983567
Submitted Standardized Parent Company Name:	WESTERN DIGITAL CORP
Submitted Primary NAICS Code:	334112
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2021
First year the facility reported:	1987
Number of forms submitted:	1
Total number of forms submitted:	95
Assigned Agency:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000872504
Document control number:	1321219922212
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Scrubber
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	0000872504
Document control number:	1321219922212
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Offsite RCRA id nr:	CAD059494310
Offsite transfer sequence number:	2
Offsite name:	CLEAN HARBORS SAN JOSE
Offsite street address:	1021 BERRYYESSA ROAD
Offsite City,State,Zip:	SAN JOSE, CA 95133
Offsite county:	SANTA CLARA
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Offsite solvents/organics recovery m20 LBS:	3694
Offsite solvents/organics recovery m20 BOE:	Continuous Monitoring Data

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Total amount transferred offsite for recycling:	3694
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	110000484743
Offsite RCRA id nr:	ILD005450697
Offsite transfer sequence number:	3
Offsite name:	CLEAN HARBORS RSC LLC
Offsite street address:	1445 W 42ND ST
Offsite City,State,Zip:	CHICAGO, IL 60609
Offsite county:	COOK
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Offsite solvents/organics recovery m20 LBS:	1639078
Offsite solvents/organics recovery m20 BOE:	Continuous Monitoring Data
Total amount transferred offsite for recycling:	1639078
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	110000434192

FINDS:
Registry ID: 110064259261

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

Registry ID: 110064259270

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Registry ID: 110057100854

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Registry ID: 110070312728

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008194745
Registry ID:	110064259270
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064259270
Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119

Envid:	1008194745
Registry ID:	110049790302
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110049790302
Name:	WESTERN DIGITAL
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119

CUPA SANTA CLARA:

Name:	LINDE GAS NORTH AMERICA LLC
Address:	5601 GREAT OAKS PY BLDG 50 D
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4085784571
UDF Email:	mike.caputo@linde.com
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.2469417
Longitude:	-121.7899922
Record ID:	PR0417018
Facility ID:	FA0275895

Name:	WDT B-007
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA
Region:	SANTA CLARA
Telephone:	Not reported
UDF Email:	Andrea.Hinojosa@wdc.com
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.246926
Longitude:	-121.790028
Record ID:	PR0416690
Facility ID:	FA0275732

Name:	WDT B-007
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA
Region:	SANTA CLARA
Telephone:	Not reported
UDF Email:	Andrea.Hinojosa@wdc.com

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

PE#: LQ99
Program Description: HW GENERATOR-ADDITIONAL CONTIG FAC (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.246926
Longitude: -121.790028
Record ID: PR0416691
Facility ID: FA0275732

Name: HGST B-110C
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
Telephone: Not reported
UDF Email: Not reported
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.246937
Longitude: -121.790013
Record ID: PR0416685
Facility ID: FA0275731

Name: HGST B-110C
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
Telephone: Not reported
UDF Email: Not reported
PE#: LQ99
Program Description: HW GENERATOR-ADDITIONAL CONTIG FAC (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.246937
Longitude: -121.790013
Record ID: PR0417017
Facility ID: FA0275731

EMI:
Name: HGST, A WESTERN DIGITAL COMPAN
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2013
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13.81
Reactive Organic Gases Tons/Yr: 10.2030808
Carbon Monoxide Emissions Tons/Yr: 3.599
NOX - Oxides of Nitrogen Tons/Yr: 8.386
SOX - Oxides of Sulphur Tons/Yr: 0.174
Particulate Matter Tons/Yr: 1.13
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.109

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name:	HGST, A WESTERN DIGITAL COMPANY
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17.260229633
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	3.38818327
NOX - Oxides of Nitrogen Tons/Yr:	5.162565836
SOX - Oxides of Sulphur Tons/Yr:	0.200154768
Particulate Matter Tons/Yr:	0.728861591
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.720786595

Name:	HGST, A WESTERN DIGITAL COMPANY
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20.342907729
Reactive Organic Gases Tons/Yr:	19.991647572
Carbon Monoxide Emissions Tons/Yr:	2.982776253
NOX - Oxides of Nitrogen Tons/Yr:	3.582737162
SOX - Oxides of Sulphur Tons/Yr:	0.903277004
Particulate Matter Tons/Yr:	0.653730914
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.648385701

Name:	HGST, A WESTERN DIGITAL COMPANY
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2016
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14.858879761
Reactive Organic Gases Tons/Yr:	10.293756028
Carbon Monoxide Emissions Tons/Yr:	4.268493431
NOX - Oxides of Nitrogen Tons/Yr:	8.086500146
SOX - Oxides of Sulphur Tons/Yr:	0.197814813

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Particulate Matter Tons/Yr: 0.711995101
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.704306044

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2017
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12.438639829
Reactive Organic Gases Tons/Yr: 9.1556286981
Carbon Monoxide Emissions Tons/Yr: 3.597043174
NOX - Oxides of Nitrogen Tons/Yr: 4.973210619
SOX - Oxides of Sulphur Tons/Yr: 0.207745616
Particulate Matter Tons/Yr: 0.614662463
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.609502038

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2018
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14.592663996
Reactive Organic Gases Tons/Yr: 10.710288796
Carbon Monoxide Emissions Tons/Yr: 3.051011483
NOX - Oxides of Nitrogen Tons/Yr: 4.008012988
SOX - Oxides of Sulphur Tons/Yr: 0.187773187
Particulate Matter Tons/Yr: 0.573018462
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.57145043

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2019
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22.649819539
Reactive Organic Gases Tons/Yr: 16.233504837

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Carbon Monoxide Emissions Tons/Yr:	48.842014823
NOX - Oxides of Nitrogen Tons/Yr:	20.520667764
SOX - Oxides of Sulphur Tons/Yr:	3.048672007
Particulate Matter Tons/Yr:	1.42146329
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.407737042

Name:	WESTERN DIGITAL CORPORATION
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17.902030147
Reactive Organic Gases Tons/Yr:	12.07410465
Carbon Monoxide Emissions Tons/Yr:	2.141709736
NOX - Oxides of Nitrogen Tons/Yr:	1.926471144
SOX - Oxides of Sulphur Tons/Yr:	0.080681534
Particulate Matter Tons/Yr:	0.430057877
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.4297704

ENF:

Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
Region:	2
Facility Id:	652460
Agency Name:	International Business Machine (IBM Corporation)
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	327044
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	09/05/2014
Effective Date:	06/14/2007
Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	393812
Region:	2
Order / Resolution Number:	R2-2014-1001
Enforcement Action Type:	Admin Civil Liability
Effective Date:	01/08/2014
Adoption/Issuance Date:	01/08/2014
Achieve Date:	Not reported
Termination Date:	02/04/2014
ACL Issuance Date:	Not reported
EPL Issuance Date:	11/15/2013
Status:	Historical
Title:	ACL 01/08/2014 for International Business Machines (IBM)
Description:	MMP R2-2014-1001
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	1/31/2014
# Of Programs1:	1
Total Assessment Amount:	6000
Initial Assessed Amount:	6000
Liability $ Amount:	6000
Project $ Amount:	0
Liability $ Paid:	6000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Project $ Completed:	0
Total $ Paid/Completed Amount:	6000
Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
Region:	2
Facility Id:	652460
Agency Name:	International Business Machine (IBM Corporation)
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	327044
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	09/05/2014
Effective Date:	06/14/2007

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	390116
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	11/01/2012
Adoption/Issuance Date:	11/01/2012
Achieve Date:	Not reported
Termination Date:	11/05/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 11/01/2012 for International Business Machines (IBM)
Description:	Not reported
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HWTS:

Name:	WESTERN DIGITAL
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003183565
Inactive Date:	09/30/2022
Create Date:	07/01/2022
Last Act Date:	10/01/2022
Mailing Name:	Not reported
Mailing Address:	5601 GREAT OAKS PARKWAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA
Owner Name:	WESTERN DIGITAL
Owner Address:	5601 GREAT OAKS PARKWAY
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN JOSE, CA 95119
Owner Phone:	4087176000
Owner Fax:	Not reported
Contact Name:	WESTERN DIGITAL
Contact Address:	5601 GREAT OAKS PARKWAY

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Contact Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
Contact Phone:	4087176000
Contact Fax:	Not reported
Facility Status:	Not reported
Facility Type:	Not reported
Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported

NPDES:

Name:	WESTERN DIGITAL DRUPS
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	536897
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 43C394231
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/23/2021
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5601 Great Oaks Pkwy
Discharge Name:	Western Digital Technologies Inc
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	WESTERN DIGITAL DRUPS
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43C394231
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	06/23/2021
Operator Name:	Western Digital Technologies Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Name:	WESTERN DIGITAL BULIDING F4
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43W003928
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	09/20/2022
Operator Name:	Western Digital Technologies Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Name:	WESTERN DIGITAL TANK FARM C
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43W003836
Regulatory Measure Type:	Construction
Program Type:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/06/2018
Operator Name:	HGST
Operator Address:	3403 Yerba Buena Road
Operator City:	San Jose
Operator State:	California
Operator Zip:	95129

Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119-1003
Facility Status:	Historical
NPDES Number:	CAG912002
Region:	2
Agency Number:	384528
Regulatory Measure ID:	397947
Place ID:	652460
Order Number:	R2-2017-0048
WDID:	2 438031002
Regulatory Measure Type:	Enrollee - NPDES
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/25/2014
Termination Date Of Regulatory Measure:	03/30/2022
Expiration Date Of Regulatory Measure:	09/01/2022
Discharge Address:	8976 Wellington Road
Discharge Name:	International Business Machine (IBM Corporation)
Discharge City:	Manassas
Discharge State:	VA
Discharge Zip:	20109
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	HGST NEW FACILITIES
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

WDID:	2 43C371047
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/24/2017
Operator Name:	HGST
Operator Address:	3403 Yerba Buena Road
Operator City:	San Jose
Operator State:	California
Operator Zip:	95129

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	449389
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 43C371047
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/17/2017
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/15/2014
Processed Date:	10/02/2014
Status:	Terminated
Status Date:	04/24/2017
Place Size:	8.7
Place Size Unit:	Acres
Contact:	David Koury
Contact Title:	Not reported
Contact Phone:	408-406-0781
Contact Phone Ext:	Not reported
Contact Email:	david.koury@hgst.com
Operator Name:	HGST
Operator Address:	3403 Yerba Buena Road
Operator City:	San Jose
Operator State:	California
Operator Zip:	95129
Operator Contact:	David Koury
Operator Contact Title:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Operator Contact Phone:	408-406-0781
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	david.koury@hgst.com
Operator Type:	Private Business
Developer:	HGST a Western Digital Company
Developer Address:	3403 Yerba Buena Road
Developer City:	San Jose
Developer State:	California
Developer Zip:	95135
Developer Contact:	David Koury
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	Y
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	David Koury
Certifier Title:	Program Manager
Certification Date:	15-SEP-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	449389
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43C371047
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/02/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/17/2017
Discharge Name:	HGST
Discharge Address:	3403 Yerba Buena Road
Discharge City:	San Jose
Discharge State:	California

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Discharge Zip:	95129
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SAN JOSE HAZMAT:

Name: HGST SUBSTATION
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 602215
Class: Auto Wrecking/Misc Simple Facility

Name: HGST, INC
Address: 5601 GREAT OAKS PY TFB
City,State,Zip: SAN JOSE, CA 95123
Region: SAN JOSE
File Num: 405776
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 4
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 400153
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 2
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 402632
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 110
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 402644
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 50
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 402667
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 21
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 403422
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 50
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 403428
Class: Misc. Complex firms and labs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 67
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405764
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 55
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405791
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 42
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409585
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 006A
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409589
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY BLDG 001
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 600668
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY B-003
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 602293
Class: Misc. Complex firms and labs

Name: LINDE LLC
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 602442
Class: Not reported

Name: OUT OF BUSINESS
Address: 5601 GREAT OAKS PY 15
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 401740
Class: Misc. Complex firms and labs

Name: OUT OF BUSINESS (HGST, INC)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Address: 5601 GREAT OAKS PY 5
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405766
Class: Misc. Complex firms and labs

Name: OUT OF BUSINESS (HGST, INC.)
Address: 5601 GREAT OAKS PY 109
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405813
Class: Misc. Complex firms and labs

CIWQS:
Name: HGST NEW FACILITIES
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Agency: HGST
Agency Address: 3403 Yerba Buena Road 5601 Great Oaks Parkway, San Jose, CA 95129
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C371047
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 10/02/2014
Termination Date: 04/17/2017
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.24694
Longitude: -121.79288

Name: WESTERN DIGITAL DRUPS
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Agency: Western Digital Technologies Inc
Agency Address: 5601 Great Oaks Pkwy, San Jose, CA 95119
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C394231
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 06/23/2021

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.24598
Longitude:	-121.79276

Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Agency:	International Business Machine (IBM Corporation)
Agency Address:	8976 Wellington Road, Manassas, VA 20109
Place/Project Type:	Service/Commercial Site, NEC
SIC/NAICS:	Not reported
Region:	2
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee - NPDES
Order Number:	R2-2017-0048
WDID:	2 438031002
NPDES Number:	CAG912002
Adoption Date:	Not reported
Effective Date:	08/25/2014
Termination Date:	03/30/2022
Expiration/Review Date:	09/01/2022
Design Flow:	Not reported
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	WESTERN DIGITAL DRUPS
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	591815
CERS ID:	894573
CERS Description:	Construction Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-19-2021
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Due to facility security restrictions, I was requested to schedule an inspection with the LRP. Email sent to LRP to schedule Site Inspection (08/20/2021).
Eval Division:	Water Boards
Eval Program:	CONSTW
Eval Source:	SMARTS,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2021
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: I made the following observations during the inspection: The project has not broken ground yet. Existing on site underground storm water collection system. No issues noted.
Eval Division: Water Boards
Eval Program: CONSTW
Eval Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Western Digital Technologies INC
Entity Title: Operator
Affiliation Address: 5601 Great Oaks Pkwy
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 951191003
Site ID: 610845
CERS ID: CAR000128793
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2019-07-10 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2016
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2021-07-15 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 01-27-2010
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2011
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2012-09-07 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2009
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 12-21-2021
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 12-29-2005
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 02-13-2017
Violations Found: Yes
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal Return To Compliance: 2017-04-05 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2008
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2008-04-25 00:00:00
Eval Division: Department of Toxic Substances Control

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 03-20-2008
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2005
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2006-08-28 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2021
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2014-04-11 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 05-22-2012
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 06-17-2014
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 07-11-2019
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 610845
Site Name: WESTERN DIGITAL TECHNOLOGIES INC
Site Address: 5601 GREAT OAKS PKWY
Site City: SAN JOSE
Site Zip: 951191003
Enf Action Date: 03-05-2019
Enf Action Type: Federal Consent Order with Enforcement and Settlement
Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Affiliation:
Affiliation Type Desc: Facility Owner
Entity Name: WESTERN DIGITAL TECHNOLOGIES INC
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PKWY
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 951191003
Affiliation Phone: 4087178168,

Affiliation Type Desc: Facility Contact
Entity Name: DENISE W LLOYD
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PKWY
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 951191003
Affiliation Phone: 4087176196,

Name: WESTERN DIGITAL TECHNOLOGIES, INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 122783
CERS ID: 80001772
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Julie Pettijohn

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Technical Contact
Entity Name:	Joanne Wells
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087178762,
Affiliation Type Desc:	Company Official
Entity Name:	Denise Lloyd
Entity Title:	EHS Manager
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Company Official
Entity Name:	Elizabeth Zimmermann
Entity Title:	Director, Global EH&S
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Lead Project Manager
Entity Name:	Eric Chodoroff
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Company
Entity Name:	WESTERN DIGITAL CORP
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Type Desc: Parent Company
Entity Name: WESTERN DIGITAL CORP
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: DENISE LLOYD
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087176196,

Affiliation Type Desc: Technical Contact
Entity Name: Marc Mitchell
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178286,

Affiliation Type Desc: Public Contact
Entity Name: ELIZABETH ZIMMERMANN
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178168,

Name: WESTERN DIGITAL TECHNOLOGIES, INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 122783
CERS ID: 95193BMXXX5600C
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Julie Pettijohn
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Type Desc:	Technical Contact
Entity Name:	Joanne Wells
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087178762,

Affiliation Type Desc:	Company Official
Entity Name:	Denise Lloyd
Entity Title:	EHS Manager
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Company Official
Entity Name:	Elizabeth Zimmermann
Entity Title:	Director, Global EH&S
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Lead Project Manager
Entity Name:	Eric Chodoroff
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Company
Entity Name:	WESTERN DIGITAL CORP
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Parent Company
Entity Name:	WESTERN DIGITAL CORP
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: DENISE LLOYD
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087176196,

Affiliation Type Desc: Technical Contact
Entity Name: Marc Mitchell
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178286,

Affiliation Type Desc: Public Contact
Entity Name: ELIZABETH ZIMMERMANN
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178168,

Name: WESTERN DIGITAL TECHNOLOGIES, INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 122783
CERS ID: 95193BM 5600C
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Julie Pettijohn
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Technical Contact
Entity Name: Joanne Wells
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178762,

Affiliation Type Desc: Company Official
Entity Name: Denise Lloyd
Entity Title: EHS Manager
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Company Official
Entity Name: Elizabeth Zimmermann
Entity Title: Director, Global EH&S
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Lead Project Manager
Entity Name: Eric Chodoroff
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Company
Entity Name: WESTERN DIGITAL CORP
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Parent Company
Entity Name: WESTERN DIGITAL CORP
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: DENISE LLOYD
Entity Title: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087176196,

Affiliation Type Desc: Technical Contact
Entity Name: Marc Mitchell
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178286,

Affiliation Type Desc: Public Contact
Entity Name: ELIZABETH ZIMMERMANN
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178168,

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 472512
CERS ID: 110064259261
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 951191003
Site ID: 607944
CERS ID: CAD990843989
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Information Request
Eval Date: 02-14-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2007
Violations Found: No
Eval Type: DTSC Focused Compliance Inspection
Eval Notes: Focused Compliance Inspection - Universal Waste Electronics Recycler
Eval Division: Department of Toxic Substances Control

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2001
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2003
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-1986
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2002
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 09-25-2003
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 05-23-2001
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-1996
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 1996-08-16 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-1989
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-29-1988
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-04-1994
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-1999
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 1999-12-13 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2004
Violations Found: No
Eval Type: DTSC Focused Compliance Inspection
Eval Notes: Focused Compliance Inspection - Universal Waste Electronics Recycler
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Enforcement Action:

Site ID:	607944
Site Name:	IBM CORPORATION
Site Address:	5601 GREAT OAKS PKWY
Site City:	SAN JOSE
Site Zip:	951191003
Enf Action Date:	05-18-1990
Enf Action Type:	Federal Consent Order with Enforcement and Settlement
Enf Action Description:	Federal Consent Order with Enforcement and Settlement
Enf Action Notes:	Not reported
Enf Action Division:	Department of Toxic Substances Control
Enf Action Program:	DTSC_ENF
Enf Action Source:	ENVSTORHAZ,

Affiliation:

Affiliation Type Desc:	Facility Owner
Entity Name:	IBM CORPORATION
Entity Title:	Not reported
Affiliation Address:	1 NEW ORCHARD ROAD
Affiliation City:	ARMONK
Affiliation State:	NY
Affiliation Country:	Not reported
Affiliation Zip:	105040000
Affiliation Phone:	9144991900,
Affiliation Type Desc:	Facility Contact
Entity Name:	LARENE CAMERON
Entity Title:	Not reported
Affiliation Address:	8976 WELLINGTON RD
Affiliation City:	MANASSAS
Affiliation State:	VA
Affiliation Country:	Not reported
Affiliation Zip:	20109
Affiliation Phone:	7203975658,

Name:	LINDE INC.
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	130821
CERS ID:	10509460
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	130821
Site Name:	Linde Inc.
Violation Date:	06-05-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Facility has not established a HMBP for the reporting of the liquid nitrogen, calibration gas, oil and salt. IGNORE THE CORRECTIVE ACTION BELOW AND ESTABLISH AN ACCOUNT ON THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) WWW.CERS.CALEPA.CA.GOV AND REPORT THE CHEMICALS NOTED ABOVE.

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LINDE Facility generates compressed gaseous nitrogen (high purity) for use by HGST. Generate used oil and oily solids form maintenance of pumps, compressors, equipment. Waste is managed by HGST as part of a co-generator agreement. --55 gallon containers for liquid and solid wastes. Both empty at time of inspection. Doing weekly inspections of waste and materials storage areas. --will generate larger quantiteis of waste ever 4-5 years with media change out. Store nitrogen (liquid), oils, calibration gas (O2/N2) salt (for water softening) above HMBP quantities. Store below HMBP quantities of cooling tower water treatment chemicals, oils (various weights), aerosols, cleaning supplies.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Erik Liebrecht
Entity Title: Not reported
Affiliation Address: 2300 E Pacific Coast Highway
Affiliation City: Wilmington
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90744
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Linde Inc.
Entity Title: Not reported
Affiliation Address: 10 Riverview Drive
Affiliation City: Danbury
Affiliation State: CT
Affiliation Country: United States
Affiliation Zip: 06810
Affiliation Phone: (203) 837-2000,

Affiliation Type Desc: Property Owner
Entity Name: Western Digital
Entity Title: Not reported
Affiliation Address: 5601 Great Oaks Parkway
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95119-1003
Affiliation Phone: (408) 717-6255,

Affiliation Type Desc: Parent Corporation

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Entity Name: Linde Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Diana West
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Linde, Building 50 D Core, 5601 Great Oaks Pkwy
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Raymond Spruit
Entity Title: West Region Assoc. Dir, Ops - Standard Plants
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Linde Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Phone: (408) 717-6255,

Y150 **WESTERN DIGITAL TECHNOLOGIES INC** **EMI** **S123079495**
NE **5601 GREAT OAKS PKWY** **ICE** **N/A**
1/2-1 **SAN JOSE, CA 95119** **HWP**
0.696 mi. **HWTS**
3674 ft. **Site 2 of 4 in cluster Y** **HAZNET**
NPDES
Relative: Higher **CIWQS**
CERS

Actual: 196 ft.

EMI:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17.022774385
Reactive Organic Gases Tons/Yr:	11.697622228
Carbon Monoxide Emissions Tons/Yr:	2.502272906
NOX - Oxides of Nitrogen Tons/Yr:	4.093088529
SOX - Oxides of Sulphur Tons/Yr:	0.078941165
Particulate Matter Tons/Yr:	0.428740728
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.428120207

ICE:

Envirostor ID:	3000786
Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95193
EPA ID:	CAR000128793
Site Type:	INSPECTION
Facility Status:	No Action

Enforcement:

Action Type:	Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date:	03/05/2019

Inspection:

Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	06/25/2019
Violation Class:	Class 2, Minor
RTC Date:	07/10/2019
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	12/08/2021
Violation Class:	No Violations
RTC Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 12/21/2021
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 07/11/2019
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 02/13/2017
Violation Class: Class 1
RTC Date: 04/05/2017

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 10/12/2016
Violation Class: Class 1, Class 2, Minor
RTC Date: 07/15/2021

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/17/2014
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 05/22/2012
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 02/27/2014
Violation Class: Class 2
RTC Date: 04/11/2014

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 11/28/2011
Violation Class: Class 2, Minor
RTC Date: 09/07/2012

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 12/07/2005
Violation Class: Class 2, Minor
RTC Date: 08/28/2006

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 12/29/2005
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 03/20/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 01/27/2010

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 02/25/2008
Violation Class: Class 2
RTC Date: 04/25/2008

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 11/30/2009
Violation Class: No Violations
RTC Date: Not reported

HWP:
EPA ID: CAR000128793
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
Cleanup Status: OPERATING PERMIT
Latitude: 37.25003
Longitude: -121.7951
Facility Type: Permitted - Operating
Facility Size: Large Treatment
Supervisor: PHILLIP BLUM
Site Code: 201476, 500305
Senate District: 15
Assembly District: 25
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: QUARTERLY UPDATE Quarterly Update Period: April 1, 2023 to June 30, 2023 Permitting activity: Permit Maintenance The permit renewal was completed on May 24, 2022. FACILITY DESCRIPTION/HISTORY Western Digital Technologies, Inc. (aka WDT) operates the large hazardous waste treatment and storage facility located at 5601 Great Oaks Parkway, San Jose, Santa Clara County, California (the Facility). The Facility occupies approximately 158 acres of land in a commercial/light industrial zoned area at the southern end of the Santa Clara Valley. Between 1955 and 2002, IBM Corporation was the owner and operator of the Facility. In January 2003, IBM Corporation sold the Facility to Hitachi Global Storage, Technologies, Inc. In March 2012, Western Digital Corporation acquired Viviti Technologies, Ltd. in a stock purchase, and Hitachi Global Storage, Technologies, Inc. was renamed as HGST, Inc. On December 31, 2020, HGST, Inc. merged with Western Digital Technologies, Inc. who is the facility name, owner, and operator. WDT is permitted to treat and store hazardous waste. WDT designs, develops, and manufactures computer storage devices including hard disk drives, and disk drive components (disk drive heads, disk drive media, and various disk component assemblies). Manufacturing processes include photolithography, vacuum deposition, electroplating, chemical and vacuum etching, and precision machining. Hazardous wastes generated from these processes are either treated at the Facility or transported for recycling or disposal at an appropriate facility. WDT stores hazardous waste at the facility in containers and tanks. PERMITTING REGULATORY DESCRIPTION/HISTORY The Facility s first hazardous waste facility permit was issued in 1985 and renewed in 1992 while owned and operated by IBM Corporation under EPA identification number CAD990843989. IBM Corporation sold the

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility to HGST who acquired the new EPA identification number CAR000128793. The hazardous waste facility permit was transferred to HGST. A new hazardous waste facility

Project Manager Lead: NADINE DOUGHMAN
Project Manager: NADINE DOUGHMAN
Permit Type: RCRA
Permit Effective Date: 05/24/2022 (OP),
Permit Expiration Date: 05/25/2032 (OP),
Calenviroscreen Score: 26-30%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: 0

Activities:

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date: 11/27/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-19 00:00:00
Type: RCRA
Title Description: Admin changes to Operations Plan
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

	General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CLASS DETERMINATION
Actual Date:	03/17/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	7/29, Sent supervisor’s comments to HGST in an email.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date:	07/29/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 2/4/2020, Lori sent letter that tank assessments meet requirements.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - TECHNICAL REVIEW COMPLETED
Actual Date:	02/04/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date: 07/13/2011

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: 11/30/2020
Comments: Public notice documents were translated.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 11/30/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2005-05-16 00:00:00
Type: RCRA
Title Description: New Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

	03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date:	03/11/2005
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	06/30/2021
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	07/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class Determination - Agency Initiated
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 3: Ownership changes, stock change
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class Determination - Agency Initiated - FINAL PERMIT MODIFICATION
Actual Date:	03/15/2013
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class Determination - Agency Initiated
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type:	RCRA
Title Description:	Permit Mod No. 3: Ownership changes, stock change
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class Determination - Agency Initiated - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	05/16/2005
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2015-03-09 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 4: Re-route Process Pipes
Due Date:	03/09/2015
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	03/09/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - DISCLOSURE (CLEARED)
Actual Date:	04/24/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2015-03-09 00:00:00
Type: RCRA
Title Description: Permit Mod No. 4: Re-route Process Pipes
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date: 10/31/2014

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date: Not reported
Comments: Revised Partial CP submitted on 10/28/2011,
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 04/04/2012

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: 8/20, Received revised work plan. 9/1, Sent approval letter.
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date: 08/20/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	11/19/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EXPIRES)
Actual Date:	11/19/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	09/03/2020

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EXPIRES)
Actual Date:	09/03/2030

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Received response with revised plan on 4/10.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date:	04/10/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Received request letter on 5/12/2021.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

LETTER
Actual Date: 05/12/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: DTSC modified the permit with the new name.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date: 04/15/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: Not reported
Comments: WDT sent letter requesting expedited reviews. 7/27/2021, sent GSU comments to WDT on the Sampling Plan dated 6/22/2021.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 07/27/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CLASS DETERMINATION
Actual Date:	11/27/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	EDA and Addendum to the EIR was completed on 3/28/2019.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - DRAFT CEQA
Actual Date:	03/28/2019

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - MODIFICATION REQUEST / CLASS DETERMINATION REQUEST
Actual Date: 08/24/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: Had a meeting with FR Unit on 12/15. Revised Part A submitted on 12/1. Revised Part B application dated 1/4/2021.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 12/15/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2005-05-16 00:00:00
Type: RCRA
Title Description: New Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 03/11/2005

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-09-03 00:00:00
Type: RCRA
Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Rebecca D. will use Addendum to EIR for tank closures. A seperate Notice of Determination will be sent to the Clearinghouse.
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - CEQA CONSULTATION
Actual Date: 08/31/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: Not reported
Comments: Rob prepared an Addendum to the EIR.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - CEQA CONSULTATION
Actual Date: 08/24/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No.8 - Closure of 9 Tanks
Due Date: Not reported
Comments: Not reported
Unit Names: Tank Farm B, Waste Vault 67
Event Description: Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Actual Date:	10/04/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 1/25/2022, we received the greenlight from the Director to public notice. The final permit was signed on 5/24/22 and became effective on the same day per CCR 66271.14 because no public comments were received, no public hearing/meeting so the permit becomes effective when it is signed.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date:	05/25/2032
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	EDA and Addendum to the EIR was completed on 3/28/2019.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL CEQA
Actual Date:	03/28/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Public notice in English and Spanish.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	05/17/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	10/01/2019

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	On 4/10, received revised soil sampling plan per GSU memo. 4/24 sent approval letter. 9/15 received draft subsurface sampling rprt. 12/22 sent GSU memo. Received rprt. 2/24 sent GSU memo. 4/10 WDT sent revisions. 5/3 sent GSU memo.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Event Description: Mod Class 1* - Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date: 01/05/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 9: Closure of 16 Tanks
Due Date: Not reported
Comments: DTSC reviewed the first Work Plan (WP) submitted on 8/02/2019 for tank decon. On 8/27/2019, DTSC sent a comment letter. 1/21/2020, subsurface sampling plan submitted. 3/11/20, sent letter with GSU memo on the subsurface sampling plan w 4/10 deadline.
Unit Names: Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description: Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 03/11/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: 11/30/2020
Comments: Not reported
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date: 11/19/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Closure Report dated 11/9. Cover letter dated 11/11.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date:	11/11/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date:	05/11/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	05/24/2022
Comments:	On 1/25/2022, we received the greenlight from the Director to public notice. The final permit was signed on 5/24/22 and became effective on the same day per CCR 66271.14 because no public comments were received, no public hearing/meeting so the permit becomes effective when it is signed.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date:	05/24/2022
EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 1/25/2022, we received the greenlight from the Director to public notice. The final permit was signed on 5/24/22 and became effective on the same day per CCR 66271.14 because no public comments were received, no public hearing/meeting so the permit becomes effective when it is signed.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date:	05/24/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Community Survey mailed 4/7/17. Community Profile Report 5/15/2017.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - PUBLIC NOTICE - PERMIT RECEIVED
Actual Date:	05/15/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Sent 1st part of partial 2nd NOD on 11/8/2017 for ESPO comment memo for CCE. Sent 2nd part of partial 2nd NOD on 12/14/2017 for ESPO comment memo on tank assessments.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date:	12/14/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	05/17/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

	BY PERMITTEE
Actual Date:	10/03/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Updated permit app dated 4/30/2021.FR Unit approved FA in new owner name on 5/11/2021 in an email.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date:	04/30/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Final subsurface sampling report submitted on 5/9/2022.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	08/30/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	NOD filed at Clearinghouse on 9/1/22.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - FINAL CEQA FILED
Actual Date:	09/01/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date:	10/01/2019

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	03/17/2021

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	03/11/2005

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Addendum to EIR signed by BC on 9/21.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	09/21/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type: RCRA
Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Request letter dated 8/24/2020.
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 08/24/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 06/08/2012

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 03/15/2013

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	05/15/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	07/01/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - TECHNICAL REVIEW BEGIN
Actual Date:	03/17/2015

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 9: Closure of 16 Tanks
Due Date: Not reported
Comments: Addendum to EIR signed on 9/21.
Unit Names: Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description: Mod Class 1* - Prior Approval Required - DRAFT CEQA DOC FOR PUBLIC REVIEW
Actual Date: 09/21/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: Not reported
Comments: Printed in newspaper on 5/21.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date: 05/21/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - ADMINISTRATIVE REVIEW APPROVED
Actual Date: 03/17/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 9: Closure of 16 Tanks
Due Date: 07/16/2021
Comments: Not reported
Unit Names: Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description: Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 07/15/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 03/15/2013

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	05/16/2005
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	12/15/2014
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - APPLICATION PART A RECEIVED
Actual Date:	11/15/2014
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	8/3/2016, DTSC responded the extension request to 9/30/2016 and an intial response letter to identify item by item response to comments with concurrence or disagreements with options provided. On 8/30/2016 HGST e-mailed initial response letter. On 9/30/2016, HGST submitted a revised OP to respond to 1st NOD. CEQA-EDA submitted on 10/31/2016.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 10/31/2016

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2017-05-17 00:00:00
Type: RCRA
Title Description: Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 06/30/2018

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2017-05-17 00:00:00
Type: RCRA
Title Description: Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE OF MOD BY PERMITTEE
Actual Date: 05/16/2017

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Letter emailed on 1/6 and mailed by certified mail on 1/7.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	01/06/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	04/19/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	8/19, sent WDT approval letter for revised Sampling Plan dated 8/5. On 1/31/22, received revised Sampling Report. 4/8/22, sent HERO comments lttr.

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date: 08/19/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: Received letter on 7/1. Letter dated 6/26.
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 07/01/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No.8 - Closure of 9 Tanks
Due Date: Not reported
Comments: Not reported
Unit Names: Tank Farm B, Waste Vault 67
Event Description: Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date: 10/10/2019

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-09-03 00:00:00
Type: RCRA

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Notice of Determination filed with Clearinghouse.
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - FINAL CEQA FILED
Actual Date: 09/10/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-09-03 00:00:00
Type: RCRA
Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Rebecca prepared Addendum to EIR for tank closures that she will also use for this permit mod. Signed on 9/21/2020.
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date: 08/31/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2017-07-26 00:00:00
Type: RCRA
Title Description: Permit Mod No. 7: C1PM-No Prior Approval Name Change Only
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date: 05/31/2016

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date:	03/10/2005
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Mailed on 7/8. Email to mandatory email list sent on 7/27.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	07/08/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Addendum to EIR signed by acting BC on 9/21.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	09/21/2020
EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	09/03/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	2 work plans (WP) will be submitted. One WP for tank decon, wipe sampling, rinsate sampling, vault surface sampling, and dismantling tank. Second WP will be for subsurface sampling under vaults. 11/15 - first WP was submitted to DTSC. 11/22 - DTSC approved the first WP. Jan 2020 subsurface sampling plan was submitted. 3/11/20 sent GSU comments.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date:	03/11/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Due Date:	03/15/2022
Comments:	Supervisor reviewed it on 2/26.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - TECHNICAL COMPLETE LETTER
Actual Date:	03/15/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	07/30/2022
Comments:	Final subsurface sampling report submitted on 5/9/2022.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	08/30/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Revised partial CP submitted on 2/16/2012.
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	02/22/2012
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	2/18/2016 1st NOD issued.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	02/18/2016

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-07-26 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 7: C1PM-No Prior Approval Name Change Only
Due Date:	Not reported
Comments:	7/25/2017 - Facility withdrew permit mod request because the company has not decided on a name change yet or will not decide for a year or more. Facility sent a letter to rescind their permit mod request. 7/26/2017 - DTSC sent letter acknowledging the withdrawal of the permit modification request.
Unit Names:	Not reported
Event Description:	*Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION - WITHDRAWAL REQUEST RECEIVED
Actual Date:	07/25/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/17/2017

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class Determination - Agency Initiated
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 3: Ownership changes, stock change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class Determination - Agency Initiated - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/16/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2015-03-09 00:00:00
Type: RCRA
Title Description: Permit Mod No. 4: Re-route Process Pipes
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 03/09/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - DISCLOSURE (RECEIVED)
Actual Date:	02/17/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	Public notice is in Spanish and English.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	07/03/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Admin changes to the Ops Plan, Section H and Appendix E.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

MOD LETTER
Actual Date: 03/17/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 9: Closure of 16 Tanks
Due Date: Not reported
Comments: Spanish public notice in El Observador newspaper on 7/5. English public notice in San Jose Mercury News on 7/8.
Unit Names: Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description: Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date: 07/05/2019

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: On 2/4/2020, Lori sent letter that tank assessments meet requirements.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 02/04/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-09-03 00:00:00
Type: RCRA
Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date: 08/24/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: Not reported
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date: 07/01/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-09-03 00:00:00
Type: RCRA
Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Mailed on 8/28/2020.
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date: 08/28/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	No public hearing or meeting due to lack of interest based upon the community survey.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date:	05/03/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	05/15/2015

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2015-03-09 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 4: Re-route Process Pipes
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	05/15/2015

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 03/17/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 11/15/2014

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	In Newspaper on July 3. Spanish and English. Received affidavit on 7/6.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	07/03/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Published in Spanish and English newspaper on 8/28/2020.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	08/28/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	02/04/2022
Comments:	Final Permit App submitted on 2/4/2022. 25 closed tanks were removed from it.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date:	02/04/2022

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - CEQA DETERMINATION
Actual Date:	05/24/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	On 9/27/19, HGST submitted a revised first WP. DTSC approved it on 10/11/19. On 4/10/20, HGST submitted soil sampling plan. DTSC approved it on 4/24/20.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FUTHER INFORMATION RECEIVED
Actual Date:	04/24/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	04/19/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	05/16/2005
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Addendum to EIR was prepared.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - CEQA CONSULTATION
Actual Date:	08/31/2020
EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - CALL-IN LETTER ISSUED
Actual Date:	04/30/2014

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-07-26 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 7: C1PM-No Prior Approval Name Change Only
Due Date:	Not reported
Comments:	7/25/2017 - Facility withdrew permit mod request because the company has not decided on a name change yet or will not decide for a year or more. Facility sent a letter to rescind their permit mod request. 7/26/2017 - DTSC sent letter acknowledging the withdrawal of the permit modification request.
Unit Names:	Not reported
Event Description:	*Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date:	07/26/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	03/16/2022
Comments:	No public hearing or meeting due to lack of interest based upon the community survey.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	03/16/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date:	05/17/2017
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	05/17/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Final subsurface sampling report submitted on 5/9/2022.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EXPIRES)
Actual Date:	05/25/2023

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Updated permit app dated 4/30/2021.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date:	04/30/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	DTSC modified the permit with the new name.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	04/15/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	05/11/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Revised Part B received from Hitachi
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	05/23/2003
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Rob prepared an Addendum to the EIR.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	09/15/2021

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	Addendum to EIR signed 9/21.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - DRAFT CEQA TO OPEA
Actual Date:	09/21/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date:	05/15/2015

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type: RCRA
Title Description: New Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 05/16/2005

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2005-05-16 00:00:00
Type: RCRA
Title Description: New Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/16/2005

Closure:
EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: Not reported
Comments: Not reported
Unit Names: Waste Vault 29

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 03/08/2006

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Bottlewashers 1 & 2 Closure
Due Date: Not reported
Comments: See Permit Mod #10
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 11/19/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Bottlewashers 1 & 2 Closure
Due Date: Not reported
Comments: See Permit Mod #10
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 11/19/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of 16 Tanks & Waste Vaults 03, 12, 19, 26
Due Date: Not reported
Comments: Closure certification of tanks is in a separate report than the subsurface sampling report.
Unit Names: Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 26
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 05/22/2021

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 9 Tanks, Waste Vault 67 & CTF-B
Due Date:	Not reported
Comments:	Emailed letter to WDT on 7/15/2021.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	07/15/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - RESPONSE TO 3RD NOD RECEIVED
Actual Date:	08/09/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Closure Plan dated 5/28. Subsurface Sampling Plan dated 8/05.
Unit Names:	Waste Vault 45
Event Description:	Closure - CLOSURE PLAN RECEIVED
Actual Date:	05/28/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	08/05/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	07/27/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	07/30/2022
Comments:	Acknowledgement lttr dated 8/30/2022.
Unit Names:	Waste Vault 45
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	08/30/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date:	12/10/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Closure Plan approved on 8/27. Subsurface Sampling Plan approved on 8/19.
Unit Names:	Waste Vault 45
Event Description:	Closure - CLOSURE PLAN APPROVED
Actual Date:	08/27/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 9 Tanks, Waste Vault 67 & CTF-B
Due Date:	Not reported
Comments:	The Tanks Closure Certification report is separate from the subsurface sampling report.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date:	05/22/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Received final subsurface sampling report dated 5/9/22.
Unit Names:	Waste Vault 45
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date:	05/09/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 16 Tanks & Waste Vaults 03, 12, 19, 26
Due Date:	Not reported
Comments:	Emailed letter on 7/15 to WDT.
Unit Names:	Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 26
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	07/15/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - 3RD NOTICE OF DEFICIENCY ISSUED
Actual Date:	04/08/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: Closure Plan dated 5/28.
Unit Names: Waste Vault 45
Event Description: Closure - CLOSURE PLAN REQUESTED
Actual Date: 05/28/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: Request letter dated 5/12.
Unit Names: Waste Vault 45
Event Description: Closure - CLOSURE NOTICE RECEIVED
Actual Date: 05/12/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: Rob Irving prepared an Addendum to the EIR.
Unit Names: Waste Vault 45
Event Description: Closure - DRAFT CEQA
Actual Date: 08/24/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Bottlewashers 1 & 2 Closure
Due Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Comments: See Permit Mod #10
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 11/19/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: Not reported
Comments: Not reported
Unit Names: Waste Vault 29
Event Description: Closure - CLOSURE NOTICE RECEIVED
Actual Date: 11/01/2005

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: 05/30/2016
Comments: Not reported
Unit Names: Waste Vault 29
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 04/04/2016

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: See Permit Mod No. 13.
Unit Names: Waste Vault 45
Event Description: Closure - RESPONSE TO 2ND NOD RECEIVED

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Actual Date:	01/29/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	NOD was submitted to State Clearinghouse on 9/1/22.
Unit Names:	Waste Vault 45
Event Description:	Closure - CEQA DETERMINATION
Actual Date:	09/01/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Rob Irving prepared an Addendum to the EIR.
Unit Names:	Waste Vault 45
Event Description:	Closure - FINAL CEQA
Actual Date:	09/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date:	11/30/2016
Comments:	Berkeley Clean-up approved closure as part of HGST s Corrective Action.
Unit Names:	Waste Vault 29
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	01/22/2016

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: Not reported
Comments: Not reported
Unit Names: Waste Vault 29
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 01/20/2006

Maint:
EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Certification Report for Splitter Box Tank T-707 Structural Repairs
Document Type: Certification Documents from Facility
Receive Date: 06/14/2018
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: WDT: 2021 VSP
Document Type: Meeting with Facility
Receive Date: 03/03/2022
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Annual Waste Minimization Certification 2018
Document Type: Certification Documents from Facility
Receive Date: 01/15/2018
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 2020 Waste Minimization Certification
Document Type: Certification Documents from Facility
Receive Date: 01/23/2020
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 2021 Waste Minimization Certificate
Document Type: Certification Documents from Facility
Receive Date: 01/25/2021
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 02/23/2022
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 02/26/2023
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 03/01/2021
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Annual Waste Minimization Certification 2019
Document Type: Certification Documents from Facility
Receive Date: 01/09/2019
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: VSP Audits
Document Type: File Review Request
Receive Date: 06/28/2022
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: 06/28/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: VSP Audit Report 2023
Document Type: Correspondence
Receive Date: 08/03/2023
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: 07/11/2023

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Western Digital Technologies: Tier Challenge Public Meeting July 21st
Document Type: Meeting with Facility
Receive Date: 06/21/2021
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

Alias:
EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Project Code (Site Code)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Alias:	201476
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Facility Status:	OPERATING PERMIT
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Alias Type:	Project Code (Site Code)
Alias:	500305
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Facility Status:	OPERATING PERMIT
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Alias Type:	APN
Alias:	70607020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Facility Status:	OPERATING PERMIT
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Alias Type:	Former EPA ID
Alias:	CAD990843989
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Facility Status:	OPERATING PERMIT
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Alias Type:	Alternate Name
Alias:	HGST, Inc.
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Facility Status:	OPERATING PERMIT
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Alias Type:	Alternate Name
Alias:	HITACHI GLOBAL STORAGE TECHNOLOGIES, INC (HGST)
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Facility Status:	OPERATING PERMIT
Project Manager:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Alternate Name
Alias: IBM CORPORATION

HWTS:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAR000128793
Inactive Date: Not reported
Create Date: 03/04/2003
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 5601 GREAT OAKS PKWY
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951191003
Owner Name: WESTERN DIGITAL TECHNOLOGIES INC
Owner Address: 5601 GREAT OAKS PKWY
Owner Address 2: Not reported
Owner City,State,Zip: SAN JOSE, CA 951191003
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: DENISE W LLOYD
Contact Address: 5601 GREAT OAKS PKWY
Contact Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191003
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.24612
Longitude: -121.79442

NAICS:
EPA ID: CAR000128793
Create Date: 2003-10-23 13:13:52.000
NAICS Code: 334112
NAICS Description: Computer Storage Device Manufacturing
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: Not reported
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

HAZNET:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
Address 2: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

City,State,Zip: SAN JOSE, CA 951191003
Contact: DENISE W LLOYD
Telephone: 4087176196
Mailing Name: Not reported
Mailing Address: 5601 GREAT OAKS PKWY

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H020 - Solvents Recovery
Tons: 4.094

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: UTD991301748
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.3835

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 22.3015

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: UTD991301748
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 13.23504

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.49

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: NED981723513
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 19.687

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 512 - Other empty containers 30 gallons or more

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.64
Year:	2021
Gepaid:	CAR000128793
TSD EPA ID:	UTD991301748
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	1.373
Year:	2021
Gepaid:	CAR000128793
TSD EPA ID:	NVD980895338
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H100 -
Tons:	0.237
Year:	2021
Gepaid:	CAR000128793
TSD EPA ID:	CAD008302903
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H020 - Solvents Recovery
Tons:	2.88574

Click this hyperlink while viewing on your computer to access
794 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2021
Gen EPA ID:	CAR000128793
Shipment Date:	9/3/2020
Creation Date:	9/28/2020
Receipt Date:	9/8/2020
Manifest ID:	011840049FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	15.1632
Waste Quantity:	4212
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	9/29/2020
Creation Date:	10/22/2020
Receipt Date:	10/2/2020
Manifest ID:	011840057FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	17.8992
Waste Quantity:	4972
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.15
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.6
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/26/2020
Creation Date:	10/28/2020
Receipt Date:	10/8/2020
Manifest ID:	015465383FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.4425
Waste Quantity:	8885
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	7.8485
Waste Quantity:	15697
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002,D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.2075
Waste Quantity:	415
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	4.675
Waste Quantity:	9350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D001,D002,D007,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.581
Waste Quantity:	1162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D001,D002
Meth Code:	H070 - Not reported
Quantity Tons:	0.9405
Waste Quantity:	1881
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAR000128793

Shipment Date:	9/3/2020
Creation Date:	9/28/2020
Receipt Date:	9/8/2020
Manifest ID:	011840049FLE
Trans EPA ID:	ARR000016055

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	15.1632
Waste Quantity:	4212
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/29/2020
Creation Date:	10/22/2020
Receipt Date:	10/2/2020
Manifest ID:	011840057FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	17.8992
Waste Quantity:	4972
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.6
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.15
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/26/2020
Creation Date:	10/28/2020
Receipt Date:	10/8/2020
Manifest ID:	015465383FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.4425
Waste Quantity:	8885
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	4.675
Waste Quantity:	9350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002,D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.2075
Waste Quantity:	415
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	7.8485
Waste Quantity:	15697
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D001,D002,D007,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.581
Waste Quantity:	1162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D001,D002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H070 - Not reported
Quantity Tons:	0.9405
Waste Quantity:	1881
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	853597b1-c574-41d0-a720-fefde9f05cb4
Shipment Date:	9/26/2020
Receipt Date:	10/8/2020
Manifest Number:	015465383FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Denise Lloyd
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	2500 West Lokern Road
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	853597b1-c574-41d0-a720-fefde9f05cb4
Generator EPA ID:	CAR000128793
Shipment Date:	2020-09-26
Manifest Number:	015465383FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	4.44250
Quantity Waste:	8885.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2020
EM Manifest ID:	d1133182-8fac-42d1-939c-91665623c428
Shipment Date:	9/22/2020

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Receipt Date:	9/24/2020
Manifest Number:	014454775FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	2500 West Lokern Road
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	d1133182-8fac-42d1-939c-91665623c428
Generator EPA ID:	CAR000128793
Shipment Date:	2020-09-22
Manifest Number:	014454775FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	21.09150
Quantity Waste:	42183.000000
Quantity Unit:	P
Number of Containers:	20
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2020
EM Manifest ID:	9090b21e-dd59-4e44-97b9-11314291961c
Shipment Date:	8/4/2020
Receipt Date:	8/12/2020
Manifest Number:	011840040FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	ARR000016055
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	ARR000016055
Transporter 2 Emergency Number:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF EPA ID: ILD005450697
TSDF Name: Clean Harbors Recycling Services of Chicago, LLC
TSDF Address 1: 1445 W 42nd Street
TSDF Address 2: Not reported
TSDF City: Chicago
TSDF Zip: 60609
TSDF Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 9090b21e-dd59-4e44-97b9-11314291961c
Generator EPA ID: CAR000128793
Shipment Date: 2020-08-04
Manifest Number: 011840040FLE
Line Number: 1
Method Code: H020
Quantity Tons: 13.91760
Quantity Waste: 3866.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Cargo tanks (tank trucks)
Quantity Type: Gallons
State Code: 214

Year: 2020
EM Manifest ID: 1625e6b3-09c2-41c8-ae48-9c64b852f984
Shipment Date: 8/14/2020
Receipt Date: 8/28/2020
Manifest Number: 015171238FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD980675276
TSDF Name: Clean Harbors Buttonwillow LLC
TSDF Address 1: 2500 West Lokern Road
TSDF Address 2: Not reported
TSDF City: Buttonwillow
TSDF Zip: 93206
TSDF Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 1625e6b3-09c2-41c8-ae48-9c64b852f984
Generator EPA ID: CAR000128793
Shipment Date: 2020-08-14
Manifest Number: 015171238FLE
Line Number: 1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H132
Quantity Tons:	4.46100
Quantity Waste:	8922.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2020
EM Manifest ID:	9315a166-eed4-4f07-9abb-a961a805b417
Shipment Date:	7/31/2020
Receipt Date:	8/27/2020
Manifest Number:	015172683FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	Clean Harbors Environmental Services, Inc.
TSDF Address 1:	2247 South Highway 71
TSDF Address 2:	Not reported
TSDF City:	Kimball
TSDF Zip:	69145
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	9315a166-eed4-4f07-9abb-a961a805b417
Generator EPA ID:	CAR000128793
Shipment Date:	2020-07-31
Manifest Number:	015172683FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.25300
Quantity Waste:	506.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2020
EM Manifest ID:	9315a166-eed4-4f07-9abb-a961a805b417
Generator EPA ID:	CAR000128793
Shipment Date:	2020-07-31

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Manifest Number:	015172683FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.25300
Quantity Waste:	506.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2020
EM Manifest ID:	40c16554-a0e8-4e30-892a-2cbf4673638f
Shipment Date:	7/31/2020
Receipt Date:	8/27/2020
Manifest Number:	015172684FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	40c16554-a0e8-4e30-892a-2cbf4673638f
Generator EPA ID:	CAR000128793
Shipment Date:	2020-07-31
Manifest Number:	015172684FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.52600
Quantity Waste:	1052.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	214

Year:	2020
EM Manifest ID:	561ee9ef-3573-4b14-bb5c-5eb92980149f
Shipment Date:	7/31/2020

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Receipt Date:	8/17/2020
Manifest Number:	015172682FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD991301748
TSDF Name:	Clean Harbors Grassy Mountain LLC
TSDF Address 1:	3 Miles East 7 Miles North of Knolls
TSDF Address 2:	Exit 41 off I-80
TSDF City:	Grantsville
TSDF Zip:	84029
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	561ee9ef-3573-4b14-bb5c-5eb92980149f
Generator EPA ID:	CAR000128793
Shipment Date:	2020-07-31
Manifest Number:	015172682FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	1.28350
Quantity Waste:	2567.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

State:

Year:	2020
EM Manifest ID:	561ee9ef-3573-4b14-bb5c-5eb92980149f
Generator EPA ID:	CAR000128793
Shipment Date:	2020-07-31
Manifest Number:	015172682FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	1.28350
Quantity Waste:	2567.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2020
EM Manifest ID:	561ee9ef-3573-4b14-bb5c-5eb92980149f

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2020-07-31
Manifest Number:	015172682FLE
Line Number:	2
Method Code:	H132
Quantity Tons:	4.90050
Quantity Waste:	9801.000000
Quantity Unit:	P
Number of Containers:	22
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2020
EM Manifest ID:	886642
Shipment Date:	6/17/2019
Receipt Date:	7/10/2019
Manifest Number:	011839936FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY B109/RM 523
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	877-577-2669
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	1
Method Code:	H121
Quantity Tons:	1.19950
Quantity Waste:	2399.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002

Year:	2020
EM Manifest ID:	886642

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	1
Method Code:	H121
Quantity Tons:	1.19950
Quantity Waste:	2399.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	1
Method Code:	H121
Quantity Tons:	1.19950
Quantity Waste:	2399.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D008

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	1
Method Code:	H121
Quantity Tons:	1.19950
Quantity Waste:	2399.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D011

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	3
Method Code:	H010
Quantity Tons:	0.14050
Quantity Waste:	281.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	3
Method Code:	H010
Quantity Tons:	0.14050
Quantity Waste:	281.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	5
Method Code:	H070
Quantity Tons:	0.72400
Quantity Waste:	1448.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	5

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code: H070
Quantity Tons: 0.72400
Quantity Waste: 1448.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950
Quantity Waste: 2399.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Portable tanks
Quantity Type: Pounds
State Code: 726

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950
Quantity Waste: 2399.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Portable tanks
Quantity Type: Pounds
State Code: 792

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 2
Method Code: H121
Quantity Tons: 0.24150
Quantity Waste: 483.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 726

Year: 2020
EM Manifest ID: 886642

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	3
Method Code:	H010
Quantity Tons:	0.14050
Quantity Waste:	281.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	726

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	5
Method Code:	H070
Quantity Tons:	0.72400
Quantity Waste:	1448.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2020
EM Manifest ID:	43734ddf-e57d-477f-85a5-9ee66926e9a3
Shipment Date:	5/4/2020
Receipt Date:	5/13/2020
Manifest Number:	014574783FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	43734ddf-e57d-477f-85a5-9ee66926e9a3
Generator EPA ID:	CAR000128793
Shipment Date:	2020-05-04
Manifest Number:	014574783FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	1.77000
Quantity Waste:	3540.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	214

Year:	2020
EM Manifest ID:	43734ddf-e57d-477f-85a5-9ee66926e9a3
Generator EPA ID:	CAR000128793
Shipment Date:	2020-05-04
Manifest Number:	014574783FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	1.13750
Quantity Waste:	2275.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	352

Year: 2020

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EM Manifest ID: 43734ddf-e57d-477f-85a5-9ee66926e9a3
Generator EPA ID: CAR000128793
Shipment Date: 2020-05-04
Manifest Number: 014574783FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.74150
Quantity Waste: 1483.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 181

Year: 2020
EM Manifest ID: 36acc252-4c98-40b7-8b98-2226a1c90141
Shipment Date: 5/4/2020
Receipt Date: 5/15/2020
Manifest Number: 014574782FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD980675276
TSDF Name: Clean Harbors Buttonwillow LLC
TSDF Address 1: 2500 West Lokern Road
TSDF Address 2: Not reported
TSDF City: Buttonwillow
TSDF Zip: 93206
TSDF Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 36acc252-4c98-40b7-8b98-2226a1c90141
Generator EPA ID: CAR000128793
Shipment Date: 2020-05-04
Manifest Number: 014574782FLE
Line Number: 1
Method Code: H132
Quantity Tons: 0.69050
Quantity Waste: 1381.000000
Quantity Unit: P
Number of Containers: 5
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 181

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Detail Two:

Year:	2019
EM Manifest ID:	531063
Shipment Date:	8/9/2019
Receipt Date:	8/19/2019
Manifest Number:	001524468VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	ILD098642424
TSDF Name:	VEOLIA TECHNICAL SOLUTIONS LLC
TSDF Address 1:	7 MOBILE AVE
TSDF Address 2:	Not reported
TSDF City:	SAUGET
TSDF Zip:	62201
TSDF Telephone:	Not reported

State:

Year:	2019
EM Manifest ID:	531063
Generator EPA ID:	CAR000128793
Shipment Date:	2019-08-09
Manifest Number:	001524468VES
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Cylinders
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	641258
Shipment Date:	8/19/2019
Receipt Date:	9/17/2019
Manifest Number:	013234207FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	PO Box 787
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	641258
Generator EPA ID:	CAR000128793
Shipment Date:	2019-08-19
Manifest Number:	013234207FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	1.50000
Quantity Waste:	3000.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2019
EM Manifest ID:	791110
Shipment Date:	8/19/2019
Receipt Date:	9/4/2019
Manifest Number:	013234208FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	COD991300484
TSDF Name:	Clean Harbors Deer Trail LLC
TSDF Address 1:	108555 East Highway 36
TSDF Address 2:	Not reported
TSDF City:	Deer Trail
TSDF Zip:	80105
TSDF Telephone:	800-483-3718

State:

Year:	2019

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EM Manifest ID:	791110
Generator EPA ID:	CAR000128793
Shipment Date:	2019-08-19
Manifest Number:	013234208FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	0.75000
Quantity Waste:	1500.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	434208
Shipment Date:	7/9/2019
Receipt Date:	7/12/2019
Manifest Number:	001723873VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	1704 W FIRST ST
TSDF Address 2:	Not reported
TSDF City:	AZUSA
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08800
Quantity Waste:	176.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08800
Quantity Waste:	176.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Federal Code:	D003
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U219
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.09600
Quantity Waste:	192.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.06800
Quantity Waste:	136.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	11
Method Code:	H141

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	0.04850
Quantity Waste:	97.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08800
Quantity Waste:	176.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.09450
Quantity Waste:	189.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05250
Quantity Waste:	105.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.09600
Quantity Waste:	192.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.06800
Quantity Waste:	136.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
State Code:	792
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.04850
Quantity Waste:	97.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434209
Shipment Date:	7/8/2019
Receipt Date:	7/12/2019
Manifest Number:	001723875VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	1704 W FIRST ST
TSDF Address 2:	Not reported
TSDF City:	AZUSA

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Zip: 91702
TSDF Telephone: Not reported

Federal:
Year: 2019
EM Manifest ID: 434209
Generator EPA ID: CAR000128793
Shipment Date: 2019-07-08
Manifest Number: 001723875VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: D003

Year: 2019
EM Manifest ID: 434209
Generator EPA ID: CAR000128793
Shipment Date: 2019-07-08
Manifest Number: 001723875VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
Federal Code: P106

State:
Year: 2019
EM Manifest ID: 434209
Generator EPA ID: CAR000128793
Shipment Date: 2019-07-08
Manifest Number: 001723875VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 181

Year: 2019
EM Manifest ID: dc1db7e6-f4b6-41c9-b0f2-ad0329e34877
Shipment Date: 6/14/2019
Receipt Date: 6/20/2019
Manifest Number: 013209224FLE
Generator EPA ID: CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	dc1db7e6-f4b6-41c9-b0f2-ad0329e34877
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209224FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.33650
Quantity Waste:	673.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	223

Year:	2019
EM Manifest ID:	310d82d7-9e45-450e-acaf-29a4a88a405d
Shipment Date:	6/14/2019
Receipt Date:	6/26/2019
Manifest Number:	013209221FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	PO Box 787

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Address 2: Not reported
TSDF City: Buttonwillow
TSDF Zip: 93206
TSDF Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 310d82d7-9e45-450e-acaf-29a4a88a405d
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-14
Manifest Number: 013209221FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.01000
Quantity Waste: 2020.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 151

Year: 2019
EM Manifest ID: 88a698d8-01ca-4148-b600-27a43179a6b5
Shipment Date: 6/14/2019
Receipt Date: 6/27/2019
Manifest Number: 013209222FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD991301748
TSDF Name: Clean Harbors Grassy Mountain LLC
TSDF Address 1: PO Box 22750
TSDF Address 2: Not reported
TSDF City: Salt Lake City
TSDF Zip: 84122
TSDF Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 88a698d8-01ca-4148-b600-27a43179a6b5
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-14
Manifest Number: 013209222FLE
Line Number: 1
Method Code: H132
Quantity Tons: 0.83100
Quantity Waste: 1662.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151
Year:	2019
EM Manifest ID:	88a698d8-01ca-4148-b600-27a43179a6b5
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209222FLE
Line Number:	2
Method Code:	H132
Quantity Tons:	5.81200
Quantity Waste:	11624.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	132
Year:	2019
EM Manifest ID:	88a698d8-01ca-4148-b600-27a43179a6b5
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209222FLE
Line Number:	3
Method Code:	H132
Quantity Tons:	0.49650
Quantity Waste:	993.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	291
Year:	2019
EM Manifest ID:	00b762c6-17bd-44ca-9113-73fa3def7060
Shipment Date:	5/9/2019
Receipt Date:	5/21/2019
Manifest Number:	013469669FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Mailstop 109/Room 523
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD991301748
TSDF Name:	Clean Harbors Grassy Mountain LLC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Address 1: PO Box 22750
TSDF Address 2: Not reported
TSDF City: Salt Lake City
TSDF Zip: 84122
TSDF Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 00b762c6-17bd-44ca-9113-73fa3def7060
Generator EPA ID: CAR000128793
Shipment Date: 2019-05-09
Manifest Number: 013469669FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.71050
Quantity Waste: 3421.000000
Quantity Unit: P
Number of Containers: 7
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 133

Year: 2019
EM Manifest ID: 21a46b7d-eeaa-44d5-8b29-070a3f91776c
Shipment Date: 5/9/2019
Receipt Date: 5/22/2019
Manifest Number: 013469668FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Mailstop 109/Room 523
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD980675276
TSDF Name: Clean Harbors Buttonwillow LLC
TSDF Address 1: PO Box 787
TSDF Address 2: Not reported
TSDF City: Buttonwillow
TSDF Zip: 93206
TSDF Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 21a46b7d-eeaa-44d5-8b29-070a3f91776c
Generator EPA ID: CAR000128793
Shipment Date: 2019-05-09
Manifest Number: 013469668FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.15650

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	2313.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	21a46b7d-eeaa-44d5-8b29-070a3f91776c
Generator EPA ID:	CAR000128793
Shipment Date:	2019-05-09
Manifest Number:	013469668FLE
Line Number:	2
Method Code:	H132
Quantity Tons:	0.68805
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	352

Detail Two:

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Shipment Date:	9/25/2017
Receipt Date:	10/13/2017
Manifest Number:	008768715FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	NED896382133
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980665560
TSDF Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	Not reported
Quantity Tons:	0.37650
Quantity Waste:	753.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.37650
Quantity Waste:	753.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	2
Method Code:	Not reported
Quantity Tons:	1.28250
Quantity Waste:	2565.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	2
Method Code:	Not reported
Quantity Tons:	1.28250
Quantity Waste:	2565.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	3
Method Code:	Not reported
Quantity Tons:	2.47900
Quantity Waste:	4958.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	3
Method Code:	Not reported
Quantity Tons:	2.47900
Quantity Waste:	4958.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type: NULL
Federal Code: D002

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 5
Method Code: Not reported
Quantity Tons: 0.72800
Quantity Waste: 1456.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
Federal Code: D007

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 5
Method Code: Not reported
Quantity Tons: 0.72800
Quantity Waste: 1456.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
Federal Code: D008

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 5
Method Code: Not reported
Quantity Tons: 0.72800
Quantity Waste: 1456.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
Federal Code: D011

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 6
Method Code: Not reported
Quantity Tons: 1.20700
Quantity Waste: 2414.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011

State:

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.37650
Quantity Waste:	753.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	223
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	2
Method Code:	Not reported
Quantity Tons:	1.28250
Quantity Waste:	2565.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
State Code:	792
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	3
Method Code:	Not reported
Quantity Tons:	2.47900
Quantity Waste:	4958.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
State Code:	792
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
State Code:	726
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	726

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
State Code:	726

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Shipment Date:	9/20/2017
Receipt Date:	9/27/2017
Manifest Number:	001234432VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAD982523433
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D035

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F003

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U003

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U161

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D003
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U070
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	6
Method Code:	H141
Quantity Tons:	1.34000
Quantity Waste:	2680.000000
Quantity Unit:	P
Number of Containers:	14
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	8

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.18300
Quantity Waste:	366.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	13
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	13
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D003
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	15
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	15
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F003

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	15
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F005

State:

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	6
Method Code:	H141
Quantity Tons:	1.34000
Quantity Waste:	2680.000000
Quantity Unit:	P
Number of Containers:	14
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.18300
Quantity Waste:	366.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	11
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	13
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	15
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	124947
Shipment Date:	9/18/2018
Receipt Date:	9/21/2018
Manifest Number:	001520757VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	107 SOUTH MOTOR AVENUE
TSDF Address 2:	Not reported
TSDF City:	IRWINDALE
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	124947

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.07250
Quantity Waste:	145.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.07250
Quantity Waste:	145.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

State:

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.21000
Quantity Waste:	420.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.07250
Quantity Waste:	145.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.07250
Quantity Waste:	145.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	001234224VES20170831_D_1
Shipment Date:	8/31/2017
Receipt Date:	9/18/2017
Manifest Number:	001234224VES
Generator EPA ID:	CAR000128793
Name:	HGST INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAT000624247
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	ILD098642424
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	001234224VES20170831_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-31
Manifest Number:	001234224VES
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	001234224VES20170831_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-31
Manifest Number:	001234224VES
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	001234224VES20170831_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-31
Manifest Number:	001234224VES
Line Number:	1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H040
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	115539
Shipment Date:	8/28/2018
Receipt Date:	9/12/2018
Manifest Number:	008768816FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Mailstop 109/Room 523
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	PO Box 787
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2018
EM Manifest ID:	115539
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-28
Manifest Number:	008768816FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	7.12600
Quantity Waste:	14252.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2018
EM Manifest ID:	198638
Shipment Date:	8/24/2018
Receipt Date:	9/24/2018
Manifest Number:	008768819FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY B109/RM 523
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	877-577-2669
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095039998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D007

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D008
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D011
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.26200
Quantity Waste:	524.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.26200
Quantity Waste:	524.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	4
Method Code:	H071
Quantity Tons:	0.47450
Quantity Waste:	949.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	4
Method Code:	H071
Quantity Tons:	0.47450
Quantity Waste:	949.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
State Code:	726

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type of Container:	Portable tanks
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.26200
Quantity Waste:	524.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	726
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	4
Method Code:	H071
Quantity Tons:	0.47450

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste: 949.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 792

Year: 2018
EM Manifest ID: 198638
Generator EPA ID: CAR000128793
Shipment Date: 2018-08-24
Manifest Number: 008768819FLE
Line Number: 5
Method Code: H141
Quantity Tons: 0.23800
Quantity Waste: 476.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 181

Year: 2018
EM Manifest ID: 008768687FLE20170814_D_1
Shipment Date: 8/14/2017
Receipt Date: 8/24/2017
Manifest Number: 008768687FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAD982523433
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD980675276
TSDF Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 008768687FLE20170814_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-08-14
Manifest Number: 008768687FLE
Line Number: 1
Method Code: H132
Quantity Tons: 18.75250

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	37505.000000
Quantity Unit:	P
Number of Containers:	27
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008

State:

Year:	2018
EM Manifest ID:	008768687FLE20170814_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-14
Manifest Number:	008768687FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	18.75250
Quantity Waste:	37505.000000
Quantity Unit:	P
Number of Containers:	27
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181

Year:	2018
EM Manifest ID:	64541
Shipment Date:	7/5/2018
Receipt Date:	7/11/2018
Manifest Number:	000941528VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	107 SOUTH MOTOR AVENUE
TSDF Address 2:	Not reported
TSDF City:	IRWINDALE
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F003
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F005
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F003
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D004

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.73000
Quantity Waste:	1460.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.10300
Quantity Waste:	206.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

State:

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	5
Method Code:	H141
Quantity Tons:	0.45000
Quantity Waste:	900.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.73000
Quantity Waste:	1460.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	791
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.01500
Quantity Waste:	30.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2018
EM Manifest ID:	64541

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.20500
Quantity Waste:	410.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.10300
Quantity Waste:	206.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	100091
Shipment Date:	7/27/2018
Receipt Date:	8/1/2018
Manifest Number:	001414472VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	107 SOUTH MOTOR AVENUE
TSDF Address 2:	Not reported
TSDF City:	IRWINDALE
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U220

Year: 2018

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D022

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Federal Code:	D002
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 181

Year: 2018
EM Manifest ID: 100091
Generator EPA ID: CAR000128793
Shipment Date: 2018-07-27
Manifest Number: 001414472VES
Line Number: 3
Method Code: H141
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2018
EM Manifest ID: 100091
Generator EPA ID: CAR000128793
Shipment Date: 2018-07-27
Manifest Number: 001414472VES
Line Number: 4
Method Code: H141
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 141

Year: 2018
EM Manifest ID: 100091
Generator EPA ID: CAR000128793
Shipment Date: 2018-07-27
Manifest Number: 001414472VES
Line Number: 5
Method Code: H141
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 141

Year: 2018
EM Manifest ID: 94113
Shipment Date: 7/20/2018
Receipt Date: 8/6/2018
Manifest Number: 008768799FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY B109/RM 523
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	877-577-2669
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095039998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	1
Method Code:	H071
Quantity Tons:	0.94850
Quantity Waste:	1897.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	1
Method Code:	H071
Quantity Tons:	0.94850
Quantity Waste:	1897.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	2

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H071
Quantity Tons:	0.91900
Quantity Waste:	1838.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D007

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D008

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D011

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	6
Method Code:	H121
Quantity Tons:	0.23750
Quantity Waste:	475.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	6
Method Code:	H121
Quantity Tons:	0.23750
Quantity Waste:	475.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type: Pounds
Federal Code: D008

State:
Year: 2018
EM Manifest ID: 94113
Generator EPA ID: CAR000128793
Shipment Date: 2018-07-20
Manifest Number: 008768799FLE
Line Number: 4
Method Code: H121
Quantity Tons: 0.24000
Quantity Waste: 480.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 792

Year: 2018
EM Manifest ID: 94113
Generator EPA ID: CAR000128793
Shipment Date: 2018-07-20
Manifest Number: 008768799FLE
Line Number: 7
Method Code: H141
Quantity Tons: 0.27800
Quantity Waste: 556.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Additional Info:
Year: 2017
Gen EPA ID: CAR000128793

Shipment Date: 20171225
Creation Date: 10/27/2018 18:30:13
Receipt Date: 20180102
Manifest ID: 008768744FLE
Trans EPA ID: ARR000016055
Trans Name: SINDLE TRUCKING LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: ILD005450697
Trans Name: CLEAN HARBORS RECYCLING SERVICES OF CHICAGO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: H020 - Solvents Recovery
Quantity Tons: 17.5752
Waste Quantity: 4882

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.165
Waste Quantity:	330
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0575
Waste Quantity:	115
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000128793
Shipment Date:	20151221
Creation Date:	2/9/2016 22:15:50
Receipt Date:	20151222
Manifest ID:	008768515FLE
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	D006
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	4.74129
Waste Quantity:	1137
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151218
Manifest ID:	008768514FLE
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	20151216
Creation Date:	9/30/2016 18:31:57
Receipt Date:	20160104
Manifest ID:	008768510FLE
Trans EPA ID:	ALR000007237
Trans Name:	ACTION RESOURCES INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	ILD005450697
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF CHICAGO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.0684
Waste Quantity:	5019
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.34
Waste Quantity:	680
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D006
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.467
Waste Quantity:	934
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	0.2165
Waste Quantity:	433
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0815
Waste Quantity:	163
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0155
Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000128793
Shipment Date:	20151221
Creation Date:	2/9/2016 22:15:50
Receipt Date:	20151222
Manifest ID:	008768515FLE
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	D006
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	4.74129
Waste Quantity:	1137
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	5/24/2016 16:38:02

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Receipt Date:	20151218
Manifest ID:	008768514FLE
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151216
Creation Date:	9/30/2016 18:31:57
Receipt Date:	20160104
Manifest ID:	008768510FLE
Trans EPA ID:	ALR000007237
Trans Name:	ACTION RESOURCES INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	ILD005450697
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF CHICAGO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.0684
Waste Quantity:	5019
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0895
Waste Quantity:	179
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.079
Waste Quantity:	158
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.017

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Quantity:	34
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1715
Waste Quantity:	343
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0385
Waste Quantity:	77
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.74
Waste Quantity:	1480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAR000128793

Shipment Date:	20141229
Creation Date:	11/17/2015 22:15:24
Receipt Date:	20150105

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Manifest ID:	000481939JJK
Trans EPA ID:	WID981193998
Trans Name:	SCHNIEDER NATIONAL BULK CARRIERS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NCS000000545
Trans Name:	EDEN CUSTOM PROCESSING LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.7524
Waste Quantity:	5209
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	5.1975
Waste Quantity:	10395
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	3.1015
Waste Quantity:	6203
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H070 - Not reported
Quantity Tons:	1.152
Waste Quantity:	2304
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.463
Waste Quantity:	926
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D007
Meth Code:	H121 - Neutralization Only
Quantity Tons:	1.623
Waste Quantity:	3246
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.49
Waste Quantity:	980
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D008
Meth Code:	H121 - Neutralization Only
Quantity Tons:	5.3955
Waste Quantity:	10791
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141218
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141218
Manifest ID:	000481936JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141215
Creation Date:	3/6/2015 22:15:05
Receipt Date:	20141217
Manifest ID:	000743588VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0715
Waste Quantity:	143
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000128793
Shipment Date:	20131216
Creation Date:	5/14/2014 22:15:01
Receipt Date:	20131223
Manifest ID:	000481876JJK
Trans EPA ID:	WID981193998
Trans Name:	SCHNEIDER NATIONAL BULK CARRIERS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NCS000000545
Trans Name:	EDEN CUSTOM PROCESSING LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.2808
Waste Quantity:	5078
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	0.068
Waste Quantity:	136
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.117
Waste Quantity:	234
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0815
Waste Quantity:	163
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131210
Manifest ID:	000778762VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131210
Manifest ID:	000778762VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131210
Manifest ID:	000778762VES
Trans EPA ID:	NJD080631369

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0935
Waste Quantity:	187
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0965
Waste Quantity:	193
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	6/9/2014 22:15:12
Receipt Date:	20140107
Manifest ID:	000481874JJK
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0000337360
Trans Name:	VEOLIA TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42537
Waste Quantity:	386
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000128793
Shipment Date:	20121219
Creation Date:	4/21/2013 22:15:04
Receipt Date:	20121226
Manifest ID:	000481814JJK
Trans EPA ID:	WID981193998
Trans Name:	SCHNIEDER NATIONAL BULK CARRIERS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NCS000000545
Trans Name:	EDEN CUSTOM PROCESSING LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	- Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	18.0216
Waste Quantity:	5006
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.4985
Waste Quantity:	2997
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5045
Waste Quantity:	1009
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	1.058
Waste Quantity:	2116
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0385
Waste Quantity:	77
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.1865
Waste Quantity:	2373
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.487
Waste Quantity:	974
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.54
Waste Quantity:	5080
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	184302
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 43I017624
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2002
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5601 Great Oaks Pkwy
Discharge Name:	Western Digital Technologies Inc
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	184302
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/18/2002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Status:	Active
Status Date:	11/18/2002
Place Size:	160
Place Size Unit:	Acres
Contact:	Denise LLoyd
Contact Title:	Sr. EHS Manager
Contact Phone:	408-717-6196
Contact Phone Ext:	Not reported
Contact Email:	denise.lloyd@wdc.com
Operator Name:	HGST Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Operator Contact:	Elizabeth Zimmermann
Operator Contact Title:	Not reported
Operator Contact Phone:	408-717-8168
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	elizabeth.zimmermann@hgst.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-717-6255
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Canoas Creek
Certifier:	Elizabeth Zimmermann
Certifier Title:	Director, Global EHS
Certification Date:	26-MAY-15
Primary Sic:	3572-Computer Storage Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Agency Number:	0
Region:	2
Regulatory Measure ID:	184302
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	HGST Inc
Discharge Address:	5601 Great Oaks Pkwy
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43I017624
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/18/2002
Operator Name:	Western Digital Technologies Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	184302
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43I017624

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/18/2002
Status:	Active
Status Date:	11/18/2002
Place Size:	160
Place Size Unit:	Acres
Contact:	Denise LLoyd
Contact Title:	Sr. EHS Manager
Contact Phone:	408-717-6196
Contact Phone Ext:	Not reported
Contact Email:	denise.lloyd@wdc.com
Operator Name:	HGST Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Operator Contact:	Elizabeth Zimmermann
Operator Contact Title:	Not reported
Operator Contact Phone:	408-717-8168
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	elizabeth.zimmermann@hgst.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-717-6255
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Canoas Creek
Certifier:	Elizabeth Zimmermann
Certifier Title:	Director, Global EHS
Certification Date:	26-MAY-15
Primary Sic:	3572-Computer Storage Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	184302
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	HGST Inc
Discharge Address:	5601 Great Oaks Pkwy
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Agency:	Western Digital Technologies Inc
Agency Address:	5601 Great Oaks Pkwy, San Jose, CA 95119
Place/Project Type:	Industrial - Computer Storage Devices
SIC/NAICS:	3572
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I017624
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/18/2002
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.25084
Longitude:	-121.79569

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

CERS:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 533707
CERS ID: 231754
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Western Digital Technologies INC
Entity Title: Operator
Affiliation Address: 5601 Great Oaks Pkwy
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Y151 **IBM CORPORATION** **CUPA Listings** **S109936442**
NE **5601 GREAT OAKS PKWY** **HWP** **N/A**
1/2-1 **SAN JOSE, CA 95119** **HAZMAT**
0.696 mi. **CERS**
3674 ft. **Site 3 of 4 in cluster Y**

Relative: Higher
Actual: 196 ft.

CUPA SANTA CLARA:
Name: HGST SUBSTATION
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95135
Region: SANTA CLARA
Telephone: 4087176255
UDF Email: Not reported
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.246939
Longitude: -121.79
Record ID: PR0401177
Facility ID: FA0269604

Name: HGST SUBSTATION
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95135
Region: SANTA CLARA
Telephone: 4087176255
UDF Email: Not reported
PE#: LQ99
Program Description: HW GENERATOR-ADDITIONAL CONTIG FAC (RCRA LQG)
Program Identifier: DEH PERMIT - HAZ WASTE GENERATOR PROGRAM
Latitude: 37.246939
Longitude: -121.79
Record ID: PR0441044
Facility ID: FA0269604

Name: HGST SUBSTATION
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95135

IBM CORPORATION (Continued) **S109936442**

Region:	SANTA CLARA
Telephone:	4087176255
UDF Email:	Not reported
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.246939
Longitude:	-121.79
Record ID:	PR0414991
Facility ID:	FA0269604

HWP:

EPA ID:	CAD990843989
Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Cleanup Status:	CLOSED
Latitude:	37.24793
Longitude:	-121.7920
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	200051
Senate District:	15
Assembly District:	25
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Transferred permit to Hitachi, CAR000128793. Hitachi GST was issued a new EPA Id. number, CAR000128793.IBM was pursuing the permit renewal until the facility was sold to Hitachi GST in January 2003. Hitachi's new permit was issued on 5/16/05.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	26-30%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-11-16 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units -- Redraft permit
Due Date:	Not reported
Comments:	Transferred permit to Hitachi, CAR000128793. Hitachi GST was issued a new EPA Id. number, CAR000128793.IBM was pursuing the permit renewal

IBM CORPORATION (Continued) **S109936442**

until the facility was sold to Hitachi GST in January 2003. Hitachi s
new permit was issued on 5/16/05.
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 03/26/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 09/14/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date: 11/16/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 04/29/1985

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 02/03/1985

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 03/26/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date: 05/10/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 09/14/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 11/30/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 05/07/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: 12/13/1991
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 11/15/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date: 12/30/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 04/28/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 04/29/1985

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 11/15/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 11/16/2002

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - 3RD NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/18/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 04/29/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - RESPONSE TO 3RD NOD RECEIVED
Actual Date: 01/13/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 10/04/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date: 11/13/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1

IBM CORPORATION (Continued) **S109936442**

Due Date: 12/30/1984
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 12/20/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 11/16/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 10/30/1989

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1

IBM CORPORATION (Continued) **S109936442**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 12/20/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 03/26/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 06/12/1990

Closure:
EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA

IBM CORPORATION (Continued) **S109936442**

Title Description: Transfered Permit to Hitachi CAR000128793
Due Date: Not reported
Comments: In Jan 2003 IBM San Jose was sold to Hitachi. Hitachi new permit was issued on 5/16/2005
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 05/18/2009

Alias:
EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000484770

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 200051

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Envirostor ID Number
Alias: 43350084

SAN JOSE HAZMAT:
Name: IBM CORPORATION, GRS
Address: 5601 GREAT OAKS PK
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 601126
Class: Misc. Complex firms and labs

CERS:
Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 473262
CERS ID: 110064259298
CERS Description: US EPA Air Emission Inventory System (EIS)

IBM CORPORATION (Continued) **S109936442**

Affiliation:
- Affiliation Type Desc: Property Owner
- Entity Name: HGST ; NA A WSTRN DGTL
- Entity Title: Not reported
- Affiliation Address: 5601 GREAT OAKS PARKWAY
- Affiliation City: SANJOSE
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

- Affiliation Type Desc: Environmental Contact
- Entity Name: DEAN CHARTRAND
- Entity Title: Not reported
- Affiliation Address: 8976 WELLINGTON ROAD
- Affiliation City: MANASSAS
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

- Affiliation Type Desc: Environmental Contact
- Entity Name: DEAN W CHARTRAND
- Entity Title: Not reported
- Affiliation Address: 8976 WELLINGTON ROAD
- Affiliation City: MANASSAS
- Affiliation State: VA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

Y152 **IBM CORPORATION** **SEMS** **1000109345**
NE **5601 GREAT OAKS PKWY** **CORRACTS** **CAD990843989**
1/2-1 **SAN JOSE, CA 95119** **RCRA-TSDF**
0.696 mi. **RCRA-SQG**
3674 ft. **Site 4 of 4 in cluster Y** **HIST UST**
CHMIRS
Relative: **US FIN ASSUR**
Higher **2020 COR ACTION**
ROD
Actual: **PRP**
196 ft. **PADS**
FINDS
ECHO
HWTS
HAZNET

SEMS:
- Site ID: 0902622
- EPA ID: CAD990843989
- Name: IBM CORP. (SAN JOSE PLANT)
- Address: 5600 COTTLE RD
- Address 2: Not reported
- City,State,Zip: SAN JOSE, CA 95193
- Cong District: 15
- FIPS Code: 06085

IBM CORPORATION (Continued) **1000109345**

Latitude: 37.251111
Longitude: -121.803333
FF: N
NPL: Removed from Proposed NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: Not reported
Finish Date: 1984-10-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 01
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1988-12-15 05:00:00
Finish Date: Not reported
Qual: E
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: NR
Action Name: REM PROP
SEQ: 1
Start Date: Not reported
Finish Date: 1989-10-04 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N

IBM CORPORATION (Continued) **1000109345**

OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	1983-10-01 04:00:00
Finish Date:	1984-04-01 06:00:00
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	Not reported
Finish Date:	1983-10-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-10-11 04:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-04-01 06:00:00
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902622
EPA ID:	CAD990843989

IBM CORPORATION (Continued) **1000109345**

Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-12-15 05:00:00
Qual:	R
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1990-06-21 04:00:00
Finish Date:	1990-06-21 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	01
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-09-15 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Ovrsght

Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	01
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	1980-11-01 05:00:00
Finish Date:	1988-12-15 05:00:00
Qual:	Not reported
Current Action Lead:	St Ovrsght

IBM CORPORATION (Continued) **1000109345**

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 04:00:00
Finish Date: 1980-08-01 04:00:00
Qual: Not reported
Current Action Lead: St Perf

CORRACTS:
Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 19920228
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Actual Date: 19920228
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 19851231
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989

IBM CORPORATION (Continued) **1000109345**

Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 19881019
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: CMS COMPLETE
Actual Date: 19881019
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: CMI WORKPLAN APPROVED
Actual Date: 19881019
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date: 19940725
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION and TREATMENT
Actual Date: 19810101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

IBM CORPORATION (Continued) **1000109345**

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Actual Date: 20001101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20020723
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20001228
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Click this hyperlink while viewing on your computer to access
6 additional CORRACTS: record(s) in the EDR Site Report.

RCRA TSDF:
Treatment Storage and Disposal Type: Storage, Treatment
Full Enforcement Universe: Not reported
Corrective Action Workload Universe: Yes
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Storage, Treatment
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
Operating TSDF Universe: Not reported
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No

IBM CORPORATION (Continued) **1000109345**

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

RCRA Listings:

Date Form Received by Agency:	20100201
Handler Name:	Ibm Corporation
Handler Address:	5601 GREAT OAKS PKWY
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
Contact Name:	DEAN W CHARTRAND
Contact Address:	8976 WELLINGTON RD
Contact City,State,Zip:	MANASSAS, VA 20109-3925
Contact Telephone:	703-257-2583
Contact Fax:	Not reported
Contact Email:	CHARTD@US.IBM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	8976 WELLINGTON RD
Mailing City,State,Zip:	MANASSAS, VA 20109-3925
Owner Name:	Hitachi Global Storage Tech Inc
Owner Type:	Private
Operator Name:	Ibm Corp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes

IBM CORPORATION (Continued) **1000109345**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20100205
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead

IBM CORPORATION (Continued) **1000109345**

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D018
Waste Description: Benzene

Waste Code: D019
Waste Description: Carbon Tetrachloride

Waste Code: D021
Waste Description: Chlorobenzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D023
Waste Description: O-Cresol

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D025
Waste Description: P-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D028
Waste Description: 1,2-Dichloroethane

Waste Code: D029
Waste Description: 1,1-Dichloroethylene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D038
Waste Description: Pyridine

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichlorethylene

Waste Code: D042
Waste Description: 2,4,6-Trichlorophenol

IBM CORPORATION (Continued) **1000109345**

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F006
Waste Description: Wastewater Treatment Sludges From Electroplating Operations, Except From The Following Processes: (1) Sulfuric Acid Anodizing Of Aluminum; (2) Tin Plating On Carbon Steel; (3) Zinc Plating (Segregated Basis) On Carbon Steel; (4) Aluminum Or Zinc-Aluminum Plating On Carbon Steel; (5) Cleaning/Stripping Associated With Tin, Zinc, And Aluminum Plating On Carbon Steel; And (6) Chemical Etching And Milling Of Aluminum.

Waste Code: P030
Waste Description: Cyanides (Soluble Cyanide Salts), Not Otherwise Specified

Waste Code: P113
Waste Description: Thallic Oxide (Or) Thallium Oxide Tl2o3

IBM CORPORATION (Continued) **1000109345**

Waste Code:	P120
Waste Description:	Vanadium Oxide V2o5 (Or) Vanadium Pentoxide
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U003
Waste Description:	Acetonitrile (I,T)
Waste Code:	U031
Waste Description:	1-Butanol (I) (Or) N-Butyl Alcohol (I)
Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U037
Waste Description:	Benzene, Chloro- (Or) Chlorobenzene
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U080
Waste Description:	Methane, Dichloro- (Or) Methylene Chloride
Waste Code:	U112
Waste Description:	Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)
Waste Code:	U123
Waste Description:	Formic Acid (C,T)
Waste Code:	U134
Waste Description:	Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)
Waste Code:	U154
Waste Description:	Methanol (I) (Or) Methyl Alcohol (I)
Waste Code:	U159
Waste Description:	2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)
Waste Code:	U161
Waste Description:	4-Methyl-2-Pentanone (I) (Or) Methyl Isobutyl Ketone (I) (Or) Pentanol, 4-Methyl-
Waste Code:	U194
Waste Description:	1-Propanamine (I,T) (Or) N-Propylamine (I,T)
Waste Code:	U196
Waste Description:	Pyridine
Waste Code:	U201
Waste Description:	1,3-Benzenediol (Or) Resorcinol
Waste Code:	U202
Waste Description:	1,2-Benzisothiazol-3(2h)-One, 1,1-Dioxide, & Salts (Or) Saccharin, & Salts
Waste Code:	U220

IBM CORPORATION (Continued) **1000109345**

Waste Description: Benzene, Methyl- (Or) Toluene

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP.
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: IBM CORP
Legal Status: Private
Date Became Current: 19901001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD M/S PFX/123
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

IBM CORPORATION (Continued) **1000109345**

Owner/Operator Indicator: Owner
Owner/Operator Name: I B M CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 NEW ORCHARD RD
Owner/Operator City,State,Zip: ARMONK, NY 10504
Owner/Operator Telephone: 914-766-2729
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECH INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP.
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

IBM CORPORATION (Continued) **1000109345**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECH INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: IBM CORP
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD M/S PFX/123
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040223
Handler Name: INTERNATIONAL BUSINESS MACHINES CORP.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

IBM CORPORATION (Continued) **1000109345**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010319
Handler Name:	I B M CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20030130
Handler Name:	INTERNATIONAL BUSINESS MACHINES CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20030527
Handler Name:	INTERNATIONAL BUSINESS MACHINES CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20091103
Handler Name:	IBM CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

IBM CORPORATION (Continued) **1000109345**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100201
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920227
Handler Name: INTERNATIONAL BUSINESS MACHINE MAIN SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: IBM CORPORATION STORAGE SYS DIV
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960319
Handler Name: IBM CORP STORAGE SYSTEMS DIVISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990316
Handler Name: IBM CORPORATION

IBM CORPORATION (Continued) **1000109345**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020228
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040223
Handler Name: INTERNATIONAL BUSINESS MACHINES CORP.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334112
NAICS Description: COMPUTER STORAGE DEVICE MANUFACTURING

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

IBM CORPORATION (Continued) **1000109345**

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19900130
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19921109
Actual Return to Compliance Date:	19930728
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19930212
Enforcement Identifier:	004
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

IBM CORPORATION (Continued) **1000109345**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19970927
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990909
Actual Return to Compliance Date: 19991213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 19991215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19890908
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19900130
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19970927
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960717
Actual Return to Compliance Date:	19960816
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	203
Date of Enforcement Action:	19960717
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19920415
Actual Return to Compliance Date:	19921023
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	19940804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19890908
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940803
Actual Return to Compliance Date: 19940803
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19941216
Enforcement Identifier: 005
Date of Enforcement Action: 19940804
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19900130
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19990909
Actual Return to Compliance Date:	19991213
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	19991213
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19921109
Actual Return to Compliance Date:	19930728
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19930212
Enforcement Identifier:	004
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19960816
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 19960902
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19910305
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19910812
Enforcement Identifier:	003
Date of Enforcement Action:	19910712
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930728
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930212
Enforcement Identifier: 004
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19960816
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 19960902
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19970927
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	19960717
Actual Return to Compliance Date:	19960816
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	203
Date of Enforcement Action:	19960717
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970930
Actual Return to Compliance Date:	19971030
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19970930
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19910625
Actual Return to Compliance Date:	19921023
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	19940804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19890908
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19890727
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920930
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930728
Scheduled Compliance Date: 19930212
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960716
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970927
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

IBM CORPORATION (Continued) **1000109345**

Former Citation:	Not reported
Evaluation Date:	20070419
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020214
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990909
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes

IBM CORPORATION (Continued) **1000109345**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960716
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970927
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030918
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180322
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

IBM CORPORATION (Continued) **1000109345**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880113
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960717
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19960816
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880111
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920415
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921023
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

IBM CORPORATION (Continued) **1000109345**

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940803
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940803
Scheduled Compliance Date:	19941216
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990909
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880113
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA

IBM CORPORATION (Continued) **1000109345**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890710
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930728
Scheduled Compliance Date:	19930212
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960717
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19960816
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20041217
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

IBM CORPORATION (Continued) **1000109345**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910305
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	19910812
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930728
Scheduled Compliance Date:	19930212
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010424
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880729
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960717
Evaluation Responsible Agency:	State

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19960816
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030925
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010523
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960716
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970927
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020225
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

IBM CORPORATION (Continued) **1000109345**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960717
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19960816
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19921023
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19971030
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860128
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

IBM CORPORATION (Continued) **1000109345**

Evaluation Date:	19940804
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910625
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921023
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

IBM CORPORATION (Continued) **1000109345**

HIST UST:

Name:	IBM CORPORATION
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000003400
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	Not reported
Telephone:	4082565864
Owner Name:	IBM CORPORATION
Owner Address:	5600 COTTLE ROAD
Owner City,St,Zip:	SAN JOSE, CA 95193
Total Tanks:	0186
Tank Num:	001
Container Num:	FT-27
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	002
Container Num:	FT-28
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	003
Container Num:	FT-30
Year Installed:	Not reported
Tank Capacity:	00001500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	004
Container Num:	BW1-T1
Year Installed:	Not reported
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	005
Container Num:	BW4-T4
Year Installed:	Not reported
Tank Capacity:	00000225

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 10
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 006
Container Num: BW4-T5
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 007
Container Num: BW4-T6A
Year Installed: Not reported
Tank Capacity: 00000100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 008
Container Num: BW4-T6B
Year Installed: Not reported
Tank Capacity: 00000100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 009
Container Num: BW4-T9
Year Installed: Not reported
Tank Capacity: 00000225
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument, Groundwater Monitoring Well

Tank Num: 010
Container Num: W1
Year Installed: 1977
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 011
Container Num: W2
Year Installed: 1977
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	012
Container Num:	W3-T1
Year Installed:	1973
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	013
Container Num:	W3-T2
Year Installed:	1973
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	014
Container Num:	W3-T3
Year Installed:	1973
Tank Capacity:	00000050
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	015
Container Num:	W4
Year Installed:	1973
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	10
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	016
Container Num:	W5-T1
Year Installed:	1984
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	017
Container Num:	W5-T2
Year Installed:	1984
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	018

IBM CORPORATION (Continued) **1000109345**

Container Num: W6
Year Installed: 1977
Tank Capacity: 00000440
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 019
Container Num: W7
Year Installed: 1977
Tank Capacity: 00000440
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 020
Container Num: W8-T11
Year Installed: 1977
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 021
Container Num: W8-T12
Year Installed: 1977
Tank Capacity: 00002500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 022
Container Num: W8-T15
Year Installed: 1977
Tank Capacity: 00002500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 023
Container Num: W8-T16
Year Installed: 1977
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 024
Container Num: W8-T17
Year Installed: 1977
Tank Capacity: 00006000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 025
Container Num: W9
Year Installed: 1977
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 026
Container Num: W12-T2
Year Installed: 1983
Tank Capacity: 00006000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Vapor Sniff Well, Groundwater Monitoring Well

Tank Num: 027
Container Num: W12-T5
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 028
Container Num: W12-T6
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 029
Container Num: W12-T15
Year Installed: 1983
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 030
Container Num: CS17-T8
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	031
Container Num:	CS17-T9
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	032
Container Num:	CS17-T10
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	033
Container Num:	CS17-T11
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	034
Container Num:	CS17-T12
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	035
Container Num:	CS17-T13
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	036
Container Num:	CS17-T14
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	037

IBM CORPORATION (Continued) **1000109345**

Container Num: CS17-T15
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 038
Container Num: CS17-T16
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 039
Container Num: CS17-T17
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 040
Container Num: CS17-T18
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 041
Container Num: CS17-T19
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 042
Container Num: CS17-T20
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 043
Container Num: CS17-T21
Year Installed: 1982
Tank Capacity: 00007000

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Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 044
Container Num: CS17-T22
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 045
Container Num: CS17-T23
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 046
Container Num: CS26089T1
Year Installed: 1981
Tank Capacity: 00001000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 047
Container Num: FT-1
Year Installed: 1968
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 048
Container Num: FT-3A
Year Installed: 1980
Tank Capacity: 00500000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 049
Container Num: FT-3B
Year Installed: 1980
Tank Capacity: 00500000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	050
Container Num:	FT-6
Year Installed:	1976
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	051
Container Num:	FT-8
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	052
Container Num:	FT-9
Year Installed:	1981
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	12
Leak Detection:	Groundwater Monitoring Well
Tank Num:	053
Container Num:	FT-10
Year Installed:	1968
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	054
Container Num:	FT-11
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	055
Container Num:	FT-12
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	056

IBM CORPORATION (Continued) **1000109345**

Container Num:	FT-13
Year Installed:	1968
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Groundwater Monitoring Well

Tank Num:	057
Container Num:	FT-14
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	058
Container Num:	FT-15
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	059
Container Num:	FT-16
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	060
Container Num:	FT-17
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	061
Container Num:	FT-18
Year Installed:	1968
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	062
Container Num:	FT-19A
Year Installed:	1979
Tank Capacity:	00001500

IBM CORPORATION (Continued) **1000109345**

Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 063
Container Num: FT-19B
Year Installed: 1979
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 064
Container Num: FT-20
Year Installed: 1981
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 065
Container Num: FT-24
Year Installed: 1968
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 066
Container Num: FT-26
Year Installed: 1979
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 067
Container Num: BW18-1
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 068
Container Num: BW18-2
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	069
Container Num:	BW18-T102
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	070
Container Num:	BW18-T103
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	071
Container Num:	BW18-T106
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	072
Container Num:	W12-T18
Year Installed:	1983
Tank Capacity:	00001200
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	073
Container Num:	W12-T19
Year Installed:	1983
Tank Capacity:	00001200
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	074
Container Num:	W12-T20
Year Installed:	1983
Tank Capacity:	00001200
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	075

IBM CORPORATION (Continued) **1000109345**

Container Num: W12-T21
Year Installed: 1983
Tank Capacity: 00001200
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 076
Container Num: W13-T1
Year Installed: 1981
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 077
Container Num: W13-T2
Year Installed: 1981
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 078
Container Num: W14-T1
Year Installed: 1981
Tank Capacity: 00006500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 079
Container Num: W15-P1
Year Installed: 1976
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 080
Container Num: W18-T1
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 081
Container Num: W18-T2
Year Installed: 1980
Tank Capacity: 00000800

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 082
Container Num: W18-T3
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 083
Container Num: W18-T4
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 084
Container Num: W18-T5
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 085
Container Num: W18-T6
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 086
Container Num: W19
Year Installed: 1976
Tank Capacity: 00030000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 12
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 087
Container Num: W20-T1
Year Installed: 1981
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	088
Container Num:	W21-T1
Year Installed:	1982
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Groundwater Monitoring Well
Tank Num:	089
Container Num:	W22-T1
Year Installed:	1983
Tank Capacity:	00001900
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	090
Container Num:	W25-T101
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	091
Container Num:	W25-T101
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	092
Container Num:	W25-T102
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	093
Container Num:	W25-T103
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	094

IBM CORPORATION (Continued) **1000109345**

Container Num: W25-T104
Year Installed: 1978
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 095
Container Num: W25-T105
Year Installed: 1979
Tank Capacity: 00009000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 096
Container Num: W25-T106
Year Installed: 1979
Tank Capacity: 00006000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Sensor Instrument, Groundwater Monitoring Well

Tank Num: 097
Container Num: W26-T1
Year Installed: 1982
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 098
Container Num: W26-T2
Year Installed: 1982
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 099
Container Num: W26-T3
Year Installed: 1982
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 100
Container Num: W26-T9
Year Installed: 1982
Tank Capacity: 00000550

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 101
Container Num: W26-T11
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 102
Container Num: W26-T18
Year Installed: 1982
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 103
Container Num: W26-T19
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 104
Container Num: W26-T20
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 105
Container Num: W27-T1
Year Installed: 1980
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 106
Container Num: W27-T2
Year Installed: 1980
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	107
Container Num:	W27-T3
Year Installed:	1980
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	108
Container Num:	W27-T4
Year Installed:	1980
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	109
Container Num:	W28-T1
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	110
Container Num:	W28-T2
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	111
Container Num:	W67-T5
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	112
Container Num:	W67-T6
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	113

IBM CORPORATION (Continued) **1000109345**

Container Num:	W67-T7
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	114
Container Num:	W67-T8
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	115
Container Num:	W67-T9
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	116
Container Num:	W67-T60
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	117
Container Num:	W67-T61
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	118
Container Num:	W67-T62
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	119
Container Num:	W67-T63
Year Installed:	1984
Tank Capacity:	00001000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 120
Container Num: W67-T64
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 121
Container Num: W67-T65
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 122
Container Num: W67-T66
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 123
Container Num: W67-T67
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 124
Container Num: W67-T68
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 125
Container Num: BW18-T107
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	126
Container Num:	BW18-T108
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	127
Container Num:	BW18-T113
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	128
Container Num:	BW20-T1
Year Installed:	1979
Tank Capacity:	00019500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	129
Container Num:	BW20-T2
Year Installed:	1979
Tank Capacity:	00500000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	130
Container Num:	BW20-T3
Year Installed:	1979
Tank Capacity:	00003300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	131
Container Num:	BW20-T4
Year Installed:	1979
Tank Capacity:	00125000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	132

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Container Num: BW20-T5
Year Installed: Not reported
Tank Capacity: 00000160
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 133
Container Num: BW20-T6
Year Installed: Not reported
Tank Capacity: 00007100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 134
Container Num: BW20-T7
Year Installed: Not reported
Tank Capacity: 00000850
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 135
Container Num: BW20-T8
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 136
Container Num: BW20-T9
Year Installed: Not reported
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 137
Container Num: BW20
Year Installed: Not reported
Tank Capacity: 00011825
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 138
Container Num: BW22-T1
Year Installed: Not reported
Tank Capacity: 00003380

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 139
Container Num: BW22-T2
Year Installed: Not reported
Tank Capacity: 00003700
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 140
Container Num: BW22-T3
Year Installed: Not reported
Tank Capacity: 00016900
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 141
Container Num: BW22-T4
Year Installed: Not reported
Tank Capacity: 00016900
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 142
Container Num: BW22-T5
Year Installed: Not reported
Tank Capacity: 00000270
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 143
Container Num: BW22-T7
Year Installed: Not reported
Tank Capacity: 00000180
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 144
Container Num: BW22-T8
Year Installed: Not reported
Tank Capacity: 00000070
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument
Tank Num:	145
Container Num:	BW22-T9
Year Installed:	Not reported
Tank Capacity:	00000425
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	146
Container Num:	BW22-T10
Year Installed:	Not reported
Tank Capacity:	00000110
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	147
Container Num:	BW22-T11
Year Installed:	Not reported
Tank Capacity:	00000110
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	148
Container Num:	BW22-T12
Year Installed:	Not reported
Tank Capacity:	00000110
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	149
Container Num:	BW22-T13
Year Installed:	Not reported
Tank Capacity:	00000240
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	150
Container Num:	BW23-73
Year Installed:	1983
Tank Capacity:	00250000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	151

IBM CORPORATION (Continued) **1000109345**

Container Num: BW23-T4
Year Installed: 1983
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 152
Container Num: BW23-T5
Year Installed: 1983
Tank Capacity: 01000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 153
Container Num: BW23-T6
Year Installed: 1983
Tank Capacity: 01000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 154
Container Num: STLPS4-FT1
Year Installed: Not reported
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 155
Container Num: STLPS4FT2
Year Installed: Not reported
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 156
Container Num: LGPS1FT1A
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 157
Container Num: LPPS1FT1B
Year Installed: Not reported
Tank Capacity: 00010000

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Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 158
Container Num: CS9-T1
Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 159
Container Num: CS13-T1
Year Installed: 1981
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 160
Container Num: LS16TFA12
Year Installed: 1977
Tank Capacity: 00005500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 161
Container Num: CS16TFAT3
Year Installed: 1977
Tank Capacity: 00009200
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 162
Container Num: CS16TFAT4
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 163
Container Num: CS16TFAT5
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8

IBM CORPORATION (Continued) **1000109345**

Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 164
Container Num: CS16TFAT6
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 165
Container Num: CS16TFAT7
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: Not reported
Type of Fuel: REGULAR
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 166
Container Num: CS16TFAT8
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 167
Container Num: CS16TFAT9
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 168
Container Num: CS16TFAT10
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 169
Container Num: CS16TFAT11
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 170

IBM CORPORATION (Continued) **1000109345**

Container Num: CS16TFAT12
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 171
Container Num: CS16TFAT13
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 172
Container Num: CS16TFAT14
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 173
Container Num: CS16TFAT15
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 174
Container Num: CS16TFAT16
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 175
Container Num: CS16TFAT17
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 176
Container Num: CS16TFAT18
Year Installed: 1977
Tank Capacity: 00006000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 177
Container Num: CS16TFAT19
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 178
Container Num: CS16TFAT20
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 179
Container Num: CS16TFAT21
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 180
Container Num: CS17TFBT2
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 181
Container Num: CS17TFBT3
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 182
Container Num: CS17TFBT4
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 183
Container Num: CS17TFBT5
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 184
Container Num: CS17TFBT6
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 185
Container Num: CS17TFBT7
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 186
Container Num: BT-1
Year Installed: 1965
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: X
Leak Detection: None

CHMIRS:
Name: Not reported
Address: 5600 COTTLE RD
City,State,Zip: SAN JOSE, CA
OES Incident Number: 0958
OES notification: Not reported
OES Date: 11/17/1993
OES Time: 11:43:50 AM
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported

IBM CORPORATION (Continued) **1000109345**

Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	ibm
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	ibm san jose
Incident Date:	2359 17 nov 93
Admin Agency:	Not reported
Amount:	1 gal
Contained:	NO
Site Type:	IND PLT
E Date:	Not reported
Substance:	water containing isopropal alchol in minor concentration
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	loose hose connection into tank holding rinse water from abandoned lines, material soaked into soil
Name:	Not reported
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
OES Incident Number:	8-1706

IBM CORPORATION (Continued) **1000109345**

OES notification:	04/11/1998
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm drain
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1998
Agency:	IBM
Incident Date:	4/11/199812:00:00 AM
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Unknown dilute
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported

IBM CORPORATION (Continued) **1000109345**

#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Deluge system that is part of a scubber device overflowed, allowing it's contents to overflow. Primary content is water. Storm drain has been blocked off. Samples have been pulled and are undergoing analysis at this time.

US FIN ASSUR:

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY GRS
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
County:	Not reported
Mechanism type:	I
Mechanism Type Description:	INSURANCE
Cost estimate:	2000000
Face value:	2000000
Effective date:	2010-10-09 00:00:00
Provider:	ILLINOIS UNION INS. CO.
EPA region:	9

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY GRS
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
County:	Not reported
Mechanism type:	X
Mechanism Type Description:	STANDBY TRUST FUND
Cost estimate:	32453000
Face value:	0
Effective date:	2010-03-26 00:00:00
Provider:	WELLS FARGO BANK
EPA region:	9

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY GRS
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
County:	Not reported
Mechanism type:	L
Mechanism Type Description:	LETTER OF CREDIT
Cost estimate:	32453000
Face value:	22820000
Effective date:	2001-03-30 00:00:00
Provider:	INTESA SANPAOLO
EPA region:	9

2020 COR ACTION:

EPA ID:	CAD990843989
Region:	9

IBM CORPORATION (Continued) **1000109345**

Action: Remedy Construction

ROD:
Name: IBM CORP. (SAN JOSE PLANT)
Address: 5600 COTTLE RD
City,State,Zip: SAN JOSE, CA 95193
EPA ID: CAD990843989
RG: 9
Site ID: 902622
Action: GOVT ROD for PRP Remedy
Operable Unit Number: OVERALL SITE
SEQ ID: 1
Action Completion: 1988-12-15 00:00:00
NPL Status: Removed from Proposed NPL
Non NPL Status: Not reported

PRP:
PRP Name: IBM CORPORATION
INTERNATIONAL BUSINESS MACHINES CORP

PADS:
Name: IBM GENERAL PROD DIV
Address: 5600 COTTLE RD MS 843/121
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95193
EDR ID: 1000109345
EPAID: CAD990843989
Region: 09
Generator: Y
Storer: N
Disposer: N
Transporter: N
Smelter: N
Research Facility: N
Mailing Address: 5600 COTTLE RD MS 843/121
Mailing Address 2: Not reported
Mailing City: SAN JOSE
Mailing State: CA
Mailing Zip: 95193
Mailing Country: US
Owner Name: IBM CORPORATION
Certification Date: 03/27/1990
Contact Name: BERNARD R ZABOSKI
Contact Title: Not reported
Contact Telephone: 408-256-3572
Contact Text: Not reported
Contact Email: Not reported

FINDS:
Registry ID: 110064259298

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is

IBM CORPORATION (Continued) **1000109345**

used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000109345
Registry ID:	110064259298
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064259298
Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119

HWTS:

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
Inactive Date:	Not reported
Create Date:	07/23/1982
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	8976 WELLINGTON RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MANASSAS, VA 201093925
Owner Name:	IBM CORPORATION
Owner Address:	1 NEW ORCHARD ROAD
Owner Address 2:	Not reported
Owner City,State,Zip:	ARMONK, NY 105040000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LARENE CAMERON
Contact Address:	8976 WELLINGTON RD

IBM CORPORATION (Continued) **1000109345**

Contact Address 2: Not reported
City,State,Zip: MANASSAS, VA 20109
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.231099
Longitude: -121.783325

NAICS:
EPA ID: CAD990843989
Create Date: 2002-03-14 16:36:27.000
NAICS Code: 334112
NAICS Description: Computer Storage Device Manufacturing
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 488119
NAICS Description: Other Airport Operations
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 56171
NAICS Description: Exterminating and Pest Control Services
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 56291
NAICS Description: Remediation Services
Issued EPA ID Date: 1982-07-23 00:00:00

IBM CORPORATION (Continued) **1000109345**

Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2013-10-15 15:45:40.993
NAICS Code: 562998
NAICS Description: All Other Miscellaneous Waste Management Services
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

HAZNET:
Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191003
Contact: DEAN CHARTRAND
Telephone: 7032572583
Mailing Name: Not reported
Mailing Address: 8976 WELLINGTON RD

Year: 2012
Gepaid: CAD990843989
TSD EPA ID: TXD000838896
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.005

Year: 2011
Gepaid: CAD990843989
TSD EPA ID: ARD069748192
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.2255

Year: 2011
Gepaid: CAD990843989
TSD EPA ID: UTD991301748
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0.7975

Year: 2011

IBM CORPORATION (Continued) **1000109345**

Gepaid: CAD990843989
TSD EPA ID: UTD981552177
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.372

Year: 2011
Gepaid: CAD990843989
TSD EPA ID: UTD991301748
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: -
Tons: 0.792

Year: 2010
Gepaid: CAD990843989
TSD EPA ID: TXD000838896
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0025

Year: 2010
Gepaid: CAD990843989
TSD EPA ID: UTD981552177
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.6415

Year: 2009
Gepaid: CAD990843989
TSD EPA ID: TXD055141378
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.016

Year: 2009
Gepaid: CAD990843989
TSD EPA ID: TXD055141378
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.057

Year: 2009
Gepaid: CAD990843989
TSD EPA ID: ARD069748192
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0225

Click this hyperlink while viewing on your computer to access
981 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2012
Gen EPA ID: CAD990843989

IBM CORPORATION (Continued) **1000109345**

Shipment Date:	20121218
Creation Date:	6/27/2013 22:15:15
Receipt Date:	20130114
Manifest ID:	000771410VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TSMTCO
TSDF EPA ID:	TXD000838896
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	F002
Additional Code 2:	D008
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD990843989

Shipment Date:	20110106
Creation Date:	5/27/2011 18:30:22
Receipt Date:	20110119
Manifest ID:	004438313FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.372
Waste Quantity:	744
Quantity Unit:	P
Additional Code 1:	F001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110106
Creation Date:	6/27/2011 18:30:10
Receipt Date:	20110202
Manifest ID:	004438314FLE
Trans EPA ID:	MAD039322250

IBM CORPORATION (Continued) **1000109345**

Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2255
Waste Quantity:	451
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0855
Waste Quantity:	171
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

IBM CORPORATION (Continued) **1000109345**

Meth Code:	- Not reported
Quantity Tons:	0.2985
Waste Quantity:	597
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.792
Waste Quantity:	1584
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.4135
Waste Quantity:	827
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Info:

Year:	2010
Gen EPA ID:	CAD990843989
Shipment Date:	20101227
Creation Date:	6/24/2011 18:30:12
Receipt Date:	20110127
Manifest ID:	004438179FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CHES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.6415
Waste Quantity:	1283
Quantity Unit:	P
Additional Code 1:	F002
Additional Code 2:	F001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100422
Creation Date:	12/16/2010 18:31:14
Receipt Date:	20100518
Manifest ID:	000487937VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	TXD000838896
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD990843989

IBM CORPORATION (Continued) **1000109345**

Shipment Date:	20091222
Creation Date:	9/18/2012 22:15:10
Receipt Date:	Not reported
Manifest ID:	006219164JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	1.05
Waste Quantity:	2100
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091221
Creation Date:	10/8/2010 18:30:56
Receipt Date:	20091228
Manifest ID:	005581848JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090915
Creation Date:	4/12/2010 18:30:24
Receipt Date:	20091004
Manifest ID:	002995739FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT

IBM CORPORATION (Continued) **1000109345**

TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090915
Creation Date:	4/12/2010 18:30:24
Receipt Date:	20091004
Manifest ID:	002995739FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090605
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090618
Manifest ID:	000480039JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1
Waste Quantity:	2000

IBM CORPORATION (Continued) **1000109345**

Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090605
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090618
Manifest ID:	000480039JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.625
Waste Quantity:	1250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090605
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090618
Manifest ID:	000480039JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090602
Creation Date:	10/23/2009 18:30:08

IBM CORPORATION (Continued) **1000109345**

Receipt Date:	20090619
Manifest ID:	002605862FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	ENVIRO CARE INC
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090427
Creation Date:	9/15/2009 18:30:08
Receipt Date:	20090510
Manifest ID:	002229123FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	ENVIRO CARE
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090427
Creation Date:	9/15/2009 18:30:08
Receipt Date:	20090510
Manifest ID:	002229123FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	ENVIRO CARE
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported

IBM CORPORATION (Continued) **1000109345**

TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD990843989
Shipment Date:	20081203
Creation Date:	4/9/2009 18:30:20
Receipt Date:	20081216
Manifest ID:	002292619FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081203
Creation Date:	4/9/2009 18:30:20
Receipt Date:	20081216
Manifest ID:	002292619FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.025

IBM CORPORATION (Continued) **1000109345**

Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	4/9/2009 18:30:08
Receipt Date:	20081211
Manifest ID:	002231676FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0235
Waste Quantity:	47
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080902
Creation Date:	2/4/2009 18:30:35
Receipt Date:	20081002
Manifest ID:	002288966FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0038
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080902

IBM CORPORATION (Continued) **1000109345**

Creation Date:	2/4/2009 18:30:35
Receipt Date:	20081002
Manifest ID:	002288966FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080714
Creation Date:	12/10/2008 18:30:08
Receipt Date:	20080801
Manifest ID:	001773837FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1235
Waste Quantity:	247
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080714
Creation Date:	12/10/2008 18:30:08
Receipt Date:	20080801
Manifest ID:	001773837FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC

IBM CORPORATION (Continued) **1000109345**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080416
Creation Date:	9/25/2008 18:30:24
Receipt Date:	20080519
Manifest ID:	001091964FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0285
Waste Quantity:	57
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080408
Creation Date:	6/5/2008 18:30:08
Receipt Date:	20080411
Manifest ID:	001241178JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC (KHF)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P

IBM CORPORATION (Continued) **1000109345**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080326
Creation Date:	9/10/2008 18:30:32
Receipt Date:	20080418
Manifest ID:	001831029FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW CO
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.2975
Waste Quantity:	4595
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD990843989
Shipment Date:	20071226
Creation Date:	10/30/2008 18:30:39
Receipt Date:	20080113
Manifest ID:	000255681VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	ILD098642424
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0305
Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712

IBM CORPORATION (Continued) **1000109345**

Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071101
Creation Date:	7/16/2008 18:30:34
Receipt Date:	20071129
Manifest ID:	001834992FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1

IBM CORPORATION (Continued) **1000109345**

Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071101
Creation Date:	7/16/2008 18:30:34
Receipt Date:	20071129
Manifest ID:	001834992FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.65
Waste Quantity:	1300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071031
Creation Date:	4/22/2008 18:30:08
Receipt Date:	20071119
Manifest ID:	001834961FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.336
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071026

IBM CORPORATION (Continued) **1000109345**

Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071214
Manifest ID:	001834772FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070912
Creation Date:	12/10/2007 18:30:18
Receipt Date:	20070912
Manifest ID:	000512772GBF
Trans EPA ID:	CAR000153395
Trans Name:	C&H VETERAN ENTERPRIES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD990843989

Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250

IBM CORPORATION (Continued) **1000109345**

Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.209
Waste Quantity:	418
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported

IBM CORPORATION (Continued) **1000109345**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0565
Waste Quantity:	113
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20070103
Manifest ID:	000395438FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	10/30/2008 18:30:32
Receipt Date:	20070107
Manifest ID:	000395439FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.532
Waste Quantity:	1064
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20070103
Manifest ID:	000395438FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.072
Waste Quantity:	144
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20070103
Manifest ID:	000395438FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC

IBM CORPORATION (Continued) **1000109345**

Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4135
Waste Quantity:	827
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	10/24/2007 18:30:14
Receipt Date:	20061207
Manifest ID:	000505244FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	7.41
Waste Quantity:	14820
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061109
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000395043FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008

IBM CORPORATION (Continued) **1000109345**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD990843989
Shipment Date:	20050712
Creation Date:	10/11/2005 18:31:29
Receipt Date:	20050718
Manifest ID:	24436400
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050204
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050204
Manifest ID:	22240366
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050204
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050204
Manifest ID:	22240367
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	13.4848
Waste Quantity:	16
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050203
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050203
Manifest ID:	22240277
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050203
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050203
Manifest ID:	22240278

IBM CORPORATION (Continued) **1000109345**

Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: NONE
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAD990843989

Shipment Date: 20041220
Creation Date: 2/17/2005 18:32:22
Receipt Date: 20041220
Manifest ID: 22240211
Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NONE
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041214
Creation Date: 3/16/2005 18:31:03
Receipt Date: 20041214
Manifest ID: 22240203
Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117

IBM CORPORATION (Continued) **1000109345**

Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.0185
Waste Quantity:	37
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041214
Creation Date:	3/16/2005 18:31:03
Receipt Date:	20041214
Manifest ID:	22240203
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.5265
Waste Quantity:	1053
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041015
Creation Date:	1/11/2005 18:30:51
Receipt Date:	20041019
Manifest ID:	22239997
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.107
Waste Quantity:	214
Quantity Unit:	P

IBM CORPORATION (Continued) **1000109345**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040908
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20040913
Manifest ID:	22239982
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.189
Waste Quantity:	378
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040727
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040728
Manifest ID:	22239941
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	5.16
Waste Quantity:	10320
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040617
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040625

IBM CORPORATION (Continued) **1000109345**

Manifest ID:	22240097
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.303
Waste Quantity:	606
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040510
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040511
Manifest ID:	22239903
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	8.33
Waste Quantity:	16660
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040408
Creation Date:	10/1/2004 18:31:09
Receipt Date:	20040409
Manifest ID:	22240032
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported

IBM CORPORATION (Continued) **1000109345**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	10.53
Waste Quantity:	21060
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040331
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040406
Manifest ID:	22240031
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.233
Waste Quantity:	466
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD990843989
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	98536781
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.5355
Waste Quantity:	1071

IBM CORPORATION (Continued) **1000109345**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031105
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031106
Manifest ID:	22239789
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	15.03
Waste Quantity:	30060
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031027
Creation Date:	8/3/2004 15:03:33
Receipt Date:	20031027
Manifest ID:	22239784
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2275
Waste Quantity:	455
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030811
Creation Date:	7/28/2004 10:48:03

IBM CORPORATION (Continued) **1000109345**

Receipt Date:	20030812
Manifest ID:	22239739
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	13.27
Waste Quantity:	26540
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030710
Creation Date:	7/22/2004 9:56:39
Receipt Date:	20030711
Manifest ID:	22239732
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.059
Waste Quantity:	118
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030529
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030530
Manifest ID:	22239706
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177

IBM CORPORATION (Continued) **1000109345**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.3355
Waste Quantity:	671
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030529
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030530
Manifest ID:	22239706
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.281
Waste Quantity:	562
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030529
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030530
Manifest ID:	22239706
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.206
Waste Quantity:	412
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030527
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030528
Manifest ID:	22239691
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	14.98
Waste Quantity:	29960
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030417
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030502
Manifest ID:	22020317
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.147
Waste Quantity:	294
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

153
ESE
1/2-1
0.824 mi.
4349 ft.

EXSIL, INC.
6541 VIA DEL ORO #C
SAN JOSE, CA 95119

ENVIROSTOR **S110493835**
N/A

Relative:
Higher

Actual:
204 ft.

ENVIROSTOR:

Name:	EXSIL, INC.
Address:	6541 VIA DEL ORO #C
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	71002463
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	28
Senate:	15
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.23529
Longitude:	-121.7854
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD055482822
Alias Type:	EPA Identification Number
Alias Name:	110001190201
Alias Type:	EPA (FRS #)
Alias Name:	71002463
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

154
ESE
1/2-1
0.962 mi.
5082 ft.

CYBERNEX ADVANCED STORAGE TECH
6580-B VIA DEL ORO
SAN JOSE, CA 95119

RCRA-SQG **1000217105**
ENVIROSTOR **CAD981991136**
CPS-SLIC
HIST UST

Relative:
Higher

Actual:
205 ft.

RCRA Listings:

Date Form Received by Agency:	19870309
Handler Name:	Cybernex Advanced Storage Tech
Handler Address:	VIA DEL ORO
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD981991136
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	6580 B VIA DEL ORO
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-224-8030
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	2
Mailing Address:	VIA DEL ORO
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Sobrato Interests
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SOBRATO INTERESTS	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19870309
Handler Name:	CYBERNEX ADVANCED STORAGE TECH
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:

Name:	CANDESCENT TECHNOLOGIES CORP., SAN JOSE
Address:	6580 VIA DEL ORO
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	71003064
Status:	Refer: Local Agency
Status Date:	07/31/2018
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	4.75
NPL:	NO
Regulatory Agencies:	RWQCB 2 - San Francisco Bay, CITY OF SAN JOSE
Lead Agency:	CITY OF SAN JOSE
Program Manager:	Not reported
Supervisor:	* Mark Piros
Division Branch:	Cleanup Berkeley
Assembly:	28
Senate:	15
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.23533
Longitude:	-121.7822
APN:	70609096
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	Dastek
Alias Type:	Alternate Name
Alias Name:	70609096
Alias Type:	APN
Alias Name:	CAD982474645
Alias Type:	EPA Identification Number
Alias Name:	T0608591682
Alias Type:	GeoTracker Global ID
Alias Name:	T0608591792
Alias Type:	GeoTracker Global ID
Alias Name:	71003064
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name:	DASTEK
Address:	6580 VIA DEL ORO
City,State,Zip:	SAN JOSE, CA 95119
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/17/2009
Global Id:	T0608591682
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.2352409923095
Longitude:	-121.782227533798
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43S0764
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Acetone
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	10/08/1987
Leak Reported Date:	10/23/1987
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/17/2009
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	36-40%
CA Enviroscreen 4 Score:	40-45%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	On 6/1/2012, Geologica submitted a closure request. On 6/12/2012, the case status was changed to closed based on this closure request including soil gas sampling in 1987 and soil sampling in 2003.

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	CYBERNEX CORP
Address:	6580 VIA DEL ORO
City,State,Zip:	SAN JOSE, CA 95119
File Number:	0002d221
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002d221.pdf
Region:	STATE
Facility ID:	00000004604
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	JAMES H. WILLIAMS
Telephone:	4082248010
Owner Name:	CYBERNEX CORP.
Owner Address:	6580 VIA DEL ORO
Owner City,St,Zip:	SAN JOSE, CA 95119
Total Tanks:	0006
Tank Num:	001
Container Num:	FACILITY J
Year Installed:	1982
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	FACILITY K
Year Installed:	1982
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	003
Container Num:	FACILITY L
Year Installed:	1982
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	004
Container Num:	FACILITY J
Year Installed:	1982
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	005

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Container Num:	FACILITY K
Year Installed:	1982
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	006
Container Num:	FACILITY L
Year Installed:	1982
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/25/2023
Date Data Arrived at EDR: 09/26/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/20/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/10/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/01/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/27/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/12/2024
Next Scheduled EDR Contact: 04/19/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/19/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/17/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 75
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 78
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 90
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2023
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 75
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/21/2023
Number of Days to Update: 83
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/31/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 80
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/02/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/07/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing

Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 11/16/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 09/27/2023
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/12/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 82

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/20/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 84

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 13

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/03/2023
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/09/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 10/06/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2023
Date Data Arrived at EDR: 10/09/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 12/01/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 12/14/2023
Number of Days to Update: 1

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/19/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/25/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/09/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 12

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 86
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/09/2023
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/07/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/07/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/02/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 78

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/21/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 77
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAN JOSE CAMPUS MASTER PLANNING
250 HOSPITAL PARKWAY
SAN JOSE, CA 95119

TARGET PROPERTY COORDINATES

Latitude (North):	37.239398 - 37° 14' 21.83''
Longitude (West):	121.800323 - 121° 48' 1.16''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606411.7
UTM Y (Meters):	4121900.5
Elevation:	192 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50003411 SANTA TERESA HILLS, CA
Version Date:	2021
North Map:	50003394 SAN JOSE EAST, CA
Version Date:	2021

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

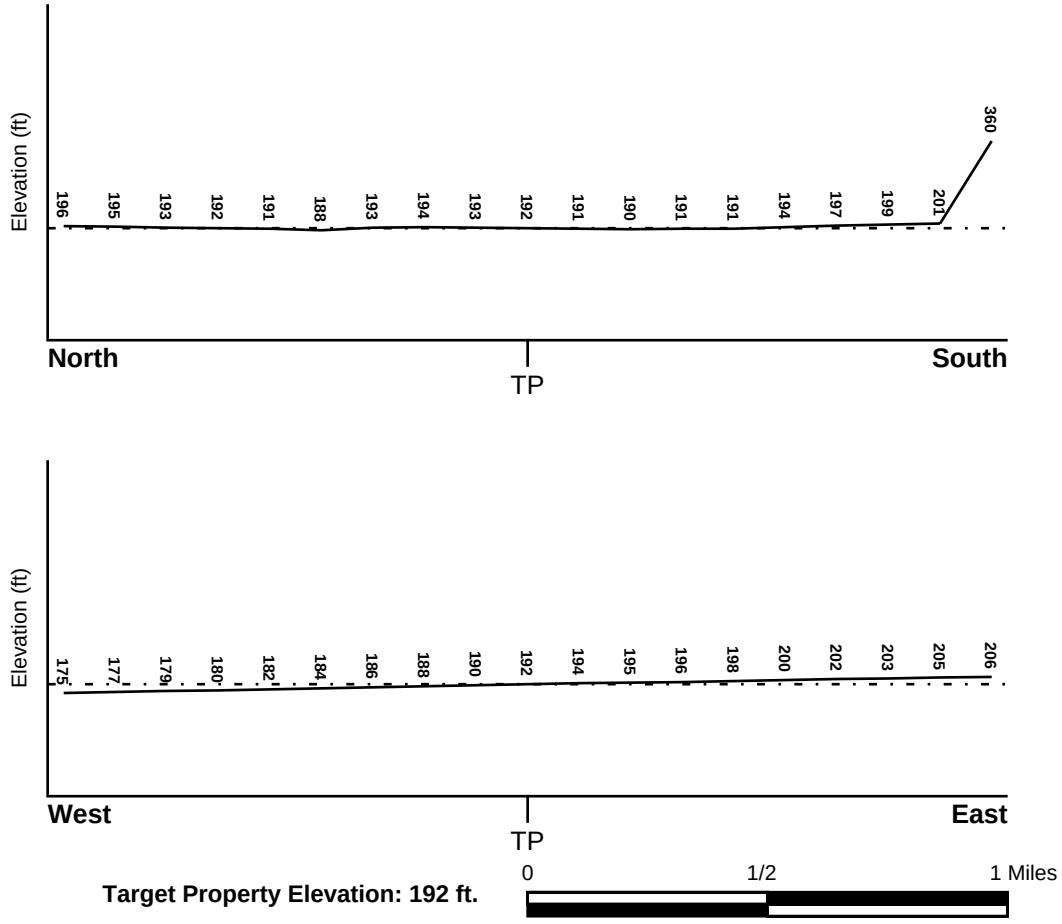
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06085C0406H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06085C0264H	FEMA FIRM Flood data
06085C0268H	FEMA FIRM Flood data
06085C0402H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SANTA TERESA HILLS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Mesozoic
Code:	uMze*(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	BOTELLA
Soil Surface Texture:	clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	USGS40000181708	1/8 - 1/4 Mile SW
AP206	USGS40000181742	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CALLNL000001234	0 - 1/8 Mile ESE
A2	CADDW0000019611	0 - 1/8 Mile East
B3	CADDW0000011302	0 - 1/8 Mile SW
B4	CALLNL000001347	0 - 1/8 Mile SW
B6	CAUSGSN00014183	1/8 - 1/4 Mile SW
C7	CADDW0000001665	1/8 - 1/4 Mile NNW
C8	CALLNL000000258	1/8 - 1/4 Mile NNW
9	CADWR9000034374	1/8 - 1/4 Mile ESE
B10	CAEDF0000053792	1/8 - 1/4 Mile SW
B11	CAEDF0000005136	1/8 - 1/4 Mile SW
D12	CAEDF0000128569	1/8 - 1/4 Mile WSW
D13	CADDW0000001108	1/8 - 1/4 Mile WSW
14	CADWR0000021665	1/8 - 1/4 Mile WNW
D15	CAEDF0000014180	1/8 - 1/4 Mile SW
D16	CAEDF0000000217	1/8 - 1/4 Mile SW
D17	CAEDF0000063450	1/8 - 1/4 Mile SW
D18	CAEDF0000125227	1/8 - 1/4 Mile SW
D19	CAEDF0000058956	1/8 - 1/4 Mile SW
D20	CAEDF0000051684	1/8 - 1/4 Mile SW
D21	CAEDF0000093154	1/8 - 1/4 Mile SW
D22	CAEDF0000005700	1/8 - 1/4 Mile SW
E23	CAEDF0000080941	1/8 - 1/4 Mile North
D24	CAEDF0000083873	1/8 - 1/4 Mile SW
F25	CAEDF0000051306	1/8 - 1/4 Mile NNE
D26	CAEDF0000109308	1/8 - 1/4 Mile SW
F27	CAEDF0000120279	1/8 - 1/4 Mile NNE
G28	CAEDF0000069866	1/8 - 1/4 Mile SW
G29	CAEDF0000123114	1/8 - 1/4 Mile SW
G30	CAEDF0000036530	1/8 - 1/4 Mile SW
G31	CAEDF0000077097	1/4 - 1/2 Mile SW
G32	CAEDF0000059893	1/4 - 1/2 Mile SW
G33	CAEDF0000085717	1/4 - 1/2 Mile SW
G34	CAEDF0000058885	1/4 - 1/2 Mile SW
D35	CAEDF0000070578	1/4 - 1/2 Mile SW
G36	CAEDF0000053390	1/4 - 1/2 Mile SW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G37	CAEDF0000036220	1/4 - 1/2 Mile SW
G38	CAEDF0000017821	1/4 - 1/2 Mile SW
G39	CAEDF0000022766	1/4 - 1/2 Mile SW
G40	CAEDF0000099372	1/4 - 1/2 Mile SW
G41	CAEDF0000068867	1/4 - 1/2 Mile SW
G42	CAEDF0000139718	1/4 - 1/2 Mile SW
G43	CAEDF0000079864	1/4 - 1/2 Mile SW
G44	CAEDF0000078530	1/4 - 1/2 Mile SW
G45	CAEDF0000102869	1/4 - 1/2 Mile SW
G46	CAEDF0000018672	1/4 - 1/2 Mile SW
G47	CAEDF0000009809	1/4 - 1/2 Mile SW
G48	CAEDF0000066387	1/4 - 1/2 Mile SW
G49	CAEDF0000103178	1/4 - 1/2 Mile SW
G50	CAEDF0000038073	1/4 - 1/2 Mile SW
G51	CAEDF0000089598	1/4 - 1/2 Mile SW
G52	CAEDF0000036068	1/4 - 1/2 Mile SW
53	CAEDF0000015448	1/4 - 1/2 Mile SW
E54	CAEDF0000085857	1/4 - 1/2 Mile North
G55	CAEDF0000073378	1/4 - 1/2 Mile SW
G56	CAEDF0000087792	1/4 - 1/2 Mile SW
G57	CAEDF0000041474	1/4 - 1/2 Mile SW
G58	CAEDF0000038381	1/4 - 1/2 Mile SW
G59	CAEDF0000077843	1/4 - 1/2 Mile SW
G60	CAEDF0000033200	1/4 - 1/2 Mile SW
G61	CAEDF0000105244	1/4 - 1/2 Mile SW
G62	CAEDF0000019635	1/4 - 1/2 Mile SSW
G63	CAEDF0000068869	1/4 - 1/2 Mile SSW
H64	CAEDF0000055791	1/4 - 1/2 Mile NNE
65	CADWR9000034377	1/4 - 1/2 Mile East
H66	CAEDF0000072142	1/4 - 1/2 Mile NNE
I67	CAEDF0000077312	1/4 - 1/2 Mile NNW
J68	CAEDF0000010965	1/4 - 1/2 Mile NE
K69	CAEDF0000085315	1/4 - 1/2 Mile ENE
L70	CADDW0000005770	1/4 - 1/2 Mile ESE
L71	CADWR9000034369	1/4 - 1/2 Mile ESE
K72	CAEDF0000035702	1/4 - 1/2 Mile ENE
L73	CALLNL000000872	1/4 - 1/2 Mile ESE
M74	8548	1/4 - 1/2 Mile South
M75	8589	1/4 - 1/2 Mile South
M76	8590	1/4 - 1/2 Mile South
77	CAEDF0000120131	1/4 - 1/2 Mile North
I78	CAEDF0000004392	1/4 - 1/2 Mile NNW
K79	CAEDF0000138604	1/4 - 1/2 Mile ENE
N80	CAEDF0000141042	1/4 - 1/2 Mile NE
N81	CAEDF0000052940	1/4 - 1/2 Mile NE
J82	CAEDF0000079473	1/4 - 1/2 Mile NE
N83	CAEDF0000033045	1/4 - 1/2 Mile NE
84	CAEDF0000072141	1/4 - 1/2 Mile NE
O85	CAEDF0000013987	1/4 - 1/2 Mile North
P86	CAEDF0000139168	1/2 - 1 Mile NNE
O87	CAEDF0000114616	1/2 - 1 Mile North
P88	CAEDF0000067164	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
P89	CAEDF0000080235	1/2 - 1 Mile North
P90	CAEDF0000077696	1/2 - 1 Mile North
P91	CAEDF0000018382	1/2 - 1 Mile North
P92	CAEDF0000078303	1/2 - 1 Mile North
Q93	CAEDF0000090781	1/2 - 1 Mile NNW
P94	CAEDF0000033807	1/2 - 1 Mile North
P95	CAEDF0000009631	1/2 - 1 Mile North
O96	CAEDF0000043916	1/2 - 1 Mile North
Q97	CAEDF0000037318	1/2 - 1 Mile NNW
98	CADWR0000032571	1/2 - 1 Mile WNW
Q99	CAEDF0000130274	1/2 - 1 Mile NNW
P100	CAEDF0000013106	1/2 - 1 Mile North
R101	CAEDF0000075993	1/2 - 1 Mile North
Q102	CAEDF0000092771	1/2 - 1 Mile NNW
103	CAEDF0000047221	1/2 - 1 Mile NNE
S104	CAEDF0000136109	1/2 - 1 Mile North
R105	CAEDF0000085856	1/2 - 1 Mile North
R106	CAEDF0000063452	1/2 - 1 Mile North
T107	CAEDF0000098993	1/2 - 1 Mile NNE
U108	CAEDF0000095512	1/2 - 1 Mile NNE
S109	CAEDF0000081322	1/2 - 1 Mile North
U110	CAEDF0000102726	1/2 - 1 Mile NNE
T111	CAEDF0000051682	1/2 - 1 Mile NNE
V112	CAEDF0000092769	1/2 - 1 Mile NNW
T113	CADDW0000022644	1/2 - 1 Mile NNE
S114	CAEDF0000074370	1/2 - 1 Mile NNW
V115	CAEDF0000052939	1/2 - 1 Mile NNW
V116	CAEDF0000122872	1/2 - 1 Mile NNW
W117	CAEDF0000024381	1/2 - 1 Mile NNE
X118	CAEDF0000070577	1/2 - 1 Mile North
S119	CAEDF0000074768	1/2 - 1 Mile North
Y120	CAEDF0000062984	1/2 - 1 Mile North
T121	CAEDF0000051301	1/2 - 1 Mile NNE
Z122	CAEDF0000092770	1/2 - 1 Mile NE
T123	CADDW0000018929	1/2 - 1 Mile NNE
T124	CAEDF0000038769	1/2 - 1 Mile NNE
Z125	CAEDF0000042627	1/2 - 1 Mile NE
T126	CADDW0000017706	1/2 - 1 Mile NNE
T127	CAEDF0000097685	1/2 - 1 Mile NNE
W128	CAEDF0000021723	1/2 - 1 Mile NNE
W129	CAEDF0000090548	1/2 - 1 Mile NNE
AA130	CAEDF0000135549	1/2 - 1 Mile North
X131	CAEDF0000057259	1/2 - 1 Mile North
X132	CAEDF0000073522	1/2 - 1 Mile North
AB133	CAEDF0000099306	1/2 - 1 Mile NNE
X134	CAEDF0000102394	1/2 - 1 Mile North
X135	CAEDF0000140563	1/2 - 1 Mile North
136	CADWR0000020569	1/2 - 1 Mile WSW
AA137	CAEDF0000016119	1/2 - 1 Mile North
AB138	19813	1/2 - 1 Mile NNE
AB139	19812	1/2 - 1 Mile NNE
AB140	8577	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

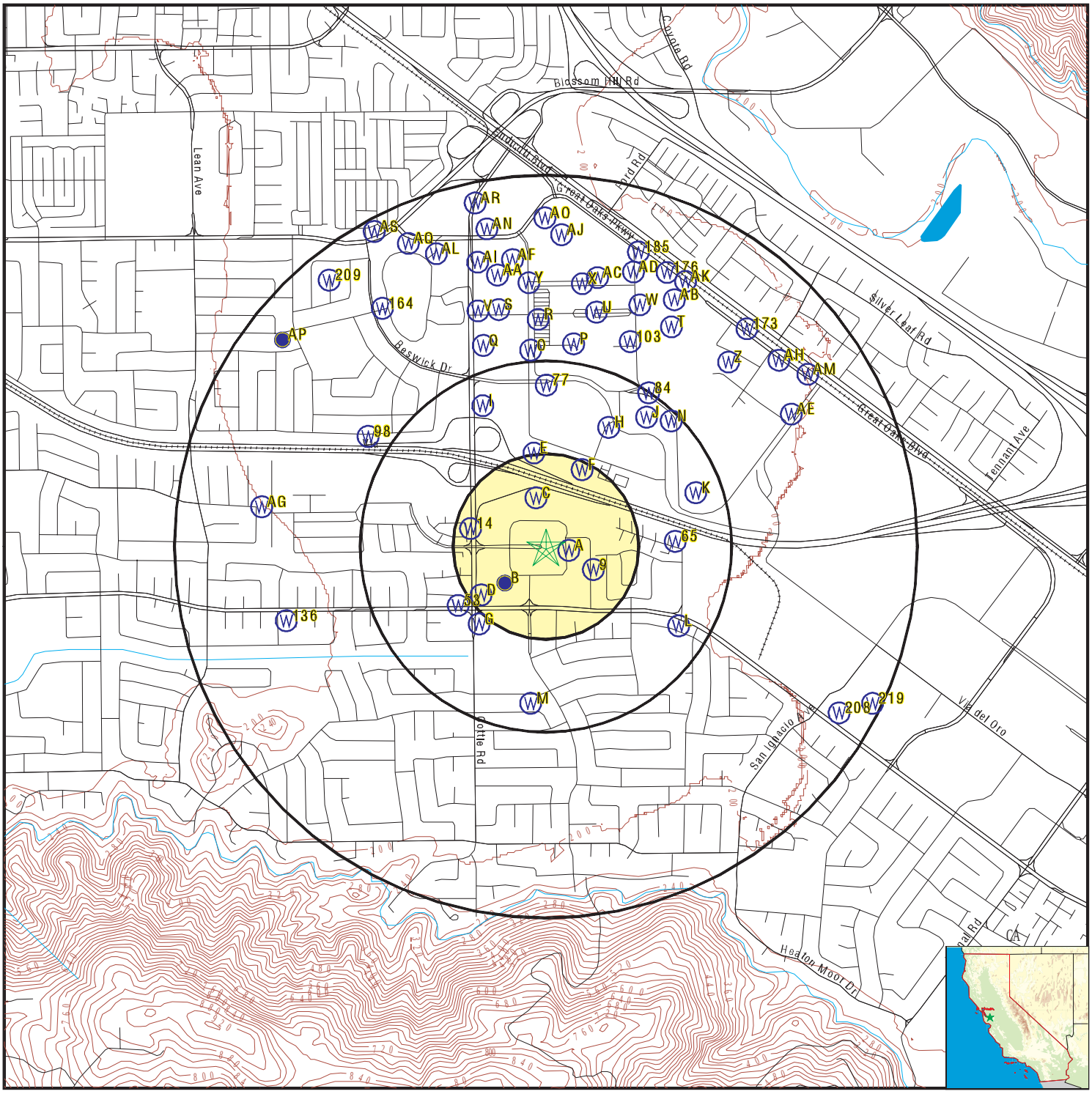
MAP ID	WELL ID	LOCATION FROM TP
AB141	19814	1/2 - 1 Mile NNE
Y142	CAEDF0000004674	1/2 - 1 Mile North
AB143	CAEDF0000055407	1/2 - 1 Mile NNE
AC144	CAEDF0000082185	1/2 - 1 Mile North
AC145	CAEDF0000097937	1/2 - 1 Mile NNE
AD146	CAEDF0000132536	1/2 - 1 Mile NNE
AE147	CAEDF0000037315	1/2 - 1 Mile ENE
AA148	CAEDF0000085859	1/2 - 1 Mile North
AE149	CAEDF0000035760	1/2 - 1 Mile ENE
AE150	CAEDF0000061275	1/2 - 1 Mile ENE
AD151	CAEDF0000095215	1/2 - 1 Mile NNE
AA152	CAEDF0000118865	1/2 - 1 Mile North
AB153	CAEDF0000121886	1/2 - 1 Mile NNE
AB154	CAEDF0000076134	1/2 - 1 Mile NNE
AA155	CAEDF0000095217	1/2 - 1 Mile NNW
AF156	CAEDF0000108527	1/2 - 1 Mile North
AB157	CAEDF0000087412	1/2 - 1 Mile NNE
AG158	CADDW0000020868	1/2 - 1 Mile West
AB159	CAEDF0000047085	1/2 - 1 Mile NNE
AB160	CAEDF0000005514	1/2 - 1 Mile NNE
AB161	CAEDF0000075767	1/2 - 1 Mile NNE
AH162	CAEDF0000074374	1/2 - 1 Mile NE
AG163	CALLNL000000621	1/2 - 1 Mile West
164	CAEDF0000009048	1/2 - 1 Mile NW
AI165	CAEDF0000045983	1/2 - 1 Mile NNW
AD166	CAEDF0000096334	1/2 - 1 Mile NNE
AF167	CAEDF0000022575	1/2 - 1 Mile North
AH168	19815	1/2 - 1 Mile NE
AH169	8578	1/2 - 1 Mile NE
AI170	CAEDF0000067011	1/2 - 1 Mile NNW
AD171	CAEDF0000141184	1/2 - 1 Mile NNE
AH172	CAEDF0000040829	1/2 - 1 Mile NE
173	CAEDF0000077163	1/2 - 1 Mile NE
AJ174	CADWR0000011812	1/2 - 1 Mile North
AK175	CAEDF0000033575	1/2 - 1 Mile NNE
176	CAEDF0000096171	1/2 - 1 Mile NNE
AD177	CAEDF0000037548	1/2 - 1 Mile NNE
AH178	CAEDF0000106433	1/2 - 1 Mile NE
AK179	CAEDF0000068475	1/2 - 1 Mile NNE
AH180	CAEDF0000092154	1/2 - 1 Mile NE
AH181	CAEDF0000093726	1/2 - 1 Mile NE
AH182	CADDW0000004549	1/2 - 1 Mile NE
AJ183	CAEDF0000070799	1/2 - 1 Mile North
AL184	CAEDF0000114257	1/2 - 1 Mile NNW
185	CAEDF0000042490	1/2 - 1 Mile NNE
AL186	CAEDF0000130979	1/2 - 1 Mile NNW
AM187	CAEDF0000063423	1/2 - 1 Mile NE
AM188	CADDW0000016253	1/2 - 1 Mile NE
AM189	CADDW0000002574	1/2 - 1 Mile NE
AN190	CAEDF0000105611	1/2 - 1 Mile North
AM191	CAEDF0000072349	1/2 - 1 Mile ENE
AL192	CAEDF0000048008	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AN193	CAEDF0000131624	1/2 - 1 Mile North
AN194	CAEDF0000031336	1/2 - 1 Mile NNW
AJ195	CAEDF0000031337	1/2 - 1 Mile North
AJ196	CAEDF0000052795	1/2 - 1 Mile North
AO197	CAEDF0000101305	1/2 - 1 Mile North
AO198	CAEDF0000088793	1/2 - 1 Mile North
AO199	CAEDF0000117746	1/2 - 1 Mile North
AP200	CADDW0000013435	1/2 - 1 Mile NW
AQ201	CAEDF0000036524	1/2 - 1 Mile NNW
AQ202	CAEDF0000052862	1/2 - 1 Mile NNW
AN203	CAEDF0000010577	1/2 - 1 Mile NNW
AQ204	CAEDF0000106291	1/2 - 1 Mile NNW
AP205	CAUSGSN00019034	1/2 - 1 Mile NW
AP207	CALLNL000001409	1/2 - 1 Mile NW
208	CADWR0000016539	1/2 - 1 Mile ESE
209	CAEDF0000011940	1/2 - 1 Mile NW
AR210	CAEDF0000131274	1/2 - 1 Mile NNW
AR211	CAEDF0000101547	1/2 - 1 Mile NNW
AR212	CAEDF0000022673	1/2 - 1 Mile North
AR213	CAEDF0000085251	1/2 - 1 Mile North
AR214	CAEDF0000050464	1/2 - 1 Mile North
AS215	CAEDF0000114641	1/2 - 1 Mile NNW
AR216	CAEDF0000141898	1/2 - 1 Mile NNW
AR217	CAEDF0000033044	1/2 - 1 Mile North
AS218	CAEDF0000039613	1/2 - 1 Mile NNW
219	8591	1/2 - 1 Mile ESE
AS220	CAEDF0000092220	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 7547154.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	San Jose Campus Master Planning	CLIENT:	Langan
ADDRESS:	250 Hospital Parkway San Jose CA 95119	CONTACT:	Peter Cusack
LAT/LONG:	37.239398 / 121.800323	INQUIRY #:	7547154.1s
		DATE:	January 22, 2024 6:05 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
ESE
0 - 1/8 Mile
Higher

CA WELLS **CALLNL000001234**

Well ID:	101007	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18E10 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000325681
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Krypton	Results:	.0000000792914
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Tritium (Hydrogen 3)	Results:	15.65
Units:	pCi/L	Date:	06/10/2002
Chemical:	Argon	Results:	.000405296
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Xenon	Results:	.0000000113377
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Helium-3/Helium-4	Results:	.00000144638
Units:	atom ratio	Date:	02/15/2002
Chemical:	Helium-4	Results:	.0000000635441
Units:	cm3STP/g	Date:	02/15/2002

A2
East
0 - 1/8 Mile
Higher

CA WELLS **CADDW0000019611**

Well ID:	4310022-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 11	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-010&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B3
SW
0 - 1/8 Mile
Lower

CA WELLS **CADDW0000011302**

Well ID:	4310022-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 12	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-011&store_num=		
GeoTracker Data:	Not Reported		

B4
SW
0 - 1/8 Mile
Lower

CA WELLS **CALLNL000001347**

Well ID:	101070	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18E11 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000349315
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Krypton	Results:	.0000000870057
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Xenon	Results:	.0000000113462
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Helium-3/Helium-4	Results:	.00000148809
Units:	atom ratio	Date:	03/14/2002
Chemical:	Tritium (Hydrogen 3)	Results:	12.45
Units:	pCi/L	Date:	02/25/2002
Chemical:	Helium-4	Results:	.0000000769487
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Argon	Results:	.000409739
Units:	cm3STP/g	Date:	03/14/2002

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
SW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000181708**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	008S002E18E011M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19721215	Well Depth:	187
Well Depth Units:	ft	Well Hole Depth:	220
Well Hole Depth Units:	ft		

B6
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAUSGSN00014183**

Well ID:	USGS-371417121480701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-371417121480701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-371417121480701&store_num=		
GeoTracker Data:	Not Reported		

C7
NNW
1/8 - 1/4 Mile
Higher

CA WELLS **CADDW0000001665**

Well ID:	4310022-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 10 S TER HOSP	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-009&store_num=		
GeoTracker Data:	Not Reported		

C8
NNW
1/8 - 1/4 Mile
Higher

CA WELLS **CALLNL000000258**

Well ID:	101006	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18D10 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Tritium (Hydrogen 3)	Results:	4.56

Units:	pCi/L	Date:	04/25/2002
Chemical:	Neon	Results:	.000000304683
Units:	cm3STP/g	Date:	02/05/2002
Chemical:	Xenon	Results:	.00000000900218
Units:	cm3STP/g	Date:	02/05/2002
Chemical:	Helium-3/Helium-4	Results:	.00000150264
Units:	atom ratio	Date:	02/05/2002
Chemical:	Argon	Results:	.000403348
Units:	cm3STP/g	Date:	02/05/2002
Chemical:	Helium-4	Results:	.0000000765131
Units:	cm3STP/g	Date:	02/05/2002
Chemical:	Krypton	Results:	.0000000721662
Units:	cm3STP/g	Date:	02/05/2002

9
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR9000034374**

State Well #:	08S02E18F016M	Station ID:	47674
Well Name:	08S02E18F016	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	179	Well Completion Rpt #:	274887

B10
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000053792**

Well ID:	T0608501820-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-7		

B11
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000005136**

Well ID:	T0608501820-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-4

D12
WSW **CA WELLS** **CAEDF0000128569**
1/8 - 1/4 Mile
Lower

Well ID: T0608501820-SP-2/B-1 Well Type: MONITORING
Source: EDF Other Name: SP-2/B-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=SP-2/B-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=SP-2/B-1

D13
WSW **CA WELLS** **CADDW0000001108**
1/8 - 1/4 Mile
Lower

Well ID: 4310022-003 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 03 COTTLE - STANDBY GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-003&store_num=
GeoTracker Data: Not Reported

14
WNW **CA WELLS** **CADWR0000021665**
1/8 - 1/4 Mile
Lower

Well ID: 08S02E18E011M Well Type: UNK
Source: Department of Water Resources
Other Name: 08S02E18E011M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E18E011M&store_num=
GeoTracker Data: Not Reported

D15
SW **CA WELLS** **CAEDF0000014180**
1/8 - 1/4 Mile
Lower

Well ID: T0608501820-SP-1/B-1 Well Type: MONITORING
Source: EDF Other Name: SP-1/B-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=SP-1/B-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=SP-1/B-1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D16
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000000217**

Well ID:	T0608501820-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-5		

D17
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000063450**

Well ID:	T0608501820-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-2		

D18
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000125227**

Well ID:	T0608501820-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-1		

D19
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000058956**

Well ID:	T0608501820-SP-1/A-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SP-1/A-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=SP-1/A-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=SP-1/A-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D20
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000051684**

Well ID:	T0608501820-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-8		

D21
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000093154**

Well ID:	T0608501820-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-9		

D22
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000005700**

Well ID:	T0608501820-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-6		

E23
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000080941**

Well ID:	SL720561211-A-51	Well Type:	MONITORING
Source:	EDF	Other Name:	A-51
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-51&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-51		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D24
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000083873**

Well ID:	T0608501820-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-3		

F25
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000051306**

Well ID:	SL720561211-C-18	Well Type:	MONITORING
Source:	EDF	Other Name:	C-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-18		

D26
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000109308**

Well ID:	T0608501533-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-17		

F27
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000120279**

Well ID:	SL720561211-A-50	Well Type:	MONITORING
Source:	EDF	Other Name:	A-50
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-50&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-50		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G28
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000069866**

Well ID:	T0608501533-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-31		

G29
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000123114**

Well ID:	T0608501533-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-20		

G30
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000036530**

Well ID:	T0608501533-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-7		

G31
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077097**

Well ID:	T0608501533-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G32
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000059893**

Well ID:	T0608501533-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-30		

G33
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000085717**

Well ID:	T0608501533-MW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-29		

G34
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000058885**

Well ID:	T0608501533-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-24		

D35
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000070578**

Well ID:	T0608501533-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-18		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G36
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000053390**

Well ID:	T0608501533-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-8		

G37
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036220**

Well ID:	T0608501533-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-2		

G38
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000017821**

Well ID:	T0608501533-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-6		

G39
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000022766**

Well ID:	T0608501533-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-3		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G40
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000099372**

Well ID:	T0608501533-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-4		

G41
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000068867**

Well ID:	T0608501533-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-25		

G42
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000139718**

Well ID:	T0608501533-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-5		

G43
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000079864**

Well ID:	T0608501533-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-14		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G44
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000078530**

Well ID:	T0608501533-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-1		

G45
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000102869**

Well ID:	T0608501533-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-13		

G46
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000018672**

Well ID:	T0608501533-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-10		

G47
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000009809**

Well ID:	T0608501533-EW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-2		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G48
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000066387**

Well ID:	T0608501533-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-9		

G49
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000103178**

Well ID:	T0608501533-EW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-3		

G50
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000038073**

Well ID:	T0608501533-EW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-5		

G51
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000089598**

Well ID:	T0608501533-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G52
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036068**

Well ID:	T0608501533-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-21		

53
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000015448**

Well ID:	T0608501533-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-19		

E54
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000085857**

Well ID:	SL720561211-RUBINO	Well Type:	MONITORING
Source:	EDF	Other Name:	RUBINO
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RUBINO&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RUBINO		

G55
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000073378**

Well ID:	T0608501533-EW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G56
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000087792**

Well ID:	T0608501533-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-16		

G57
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000041474**

Well ID:	T0608501533-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-15		

G58
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000038381**

Well ID:	T0608501533-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-26		

G59
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077843**

Well ID:	T0608501533-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-12		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G60
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000033200**

Well ID:	T0608501533-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-11		

G61
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000105244**

Well ID:	T0608501533-MW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-28		

G62
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000019635**

Well ID:	T0608501533-MW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-27		

G63
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000068869**

Well ID:	T0608501533-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-23		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H64
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000055791**

Well ID:	SL720561211-FELICE	Well Type:	MONITORING
Source:	EDF	Other Name:	FELICE
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=FELICE&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=FELICE		

65
East
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000034377**

State Well #:	08S02E18G010M	Station ID:	47675
Well Name:	08S02E18G010	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	178	Well Completion Rpt #:	266864

H66
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000072142**

Well ID:	SL720561211-A-42	Well Type:	MONITORING
Source:	EDF	Other Name:	A-42
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-42&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-42		

I67
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077312**

Well ID:	SL720561211-A-34	Well Type:	MONITORING
Source:	EDF	Other Name:	A-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-34		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J68
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000010965**

Well ID:	SL720561211-C-16	Well Type:	MONITORING
Source:	EDF	Other Name:	C-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-16		

K69
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000085315**

Well ID:	SL720561211-B-47	Well Type:	MONITORING
Source:	EDF	Other Name:	B-47
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-47&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-47		

L70
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000005770**

Well ID:	4310022-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04 SANTA TERESA	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-004&store_num=		
GeoTracker Data:	Not Reported		

L71
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000034369**

State Well #:	08S02E18L001M	Station ID:	47676
Well Name:	08S02E18L001	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	200	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K72
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000035702**

Well ID:	SL720561211-C-21	Well Type:	MONITORING
Source:	EDF	Other Name:	C-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-21		

L73
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CALLNL000000872**

Well ID:	101008	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18K10 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-3/Helium-4	Results:	.00000152572
Units:	atom ratio	Date:	02/15/2002
Chemical:	Tritium (Hydrogen 3)	Results:	13.52
Units:	pCi/L	Date:	04/22/2002
Chemical:	Krypton	Results:	.0000000802012
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Helium-4	Results:	.0000000652937
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Argon	Results:	.00040011
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Neon	Results:	.000000307698
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Xenon	Results:	.0000000118217
Units:	cm3STP/g	Date:	02/15/2002

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database: CA WELLS
EDR ID Number: 8548

M74
South
1/4 - 1/2 Mile
Lower

Seq:	8548	Prim sta c:	08S/01E-13H10 M
Frds no:	4310022003	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 03 COTTLE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214800.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		

Sample date:	16-MAR-16	Finding:	0.18
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	16-MAR-16	Finding:	1.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	27-AUG-14	Finding:	3.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	04-SEP-13	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	380.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	72.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	47.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	60.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	04-SEP-13	Finding:	490.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	0.98
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	0.56
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	3200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-SEP-13	Finding:	290.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	830.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

M75
South
1/4 - 1/2 Mile
Lower

CA WELLS 8589

Seq:	8589	Prim sta c:	08S/02E-18E10 M
Frds no:	4310022010	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 11	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214800.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported

Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		
Sample date:	02-OCT-17	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-JUN-17	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-JUN-17	Finding:	1.9
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-17	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	420.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	0.8
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	0.43
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	220.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-JUN-17	Finding:	2.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-17	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	01-JUN-17	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	46.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	33.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	670.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	25-AUG-14	Finding:	3.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-14	Finding:	0.58
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-AUG-14	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	15-AUG-13	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-AUG-13	Finding:	690.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	1800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-AUG-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	8.1e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	0.89
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	0.74
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	15-AUG-13	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	49.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	15-AUG-13	Finding:	36.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	59.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-AUG-12	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-AUG-12	Finding:	0.9
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

M76
South
1/4 - 1/2 Mile
Lower

CA WELLS 8590

Seq:	8590	Prim sta c:	08S/02E-18E11 M
Frds no:	4310022011	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 12	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214800.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		
Sample date:	30-AUG-17	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-AUG-17	Finding:	2.1

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	0.96
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-AUG-16	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-AUG-16	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	280.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	55.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	34.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	0.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-SEP-15	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-AUG-14	Finding:	3.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-AUG-13	Finding:	2300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-AUG-13	Finding:	8.5e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	710.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	38.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	15-AUG-13	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	47.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	52.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-AUG-13	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	0.84
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

77
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000120131**

Well ID:	SL720561211-A-27	Well Type:	MONITORING
Source:	EDF	Other Name:	A-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-27		

I78
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000004392**

Well ID:	SL720561211-D-02	Well Type:	MONITORING
Source:	EDF	Other Name:	D-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=D-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=D-02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K79
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000138604**

Well ID:	SL720561211-A-49	Well Type:	MONITORING
Source:	EDF	Other Name:	A-49
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-49&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-49		

N80
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000141042**

Well ID:	SL720561211-A-66	Well Type:	MONITORING
Source:	EDF	Other Name:	A-66
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-66&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-66		

N81
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000052940**

Well ID:	SL720561211-A-35	Well Type:	MONITORING
Source:	EDF	Other Name:	A-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-35		

J82
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000079473**

Well ID:	SL720561211-A-69	Well Type:	MONITORING
Source:	EDF	Other Name:	A-69
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-69&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-69		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N83
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000033045**

Well ID:	SL720561211-B-36	Well Type:	MONITORING
Source:	EDF	Other Name:	B-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-36		

84
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000072141**

Well ID:	SL720561211-A-64	Well Type:	MONITORING
Source:	EDF	Other Name:	A-64
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-64&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-64		

O85
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000013987**

Well ID:	SL720561211-A-37	Well Type:	MONITORING
Source:	EDF	Other Name:	A-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-37		

P86
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000139168**

Well ID:	SL720561211-A-61	Well Type:	MONITORING
Source:	EDF	Other Name:	A-61
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-61&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-61		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O87
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114616**

Well ID:	SL720561211-A-11	Well Type:	MONITORING
Source:	EDF	Other Name:	A-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-11		

P88
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067164**

Well ID:	SL720561211-B-22	Well Type:	MONITORING
Source:	EDF	Other Name:	B-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-22		

P89
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080235**

Well ID:	SL720561211-RA-12	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-12		

P90
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077696**

Well ID:	SL720561211-B-24	Well Type:	MONITORING
Source:	EDF	Other Name:	B-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-24		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P91
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000018382**

Well ID:	SL720561211-A-53	Well Type:	MONITORING
Source:	EDF	Other Name:	A-53
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-53&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-53		

P92
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078303**

Well ID:	SL720561211-RB-08	Well Type:	MONITORING
Source:	EDF	Other Name:	RB-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RB-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RB-08		

Q93
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090781**

Well ID:	SL720561211-B-05	Well Type:	MONITORING
Source:	EDF	Other Name:	B-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-05		

P94
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033807**

Well ID:	SL720561211-RA-14	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P95
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009631**

Well ID:	SL720561211-RB-07	Well Type:	MONITORING
Source:	EDF	Other Name:	RB-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RB-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RB-07		

O96
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043916**

Well ID:	SL720561211-B-28	Well Type:	MONITORING
Source:	EDF	Other Name:	B-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-28		

Q97
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037318**

Well ID:	SL720561211-A-21	Well Type:	MONITORING
Source:	EDF	Other Name:	A-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-21		

98
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032571**

Well ID:	08S01E13A001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S01E13A001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S01E13A001M&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q99
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130274**

Well ID:	SL720561211-C-03	Well Type:	MONITORING
Source:	EDF	Other Name:	C-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-03		

P100
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000013106**

Well ID:	SL720561211-RA-11	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-11		

R101
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075993**

Well ID:	SL720561211-A-239	Well Type:	MONITORING
Source:	EDF	Other Name:	A-239
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-239&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-239		

Q102
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092771**

Well ID:	SL720561211-A-36	Well Type:	MONITORING
Source:	EDF	Other Name:	A-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-36		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

103
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047221**

Well ID:	SL720561211-A-45	Well Type:	MONITORING
Source:	EDF	Other Name:	A-45
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-45&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-45		

S104
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000136109**

Well ID:	SL720561211-C-04	Well Type:	MONITORING
Source:	EDF	Other Name:	C-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-04		

R105
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000085856**

Well ID:	SL720561211-A-24	Well Type:	MONITORING
Source:	EDF	Other Name:	A-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-24		

R106
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063452**

Well ID:	SL720561211-B-10	Well Type:	MONITORING
Source:	EDF	Other Name:	B-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T107
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098993**

Well ID:	SL720561211-W-6	Well Type:	MONITORING
Source:	EDF	Other Name:	W-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-6		

U108
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095512**

Well ID:	SL720561211-RA-26	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-26		

S109
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000081322**

Well ID:	SL720561211-B-14	Well Type:	MONITORING
Source:	EDF	Other Name:	B-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-14		

U110
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102726**

Well ID:	SL720561211-B-23	Well Type:	MONITORING
Source:	EDF	Other Name:	B-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-23		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T111
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000051682**

Well ID:	SL720561211-W-5	Well Type:	MONITORING
Source:	EDF	Other Name:	W-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-5		

V112
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092769**

Well ID:	SL720561211-B-02	Well Type:	MONITORING
Source:	EDF	Other Name:	B-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-02		

T113
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000022644**

Well ID:	4300791-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 05	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-004&store_num=		
GeoTracker Data:	Not Reported		

S114
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074370**

Well ID:	SL720561211-A-05	Well Type:	MONITORING
Source:	EDF	Other Name:	A-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V115
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052939**

Well ID:	SL720561211-C-01	Well Type:	MONITORING
Source:	EDF	Other Name:	C-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-01		

V116
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122872**

Well ID:	SL720561211-D-01	Well Type:	MONITORING
Source:	EDF	Other Name:	D-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=D-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=D-01		

W117
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000024381**

Well ID:	SL720561211-A-77	Well Type:	MONITORING
Source:	EDF	Other Name:	A-77
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-77&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-77		

X118
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070577**

Well ID:	SL720561211-A-46	Well Type:	MONITORING
Source:	EDF	Other Name:	A-46
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-46&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-46		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S119
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074768**

Well ID:	SL720561211-RA-08	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-08		

Y120
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062984**

Well ID:	SL720561211-B-09	Well Type:	MONITORING
Source:	EDF	Other Name:	B-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-09		

T121
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000051301**

Well ID:	SL720561211-W-4	Well Type:	MONITORING
Source:	EDF	Other Name:	W-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-4		

Z122
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092770**

Well ID:	SL720561211-A-43	Well Type:	MONITORING
Source:	EDF	Other Name:	A-43
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-43&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-43		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T123
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000018929**

Well ID:	4300791-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-003&store_num=		
GeoTracker Data:	Not Reported		

T124
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038769**

Well ID:	SL720561211-A-40	Well Type:	MONITORING
Source:	EDF	Other Name:	A-40
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-40&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-40		

Z125
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042627**

Well ID:	SL720561211-B-42	Well Type:	MONITORING
Source:	EDF	Other Name:	B-42
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-42&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-42		

T126
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000017706**

Well ID:	4300791-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T127
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097685**

Well ID:	SL720561211-W-3	Well Type:	MONITORING
Source:	EDF	Other Name:	W-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-3		

W128
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000021723**

Well ID:	SL720561211-RA-25	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-25		

W129
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000090548**

Well ID:	SL720561211-A-18	Well Type:	MONITORING
Source:	EDF	Other Name:	A-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-18		

AA130
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135549**

Well ID:	SL720561211-RA-06	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-06		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X131
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000057259**

Well ID:	SL720561211-O-140	Well Type:	MONITORING
Source:	EDF	Other Name:	O-140
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-140&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-140		

X132
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073522**

Well ID:	SL720561211-RA-27	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-27		

AB133
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000099306**

Well ID:	SL720561211-A-17	Well Type:	MONITORING
Source:	EDF	Other Name:	A-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-17		

X134
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102394**

Well ID:	SL720561211-B-35	Well Type:	MONITORING
Source:	EDF	Other Name:	B-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-35		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X135
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140563**

Well ID:	SL720561211-O-138	Well Type:	MONITORING
Source:	EDF	Other Name:	O-138
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-138&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-138		

136
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000020569**

Well ID:	08S01E13K001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S01E13K001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S01E13K001M&store_num=		
GeoTracker Data:	Not Reported		

AA137
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000016119**

Well ID:	SL720561211-RA-10	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-10		

AB138
NNE
1/2 - 1 Mile
Higher

CA WELLS **19813**

Seq:	19813	Prim sta c:	4300791-004
Frds no:	4300791004	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 05	Station ty:	WELL/AMBNT
Latitude:	371455.0	Longitude:	1214733.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		

Sample date:	28-MAR-17	Finding:	1.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-MAR-17	Finding:	3.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	28-MAR-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	02-FEB-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	02-FEB-16	Finding:	2.8
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		

Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.307
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.232
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	28-JAN-15	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	17-JUL-14	Finding:	2.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	08-APR-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	1900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

AB139
NNE
1/2 - 1 Mile
Higher

CA WELLS 19812

Seq:	19812	Prim sta c:	4300791-003
Frds no:	4300791003	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT
Latitude:	371455.0	Longitude:	1214733.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	07-FEB-18	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAR-17	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAR-17	Finding:	3.

Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-FEB-16	Finding:	0.391
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.156
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.384
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	2.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-FEB-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	2100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Map ID
Direction
Distance
Elevation

Database: CA WELLS
EDR ID Number: 8577

AB140
NNE
1/2 - 1 Mile
Higher

Seq:	8577	Prim sta c:	08S/02E-07K02 M
Frds no:	4300791001	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	371455.0	Longitude:	1214733.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		

Sample date:	30-MAR-17	Finding:	1.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-MAR-17	Finding:	2.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	1.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	3.6
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		

Sample date:	02-FEB-16	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	02-FEB-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	02-FEB-16	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	0.351
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.328
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	3.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-FEB-13	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-FEB-13	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-FEB-12	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

AB141
NNE
1/2 - 1 Mile
Higher

CA WELLS 19814

Seq:	19814	Prim sta c:	4300791-006
Frds no:	4300791006	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 06	Station ty:	WELL/AMBNT
Latitude:	371455.0	Longitude:	1214733.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	27-FEB-18	Finding:	1.6

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAR-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.156
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.315
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.558
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	2.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-APR-14	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	06-FEB-13	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	06-FEB-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-FEB-13	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-13	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-FEB-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Y142
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000004674**

Well ID:	SL720561211-RA-30	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-30		

AB143
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055407**

Well ID:	SL720561211-A-01	Well Type:	MONITORING
Source:	EDF	Other Name:	A-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-01		

AC144
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082185**

Well ID:	SL720561211-A-41	Well Type:	MONITORING
Source:	EDF	Other Name:	A-41
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-41&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-41		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC145
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097937**

Well ID:	SL720561211-O-25	Well Type:	MONITORING
Source:	EDF	Other Name:	O-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-25		

AD146
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000132536**

Well ID:	SL720561211-A-39	Well Type:	MONITORING
Source:	EDF	Other Name:	A-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-39		

AE147
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037315**

Well ID:	SL720561211-A-25	Well Type:	MONITORING
Source:	EDF	Other Name:	A-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-25		

AA148
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000085859**

Well ID:	SL720561211-B-13	Well Type:	MONITORING
Source:	EDF	Other Name:	B-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AE149
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035760**

Well ID:	SL720561211-B-48	Well Type:	MONITORING
Source:	EDF	Other Name:	B-48
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-48&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-48		

AE150
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061275**

Well ID:	SL720561211-C-22	Well Type:	MONITORING
Source:	EDF	Other Name:	C-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-22		

AD151
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095215**

Well ID:	SL720561211-RA-24	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-24		

AA152
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000118865**

Well ID:	SL720561211-RA-04	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-04		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB153
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121886**

Well ID:	SL720561211-A-22	Well Type:	MONITORING
Source:	EDF	Other Name:	A-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-22		

AB154
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000076134**

Well ID:	SL720561211-RA-22	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-22		

AA155
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095217**

Well ID:	SL720561211-A-20	Well Type:	MONITORING
Source:	EDF	Other Name:	A-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-20		

AF156
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108527**

Well ID:	SL720561211-RA-29	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-29		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB157
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087412**

Well ID:	SL720561211-A-71	Well Type:	MONITORING
Source:	EDF	Other Name:	A-71
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-71&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-71		

AG158
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000020868**

Well ID:	4310022-019	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 20	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-019&store_num=		
GeoTracker Data:	Not Reported		

AB159
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047085**

Well ID:	SL720561211-A-32	Well Type:	MONITORING
Source:	EDF	Other Name:	A-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-32		

AB160
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005514**

Well ID:	SL720561211-A-72	Well Type:	MONITORING
Source:	EDF	Other Name:	A-72
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-72&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-72		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB161
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000075767**

Well ID:	SL720561211-A-28	Well Type:	MONITORING
Source:	EDF	Other Name:	A-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-28		

AH162
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074374**

Well ID:	SL720561211-BR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	BR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=BR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=BR-2		

AG163
West
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000621**

Well ID:	101005	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	4310022-019	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.000417487
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Helium-3/Helium-4	Results:	.00000144924
Units:	atom ratio	Date:	02/06/2002
Chemical:	Helium-4	Results:	.0000000997899
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Xenon	Results:	.00000000678579
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Neon	Results:	.000000371731
Units:	cm3STP/g	Date:	02/06/2002

Chemical:	Krypton	Results:	.0000000800567
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Tritium (Hydrogen 3)	Results:	13.5
Units:	pCi/L	Date:	04/24/2002

164
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009048**

Well ID:	SL720561211-01-B	Well Type:	MONITORING
Source:	EDF	Other Name:	01-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=01-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=01-B		

AI165
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000045983**

Well ID:	SL720561211-B-04	Well Type:	MONITORING
Source:	EDF	Other Name:	B-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-04		

AD166
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096334**

Well ID:	SL720561211-A-204	Well Type:	MONITORING
Source:	EDF	Other Name:	A-204
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-204&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-204		

AF167
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022575**

Well ID:	SL720561211-RA-02	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-02
GAMA PFAS Testing:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-02&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-02

AH168
NE
1/2 - 1 Mile
Higher

CA WELLS **19815**

Seq:	19815	Prim sta c:	4300791-007
Frds no:	4300791007	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 08 - STANDBY	Station ty:	WELL/AMBNT
Latitude:	371447.0	Longitude:	1214716.0
Precision:	4	Status:	SR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		

Sample date:	07-FEB-18	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-FEB-18	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-MAR-17	Finding:	1.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-MAR-17	Finding:	6.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	28-MAR-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	2.4
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	95.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.38
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.334
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-JAN-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-APR-14	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-FEB-13	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	97.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

AH169
NE
1/2 - 1 Mile
Higher

CA WELLS 8578

Seq:	8578	Prim sta c:	08S/02E-07R05 M
Frds no:	4300791002	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 07 - STANDBY	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	371447.0	Longitude:	1214716.0
Precision:	4	Status:	SR
Comment 1:	Not Reported	Comment 2:	Not Reported

Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	27-FEB-18	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	5.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAR-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.426
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	16.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	0.38
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.334
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.344
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JAN-15	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-APR-14	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	7.5
Chemical:	LEAD	Report units:	UG/L
Dlr:	5.		
Sample date:	05-FEB-13	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	1300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

AI170
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067011**

Well ID:	SL720561211-C-02	Well Type:	MONITORING
Source:	EDF	Other Name:	C-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD171
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000141184**

Well ID:	SL720561211-B-06	Well Type:	MONITORING
Source:	EDF	Other Name:	B-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-06		

AH172
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040829**

Well ID:	SL720561211-BR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	BR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=BR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=BR-1		

173
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077163**

Well ID:	SL720561211-A-54	Well Type:	MONITORING
Source:	EDF	Other Name:	A-54
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-54&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-54		

AJ174
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000011812**

Well ID:	08S02E07L002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S02E07L002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E07L002M&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AK175
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033575**

Well ID:	SL720561211-O-12	Well Type:	MONITORING
Source:	EDF	Other Name:	O-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-12		

176
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096171**

Well ID:	SL720561211-A-09	Well Type:	MONITORING
Source:	EDF	Other Name:	A-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-09		

AD177
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037548**

Well ID:	SL720561211-A-38	Well Type:	MONITORING
Source:	EDF	Other Name:	A-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-38		

AH178
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106433**

Well ID:	SL720561211-NBOYCE	Well Type:	MONITORING
Source:	EDF	Other Name:	NBOYCE
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=NBOYCE&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=NBOYCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AK179
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068475**

Well ID:	SL720561211-O-34	Well Type:	MONITORING
Source:	EDF	Other Name:	O-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-34		

AH180
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092154**

Well ID:	SL720561211-A-55	Well Type:	MONITORING
Source:	EDF	Other Name:	A-55
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-55&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-55		

AH181
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093726**

Well ID:	SL720561211-W-7	Well Type:	MONITORING
Source:	EDF	Other Name:	W-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-7		

AH182
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000004549**

Well ID:	4300791-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 07	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-002&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ183
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070799**

Well ID:	SL720561211-B-33	Well Type:	MONITORING
Source:	EDF	Other Name:	B-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-33		

AL184
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114257**

Well ID:	SL720561211-OP-10	Well Type:	MONITORING
Source:	EDF	Other Name:	OP-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=OP-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=OP-10		

185
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042490**

Well ID:	SL720561211-C-09	Well Type:	MONITORING
Source:	EDF	Other Name:	C-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-09		

AL186
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130979**

Well ID:	SL720561211-ORB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	ORB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=ORB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=ORB-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AM187
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063423**

Well ID:	SL720561211-W-8	Well Type:	MONITORING
Source:	EDF	Other Name:	W-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-8		

AM188
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016253**

Well ID:	4300791-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 06	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-006&store_num=		
GeoTracker Data:	Not Reported		

AM189
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000002574**

Well ID:	4300791-007	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-007&store_num=		
GeoTracker Data:	Not Reported		

AN190
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105611**

Well ID:	SL720561211-RA-05	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AM191
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072349**

Well ID:	SL720561211-A-56	Well Type:	MONITORING
Source:	EDF	Other Name:	A-56
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-56&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-56		

AL192
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048008**

Well ID:	SL720561211-OP-11	Well Type:	MONITORING
Source:	EDF	Other Name:	OP-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=OP-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=OP-11		

AN193
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131624**

Well ID:	SL720561211-A-07	Well Type:	MONITORING
Source:	EDF	Other Name:	A-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-07		

AN194
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031336**

Well ID:	SL720561211-B-16	Well Type:	MONITORING
Source:	EDF	Other Name:	B-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-16		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ195
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000031337**

Well ID:	SL720561211-A-223	Well Type:	MONITORING
Source:	EDF	Other Name:	A-223
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-223&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-223		

AJ196
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052795**

Well ID:	SL720561211-A-10	Well Type:	MONITORING
Source:	EDF	Other Name:	A-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-10		

AO197
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101305**

Well ID:	SL720561211-A-222	Well Type:	MONITORING
Source:	EDF	Other Name:	A-222
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-222&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-222		

AO198
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000088793**

Well ID:	SL720561211-A-30	Well Type:	MONITORING
Source:	EDF	Other Name:	A-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-30		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AO199
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000117746**

Well ID:	SL720561211-A-221	Well Type:	MONITORING
Source:	EDF	Other Name:	A-221
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-221&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-221		

AP200
NW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000013435**

Well ID:	4310022-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 BANGER	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-002&store_num=		
GeoTracker Data:	Not Reported		

AQ201
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036524**

Well ID:	SL720561211-02-B	Well Type:	MONITORING
Source:	EDF	Other Name:	02-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=02-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=02-B		

AQ202
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052862**

Well ID:	SL720561211-02-A	Well Type:	MONITORING
Source:	EDF	Other Name:	02-A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=02-A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=02-A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AN203
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000010577**

Well ID:	SL720561211-TANK-1	Well Type:	MONITORING
Source:	EDF	Other Name:	TANK-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=TANK-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=TANK-1		

AQ204
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106291**

Well ID:	SL720561211-02-C	Well Type:	MONITORING
Source:	EDF	Other Name:	02-C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=02-C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=02-C		

AP205
NW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00019034**

Well ID:	USGS-371451121484701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-371451121484701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-371451121484701&store_num=		
GeoTracker Data:	Not Reported		

AP206
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000181742**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	008S001E12P001M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590807	Well Depth:	366
Well Depth Units:	ft	Well Hole Depth:	457
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AP207
NW
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000001409**

Well ID:	100917	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/01E-12P01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Argon	Results:	.00044534
Units:	cm3STP/g	Date:	11/16/2001
Chemical:	Helium-3/Helium-4	Results:	.00000146885
Units:	atom ratio	Date:	11/16/2001
Chemical:	Helium-4	Results:	.00000010549
Units:	cm3STP/g	Date:	11/16/2001
Chemical:	Neon	Results:	.000000388213
Units:	cm3STP/g	Date:	11/16/2001
Chemical:	Tritium (Hydrogen 3)	Results:	14.22
Units:	pCi/L	Date:	11/30/2001

208
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000016539**

Well ID:	08S02E17N010M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S02E17N010M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E17N010M&store_num=		
GeoTracker Data:	Not Reported		

209
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000011940**

Well ID:	SL720561211-18-B	Well Type:	MONITORING
Source:	EDF	Other Name:	18-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=18-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=18-B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR210
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131274**

Well ID:	SL720561211-ORA-5	Well Type:	MONITORING
Source:	EDF	Other Name:	ORA-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=ORA-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=ORA-5		

AR211
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101547**

Well ID:	SL720561211-12-A	Well Type:	MONITORING
Source:	EDF	Other Name:	12-A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=12-A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=12-A		

AR212
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022673**

Well ID:	SL720561211-RA-13	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-13		

AR213
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000085251**

Well ID:	SL720561211-RA-31	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-31		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR214
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000050464**

Well ID:	SL720561211-RA-32	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-32		

AS215
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114641**

Well ID:	T0608500348-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500348&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500348&assigned_name=MW-3		

AR216
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000141898**

Well ID:	SL720561211-ORA-4	Well Type:	MONITORING
Source:	EDF	Other Name:	ORA-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=ORA-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=ORA-4		

AR217
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033044**

Well ID:	SL720561211-A-31	Well Type:	MONITORING
Source:	EDF	Other Name:	A-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-31		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AS218
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000039613**

Well ID:	T0608500348-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500348&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500348&assigned_name=MW-1		

219
ESE
1/2 - 1 Mile
Higher

CA WELLS **8591**

Seq:	8591	Prim sta c:	08S/02E-18K10 M
Frds no:	4310022004	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 04 SANTA TERESA	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214700.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		

Sample date:	30-AUG-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-AUG-17	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	22-AUG-16	Finding:	2.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	22-AUG-16	Finding:	0.85
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	380.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	82.

Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	22-AUG-16	Finding:	170.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	22-AUG-16	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-AUG-16	Finding:	44.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-AUG-16	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	33.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	650.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-AUG-16	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-SEP-15	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-AUG-14	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	370.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	0.86
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	0.32
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	1400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-SEP-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	04-SEP-13	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	34.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	290.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-AUG-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

AS220
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092220**

Well ID:	T0608500348-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500348&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500348&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95119	2	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SANTA CLARA COUNTY, CA

Number of sites tested: 70

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.363 pCi/L	91%	9%	0%
Living Area - 2nd Floor	2.100 pCi/L	100%	0%	0%
Basement	2.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

SITE RECONNAISANCE PHOTOGRAPHS AND CHECKLIST

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Date	Photo No.
01/19/2024	1

Direction Photo Taken:

Facing northeast

Description:

Compressed gas cylinder storage area adjacent to hospital loading dock area.

Date	Photo No.
01/19/2024	2

Direction Photo Taken:

Facing northeast

Description:

Compressed gas cylinder storage area adjacent to hospital loading dock area.

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Date	Photo No.
01/19/2024	3

Direction Photo Taken:

Facing northeast

Description:

Typical hospital hallway.

Date	Photo No.
01/19/2024	4

Direction Photo Taken:

Facing north

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Description:

Typical oxygen cylinder storage area.

Date	Photo No.
01/19/2024	5

Direction Photo Taken:

Facing southwest

Description:

Typical hazardous waste storage in second floor laboratory.

LANGAN	Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Date	Photo No.
01/19/2024	6

Direction Photo Taken:

Facing south

Description:

Typical biohazard storage in second floor laboratory.

Date	Photo No.
01/19/2024	7

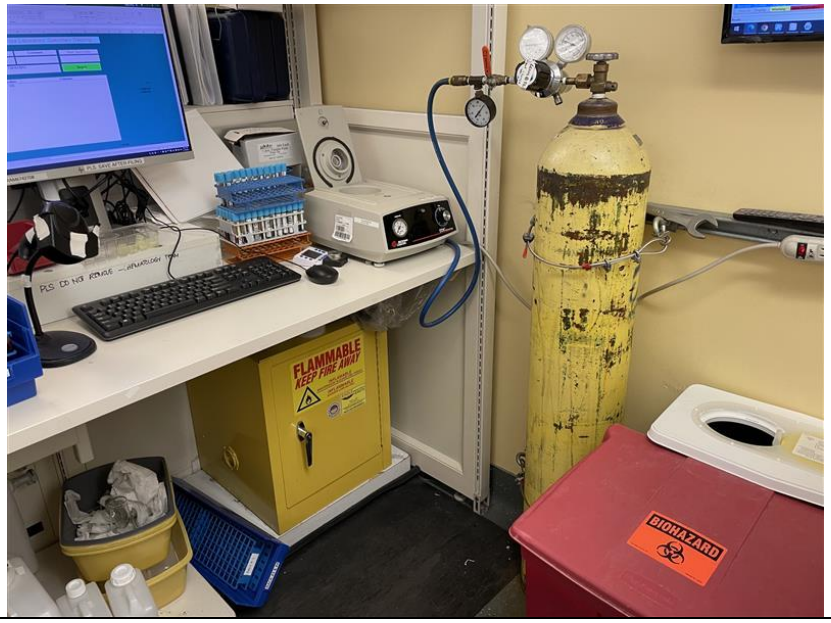
Direction Photo Taken:

Facing south

LANGAN	Site Reconnaissance Photographs	
Client Name: Kaiser Foundation Health Plan, Inc.	**Subject Property Location:** San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	**Project No.** 750677301

Description:

Typical flammable and compressed gas storage in second floor laboratory.



Date	Photo No.
01/19/2024	8

Direction Photo Taken:

Facing west

Description:

Typical flammable material storage on seventh floor.

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

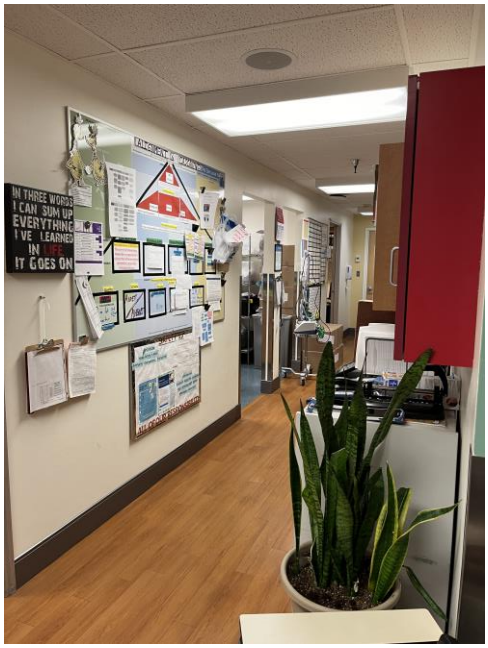
Date	Photo No.
01/19/2024	9

Direction Photo Taken:

Facing east

Description:

Typical hospital work area.



Date	Photo No.
01/19/2024	10

Direction Photo Taken:

Facing north

Description:

Typical radioactive materials work area.

LANGAN	Site Reconnaissance Photographs	
Client Name: Kaiser Foundation Health Plan, Inc.	**Subject Property Location:** San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	**Project No.** 750677301

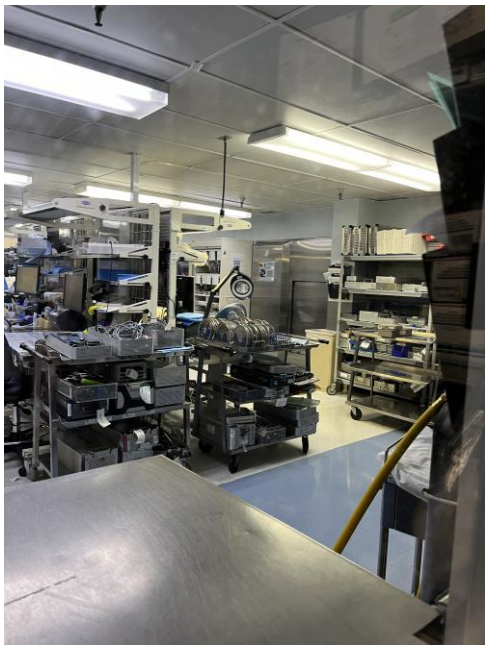
Date	**Photo No.**
01/19/2024	11

Direction Photo Taken:

Facing west

Description:

Typical equipment sterilization area.



Date	**Photo No.**
01/19/2024	12

Direction Photo Taken:

LANGAN	Site Reconnaissance Photographs	
Client Name: Kaiser Foundation Health Plan, Inc.	**Subject Property Location:** San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	**Project No.** 750677301

Description:

Typical salt used in boiler room.

Date	Photo No.
01/19/2024	13

Direction Photo Taken:

Facing south

Description:

Typical boilers.

LANGAN		Site Reconnaissance Photographs
Client Name: Kaiser Foundation Health Plan, Inc.	**Subject Property Location:** San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	**Project No.** 750677301

Date	**Photo No.**
01/19/2024	14

Direction Photo Taken:

Facing north

Description:

Typical lined vessels for water softening.

Date	**Photo No.**
01/19/2024	15

Direction Photo Taken:

Facing south

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Description:

Boiler room control panel.

Date	Photo No.
01/19/2024	16

Direction Photo Taken:

Facing southwest

Description:

Generator enclosure area.

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Date	Photo No.
01/19/2024	17

Direction Photo Taken:

Facing west

Description:

Typical generator.

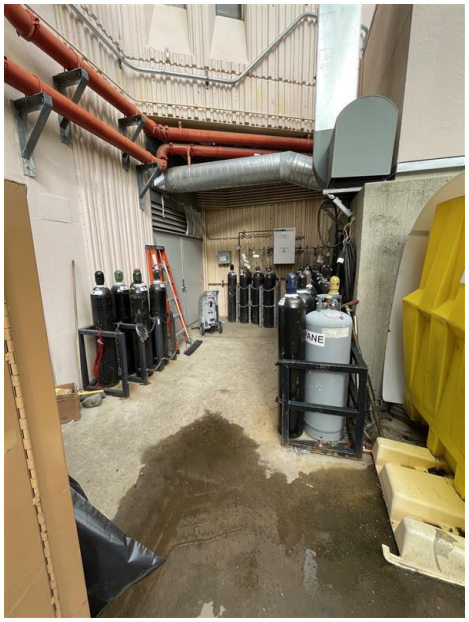
Date	Photo No.
01/19/2024	18

Direction Photo Taken:

Facing west

Description:

Compressed gas cylinder storage area outside of boiler room.



LANGAN	Site Reconnaissance Photographs	
Client Name: Kaiser Foundation Health Plan, Inc.	**Subject Property Location:** San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	**Project No.** 750677301

Date	**Photo No.**
01/19/2024	19

Direction Photo Taken:

Facing southwest

Description:

Typical transformers.

Date	**Photo No.**
01/19/2024	20

Direction Photo Taken:

Facing east

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Description:

Typical transformers in parking lot area.

Date	Photo No.
01/19/2024	21

Direction Photo Taken:

Facing south

Description:

Typical parking lot.

LANGAN	Site Reconnaissance Photographs	
Client Name: Kaiser Foundation Health Plan, Inc.	**Subject Property Location:** San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	**Project No.** 750677301

Date	**Photo No.**
01/19/2024	22

Direction Photo Taken:

Facing south

Description:

Property adjoining parking lot across international circle.

Date	**Photo No.**
01/19/2024	23

Direction Photo Taken:

Facing northeast

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	San Jose Campus Master Planning Kaiser Permanente Medical Center San Jose	750677301

Description:

Typical utilities in parking lot.

Date	Photo No.
01/19/2024	24

Direction Photo Taken:

Facing southwest

Description:

Conex box staging area in parking lot.

LANGAN

PHASE I ESA SITE RECONNAISSANCE CHECKLIST

GENERAL INFORMATION
Langan personnel: Peter J. Cusack, Dulce M Rodriguez Rivera
Date of site reconnaissance: 1/19/2024
Business name / subject property occupant: Kaiser Permanente Medical Center San Jose
Full subject property address: 250 Hospital Parkway, San Jose, California 95119
Project Number: 750677301
Weather conditions: Cloudy

Features, Activities, Uses, and Conditions	Identified/Observed?				Report Section(s)
General Subject Property Setting	**Yes**		**No**		
Current use(s) of the subject property	☒		☐		2.0
Past use(s) of the subject property	☐		☒		3.1
Current use(s) of adjoining properties	☒		☐		4.1
Past use(s) of adjoining properties	☐		☒		4.2
Current or past uses in the surrounding area	☒		☐		4.1 and 4.2
Geologic, hydrogeologic, hydrologic, and topographic conditions	☒		☐		2.2
Structures and other improvements at the subject property	☒		☐		2.3
Roads	☒		☐		2.3
Potable water supply/source for the subject property	☒		☐		2.4
Sewage disposal system for the subject property	☒		☐		2.4
Interior/Exterior Features	**At Interior?**		**At Exterior?**		**Report Section(s) (if yes)**
	Yes	**No**	**Yes**	**No**	
Hazardous substances and petroleum products in connection with identified uses	☐	☒	☐	☒	N/A
Storage tanks	☐	☒	☒	☐	N/A
Strong, pungent, or noxious odors and their sources	☐	☒	☐	☒	N/A
Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products	☐	☒	☐	☒	N/A
Drums, totes, and intermediate bulk containers	☐	☒	☐	☒	N/A
Hazardous substance and petroleum product containers not in connection with identified uses	☐	☒	☐	☒	N/A
Unidentified substance containers	☐	☒	☐	☒	N/A
PCB-containing items	☐	☒	☐	☒	N/A
Heating/cooling	☐	☒	☐	☒	N/A
Stains or corrosion on floors, walls, or ceilings	☐	☒	☐	☒	N/A
Drains and sumps	☐	☒	☒	☐	2.8
Pits, ponds, or lagoons	☐	☒	☐	☒	N/A
Stained soil or pavement	☐	☒	☐	☒	N/A
Stressed vegetation	☐	☒	☐	☒	N/A
Solid waste	☐	☒	☐	☒	N/A
Water/wastewater	☐	☒	☐	☒	N/A
Wells	☐	☒	☐	☒	N/A
Septic systems or cesspools	☐	☒	☐	☒	N/A

APPENDIX D

RESUMES OF ENVIRONMENTAL PROFESSIONALS

SARAH MIDDLETON

SENIOR STAFF GEOLOGIST

ENVIRONMENTAL ENGINEERING

Ms. Middleton has four years of experience in the environmental geology field. Her previous experience includes project task management, performing stormwater sampling to ensure the release of environmentally safe water to public water systems, coordination and conducting quarterly groundwater monitoring and sampling in response to hazardous material spills, and providing oversight of subcontractor activities such as well installations, well destructions, and soil excavations. She also has experience utilizing Grapher Software to analyze data trends and groundwater fluctuations recorded from transducers. Currently, she works to assist with completing technical Phase I & Phase II Environmental Site Assessments (ESAs), works plans, site investigation reports, site mitigation and soil management plans, and groundwater monitoring plans and reports.

EDUCATION

B.S., Geology
California State University, Chico

CERTIFICATIONS

OSHA 40-hour
HAZWOPER Certification

SELECTED PROJECTS

- Century Center Dry Cleaners, Remediation Implementation, Modesto, CA
- Century Center Dry Cleaners, Indoor Air and Sub-slab Soil Vapor sampling, Modesto, CA
- Sleep Train Arena, Phase I ESA, Sacramento, CA
- 2055 N. Airport Way, Phase I ESA, Sacramento, CA
- 42021 Osgood Road, Phase I ESA, Fremont, CA
- 1023 Mission Street, Site Mitigation Plan, San Francisco, CA
- 1353 Yosemite Avenue, Soil Management Plan, San Francisco, CA
- 1389 Moffett Park Drive, Phase II ESA, Sunnyvale, CA
- 7th & Campbell, Phase I ESA, Oakland, CA
- Eastern West Research Project, Phase I ESA, MMP, Rancho Cordova, CA
- Pointe Grand, Phase I ESA, San Francisco, CA

PETER CUSACK

ASSOCIATE PRINCIPAL / VICE PRESIDENT

ENVIRONMENTAL ENGINEERING

Mr. Cusack has 30 years of experience managing and implementing hazardous waste characterization and remediation projects. His experience includes pre-acquisition site assessments, site investigations, removal of underground storage tanks, Phase II investigations, soil and groundwater sampling and remediation, development of soil management plans, aquifer pumping tests, contractor oversight, and field inspection for numerous construction projects and preparation of site closure reports. His work is often done in coordination with our geotechnical practice. He has extensive experience in site investigations and regulatory agency interaction prior to and during new construction/development.

EDUCATION

Bachelor of Technology, Civil Engineering
Rochester Institute of Technology

PROFESSIONAL REGISTRATION

Registered Environmental Assessor

40-Hour Hazardous Waste Operations and Emergency Response Standard (HAZWOPER)

C4 HAZWOPER Supervisor

First Aid and CPR

Contractor State License #979216, Class A, HAZ

AFFILIATIONS

National Ground Water Association,

1992- Present

SELECTED PROJECTS

- Environmental Site Assessments, Numerous Throughout the Bay Area
- Soil and Groundwater Site Investigations, Over 175 Throughout the Bay Area

Academic

- National Center for International Schools, San Francisco, CA
- UCSF Mission Bay Campus, San Francisco, CA
- University of San Francisco, Malloy Hall, San Francisco, CA
- Campus Community Center, Building 21B, Mission Bay, San Francisco, CA
- Hastings College of Law Property, San Francisco, CA
- San Jose Evergreen Community College District, South Campus Development & Automotive Tech Building, San Jose, CA (Project Manager)
- Tenderloin Elementary School, San Francisco, CA

Affordable Housing

- 2060 Folsom Street, Chinatown Community Development Center (CCDC) & Mission Economic Development Agency (MEDA), San Francisco, CA
- Firehouse Square, MidPen Housing Corp, Belmont, CA
- Brooklyn Basin Parcels A and F, MidPen Housing Corp, Oakland, CA
- Downtown San Mateo Parcels, MidPen Housing Corp, San Mateo, CA
- 1178 Sonora Court, MidPen Housing Corp, Sunnyvale, CA
- 707 Bradford Street, MidPen Housing Corp, San Mateo, CA
- 9th and Jessie Street, Multi-Family Residential, San Francisco, CA
- Hotel Essex, 684 Ellis Street, Mercy Housing, San Francisco, CA
- Natalie Gubb Commons, Transbay Block 7 | Mercy Housing, San Francisco, CA
- Mission Bay Block 6 West | Mercy Housing, San Francisco, CA
- 1064 Mission | Mercy Housing, San Francisco, CA
- 600 7th Street | Mercy Housing, San Francisco, CA
- Casa de la Mission | Mercy Housing, San Francisco, CA

- Bill Sorro Community, 200 Sixth Street | Mercy Housing, San Francisco, CA
- 10th & Mission Family Housing | Mercy Housing, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 1180 Fourth Street | Mercy Housing, San Francisco, CA
- 1300 Roosevelt Avenue (Hacienda Project) | Mercy Housing, Richmond, CA
- 165 Eighth Street | Mercy Housing, San Francisco, CA
- 201 Turk Street, Affordable Multi-Family Residential, San Francisco, CA
- 6730 Mission | Mercy Housing, Daly City, CA
- 99 School Street | Mercy Housing, Daly City, CA
- Civic Center Residence | TNDC, 44 McAllister Street, San Francisco, CA
- Edith Witt Senior Community, Ninth & Mission | Mercy Housing, San Francisco, CA
- Episcopal Community Services (ECS) of San Francisco, 165 8th Street, San Francisco, CA
- Kelly Cullen Community, 220 Golden Gate Avenue | TNDC, San Francisco, CA
- Mid-Peninsula Housing, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Mateo, CA
- Openhouse (formerly Richardson Hall), 55 Laguna | Mercy Housing, San Francisco, CA
- Parkview Terraces, Parcel A, Mixed-Use Affordable Housing, San Francisco, CA
- Richardson Hall, 55 Laguna | Mercy Housing, San Francisco, CA
- Saint Anthony Foundation, 121 Golden Gate Avenue | Mercy Housing, San Francisco, CA
- Hotel Essex, 684 Ellis Street | Mercy Housing, San Francisco, CA

Multi-Family Residential

- Midway Village Multi-Family, Daly City, CA
- 5M Development, San Francisco, CA
- Brannan Square, 200 Brannan Street, Multi-Family Residential (New Building and Renovation of a Warehouse), San Francisco, CA
- 2090 South Delaware Street Apartments, San Mateo, CA
- 2121 Third Street, Multi-Family Residential, San Francisco, CA
- 2175 Market Street, Multi-Family Residential, San Francisco, CA
- 300 Spear Street, Multi-Family Residential, San Francisco, CA
- 333 First Street, Multi-Family Residential, San Francisco, CA
- 41 Tehama, Multi-Family Residential High-Rise with 5-Level Underground Parking, San Francisco, CA
- 4606 Almaden Expressway, Multi-Family Residential, San Jose, CA
- 750 Second Street, Multi-Family Residential, San Francisco, CA
- Boynton Place, 970 Boynton Avenue, San Jose, CA
- Lumina, 201 Folsom Street, Multi-Family Residential, San Francisco, CA
- One South Market Street, Multi-Family Residential, San Jose, CA
- Parcel N4AP1, Mission Bay, Multi-Family Residential, San Francisco, CA
- Parcels N3AP2 & N3P2, Mission Bay, San Francisco, CA
- Portside North Residential High-Rise, San Francisco, CA
- Post Street Tower, Downtown Apartments, San Jose, CA

- Radiance at Mission Bay (Buildings 10 and 10A), Multi-Family Residential, Mission Bay, San Francisco, CA
- Silvery Towers, San Jose, CA
- The Metropolitan Condominiums, 333 First Street, San Francisco, CA
- Transbay Block 8, Luxury Residential Tower, San Francisco, CA
- Tasman East Developments, Parcels 57 and 61-64, Santa Clara, CA
- 375 Knowles Drive, Los Gatos, CA
- SJSC Towers, Multi-Family Residential, San Jose, CA
- 411-541 Middlefield Road, Redwood City, CA

Mixed Use

- Oceanwide Center, Office High-Rise and Residential High-Rise, San Francisco, CA
- Bascom Creekside, Mixed-Use Development, Campbell, CA
- Modera San Pedro Square, Infill Mixed-Use Development, San Jose, CA
- Modera The Alameda, Community Development (Residential/Retail), San Jose, CA
- Transbay Block 6, Mixed-Use Residential/Retail High-Rise, San Francisco, CA

Hotel & Retail

- International Hotel Site, San Francisco, CA
- 1165 East Arques Avenue, Fitness Center, Sunnyvale, CA
- Potrero Center, Large Shopping Development, San Francisco, CA
- The Oaks Shopping Center, 21255 Stevens Creek Boulevard, Cupertino, CA

Stadiums and Arenas

- San Jose Earthquakes Stadium, San Jose, CA

Transportation

- New Transbay Transit Center, San Francisco, CA
- Temporary Transbay Terminal, San Francisco, CA
- Coast Guard Island Bridge, Alameda, CA
- Islais Creek RR Bridge, San Francisco, CA
- Lambert Bridge, Healdsburg, CA
- Illinois Street Bridge, San Francisco, CA,

Office

- Intuit Campus Center, Mountain View, CA
- Intuit Marine Way, Mountain View, CA
- Genetics and Developmental Science Building, Building 19B, Phases I & II ESAs, Soil Management Plan, and Closure Report, Mission Bay, San Francisco, CA
- Salesforce Tower, San Francisco, CA
- 535 Mission Street, Office High-Rise, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 555 Mission Street, Office High-Rise, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 575 Middlefield Road, Mountain View, CA
- 5812 Hollis Street, Phases I & II ESAs, Soil Management Plan, and Closure Report, Emeryville, CA

Parks and Recreation
- Hilltop Park Renovation, San Francisco, CA
- Sharp Park, San Francisco Recreation Department, Pacifica, CA

Healthcare
- Kaiser Center, Oakland, CA
- Kaiser Mission Bay, San Francisco, CA
- VA Palo Alto, Palo Alto, CA

Data Centers, Manufacturing and Warehouses
- Monarch Mirror Manufacturing Facility, Vallejo, CA
- Buena Park Distribution Facility, Buena Park, CA
- Equinox Data Center, SV10 and SV-11, San Jose, CA
- La Habra Distribution Facility, La Habra, CA
- The Stanley Works, Groundwater Remediation, Pittsburg, CA

Parking Garages
- Hearst Garage, San Francisco, CA
- Genentech Parking Structures, South San Francisco, CA
- Mission Bay Parking Garage, San Francisco, CA
- Parking Garage, Building 21A, Mission Bay, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- San Francisco Airport Parking Garage, South San Francisco, CA
- Vallejo Station Parking Garage, Soil Management Plan and Construction Oversight, Vallejo, CA
- VTA Parking Structure – Berryessa, San Jose, CA
- VTA Parking Structure – Milpitas, Milpitas, CA

Government
- City of San Pablo, Phase I and II ESAs, San Pablo, CA
- Santa Clara County Family Courthouse, 170 Park Avenue, San Jose, CA

Miscellaneous

San Jose Bus Station (Formerly Greyhound), 60 Almaden Avenue, San Jose, CA

Appendix G2

Phase I Environmental Site Assessment (Construction Trailer Area)

ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT
6120 Liska Lane
San Jose, California

Prepared for:

Kaiser Foundation Health Plan, Inc.
284 Hospital Parkway, Building K
San Jose, California 94119

Prepared by:

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Senior Staff Engineer

Peter Cusack
Associate Principal/VP

Report Date: **29 January 2024**
180-Day Viability Date: **4 July 2024**
750677301

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
6120 Liska Lane
San Jose, California

EXECUTIVE SUMMARY

Langan CA, Inc. (Langan) completed a Phase I Environmental Site Assessment (ESA) for the property located at 6120 Liska Lane in San Jose (the "subject property") under the written authorization of Kaiser Foundation Health Plan, Inc. (Kaiser, "Client" and the "user"). The Phase I ESA was completed following the guidelines of ASTM International Standard Practice E1527-21 (ASTM E1527-21), the United States Environmental Protection Agency's (US EPA) All Appropriate Inquiries (AAI) Rule, and industry standard practice. The user requested this ESA as part of their environmental due diligence related to the subject property.

Subject Property Layout

The subject property is a portion of the 3.96 acres site. The subject property is a vacant land on the northern half of the property.

Subject Property Current Use

The subject property is currently occupied by Bright Horizons, a childcare and early education business.

Subject Property History

The subject property was in use as agricultural land by the 1930s. Development of the subject property began in the 1980s and the existing buildings were constructed in the 1990s. The subject property has operated as a child development center since at least 1996, originally by Prodigy Child Development and later as Bright Horizons since at least 2000.

Adjoining Properties and Surrounding Area

The adjoining and surrounding properties are depicted as agricultural land on aerial photographs between 1939 and 1974. Partial development of the current Kaiser Permanente Medical Center complex, to the west of the subject property, first appears in the 1974 aerial photograph. A roadway appears directly to the north of the subject property in the 1982 aerial photograph. In the 1998 aerial photograph, the previously identified road is no longer present, and Highway 85 appears for the first time. By 1998, it appears that the development of the Kaiser Permanente Medical complex to the west of the subject property is complete. Also, by 1998 the eastern and

southern areas around the subject property were redeveloped with the single and multi-family residential buildings. By 2006 development of the single and multi-family residencies began to the north of the subject property.

Conclusions

Langan completed a Phase I ESA of the subject property using the scope guidelines and inherent limitations of ASTM E1527-21. Table ES-1 presents the conclusions of the Phase I ESA.

Table ES-1 Conclusions, Findings and Opinions

ASTM E1527-21 Scope Items
Recognized Environmental Conditions (RECs)
Langan did not identify RECs.
Controlled Recognized Environmental Conditions (CRECs)
Langan did not identify CRECs.
Historical Recognized Environmental Conditions (HRECs)
Langan did not identify HRECs.
De Minimis Conditions
Langan did not identify De Minimis Conditions.
Significant Data Gaps
Langan did not identify Significant Data Gaps.

1.0 INTRODUCTION

Langan CA, Inc. (Langan) completed a Phase I Environmental Site Assessment (ESA) for a portion of the property located at 6120 Liska Lane in San Jose, California. (the "subject property") under the written authorization of Kaiser Foundation Health Plan, Inc. (Kaiser, the "Client" and the "user"). A Subject Property Location Map is provided in Appendix A (Figure 1).

The Phase I ESA was completed following the guidelines of ASTM International Standard Practice E1527-21 (ASTM E1527-21), the United States Environmental Protection Agency's (US EPA) All Appropriate Inquiries (AAI) Rule, and industry standard practice. The user requested this ESA as part of their environmental due diligence associated with a potential transaction involving the subject property.

1.1 Purpose

The purpose of this Phase I ESA is to identify recognized environmental conditions (REC) associated with the subject property. This purpose also includes identifying controlled recognized environmental conditions (CREC), historical recognized environmental conditions (HREC), de minimis conditions, and significant data gaps. The definitions of REC, CREC, HREC, de minimis condition and other select ASTM terms used in this report are in Section 8.

1.2 Scope of Services

Langan's scope of services consisted of the completion of a Phase I ESA following the guidelines of ASTM E1527-21. Langan's scope of services as it pertains to the elements of a Phase I ESA as specified in ASTM E1527-21 is described below.

Records Review and Local Government Interviews

Langan contracted a third-party provider to search environmental regulatory databases and provide historical records. The database search included select federal, state, local and tribal standard source environmental databases within the approximate search radii specified by ASTM E1527-21.

Langan submitted Freedom of Information Act (FOIA) requests to supplement environmental database listing information. The FOIA requests were submitted to the Santa Clara County Fire Department, City of San Jose Building Department, City of San Jose Environmental Services Department, City of San Jose Fire Administrative Department, and City of San Jose Public Works

Department. Online EnviroStor and GeoTracker databases, operated by the California Department of Toxic Substances Control (DTSC) and the State of California Water Resources Control Board (SWRCB), respectively, were searched as well as the United States Geological Survey (USGS) mapping and US EPA databases. Agency FOIA-requested information, where received, is discussed in relevant sections of this report, and referenced in Section 7.

Site Reconnaissance and Owner/Operator/Occupant Interviews

Langan completed the site reconnaissance on 19 January 2024. Ms. Brandi Vose of Bright Horizons Day Care ("key site manager" and Mr. Ross Bottarini of Rudolph & Sutton (R&S), contractor for the new Hospital accompanied Peter J. Cusack of Langan during the site reconnaissance.

Langan walked the periphery of the subject property, observed the subject property from adjoining public thoroughfares, and walked the subject property. Langan observed the adjoining properties and the surrounding area from the periphery of the subject property and from public thoroughfares adjoining to or traveled on to access the subject property. The weather at the time of the site reconnaissance was approximately 50's°F and overcast.

Langan interviewed Ms. Brandi Vose during the site reconnaissance on 19 January 2024.

Evaluation, Report and Parts Used in Concert

Langan evaluated the information obtained from the records reviews, site reconnaissance and interviews described above, and from the user as described in Section 1.3 in concert with each other. Langan's findings, opinions, and conclusions are discussed throughout this report. Significant assumptions, or deletions, deviations or exceptions to ASTM E1527-21 are noted in Section 1.4.

Non-ASTM Scope Services

The scope of services for the Phase I ESA did not include non-scope ASTM considerations, including per- and polyfluoroalkyl substances (PFAS).

1.3 User Responsibilities

Langan requested that the user provide the results of tasks the user is responsible for completing to satisfy the requirements of AAI. The tasks include: searching for known environmental liens and activity and use limitations (AULs) filed or recorded against the subject property, and provision of information related to specialized knowledge or experience of the user or the degree

of obviousness relative to conditions indicative of releases or threatened releases; actual knowledge of the user regarding environmental liens or AULs related to the subject property; specialized knowledge or experience of the user; reasons for significantly lower purchase prices, and commonly known or reasonably ascertainable information within the local community about the subject property. Langan also requested that the user state the reason the Phase I ESA was requested. A summary of the user's responses is provided in Appendix B and relevant information provided by the user is discussed in applicable sections of this report.

Unless specifically included in the scope of services, Langan did not complete a title search or a search for environmental liens or AULs, as that is the responsibility of the user. If the user requested that Langan complete such searches on the user's behalf, the information was supplied to Langan by a vendor, and to the vendor by government sources; therefore, neither Langan nor the vendor can verify the completeness or accuracy of the title search, or AUL searches.

1.4 Data Gaps

Data gaps, if encountered, are discussed throughout the report. Significant data gaps, if any, are summarized in Section 5.0.

2.0 SUBJECT PROPERTY DESCRIPTION AND CURRENT USE

The following sections describe the subject property location, ownership, physical setting, and current layout and operations.

2.1 Location, Legal Description, and Ownership

The subject property Is part of the approximately 3.96-acre property is described by the Santa Clara County Tax Assessor with Parcel ID 706-04-017. A legal description of the subject property is provided on the Title Report in Appendix B. The subject property is owned by Bright Horizon Children's Center, Inc.

2.2 Physical Setting

The physical setting that includes the geologic, hydrogeologic, hydrologic, and topographic characteristics of the subject property and surrounding area are discussed below.

Topography

The 2021 United States Geological Survey (USGS) 7.5-minute quadrangle topographic map for Santa Teresa Hills depicts the subject property at an elevation of approximately 195 feet above mean sea level (amsl) and is relatively flat. The regional topography is relatively flat, with a gentle slope downward toward the south and the Canoas Creek, which is located approximately 0.45 mile southwest of the subject property.

Geology

According to the U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) Soil Survey Geographic (SSURGO) data for soils at the subject property are comprised primarily of moderately well and well-drained soils with moderate infiltration rates.

Based on our review of subsurface information from previous geotechnical investigations near the subject property, we anticipate the subject property is likely underlain by interbedded layers of discontinuous clay, silt, and sand units in the upper 30 feet below ground surface.

Hydrogeology

Surface water bodies are not present within the boundary of the subject property. The nearest surface water body is the Canoas Creek to the southwest. Information regarding subject property-specific groundwater flow direction is unavailable. Groundwater flow can be influenced by several factors such as surface water bodies, wetlands, hydrogeologic and anthropogenic variables. However, based on topographic gradient and proximity to the Canoas Creek, it is expected that groundwater generally flows to the west.

A review of the Geocheck section of the LightBox Environmental Data Resources (EDR) Regulatory Database Report (Appendix C) and site reconnaissance observations no groundwater wells were identified on the subject property. The EDR report identified 18 groundwater wells within approximately 0.25-mile north of the subject property.

2.3 Subject Property Description

The subject property is part of the approximately 3.96 acres site. The subject property contains vacant land on the northern half of the property.

A Subject Property Layout Map is provided in Figure 2 of Appendix A. Photographs of the subject property and a checklist documenting Langan's observations relative to the features, activities, uses, and conditions outlined in Section 9.4 of ASTM E1527-21 are in Appendix D.

2.4 Current Subject Property Use

The site is currently occupied by Bright Horizons, a childcare and early education business.

The following table summarizes subject property utility providers.

Table 2-1 Utility Providers

Utility	Providers
Electricity (used for cooling)	PG&E
Natural gas (used for heating)	PG&E
Water	Valley Water
Sewer	City of San Jose

2.5 Hazardous Substances and Petroleum Products

Langan did not observe hazardous substances, or evidence of leaks, spills, pools of liquid or releases such as staining or sheens at the subject property.

Underground Storage Tanks (USTs)

The EDR database report did not identify USTs at the subject property, and Langan did not observe USTs at the subject property.

Aboveground Storage Tanks (ASTs)

The EDR database report did not identify ASTs at the subject property, and Langan did not observe ASTs at the subject property.

Drums, Totes, and Intermediate Bulk Containers

Langan did not observe any drums, totes, or intermediate bulk containers during the site reconnaissance.

Other Chemical Storage, Containers, or Equipment

Langan did not observe any chemical storage, containers, or equipment at the subject property.

2.6 Air Emissions

Langan did not observe any air emission sources at the subject property. Langan does not consider the air emissions an environmental concern for the subject property.

2.7 Waste Management

The following sections describe current hazardous and non-hazardous waste streams, and observations of fill areas or other solid waste throughout the subject property.

Hazardous Waste

Langan did not observe any hazardous waste at the subject property.

Non-Hazardous Waste

Langan did not observe any non-hazardous waste containers at the subject property.

Fill Areas or Solid Waste

Langan did not observe fill areas or solid waste at the subject property during the site reconnaissance.

2.8 Wastewater

Sanitary and wastewater are discharged to the municipal sanitary sewer system.

Langan did not observe or identify evidence of septic systems or cesspools at the subject property.

2.9 Storm Water

Storm water at the subject property sheet flows to the adjoining roadways into the municipal combined sanitary sewer system.

Langan did not observe evidence of impact (e.g., sheens, staining) to storm water pathways.

3.0 SUBJECT PROPERTY HISTORY AND RECORDS REVIEW

The following sections provide summaries of the historical uses of the subject property, and available information regarding documented environmental conditions associated with the historical uses.

3.1 Historical Summary

Langan compiled the following summary of the subject property history based on a review of readily available and reasonably ascertainable sources and interviews. Historical resources are provided in Appendix E.

Table 3-1 Subject Property History

Time Period	Historical Discussion
1930s – 1970s	The subject property is depicted as undeveloped on topographic maps. The subject property appears as agricultural land on aerial photographs by 1939 until at least 1974.
1980s	According to the 1980 topographic map, the subject property appears undeveloped. An unknown development in the southeast portion of the subject property first appears the 1982 aerial photo. The unknown development is primarily located on the southwest adjacent property and extends into the southeast corner of the subject property.
1990s – Present	In the 1996 City Directory, Prodigy Child Development Center is listed as the user of the subject property. In the 1998 aerial photograph, two buildings, a playground, and a parking lot appear in the southern portion of the subject property. From 2000 – 2020, the City Directory lists Bright Horizons as the user of the subject property. The northern portion of the subject property remains undeveloped. No obvious development on the subject property has occurred since 1998.

Historical information was not readily available to characterize the subject property prior to 1939. A 1939 aerial photograph indicates the subject property was already developed for agricultural uses and earlier historical resources identifying the use of the subject property were not available. Based on knowledge of the area, it is unlikely that the subject property was used for developed purposes other than agricultural prior to 1939 and the data gap is not considered significant.

Environmental concerns related to historical operations are discussed further in Section 3.3.

3.2 Regulatory Database Review

The subject property is not identified on federal, or state source environmental databases included in the environmental database search report, prepared by EDR. The environmental database report is attached as Appendix C.

3.3 Prior Report Review

Langan was not provided with prior reports related to prior environmental site assessments or activities at the subject property.

4.0 ADJOINING PROPERTIES AND SURROUNDING AREA

The following sections describe current and historical uses of and database listings for adjoining properties and the surrounding area.

4.1 Current Use of Adjoining Properties and Surrounding Area

The current use of adjoining and surrounding properties is summarized in Table 4-1.

Table 4-1 Current Use of Adjoining Properties and Surrounding Area

Direction	Adjoining Properties	Surrounding Area
North	Highway 85	Single and Multi-family residential
East	Multi-family residential townhomes and Autotech Way.	Multi-family residential and PG&E substation
South	Single family residences (183 through 219 Cheryl Beck Ct)	Single family residential
West	Liska Lane and an at grade parking lot owned by Kaiser Permanente San Jose Medical Center.	Kaiser Permanente San Jose Medical Center

Langan did not observe obvious conditions likely to represent environmental concerns for the subject property from current uses of adjoining or surrounding properties.

4.2 Adjoining Properties and Surrounding Area History

Langan compiled the following summaries of the adjoining properties and surrounding area history based on a review of historical resources and interviews. Historical resources are provided in Appendix E.

Table 4-2 Historical Use of Adjoining Properties

Direction	Adjoining Properties
North	The northern adjoining property is depicted as agricultural land on aerial photographs between 1939 and 1974. A roadway appears to the north of the subject property in the 1982 aerial photograph. In the 1998 aerial photograph, the previously identified road is gone, and Highway 85 appears for the first time. The land to the north of Highway 85 appears to be used as agricultural land until at least 2006. The area to the north was developed into residential units between 2006 and 2020.

Direction	Adjoining Properties
East	The eastern adjoining property is depicted as agricultural land on aerial photographs between 1939 and 1974. In the 1982 aerial photograph, the area to the east of the subject property is partially developed. By 1998, the eastern adjoining property was redeveloped with the existing multi-family residential buildings and Autotech way. Langan does not consider the historical use of the eastern adjoining property an environmental concern for the subject property.
South	The southern adjoining property is depicted as agricultural land on aerial photographs between 1939 and 1974. In the 1982 aerial photograph, the area to the south of the subject property is partially developed. By 1998, the southern adjoining property was redeveloped with the existing single family residential buildings and Cheryl Beck Drive. Langan does not consider the historical use of the southern adjoining property an environmental concern for the subject property.
West	The western adjoining property is depicted as agricultural land on aerial photographs between 1939 and 1968. Partial development of the current Kaiser Permanente Medical Center complex first appears in the 1974 aerial photograph. A hospital is first identified on the 1980 topographic map. By 1998, it appears that the development of the Kaiser Permanente Medical complex is complete. The buildings visible in the 1998 aerial photograph remain to the present. Langan does not consider the historical use of the western adjoining property an environmental concern for the subject property.

The surrounding area was depicted as agricultural land in aerial photographs from the early 1900s through the 1980s. Development of the Kaiser Permanente medical complex to the west of the subject property began in the 1970, and included multiple structures, parking lots, and surrounding roadways. Residential development to the south and east of the subject property occurred mostly in the late 1970s to early 1980s and has remained the same since. Highway 85 was built to the north of the subject property sometime between 1982 and 1998. Agricultural land to the north of Highway 85 was developed beginning in 2006 and appears complete in 2020.

Langan does not consider the historical uses of the surrounding area properties an environmental concern for the subject property.

4.3 Regulatory Database Review

Langan reviewed the environmental database report to evaluate if adjoining or surrounding area properties identified in the database report are suspected to represent an environmental concern for the subject property (see Section 8.2). Langan did not consider review of regulatory agency files necessary to evaluate potential RECs for the subject property unless discussed in Section 4.3.1 or 4.3.2 below.

Adjoining Properties

Database listings for adjoining properties are summarized as follows.

Kaiser Permanente San Jose Medical Center 1 – 260 International Circle (western adjoining, inferred crossgradient)

The 260 International Circle property, located approximately 200 feet west of the subject property, was identified on the HAZMAT, SWEEPS UST, CUPA Listings, CERS Hazardous Waste, and CERS databases. According to the database listings, a diesel UST of unknown size is active at this property. Additionally, this property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the subject property. Langan reviewed the inspection history, and all violations have since been returned to compliance. None of the violations were indicative of a release; therefore, these database listings do not pose a concern to the subject property and are not considered a REC.

Kaiser Permanente San Jose Medical Center Engineer – 255 International Circle (western adjoining, inferred downgradient)

The 255 International Circle property, located approximately 200 west of the subject property, was identified on the FINDS, HAZMAT, CUPA Listings, CERS Hazardous Waste, CERS databases. This property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the subject property. Langan reviewed the inspection history, and all violations have since been returned to compliance. None of the violations were indicative of a release; therefore, these database listings do not pose a concern to the subject property and are not considered a REC.

Surrounding Area

Langan evaluated each of the database listings for surrounding area properties (see Section 8.2). Those warranting further discussion in the context of potential to represent an environmental concern for the subject property are discussed below.

Kaiser Permanente San Jose Medical – 250 Hospital Parkway (western, inferred downgradient)

The 250 Hospital Parkway, located approximately 450 feet southwest of the subject property, was listed on the following databases searched by EDR: UST, California Integrate Water Quality System (CIWQS), Resource Conservation and Recovery Act – Large Quantity Generator (RCRA-LQG), Historical UST, Enforcement and Compliance History Online (ECHO), Emissions Inventory Data (EMI), Statewide Environmental Evaluation and Planning System (SWEEPS) UST, San Jose

Hazardous Materials (HAZMAT), California Environmental Reporting System (CERS), CERS Hazardous Waste, CERS Tanks, UST Finder, Certified Unified Program Agencies (CUPA) Listings, Hazardous Waste Information System (HAZNET), Hazardous Waste Tracking System (HWTS), and Facility Index System (FINDS). The listings are related to hazardous waste generation, USTs, and routine inspections.

A 10,000-gallon diesel UST was installed at the property in 1972 and is located on the eastern side of the hospital building. According to the database listings, the property was enrolled in the California State Water Resources Control Board (State Water Board) Construction Stormwater Program in 2008 through 2010 for the redevelopment of the asphalt paved parking lot located south of the property hospital building. The State Water Board regulates stormwater discharge from active construction sites due to the potential for pollutants to mobilize into surface water bodies.

Various amounts of hazardous waste including but not limited to aged or surplus organics, laboratory waste chemicals, pharmaceutical waste, inorganic solid waste, and solvent mixtures were transferred from the property between 1985 and 2020 due to general hospital operations. Asbestos containing waste was also removed from the property in 1986 through 1987 during renovation efforts.

The property is registered as a large quantity hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan reviewed the inspection history, and all violations have since been returned to compliance. None of the violations were indicative of a release; therefore, these database listings do not pose a concern to the subject property and are not considered a REC.

<u>Kaiser Permanente San Jose Medical Center Office Building – 275 Hospital Parkway (western adjoining, inferred crossgradient)</u>

The 275 Hospital Parkway property, located approximately 750 feet west of the subject property, was identified on the CUPA Listings, HWTS, HAZNET, CERS, HAZMAT, RCRA NONGEN/NLR, and CERS Hazardous Waste databases. According to the database listings, various amounts of hazardous waste including but not limited to photochemical/photoprocessing waste, metal sludge, and asbestos containing waste were transferred from the property between 1994 and 2020 due to general hospital operations and renovation efforts.

The property is registered as a hazardous waste generator under a SCCDEH Hazardous Waste Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan

reviewed the inspection history and no violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Kaiser Permanente San Jose – 280 Hospital Parkway (southwest, inferred downgradient)

The 280 Hospital Parkway property, located approximately 1,150 feet from the subject property, was identified on the CUPA Listings, CERS, HAZMAT, and CERS Hazardous Waste databases. According to the database listings, this property is registered as a hazardous waste generator under a SCCDEH Hazardous Materials Permit. The SCCDEH conducts routine compliance evaluation inspections at the property. Langan reviewed the inspection history and no violations have been recorded for this parcel and the address is not listed on databases indicative of a release; therefore, this property is unlikely to pose a threat to the subject property and is not considered a REC.

Chevron Station #90038 – 6096 Cottle Road (southwest, inferred downgradient)

The 6096 Cottle Road property, located approximately 1,850 feet to the southwest of the subject property, was identified on the UST Finder, RCRA NonGen/NLR, FINDS, Leaking Underground Storage Tank (LUST), Cortese, Historical Cortese, CERS, CUPA Listings, HWTS, HAZNET, UST, Historical LUST, CERS Hazardous Waste, SWEEPS UST, CERS Tanks, EMI, HAZMAT, and EDR Historical Auto databases. Based on a review of the GeoTracker case file, this property has operated as a gasoline service station since 1974. A leak was reported in 1995 when three gasoline USTs were removed from the property and replaced with new USTs. Remediation efforts included excavating approximately 1,200 cubic yards of soil and disposal at an off-site regulated landfill.

In November 1997, methyl tert butyl ether (MTBE) was detected in a water supply well located approximately 407 feet northwest of this location. The well was removed from operation in December 1997. Additional groundwater sampling conducted at the property identified elevated concentrations of MTBE and total petroleum hydrocarbons as gasoline (TPHg). Remediation included a soil vapor extraction and treatment (SVET) system and a groundwater extraction and treatment (GET) system. The SVET was shut down in 2003 after collecting 51 pounds of TPHg and two pounds of MTBE. The GET system was shut down in 2005 after removing and treating 4,202,148 gallons of groundwater and removing 0.97 pounds of TPHg and 6.82 pounds of MTBE.

The LUST case was marked closed as of 25 September 2007. The SCCDEH stated in the case closure letter that residual contamination remains below the property and could pose an

unacceptable risk under site development activities. The SCCDEH stated that notification of any land use changes should be submitted to the department. Due to the remedial activity performed, the closed regulatory status, and the hardscape cover acting as a cap to the below residual contamination, the release at 6096 Cottle Road is not considered an environmental concern for the subject property and therefore is not considered a REC.

5.0 CONCLUSIONS, FINDINGS AND OPINIONS

Langan completed a Phase I ESA consistent with the scope and limitations of ASTM E1527-21 for the subject property at 6120 Liska Lane in San Jose, California. Exceptions to, or deletions from, ASTM E1527-21 are described in Section 8 of this report.

This assessment has revealed the following RECs, CRECs, HRECs, de minimis conditions, and significant data gaps in connection with the subject property as presented in Table 5-1.

Table 5-1 Conclusions, Findings and Opinions

ASTM E1527-21 Scope Items
Recognized Environmental Conditions (RECs)
Langan did not identify RECs.
Controlled Recognized Environmental Conditions (CRECs)
Langan did not identify CRECs.
Historical Recognized Environmental Conditions (HRECs)
Langan did not identify HRECs.
De Minimis Conditions
Langan did not identify significant data gaps.
Significant Data Gaps
Langan did not identify significant data gaps.

6.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312 and I have the specific qualifications based on my education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Peter J. Cusack
Associate Principal/Vice President (Environmental Professional)

Resumes outlining the qualifications of the project team and the Environmental Professional are included in Appendix F.

7.0 REFERENCES

Langan used the following sources to complete this Phase I ESA.

- ASTM E1527-21, Standard Practice for Environmental Property Assessments: Phase I Environmental Property Assessment Process, published 16 November 2021
- EDR, Inc., Radius Map Report with GeoCheck, 4 January 2024
- EDR, Inc., City Directory Abstract, 4 January 2024
- EDR, Inc., Aerial Photographs, 4 January 2024
- EDR, Inc., Historical Topographic Map Report, 4 January 2024
- EDR, Inc., Sanborn Map Report, 4 January 2024
- State of California Department of Toxic Substances Control, *EnviroStor online database*, http://www.envirostor.dtsc.ca.gov/public, searched 17 January 2024.
- State of California State Water Resources Control Board, *Geotracker online database*, http://geotracker.waterboards.ca.gov, searched 17 January 2024.
- US EPA ECHO database: http://echo.epa.gov/facilities searched 17 January 2024.
- US EPA ENVIROFACTS database: https://www3.epa.gov/enviro/ searched 17 January 2024.

Table 7-1 Dates of Assessment Components

COMPONENT	DATE
Interviews	19 January 2024
Review of government records	4 January 2024
Site reconnaissance	19 January 2024
Declaration by Environmental Professional	29 January 2024

8.0 LIMITATIONS AND DEFINITIONS

This Phase I ESA report was prepared for Client and is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. The Client is the sole intended beneficiary of the report. The user requested no special terms or conditions regarding this Phase I ESA.

Langan's scope of services, which is described in Section 1.2 and in the contract executed between Langan and the Client, was limited to that agreed to with the Client/user and no other services beyond those explicitly stated are implied. To the extent possible, the services performed and agreed upon for this Phase I ESA are consistent with the guidelines of ASTM E1527-21.

This report is not intended to be an exhaustive assessment of the subject property. The purpose of the Phase I ESA is to reduce uncertainty about unknown conditions at the subject property. No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a subject property. Therefore, Langan cannot "verify," "insure," "certify", or "guarantee" that the subject property is free of environmental concerns.

No expressed or implied representation or warranty is included or intended in this report, except that our services were completed using the care and skill ordinarily followed by professionals providing similar services under similar circumstances in similar locations at the same point in time.

The conclusions provided in this report are based solely on information obtained through completing the standard activities required by ASTM E1527-21 and are intended exclusively for the purpose stated herein, at the specified subject property, as it existed at the point in time the assessment was completed. The conclusions provided in this report do not apply to conditions and features of which Langan was not made aware of through good faith efforts to complete the activities required by ASTM E1527-21 and did not have the opportunity to evaluate.

8.1 ASTM Definitions

The following definitions are provided in ASTM E1527-21 and presented below for reference. This section is not a comprehensive list of definitions provided in ASTM E1527-21 and is intended to summarize those pertinent to this Phase I ESA report.

Activity and use limitations (AULs): legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effective-ness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

Adjoining properties: any real property or properties the border of which is contiguous partially contiguous with that of the subject property, or that would be contiguous or partially contiguous with that of the subject property but for a street, road, or other public thoroughfare separating them.

All Appropriate Inquiries: that inquiry constituting all appropriate inquiries into the previous ownership and uses of the subject property consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C.§ 9601(35)(B) and 40 C.F.R. Part 312, that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42U.S.C. §§ 9601(35)(A) & (B), § 9607(b)(3), § 9607(q), and§ 9607(r)), assuming compliance with other elements of the defense.

Approximate minimum search distance: the area for which records must be obtained and reviewed pursuant to ASTM E1527-21 Section 8 subject to the limitations provided in that section. This may include areas outside the subject property and shall be measured from the nearest subject property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Business environmental risk (BER): a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. Consideration of BER issues may involve addressing one or more non-scope considerations.

Controlled recognized environmental condition (CREC): recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to

remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).

Data gap: a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

De minimis condition: a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.

Engineering controls: physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on a property. Engineering controls are a type of activity and use limitation (AUL).

Environment: environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601(8).

Historical recognized environmental condition (HREC): previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).A historical recognized environmental condition is not a recognized environmental condition.

Institutional controls (IC): a legal or administrative mechanism (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant

risk to public health or the environment. An institutional control is a type of activity and use limitation (AUL).

Key site manager: the person identified by the owner or operator of a subject property as having good knowledge of the uses and physical characteristics of the subject property.

Material threat: obvious threat which is likely to lead to a release and that, in the opinion of the environmental professional, would likely result in impact to public health or the environment.

Obvious: that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer.

Property use limitation: limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous sub-stances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria.

Reasonably ascertainable: information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Recognized environmental conditions: (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. For the purposes of this definition, "likely" is that which is neither certain nor proved but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

Release: a release of any hazardous substance or petroleum product shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22). There are a number of statutory exclusions from the definition of release that may impact the environmental professional's opinions and conclusions, such as the normal application of fertilizer.

Significant data gap: a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.

Site reconnaissance: that part that is contained in Section 9 of ASTM E1527-21 and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.

Site visit: the visit of the subject property during which observations are made constituting the site reconnaissance section of this practice.

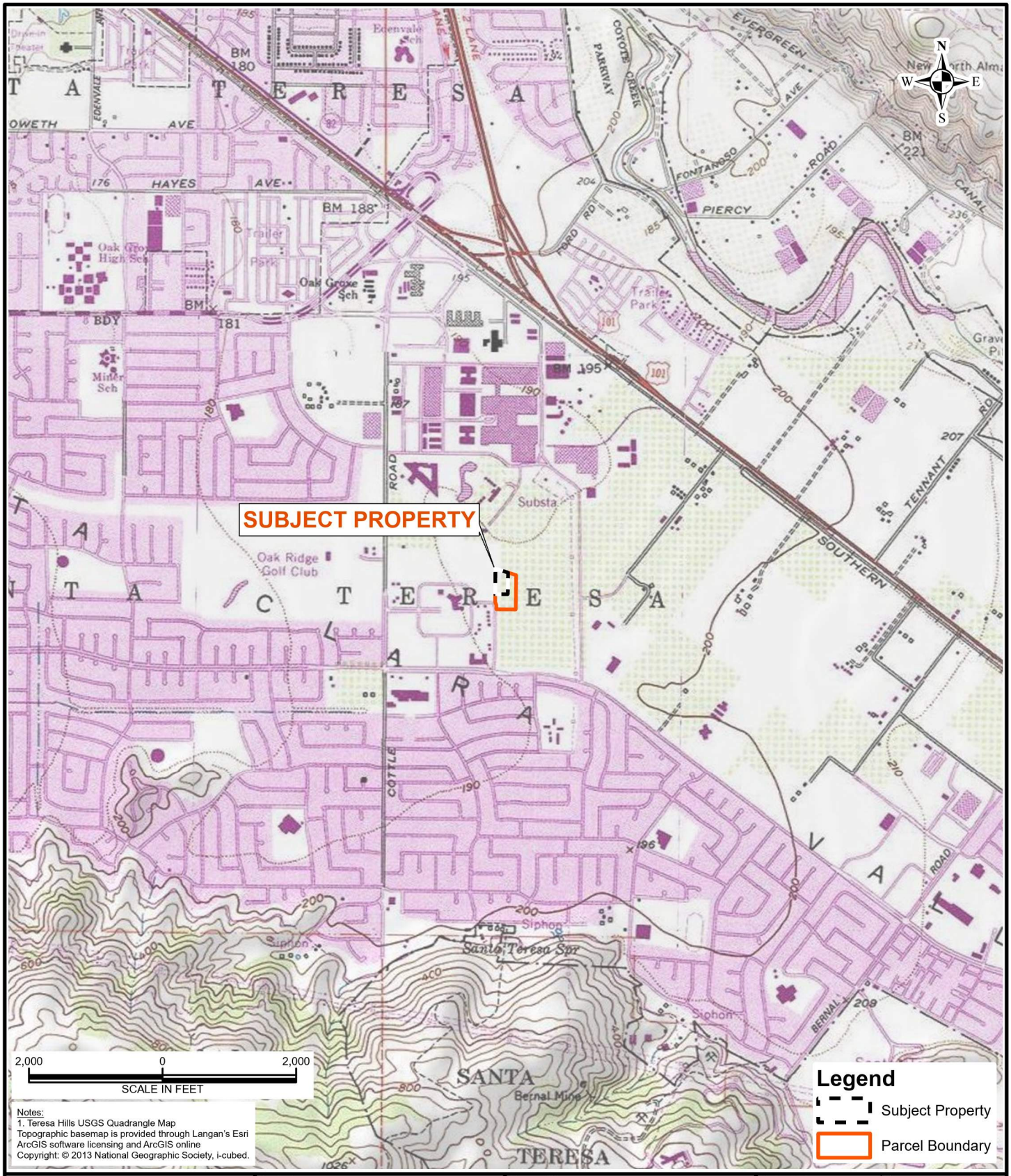
Subject property: the property that is the subject of the environmental site assessment described in this practice.

User: the party seeking to use ASTM E1527-21 to complete an environmental site assessment of the subject property.

8.2 Standard Environmental Record Sources

Langan reviewed an environmental database search report prepared by an environmental database search provider for the subject property and surrounding area. The database search report includes a listing of properties identified on select federal, state, local and tribal standard source environmental databases within the approximate minimum search radii outlined in ASTM E1527-21. This information was supplied to Langan by the environmental database search provider, and to the environmental database search provider by government sources; therefore, neither Langan nor the environmental database search provider can verify the completeness and accuracy of the database information. Appendix C contains a copy of the report, with specific source and property descriptions, and the dates of the last update for each database searched. Langan reviewed the database search report on a record-by-record basis to evaluate if certain properties identified in the database report are likely to represent an environmental concern for the subject property. The evaluation criteria included factors such as distance, groundwater gradient, nature of the listing, and regulatory status. Unless specifically discussed in the body of this report, the facilities listed on the database do not appear to represent an environmental concern to the subject property.

APPENDIX A
FIGURES



LANGAN
Langan Engineering and Environmental Services, Inc.
1814 Franklin Street, Suite 505
Oakland, CA 94612-1420
T: 510.874.7000 F: 510.874.7001
www.langan.com

Project
6120 LISKA LANE
SAN JOSE
SANTA CLARA COUNTY CALIFORNIA

Figure Title
SUBJECT PROPERTY LOCATION MAP

Project No.	750677301
Date	1/29/2024
Scale	1" = 2,000 feet
Drawn By	KA

Figure
1

© 2024 Langan

Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\6120 Liska Lane Phase I ESA\6120_Liska_Lane_PhaseI_ESA.aprx

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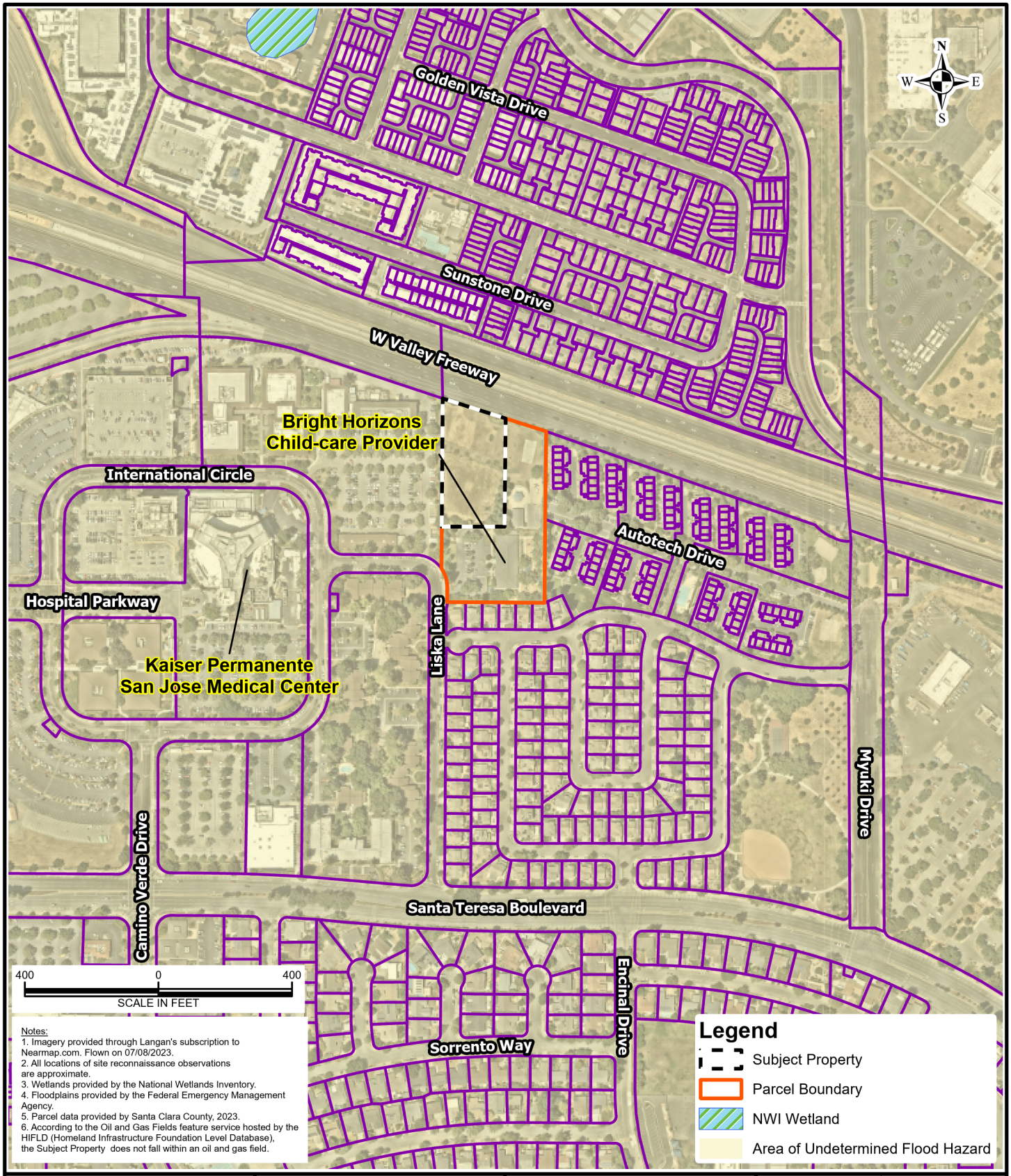
Project	6120 LISKA LANE SAN JOSE SANTA CLARA COUNTY CALIFORNIA
Figure Title	SUBJECT PROPERTY MAP
Project No.	750677301
Date	1/29/2024
Scale	1" = 100 feet
Drawn By	KA
Figure	2

© 2024 Langan

Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\6120 Liska Lane Phase I ESA\6120_Liska_Lane_PhaseI_ESA.aprx



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Project	Figure Title	Project No.	Figure
6120 LISKA LANE SAN JOSE SANTA CLARA COUNTY CALIFORNIA	NEARBY PROPERTIES MAP	750677301	3
		Date: 1/29/2024	
		Scale: 1" = 400'	
		Drawn By: KA	

© 2024 Langan

Path: \\langan.com\data\OAK\data3\750677301\Project Data\ArcGIS\APRX\6120 Liska Lane Phase I ESA\6120_Liska_Lane_PhaseI_ESA.aprx

APPENDIX B
USER PROVIDED INFORMATION

ASTM E1527-21 User Questionnaire

Please complete the below form and return to Langan.

Providing the following information (if available) to the environmental professional (Langan) is one of the requirements to qualify for one of the Landowner Liability Protections (LLP) offered under CERCLA. Missing or incomplete information for questions 1 through 6 could result in a determination that "all appropriate inquiry" is not complete. Additional information should be provided for "Yes" answers where relevant.

General Information

User/Client Names: RUDOLPH AND SLETTEN, INC / KAISER

Reason for the Phase I ESA: Construction trailer multi-year License Agreement

Type of property: Child development center and yard

Type of property transaction (e.g. sale, purchase, exchange): License Agreement

Subject property address (provide documentation of subject property boundary):
44,000sf at 6120 Liska Lane, San Jose CA. Deed of Trust 14848812 dtd June 8, 1999

Site Contact and Contact Information: Jeff Russell, Rudolph and Sletten, Inc. 916.257.4439

Relying Party(ies): Kaiser Permanente

Required Information

(1.) Environmental liens that are filed or recorded against the subject property (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the subject property under federal, tribal, state or local law?

Yes	No
○	●

(2.) Activity and use limitations that are in place on the subject property or that have been filed or recorded against the subject property (40 CFR 312.26(a)(1)(v) and (vi)).

Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the subject property and/or have been filed or recorded against the subject property under federal, tribal, state or local law?

Yes	No
○	●

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the subject property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes	No
○	●

(4.) Relationship of the purchase price to the fair market value of the subject property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this subject property reasonably reflect the fair market value of the subject property? Yes ○ No ●

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the subject property? Yes ○ No ●

(5.) Commonly known or reasonably ascertainable information about the subject property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases? Yes ○ No ●

For example,

(a.) Do you know the past uses of the subject property? Yes ○ No ●

(b.) Do you know of specific chemicals that are present or once were present at the subject property? Yes ○ No ●

(c.) Do you know of spills or other chemical releases that have taken place at the subject property? Yes ○ No ●

(d.) Do you know of any environmental cleanups that have taken place at the subject property? Yes ○ No ●

(6.) The degree of obviousness of the presence or likely presence of contamination at the subject property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the subject property, are there any obvious indicators that point to the presence or likely presence of releases at the subject property? Yes ○ No ●

Do you have knowledge or experience with the subject property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition)? Yes ○ No ●

Signature

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By: _____

Print/Type Name: _____

First American Title Insurance Company
National Commercial Services
101 Mission Street, Suite 1600
San Francisco, CA 94105-1730

Tina Wehrmeister
Kaiser Permanente
One Kaiser Plaza, 22nd Floor
Oakland, CA 94612-5112

Customer Reference:	6120 Liska Lane
Escrow Officer:	Ted V. Bigornia
Phone:	(415)837-2231
Email:	tbigornia@firstam.com
Buyer:	TBD
Owner:	Bright Horizons Children's Centers, Inc.,
Property:	6120 Liska Lane, San Jose, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of November 09, 2023 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Bright Horizons Children's Centers, Inc., a Delaware corporation

The estate or interest in the land hereinafter described or referred to covered by this Report is:

Fee

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2023-2024.

First Installment:	$25,596.75, PAID
Penalty:	$0.00
Second Installment:	$25,596.75, OPEN
Penalty:	$0.00
Tax Rate Area:	017-060
A. P. No.:	706-04-017

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for electric transmission line and incidental purposes, recorded March 12, 1913 in Book 401 of Deeds, Page 60.

In Favor of:	Pacific Gas and Electric Company, a corporation
Affects:	as described therein

The location of the easement cannot be determined from record information.

4. An easement for public utilities, ingress/egress and incidental purposes, recorded December 9, 1949 as Book 1889, Page 327 of Official Records.

In Favor of:	Pacific Telephone and Telegraph Company, a corporation
Affects:	as described therein

The location of the easement cannot be determined from record information.

5. An easement for public utilities, ingress/egress and incidental purposes, recorded June 21, 1968 as Book 8165, Page 504 as Instrument No. 3436869 of Official Records.
   In Favor of: Pacific Gas and Electric Company, a California corporation
   Affects: as described therein

6. The fact that the land lies within the boundaries of the Edenvale Project Redevelopment Project Area, as disclosed by the document recorded August 19, 1976 as Book C226, Page 482 of Official Records.

7. An easement for public utilities and incidental purposes, recorded December 14, 1984 as Book J113, Page 246 as Instrument No. 8278746 of Official Records.
   In Favor of: Pacific Gas and Electric Company, a California corporation
   Affects: as described therein

8. A document entitled "Resolution No. 87-78 Correcting Specific Flood Control Benefit Assessments" recorded December 4, 1987 as Book K380, Page 679 as Instrument No. 9527489 of Official Records.

9. A document entitled "Resolution No. 88-27 Correcting Specific Flood Control Benefit Assessments" recorded March 28, 1988 as Book K482, Page 1778 as Instrument No. 9640206 of Official Records.

10. TERMS AND CONDITIONS of that certain Permit
    File No.: CP 93-08-043
    Disclosed By: Certificate of Permit
    Recorded: April 21, 1994 as Document No. Book N406, Page 2059 as Instrument No. 12459147, Official Records

    Reference is hereby made to the record for particulars.

11. An easement for street right of way and incidental purposes, recorded May 20, 1994 as Book N452, Page 0756 as Instrument No. 12508297 of Official Records.
    In Favor of: City of San Jose
    Affects: as described therein

12. With respect to Bright Horizons Children's Centers, Inc., a Delaware corporation, a certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.

13. We find no outstanding voluntary liens of record affecting subject property. An inquiry should be made concerning the existence of any unrecorded lien or other indebtedness which could give rise to any security interest in the subject property.

14. Water rights, claims or title to water, whether or not shown by the Public Records.

15. An ALTA/NSPS survey of recent date which complies with the current minimum standard detail requirements for ALTA/NSPS land title surveys.

16. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/NSPS survey.

17. Rights of parties in possession.

INFORMATIONAL NOTES

ALERT - CA Senate Bill 2 imposes an additional fee of $75 up to $225 at the time of recording on certain transactions effective January 1, 2018. Please contact your First American Title representative for more information on how this may affect your closing.

1. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) Commercial Structure known as 6120 Liska Lane, San Jose, California.

2. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

3. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

4. Should this report be used to facilitate your transaction, we must be provided with the following prior to the issuance of the policy:

   A. WITH RESPECT TO A CORPORATION:
      1. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
      2. A certificate copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
      3. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
      4. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
   B. WITH RESPECT TO A CALIFORNIA LIMITED PARTNERSHIP:
      1. A certified copy of the certificate of limited partnership (form LP-1) and any amendments thereto (form LP-2) to be recorded in the public records;
      2. A full copy of the partnership agreement and any amendments;
      3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
      4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
      5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
   C. WITH RESPECT TO A FOREIGN LIMITED PARTNERSHIP:
      1. A certified copy of the application for registration, foreign limited partnership (form LP-5) and any amendments thereto (form LP-6) to be recorded in the public records;
      2. A full copy of the partnership agreement and any amendment;
      3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;

4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

D. WITH RESPECT TO A GENERAL PARTNERSHIP:
1. A certified copy of a statement of partnership authority pursuant to Section 16303 of the California Corporation Code (form GP-I), executed by at least two partners, and a certified copy of any amendments to such statement (form GP-7), to be recorded in the public records;
2. A full copy of the partnership agreement and any amendments;
3. Requirements which the Company may impose following its review of the above material required herein and other information which the Company may require.

E. WITH RESPECT TO A LIMITED LIABILITY COMPANY:
1. A copy of its operating agreement and any amendments thereto;
2. If it is a California limited liability company, a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) to be recorded in the public records;
3. If it is a foreign limited liability company, a certified copy of its application for registration (LLC-5) to be recorded in the public records;
4. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, such document or instrument must be executed in accordance with one of the following, as appropriate:
   (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such documents must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
   (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
5. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
6. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

F. WITH RESPECT TO A TRUST:
1. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
2. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
3. Other requirements which the Company may impose following its review of the material require herein and other information which the Company may require.

G. WITH RESPECT TO INDIVIDUALS:
1. A statement of information.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of San Jose, County of Santa Clara, State of California, described as follows:

ALL THAT CERTAIN REAL PROPERTY SITUATE IN THE CITY OF SAN JOSE, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, BEING A PORTION OF LOT 5, AS SHOWN ON THE MAP FILED JANUARY 5, 1923 IN BOOK R OF MAPS AT PAGE 24, SANTA CLARA COUNTY RECORDS.

BEGINNING AT THE NORTHWESTERLY CORNER OF THE PARCEL OF LAND AS DESCRIBED IN THE DEED TO THE CITY OF SAN JOSE RECORDED AUGUST 13, 1979 IN BOOK E716 OF OFFICIAL RECORDS AT PAGE 431 SANTA CLARA COUNTY RECORDS, SAID CORNER BEING ON THE WESTERLY LINE OF SAID LOT 5;

THENCE ALONG SAID WESTERLY LINE N. 0°09'59" E., 848.15 FEET TO THE TRUE POINT OF BEGINNING;

THENCE LEAVING SAID WESTERLY LINE S. 89°50'01" E., 311.31 FEET;

THENCE PARALLEL WITH SAID WESTERLY LINE N. 0°09'59" E., 508.82 FEET TO THE SOUTHWESTERLY LINE OF THE PARCEL OF LAND AS DESCRIBED IN THE DEED RECORDED NOVEMBER 30, 1990 IN BOOK L554 OF OFFICIAL RECORDS AT PAGE 1536, SANTA CLARA COUNTY RECORDS;

THENCE ALONG SAID SOUTHWESTERLY LINE OF FOLLOWING TWO COURSES N. 71°03'32" W., 87.88 FEET;

THENCE N. 72°12'17" W., 239.35 FEET TO SAID WESTERLY LINE;

THENCE ALONG SAID WESTERLY LINE S. 0°09'59" W. 609.59 FEET TO THE TRUE POINT OF BEGINNING.

APN: 706-04-017

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

Privacy Policy

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its *Fair Information Values*, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's *Fair Information Values*. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10)
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   (a) building; (d) improvements on the Land;
   (b) zoning; (e) land division; and
   (c) land use; (f) environmental protection.
   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   (a) that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   (b) that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   (c) that result in no loss to You; or
   (d) that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   (a) to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   (b) in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows: For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount or $2,500.00 (whichever is less)	$10,000.00
Covered Risk 18:	1% of Policy Amount or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 19:	1% of Policy Amount or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 21:	1% of Policy Amount or $2,500.00 (whichever is less)	$5,000.00

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection
   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you

(b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
(c) that result in no loss to you
(d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks

4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

   b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

2006 ALTA OWNER'S POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

   b.Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   a. a fraudulent conveyance or fraudulent transfer; or
   b. a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

   b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters

   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.

APPENDIX C
ENVIRONMENTAL DATABASE REPORT

LANGAN

6120 Liska Lane
6120 Liska Lane
San Jose, CA 95119

Inquiry Number: 7533641.2s
January 04, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

6120 LISKA LANE
SAN JOSE, CA 95119

COORDINATES

Latitude (North):	37.2402290 - 37° 14' 24.82''
Longitude (West):	121.7976150 - 121° 47' 51.41''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606650.7
UTM Y (Meters):	4121995.8
Elevation:	195 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50003411 SANTA TERESA HILLS, CA
Version Date:	2021
North Map:	50003394 SAN JOSE EAST, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200525
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
6120 LISKA LANE
SAN JOSE, CA 95119

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	KAISER PERMANENTE SA	260 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Lower	366, 0.069, West
A2	KAISER PERMANENTE-SJ	270 INTERNATIONAL CL	CUPA Listings	Lower	366, 0.069, West
A3	KAISER PERMANENTE (M	270 INTERNATIONAL CL	HAZMAT	Lower	366, 0.069, West
A4	KAISER PERMANENTE SJ	260 INTERNATIONAL CL	HAZMAT	Lower	366, 0.069, West
A5	KAISER SERVICE BLDG	260 INTERNATIONAL CL	SWEEPS UST, CUPA Listings	Lower	366, 0.069, West
A6	KAISER PERMANENTE SA	270 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Lower	366, 0.069, West
B7	GREAT OAKS WATER COM	275 INTERNATIONAL CL	CUPA Listings	Lower	436, 0.083, SW
A8	KAISER PERMANENTE SA	255 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Lower	461, 0.087, West
A9	KAISER PERMANENTE-SJ	255 INTERNATIONAL CL	CUPA Listings, HAZMAT	Lower	461, 0.087, West
C10	SANTA TERESA APTS	5967 LISKA LN	RCRA NonGen / NLR	Lower	587, 0.111, South
C11	NATALIE JONES UNIT 2	5965 LISKA LANE	RCRA NonGen / NLR	Lower	595, 0.113, South
C12	GOLDRICH KEST C/O SA	5961 LISKA LANE #101	RCRA NonGen / NLR	Lower	612, 0.116, South
B13	KAISER PERMANENTE-SJ	276 INTERNATIONAL CL	CUPA Listings, HAZMAT	Lower	653, 0.124, SW
B14	KAISER PERMANENTE SA	276 INTERNATIONAL CI	CERS HAZ WASTE, CERS	Lower	653, 0.124, SW
D15	KAISER PERMANENTE-SJ	258 INTERNATIONAL CL	CUPA Listings, HAZMAT	Lower	710, 0.134, West
C16	GOLDRICH KEST C/O SA	5931 LISKA LANE #205	RCRA NonGen / NLR	Lower	739, 0.140, South
D17	KAISER SERVICE BLDG	256 INTERNATIONAL CI	UST	Lower	742, 0.141, West
D18	KAISER PERMANENTE (O	256 INTERNATIONAL CL	HAZMAT	Lower	742, 0.141, West
D19	KAISER PERMANENTE SA	256 INTERNATIONAL CI	CERS HAZ WASTE, CERS TANKS, CERS	Lower	742, 0.141, West
D20	OUT OF BUSINESS (DUP	256 INTERNATIONAL CL	HAZMAT	Lower	742, 0.141, West
D21	KAISER PERMANENTE SA	256 INTERNATIONAL CL	CUPA Listings	Lower	742, 0.141, West
D22	KAISER PERMANENTE SA	256 INTERNATIONAL CI	UST	Lower	742, 0.141, West
C23	SANTA THERESA APTS.	5929 LISKA LN.	RCRA NonGen / NLR	Lower	747, 0.141, South
E24	SANTA TERESA	6254 SANTA TERESA BL	RCRA NonGen / NLR	Lower	850, 0.161, SSW
E25	SANTA TERESA APARTME	6254 SANTA TERESA BL	RCRA NonGen / NLR	Lower	850, 0.161, SSW
E26	GOLDRICH KEST	6254 SANTA TERESA BL	RCRA NonGen / NLR	Lower	850, 0.161, SSW
E27	SANTA TERESA APARTME	6254 SANTA TERESA BL	RCRA NonGen / NLR	Lower	850, 0.161, SSW
28	GRIFFIN PROPERTY	724 1ST	HIST CORTESE	Lower	851, 0.161, North
F29	KAISER PERMANENTE SA	250 HOSPITAL PY	CUPA Listings, HWTS	Lower	883, 0.167, WSW
F30	KAISER PERMANENTE SA	250 HOSPITAL PKWY	UST	Lower	883, 0.167, WSW
F31	KAISER PERMANENTE SA	250 HOSPITAL PKWY	CERS HAZ WASTE, CERS TANKS, CERS	Lower	883, 0.167, WSW
F32	KAISER PERMANENTE (H	250 HOSPITAL PY HIRI	SWEEPS UST, HAZMAT	Lower	883, 0.167, WSW
F33	KAISER PERMANENTE ME	250 HOSPITAL PKWY	RCRA-LQG, HIST UST, FINDS, ECHO, EMI, CERS	Lower	883, 0.167, WSW
34	VTA SANTA TERESA LIG	6340 SANTA TERESA BL	RCRA NonGen / NLR	Lower	900, 0.170, SSE
D35	KAISER FOUNDATION HO	275 HOSPITAL PARKWAY	RCRA NonGen / NLR	Lower	937, 0.177, West
D36	SPRINT # SF606XC835	275 HOSPITAL PY ROOF	HAZMAT	Lower	937, 0.177, West
D37	VALLEY RADIOLOGIST M	275 HOSPITAL PARKWAY	CUPA Listings, HWTS, HAZNET, CERS	Lower	937, 0.177, West
D38	KAISER PERMANENTE (M	275 HOSPITAL PY HIRI	HAZMAT	Lower	937, 0.177, West
D39	KAISER PERMANENTE-SJ	275 HOSPITAL PY	CUPA Listings, HAZMAT	Lower	937, 0.177, West

MAPPED SITES SUMMARY

Target Property Address:
6120 LISKA LANE
SAN JOSE, CA 95119

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	KAISER PERMANENTE-SA	275 HOSPITAL PY	CERS HAZ WASTE, CERS	Lower	937, 0.177, West
D41	OUT OF BUSINESS	275 HOSPITAL PY CA12	HAZMAT	Lower	937, 0.177, West
F42	KAISER PERMANENTE SA	280 HOSPITAL PKWY	CERS HAZ WASTE, CUPA Listings, CERS	Lower	992, 0.188, WSW
F43	KAISER PERMANENTE (M	280 HOSPITAL PY A, B	HAZMAT	Lower	992, 0.188, WSW
F44	KAISER PERMANENTE-SJ	280 HOSPITAL PY	CUPA Listings	Lower	992, 0.188, WSW
E45	JOHN SAGLIK	6108 DEL ROBLES COUR	RCRA NonGen / NLR	Lower	1036, 0.196, SSW
46	NITESH SHELAR	6112 DEL CANTO DRIVE	RCRA NonGen / NLR	Lower	1144, 0.217, SSW
47	IA 062613 SCVTA-LIGH	MIYUKI DR	CUPA Listings	Higher	1161, 0.220, SE
G48	KAISER PERMANENTE SA	274 INTERNATIONAL	CERS HAZ WASTE, CERS	Lower	1179, 0.223, West
G49	KAISER PERMANANTE (S	274 INTERNATIONAL CL	HAZMAT	Lower	1179, 0.223, West
G50	KAISER PERMANENTE-SJ	274 INTERNATIONAL	CUPA Listings	Lower	1179, 0.223, West
51	PETER HUYNH	6134 ESCONDIDO COURT	RCRA NonGen / NLR	Lower	1202, 0.228, South
52	AMALIA ZACHER DVM DB	6110 CAMINO VERDE DR	RCRA NonGen / NLR	Lower	1290, 0.244, SSW
H53	P G & E (EDENVALE SE	6402 SANTA TERESA BL	HIST LUST	Higher	1424, 0.270, SE
H54	PG & E ESC SITE 2	6402 SANTA TERESA	LUST, CUPA Listings, HIST CORTESE, HWTS, HAZNET,...	Higher	1424, 0.270, SE
H55	PG E EDENVALE SERVIC	6402 SANTA TERESA BL	LUST, CPS-SLIC, HIST LUST, Cortese	Higher	1424, 0.270, SE
56	PLAZA DE SANTA TERES	6133 CAMINO VERDE DR	CPS-SLIC, CERS HAZ WASTE, FINDS, CUPA Listings,...	Lower	1625, 0.308, SW
I57	CHEVRON #9-0038	6096 COTTLE RD	LUST, HIST LUST, CERS HAZ WASTE, SWEEPS UST, CERS..	Lower	1670, 0.316, WSW
I58	CHEVRON	6096 COTTLE	LUST, Cortese, HIST CORTESE, CERS	Lower	1670, 0.316, WSW
J59	UNOCAL #5995	6211 SANTA TERESA BO	LUST, Cortese, ENF, HIST CORTESE, HAZMAT, CIWQS,...	Lower	1877, 0.355, SW
J60	UNOCAL #5995	6211 SANTA TERESA BL	LUST, HIST LUST, HIST UST, Cortese, EMI	Lower	1877, 0.355, SW
K61	VOGUE CLEANERS	5732 COTTLE ROAD	CPS-SLIC, CERS	Lower	2248, 0.426, NW
L62	PACIFIC MICRONET	LITTLE COYOTE	CPS-SLIC	Higher	2277, 0.431, ENE
K63	INTERNATIONAL BUSINE	5600 COTTLE ROAD	CPS-SLIC, CHMIRS, CA BOND EXP. PLAN, EMI, CERS	Lower	2315, 0.438, NW
K64	IBM-5600 COTTLE ROAD	5600 COTTLE	ENVIROSTOR, CPS-SLIC, DEED, Cortese, ENF, HIST...	Lower	2315, 0.438, NW
L65	GREAT OAKS MIXED USE	PERIMETER ROAD, WHIT	ENVIROSTOR, VCP, DEED	Higher	2413, 0.457, ENE
M66	WESTERN DIGITAL TECH	5601 GREAT OAKS PKWY	EMI, ICE, HWP, HWTS, HAZNET, NPDES, CIWQS, CERS	Higher	3092, 0.586, NNE
M67	IBM CORPORATION	5601 GREAT OAKS PKWY	SEMS, CORRACTS, RCRA-TSDF, RCRA-SQG, HIST UST,...	Higher	3092, 0.586, NNE
M68	IBM CORPORATION	5601 GREAT OAKS PKWY	CUPA Listings, HWP, HAZMAT, CERS	Higher	3092, 0.586, NNE
M69	WESTERN DIGITAL TECH	5601 GREAT OAKS PARK	CORRACTS, RCRA-TSDF, RCRA-LQG, ENVIROSTOR, CHMIRS	Higher	3092, 0.586, NNE
70	PROPOSED COSTCO WHOL	6898 RALEIGH ROAD	ENVIROSTOR, VCP, DEED	Higher	3353, 0.635, ENE
71	EXSIL, INC.	6541 VIA DEL ORO #C	ENVIROSTOR	Higher	3756, 0.711, ESE
72	CYBERNEX ADVANCED ST	6580-B VIA DEL ORO	RCRA-SQG, ENVIROSTOR, CPS-SLIC, HIST UST	Higher	4501, 0.852, ESE
73	STION CORPORATION	6321 SAN IGNACIO AVE	ENVIROSTOR, CUPA Listings, HAZMAT	Higher	4786, 0.906, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

EXECUTIVE SUMMARY

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---------- State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ---------- Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---------- Facility Inventory Database

EXECUTIVE SUMMARY

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
MINES MRDS	Mineral Resources Data System
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information

PFAS TSCA - PFAS Manufacture and Imports Information
PFAS TRIS - List of PFAS Added to the TRI
PFAS RCRA MANIFEST - PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR - PFAS Contamination Site Location Listing
PFAS WQP - Ambient Environmental Sampling for PFAS
PFAS NPDES - Clean Water Act Discharge Monitoring Information
PFAS ECHO - Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING - Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT - All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC - Aqueous Foam Related Incidents Listing
BIOSOLIDS - ICIS-NPDES Biosolids Facility Data
PFAS - PFAS Contamination Site Location Listing
AQUEOUS FOAM - Former Fire Training Facility Assessments Listing
CHROME PLATING - Chrome Plating Facilities Listing
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - Inspection, Compliance and Enforcement
HWT - Registered Hazardous Waste Transporter Database
HWTS - Hazardous Waste Tracking System
HAZNET - Facility and Manifest Data
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/04/2023 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IBM CORPORATION EPA ID:: CAD990843989	***5601 GREAT OAKS PKWY***	***NNE 1/2 - 1 (0.586 mi.)***	***M67***	***473***
WESTERN DIGITAL TECH EPA ID:: CAR000128793	***5601 GREAT OAKS PARK***	***NNE 1/2 - 1 (0.586 mi.)***	***M69***	***610***

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/04/2023 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE ME EPA ID:: CAD082903642	***250 HOSPITAL PKWY***	***WSW 1/8 - 1/4 (0.167 mi.)***	***F33***	***78***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/24/2023 has revealed that there are 7 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREAT OAKS MIXED USE	***PERIMETER ROAD, WHIT***	***ENE 1/4 - 1/2 (0.457 mi.)***	***L65***	***277***
Facility Id: 60002251				
Status: Certified O&M - Land Use Restrictions Only				
WESTERN DIGITAL TECH	***5601 GREAT OAKS PARK***	***NNE 1/2 - 1 (0.586 mi.)***	***M69***	***610***
Facility Id: 80001772				
Status: No Action Required				
PROPOSED COSTCO WHOL	***6898 RALEIGH ROAD***	***ENE 1/2 - 1 (0.635 mi.)***	***70***	***747***
Facility Id: 60002294				
Status: Certified O&M - Land Use Restrictions Only				
EXSIL, INC.	6541 VIA DEL ORO #C	ESE 1/2 - 1 (0.711 mi.)	71	756
Facility Id: 71002463				
Status: Inactive - Needs Evaluation				
CYBERNEX ADVANCED ST	***6580-B VIA DEL ORO***	***ESE 1/2 - 1 (0.852 mi.)***	***72***	***757***
Facility Id: 71003064				
Status: Refer: Local Agency				
STION CORPORATION	***6321 SAN IGNACIO AVE***	***ESE 1/2 - 1 (0.906 mi.)***	***73***	***763***
Facility Id: 60002938				
Status: Active				

Lower Elevation	Address	Direction / Distance	Map ID	Page
IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NW 1/4 - 1/2 (0.438 mi.)***	***K64***	***257***
Facility Id: 43350084				
Facility Id: 71003199				
Facility Id: 80001517				
Status: Refer: RWQCB				
Status: Refer: Other Agency				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG & E ESC SITE 2	***6402 SANTA TERESA***	***SE 1/4 - 1/2 (0.270 mi.)***	***H54***	***142***
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST, Date of Government Version: 09/05/2023 Status: Completed - Case Closed Date Closed: 01/17/1992 SCVWD ID: 08S2E18G01F SCVWD ID: 08S2E18G02F Global Id: T0608501054				
PG E EDENVALE SERVIC	***6402 SANTA TERESA BL***	***SE 1/4 - 1/2 (0.270 mi.)***	***H55***	***149***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Case Closed date9: 1/17/1992				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-0038	***6096 COTTLE RD***	***WSW 1/4 - 1/2 (0.316 mi.)***	***I57***	***162***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Remedial action (cleanup) Underway				
CHEVRON	***6096 COTTLE***	***WSW 1/4 - 1/2 (0.316 mi.)***	***I58***	***204***
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST, Date of Government Version: 09/05/2023 Status: Completed - Case Closed Date Closed: 09/25/2007 SCVWD ID: 08S2E18E01F Global Id: T0608501820				
UNOCAL #5995	***6211 SANTA TERESA BO***	***SW 1/4 - 1/2 (0.355 mi.)***	***J59***	***215***
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST, Date of Government Version: 09/05/2023 Status: Completed - Case Closed Date Closed: 10/24/1991 SCVWD ID: 08S2E18M02F SCVWD ID: 08S2E18M01F Global Id: T0608590617 Global Id: T0608501533				
UNOCAL #5995	***6211 SANTA TERESA BL***	***SW 1/4 - 1/2 (0.355 mi.)***	***J60***	***240***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Remedial action (cleanup) Underway Facility Status: Case Closed date9: 10/24/1991				

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 6 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG E EDENVALE SERVIC	***6402 SANTA TERESA BL***	***SE 1/4 - 1/2 (0.270 mi.)***	***H55***	***149***
Database: SLIC REG 2, Date of Government Version: 09/30/2004				

Facility Id: 43S0804

PACIFIC MICRONET — LITTLE COYOTE — ENE 1/4 - 1/2 (0.431 mi.) — L62 — 245
Database: CPS-SLIC, Date of Government Version: 09/05/2023
Global Id: T10000007717
Facility Status: Completed - Case Closed

Lower Elevation	Address	Direction / Distance	Map ID	Page
PLAZA DE SANTA TERES	***6133 CAMINO VERDE DR***	***SW 1/4 - 1/2 (0.308 mi.)***	***56***	***150***
Database: CPS-SLIC, Date of Government Version: 09/05/2023 Global Id: T10000007121 Facility Status: Completed - Case Closed				
VOGUE CLEANERS	***5732 COTTLE ROAD***	***NW 1/4 - 1/2 (0.426 mi.)***	***K61***	***243***
Database: CPS-SLIC, Date of Government Version: 09/05/2023 Global Id: T10000000610 Facility Status: Completed - Case Closed				
INTERNATIONAL BUSINE	***5600 COTTLE ROAD***	***NW 1/4 - 1/2 (0.438 mi.)***	***K63***	***246***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: 43S0056				
IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NW 1/4 - 1/2 (0.438 mi.)***	***K64***	***257***
Database: CPS-SLIC, Date of Government Version: 09/05/2023 Global Id: SL720561211 Facility Status: Open - Eligible for Closure				

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 4 HIST LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
P G & E (EDENVALE SE SCVWD ID: 08S2E18G01	6402 SANTA TERESA BL	SE 1/4 - 1/2 (0.270 mi.)	H53	141
PG E EDENVALE SERVIC SCVWD ID: 08S2E18G02	***6402 SANTA TERESA BL***	***SE 1/4 - 1/2 (0.270 mi.)***	***H55***	***149***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-0038 SCVWD ID: 08S2E18E01	***6096 COTTLE RD***	***WSW 1/4 - 1/2 (0.316 mi.)***	***I57***	***162***
UNOCAL #5995 SCVWD ID: 08S2E18M01 SCVWD ID: 08S2E18M02	***6211 SANTA TERESA BL***	***SW 1/4 - 1/2 (0.355 mi.)***	***J60***	***240***

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER SERVICE BLDG Database: UST, Date of Government Version: 09/05/2023 Facility Id: 406400	256 INTERNATIONAL CI	W 1/8 - 1/4 (0.141 mi.)	D17	32
KAISER PERMANENTE SA Database: UST, Date of Government Version: 09/05/2023 Facility Id: FA0700503	256 INTERNATIONAL CI	W 1/8 - 1/4 (0.141 mi.)	D22	43
KAISER PERMANENTE SA Database: UST, Date of Government Version: 09/05/2023 Facility Id: FA0208083	250 HOSPITAL PKWY	WSW 1/8 - 1/4 (0.167 mi.)	F30	58

Lists of state and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREAT OAKS MIXED USE Status: Certified O&M - Land Use Restrictions Only Facility Id: 60002251	***PERIMETER ROAD, WHIT***	***ENE 1/4 - 1/2 (0.457 mi.)***	***L65***	***277***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/17/2023 has revealed that there are 9 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	***260 INTERNATIONAL CI***	***W 0 - 1/8 (0.069 mi.)***	***A1***	***9***
KAISER PERMANENTE SA	***270 INTERNATIONAL CI***	***W 0 - 1/8 (0.069 mi.)***	***A6***	***13***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	*255 INTERNATIONAL CI*	*W 0 - 1/8 (0.087 mi.)*	*A8*	*16*
KAISER PERMANENTE SA	*276 INTERNATIONAL CI*	*SW 0 - 1/8 (0.124 mi.)*	*B14*	*27*
KAISER PERMANENTE SA	*256 INTERNATIONAL CI*	*W 1/8 - 1/4 (0.141 mi.)*	*D19*	*33*
KAISER PERMANENTE SA	*250 HOSPITAL PKWY*	*WSW 1/8 - 1/4 (0.167 mi.)*	*F31*	*60*
KAISER PERMANENTE-SA	*275 HOSPITAL PY*	*W 1/8 - 1/4 (0.177 mi.)*	*D40*	*122*
KAISER PERMANENTE SA	*280 HOSPITAL PKWY*	*WSW 1/8 - 1/4 (0.188 mi.)*	*F42*	*125*
KAISER PERMANENTE SA	*274 INTERNATIONAL*	*W 1/8 - 1/4 (0.223 mi.)*	*G48*	*134*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER SERVICE BLDG Status: A Tank Status: A Comp Number: 406400	*260 INTERNATIONAL CL*	*W 0 - 1/8 (0.069 mi.)*	*A5*	*12*
KAISER PERMANENTE (H Status: A Tank Status: A Comp Number: 403211	*250 HOSPITAL PY HIRI*	*WSW 1/8 - 1/4 (0.167 mi.)*	*F32*	*77*

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE ME Facility Id: 00000007126	*250 HOSPITAL PKWY*	*WSW 1/8 - 1/4 (0.167 mi.)*	*F33*	*78*

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 07/17/2023 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE SA	*256 INTERNATIONAL CI*	*W 1/8 - 1/4 (0.141 mi.)*	*D19*	*33*
KAISER PERMANENTE SA	*250 HOSPITAL PKWY*	*WSW 1/8 - 1/4 (0.167 mi.)*	*F31*	*60*

EXECUTIVE SUMMARY

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 08/28/2023 has revealed that there are 2 DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREAT OAKS MIXED USE	***PERIMETER ROAD, WHIT***	***ENE 1/4 - 1/2 (0.457 mi.)***	***L65***	***277***
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 60002251				

Lower Elevation	Address	Direction / Distance	Map ID	Page
IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NW 1/4 - 1/2 (0.438 mi.)***	***K64***	***257***
Status: OPEN - ELIGIBLE FOR CLOSURE Envirostor ID: SL720561211 Envirostor ID: T10000004324				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/04/2023 has revealed that there are 15 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA TERESA APTS EPA ID:: CAC003157088	5967 LISKA LN	S 0 - 1/8 (0.111 mi.)	C10	19
NATALIE JONES UNIT 2 EPA ID:: CAC003228004	5965 LISKA LANE	S 0 - 1/8 (0.113 mi.)	C11	21
GOLDRICH KEST C/O SA EPA ID:: CAC003103486	5961 LISKA LANE #101	S 0 - 1/8 (0.116 mi.)	C12	24
GOLDRICH KEST C/O SA EPA ID:: CAC003104151	5931 LISKA LANE #205	S 1/8 - 1/4 (0.140 mi.)	C16	30
SANTA THERESA APTS. EPA ID:: CAC003136378	5929 LISKA LN.	S 1/8 - 1/4 (0.141 mi.)	C23	45
SANTA TERESA EPA ID:: CAC003045812	6254 SANTA TERESA BL	SSW 1/8 - 1/4 (0.161 mi.)	E24	47
SANTA TERESA APARTME EPA ID:: CAC003060994	6254 SANTA TERESA BL	SSW 1/8 - 1/4 (0.161 mi.)	E25	49
GOLDRICH KEST EPA ID:: CAC003103118	6254 SANTA TERESA BL	SSW 1/8 - 1/4 (0.161 mi.)	E26	51
SANTA TERESA APARTME	6254 SANTA TERESA BL	SSW 1/8 - 1/4 (0.161 mi.)	E27	54

EPA ID:: CAC002985932				
VTA SANTA TERESA LIG EPA ID:: CAC003177730	6340 SANTA TERESA BL	SSE 1/8 - 1/4 (0.170 mi.)	34	101
KAISER FOUNDATION HO EPA ID:: CAC003081528	275 HOSPITAL PARKWAY	W 1/8 - 1/4 (0.177 mi.)	D35	103
JOHN SAGLIK EPA ID:: CAC003162972	6108 DEL ROBLES COUR	SSW 1/8 - 1/4 (0.196 mi.)	E45	129
NITESH SHELAR EPA ID:: CAC003203919	6112 DEL CANTO DRIVE	SSW 1/8 - 1/4 (0.217 mi.)	46	131
PETER HUYNH EPA ID:: CAC003251108	6134 ESCONDIDO COURT	S 1/8 - 1/4 (0.228 mi.)	51	137
AMALIA ZACHER DVM DB EPA ID:: CAL000458757	6110 CAMINO VERDE DR	SSW 1/8 - 1/4 (0.244 mi.)	52	139

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 09/19/2023 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IBM CORPORATION EPA ID:: CAD990843989	***5601 GREAT OAKS PKWY***	***NNE 1/2 - 1 (0.586 mi.)***	***M67***	***473***

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL BUSINE	***5600 COTTLE ROAD***	***NW 1/4 - 1/2 (0.438 mi.)***	***K63***	***246***

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/19/2023 has revealed that there are 5 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG E EDENVALE SERVIC Cleanup Status: COMPLETED - CASE CLOSED	***6402 SANTA TERESA BL***	***SE 1/4 - 1/2 (0.270 mi.)***	***H55***	***149***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON Cleanup Status: COMPLETED - CASE CLOSED	***6096 COTTLE***	***WSW 1/4 - 1/2 (0.316 mi.)***	***I58***	***204***
UNOCAL #5995	***6211 SANTA TERESA BO***	***SW 1/4 - 1/2 (0.355 mi.)***	***J59***	***215***

Cleanup Status: COMPLETED - CASE CLOSED

UNOCAL #5995	***6211 SANTA TERESA BL***	***SW 1/4 - 1/2 (0.355 mi.)***	***J60***	***240***

Cleanup Status: COMPLETED - CASE CLOSED

IBM-5600 COTTLE ROAD	***5600 COTTLE***	***NW 1/4 - 1/2 (0.438 mi.)***	***K64***	***257***

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 14 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IA 062613 SCVTA-LIGH	MIYUKI DR	SE 1/8 - 1/4 (0.220 mi.)	47	133
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE-SJ	270 INTERNATIONAL CL	W 0 - 1/8 (0.069 mi.)	A2	11
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER SERVICE BLDG	***260 INTERNATIONAL CL***	***W 0 - 1/8 (0.069 mi.)***	***A5***	***12***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
GREAT OAKS WATER COM	275 INTERNATIONAL CL	SW 0 - 1/8 (0.083 mi.)	B7	15
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***255 INTERNATIONAL CL***	***W 0 - 1/8 (0.087 mi.)***	***A9***	***18***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***276 INTERNATIONAL CL***	***SW 0 - 1/8 (0.124 mi.)***	***B13***	***26***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***258 INTERNATIONAL CL***	***W 1/8 - 1/4 (0.134 mi.)***	***D15***	***29***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE SA	256 INTERNATIONAL CL	W 1/8 - 1/4 (0.141 mi.)	D21	42
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE SA	***250 HOSPITAL PY***	***WSW 1/8 - 1/4 (0.167 mi.)***	***F29***	***56***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
VALLEY RADIOLOGIST M	***275 HOSPITAL PARKWAY***	***W 1/8 - 1/4 (0.177 mi.)***	***D37***	***105***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	***275 HOSPITAL PY***	***W 1/8 - 1/4 (0.177 mi.)***	***D39***	***121***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE SA	***280 HOSPITAL PKWY***	***WSW 1/8 - 1/4 (0.188 mi.)***	***F42***	***125***
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	280 HOSPITAL PY	WSW 1/8 - 1/4 (0.188 mi.)	F44	128
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				
KAISER PERMANENTE-SJ	274 INTERNATIONAL	W 1/8 - 1/4 (0.223 mi.)	G50	136
Database: CUPA SANTA CLARA, Date of Government Version: 11/07/2023				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG & E ESC SITE 2 Reg Id: 43-1060	***6402 SANTA TERESA***	***SE 1/4 - 1/2 (0.270 mi.)***	***H54***	***142***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GRIFFIN PROPERTY Reg Id: 43-2268	724 1ST	N 1/8 - 1/4 (0.161 mi.)	28	56
CHEVRON Reg Id: 43-1902	***6096 COTTLE***	***WSW 1/4 - 1/2 (0.316 mi.)***	***I58***	***204***
UNOCAL #5995 Reg Id: 43-1573	***6211 SANTA TERESA BO***	***SW 1/4 - 1/2 (0.355 mi.)***	***J59***	***215***
IBM-5600 COTTLE ROAD Reg Id: 2 438031N03	***5600 COTTLE***	***NW 1/4 - 1/2 (0.438 mi.)***	***K64***	***257***

HWP: Detailed information on permitted hazardous waste facilities and corrective action (''cleanups'') tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/14/2023 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTERN DIGITAL TECH EPA ID: CAR000128793 Cleanup Status: OPERATING PERMIT	***5601 GREAT OAKS PKWY***	***NNE 1/2 - 1 (0.586 mi.)***	***M66***	***287***
IBM CORPORATION EPA ID: CAD990843989 Cleanup Status: CLOSED	***5601 GREAT OAKS PKWY***	***NNE 1/2 - 1 (0.586 mi.)***	***M68***	***598***

HAZMAT: San Jose Hazmat Facilities.

A review of the HAZMAT list, as provided by EDR, and dated 11/03/2020 has revealed that there are 14 HAZMAT sites within approximately 0.25 miles of the target property.

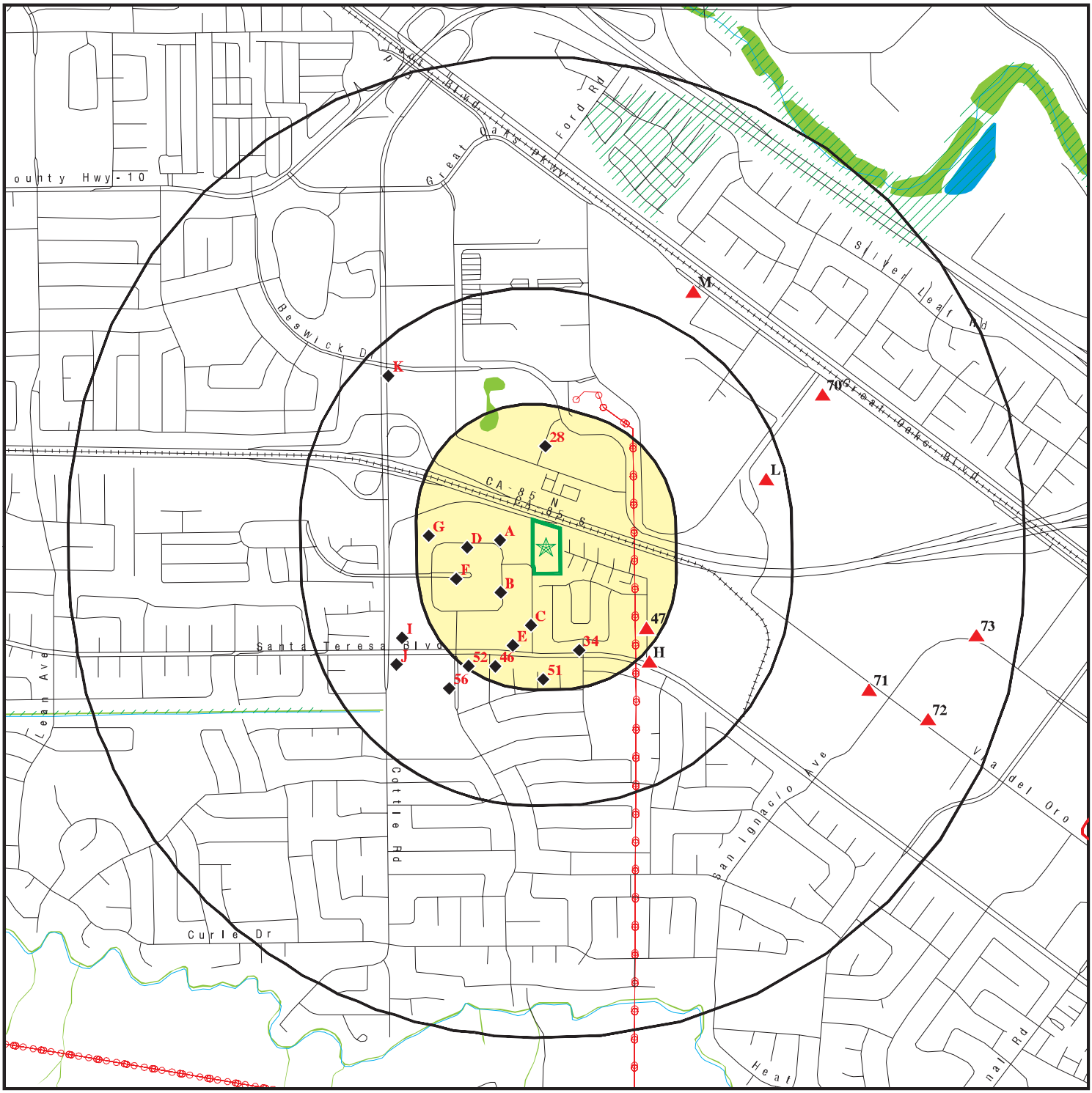
Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE (M File Num: 407687	270 INTERNATIONAL CL	W 0 - 1/8 (0.069 mi.)	A3	12
KAISER PERMANENTE SJ File Num: 600406	260 INTERNATIONAL CL	W 0 - 1/8 (0.069 mi.)	A4	12
KAISER PERMANENTE-SJ File Num: 475210	***255 INTERNATIONAL CL***	***W 0 - 1/8 (0.087 mi.)***	***A9***	***18***
KAISER PERMANENTE-SJ	***276 INTERNATIONAL CL***	***SW 0 - 1/8 (0.124 mi.)***	***B13***	***26***

File Num: 407688				
KAISER PERMANENTE-SJ File Num: 406400	***258 INTERNATIONAL CL***	***W 1/8 - 1/4 (0.134 mi.)***	***D15***	***29***
KAISER PERMANENTE (O File Num: 407678	256 INTERNATIONAL CL	W 1/8 - 1/4 (0.141 mi.)	D18	33
OUT OF BUSINESS (DUP File Num: 495509	256 INTERNATIONAL CL	W 1/8 - 1/4 (0.141 mi.)	D20	42
KAISER PERMANENTE (H File Num: 403211	***250 HOSPITAL PY HIRI***	***WSW 1/8 - 1/4 (0.167 mi.)***	***F32***	***77***
SPRINT # SF606XC835 File Num: 410568	275 HOSPITAL PY ROOF	W 1/8 - 1/4 (0.177 mi.)	D36	105
KAISER PERMANENTE (M File Num: 402256	275 HOSPITAL PY HIRI	W 1/8 - 1/4 (0.177 mi.)	D38	120
KAISER PERMANENTE-SJ File Num: 600869 File Num: 408369	***275 HOSPITAL PY***	***W 1/8 - 1/4 (0.177 mi.)***	***D39***	***121***
OUT OF BUSINESS File Num: 409211	275 HOSPITAL PY CA12	W 1/8 - 1/4 (0.177 mi.)	D41	125
KAISER PERMANENTE (M File Num: 600073	280 HOSPITAL PY A, B	WSW 1/8 - 1/4 (0.188 mi.)	F43	128
KAISER PERMANANTE (S File Num: 407689	274 INTERNATIONAL CL	W 1/8 - 1/4 (0.223 mi.)	G49	136

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7533641.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 6120 Liska Lane ADDRESS: 6120 Liska Lane San Jose CA 95119 LAT/LONG: 37.240229 / 121.797615	CLIENT: Langan CONTACT: Peter Cusack INQUIRY #: 7533641.2s DATE: January 04, 2024 1:56 pm

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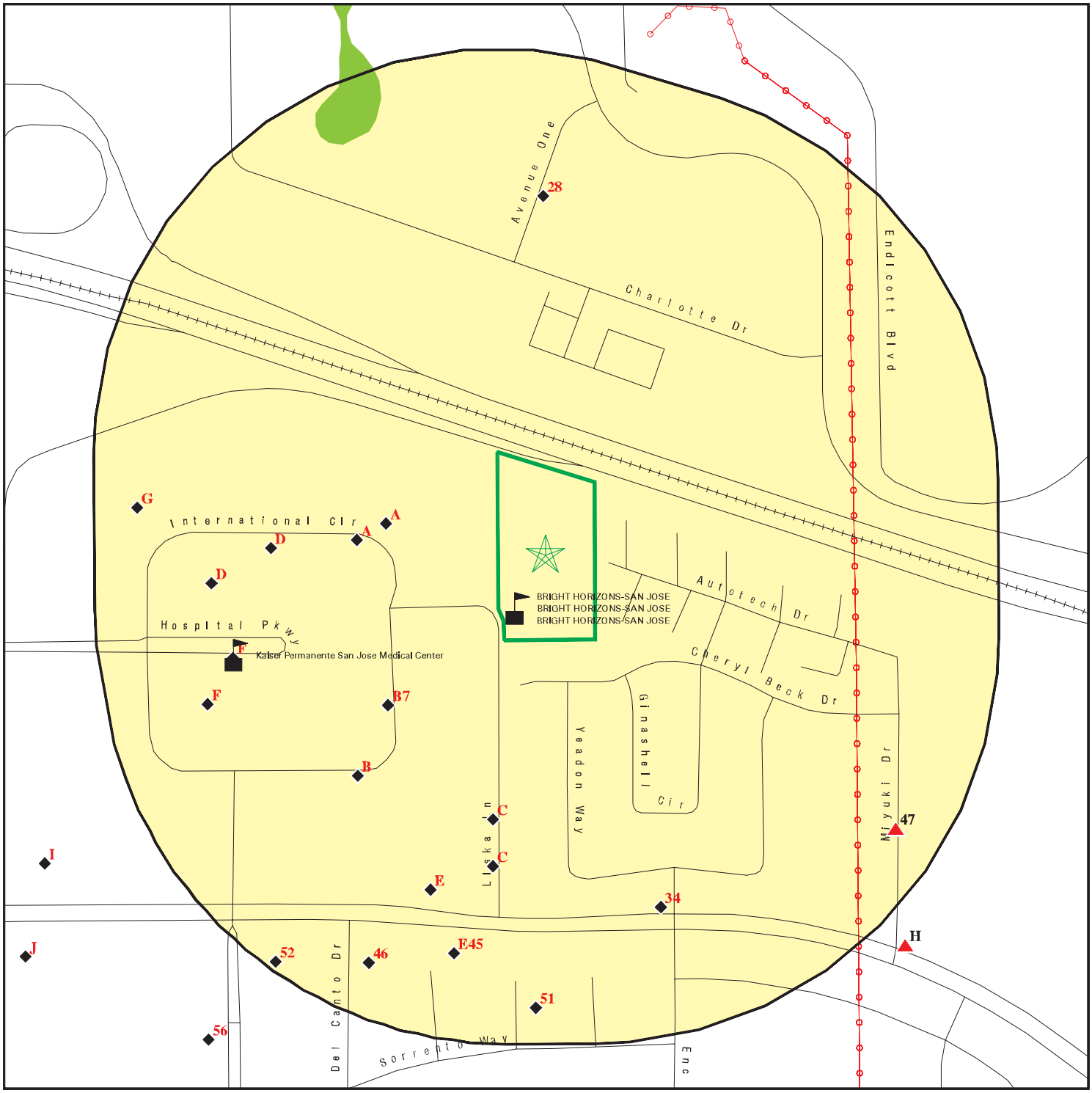
DETAIL MAP - 7533641.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 6120 Liska Lane	CLIENT: Langan
ADDRESS: 6120 Liska Lane San Jose CA 95119	CONTACT: Peter Cusack INQUIRY #: 7533641.2s
LAT/LONG: 37.240229 / 121.797615	DATE: January 04, 2024 1:58 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	2	NR	2
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	2	5	NR	7
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	6	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	6	NR	NR	6
HIST LUST	0.500		0	0	4	NR	NR	4
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	3	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		4	5	NR	NR	NR	9
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	2	NR	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	2	NR	NR	2
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	12	NR	NR	NR	15
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	5	NR	NR	5
CUPA Listings	0.250		5	9	NR	NR	NR	14
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	4	NR	NR	5
HWP	1.000		0	0	0	2	NR	2
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		4	10	NR	NR	NR	14
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	17	45	31	10	0	103

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
West
< 1/8
0.069 mi.
366 ft.

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH
260 INTERNATIONAL CIR
SAN JOSE, CA 95119

Site 1 of 8 in cluster A

CERS HAZ WASTE
CERS

S121778237
N/A

Relative:
Lower

Actual:
193 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH
Address: 260 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41026
CERS ID: 10443550
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH
Address: 260 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41026
CERS ID: 10443550
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See inspection report dated 12-8-2015 for 250 Hospital Parkway (FA0208083).
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Liquid Nitrogen
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH (Continued) **S121778237**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	96412
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Document Preparer

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 1 NORTH (Continued) **S121778237**

Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

A2 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S112345992**
West **270 INTERNATIONAL CL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.069 mi.
366 ft. **Site 2 of 8 in cluster A**

Relative: **Lower**

Actual: **193 ft.**

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	270 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240527
Longitude:	-121.80041
Record ID:	PR0401337
Facility ID:	FA0269686
Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	270 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.240527
Longitude:	-121.80041
Record ID:	PR0423977
Facility ID:	FA0269686

A3 **KAISER PERMANENTE (MEDICAL OFFICE)** **HAZMAT** **S106779371**
West **270 INTERNATIONAL CL 1** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.069 mi.
366 ft. **Site 3 of 8 in cluster A**

Relative: **Lower**

Actual: **193 ft.**

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (MEDICAL OFFICE)
Address:	270 INTERNATIONAL CL 1
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	407687
Class:	Misc. Complex firms and labs

A4 **KAISER PERMANENTE SJ MEDICAL CENTER 1** **HAZMAT** **S122499632**
West **260 INTERNATIONAL CL BLDG ONE NORTH** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.069 mi.
366 ft. **Site 4 of 8 in cluster A**

Relative: **Lower**

Actual: **193 ft.**

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE SJ MEDICAL CENTER 1
Address:	260 INTERNATIONAL CL BLDG ONE NORTH
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	600406
Class:	Auto Wrecking/Misc Simple Facility

A5 **KAISER SERVICE BLDG** **SWEEPS UST** **S106928065**
West **260 INTERNATIONAL CL** **CUPA Listings** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.069 mi.
366 ft. **Site 5 of 8 in cluster A**

Relative: **Lower**

Actual: **193 ft.**

SWEEPS UST:

Name:	KAISER SERVICE BLDG
Address:	260 INTERNATIONAL CL
City:	SAN JOSE
Status:	Active
Comp Number:	406400
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-406400-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	260 INTERNATIONAL CL

KAISER SERVICE BLDG (Continued) **S106928065**

City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240746
Longitude:	-121.799225
Record ID:	PR0401324
Facility ID:	FA0269679

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	260 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.240746
Longitude:	-121.799225
Record ID:	PR0423976
Facility ID:	FA0269679

A6 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH** **CERS HAZ WASTE** **S121778240**
West **270 INTERNATIONAL CIR** **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.069 mi.
366 ft. **Site 6 of 8 in cluster A**

Relative:
Lower

Actual:
193 ft.

CERS HAZ WASTE:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH
Address:	270 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	41027
CERS ID:	10445290
CERS Description:	Hazardous Waste Generator

CERS:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH
Address:	270 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	41027
CERS ID:	10445290
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: UPS Battery Electrolyte
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH (Continued) **S121778240**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See inspection report dated 12-8-2015 for 250 Hospital Parkway (FA0208083).
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7000,

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: KAISER FOUNDATION HOSPITALS
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 987-1000,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300

KAISER PERMANENTE SAN JOSE MEDICAL CENTER 2 NORTH (Continued) **S121778240**

Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Document Preparer
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

B7 **GREAT OAKS WATER COMPANY WELL 10** **CUPA Listings** **S121287927**
SW **275 INTERNATIONAL CL** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.083 mi.
436 ft. **Site 1 of 3 in cluster B**

Relative: **Lower**
Actual: **193 ft.**

CUPA SANTA CLARA:

Name:	GREAT OAKS WATER COMPANY WELL 10
Address:	275 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA

GREAT OAKS WATER COMPANY WELL 10 (Continued) **S121287927**

Telephone:	4082279450
UDF Email:	Not reported
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.2406438
Longitude:	-121.8007242
Record ID:	PR0428527
Facility ID:	FA0285821

A8 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEER** **CERS HAZ WASTE** **S121741959**
West **255 INTERNATIONAL CIR** **CERS** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
461 ft. **Site 7 of 8 in cluster A**

Relative: **Lower**

Actual: **193 ft.**

CERS HAZ WASTE:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING
Address:	255 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127195
CERS ID:	10420696
CERS Description:	Hazardous Waste Generator

CERS:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING
Address:	255 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127195
CERS ID:	10420696
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	127195
Site Name:	Kaiser Permanente San Jose Medical Center Engineering
Violation Date:	01-24-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/09/2017. Facility failed to report oxygen. Observed oxygen in a 249 Cu Ft and 1 approximately 150 Cu Ft cylinder.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	See report for 250 Hospital Parkway.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING (Continued) **S121741959**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Refrigerants Acetylene Waste Oil Oxygen Note: Include EPA ID # in facility information page.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: KAISER FOUNDATION HOSPITALS
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 987-1000,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 255 International Circle
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 1950 Franklin St

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ENGINEERING (Continued) **S121741959**

Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

A9 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S105419769**
West **255 INTERNATIONAL CL AR 19** **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.087 mi.
461 ft. **Site 8 of 8 in cluster A**

Relative: CUPA SANTA CLARA:
Lower

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	255 INTERNATIONAL CL AR 19
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA

Actual:
193 ft.

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S105419769**

Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.240405
Longitude:	-121.800444
Record ID:	PR0401463
Facility ID:	FA0700502

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	255 INTERNATIONAL CL AR 19
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240405
Longitude:	-121.800444
Record ID:	PR0397429
Facility ID:	FA0700502

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (ENGINEERING BLDG)
Address:	255 INTERNATIONAL CL AR 19
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	475210
Class:	Misc. Complex firms and labs

C10 **SANTA TERESA APTS** **RCRA NonGen / NLR** **1027084845**
South **5967 LISKA LN** **CAC003157088**
< 1/8 **SAN JOSE, CA 95119**
0.111 mi.
587 ft. **Site 1 of 5 in cluster C**

Relative: **Lower**

Actual: **193 ft.**

RCRA Listings:

Date Form Received by Agency:	20220114
Handler Name:	Santa Teresa Apts
Handler Address:	5967 LISKA LN
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003157088
Contact Name:	MARIO MIER
Contact Address:	5967 LISKA LN
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-226-7100
Contact Fax:	Not reported
Contact Email:	NJONES@GOLDRICHKEST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

SANTA TERESA APTS (Continued) **1027084845**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5967 LISKA LN
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Santa Teresa Apts
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220118
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANTA TERESA APTS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

SANTA TERESA APTS (Continued) **1027084845**

Owner/Operator Address: 5967 LISKA LN
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-226-7100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MARIO MIER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5967 LISKA LN
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-226-7100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220114
Handler Name: SANTA TERESA APTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C11 **NATALIE JONES UNIT 2C-105** **RCRA NonGen / NLR** **1027685882**
South **5965 LISKA LANE** **CAC003228004**
< 1/8 **SAN JOSE, CA 95119**
0.113 mi.
595 ft. **Site 2 of 5 in cluster C**

Relative: RCRA Listings:
Lower
Date Form Received by Agency: 20230417
Actual: Handler Name: Natalie Jones Unit 2c-105
193 ft. Handler Address: 5965 LISKA LANE
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003228004

NATALIE JONES UNIT 2C-105 (Continued) **1027685882**

Contact Name:	NATALIE JONES UNIT 2C-105
Contact Address:	5965 LISKA LANE
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	916-459-8565
Contact Fax:	Not reported
Contact Email:	NJONES@GOLDRICHKEST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5965 LISKA LANE
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Natalie Jones Unit 2c-105
Owner Type:	Other
Operator Name:	Natalie Jones Unit 2c-105
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230418
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

NATALIE JONES UNIT 2C-105 (Continued) **1027685882**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NATALIE JONES UNIT 2C-105	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5965 LISKA LANE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	916-459-8565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NATALIE JONES UNIT 2C-105	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5965 LISKA LANE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	916-459-8565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20230417
Handler Name: NATALIE JONES UNIT 2C-105	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C12 **GOLDRICH KEST C/O SANTA TERESA APTS** **RCRA NonGen / NLR** **1026715089**
South **5961 LISKA LANE #101** **CAC003103486**
< 1/8 **SAN JOSE, CA 95119**
0.116 mi.
612 ft. **Site 3 of 5 in cluster C**

Relative: **Lower**

Actual: **193 ft.**

RCRA Listings:

Date Form Received by Agency:	20210201
Handler Name:	Goldrich Kest C/O Santa Teresa Apts
Handler Address:	5961 LISKA LANE #101
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003103486
Contact Name:	MARIO MIER
Contact Address:	5961 LISKA LANE #101
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	MMIER@GOLDRICHKET.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich Kest C/O Santa Teresa Apts
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715089**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5961 LISKA LANE #101
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GOLDRICH KEST C/O SANTA TERESA APTS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-835-0830
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210201
Handler Name: GOLDRICH KEST C/O SANTA TERESA APTS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715089**

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B13 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S105799638**
SW **276 INTERNATIONAL CL** **HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95119**
0.124 mi.
653 ft. **Site 2 of 3 in cluster B**

Relative:
Lower

Actual:
192 ft.

CUPA SANTA CLARA:
Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 276 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.2400876
Longitude: -121.803083
Record ID: PR0401332
Facility ID: FA0269683

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 276 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.2400876
Longitude: -121.803083
Record ID: PR0401333
Facility ID: FA0269683

SAN JOSE HAZMAT:
Name: KAISER PERMANENTE (MEDICAL OFFICE)
Address: 276 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 407688
Class: Misc. Complex firms and labs

B14
SW
< 1/8
0.124 mi.
653 ft.

KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC
276 INTERNATIONAL CIR
SAN JOSE, CA 95119

Site 3 of 3 in cluster B

CERS HAZ WASTE
CERS

S121778243
N/A

Relative:
Lower

Actual:
192 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC
Address: 276 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41029
CERS ID: 10447246
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC
Address: 276 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41029
CERS ID: 10447246
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See report for 250 Hospital Parkway.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA

KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC (Continued) **S121778243**

Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader

KAISER PERMANENTE SAN JOSE MEDICAL CENTER FHC (Continued) **S121778243**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

D15 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S106916675**
West **258 INTERNATIONAL CL** **HAZMAT** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.134 mi.
710 ft. **Site 1 of 14 in cluster D**

Relative:
Lower

Actual:
192 ft.

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	258 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.2402759
Longitude:	-121.7994112
Record ID:	PR0401328
Facility ID:	FA0269681

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	258 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.2402759
Longitude:	-121.7994112
Record ID:	PR0401329
Facility ID:	FA0269681

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (SERVICE BLDG)
Address:	258 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	406400
Class:	Misc. Complex firms and labs

C16
South
1/8-1/4
0.140 mi.
739 ft.

GOLDRICH KEST C/O SANTA TERESA APTS
5931 LISKA LANE #205
SAN JOSE, CA 95119

Site 4 of 5 in cluster C

RCRA NonGen / NLR | **1026715711** | **CAC003104151**

Relative:
Lower

Actual:
193 ft.

RCRA Listings:

Date Form Received by Agency:	20210204
Handler Name:	Goldrich Kest C/O Santa Teresa Apts
Handler Address:	5931 LISKA LANE #205
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003104151
Contact Name:	MARIO MIER
Contact Address:	5931 LISKA LANE #205
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	MMIER@GOLDRICHKEST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich Kest C/O Santa Teresa Apts
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715711**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDRICH KEST C/O SANTA TERESA APTS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-835-0830
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIO MIER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5931 LISKA LANE #205
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210204
Handler Name:	GOLDRICH KEST C/O SANTA TERESA APTS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

GOLDRICH KEST C/O SANTA TERESA APTS (Continued) **1026715711**

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D17 **KAISER SERVICE BLDG** **UST** **U004348004**
West **256 INTERNATIONAL CIR** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.141 mi.
742 ft. **Site 2 of 14 in cluster D**

Relative: UST:
Lower
Actual:
192 ft.

Name:	KAISER SERVICE BLDG
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	406400
Permitting Agency:	SAN JOSE, CITY OF
CERSID:	Not reported
Latitude:	37.24041
Longitude:	-121.79991
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported

KAISER SERVICE BLDG (Continued) **U004348004**

Tank sacrificial anode: Not reported
Tank cp impressed current: Not reported
Tank cp shutoff: Not reported
Tank alarms: Not reported
Tank ball float: Not reported
Tank spill bucket: Not reported

D18 **KAISER PERMANENTE (OFFICE-PHONE CTR)** **HAZMAT** **S106779202**
West **256 INTERNATIONAL CL A** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.141 mi.
742 ft. **Site 3 of 14 in cluster D**

Relative:
Lower

Actual:
192 ft.

SAN JOSE HAZMAT:
Name: KAISER PERMANENTE (OFFICE-PHONE CTR)
Address: 256 INTERNATIONAL CL A
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 407678
Class: Misc. Complex firms and labs

D19 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **CERS HAZ WASTE** **S121741958**
West **256 INTERNATIONAL CIR** **CERS TANKS** **N/A**
1/8-1/4 **SAN JOSE, CA 95119** **CERS**
0.141 mi.
742 ft. **Site 4 of 14 in cluster D**

Relative:
Lower

Actual:
192 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address: 256 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127194
CERS ID: 10443271
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address: 256 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127194
CERS ID: 10443271
CERS Description: Underground Storage Tank

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address: 256 INTERNATIONAL CIR
City,State,Zip: SAN JOSE, CA 95119
Site ID: 127194
CERS ID: 10443271
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Violation Date: 01-24-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

	6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/09/2017. Facility failed to report UPS battery electrolyte. Volume at this location appeared to be equal to or more than most other locations that reported material over threshold amount (55 gallons).
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	127194
Site Name:	Kaiser Permanente San Jose Medical Center Call Center
Violation Date:	01-08-2015
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 06/09/2015. VISUAL INSPECTION PRECEDED TESTING OF SUMP AND THE PIPING DETERMINED THAT IT WAS UNABLE TO BE TESTED DUE TO CATASTROPHIC FAILURE. VACUUM TEST OF TANK, UNABLE TO CREATE VACUUM, UNABLE TO TEST.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127194
Site Name:	Kaiser Permanente San Jose Medical Center Call Center
Violation Date:	01-07-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 02/11/2016. Spill bucket was hydrostatically tested and observed a drop of liquid level. Technician suspects failure is at the drain valve and will clean it and re-test. The retest will not be witnessed by an inspector. If failure is caused by anything other than drain valve, a permit is required from our office to perform a repair.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127194
Site Name:	Kaiser Permanente San Jose Medical Center Call Center
Violation Date:	01-24-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 02/09/2017. Facility last submitted a complete hazardous materials business plan in CERS on 8-18-2014.
Violation Division:	Santa Clara County Environmental Health

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Violation Date: 12-18-2020
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/27/2021. Facility failed to have their Certification of Financial Responsibility witnessed or notarized.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-08-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE (256 iNTERNATIONAL) FOR 2015 UST SECONDARY CONTAINMENT TESTING (SB-989) KEEFE FIELDS, CHIEF ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW. STEVE REED, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL, ON SITE TO CONDUCT MON CERT TESTING ICC #8084355 EXP. 6/29/2015 FRANKLIN FUEL/INCON 154783703 4/9/2015 ONE 1,000 GALLON UST ONE SUMP, TWO PIPING RUNS, SUPPLY AND RETURN TO DAY TANK OF GENERATOR. NO DISPENSERS VISUAL INSPECTION PRECEDED TESTING OF SUMP IDENTIFIED CRACKS IN THE SUMP, UNABLE TO TEST, FAIL. VISUAL INSPECTION PRECEDED TESTING OF PIPING IDENTIFIED CRACKS IN THE PIPING, UNABLE TO TEST, FAIL. VACUUM TEST OF TANK, UNABLE TO CREATE VACUUM, UNABLE TO TEST, FAIL. NOTE: SUBMIT THE SECONDARY CONTAINMENT TESTING REPORT TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Diesel Battery Electrolyte
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site, 265 International, Kaiser, to observe re-testing of UST Secondary Containment Testing (SB-989) Keefe Fields, Chief Engineer, contact on site to facilitate access. keefe.fields@kp.org Saul Gonzalez, UST Service Tech, Belshire Environmental, lead conducting testing on the UST ICC 5254881, UST Serv Tech, exp. 10/25/2015,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Instal/Retrofit exp. 6/21/2015 Franklin Fueling - Incon -Level 4, Cert #7385133703, exp. June 17, 2016. UST Secondary Containment - Under Vac., 11 in. vac, >60 minutes, OK Product Piping, Under pressure, 5.3 psi, > 60 minutes, no drop observed. OK Sump, Lake Test, water. Incon accelerated test, 15 minutes. OK NOTE: submit the Secondary Containment Testing Report to this office within 30 days.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See report for 250 Hospital Parkway.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness the annual monitoring system certification and spill bucket testing performed by Mr. Jeff Badders (certifications current) of Belshire Environmental Services, Inc. Also present was Meng Yuan, Designated Operator, Belshire Environmental Services, Inc. UST system supplies a backup generator via suction to a day tank. The annular space and sumps are monitored by a Ronan X76S panel. The annular and sump sensors were tested in water and provided audible and visible alarms. Overfill protection is provided in the tank by a flapper valve in the fill riser. The spill bucket is direct buried was hydrostatically tested with the Incon Accelerated testing apparatus. Observed a passing test result printout. Reviewed DUSTO Monthly Reports, DUSTO Training records, testing reports and maintenance documentation. Tank and monitoring system information submitted to the California Environmental Reporting System (CERS) on 4/18/2017 is accurate as [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness the annual monitoring system certification and spill bucket testing performed by Mr. David Walker of Belshire Environmental Services, Inc. Mr. Walker has all required certifications (eg. ICC technician, Ronan) UST system supplies a backup generator via suction to a day tank. System performed as designed without exception. Reviewed documentation including: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. UST supplies fuel for an emergency generator. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. UST system uses mechanical overfill prevention valve as means of overfill prevention. 100% tank capacity = 1,009 gallons 95% tank capacity = 959 gallons or 43 1/8" Actual: 36" or 81% shut off. PASS Facility's last CERS submittal was 10/1/2020. DUSTO monthly reports, employee training documentation, and daily visual inspection checklists were reviewed and current. Submit a copy of the [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE (256 International Cir.) FOR 2015 UST MONITORING SYSTEM TEST AND CERTIFICATION, INCLUDING SPILL BUCKET TESTING. JIM , ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW DAVID WALKER, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL ICC 921973 1/2/2016 A-32030-IV 11/20/2016 RICARDO GUIDO, DUSTO, BELSHIRE ENVIRONMENTAL, ON SITE. ICC# 8248177, EXP 2/20/2016 RONAN MONITOR SYSTEM, SYSTEM SET-UP AND ALARM HISTORY NOT AVAILABLE. DUSTO MONTHLY REPORTS ON SITE, OK TRAINIG CONDUCTED AND RECORDED, OK CERS REVIEW, OK SPILL BUCKET TEST, IN SUMP, WATER TEST, 11" AT 11:48. ANNULAR SENSOR, AUDIO AND VISUAL ALARM, OK SUMP SENSOR, AUDIO AND VISUAL ALARM, OK NOTE: SUBMIT THE UST MONITORING SYSTEM CERTIFICATION TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/16/2021 and concluded today with delivery of this report UST supplies fuel for an emergency generator. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 12/4/2021. DUSTO monthly reports, employee training

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

documentation, and daily visual inspection checklists were reviewed and current. Submit a copy of the monitoring system certification, and spill bucket, inspection test report within 30 days of the test date.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by David Walker of Belshire Environmental Services and Mr. Walker has all required certifications to perform the testing. System performed as designed with no exceptions. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to perform an inspection of the underground storage tank system (UST) and witness the annual monitoring certification and spill bucket testing performed by David Walker with Belshire Environmental Services. Mr. Walker has all required certifications to perform the testing. Monitoring system performed as required. Observed a drop of water level while testing spill bucket. See violation. Reviewed the following paperwork: Operating Permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Setup Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Isaac Anderson of Alltech Petro. Mr. Anderson’s certifications were verified and current. UST supplies fuel for an emergency generator. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility’s last CERS submittal was 9/1/2022 DUSTO monthly reports, employee training documentation, and daily visual inspection checklists were reviewed and current. Submit a copy of the monitoring system certification and spill bucket test reports within 30 days of the test date.

Eval Division: Santa Clara County Environmental Health

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by Mark Riley of Belshire Environmental Services Inc. Mr. Riley does not have a current/valid Ronan certification required to test the system. The annular space and sumps are monitored by a Ronan X76S panel. UST system supplies a backup generator via suction to a day tank. Spill bucket tested for 1 hour. PASS. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records NOTE: Ensure a technician with appropriate certifications performs the annual monitoring certification within this calendar month of December 2018. Failure to test by this date will result in a violation.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to witness secondary containment testing with Jeff Badders of Belshire Environmental Services. Mr. Badder's, certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. Tank annular space was tested for at least 60 minutes with 10 inches of vacuum. Piping sump was hydrostatically tested using the INCON accelerated test method. Secondary piping was tested using 5 psi for at least 60 minutes. These components all passed secondary containment testing today. Submit a copy of the secondary containment test report to our office within 30 days of the test date.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 127194
Site Name: Kaiser Permanente San Jose Medical Center Call Center
Site Address: 256 INTERNATIONAL CIR
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 01-08-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Document Preparer
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin Street
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	RICARDO LLANAS
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7564,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	96412
Affiliation Phone:	(510) 271-5800,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S121741958**

Affiliation Address:	255 International Circle, Attn. Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	256 INTERNATIONAL CIRCLE
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95119
Affiliation Phone:	(408) 972-3000,

D20 **OUT OF BUSINESS (DUP TO 407678)** **HAZMAT** **S122499625**
West **256 INTERNATIONAL CL** **N/A**
1/8-1/4 **SAN JOSE, CA**
0.141 mi.
742 ft. **Site 5 of 14 in cluster D**

Relative: **Lower**

Actual: **192 ft.**

SAN JOSE HAZMAT:

Name:	OUT OF BUSINESS (DUP TO 407678)
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA
Region:	SAN JOSE
File Num:	495509
Class:	Misc. Complex firms and labs

D21 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **CUPA Listings** **S105990208**
West **256 INTERNATIONAL CL** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.141 mi.
742 ft. **Site 6 of 14 in cluster D**

Relative: **Lower**

Actual: **192 ft.**

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.240619
Longitude:	-121.800473
Record ID:	PR0395984
Facility ID:	FA0700503
Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **S105990208**

Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240619
Longitude:	-121.800473
Record ID:	PR0395985
Facility ID:	FA0700503

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089727000
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.240619
Longitude:	-121.800473
Record ID:	PR0415244
Facility ID:	FA0700503

D22 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CEN** **UST** **U004355304**
West **256 INTERNATIONAL CIR** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.141 mi.
742 ft. **Site 7 of 14 in cluster D**

Relative: UST:
Lower

Actual:
192 ft.

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	Not reported
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	Not reported
Latitude:	37.24049
Longitude:	-121.80046
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **U004355304**

Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER
Address:	256 INTERNATIONAL CIR
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0700503
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10443271
Latitude:	37.2404900
Longitude:	-121.800460
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	KAISER FOUNDATION HOSPITALS
Tank owner mailing address:	ONE KAISER PLAZA
Tank owner mailing city:	OAKLAND
Tank owner mailing zip:	94612
Tank owner mailing state:	CA
Tank operator name:	KAISER FOUNDATION HOSPITALS - ATTN: KEEFE FIELDS
Tank operator mailing address:	256 INTERNATIONAL CIRCLE
Tank operator mailing city:	SAN JOSE
Tank operator mailing zip:	95119
Tank operator mailing state:	CA
Tankidnumber:	INTERNATIONAL CIRCLE
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/23/1999 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	1000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Conventional Suction
Tank piping construction:	Double Walled

KAISER PERMANENTE SAN JOSE MEDICAL CENTER CALL CENTER (Continued) **U004355304**

Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

C23 **SANTA THERESA APTS.** **RCRA NonGen / NLR** **1026823380**
South **5929 LISKA LN.** **CAC003136378**
1/8-1/4 **SAN JOSE, CA 95119**
0.141 mi.
747 ft. **Site 5 of 5 in cluster C**

Relative: **Lower**

Actual: **193 ft.**

RCRA Listings:

Date Form Received by Agency:	20210827
Handler Name:	Santa Theresa Apts.
Handler Address:	5929 LISKA LN.
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003136378
Contact Name:	MARIO MIER
Contact Address:	5929 LISKA LN.
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-835-0830
Contact Fax:	Not reported
Contact Email:	LSMITH@RMC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5929 LISKA LN.
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Santa Theresa Apta.
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

SANTA THERESA APTS. (Continued) **1026823380**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210827
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5929 LISKA LN.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-835-0830
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANTA THERESA APTA.	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5929 LISKA LN.
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-835-0830
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210827
Handler Name: SANTA THERESA APTS.	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

SANTA THERESA APTS. (Continued) **1026823380**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E24 **SANTA TERESA** **RCRA NonGen / NLR** **1025864965**
SSW **6254 SANTA TERESA BLVD** **CAC003045812**
1/8-1/4 **SAN JOSE, CA 95119**
0.161 mi.
850 ft. **Site 1 of 5 in cluster E**

Relative:
Lower

Actual:
192 ft.

RCRA Listings:

Date Form Received by Agency:	20191204
Handler Name:	Santa Teresa
Handler Address:	6254 SANTA TERESA BLVD
Handler City,State,Zip:	SAN JOSE, CA 95119-1427
EPA ID:	CAC003045812
Contact Name:	SANTA TERESA
Contact Address:	6254 SANTA TERESA BLVD
Contact City,State,Zip:	SAN JOSE, CA 95119-1427
Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	JGONZALEZ@RMC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119-1427
Owner Name:	Santa Teresa
Owner Type:	Other
Operator Name:	Santa Teresa
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

SANTA TERESA (Continued) **1025864965**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191206
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANTA TERESA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119-1427
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: SANTA TERESA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

SANTA TERESA (Continued) **1025864965**

Owner/Operator Address: 6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1427
Owner/Operator Telephone: 408-385-5446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191204
Handler Name: SANTA TERESA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E25 **SANTA TERESA APARTMENTS** **RCRA NonGen / NLR** **1026161014**
SSW **6254 SANTA TERESA BLVD/ 3-B APT 203** **CAC003060994**
1/8-1/4 **SAN JOSE, CA 95119**
0.161 mi.
850 ft. **Site 2 of 5 in cluster E**

Relative: **Lower**

Actual: **192 ft.**

RCRA Listings:
Date Form Received by Agency: 20200323
Handler Name: Santa Teresa Apartments
Handler Address: 6254 SANTA TERESA BLVD/ 3-B APT 203
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003060994
Contact Name: MARIO MIER
Contact Address: 6254 SANTA TERESA BLVD/ 3-B APT 203
Contact City,State,Zip: SAN JOSE, CA 95119
Contact Telephone: 408-385-5446
Contact Fax: Not reported
Contact Email: MMIER@GLOLDRICHKEST.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

SANTA TERESA APARTMENTS (Continued) **1026161014**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD/ 3-B APT 203
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich & Kest C/O Santa Teresa
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200408
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported

SANTA TERESA APARTMENTS (Continued) **1026161014**

Date Ended Current: Not reported
Owner/Operator Address: 6254 SANTA TERESA BLVD/ 3-B APT 203
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-385-5446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOLDRICH & KEST C/O SANTA TERESA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2201 LAKESIDE BLVD STE 100
Owner/Operator City,State,Zip: RICHARDSON, TX 75082
Owner/Operator Telephone: 197-282-0300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200323
Handler Name: SANTA TERESA APARTMENTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E26 **GOLDRICH KEST** **RCRA NonGen / NLR** **1026714736**
SSW **6254 SANTA TERESA BLVD #210** **CAC003103118**
1/8-1/4 **SAN JOSE, CA 95119**
0.161 mi.
850 ft. **Site 3 of 5 in cluster E**

Relative: **Lower**
Actual: **192 ft.**

RCRA Listings:
Date Form Received by Agency: 20210128
Handler Name: Goldrich Kest
Handler Address: 6254 SANTA TERESA BLVD #210
Handler City,State,Zip: SAN JOSE, CA 95119

GOLDRICH KEST (Continued) **1026714736**

EPA ID:	CAC003103118
Contact Name:	MARIO MIER
Contact Address:	6254 SANTA TERESA BLVD #210
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-385-5446
Contact Fax:	Not reported
Contact Email:	MMIER@GOLDRICHKET.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD #210
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Goldrich Kest
Owner Type:	Other
Operator Name:	Mario Mier
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No

GOLDRICH KEST (Continued) **1026714736**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GOLDRICH KEST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD #210
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARIO MIER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD #210
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-385-5446
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210128
Handler Name: GOLDRICH KEST	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	531110
NAICS Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

GOLDRICH KEST (Continued) **1026714736**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E27 **SANTA TERESA APARTMENTS** **RCRA NonGen / NLR** **1024766063**
SSW **6254 SANTA TERESA BLVD** **CAC002985932**
1/8-1/4 **SAN JOSE, CA 95119**
0.161 mi.
850 ft. **Site 4 of 5 in cluster E**

Relative:
Lower

Actual:
192 ft.

RCRA Listings:

Date Form Received by Agency:	20181022
Handler Name:	Santa Teresa Apartments
Handler Address:	6254 SANTA TERESA BLVD
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC002985932
Contact Name:	GIL DE LA CRUZ
Contact Address:	6254 SANTA TERESA BLVD
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-217-1889
Contact Fax:	Not reported
Contact Email:	SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6254 SANTA TERESA BLVD
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Gil De La Cruz
Owner Type:	Other
Operator Name:	Gil De La Cruz
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

SANTA TERESA APARTMENTS (Continued) **1024766063**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GIL DE LA CRUZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-217-1889
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GIL DE LA CRUZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6254 SANTA TERESA BLVD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-217-1889
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181022
Handler Name: SANTA TERESA APARTMENTS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SANTA TERESA APARTMENTS (Continued) **1024766063**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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28 **GRIFFIN PROPERTY** **HIST CORTESE** **S103472966**
North **724 1ST** **N/A**
1/8-1/4 **SAN JOSE, CA 95113**
0.161 mi.
851 ft.

Relative: HIST CORTESE:
Lower
Actual: edr_fname: GRIFFIN PROPERTY
191 ft. edr_fadd1: 724 1ST
City,State,Zip: SAN JOSE, CA 95113
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-2268

F29 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **CUPA Listings** **S124745990**
WSW **250 HOSPITAL PY** **HWTS** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.167 mi.
883 ft. **Site 1 of 8 in cluster F**

Relative: CUPA SANTA CLARA:
Lower
Actual: Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
191 ft. Address: 250 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: LQ06
Program Description: GENERATES 5 TO <25 TONS/YR (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0313114
Facility ID: FA0208083

Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PY

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S124745990**

City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier: Not reported
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0395988
Facility ID: FA0208083

Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP05
Program Description: HMBP FACILITY, 16-21 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0395989
Facility ID: FA0208083

Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address: 250 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP09
Program Description: HMBP FAC, $152 FOR EACH ADDITIONAL 6 CHEMS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239314
Longitude: -121.800808
Record ID: PR0401459
Facility ID: FA0208083

HWTS:
Name: SANTA TERESA COMMUNITY HOSP
Address: 250 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAD981462633
Inactive Date: 06/30/1996
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 250 HOSPITAL PARKWAY
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951190000
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S124745990**

Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	INACTIVE PER VQ96 PER SANDRA
Contact Address:	K. MILLER
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.239333
Longitude:	-121.802879

F30 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **UST** **U004265027**
WSW **250 HOSPITAL PKWY** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.167 mi.
883 ft. **Site 2 of 8 in cluster F**

Relative: UST:
Lower

Actual:
191 ft.

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	FA0208083
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	10120171
Latitude:	37.2392050
Longitude:	-121.800699
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	KAISER FOUNDATION HOSPITALS
Tank owner mailing address:	ONE KAISER PLAZA
Tank owner mailing city:	OAKLAND
Tank owner mailing zip:	94612
Tank owner mailing state:	CA
Tank operator name:	Kaiser Foundation Hospitals - ATTN: Keefe Fields
Tank operator mailing address:	250 HOSPITAL PKWY.
Tank operator mailing city:	SAN JOSE
Tank operator mailing zip:	95119
Tank operator mailing state:	CA
Tankidnumber:	HOSPITAL PARKWAY
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/23/1999 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **U004265027**

Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	Not reported
Permitting Agency:	Santa Clara County Environmental Health
CERSID:	Not reported
Latitude:	37.239205
Longitude:	-121.800699
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

F31 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL** **CERS HAZ WASTE** **S121741960**
WSW **250 HOSPITAL PKWY** **CERS TANKS** **N/A**
1/8-1/4 **SAN JOSE, CA 95119** **CERS**
0.167 mi.
883 ft. **Site 3 of 8 in cluster F**

Relative:
Lower

Actual:
191 ft.

CERS HAZ WASTE:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127196
CERS ID:	10120171
CERS Description:	Hazardous Waste Generator

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127196
CERS ID:	10120171
CERS Description:	RCRA LQ HW Generator

CERS TANKS:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127196
CERS ID:	10120171
CERS Description:	Underground Storage Tank

CERS:

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	127196
CERS ID:	10120171
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	01-07-2016
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 02/11/2016. UST sumps have clam shells (used for secondary containment testing of piping) with an open valve stem in vertical 12 o'clock position that prevents the detection of a leak at the "earliest opportunity".
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-11-2018
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 01/21/2019. Overfill prevention equipment (flapper valve) was tested on 9-21-2018 and determined that the level it is set at doesn't provide restriction at 95% or less. Ensure UST system is equipped with functional and appropriately installed overfill prevention equipment.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-11-2018
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 01/24/2019. The following Designated Operator (DO) monthly reports have inaccurate or conflicting data: 12-3-18 Inspection - states overfill prevention equipment inspection was completed on 12-14-18 and has failed components. This inspection was performed on 9-21-18. 10-08-18 Inspection - states secondary containment testing was completed on 12-14-18 and has failing components. This inspection was performed on 12-14-17.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-18-2020
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/27/2021. Facility failed to have their

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

	Certification of Financial Responsibility witnessed or notarized.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description:	Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes:	Returned to compliance on 01/07/2016. Observed the following hazardous wastes disposed of illegally: Insulin Vials/injectors (Humulin N, Humulin R, Humolog, Novalog, Lantus Solo star) disposed of into the non-RCRA pharmaceutical/medical waste containers located in pharmacies throughout the hospital campus. 7 Nicotine patches (acutely hazardous waste P075) (14mg) disposed of in the non-RCRA pharmaceutical/medical waste container located in 260 One North pharmacy.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-18-2020
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 11/10/2021. Tank charts were obtained from Kaiser and used for the calculations. UST system uses mechanical overfill valve as means for overfill prevention. 100% tank capacity = 9,684 gallons 95% tank capacity = 9,199 gallons or 80 1/2" Actual: mechanical overfill prevention valve is set to shut off at 83 3/4"

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

	which exceeds the 95% maximum allowable limit.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 01/07/2016. The following containers of hazardous waste exceeded the one year accumulation time limit: RCRA pharmaceuticals container dated 10-14-14 in the family health pharmacy. RCRA pharmaceuticals containers (2) dated 3-10-14 at 280 Hospital Pkwy pharmacy. RCRA pharmaceuticals container dated 9-2-14 in the main hospital outpatient pharmacy
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description:	Failure of the universal waste handler to properly process accumulated universal waste within a maximum accumulation time of one year and /or demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received. The universal waste handler may make this demonstration by: 1) Placing the universal waste in a container and marking or labeling the container with the earliest date that any universal waste in the container became a waste or was received; 2) Marking or labeling the individual item of universal waste (e.g., each battery or thermostat) with the date it became a waste or was received; 3) Maintaining an inventory system onsite that identifies the date the universal waste being accumulated became a waste or was received; 4) Maintaining an inventory system onsite that identifies the earliest date that any universal waste in a group of items of universal waste or a group of containers of universal waste became a waste or was received; 5) Placing the universal waste in a specific accumulation area and marking or labeling the area to identify the earliest date that any universal waste in the area became a waste or was received; or 6) Any other method which clearly demonstrates the length of time that the universal waste has been accumulated from the date it became a waste or was received.
Violation Notes:	Returned to compliance on 01/07/2016. Observed throughout the hospital small amounts of used batteries stored beyond 1 year including 1xbucket of mixed batteries dated 12-1-2011 located in Two North Pharmacy. Do not accumulate for more than 1 year.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Violation Date:	01-23-2019
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to install a line leak detector (LLD).
Violation Notes:	Returned to compliance on 12/17/2019. Facility failed to install line leak detector to monitor underground pressurized piping.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-17-2021
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 05/19/2022. The generator side line leak detector was unable to detect a simulated 3.0 gph leak.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 01/07/2016. Observed approximately 1 dozen 1 gallon containers of paint in poor condition (severely rusted or degraded cans) stored in a flammable cabinet in the engineering/maintenance storage area.. Determine if this is waste and if it is waste whether it is hazardous waste. Manage accordingly.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)
Violation Description:	Failure of the universal waste handler to transfer universal waste to the appropriate designation facility.
Violation Notes:	Returned to compliance on 01/07/2016. Observed 1 mercury containing outdoor lamp in the trash near the engineering/maintenance waste storage area.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	49 CFR 1 172.201(e) - U.S. Code of Federal Regulations, Title 49, Chapter 1, Section(s) 172.201(e)
Violation Description:	Failure of the universal waste handler to properly package, label, mark, placard, or prepare and retain shipping papers for all universal waste being shipped to another universal waste handler, destination facility, or foreign facility.
Violation Notes:	Returned to compliance on 01/07/2016. Observed E-waste, batteries, and lamps co-mingled in 1x55 gal container and stored in an open drum actively being exposed to the rain.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	01-08-2015
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/22/2015. --- THE SPILL BUCKET HAS A STRUCTURAL BREAK AND IS NO LONGER ABLE TO HOLD LIQUID AS REQUIRED. SUBMIT A COMPLETE PERMIT APPLICATION TO REPLACE TO THIS OFFICE. SEE THE FOLLOWING LINK FOR GUIDELINES AND ADDITIONAL DETAILS; http://www.sccgov.org/sites/deh/HMCD/HazMat/HMDocs/Pages/Docs_Construction.aspx --
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-08-2015
Citation:	22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description:	Failure to properly label the following categories of universal waste as: 1) Each batteries or the container in which the batteries are contained as "Universal Waste-Battery(ies)". 2) Each mercury-containing equipment or the container in which the mercury-containing equipment is contained as "Universal Waste -Mercury-Containing Equipment". 3) Each Florescent lamp or the container or package in which the lamps are contained as "Universal Waste-Lamp(s)". 4) Each electronic devices or the container or pallet in or on which the electronic devices are contained as "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or pallet in or on which the CRTs are contained as "Universal Waste-CRT(s)". 6) A container of CRT glass shall be labeled or marked clearly with the following phrase: "Universal Waste-CRT glass". 7) In lieu of labeling individual electronic devices, CRTs, and/or containers of CRT glass pursuant to subsections d) through f) of this section, a universal waste handler may combine, package, and accumulate those universal wastes in appropriate containers or within a designated area

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

	demarcated by boundaries that are clearly labeled with the applicable portion(s) of the following phrase: "Universal Waste-Electronic Device(s)/Universal Waste - CRT(s)/Universal Waste-CRT Glass".
Violation Notes:	Returned to compliance on 01/07/2016. Observed chronic labeling issues throughout hospital campus. See some examples below: Universal Waste Storage Area: 1x55 gal blue drum of mixed universal waste solely identified as electronic waste. approximately 1 dozen containers of used fluorescent lamps - no marking or accumulation start date CRTs and electronic waste stored throughout the covered shed - no marking or accumulation start date 5th Floor Main Hospital: approximately a total of 50 lbs(between 3 containers) of alkaline batteries -no marking or accumulation start date
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-11-2018
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to install a line leak detector (LLD).
Violation Notes:	Returned to compliance on 03/28/2019. Underground storage tank (UST) with pressurized piping is not equipped with a line leak detector. Diesel in UST provides power to boilers in addition to the emergency generators. Facility was notified in inspection report dated 12-14-17 of the line leak detector requirement in addition to an email sent to Theophilus Little,Safety Leader, on 5-16-18.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-22-2016
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 01/23/2017. North STP sump has clamshells (used to facilitate secondary containment testing of piping) with an open valve stem in vertical 12 o'clock position that prevents the detection of a leak at the earliest opportunity. THIS IS A REPEAT VIOLATION FROM PREVIOUS INSPECTION ON 1-7-2016. CORRECTIONS WERE MADE TO SOUTH STP SUMP BUT NOT THE NORTH STP SUMP.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	127196
Site Name:	Kaiser Permanente San Jose Medical Center Hospital
Violation Date:	12-18-2020
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 03/03/2022. Facility does not have a current

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

permit to operate. Facility's permit expired on 10/31/2020 and they have not applied for permit renewal. Our office cannot renew the permit until the facility applies for renewal and are in compliance with financial responsibility requirements.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Violation Date: 12-08-2015
Citation: 22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description: Failure of the universal waste handler to initially train and provide annually, thereafter, all personnel who manage or who supervise those who manage universal wastes and to maintain a written record by date indicating the names of personnel who received the information. The universal waste handler shall maintain these records for at least three years from the date the person last managed any universal waste at the facility. This training shall include: 1) The types and hazards associated with the universal waste that personnel may manage at the facility; 2) The proper disposition of universal wastes managed at the facility; 3) The proper procedures for responding to releases of universal wastes including the position titles and the means of contacting those personnel at the facility who are designated to respond to reports of releases and/or to respond to questions received from other personnel at the facility; and 4) The applicable requirements of universal waste regarding labeling, collecting, handling, consolidating, and shipping universal wastes at the facility, including, but not limited to, the prohibition on the disposal of universal wastes, and for personnel involved in shipping universal wastes who are hazmat employees .
Violation Notes: Returned to compliance on 01/07/2016. Due to the number and type of violations, facility personnel are not adequately trained on the management of universal wastes.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE (250 HOSPITAL PKWY) FOR 2015 UST SECONDARY CONTAINMENT TESTING (SB-989) KEEFE FIELDS, CHIEF ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW. STEVE REED, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL, ON SITE TO CONDUCT MON CERT TESTING ICC #8084355 EXP. 6/29/2015 FRANKLIN FUEL/INCON 154783703 4/9/2015 ONE 10,000 GALLON UST TWO STP SUMPS, FOUR PIPING RUNS, SUPPLY AND RETURN TO DAY BELLY TANKS OF GENERATORS, AND SUPPLY AND RETURN TO BOILER UNITS. NO DISPENSERS INCON ACCELERATED TESTING OF SUMP WATER TESTS, PASS, OK PRESSURE TEST OF PIPING, 5 PSI, 30 MINUTES, NO DROP OBSERVED, OK VACUUM TEST OF TANK, 10 In Hg, 60 MINUTES, OK NOTE: SUBMIT THE SECONDARY CONTAINMENT TESTING REPORT TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Polyphosphates Sulfites Acid Glutaraldehyde Cyclohexamine Propane Freon Diesel Nitrogen Argon Liquid Oxygen Medical COmpressed Air Nitrous Oxide
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. KAISER HOSPITAL (OSPD-1); CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-27-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON SITE TO WITNESS THE PRIMARY SUPPLY FUEL LINES TO BOILERS NOTE: THIS TEST IS AN ANNUAL REQUIREMENT IN-LUE OF A LINE LEAK DETECTION SYSTEM AND ANNUAL FUNCTIONAL TEST. KEEFE FIELDS ON SITE TO ALLOW ACCESS TO SYSTEM FELIX RAMIREZ, AFORDATEST, ON SITE TO CONDUCT TEST ICC 5273934 EXP. 12/6/2014 SIMPLE HEAD PRESSURE TEST ON STEEL DIESEL LINE, ALL VALVES SHUT TO DAY TANKS. T-1, 50 PSI, T-1 PLUS 30 MINUTES, SAME, NO DROP IN PRESSURE, PASS NOTE: SUBMIT A REPORT DETAILING THIS ACTIVITY TO THIS OFFICE, C/O ANDREW DYER, WITHIN 30 DAYS FROM TODAY. NOTE: CONSIDER ALIGNING THIS PIPE PRESSURE TEST WITH THE 2014 UST MONITORING CERTIFICATION TEST.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Isaac Anderson of Alltech Petro. Mr. Anderson’s certifications were verified and current. UST supplies emergency generators and boilers. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. Electronic line leak detectors were tested and gross line fail was observed on the Franklin Fueling Monitoring Panel. The ball valve was opened before

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

conducting this test. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 9/1/2022 DUSTO monthly reports and employee training documentation was reviewed and current. Submit a copy of the monitoring system certification and spill bucket test reports within 30 days of the test date.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by Mark Riley of Belshire Environmental Services Inc. Mr. Walker has all required certifications to perform the testing (eg. ICC, Veeder-Root Tech). UST supplies emergency generators and boilers that are required for emergency operation of the Hospital. System performed as designed with the exception noted in violation field. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to witness secondary containment testing with Jeff Badders of Belshire Environmental Services. Mr. Badder's, certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. Tank annular space was tested for at least 60 minutes with 10 inches of vacuum. Generator STP sump was hydrostatically tested using the INCON accelerated test method. Boiler STP sump was hydrostatically tested using the INCON accelerated test method. Generator Line A was tested using 5 psi for at least 60 minutes. Generator Line B was tested using 5 psi for at least 60 minutes. Boiler Line A was tested using 5 psi for at least 60 minutes. Boiler Line B was tested using 5 psi for at least 60 minutes. These components all passed secondary containment testing today. Submit a copy of the secondary containment test report to our office within 30 days of the test date.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE (250 HOSPITAL PKWY) FOR 2015 UST MONITORING SYSTEM TEST AND CERTIFICATION, INCLUDING SPILL BUCKET TESTING. KEEFE FIELDS, CHIEF

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

ENGINEER, KAISER PERM, ON SITE TO PROVIDE ACCESS AND RECORDS REVIEW DAVID WALKER, UST SERVICE TECH, BELSHIRE ENVIRONMENTAL ICC 921973, EXP. 1/2/2016 VEEDER-ROOT, A-32030-LEVEL IV, EXP. 11/20/2016 RICARDO GUIDO, DUSTO, BELSHIRE ENVIRONMENTAL, ON SITE. ICC# 8248177, EXP 2/20/2016 SYSTEM SET-UP AND ALARM HISTORY SUMP SENSORS WERE IN ALARM IN DECEMBER 2014. SUMP TOPS ARE NOT WATER TIGHT. LEAKING DURING RAINS BOILER PAN ALARMS IN DECEMBER 2014 WERE RELATED TO BOILER CONSTRUCTION. DUSTO MONTHLY REPORTS ON SITE, OK TRAINIG CONDUCTED AND RECORDED, OK CERS REVIEW, "No" Visual Inspection Records 13.0191, THIS SHOULD BE YES MONITORING PLAN DOES NOT SHOW VR-420 IN NORTH STP SUMP, OR THE VEEDER-ROOT SENSORS USED THROUGHOUT THE ABOVEGROUND SECTION OF THE FUEL PIPE SECONDARY SYSTEM. SPILL BUCKET (1) - WATER [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-23-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Non-inspection related violation: 23 CCR 2636(f)(2) - Failure to install line leak detector to monitor underground pressurized piping. Greg Breshears

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-16-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to oversee the annual line tightness test. Testing was conducted on 09/15/2022 and inspection report was issued today. Testing was conducted by; Isaac Anderson with AlltechPetro. Mr. Anderson had the following certifications; Hasstech Certification# 4717 LTN exp., 03/01/2024; SWRCB Tank Tester License #09-1749 exp., 11/30/2024; and ICC-UST Technician # 8146912 exp., 09/2022. The following components were tested and passed as part of this inspection; - Primary Boiler Line tested @ 50.0 p.s.i for 30 minutes @ 0.065 p.s.i - Generator line tested @ 50.0 p.s.i for 60 minutes @ 0.08 p.s.i * Both lines passed test and the lines were observed to go down to normal operation pressure. Note; 1) Within 30 days provide to our office a copy of today’s test report.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Observed annual line tightness tests performed by Mr. Chad White (certifications current) of AlltechPetro. UST supplies fuel to backup generators and boilers for the facility. Lines were isolated in the sumps and at each termination point (generator or boiler). Lines were pressurized to 50 psi and no loss was detected. Ensure the test report is available for review at your next Annual Monitoring System

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Certification.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Walk-through and a partial paperwork review occurred on December 3rd, 2015. Inspection today consisted of completion of paperwork review and presentation of inspection report. Kaiser recently switched reverse distributor for creditable pharmaceuticals and now uses Inmar. Inspected the following areas of the Kaiser Permanente Santa Teresa Campus: 260 One North (Pharmacy) 270 Two North (Oncology, Gastroenterology, Pharmacy) 276 Four North (Injection Clinic, Pharmacy) 280 Hospital Parkway (Pharmacy) Maintenance/Engineernig area E-waste storage area Main Hospital Building: 7th Floor Telemetry 6th Floor Med Surge 5th Floor Med Surge 4th Floor Med Surge 3rd Floor Med Surge Lobby Floor Clinical Lab, Pathology Lab, Inpatient & Outpatient Pharmacy Emergency Room Waste Storage Area Note 1: The following minor violations were corrected at time of inspection: Approximately 5 gallons worth of "expired wright's gram stain" - no marking - main waste storage [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to perform an inspection of the underground storage tank system (UST) and witness the annual monitoring certification and spill bucket testing performed by David Walker with Belshire Environmental Services. Mr. Walker has all required certifications to perform the testing. Monitoring system performed as required with the exception of what is noted in the violation T120. Spill bucket held water for over 1 hour with no loss observed. Reviewed the following paperwork: Operating Permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Setup Alarm History Note 1: Per alarm history, L-18 was not tested or adequately tested in 1-8-2015 monitoring certification. Note2 : Veeder Root TLS panel has approximately 22 sensors performing leak monitoring. With the exception of the annular space sensor and piping sump sensors, other sensors currently connected to the veeder-Root panel are not required [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ONSITE TO WITNESS THE ANNUAL PIPING LINE TIGHTNESS TEST BY UST SERVICE TECHNICIAN ISAAC ANDERSON OF ALLTECH PETRO. MR. ANDERSON HAS THE

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

FOLLOWING CURRENT CERTIFICATIONS: ICC UST SERVICE TECHNICIAN (EXP. 06/22/2016), CALIFORNIA LICENSED TANK TESTER (EXP. 6/30/2015) AND HASSTECH ACURITE PIPELINE TESTER (EXP. 02/24/2016). THE TWO PRIMARY PIPING RUNS WERE PRESSURE TESTED WITH NITROGEN GAS AT 50 PSI FOR 30 MINUTES USING THE ACURITE PIPELINE TESTER: - PIPING RUN FROM UST TO GENERATORS TEST RESULTS = PASS. - PIPING RUN FROM UST TO BOILERS TEST RESULTS = PASS. SUBMIT A COPY OF THE COMPLETED TEST REPORT WITHIN 30 DAYS.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by David Walker of Belshire Environmental Services Inc. Mr. Walker has all required certifications to perform the testing (eg. ICC, Veeder-Root Tech, VMI tester, Incon level 5). UST supplies emergency generators and boilers. Line leak detectors (LLD) recently installed were tested. LLD for emergency generator provides alarm. LLD for boiler provides turbine shutdown. System performed as designed without exception. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily's certifications were verified and current. Inspection began on 12/16/2021 and concluded today with delivery of this report. UST supplies emergency generators and boilers. Line leak detectors (LLD) installed were tested. LLD for boiler provides turbine shutdown. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 12/4/2021. DUSTO monthly reports and employee training documentation was reviewed and current. Submit a copy of the monitoring system certification, and spill bucket, inspection test report within 30 days of the test date.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2014
Violations Found: No

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Eval Type: Routine done by local agency
Eval Notes: ON SITE FOR 2014 UST MONITORING CERTIFICATION BELSHIRE ENVIRONMENTAL SERVICES ON SITE TO CONDUCT TESTING CRISTINA PENA, DUSTO FOR THIS LOCATION ON SITE JEFF BADDERS, FIELD TECH, ON SITE AS ICC CA UST SERVICE TECH. ICC# 5252456, EXP. 8/31/2015, VEEDER-ROOT TECH #A20392, EXP. 12/30/2014. ONE SPILL BUCKET, FILLED TO 1.5 INCH FROM TOP, NO DROP, OK SYSTEM SETUP, ALARM HISTORY, PROVIDED ONE SPLIT TANK, T-1, L-3 - SOUTH PIPING SUMP - A AND V ALARM AND PRINTOUT, OK L-4 - NORTH PIPING SUMP - A AND V ALARM AND PRINTOUT, OK L-5 - UST ANNULAR SPACE - A AND V ALARM AND PRINTOUT, OK L-6 - PIPE LEAK RETURN - A AND V ALARM AND PRINTOUT, OK L-8 - BOILER 3 PAN - A AND V ALARM AND PRINTOUT, OK NOTE: THIS SYSTEM HAS NON-VEEDER-ROOT SENSORS, INSPECTOR TO CONDUCT RESEARCH TO IDENTIFY WHERE THESE ARE OK AND WHERE THEY ARE NOT APPROVED FOR USE, I.E. UST PIPING SYSTEM MONITORING POINTS. L-9 - GEN 1 SUPPLY PIPE- NOT AN APPROVED SENSOR, V-50, - A AND V ALARM AND [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness the annual monitoring system certification performed by Mr. Jeff Badders (certifications current) of Belshire Environmental Services, Inc. Also present was Meng Yuan, Designated Operator, Belshire Environmental Services, Inc. Facility is a hospital and the UST supplies emergency generators and boilers that are required for emergency operation of the Hospital. The annular space, piping and sumps are monitored by a Veeder-Root (VR) TLS-350 panel. The annular, piping and sump sensors were tested in water and provided audible and visible alarms. Product lines are tightness tested annually. Overfill protection is provided in the tank by a flapper valve in the fill riser. The spill bucket is direct buried was hydrostatically tested with the Incon Accelerated testing apparatus during the SB989 secondary containment testing performed last week. Observed the passing test result printout. Reviewed DUSTO Monthly Reports, DUSTO Training records, [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification with Mark Reily of Belshire Environmental Services. Mr. Reily’s certifications were verified and current. Inspection began on 12/17/2020 and concluded today with delivery of this report. UST supplies emergency generators and boilers. Line leak detectors (LLD) recently installed were tested. LLD for emergency generator provides alarm. LLD for boiler provides turbine shutdown. Sensors were tested per Veeder-Root instructions using water and triggered audible and visual Fuel Alarms on the TLS-350 console. The UST fill spill bucket was hydrostatically tested today for 1 hour in accordance with 23 CCR 2637.1 and the

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

PEI/RP1200-17 industry standard and passed. Facility's last CERS submittal was 8/18/2020. DUSTO monthly reports and employee training documentation was reviewed and current. Submit a copy of the monitoring system certification, spill bucket, and overfill prevention inspection test report [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness annual monitoring certification, spilll bucket testing, and to perform an inspection of the underground storage tank system. Testing performed by David Walker of Belshire Environmental Services and Mr. Walker has all required certifications to perform the testing. System performed as designed with the exception noted in violation field. Reviewed the following paperwork: Operating permit Monitoring Plan Response Plan Dusto Agreement Financial Responsibility Monthly DO Reports Training Records System Set-up and Alarm History

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 127196
Site Name: Kaiser Permanente San Jose Medical Center Hospital
Site Address: 250 HOSPITAL PKWY
Site City: SAN JOSE
Site Zip: 95119
Enf Action Date: 01-08-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 127196
Facility Name: Kaiser Permanente San Jose Medical Center Hospital
Env Int Type Code: HWG
Program ID: 10120171
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.239340
Longitude: -121.800200

Affiliation:
Affiliation Type Desc: UST Permit Applicant
Entity Name: RICARDO LLANAS
Entity Title: CHIEF ENGINEER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7564,

Affiliation Type Desc: Environmental Contact
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: 255 International Circle. Attn Safety
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 255 International Circle
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: ONE KAISER PLAZA
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Kaiser Foundation Hospitals - ATTN: Keefe Fields
Entity Title:	Not reported
Affiliation Address:	250 HOSPITAL PKWY.
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95119
Affiliation Phone:	(408) 972-7111,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER HOSPITAL (Continued) **S121741960**

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,

F32 **KAISER PERMANENTE (HOSPITAL)** **SWEEPS UST** **S105419767**
WSW **250 HOSPITAL PY HIRISE** **HAZMAT** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.167 mi.
883 ft. **Site 4 of 8 in cluster F**

Relative: SWEEPS UST:
Lower

Actual:
191 ft.

Name:	SANTA TERESA COMM HOSPITAL
Address:	250 HOSPITAL PY
City:	SAN JOSE
Status:	Active
Comp Number:	403211
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-403211-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	SANTA TERESA COMM HOSPITAL
Address:	250 HOSPITAL PY
City:	SAN JOSE
Status:	Active
Comp Number:	403211
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-403211-000002
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

KAISER PERMANENTE (HOSPITAL) (Continued) **S105419767**

SAN JOSE HAZMAT:
Name: KAISER PERMANENTE (HOSPITAL)
Address: 250 HOSPITAL PY HIRISE
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 403211
Class: Misc. Complex firms and labs

F33 **KAISER PERMANENTE MEDICAL CENTER SANTA TERESA** **RCRA-LQG** **1000395439**
WSW **250 HOSPITAL PKWY** **HIST UST** **CAD082903642**
1/8-1/4 **SAN JOSE, CA 95119** **FINDS**
0.167 mi. **ECHO**
883 ft. **Site 5 of 8 in cluster F** **EMI**
CERS

Relative:
Lower

Actual:
191 ft.

RCRA Listings:

Date Form Received by Agency:	20220301
Handler Name:	Kaiser Permanente San Jose
Handler Address:	HOSPITAL PARKWAY
Handler City,State,Zip:	SAN JOSE, CA 95119-0000
EPA ID:	CAD082903642
Contact Name:	MATTHEW HURAY
Contact Address:	HARRISON
Contact City,State,Zip:	OAKLAND, CA 94612
Contact Telephone:	301-452-0442
Contact Fax:	Not reported
Contact Email:	MATTHEW.J.HURAY@KP.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	HARRISON STREET
Mailing City,State,Zip:	OAKLAND, CA 94612
Owner Name:	Kaiser Foundation Hospitals
Owner Type:	Private
Operator Name:	Kaiser Foundation Hospitals
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220610
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D033
Waste Description:	Hexachlorobutadiene
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	P001

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P042
Waste Description:	1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine
Waste Code:	P046
Waste Description:	Alpha,Alpha-Dimethylphenethylamine (Or) Benzeneethanamine, Alpha, Alpha-Dimethyl-
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	P081
Waste Description:	1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)
Waste Code:	P188
Waste Description:	Benzoic Acid, 2-Hydroxy-, Compd. With (3as-Cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-Trimethylpyrrolo[2,3-B]Indol-5-Yl Methylcarbamate Ester (1:1) (Or) Physostigmine Salicylate
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U010
Waste Description:	Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C
Waste Code:	U011
Waste Description:	1h-1,2,4-Triazol-3-Amine (Or) Amitrole
Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U048
Waste Description:	O-Chlorophenol (Or) Phenol, 2-Chloro-
Waste Code:	U058
Waste Description:	2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide
Waste Code:	U089
Waste Description:	Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-
Waste Code:	U122
Waste Description:	Formaldehyde
Waste Code:	U129

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U182
Waste Description: 1,3,5-Trioxane, 2,4,6-Trimethyl- (Or) Paraldehyde

Waste Code: U188
Waste Description: Phenol

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U237
Waste Description: 2,4-(1h,3h)-Pyrimidinedione, 5-[Bis(2-Chloroethyl)Amino]- (Or) Uracil Mustard

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U248
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITAL
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: 950 FRANKLIN ST
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN
Legal Status: Private
Date Became Current: 19761202
Date Ended Current: Not reported
Owner/Operator Address: 1950 FRANKLIN STREET
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19720101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN
Legal Status: Private
Date Became Current: 19761202
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19741231
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHAEL.D.GONZALEZ@KP.ORG

Historic Generators:
Receive Date: 20180905
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200318
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220301
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800715
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220224
Handler Name: KAISER PERMANENTE SAN JOSE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900412
Handler Name: SANTA TERESA COMMUNITY HOSPITAL

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920330
Handler Name: SANTA TERESA COMMUNITY HOSPITA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: SANTA TERESA COMM HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960401
Handler Name: SANTA TERESA COMMUNITY HOSPITAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: KAISER PERMANENTE MED CTR, SANTA TERESA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: KAISER PERMANENTE MED CTR, SANTA TERESA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020208
Handler Name: KAISER PERMANENTE MEDICAL CTR - SANTA TE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040226
Handler Name: KAISER PERMANENTE SANTA TERESA MED CTR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060228
Handler Name: KAISER SANTA TERESA MEDICAL CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

List of NAICS Codes and Descriptions:

NAICS Code:	621491
NAICS Description:	HMO MEDICAL CENTERS
NAICS Code:	62211
NAICS Description:	GENERAL MEDICAL AND SURGICAL HOSPITALS
NAICS Code:	62221
NAICS Description:	PSYCHIATRIC AND SUBSTANCE ABUSE HOSPITALS
NAICS Code:	62231
NAICS Description:	SPECIALTY (EXCEPT PSYCHIATRIC AND SUBSTANCE ABUSE) HOSPITALS

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19941116
Actual Return to Compliance Date:	19950308
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19941116
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19950308
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HIST UST:

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000007126
Facility Type:	Other
Other Type:	HOSPITAL
Contact Name:	Not reported
Telephone:	4089727000
Owner Name:	KAISER FOUNDATION HOSPITALS
Owner Address:	1924 BROADWAY
Owner City,St,Zip:	OAKLAND, CA 95406
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

FINDS:

Registry ID: 110000831253

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000395439
Registry ID:	110000831253
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000831253
Name:	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119

EMI:

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2000
County Code:	43

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

City,State,Zip:	SAN JOSE, CA 95119
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.032
Reactive Organic Gases Tons/Yr:	0.0234689
Carbon Monoxide Emissions Tons/Yr:	0.111
NOX - Oxides of Nitrogen Tons/Yr:	0.342
SOX - Oxides of Sulphur Tons/Yr:	0.005
Particulate Matter Tons/Yr:	0.027
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.026448

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.032
Reactive Organic Gases Tons/Yr:	.0234689
Carbon Monoxide Emissions Tons/Yr:	.11
NOX - Oxides of Nitrogen Tons/Yr:	.33
SOX - Oxides of Sulphur Tons/Yr:	.005
Particulate Matter Tons/Yr:	.024
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.02352

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Name:	SANTA TERESA COMMUNITY HOSPITA
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2006
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.026
Reactive Organic Gases Tons/Yr:	.0184487
Carbon Monoxide Emissions Tons/Yr:	.083
NOX - Oxides of Nitrogen Tons/Yr:	.211
SOX - Oxides of Sulphur Tons/Yr:	.003
Particulate Matter Tons/Yr:	.014
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.01376

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 953550000
Year:	2007
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.03
Reactive Organic Gases Tons/Yr:	.0217955
Carbon Monoxide Emissions Tons/Yr:	.091
NOX - Oxides of Nitrogen Tons/Yr:	.249
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.015712

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.058
Reactive Organic Gases Tons/Yr:	.0381766
Carbon Monoxide Emissions Tons/Yr:	.12
NOX - Oxides of Nitrogen Tons/Yr:	.423
SOX - Oxides of Sulphur Tons/Yr:	.002

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Particulate Matter Tons/Yr: .031
Part. Matter 10 Micrometers and Smllr Tons/Yr: .030688

Name: KAISER PERMANENTE SAN JOSE MED
Address: 250 HOSPITAL PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Year: 2009
County Code: 43
Air Basin: SF
Facility ID: 3919
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5.1999999999999998E-2
Reactive Organic Gases Tons/Yr: 3.3570900000000001E-2
Carbon Monoxide Emissions Tons/Yr: 0.12
NOX - Oxides of Nitrogen Tons/Yr: 0.42799999999999999
SOX - Oxides of Sulphur Tons/Yr: 0.002
Particulate Matter Tons/Yr: 2.9295081967213098E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 2.9000000000000001E-2

Name: KAISER PERMANENTE SAN JOSE MED
Address: 250 HOSPITAL PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Year: 2010
County Code: 43
Air Basin: SF
Facility ID: 3919
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.055
Reactive Organic Gases Tons/Yr: 3.4008499999999997E-2
Carbon Monoxide Emissions Tons/Yr: 0.13200000000000001
NOX - Oxides of Nitrogen Tons/Yr: 0.44400000000000001
SOX - Oxides of Sulphur Tons/Yr: 0.002
Particulate Matter Tons/Yr: 3.4319672131147498E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 3.4000000000000002E-2

Name: KAISER PERMANENTE SAN JOSE MED
Address: 250 HOSPITAL PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Year: 2011
County Code: 43
Air Basin: SF
Facility ID: 3919
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.176
Reactive Organic Gases Tons/Yr: 0.0863382

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Carbon Monoxide Emissions Tons/Yr:	0.479
NOX - Oxides of Nitrogen Tons/Yr:	1.366
SOX - Oxides of Sulphur Tons/Yr:	0.01
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2012
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.603
Reactive Organic Gases Tons/Yr:	0.2657846
Carbon Monoxide Emissions Tons/Yr:	1.761
NOX - Oxides of Nitrogen Tons/Yr:	4.714
SOX - Oxides of Sulphur Tons/Yr:	0.046
Particulate Matter Tons/Yr:	0.44241803279
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.442

Name:	KAISER PERMANENTE SAN JOSE MED
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2013
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.622
Reactive Organic Gases Tons/Yr:	0.2816819
Carbon Monoxide Emissions Tons/Yr:	1.812
NOX - Oxides of Nitrogen Tons/Yr:	4.936
SOX - Oxides of Sulphur Tons/Yr:	0.046
Particulate Matter Tons/Yr:	0.459
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.457

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.621775628
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1.812531132
NOX - Oxides of Nitrogen Tons/Yr:	4.936703458
SOX - Oxides of Sulphur Tons/Yr:	0.045286007
Particulate Matter Tons/Yr:	0.461410783
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.460015809

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.349254184
Reactive Organic Gases Tons/Yr:	0.266352439
Carbon Monoxide Emissions Tons/Yr:	1.606813155
NOX - Oxides of Nitrogen Tons/Yr:	0.265341801
SOX - Oxides of Sulphur Tons/Yr:	0.024553333
Particulate Matter Tons/Yr:	0.134938101
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.134718964

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2016
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.349254151
Reactive Organic Gases Tons/Yr:	0.16335036158
Carbon Monoxide Emissions Tons/Yr:	1.606813506
NOX - Oxides of Nitrogen Tons/Yr:	0.265341792
SOX - Oxides of Sulphur Tons/Yr:	0.024553333
Particulate Matter Tons/Yr:	0.134938148
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.134719011

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.11607246
Reactive Organic Gases Tons/Yr:	0.058859125532
Carbon Monoxide Emissions Tons/Yr:	0.49342868
NOX - Oxides of Nitrogen Tons/Yr:	0.145627553
SOX - Oxides of Sulphur Tons/Yr:	0.007393387
Particulate Matter Tons/Yr:	0.041204264
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.041094137

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.116149482
Reactive Organic Gases Tons/Yr:	0.0588981826
Carbon Monoxide Emissions Tons/Yr:	0.493756098
NOX - Oxides of Nitrogen Tons/Yr:	0.145724184
SOX - Oxides of Sulphur Tons/Yr:	0.007398294
Particulate Matter Tons/Yr:	0.041231604
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.041121403

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.116149482
Reactive Organic Gases Tons/Yr:	0.0588981826
Carbon Monoxide Emissions Tons/Yr:	0.493756098
NOX - Oxides of Nitrogen Tons/Yr:	0.145724184
SOX - Oxides of Sulphur Tons/Yr:	0.007398294
Particulate Matter Tons/Yr:	0.041231604
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.041121403

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2020
County Code:	43

KAISER PERMANENTE MEDICAL CENTER SANTA TERESA (Continued) **1000395439**

Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.107211555
Reactive Organic Gases Tons/Yr:	0.053520977707
Carbon Monoxide Emissions Tons/Yr:	0.460634722
NOX - Oxides of Nitrogen Tons/Yr:	0.122001205
SOX - Oxides of Sulphur Tons/Yr:	0.006941713
Particulate Matter Tons/Yr:	0.038124639
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.038044785

Name:	KAISER PERMANENTE SAN JOSE MEDICAL CENTER
Address:	250 HOSPITAL PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	3919
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.150124556
Reactive Organic Gases Tons/Yr:	0.085484580956
Carbon Monoxide Emissions Tons/Yr:	0.583244119
NOX - Oxides of Nitrogen Tons/Yr:	0.426734433
SOX - Oxides of Sulphur Tons/Yr:	0.008012106
Particulate Matter Tons/Yr:	0.054925227
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.054376935

CERS:

Name:	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA
Address:	250 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	475324
CERS ID:	110000831253
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	CHRISTINE T WOLTER
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

34
SSE
1/8-1/4
0.170 mi.
900 ft.

VTA SANTA TERESA LIGHT RAIL STATION
6340 SANTA TERESA BLVD
SAN JOSE, CA 95119

RCRA NonGen / NLR

1027213171
CAC003177730

Relative:
Lower

Actual:
194 ft.

RCRA Listings:

Date Form Received by Agency:	20220524
Handler Name:	Vta Santa Teresa Light Rail Station
Handler Address:	6340 SANTA TERESA BLVD
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003177730
Contact Name:	LYNDSEY FUJII
Contact Address:	3331 N FIRST ST
Contact City,State,Zip:	SAN JOSE, CA 95134
Contact Telephone:	408-546-7740
Contact Fax:	Not reported
Contact Email:	LYNDSEY.FUJII@VTA.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3331 N FIRST ST
Mailing City,State,Zip:	SAN JOSE, CA 95134
Owner Name:	Valley Transportation Authority
Owner Type:	Other
Operator Name:	Lyndsey Fujii
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

VTA SANTA TERESA LIGHT RAIL STATION (Continued) **1027213171**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220525
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LYNDSEY FUJII
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3331 N FIRST ST
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134
Owner/Operator Telephone:	408-546-7740
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VALLEY TRANSPORTATION AUTHORITY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3331 N FIRST ST
Owner/Operator City,State,Zip:	SAN JOSE, CA 95134
Owner/Operator Telephone:	408-546-7740
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220524
Handler Name:	VTA SANTA TERESA LIGHT RAIL STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

VTA SANTA TERESA LIGHT RAIL STATION (Continued) **1027213171**

List of NAICS Codes and Descriptions:
NAICS Code: 54162
NAICS Description: ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D35 West 1/8-1/4 0.177 mi. 937 ft. **KAISER FOUNDATION HOSPITAL** **RCRA NonGen / NLR** **1026475762**
275 HOSPITAL PARKWAY **CAC003081528**
SAN JOSE, CA 95119

Site 8 of 14 in cluster D

Relative: Lower
Actual: 192 ft.

RCRA Listings:

Date Form Received by Agency:	20200828
Handler Name:	Kaiser Foundation Hospital
Handler Address:	275 HOSPITAL PARKWAY
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003081528
Contact Name:	BEN NGUYEN
Contact Address:	950 FRANKLIN STREET
Contact City,State,Zip:	OAKLAND, CA 94612
Contact Telephone:	408-972-7405
Contact Fax:	Not reported
Contact Email:	ARIANAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	950 FRANKLIN STREET
Mailing City,State,Zip:	OAKLAND, CA 94612
Owner Name:	Kaiser Foundation Hospital
Owner Type:	Other
Operator Name:	Ben Nguyen
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

KAISER FOUNDATION HOSPITAL (Continued) **1026475762**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200904
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITAL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	950 FRANKLIN STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	408-972-7405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BEN NGUYEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	950 FRANKLIN STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	408-972-7405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAISER FOUNDATION HOSPITAL (Continued) **1026475762**

Historic Generators:
Receive Date: 20200828
Handler Name: KAISER FOUNDATION HOSPITAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D36 **SPRINT # SF606XC835** **HAZMAT** **S107030423**
West **275 HOSPITAL PY ROOF** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.177 mi.
937 ft. **Site 9 of 14 in cluster D**

Relative: **Lower**
Actual: **192 ft.**

SAN JOSE HAZMAT:
Name: SPRINT # SF606XC835
Address: 275 HOSPITAL PY ROOF
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 410568
Class: Misc. Complex firms and labs

D37 **VALLEY RADIOLOGIST MEDICAL GROUP** **CUPA Listings** **S113040386**
West **275 HOSPITAL PARKWAY #110** **HWTS** **N/A**
1/8-1/4 **SAN JOSE, CA 95119** **HAZNET**
0.177 mi. **CERS**
937 ft. **Site 10 of 14 in cluster D**

Relative: **Lower**
Actual: **192 ft.**

CUPA SANTA CLARA:
Name: AT&T MOBILITY - HWY 85-COTTLE (USID47148)
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 8006382822
UDF Email: g43573@att.com
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.239545039
Longitude: -121.8019114
Record ID: PR0425384
Facility ID: FA0283597

HWTS:
Name: VALLEY RADIOLOGIST MEDICAL GROUP
Address: 275 HOSPITAL PARKWAY #110
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAL000046368
Inactive Date: 12/31/1899
Create Date: 07/30/1993
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 275 HOSPITAL PARKWAY #110
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951190000
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: INACTIVE/BUS CLOSED 2-1-95
Contact Address: PER GLENN CHEW
Contact Address 2: Not reported
City,State,Zip: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.239334
Longitude: -121.802488

Name: KAISER FOUNDATION HOSPITAL
Address: 275 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC003081528
Inactive Date: 11/27/2020
Create Date: 08/28/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing Address 2: Not reported
Mailing City,State,Zip: OAKLAND, CA 946125103
Owner Name: KAISER PERMANENTE
Owner Address: ONE KAISER PLAZA
Owner Address 2: Not reported
Owner City,State,Zip: OAKLAND, CA 946123610
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: MATTHEW HURAY
Contact Address: 1800 HARRISON ST

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Contact Address 2: Not reported
City,State,Zip: OAKLAND, CA 94612
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.23954504
Longitude: -121.8019114

NAICS:
EPA ID: CAC003081528
Create Date: 2020-08-28 14:01:10.833
NAICS Code: 99999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2020-08-28 14:01:10.83300
Inactive Date: 2020-11-27 14:01:10.81700
Facility Name: KAISER FOUNDATION HOSPITAL
Facility Address: 275 HOSPITAL PARKWAY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 95119

HAZNET:
Name: KAISER FOUNDATION HOSPITAL
Address: 275 HOSPITAL PARKWAY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
Contact: MATTHEW HURAY
Telephone: 5106254737
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST

Year: 2020
Gepaid: CAC003081528
TSD EPA ID: CAD982042475
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23

Year: 1995
Gepaid: CAL000046368
TSD EPA ID: CAD982482390
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.025

Year: 1995
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: T03 - Treatment, Incineration
Tons: 0.0208

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Year: 1995
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: T03 - Treatment, Incineration
Tons: 0.001

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: CAD070148432
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0.0213

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.0416

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: T03 - Treatment, Incineration
Tons: 0.001

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: T03 - Treatment, Incineration
Tons: 0.0208

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: NMD097970065
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: R01 - Recycler
Tons: 0.0013

Year: 1994
Gepaid: CAL000046368
TSD EPA ID: CAD982482390
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.05

Click this hyperlink while viewing on your computer to access
7 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2020
Gen EPA ID: CAC003081528

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Shipment Date:	9/2/2020
Creation Date:	10/6/2020
Receipt Date:	9/14/2020
Manifest ID:	021092944JJK
Trans EPA ID:	CAL000160111
Trans Name:	ALLIANCE EVIRONMENTAL GROUP
Trans 2 EPA ID:	CAR000273680
Trans 2 Name:	FERMA GREENBOX INC
TSDF EPA ID:	CAD982042475
Trans Name:	RECOLOGY HAY ROAD
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.23
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	b5583f61-69f0-4687-aa20-79689a4b86a4
Shipment Date:	9/2/2020
Receipt Date:	9/14/2020
Manifest Number:	021092944JJK
Generator EPA ID:	CAC003081528
Name:	KAISER FOUNDATION HOSPITAL
Address:	275 HOSPITAL PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-451-8346
Contact:	BEN NGUYEN
Contact Telephone:	408-972-7405
Transporter 1 EPA ID:	CAL000160111
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000273680
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD982042475
TSDF Name:	RECOLOGY HAY ROAD
TSDF Address 1:	HAY RD
TSDF Address 2:	Not reported
TSDF City:	VACAVILLE
TSDF Zip:	95687
TSDF Telephone:	Not reported

State:

Year:	2020
EM Manifest ID:	b5583f61-69f0-4687-aa20-79689a4b86a4
Generator EPA ID:	CAC003081528
Shipment Date:	2020-09-02

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Manifest Number:	021092944JJK
Line Number:	1
Method Code:	H132
Quantity Tons:	0.23000
Quantity Waste:	1.000000
Quantity Unit:	Y
Number of Containers:	11
Type of Container:	Burlap, cloth, paper, or plastic bags
Quantity Type:	Cubic Yards
State Code:	151

Additional Info:

Year:	1995
Gen EPA ID:	CAL000046368
Shipment Date:	19950313
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950404
Manifest ID:	92850499
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950313
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950404
Manifest ID:	92850499
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.001
Waste Quantity:	2

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950208
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950208
Manifest ID:	92850435
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000046368
Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941220
Manifest ID:	93523580
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Additional Code 5:	Not reported
Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941220
Manifest ID:	93523580
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940913
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93523331
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0011
Waste Quantity:	2.3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940913
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93523331
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940824
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940824
Manifest ID:	93523308
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940614
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940621
Manifest ID:	93056783
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940614
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940621
Manifest ID:	93056783
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0002
Waste Quantity:	0.5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940315
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93056630
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940315

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93056630
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940112
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19940112
Manifest ID:	93056538
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAL000046368

Shipment Date:	19931213
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931227
Manifest ID:	93056464
Trans EPA ID:	CAD982482390
Trans Name:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Trans 2 EPA ID:	CAD070148432
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930914
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19930917
Manifest ID:	93285538
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	CAD070148432
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930715
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930715
Manifest ID:	92437540
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982482390
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982482390
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930614
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930621
Manifest ID:	92437498
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	UTD988072401
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930315
Creation Date:	8/31/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92437255
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Shipment Date:	19930315
Creation Date:	8/31/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92437255
Trans EPA ID:	CAD982482390
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD097970065
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AT&T MOBILITY- HWY 85-COTTLE (USID47148)
Address:	275 HOSPITAL PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	570794
CERS ID:	10623601
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-21-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct a hazardous materials business plan (HMBP) inspection. Observed 12 x Marathon 155FT batteries which contain quantities of electrolyte that are below HMBP-reporting thresholds. As a result of this inspection, the facility's HMBP permit will be inactivated. NOTES: -CERS ID: 10623601 -A HMBP was submitted on 11/2/16 and was reviewed.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Coordinates:

Site ID:	570794
Facility Name:	AT&T Mobility- HWY 85-COTTLE (USID47148)
Env Int Type Code:	HMBP
Program ID:	10623601
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.239500
Longitude:	-121.801830

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(469) 295-2319,

Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX

VALLEY RADIOLOGIST MEDICAL GROUP (Continued) **S113040386**

Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin Street, 12th floor
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-3281,

D38
West
1/8-1/4
0.177 mi.
937 ft.

KAISER PERMANENTE (MEDICAL OFFICES) **HAZMAT** **S105990207**
275 HOSPITAL PY HIRISE **N/A**
SAN JOSE, CA 95119

Site 11 of 14 in cluster D

Relative:
Lower

Actual:
192 ft.

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (MEDICAL OFFICES)
Address:	275 HOSPITAL PY HIRISE
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	402256
Class:	Misc. Complex firms and labs

D39 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S111076372**
West **275 HOSPITAL PY** **HAZMAT** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.177 mi.
937 ft. **Site 12 of 14 in cluster D**

Relative: **Lower**

Actual: **192 ft.**

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.239588
Longitude:	-121.801873
Record ID:	PR0401317
Facility ID:	FA0700499

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.239588
Longitude:	-121.801873
Record ID:	PR0401322
Facility ID:	FA0700499

Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.239588
Longitude:	-121.801873
Record ID:	PR0423978
Facility ID:	FA0700499

Name:	VERIZON WIRELESS: SAN JOSE SOUTH
Address:	275 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95113
Region:	SANTA CLARA
Telephone:	8666942415
UDF Email:	armand.delgado@verizonwireless.com
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.239868

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S111076372**

Longitude: -121.800333
Record ID: PR0400038
Facility ID: FA0269115

SAN JOSE HAZMAT:
Name: AT&T MOBILITY # 47148
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 600869
Class: Auto Wrecking/Misc Simple Facility

Name: VERIZON WIRELESS
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95113
Region: SAN JOSE
File Num: 408369
Class: Misc. Complex firms and labs

D40 **KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL** **CERS HAZ WASTE** **S121778284**
West **275 HOSPITAL PY** **CERS** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.177 mi.
937 ft. **Site 13 of 14 in cluster D**

Relative:
Lower

Actual:
192 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUILDING
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41043
CERS ID: 10351036
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUILDING
Address: 275 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41043
CERS ID: 10351036
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: UPS Battery Electrolyte Diesel Fuel
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUI (Continued) **S121778284**

Eval Notes: ON SITE TO REVIEW NAMING CONVENTION AND BUSINESS IDENTITY IN CERS. ANTHONY JIMENEZ ON SITE TO PROVIDE ACCESS AND EDIT CERS SUBMITALS. INSPECTOR TO RETURN ON 2/13, 2014 FOR FACILITY WALKTHROUGH FOR 10 HMBP FACILITIES ON CAMPUS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. SURGERY CENTER; CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: See inspection report dated 12-8-2015 for 250 Hospital Parkway (FA0208083).
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland

KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUI (Continued) **S121778284**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS

KAISER PERMANENTE-SAN JOSE MEDICAL CENTER MEDICAL OFFICE BUI (Continued) **S121778284**

Entity Title: Not reported
Affiliation Address: 1950 Franklin St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 987-1000,

D41 **OUT OF BUSINESS** **HAZMAT** **S122499555**
West **275 HOSPITAL PY CA129** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.177 mi.
937 ft. **Site 14 of 14 in cluster D**

Relative:
Lower

Actual:
192 ft.

SAN JOSE HAZMAT:
Name: OUT OF BUSINESS
Address: 275 HOSPITAL PY CA129
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409211
Class: Misc. Complex firms and labs

F42 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BU** **CERS HAZ WASTE** **S121778241**
WSW **280 HOSPITAL PKWY** **CUPA Listings** **N/A**
1/8-1/4 **SAN JOSE, CA 95119** **CERS**
0.188 mi.
992 ft. **Site 6 of 8 in cluster F**

Relative:
Lower

Actual:
191 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS
Address: 280 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41028
CERS ID: 10447945
CERS Description: Hazardous Waste Generator

CUPA SANTA CLARA:
Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 280 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.2397352
Longitude: -121.7993453
Record ID: PR0401334
Facility ID: FA0269684

Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 280 HOSPITAL PY
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS (Continued) **S121778241**

Telephone: 4089727000
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: Not reported
Latitude: 37.2397352
Longitude: -121.7993453
Record ID: PR0444218
Facility ID: FA0269684

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS
Address: 280 HOSPITAL PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41028
CERS ID: 10447945
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Oxygen Note: It has been determined by Kaiser that the correct address for this site is 280 Hospital Parkway. Facility record will be modified to reflect this change.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 41028
Facility Name: Kaiser Permanente San Jose Medical Center Alpha Buildings
Env Int Type Code: HMBP
Program ID: 10447945
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.239590
Longitude: -121.802170

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Riccardo Simpson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Riccardo Simpson
Entity Title: NCAL Safety Operations Practice Leader

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS (Continued) **S121778241**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 972-7000,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente San Jose Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,

KAISER PERMANENTE SAN JOSE MEDICAL CENTER ALPHA BUILDINGS (Continued) **S121778241**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle, Attn. Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,

F43 **KAISER PERMANENTE (MED OFFICES A,B,C, D)** **HAZMAT** **S112345995**
WSW **280 HOSPITAL PY A, B, C & D** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.188 mi.
992 ft. **Site 7 of 8 in cluster F**

Relative: **Lower**

Actual: **191 ft.**

SAN JOSE HAZMAT:

Name:	KAISER PERMANENTE (MED OFFICES A,B,C, D)
Address:	280 HOSPITAL PY A, B, C & D
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	600073
Class:	Auto Wrecking/Misc Simple Facility

F44 **KAISER PERMANENTE-SJ MEDICAL CTR** **CUPA Listings** **S121474766**
WSW **280 HOSPITAL PY** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.188 mi.
992 ft. **Site 8 of 8 in cluster F**

Relative: **Lower**

Actual: **191 ft.**

CUPA SANTA CLARA:

Name:	KAISER PERMANENTE-SJ MEDICAL CTR
Address:	280 HOSPITAL PY
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.239302
Longitude:	-121.802334
Record ID:	PR0411711
Facility ID:	FA0272199

E45 **JOHN SAGLIK** **RCRA NonGen / NLR** **1027090460**
SSW **6108 DEL ROBLES COURT** **CAC003162972**
1/8-1/4 **SAN JOSE, CA 95119**
0.196 mi.
1036 ft. **Site 5 of 5 in cluster E**

Relative: **Lower**
Actual: **192 ft.**

RCRA Listings:

Date Form Received by Agency:	20220222
Handler Name:	John Saglik
Handler Address:	6108 DEL ROBLES COURT
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003162972
Contact Name:	JOHN SAGLIK
Contact Address:	6108 DEL ROBLES COURT
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-355-5172
Contact Fax:	Not reported
Contact Email:	JOHN.SAGLIK@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6108 DEL ROBLES COURT
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	John Saglik
Owner Type:	Other
Operator Name:	John Saglik
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

JOHN SAGLIK (Continued) **1027090460**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220223
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN SAGLIK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6108 DEL ROBLES COURT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-355-5172
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOHN SAGLIK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6108 DEL ROBLES COURT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-355-5172
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220222
Handler Name: JOHN SAGLIK	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

JOHN SAGLIK (Continued) **1027090460**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

46
SSW
1/8-1/4
0.217 mi.
1144 ft.

NITESH SHELAR
6112 DEL CANTO DRIVE
SAN JOSE, CA 95119

RCRA NonGen / NLR **1027465182**
CAC003203919

Relative:
Lower

Actual:
191 ft.

RCRA Listings:

Date Form Received by Agency:	20221111
Handler Name:	Nitesh Shelar
Handler Address:	6112 DEL CANTO DRIVE
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003203919
Contact Name:	NITESH SHELAR
Contact Address:	6112 DEL CANTO DRIVE
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-797-7156
Contact Fax:	Not reported
Contact Email:	NITESH.SHELAR@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6112 DEL CANTO DRIVE
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Nitesh Shelar
Owner Type:	Other
Operator Name:	Nitesh Shelar
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

NITESH SHELAR (Continued) **1027465182**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221114
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NITESH SHELAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6112 DEL CANTO DRIVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-797-7156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NITESH SHELAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6112 DEL CANTO DRIVE
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-797-7156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NITESH SHELAR (Continued) **1027465182**

Historic Generators:
- Receive Date: 20221111
- Handler Name: NITESH SHELAR
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: No
- Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

47
SE
1/8-1/4
0.220 mi.
1161 ft.

IA 062613 SCVTA-LIGHT RAIL SUBSTATION 14 **CUPA Listings** **S121473314**
MIYUKI DR **N/A**
SAN JOSE, CA 95119

Relative:
Higher

Actual:
197 ft.

CUPA SANTA CLARA:
- Name: IA 062613 SCVTA-LIGHT RAIL SUBSTATION 14
- Address: MIYUKI DR
- City,State,Zip: SAN JOSE, CA 95119
- Region: SANTA CLARA
- Telephone: 4089526828
- UDF Email: Not reported
- PE#: 2502
- Program Description: HAZMAT STORAGE FACILITY-MINIMAL STORAGE SITE
- Program Identifier: DEH PERMIT-HAZ MAT STORAGE PROGRAM
- Latitude: 37.237745
- Longitude: -121.793684
- Record ID: PR0378475
- Facility ID: FA0258478

G48 **KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATO** **CERS HAZ WASTE** **S121778278**
West **274 INTERNATIONAL** **CERS** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.223 mi.
1179 ft. **Site 1 of 3 in cluster G**

Relative:
Lower

Actual:
191 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY UNIT
Address: 274 INTERNATIONAL
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41042
CERS ID: 10351027
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY UNIT
Address: 274 INTERNATIONAL
City,State,Zip: SAN JOSE, CA 95119
Site ID: 41042
CERS ID: 10351027
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility owns property. Facility maintains documented training that encompasses hazardous materials release and spill clean up. Reportable Materials: Oxygen Nitrous Oxide Diesel Nitrogen
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ON SITE TO CONDUCT A FACILITY WALK-THOUGH, HMBP/IS INSPECTION. ANTHONY JIMENEZ, KAISER FACILITY HEALTH AND SAFETY, ACCOMPANIED ME THROUGHOUT CAMPUS, PROVIDING ACCESS TO THE FACILITIES AND INFORMATION. SURGERY CENTER; CONFIRMED ABOVE THRESHOLD QUANTITIES ON SITE. SEE STATUS UPDATE IN CERS.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer

KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY (Continued) **S121778278**

Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Property Owner
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	1950 Franklin St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 987-1000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 International Circle
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Riccardo Simpson
Entity Title:	NCAL Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Riccardo Simpson
Entity Title:	Not reported
Affiliation Address:	255 International Circle , Attn Safety
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119

KAISER PERMANENTE SAN JOSE MEDICAL CENTER AMBULATORY SURGERY (Continued) **S121778278**

Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 972-7000,

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Permanente San Jose Medical Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

G49 **KAISER PERMANANTE (SURGERY CTR)** **HAZMAT** **S105419770**
West **274 INTERNATIONAL CL** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.223 mi.
1179 ft. **Site 2 of 3 in cluster G**

Relative: **Lower**

Actual: **191 ft.**

SAN JOSE HAZMAT:
Name: KAISER PERMANANTE (SURGERY CTR)
Address: 274 INTERNATIONAL CL
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 407689
Class: Chemical Warehouse

G50 **KAISER PERMANENTE-SJ MEDICAL CENTER** **CUPA Listings** **S112345993**
West **274 INTERNATIONAL** **N/A**
1/8-1/4 **SAN JOSE, CA 95119**
0.223 mi.
1179 ft. **Site 3 of 3 in cluster G**

Relative: **Lower**

Actual: **191 ft.**

CUPA SANTA CLARA:
Name: KAISER PERMANENTE-SJ MEDICAL CENTER
Address: 274 INTERNATIONAL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4089726110
UDF Email: Daniel.c1.Bell@kp.org
PE#: 2299
Program Description: HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier: Not reported
Latitude: 37.240555
Longitude: -121.801817
Record ID: PR0444216

KAISER PERMANENTE-SJ MEDICAL CENTER (Continued) **S112345993**

Facility ID:	FA0269763
Name:	KAISER PERMANENTE-SJ MEDICAL CENTER
Address:	274 INTERNATIONAL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4089726110
UDF Email:	Daniel.c1.Bell@kp.org
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.240555
Longitude:	-121.801817
Record ID:	PR0401467
Facility ID:	FA0269763

51
South
1/8-1/4
0.228 mi.
1202 ft.

PETER HUYNH
6134 ESCONDIDO COURT
SAN JOSE, CA 95119

RCRA NonGen / NLR **1028890091**
CAC003251108

Relative:
Lower

Actual:
192 ft.

RCRA Listings:

Date Form Received by Agency:	20230911
Handler Name:	Peter Huynh
Handler Address:	6134 ESCONDIDO COURT
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003251108
Contact Name:	PETER HUYNH
Contact Address:	6134 ESCONDIDO COURT
Contact City,State,Zip:	SAN JOSE, CA 95119
Contact Telephone:	408-888-2401
Contact Fax:	Not reported
Contact Email:	PHH621@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6134 ESCONDIDO COURT
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Peter Huynh
Owner Type:	Other
Operator Name:	Peter Huynh
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

PETER HUYNH (Continued) **1028890091**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230911
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: PETER HUYNH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6134 ESCONDIDO COURT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-888-2401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PETER HUYNH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6134 ESCONDIDO COURT
Owner/Operator City,State,Zip:	SAN JOSE, CA 95119
Owner/Operator Telephone:	408-888-2401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PETER HUYNH (Continued) **1028890091**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20230911
Handler Name: PETER HUYNH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

52
SSW
1/8-1/4
0.244 mi.
1290 ft.

AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTR **RCRA NonGen / NLR** **1026721722**
6110 CAMINO VERDE DR 6 **CAL000458757**
SAN JOSE, CA 95119

Relative:
Lower

Actual:
190 ft.

RCRA Listings:
Date Form Received by Agency: 20201208
Handler Name: Amalia Zacher Dvm Dba Best Friends Animal Dentistry
Handler Address: 6110 CAMINO VERDE DR 6
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAL000458757
Contact Name: AMALIA ZACHER
Contact Address: 2010 LYNN AVE
Contact City,State,Zip: LOS GATOS, CA 95032
Contact Telephone: 408-316-1669
Contact Fax: Not reported
Contact Email: ANIMALDENTISTRY@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 6110 CAMINO VERDE DR 6

AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTRY (Continued) **1026721722**

Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Amalia Zacher
Owner Type:	Other
Operator Name:	Amalia Zacher
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: AMALIA ZACHER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2010 LYNN AVE
Owner/Operator City,State,Zip:	LOS GATOS, CA 95032
Owner/Operator Telephone:	408-316-1669
Owner/Operator Telephone Ext:	Not reported

AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTRY (Continued) **1026721722**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMALIA ZACHER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2010 LYNN AVE
Owner/Operator City,State,Zip: LOS GATOS, CA 95032
Owner/Operator Telephone: 408-316-1669
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201208
Handler Name: AMALIA ZACHER DVM DBA BEST FRIENDS ANIMAL DENTISTRY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541940
NAICS Description: VETERINARY SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H53 **P G & E (EDENVALE SERVICE CTR)** **HIST LUST** **S103881394**
SE **6402 SANTA TERESA BLVD** **N/A**
1/4-1/2 **SAN JOSE, CA**
0.270 mi.
1424 ft. **Site 1 of 3 in cluster H**

Relative: Higher
Actual: 197 ft.

HIST LUST SANTA CLARA:
Name: P G & E (Edenvale Service Ctr)
Address: 6402 Santa Teresa Blvd
City: San Jose
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 08S2E18G01
Oversite Agency: SFRWQCB
Date Listed: 1988-01-01 00:00:00
Closed Date: 1992-01-17 00:00:00

H54 **PG & E ESC SITE 2** **LUST** **S103667866**
SE **6402 SANTA TERESA** **CUPA Listings** **N/A**
1/4-1/2 **SAN JOSE, CA 95119** **HIST CORTESE**
0.270 mi. **HWTS**
1424 ft. **Site 2 of 3 in cluster H** **HAZNET**
CERS

Relative:
Higher

Actual:
197 ft.

LUST:

Name:	PG&E ESC-SITE 2
Address:	6402 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95123
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501054
Global Id:	T0608501054
Latitude:	37.232943
Longitude:	-121.785885
Status:	Completed - Case Closed
Status Date:	01/17/1992
Case Worker:	DEH
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Digitized From APN (Acessor Parcel Maps)
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	11/29/1990
Leak Reported Date:	12/05/1990
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/17/1992
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	31-35%
CA Enviroscreen 4 Score:	40-45%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608501054
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DEH CASEWORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	smp@deh.sccgov.org
Phone Number:	4089183400

Global Id:	T0608501054

PG & E ESC SITE 2 (Continued) **S103667866**

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608501054
Action Type: RESPONSE
Date: 04/04/2003
Action: Other Report / Document

Global Id: T0608501054
Action Type: Other
Date: 12/05/1990
Action: Leak Reported

Global Id: T0608501054
Action Type: ENFORCEMENT
Date: 01/17/1992
Action: Closure/No Further Action Letter

Global Id: T0608501054
Action Type: ENFORCEMENT
Date: 09/26/1991
Action: Notice of Responsibility - #39262

LUST:
Global Id: T0608501054
Status: Open - Case Begin Date
Status Date: 11/29/1990

Global Id: T0608501054
Status: Open - Site Assessment
Status Date: 11/29/1990

Global Id: T0608501054
Status: Completed - Case Closed
Status Date: 01/17/1992

LUST SANTA CLARA:
Name: P G & E (EDENVALE SERVICE CTR)
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18G01F
Date Closed: 01/17/1992
EDR Link ID: 08S2E18G01F

Name: PG&E ESC-SITE 2
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA

PG & E ESC SITE 2 (Continued) **S103667866**

SCVWD ID: 08S2E18G02F
Date Closed: 01/17/1992
EDR Link ID: 08S2E18G02F

CUPA SANTA CLARA:

Name: PG&E-EDENVALE SERVICE CENTER
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95138
Region: SANTA CLARA
Telephone: 4082827364
UDF Email: hazmat@pge.com
PE#: LQ07
Program Description: GENERATES 25 TO <50 TONS/YR (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.236514
Longitude: -121.793022
Record ID: PR0312798
Facility ID: FA0210480

Name: PG&E-EDENVALE SERVICE CENTER
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95138
Region: SANTA CLARA
Telephone: 4082827364
UDF Email: hazmat@pge.com
PE#: BP09
Program Description: HMBP FAC, $152 FOR EACH ADDITIONAL 6 CHEMS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.236514
Longitude: -121.793022
Record ID: PR0402183
Facility ID: FA0210480

Name: PG&E-EDENVALE SERVICE CENTER
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95138
Region: SANTA CLARA
Telephone: 4082827364
UDF Email: hazmat@pge.com
PE#: 2011
Program Description: APSA FACILITY-SPCC TEMPLATE (<10,000 GAL CAP)
Program Identifier: DEH PERMIT-ABOVEGROUND PETROLEUM STORAGE ACT PROGRAM
Latitude: 37.236514
Longitude: -121.793022
Record ID: PR0399699
Facility ID: FA0210480

Name: PG&E-EDENVALE SERVICE CENTER
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95138
Region: SANTA CLARA
Telephone: 4082827364
UDF Email: hazmat@pge.com
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier: Not reported
Latitude: 37.236514

PG & E ESC SITE 2 (Continued) **S103667866**

Longitude: -121.793022
Record ID: PR0398135
Facility ID: FA0210480

Name: PG&E-EDENVALE SERVICE CENTER
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95138
Region: SANTA CLARA
Telephone: 4082827364
UDF Email: hazmat@pge.com
PE#: BP06
Program Description: HMBP FACILITY, 22+ CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.236514
Longitude: -121.793022
Record ID: PR0397850
Facility ID: FA0210480

Name: PG&E- SANTA TERESA SUBSTATION
Address: 6402 SANTA TERESA BL
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: Not reported
UDF Email: hazmat@pge.com
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.23814801
Longitude: -121.79206099
Record ID: PR0444818
Facility ID: FA0302684

HIST CORTESE:
edr_fname: PG & E ESC SITE 2
edr_fadd1: 6402 SANTA TERESA
City,State,Zip: SAN JOSE, CA 95119
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1060

HWTS:
Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC
Address: 6402 SANTA TERESA BLVD
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAC002868963
Inactive Date: 10/13/2016
Create Date: 07/13/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1010 COMMERCIAL ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 95112
Owner Name: CLEAN HARBORS, INC
Owner Address: 42 LONGWATER DR

PG & E ESC SITE 2 (Continued) **S103667866**

Owner Address 2:	Not reported
Owner City,State,Zip:	NORWELL, MA 2061
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MARIBEL ALEMAN-CORTES
Contact Address:	1010 COMMERCIAL ST
Contact Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95112
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	-90
Longitude:	180

HAZNET:

Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC
Address:	6402 SANTA TERESA BLVD
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
Contact:	MARIBEL ALEMAN-CORTES
Telephone:	4084515079
Mailing Name:	Not reported
Mailing Address:	1010 COMMERCIAL ST
Year:	2016
Gepaid:	CAC002868963
TSD EPA ID:	CAD059494310
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.21

CERS:

Name:	PG&E ESC-SITE 2
Address:	6402 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	675632
CERS ID:	T0608501054
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported

PG & E ESC SITE 2 (Continued) **S103667866**

Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: SANTA TERESA SUBSTATION
Address: 6402 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA 95119
Site ID: 596107
CERS ID: 10882591
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 596107
Facility Name: Santa Teresa Substation
Env Int Type Code: HMBP
Program ID: 10882591
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.238860
Longitude: -121.792100

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: David Hendricks
Entity Title: Not reported
Affiliation Address: 111 Almaden Blvd.
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95113
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 7640
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94120
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Larry Jeffris
Entity Title: Senior Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District

PG & E ESC SITE 2 (Continued) **S103667866**

Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Legal Owner
Entity Name:	Pacific Gas & Electric Company
Entity Title:	Not reported
Affiliation Address:	PO Box 7640
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94120
Affiliation Phone:	(415) 973-7000,
Affiliation Type Desc:	Operator
Entity Name:	Pacific Gas & Electric Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(415) 244-5426,
Affiliation Type Desc:	Document Preparer
Entity Name:	David Hendricks, PG&E
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	PG&E
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Pacific Gas & Electric Company
Entity Title:	Not reported
Affiliation Address:	c/o Environmental Services, 3401 Crow Canyon Road
Affiliation City:	San Ramon
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583

PG & E ESC SITE 2 (Continued) **S103667866**

Affiliation Phone: (415) 973-7000,

H55 **PG E EDENVALE SERVICE CENTER** **LUST** **1000137202**
SE **6402 SANTA TERESA BLVD** **CPS-SLIC** **N/A**
1/4-1/2 **SAN JOSE, CA 95119** **HIST LUST**
0.270 mi. **Cortese**
1424 ft. **Site 3 of 3 in cluster H**

Relative: Higher

Actual: 197 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 08S2E18G02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 11/29/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SLIC REG 2:
Region: 2
Facility ID: 43S0804
Facility Status: Preliminary site assessment workplan submitted
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 12/8/1989
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
Name: PG&E ESC-Site 2
Address: 6402 Santa Teresa Blvd
City: San Jose
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 08S2E18G02
Oversite Agency: SCVWD
Date Listed: 1991-03-25 00:00:00
Closed Date: 1992-01-17 00:00:00

CORTESE:
Name: PG&E ESC-SITE 2

PG E EDENVALE SERVICE CENTER (Continued) **1000137202**

Address:	6402 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95123
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608501054
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

56
SW
1/4-1/2
0.308 mi.
1625 ft.

Relative:
Lower

Actual:
190 ft.

PLAZA DE SANTA TERESA
6133 CAMINO VERDE DR
SAN JOSE, CA 95119

CPS-SLIC **1004441166**
CERS HAZ WASTE **N/A**
FINDS
CUPA Listings
DRYCLEANERS
EMI
HWTS
HAZMAT
CERS

CPS-SLIC:

Name:	FORMER ONE HOUR MARTINIZING / CVA
Address:	6133 CAMINO VERDE DRIVE
City,State,Zip:	SAN JOSE, CA 95119
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/25/2016
Global Id:	T10000007121
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.23623
Longitude:	-121.80131
Case Type:	Cleanup Program Site
Case Worker:	RWP
Local Agency:	Not reported
RB Case Number:	43S1159
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	1

PLAZA DE SANTA TERESA (Continued) **1004441166**

Begin Date:	01/01/1971
Leak Reported Date:	01/01/1995
How Discovered:	Other Means
How Discovered Description:	Unknown
Discharge Source:	Other
Discharge Cause:	Spill
Stop Method:	Change Operating Procedures
Stop Description:	Operator stopped using PCE
No Further Action Date:	01/25/2016
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Prior site closure in the 1990s may prompt rescrission of a workplan requirekent

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	427375
CERS ID:	10745860
CERS Description:	Hazardous Waste Generator

FINDS:

Registry ID: 110010464210

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

Registry ID: 110070580263

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Registry ID: 110070800010

PLAZA DE SANTA TERESA (Continued) **1004441166**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CUPA SANTA CLARA:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4088369937
UDF Email:	DIPAK.K.PADIA@SPRINT.COM
PE#:	2202
Program Description:	GENERATES USED OIL ONLY OR <100 KG/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.235836
Longitude:	-121.801271
Record ID:	PR0313755
Facility ID:	FA0210323

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4088369937
UDF Email:	DIPAK.K.PADIA@SPRINT.COM
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.235836
Longitude:	-121.801271
Record ID:	PR0429253
Facility ID:	FA0210323

DRYCLEANERS:

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
EPA Id:	CAL000167656
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/14/1995
Facility Active:	No
Inactive Date:	04/19/2010
Facility Addr2:	Not reported
Owner Name:	SANG-ARK LEE
Owner Address:	1400 BOWE AVE

PLAZA DE SANTA TERESA (Continued) **1004441166**

Owner Address 2:	APT 403
Owner Telephone:	4085101595
Contact Name:	SANG-ARK LEE
Contact Address:	1400 BOWE AVE
Contact Address 2:	APT 403
Contact Telephone:	4085101595
Contact Fax:	0
Mailing Name:	Not reported
Mailing Address 1:	1400 BOWE AVE
Mailing Address 2:	APT 403
Mailing City:	SANTA CLARA
Mailing State:	CA
Mailing Zip:	950513831
Owner Fax:	0
Region Code:	2
Latitude:	37.237404
Longitude:	-121.801105

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
EPA Id:	CAL000352042
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/27/2010
Facility Active:	No
Inactive Date:	06/30/2015
Facility Addr2:	Not reported
Owner Name:	JOANNE FU & JASON SHEN
Owner Address:	229 PRAGUE DR
Owner Address 2:	Not reported
Owner Telephone:	4082298868
Contact Name:	JOANNE FU
Contact Address:	6133 CAMINO VERDE DR
Contact Address 2:	Not reported
Contact Telephone:	4082275820
Contact Fax:	4086296989
Mailing Name:	Not reported
Mailing Address 1:	6133 CAMINO VERDE DR
Mailing Address 2:	Not reported
Mailing City:	SAN JOSE
Mailing State:	CA
Mailing Zip:	951190000
Owner Fax:	4086296989
Region Code:	2
Latitude:	37.237404
Longitude:	-121.801105

DRYCLEAN BAY AREA DIST:

Facility ID:	201118
Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119-1402
NAICS Code:	812320
Facility Status:	Registered

PLAZA DE SANTA TERESA (Continued) **1004441166**

Device Name:	Firbimatic 40lbs Closed Loop HC [FIB40P]
Drum Capacity:	40
Device Status:	Registered
Facility Permit Expiration Date:	2019-04-01 00:00:00
Name:	D5 Siloxane - Green Earth
Annual Usage:	50

EMI:

Name:	ONE HOUR CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	4117
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216

PLAZA DE SANTA TERESA (Continued) **1004441166**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	1999
County Code:	43
Air Basin:	SF

PLAZA DE SANTA TERESA (Continued) **1004441166**

Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 951191402
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	10215
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	16621
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.32
Reactive Organic Gases Tons/Yr:	.128
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BONA'S CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119

PLAZA DE SANTA TERESA (Continued) **1004441166**

Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	16621
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.32000000000000001
Reactive Organic Gases Tons/Yr:	0.128
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	201118
Air District Name:	BA
SIC Code:	7389
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.198249996
Reactive Organic Gases Tons/Yr:	0.0792999984
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HWTS:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAL000352042
Inactive Date:	06/30/2015
Create Date:	04/27/2010
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6133 CAMINO VERDE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA 951190000
Owner Name:	JOANNE FU & JASON SHEN
Owner Address:	229 PRAGUE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN JOSE, CA 951191741
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JOANNE FU

PLAZA DE SANTA TERESA (Continued) **1004441166**

Contact Address:	6133 CAMINO VERDE DR
Contact Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951191402
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.237404
Longitude:	-121.801105

NAICS:

EPA ID:	CAL000352042
Create Date:	2010-04-27 13:33:01.480
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2010-04-27 13:33:01.43300
Inactive Date:	2015-06-30 00:00:00
Facility Name:	J & J CLEANERS
Facility Address:	6133 CAMINO VERDE DR
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951191402

SAN JOSE HAZMAT:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	496552
Class:	Auto Wrecking/Misc Simple Facility

CERS:

Name:	J & J CLEANERS
Address:	6133 CAMINO VERDE DR
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	427375
CERS ID:	10745860
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	427375
Site Name:	J & J CLEANERS
Violation Date:	10-16-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Annual employee training needs to be provided to all employees at this facility. A copy of the sample form was provided during this inspection.
Violation Division:	Santa Clara County Environmental Health

PLAZA DE SANTA TERESA (Continued) **1004441166**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 427375
Site Name: J & J CLEANERS
Violation Date: 10-16-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: A copy of the notification to the property owner was not available during this inspection. A soft copy of the letter was e-mailed to the owner.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 427375
Site Name: J & J CLEANERS
Violation Date: 10-16-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: The last time the HMBP was last submitted was on 10/05/2017. Within 30 days submit your new HMBP via CERS or the local portal Front Counter.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: NOTES; 1) No hazardous waste violations were observed during this inspection. 2) Your hazardous waste permit will be changed to PE-2205 with our Department. This facility currently has 2 x 30gal., waste distillates drums
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The most recent copy of the HMBP was last submitted via Front Counter on 10/05/17.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:

PLAZA DE SANTA TERESA (Continued) **1004441166**

Site ID: 427375
Facility Name: J & J CLEANERS
Env Int Type Code: HMBP
Program ID: 10745860
Coord Name: Not reported
Ref Point Type Desc: Entrance point of a facility or station,
Latitude: 37.235836
Longitude: -121.801270

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Legal Owner
Entity Name: J & J CLEANERS
Entity Title: Not reported
Affiliation Address: 6133 CAMINO VERDE DR
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95119
Affiliation Phone: (408) 836-9937,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 6133 CAMINO VERDE DR
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: MINH NGUYEN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: J & J CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

PLAZA DE SANTA TERESA (Continued) **1004441166**

Affiliation Zip: Not reported
Affiliation Phone: (408) 890-0354,

Affiliation Type Desc: Environmental Contact
Entity Name: Minh Nguyen
Entity Title: Not reported
Affiliation Address: 6133 CAMINO VERDE DR
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: MINH NGUYEN
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: J & J CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: FORMER ONE HOUR MARTINIZING / CVA
Address: 6133 CAMINO VERDE DRIVE
City,State,Zip: SAN JOSE, CA 95119
Site ID: 655397
CERS ID: T10000007121
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Roger Papler - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1500
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

I57
WSW
1/4-1/2
0.316 mi.
1670 ft.

Relative:
Lower

Actual:
188 ft.

CHEVRON #9-0038
6096 COTTLE RD
SAN JOSE, CA 95123

Site 1 of 2 in cluster I

Database(s): LUST, HIST LUST, CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CUPA Listings, EMI, HAZMAT, CERS

EDR ID Number: S105030577
EPA ID Number: N/A

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Remedial action (cleanup) Underway
Case Number:	08S2E18E01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/30/1994
Pollution Characterization Began:	1/16/1998
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	4/1/1998
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST SANTA CLARA:

Name:	Chevron #9-0038
Address:	6096 Cottle Rd
City:	San Jose
Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	08S2E18E01
Oversite Agency:	SCCDEH
Date Listed:	1997-03-14 00:00:00
Closed Date:	Not reported

CERS HAZ WASTE:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	401453
CERS ID:	10354456
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City:	SAN JOSE
Status:	Active
Comp Number:	400839
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported

CHEVRON #9-0038 (Continued) **S105030577**

SWRCB Tank Id: 43-060-400839-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400839-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400839-000003
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: SANTA TERESA CHEVRON
Address: 6096 COTTLE RD
City: SAN JOSE
Status: Active
Comp Number: 400839
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92

CHEVRON #9-0038 (Continued) **S105030577**

Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400839-000004
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	OIL
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

CERS TANKS:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	401453
CERS ID:	10354456
CERS Description:	Underground Storage Tank

CUPA SANTA CLARA:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082267414
UDF Email:	Not reported
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.237452
Longitude:	-121.803212
Record ID:	PR0393798
Facility ID:	FA0266694

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082267414
UDF Email:	Not reported
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.237452
Longitude:	-121.803212
Record ID:	PR0397647
Facility ID:	FA0266694

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Region:	SANTA CLARA
Telephone:	4082267414
UDF Email:	Not reported
PE#:	2399

CHEVRON #9-0038 (Continued) **S105030577**

Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Program Identifier:	Not reported
Latitude:	37.237452
Longitude:	-121.803212
Record ID:	PR0398081
Facility ID:	FA0266694

EMI:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000349726
Reactive Organic Gases Tons/Yr:	0.000349726
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5541

CHEVRON #9-0038 (Continued) **S105030577**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Year:	2021
County Code:	43
Air Basin:	SF
Facility ID:	103939
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34972596
Reactive Organic Gases Tons/Yr:	0.34972596
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

SAN JOSE HAZMAT:

Name:	CHEVRON STATION #90038
Address:	6096 COTTLE RD 90038
City,State,Zip:	SAN JOSE, CA 95123
Region:	SAN JOSE
File Num:	400839

CHEVRON #9-0038 (Continued) **S105030577**

Class: Gasoline Station

CERS:

Name:	SANTA TERESA CHEVRON
Address:	6096 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	401453
CERS ID:	10354456
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Based on the number and type of violations observed, employees have not been provided with hazardous waste management training or the training provided has adequately ensured proper waste handling.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Facility is currently operating without a valid UST Permit to Operate due to outstanding violations that still need to be addressed. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 7TH CONSECUTIVE YEAR.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	87, 91 and diesel spill buckets did not meet the 5 gallon minimum

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	capacity requirement.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	23 CCR 16 2715(f)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(3)
Violation Description:	Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 04/29/2021. List of employees trained by DUSTO was not available for review during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-29-2015
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes:	Returned to compliance on 09/21/2017. COMPLETE ALL UST RELATED FORMS VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE; DARYOUSH SAIFI.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 04/30/2021. Facility is operating without a valid UST operating permit. Operating permit can not be issued until all violations(from this year and prior years) have been properly responded to.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

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	Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	It was noted in the 2019 inspection report that the 87, 91 and diesel spill buckets did not meet the 5 gallon minimum capacity requirement. There are no records with our office to make repairs to the system to correct this issue.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-29-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 07/22/2016. COMPLETE A UST MONITORING PLAN VIA CERS IMMEDIATELY.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	The most recent DUSTO training for facility employees was conducted on 1/7/2020. The DUSTO must provide training to facility employees at least once every 12 months. Within 30 days, have the DUSTO conduct training and ensure training records are retained on-site for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	The facility information provided in the most recent HMBP submittal does not contain the proper business owner information.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

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	6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	The emergency response plan has not been updated since the facility changed ownership from Chevron Products Company to Reo, Inc. in October 28, 2014.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/29/2021. Documentation of emergency response training could not be provided during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 04/30/2021. Facility is operating without a valid UST operating permit. Operating permit can not be issued until all violations (from this year and prior years) have been properly responded to. THIS IS THE FIFTH CONSECUTIVE UST INSPECTION WITH THIS VIOLATION.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description:	"Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary

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containment testing for 36 months."

Violation Notes: The last every-36-month UST Secondary Containment (SB-989) Testing was conducted on 5/9/2016. Facility is now overdue for SB-989 testing, as the next testing due date was by October 2018. NOTE: THIS HAS BEEN ESCALATED FROM CLASS II TO CLASS I DUE TO THE NATURE OF THE VIOLATION. THIS WAS ALSO PREVIOUSLY CITED ON THE 8/21/2019 and 4/30/2021 OFFICIAL NOTICE OF INSPECTIONS.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes: 1) Hazardous Waste Accumulation Area: - Aisle space to the used antifreeze tank is blocked by large equipment and two, 55 gallon, black, hazardous waste drums - Aisle space to the un-labeled, black 55 gallon drum with unknown contents is blocked by the two, 55 gallon, black hazardous waste drums and other large pieces of equipment 2) Parts Washer Area: - The fire extinguisher is blocked by the black, aqueous parts washer, a ladder, large pieces of equipment, and a flammable cabinet
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-30-2016
Citation: 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description: Failure to retain for at least three years a legible copy of each manifest or bill of lading which identifies spent lead-acid storage batteries shipped to a person who stores the batteries or who uses, reuses, recycles or reclaims the batteries or their components.
Violation Notes: Mr. Sirianni stated that used automotive batteries are exchanged for their core value with Interstate and observations made during inspection are consistent with this statement, but no bills of lading recording the shipment of used automotive batteries are available for review.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste",

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	name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	1) The following containers of hazardous waste are un-labeled: - 1 x approximately 8 gallon, plastic carboy used to accumulate the used oil dripping from the open pipe connected to the hydraulic lift (Per Scott, the container is emptied once per year) in the service bay - 1 x black, approximately 15 gallon used oil roller stored along the outside of the building near the Healy tank - Approximately 16 metal-encased used oil filters and 4 paper-used oil filters accumulating on the top of the previously identified black used oil roller. The filters are not actively draining and appear to be placed on the used oil roller for the purpose of hazardous waste accumulation. - 1 x 55 gallon, black drum of paper-used oil filters ("used oil-saturated debris") in the outside, smaller fenced-in area ("hazardous waste accumulation area") - 2 x white, 5 gallon buckets of used oil in the outside, larger fenced-in area ("parts washer area") - 1 x black, 5 gallon bucket next to the [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-11-2014
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes:	Returned to compliance on 04/30/2014. ACCORDING TO THE VEEDER-ROOT ALARM HISTORY, THERE WERE TWO ALARMS (JUNE 24, 2013 AND JULY 5, 2013) THAT DID NOT CORRESPOND TO ANNUAL TESTING IN 2013. THE JUNE 24TH ALARM HAD FOLLOW UP COMMENTS BUT THE JULY 18TH DESIGNATED OPERATOR MONTHLY REPORT DID NOT ADDRESS THE JULY 5TH ALARM.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	The facility's employees are not provided annual refresher training in safety procedures in the event of a release or threatened release of a

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hazardous material. An employee training template will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-09-2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 07/22/2016. COMPLETE A UST MONITORING PLAN VIA CERS IMMEDIATELY. NEW UST MONITORING PLAN NEEDS TO REFLECT THE NEW OWNERSHIP CHANGE. REO INC., THIS IS A REPEAT VIOLATION FROM INSPECTION ON 4/29/15.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 12-10-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Overfill prevention equipment inspection for this site has not occurred. This inspection was due by 10/13/18. Within 30 days, have a qualified service technician inspect the overfill prevention equipment and send a copy of the test reports to our office.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

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Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 05/10/2017. Diesel PLLD was not able to detect the 3gph/10psi leak during the the first test. Programming was changed to increase pressure differential and account for venting. Sensor was re-tested and functioned as designed.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	A copy of the facility's Chief Financial Officer Letter for 2021 was unavailable for inspection. The CFO Letter most recently uploaded to CERS is for 2018. Within 30 days, upload and submit an updated copy of the CFO letter to CERS. Alternatively, you may select and the "Stored On Site" option on CERS, and provide a copy of the letter to our office for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 04/29/2021. Testing of monitoring equipment occurred in June. Your anniversary month for testing is April. Please ensure that 2019 testing takes place in April.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or

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maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 04/30/2021. Monitoring System Certification forms for 2017 and 2018 were not available on site.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-11-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/30/2014. FACILITY FAILED TO RETURN THE "OFFICIAL NOTICE OF INSPECTION" WITH THE CORRECTIVE ACTION TAKEN TO CORRECT THE VIOLATIONS NOTED ON APRIL 17, 2013.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Facility failed to electronically submit a corrected HMBP within 30 days from the date HMCD notified the facility that their HMBP is deficient in satisfying HMBP requirements. -- HMCD Inspector, Ana Bui, reviewed, Bui identified the deficiencies in the facility's HMBP submittal, and rejected the facility's HMBP submittal on 5/9/2016. As of 11/22/2016, the facility has not amended and re-submitted an HMBP with the corrections required from Inspector Bui's review. -- Electronically submit a corrected HMBP within 30 days from the date in which HMBP provides notification that the HMBP submitted is deficient in satisfying the requirements of this article or the regulations adopted pursuant to Section 25503 [HSC 25508(a)(2)].
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes: Returned to compliance on 05/10/2017. Facility has failed to respond to two prior years inspection reports and a limited inspection report issued in November 2016. Copy of RTC was available onsite, and a scan of the document was taken by inspector. PLEASE BE AWARE THAT IT IS FACILITY'S RESPONSIBILITY TO ENSURE SUBMITTAL WITHIN 30 DAYS AND NOT WAIT UNTIL NEXT INSPECTION.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST

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Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	The facility has not reviewed and certified the HMBP since 7/13/2015.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	The phone number for the fire department is posted near a telephone, but no other required information is posted. An emergency information template will be provided with this inspection report.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	The DUSTO inspection reports note that the last Overfill Prevention Equipment Test date was 4/29/21. This is INCORRECT, as this test has not been conducted yet. Also, the DUSTO marked "yes" regarding Secondary Containment Testing being completed within the last 36 months. This is INCORRECT as the last date secondary containment

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testing was 5/9/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/10/2017. Facility failed to respond to the 11/30/2016 notice of inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-09-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/22/2016. CERTIFICATION OF FINANCIAL RESPONSIBILITY WAS NOT AVAILABLE DURING THIS INSPECTION FOR THE NEW OWNER NAME; DARYOUSH SAIFI OR REO INC., PROVIDE CFR INFORMATION VIA CERS IMMEDIATELY. THIS IS A REPEAT VIOLATION FROM INSPECTION ON 4/29/2015.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-30-2021
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes: The time between DUSTO inspections exceeded 30 days for the following dates: - from 8/25/2020 to 10/20/2020 Ensure that moving forward, the time between DUSTO inspections does not exceed 30 days. *Note: The

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DUSTO inspection reports also note that the last Overfill Prevention Equipment Test date was 8/21/2019. This is INCORRECT, as this test has not been conducted yet.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 04/29/2021. No response has been received to the 2015, 2016 or 2017 inspections.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-09-2016
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 07/22/2016. A COPY OF LAST YEARS MONITORING SYSTEM CERTIFICATION TEST REPORT WAS SUBMITTED TO OUR OFFICE WITHIN 30 DAYS OF COMPLETION ENSURE THAT THIS TESTING REPORT IS SUBMITTED TO OUR OFFICE IMMEDIATELY.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-30-2021
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: The 87, 91, and Diesel UST Fill Spill Buckets do not meet the minimum 5-gallon liquid capacity. The UST Service Technician added rings around the buckets to bring them from 4.8 gallons capacity to 5 gallons capacity, but the buckets were observed to not be liquid-tight. A permit from our Department may be required for the replacement of the 3 spill buckets. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE

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	3RD CONSECUTIVE YEAR.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the CUPA.
Violation Notes:	Returned to compliance on 06/01/2017. Facility is operating without a permit. THIS IS THE THIRD CONSECUTIVE UST INSPECTION NOTING THIS VIOLATION.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 04/30/2021. Facility is operating without a valid UST operating permit. Operating permit can not be issued until all violations (from this year and prior years) have been properly responded to. THIS IS THE FOURTH CONSECUTIVE UST INSPECTION WITH THIS VIOLATION.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-29-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes:	Returned to compliance on 09/21/2017. COMPLETE A NEW UST RESPONSE PLAN VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE TO DARYOUSH SAIFI.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description:	Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes:	Returned to compliance on 05/10/2017. Facility conducted SB 989 triennial secondary containment testing in 2016 but has failed to provide a copy of the test results. Copy of this document was

CHEVRON #9-0038 (Continued) **S105030577**

available onsite and was scanned by inspector. PLEASE BE AWARE THAT IT IS THE FACILITY'S RESPONSIBILITY TO ENSURE THAT TEST RESULTS ARE SUBMITTED.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: The Overfill Prevention Equipment Inspection for this site has not occurred. It was due by 10/13/2018. The DUSTO monthly reports incorrectly state that the last Overfill Prevention Equipment inspection was conducted on 4/29/21. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 4TH CONSECUTIVE YEAR.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: The Veeder Root monitoring panel failed to produce an audible alarm when sensors were tested.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST

CHEVRON #9-0038 (Continued) **S105030577**

Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	1) The following containers are open when hazardous waste is not being added or removed: - Approximately 16 metal-encased used oil filters and 4 paper-used oil filters accumulating on the top of the black used oil roller. The filters are not actively draining and appear to be placed on the used oil roller for the purpose of hazardous waste accumulation. - 2 x white, 5 gallon buckets of used oil in the outside, larger fenced-in area ("parts washer area") 2) The following containers have a lid placed on top of them, but the lids are not secured with a locking ring or other means to tightly close the containers: - 1 x 55 gallon, black drum of paper-used oil filters ("used oil-saturated debris") in the outside, smaller fenced-in area ("hazardous waste accumulation area")
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 04/29/2021. Testing of monitoring equipment occurred in August. Your anniversary month for testing is April. Ensure that 2020 testing takes place in April. This is a repeat violation.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 04/29/2021. No response has been received to the 2017 or 2018 inspections. This is a repeat violation.
Violation Division:	Santa Clara County Environmental Health

CHEVRON #9-0038 (Continued) **S105030577**

Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	The facility has an California EPA ID Number (CAL000212939), but the ID Number has been inactive since 6/30/2015. A copy of DTSC FORM 1358 will be provided with this inspection report. [22CCR 25205.16(c)].
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 25250.7(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7(a)
Violation Description:	Failure to prevent intentional contamination of used oil with other hazardous waste other than minimal amounts of vehicle fuel.
Violation Notes:	Scott confirmed that used brake fluid is generated when it is necessary to bleed a customer’s brakes. It is also of note that a 1 gallon, non-empty container of brake fluid was observed in the facility’s trash can. Upon inquiry, Scott stated that used brake fluid is mixed with used oil for management and disposal as "used oil." Used oil being managed and disposed of as "used oil" cannot be mixed with anything other than minimal amounts of vehicle fuel. Otherwise, the co-mingled waste (i.e. used oil and used brake fluid mixture) must be managed as a fully-regulated hazardous waste. Please note that "minimal amounts of vehicle fuel" refers to small amounts of engine blow-by from normal use and does not include the intentional mixing of vehicle fuel with used oil.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Response Plan.
Violation Notes:	Returned to compliance on 09/21/2017. CERS submittal dated 5/10/17 does not include a UST response plan, and prior submittal plans reference Chevron corporate response personnel. THIS IS A REPEAT VIOLATION
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON

CHEVRON #9-0038 (Continued) **S105030577**

Violation Date:	05-09-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes:	Returned to compliance on 09/21/2017. COMPLETE A NEW UST RESPONSE PLAN VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE TO DARYOUSH SAIFI OR REO INC., AS THE NEW OWNER. THIS A REPEAT VIOLATION FROM INSPECTION ON 4/29/15.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 07/22/2016. DURING RECORD REVIEW THERE WERE NO COPIES OF THE LAST ANNUAL MONITORING SYSTEM CERTIFICATION THAT TOOK PLACE IN 2015. ENSURE THAT A COPY OF LAST YEARS MONITORING SYSTEM CERTIFICATION IS FOUND AT THE FACILITY.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Uncased filters (oily debris) marked with start date of 11/10/16.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes:	Returned to compliance on 05/10/2017. HMCD Inspector, Ana Bui, issued an Official Notice of Inspection Report citing open violations on

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	5/9/2016 and 4/29/2015. As of 11/22/2016, no writtten response with the corrective actions taken has been submitted to HMCD for either report. See the "Comments" section below for additional information regarding what violations remain open and un-corrected.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 05/10/2017. The used oil spill bucket was noted to contain approximately 2 gallons of used oil at the beginning of the inspection. No used oil was being generated by the facility or being actively poured into the spill bucket at the time of inspection. All spills and overfills must be immediately cleaned-up and properly managed, even when contained within the spill bucket.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description:	"Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes:	Triennial testing of secondary containment was last conducted May 2016. It was due by the end of May 2019.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-09-2016
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.
Violation Notes:	Returned to compliance on 07/22/2016. ACCORDING TO THE TESTING REPORTS

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REVIEWED DURING THIS INSPECTION, THE LAST TIME THE SB989 TESTING TOOK PLACE WAS ON 10/2/2012. THIS TEST IS CONDUCTED EVERY 36 MONTHS AND IT SHOULD HAVE BEEN CONDUCTED BY 10/2/2015. HOWEVER, THE SB989 TESTING WAS CONDUCTED TODAY. YOUR NEXT ANNIVERSARY DATE FOR THE SB989 WILL BE 10/2/2018. THE SB989 TESTING CONDUCTED TODAY IS LATE. ENSURE THAT ALL FUTURE SB989 TESTING ARE CONDUCTED EVERY 36 MONTHS.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/29/2021. Labels on rolling oil collection carts is illegible 5 gallon bucket holding uncased filters at crusher is unlabeled. 5 gal pail for collection of oil under crusher is unlabeled. 10 gal steel container adjacent to crusher label is illegible and incorrect - can read "solid" but contents are clearly liquid.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 12-10-2020
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 04/29/2021. No response has been received to the 2017, 2018, or 2019 inspection reports. This is a repeat violation. Within 30 days submit written corrective responses to the NOIs issued in 2017, 2018, 2019, and this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-09-2016
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes: Returned to compliance on 09/21/2017. COMPLETE ALL UST RELATED FORMS VIA CERS TO REFLECT THE NEW OWNERSHIP CHANGE; DARYOUSH SAIFI OR REO INC., AS THE NEW OWNER. A 5 YEAR UST PERMIT WILL NOT BE ISSUED UNTIL ALL OF THE UST FORMS ARE IN ORDER VIA CERS. THIS A REPEAT VIOLATION FROM INSPECTION ON 4/29/15.

CHEVRON #9-0038 (Continued) **S105030577**

Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	1 x empty, 8 gallon, severely rusted, black drum with a hazardous waste label containing the former facility owner's information was observed behind the building near the trash dumpster. The facility changed ownership over two years ago and per on-site employees, the drum has not been used for any reason since the ownership change.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes:	Returned to compliance on 04/29/2021. The DUSTO reports for August, September and October all had veeder root tape printouts that did not match the date of the DUSTO report.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	HMBP does not account for the following: total quantity of new oil (200+ gallons), ATF (55 gal), used antifreeze (100 gal). HMBP additionally reports consumer quantities of propane, and CO2 which not used onsite.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-27-2022
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly

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	alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	DUSTO reports for June onward all have an alarm noted in section 3. Owner/operator signature is present on each of these DUSTO reports but section 5 is blank and missing corrective actions taken or to be taken in response to each compliance issue identified in Section 3 of the report by the DUSTO.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	With except of a used oil pick-up on 7/2/2015,, and a used parts washer solution pick-up on 8/27/2015, 6/29/2015, 5/7/2015, no consolidated manifests from the past 3 years are available for review.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 04/30/2021. 5 gal bucket of uncased filters at crusher is open.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

CHEVRON #9-0038 (Continued) **S105030577**

Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 10/18/2018. Updated 2018 CFO letter could not be located during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	433 gallons of motor oil was observed on-site during inspection and is routinely stored by the facility, but the facility's most recent HMBP submittal only identifies 60 gallons of motor oil as being stored on-site.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes:	- 1 x non-empty, 1 gallon container of "Synthetic DOT 3 + 4 Brake Fluid" was observed in the trash can in the middle of the service bay - 1 x non-empty, 1 gallon container of "Peak Eco Windshield Wash" was observed in the trash can near the front auto service entrance
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

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Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	12-10-2020
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 04/29/2021. Testing of monitoring equipment occurred in August. Your anniversary month for testing is April. Ensure that 2020 testing takes place in April. This is a repeat violation.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	The Overfill Prevention Equipment Inspection for this site has not occurred. It was due by 10/13/2018. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 3RD CONSECUTIVE YEAR.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	06-21-2018

CHEVRON #9-0038 (Continued) **S105030577**

Citation:	23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description:	Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 04/29/2021. Monthly DUSTO inspection reports could not be located during the inspection.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	The 87 and 91 PLLDs failed to function as required when a 3 gallon per hour leak was simulated at 10 psi. Notify our office at least 2 business days prior to when the replacement and retesting of this sensor will take place.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	05-10-2017
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 05/10/2017. Testing of the monitoring system did not occur within the month of April as is required. Testing was originally scheduled for April 27, but technician was unable to conduct testing on that date. VIOLATION HAS BEEN CORRECTED. PLEASE ENSURE ALL FUTURE TESTING TAKES PLACE IN MONTH OF APRIL.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	04-30-2021
Citation:	23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description:	"Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a

CHEVRON #9-0038 (Continued) **S105030577**

secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."

Violation Notes: The last every-36-month UST Secondary Containment (SB-989) Testing was conducted on 5/9/2016. Facility is now overdue for SB-989 testing, as the next testing due date was by October 2018. NOTE: THIS HAS BEEN ESCALATED FROM CLASS II TO CLASS I DUE TO THE NATURE OF THE VIOLATION. THIS WAS ALSO PREVIOUSLY CITED ON THE 8/21/2019 OFFICIAL NOTICE OF INSPECTION.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 04/30/2021. Manifest from 2017 (017786888JJK 10/10/17) used to ship "oily water" from tank testing. Please test all "test water" to ensure that it does not contain regulated levels of benzene as is found in gasoline, which is stored and handled by this facility.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Hazardous Waste Accumulation Area: 1 x 55 gallon, un-labeled, black drum with what looks to be a covered tire is located behind the two, 55 gallon black drums accumulating hazardous waste (one drum for metal-encased used oil filters, one drum for paper-used oil filters). The un-labeled drum could not be approached for a more thorough inspection, because aisle space was blocked by other hazardous waste drums and significant quantities of equipment. Next to Trash Dumpster: 1 x 55 gallon, blue drum with a significantly faded hazardous waste label (no legible information) contains an unknown substance.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-30-2021
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter

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16, Section(s) 2716(e)

Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes: DUSTO inspections conducted from 8/25/2020 onward were not acknowledged (signed) by the UST owner/ operator (Section 6 on the forms). All DUSTO inspection reports must be acknowledged (signed) by the UST owner/operator within 72 hours.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 06-21-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/21/2018. Site failed to update and certify its HMBP in 2016. Site did submit in 2017. NO CORRECTIVE ACTION REQUIRED.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-29-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/22/2016. CERTIFICATION OF FINANCIAL RESPONSIBILITY WAS NOT AVAILABLE DURING THIS INSPECTION FOR THE NEW OWNER NAME; DARYOUSH SAIFI. PROVIDE CFR INFORMATION VIA CERS IMMEDIATELY.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 05-10-2017

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Citation:	HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description:	UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes:	Returned to compliance on 05/10/2017. Facility has failed to submit the test results from both the 2015 and 2016 annual monitoring system certifications. THIS IS A REPET VIOLATION FROM THE 2016 INSPECTION. Copies of the certifications were available onsite, and were scanned by inspector.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	08-21-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Overfill prevention equipment inspection for this site has not occurred. This inspection was due by 10/13/18.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	401453
Site Name:	SANTA TERESA CHEVRON
Violation Date:	11-22-2016
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	With exception of a bill of lading from a "drained used oil filters"

CHEVRON #9-0038 (Continued) **S105030577**

shipment on 6/29/2015, no bills of lading for used oil filter disposal from the past 3 years are available for review. It is of note that the 55 gallon drum accumulating metal-encased used oil filters is marked with an accumulation date of 11/10/2016 on a Safety-Kleen created hazardous waste label.

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Larger, Outside, Fenced-In Area: Free-flowing quantities of automotive transmission fluid (ATF) spilling from the ATF drum and used oil draining off of engines (covered by blue tarps) and other equipment is observed on the bermed, concrete pad. Additionally, significant quantities of dried, used oil residue is noted on the concrete pad and on the outside of the two, white 5 gallon buckets and one, blue 5 gallon bucket accumulating used oil.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Facility is currently operating without a valid UST Permit to Operate due to outstanding violations that still need to be addressed. NOTE: THIS VIOLATION HAS BEEN ESCALATED FROM CLASS II TO CLASS I, AS IT HAS NOW BEEN CITED FOR THE 8TH CONSECUTIVE YEAR.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 11-22-2016
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Hazardous waste container area inspections are not being conducted weekly as evidenced by the number and type of violations observed during inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW

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Violation Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Violation Date: 04-27-2022
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: No response to the Notice of Inspection dated 4/30/2021 is documented to be received by our office. Correct all outstanding violations and submit to HMCD within 30 days with responses written in the Notice of Violation for 4/30/2021 and today's NOI.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON SITE WITH ANTHONY VAN GINKEL AN ICC CERTIFIED TECHNICIAN WITH TANKNOLOGY TO OVERSEE THE ANNUAL MONITORING CERTIFICATION. ANTHONY'S CERTIFICATION WERE VERIFIED TO BE CURRENT, ICC EXP:3-29-15, VEEDER-ROOT EXP:1-8-15, AND TANKNOLOGY CERTIFICATION FOR THE LINE LEAK DETECTOR EXP: 12-1-22. THE FOLLOWING COMPONENTS WERE TESTED AND FOUND TO BE OPERABLE: -ANNUAL LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM -FILL SUMP LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM -STP SUMP LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM AND SHUT DOWN THE PUMP -UDC LIQUID SENSORS WHEN DETECTED A LEAK TRIGGERED AN AUDIBLE/VISUAL ALARM AND SHUT DOWN THE PUMP -THE SPILL BUCKETS WERE VACUUM TESTED AT 40 IN HG FOR 1 MINUTE -VERIFIED FAIL SAFE AND SENSOR OUT -VERIFIED PUMP SHUT DOWN WHEN THE EMERGENCY STOP WAS ACTIVATED
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON-SITE ON 5/3/16 FOR PARTIAL SB989 TESTING. TESTING WAS CONDUCTED BY ANEIL CHAND WITH PINNACLE FUELS. MR. CHAND HAS CURRENT ICC, VR AND CALDWELL TESTER CERTIFICATIONS, THESE WERE REVIEWED DURING THIS INSPECTION. THE FOLLOWING COMPONENTS WERE TESTED AT THIS TIME AND PASSED; - DIESEL STP SUMP WAS HYDROSTATICALLY TESTED FOR 30 MINUTES AND PASSED USING THE CALDWELL ACCELERATED TESTER. - UDC 1/2 AND 3/4 SUMPS WERE HYDROSTATICALLY TESTED FOR 15 MINUTES AND PASSED USING THE CALDWELL ACCELERATED TESTER. - DIESEL SECONDARY LINE WAS PRESSURE TESTED FOR AN HOUR AT 5 P.S.I. NOTES: 1) WITHIN 30 DAYS PROVIDE A COPY TO OUR OFFICE OF TODAY'S TESTING REPORT.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

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Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee annual UST monitoring system certification conducted by Pinnacle Fuel Compliance Services . Technician Aneil Chand holds current ICC, VR and VMI certifications on date of inspection. 4 tank system, 87, 91, diesel and used oil. All tanks 12,000 gallons except used oil which is 1000 gal. The following sensors were tested during the inspection and provided visual alarms at the monitoring panel**: 87, 91, diesel and used oil annual sensors. 87, 91, diesel turbine (STP) sump sensors. These sensors also provided shutdown of turbines upon activation. 87, 91, diesel fill sump sensors. UDC 1/2, 3/4, 5/6, and 7/8 containment sensors. These sensors also provided shutdown of turbines upon activation. PLLD Q1, Q2, and Q3 (87, 91, diesel). These sensors also provided shutdown of turbines upon activation. ** Audible alarm was non-functional on signals except from used oil annular. Signal is weak and not able to be heard unless monitoring panel is open. Need to [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS 10354456 annual submittal 9/21/17 (with additional 7/4 and 5/6/17) 5/11/15 map, emergency plan and training plan OK
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Site operates UST system as well as auto repair ID number CAL000212939, active as of inspection USed oil to UST, waste antifreeze to poly tank. All other wastes to drums or buckets. Emergency info posted in store room on door to office. Extinguishers 3/18. Rags to Cintas, batteries to interstate Reviewed receipts/manifests from 2015-2018.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous waste inspection. The facility is a gas station and automotive repair center that specializes in routine automotive maintenance and repair activities, such oil and coolant changes and occasional brake maintenance activities. No autobody work is conducted. Hazardous wastes routinely generated include used oil, used antifreeze, used parts washing solution,

CHEVRON #9-0038 (Continued) **S105030577**

metal-encased used oil filters, used oil-saturated debris (paper used oil filters), used absorbent, and used brake fluid. Used antifreeze is accumulated in an approximately 100 gallon aboveground tank located in the larger, outside, fenced-in area. Paper-used oil filters are separated from metal-encased used oil filters. Each waste stream is accumulated in a 55 gallon drum next to the used antifreeze tank. Per facility staff, the paper-used oil filters are managed as hazardous waste and the metal-encased used oil filters are managed in accordance with "drained used oil and gasoline [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring certification with Aneil Chand of Pinnacle Fuel Compliance Services. Mr. Chand's certifications were verified and current. 4 tanks: 87, 91, diesel and waste oil All sensors failed testing today due to the annunciator in the monitoring panel functioning as required. Spill buckets were hydrostatically tested for at least 60 minutes. No loss was observed. Site set up and alarm history were reviewed. DUSTO monthly reports, and employee training were reviewed on site Facility's last CERS submittal was 7/5/2021 Submit a copy of the spill bucket test report within 30 days of the test date. Note: YOUR ANNUAL MONITORING CERTIFICATION IS DUE BY THE END OF THIS MONTH, APRIL. PLEASE CONTACT OUR OFFICE WHEN YOU ARE READY TO COMPLETE YOUR AMC.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TESTING OF THE MONITORING EQUIPMENT TOOK PLACE ON 5/3/16 AND INSPECTION REPORT WAS ISSUED TODAY. TESTING WAS CONDUCTED BY JEFF CONGER WITH PINNACLE FUELS. MR. CONGER'S ICC (EXP.,2/10/17) AND VEEDER ROOT (EXP., 1/26/2017) CERTIFICATIONS ARE CURRENT. PRIOR TO AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS AT THE VEEDER ROOT PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTIONS - 3 STP SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - 3 FILL SUMP SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. - 4 ANNULAR SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. (INCLUDING USED OIL TANK) - 5 UDC SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED DURING THIS INSPECTION. - FLAPPER VALVES IS INSTALLED IN ALL THREE FUEL TANKS FOR OVERFILL PREVENTION. - 4 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED. - 3 PLLD'S WERE TESTED AND PASSED DURING TODAY'S [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

CHEVRON #9-0038 (Continued) **S105030577**

Eval Date: 11-03-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I am on site at 6069 Cottle Rd, Santa Theresa Chevron, San Jose for the 2022 UST Secondary Containment Testing and Certification inspection. Daryoush Saifi, STATION OPERATOR is on site to provide facility access and records review. Aneal Chand, Pinnacle Fuel Compliance, Owner, UST Service Tech, is on site to conduct the Secondary Containment testing. ICC# and all equipment certifications, OK Four USTs. Tank ID # 90038-2 - CERS TankID # 10354456-002 tested at -10 inches, hold for 60 minutes, OK Tank ID # 90038-4 - CERS TankID # 10354456-004 tested at -10 inches, hold for 60 minutes, OK Tank ID # 90038-1 - CERS TankID # 10354456-001 tested at -10 inches, hold for 60 minutes, OK Tank ID # 90038-3 - CERS TankID # 10354456-003 tested at -10 inches, hold for 60 minutes, OK Four UDC Sumps, Fiberglass, tested with water at more than 4 inches above the highest penetrations, Measured via Caldwell set-up, 60 minutes, No Drop in measurement, OK Six Dispensers [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Noted that prior notice of inspeciton has not been responded to. HMBP submitted 5/10/17 during inspection. Unable to verify as CERS is down on date of inspection.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee annual UST monitoring system certification conducted by Pinnacle Fuel Compliance Services . Technician Aneil Chand holds current ICC, VR and VMI certifications on date of inspection. 4 tank system, 87, 91, diesel and used oil. All tanks 12,000 gallons except used oil which is 1000 gal. The following sensors were tested during the inspection and provided visual alarms at the monitoring panel: 87, 91, diesel and used oil annual sensors. 87, 91, diesel turbine (STP) sump sensors. These sensors also provided shutdown of turbines upon activation. 87, 91, diesel fill sump sensors. UDC 1/2, 3/4, 5/6, 7/8 and 9/10 containment sensors. These sensors also provided shutdown of turbines upon activation. PLLD Q1, Q2, and Q3 (87, 91, diesel). These sensors also provided shutdown of turbines upon activation Fail safe and sensor out confirmed to shutdown turbines. Spill buckets tested for one hour without loss of liquid. 87, 91, diesel tank overfill [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

CHEVRON #9-0038 (Continued) **S105030577**

Eval Date: 08-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring certification testing with Jeff Conger of Pinnacle Fuel Compliance Services, Inc. Mr. Conger's certifications were verified and current. 4 tanks: 87, 91, diesel and waste oil The following components were tested and functioned as required: - tank annular sensors; audible and visual alarm - STP sump sensors; positive shutdown was observed - UDC liquid sensors; positive shutdown was observed - sensor out and fail safe; positive shutdown was observed - electronic line leak detectors; gross line fail was observed - spill buckets were hydrostatically tested for 1 hour with no loss DUSTO monthly reports, and annual employee training were reviewed and current Facility's last UST CERS submittal is dated 10/18/18 Submit a copy of the completed monitoring system certification form and spill bucket test report within 30 days
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TESTING OF THE MONITORING EQUIPMENT TOOK PLACE ON 4/23/15 AND INSPECTION REPORT WAS ISSUED TODAY. TESTING WAS CONDUCTED BY JEFF CONGER WITH PINNACLE FUELS. MR. CONGER'S ICC AND VEEDER ROOT CERTIFICATIONS ARE CURRENT. PRIOR TO AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS AT THE VEEDER ROOT PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTIONS - 3 STP SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - 3 FILL SUMP SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. - 4 ANNULAR SENSORS PROVIDED AN AUDIBLE/VISUAL ALARM. (INCLUDING USED OIL TANK) - 5 UDC SUMP SENSORS PROVIDED A POSITIVE SHUT-DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED DURING THIS INSPECTION. - FLAPPER VALVES IS INSTALLED IN ALL THREE FUEL TANKS FOR OVERFILL PREVENTION. - 4 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED. - 3 PLLD'S WERE TESTED AND PASSED DURING TODAY'S INSPECTION. THE FOLLOWING [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to witness the Annual Monitoring System Certification testing. Inspection was conducted on 4/29/2021 and concluded on 4/30/2021 with delivery of this report. The lead UST service technician who conducted testing was Aneil Chand of Pinnacle Fuel Compliance Services, Inc. Mr. Chand had the following required certifications: - ICC UST Service Technician (exp. 5/27/2022) - Veeder-Root TLS-3XX (exp. 3/12/2022) - Caldwell Accelerated Tester (exp. 2/2024) - Vaporless LDT-890 Tester (exp. 3/11/2022) > VMI LDT-890 Tester was last calibrated on: 7/15/2019 Facility has 4 USTs: 87, 91, Diesel, and Waste Oil. The following components were tested and passed: > 87, 91, and Diesel USTs

CHEVRON #9-0038 (Continued) **S105030577**

- Annular sensors (3) and Fill Sump sensors (3) were tested in water and triggered audible/ visual alarm at the monitoring panel. - STP sump sensors (3) were tested in water and triggered audible/ visual alarm at the monitoring panel as well as turbine shutdown. - Diesel PLLD was tested [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Provided copy of 11/2016 inspection report for response. Noted that used oil spill bucket had been emptied and cleaned (T090)

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a routine hazardous materials business plan (HMBP) inspection. The following hazardous materials/wastes at or above HMBP-reportable thresholds: 1) Used Oil Underground Tank (1,000 gallons) + Plastic Carboy (8 gallon) Used Oil Roller (15 gallon): 1,023 gallons total 2) Used Antifreeze/Coolant Aboveground Tank: Approximately 100 gallons total 3) Motor Oil: 433 gallons - 5W-30 Tank: 100 gallons - 5W-20 Tank: 100 gallons + 5W-20 Containers: 90 gallons - Automotive Transmission Fluid Drum: 55 gallons - 10W-30 Containers: 20 gallons - 15W-30 Containers: 20 gallons - 5W-40 Containers: 48 gallons 4) Antifreeze/Coolant 50/50 Pre-Diluted Containers: 100 gallons 5) Gasoline (87-Grade - 12,000 gallons, 91-Grade - 12,000 gallons) Underground Tanks: 24,000 gallons total 6) Diesel Underground Tank: 12,000 gallons total It is of note that 30 gallons of parts washing solution, approximately 300 pounds of metal-encased used oil filters, approximately [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: While on-site to conduct a routine hazardous waste and HMBP inspection, the above-listed UST violations were observed. The scope of this UST inspection only encompasses the above-listed violations and verification that the below-listed violations remain un-corrected. Additionally, the following violations remain open and un-corrected from the Official Notices of Inspection issued on 5/9/2016 and 4/29/2015: T000: UST Permit to Operate (5/9/2016, 4/29/2015) T010: UST Monitoring Plan (5/9/2016, 4/29/2015) T014: UST Response Plan (5/9/2016, 4/29/2015) T020: UST Financial Responsibility (5/9/2016, 4/29/2015) T054: Record Keeping: Monitoring Records (5/9/2016) T490: Submittal of UST Equipment Testing Reports (5/9/2016) This inspection

CHEVRON #9-0038 (Continued) **S105030577**

was conducted on 11/22/2016, the report was reviewed with facility employees on 11/22/2016, and issued to the owner, Daryoush (Dave) Saifi on 11/30/2016.

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to review facility's paperwork as part of the annual monitoring system certification performed on 8/20/20 during the COVID 19 emergency when a CUPA inspector was not present on site. Facility's last annual monitoring system certification with an inspector present was in August 2019. DUSTO monthly reports and employee training were reviewed. Your next annual monitoring system certification is due by April 2021.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Site Address: 6096 COTTLE RD
Site City: SAN JOSE
Site Zip: 95123
Enf Action Date: 04-11-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 401453
Site Name: SANTA TERESA CHEVRON
Site Address: 6096 COTTLE RD
Site City: SAN JOSE
Site Zip: 95123
Enf Action Date: 04-29-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 401453
Facility Name: SANTA TERESA CHEVRON
Env Int Type Code: HMBP
Program ID: 10354456
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,

CHEVRON #9-0038 (Continued) **S105030577**

Latitude: 37.237440
Longitude: -121.803240

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 6096 Cottle Rd
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95123
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Aneil Chand
Entity Title: UST Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Santa Teresa Chevron
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Operator
Entity Name: REO,Inc dba; Santa Teresa Chevron
Entity Title: Not reported
Affiliation Address: 6096 Cottle Road
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95123
Affiliation Phone: (408) 226-7414,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400,

Affiliation Type Desc: Document Preparer
Entity Name: Aneil Chand
Entity Title: Not reported

CHEVRON #9-0038 (Continued) **S105030577**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	DARYOUSH SAIFI
Entity Title:	Not reported
Affiliation Address:	6051 Gleneagles Cir
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95138
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	REO Inc.
Entity Title:	Not reported
Affiliation Address:	6051 Gleneagles Cir
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95138
Affiliation Phone:	(408) 482-8533,
Affiliation Type Desc:	Operator
Entity Name:	REO Inc, DBS Santa Teresa Chevron
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 226-7414,
Affiliation Type Desc:	Property Owner
Entity Name:	Daryoush & Susan Saifi
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Road
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 912-5250,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Daryoush Saifi
Entity Title:	CFO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 482-8533,

CHEVRON #9-0038 (Continued) **S105030577**

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Daryoush Saifi
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Rd
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 226-7414,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Daryoush & Susan Saifi
Entity Title:	Not reported
Affiliation Address:	6096 Cottle Rd
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95123
Affiliation Phone:	(408) 912-5250,

I58 **CHEVRON** **LUST** **S110060579**
WSW **6096 COTTLE** **Cortese** **N/A**
1/4-1/2 **SAN JOSE, CA 95123** **HIST CORTESE**
0.316 mi. **CERS**
1670 ft. **Site 2 of 2 in cluster I**

Relative: **Lower**

Actual: **188 ft.**

LUST:

Name:	CHEVRON #9-0038
Address:	6096 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501820
Global Id:	T0608501820
Latitude:	37.2373333333333
Longitude:	-121.803416666667
Status:	Completed - Case Closed
Status Date:	09/25/2007
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	08S2E18E01f
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Digitized From APN (Acessor Parcel Maps)
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	11/04/1994
Leak Reported Date:	05/01/1995
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported

CHEVRON (Continued) **S110060579**

No Further Action Date: 09/25/2007
CA Water Watershed Name: Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 16-20%
CA Enviroscreen 4 Score: 30-35%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0608501820
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 01/13/1998
Action: Staff Letter - #19018

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 03/12/1998
Action: Staff Letter - #19027

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 04/30/1998
Action: Staff Letter - #19033

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/10/1998
Action: Staff Letter - #19037

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 07/15/1998
Action: Staff Letter - #19043

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/13/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2002
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/20/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/14/1998
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/31/2004
Action: Remedial Progress Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/31/1999
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 01/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/31/1999
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/20/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/01/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: REMEDIATION
Date: 03/01/1998
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501820
Action Type: REMEDIATION
Date: 12/01/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501820
Action Type: REMEDIATION
Date: 04/01/1998
Action: Excavation

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 08/24/2006
Action: * No Action - #60428

Global Id: T0608501820
Action Type: Other
Date: 11/04/1994
Action: Leak Discovery

Global Id: T0608501820
Action Type: Other
Date: 05/01/1995
Action: Leak Reported

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/30/2001
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/24/2006
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/05/1998
Action: NPDES / WDR Reports

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/30/1998
Action: Staff Letter - #19047

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 07/30/1998
Action: Staff Letter - #19045

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 10/21/2000
Action: Staff Letter - #19062

Global Id: T0608501820
Action Type: ENFORCEMENT

CHEVRON (Continued) **S110060579**

Date: 12/02/2000
Action: Staff Letter - #19064

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 03/09/2001
Action: Staff Letter - #19066

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/08/2001
Action: Staff Letter - #19072

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 08/28/2001
Action: Staff Letter - #19074

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 12/10/2001
Action: Staff Letter - #19080

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 05/01/2002
Action: Staff Letter - #38432

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 11/01/2003
Action: Staff Letter - #43922

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 10/01/2004
Action: Staff Letter - #45931

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 01/10/2006
Action: Staff Letter - #600110

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 09/25/2007
Action: Closure/No Further Action Letter - #72529

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: Other Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/31/2003
Action: Monitoring Report - Quarterly

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/31/2005
Action: Remedial Progress Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/29/1999
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/31/2006
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/12/1990
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/11/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/29/1999
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/29/2004
Action: Remedial Progress Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/19/2000
Action: Verbal Communication

Global Id: T0608501820
Action Type: RESPONSE
Date: 12/01/1999
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 09/24/2007
Action: Well Destruction Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/01/2002
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 05/13/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 09/05/2006
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/13/1998
Action: Other Workplan

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 03/17/1997
Action: Notice of Responsibility - #39260

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 12/16/1997
Action: Staff Letter - #19052

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 02/05/1998
Action: Staff Letter - #19023

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 02/18/1998
Action: Staff Letter - #19025

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 04/15/1998
Action: Staff Letter - #19031

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 05/20/1998
Action: Staff Letter - #19035

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/08/1998
Action: Staff Letter - #19041

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 06/15/1998
Action: Staff Letter - #19039

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 11/01/2006
Action: Correspondence

Global Id: T0608501820
Action Type: RESPONSE
Date: 02/27/1998
Action: Interim Remedial Action Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/21/2005
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 09/24/2007
Action: Well Destruction Report

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/20/1998
Action: Unauthorized Release Form

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/21/2005
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/05/2000
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE

CHEVRON (Continued) **S110060579**

Date: 06/26/1989
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 08/14/1998
Action: CAP/RAP - Other Report

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 09/25/2007
Action: Closure/No Further Action Letter

Global Id: T0608501820
Action Type: ENFORCEMENT
Date: 09/25/2007
Action: Closure/No Further Action Letter

Global Id: T0608501820
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 06/15/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 02/17/1998
Action: Other Report / Document

Global Id: T0608501820
Action Type: RESPONSE
Date: 03/13/1998
Action: Interim Remedial Action Plan

Global Id: T0608501820
Action Type: RESPONSE
Date: 03/20/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608501820
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

CHEVRON (Continued) **S110060579**

Global Id: T0608501820
Action Type: RESPONSE
Date: 01/30/2001
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0608501820
Status: Open - Case Begin Date
Status Date: 11/04/1994

Global Id: T0608501820
Status: Open - Site Assessment
Status Date: 11/30/1994

Global Id: T0608501820
Status: Open - Remediation
Status Date: 03/01/1998

Global Id: T0608501820
Status: Open - Site Assessment
Status Date: 04/01/1998

Global Id: T0608501820
Status: Open - Remediation
Status Date: 08/14/1998

Global Id: T0608501820
Status: Open - Verification Monitoring
Status Date: 02/22/2005

Global Id: T0608501820
Status: Completed - Case Closed
Status Date: 09/25/2007

LUST SANTA CLARA:
Name: CHEVRON #9-0038
Address: 6096 COTTLE RD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18E01F
Date Closed: 09/25/2007
EDR Link ID: 08S2E18E01F

CORTESE:
Name: CHEVRON #9-0038
Address: 6096 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608501820
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported

CHEVRON (Continued) **S110060579**

Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CHEVRON
edr_fadd1:	6096 COTTLE
City,State,Zip:	SAN JOSE, CA 95123
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-1902

CERS:

Name:	CHEVRON #9-0038
Address:	6096 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	643591
CERS ID:	T0608501820
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

J59 **UNOCAL #5995** **LUST** **S100947548**
SW **6211 SANTA TERESA BOULEVARD** **Cortese** **N/A**
1/4-1/2 **SAN JOSE, CA 95119** **ENF**
0.355 mi. **HIST CORTESE**
1877 ft. **Site 1 of 2 in cluster J** **HAZMAT**
CIWQS
Relative: **CERS**
Lower

Actual: **187 ft.**

LUST:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site

UNOCAL #5995 (Continued) **S100947548**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608590617
Global Id:	T0608590617
Latitude:	37.236583
Longitude:	-121.803468
Status:	Completed - Case Closed
Status Date:	10/24/1991
Case Worker:	DEH
RB Case Number:	Not reported
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	06/22/1990
Leak Reported Date:	06/22/1990
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/24/1991
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608590617
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DEH CASEWORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	smp@deh.sccgov.org
Phone Number:	4089183400

Global Id:	T0608590617
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608590617

UNOCAL #5995 (Continued) **S100947548**

Action Type: RESPONSE
Date: 10/24/1991
Action: Other Report / Document

Global Id: T0608590617
Action Type: Other
Date: 06/22/1990
Action: Leak Reported

Global Id: T0608590617
Action Type: ENFORCEMENT
Date: 10/24/1991
Action: Closure/No Further Action Letter

Global Id: T0608590617
Action Type: ENFORCEMENT
Date: 07/01/1991
Action: Notice of Responsibility - #39263

LUST:
Global Id: T0608590617
Status: Open - Case Begin Date
Status Date: 06/22/1990

Global Id: T0608590617
Status: Open - Site Assessment
Status Date: 07/01/1991

Global Id: T0608590617
Status: Completed - Case Closed
Status Date: 10/24/1991

Name: UNOCAL #5995
Address: 6211 SANTA TERESA BOULEVARD
City,State,Zip: SAN JOSE, CA 95119
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501533
Global Id: T0608501533
Latitude: 37.2365982515312
Longitude: -121.803338527679
Status: Completed - Case Closed
Status Date: 11/02/2015
Case Worker: DEH
RB Case Number: 21-086
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 08S2E18M02f
Potential Media Affect: Soil, Well used for drinking water supply
Potential Contaminants of Concern: Benzene, Toluene, Xylene, MTBE / TBA / Other Fuel Oxygenates, Gasoline
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 01/20/1998
Leak Reported Date: 01/20/1998

UNOCAL #5995 (Continued) **S100947548**

How Discovered:	Subsurface Monitoring
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not stopped - Pending verification of source
No Further Action Date:	11/02/2015
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The site has been monitored since 1998. Groundwater Sampling includes 25 onsite and offsite monitoring wells and 5 extraction wells. The following is a summary from the second quarter 2011 monitoring report: TPH -G was reported in only one of the sampled wells during the current quarter (MW -16 at 88 ug/l); benzene was reported in two of the sampled wells during the current quarter (maximum concentration of 8.1 ug/l in MW-16). MTBE concentrations in groundwater, which range from low (maximum of 13 ug/l during the current quarter) to below the laboratory reporting limit, are expected to continue to decline. MTBE was reported in wells EW -3, MW 4, and MW -5, at concentrations consistent with decreasing trends. The maximum MTBE concentration (13 ug/l) was detected in zone A3 well MW-4, located immediately adjacent (southeast corner) of the site USTs. Groundwater flow in this zone, and the A1/A2 zone is most frequently toward the south (southeast & southwest), away from the Great Oaks wells which lie north of the site. TPH -D detection above the California Regional Quality Control Board, San Francisco Bay Region Environmental Screening Level (ESL) of 100 ug/l, at a concentration of 420 ug/l. All other TPH--D detections were below ESL. During the second quarter monitoring event, well MW -28 reported detectable concentrations of TPH]D (89 ug/l) and benzene (0.69 ug/l). A site visit revealed that the well box seal was compromised and allowed rainwater runoff in the parking lot to enter the well box and possibly the well itself. These detections may be due to the faulty well box seal. The well box was repaired in April 2011, and prior to sampling, the well was purged of six casing volumes in an effort to remove any runoff which may have accumulated in the well. In the previous quarter, the concentration of MTBE in well MW -28 was reported above the ESL of 5 ug/l with a concentration of 9 ug/l. In the current quarter, MTBE was not reported in MW-28. The second quarter 2011 sampling event marks the sixth post -remediation monitoring event. Antea Group has submitted a closure summary form and the Request for Case Closure, dated February 23, 2011, to the SCCDEH. The SCCDEH has not yet responded to the request.

LUST:

Global Id:	T0608501533
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DEH CASEWORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	smp@deh.sccgov.org

UNOCAL #5995 (Continued) **S100947548**

Phone Number: 4089183400

LUST:

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 04/04/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 04/09/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/20/2009
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/08/2013
Action: Request for Closure - Regulator Responded

Global Id: T0608501533
Action Type: REMEDIATION
Date: 11/02/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501533
Action Type: REMEDIATION
Date: 11/02/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501533
Action Type: REMEDIATION
Date: 08/18/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501533
Action Type: REMEDIATION
Date: 01/20/1998
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 12/02/2008
Action: Staff Letter - #80022021

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 11/12/2009
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 12/24/1999
Action: 13267 Requirement

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/16/2014
Action: Rescission of Enforcement Action

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 08/26/2015
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 10/16/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 02/27/2015
Action: Staff Letter

Global Id: T0608501533
Action Type: Other
Date: 01/20/1998
Action: Leak Discovery

Global Id: T0608501533
Action Type: Other
Date: 01/20/1998
Action: Leak Reported

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/27/2008
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1998
Action: Remedial Progress Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/03/2005
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/09/1998
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/24/2008
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: ENFORCEMENT

UNOCAL #5995 (Continued) **S100947548**

Date: 04/25/2006
Action: Staff Letter - #60425

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 09/22/2009
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 08/15/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/29/2015
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 11/02/2015
Action: Closure/No Further Action Letter

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/01/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/15/2010
Action: Well Destruction Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/30/2015
Action: Email Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/29/2004
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/07/2014
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/07/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/04/1998
Action: NPDES / WDR Reports

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/28/2000
Action: Remedial Progress Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/20/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/16/1998
Action: Other Workplan

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 09/26/2008
Action: Staff Letter - #80026290

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/10/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/19/2001
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 01/26/2001
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/08/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/10/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/01/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/19/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/24/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/12/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/29/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/30/1998
Action: Soil and Water Investigation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/01/1951
Action: Other Report / Document

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/18/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/13/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1998
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/18/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Interim Remedial Action Plan

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/07/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/18/2002
Action: Monitoring Report - Quarterly

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/30/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 10/24/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 06/24/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/24/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/12/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/13/1999
Action: Monitoring Report - Other

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/15/1998
Action: Soil and Water Investigation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/31/2000
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/24/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/31/2001
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/11/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/21/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/10/1998
Action: Other Workplan

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/21/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/10/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/07/1998
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/17/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/05/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/15/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/13/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 06/13/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/22/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/22/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/13/2001
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/06/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/30/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/12/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/07/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/12/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/11/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/12/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/04/1999
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/10/1998
Action: Site Assessment Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/01/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/29/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/14/1998
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/30/2000
Action: Remedial Progress Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/1999
Action: Well Installation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/20/1999
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/13/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 02/29/2000
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608501533
Action Type: RESPONSE
Date: 09/02/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 07/15/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/15/1999
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/10/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/01/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/20/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/14/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/10/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/09/2002
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 04/21/1998
Action: Other Report / Document

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/17/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/30/2000
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/25/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 06/18/1998
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/08/2013
Action: Request for Closure

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/24/2015
Action: Well Destruction Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/16/2014
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/24/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/25/2005
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/14/2000
Action: Well Installation Report

Global Id: T0608501533
Action Type: RESPONSE

UNOCAL #5995 (Continued) **S100947548**

Date: 08/10/1998
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/08/2001
Action: Verbal Communication

Global Id: T0608501533
Action Type: RESPONSE
Date: 05/28/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/30/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/12/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/21/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/20/1998
Action: Unauthorized Release Form

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/28/1994
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 12/01/2006
Action: Soil and Water Investigation Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/24/1998
Action: Interim Remedial Action Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/31/2000
Action: CAP/RAP - Other Report

Global Id: T0608501533
Action Type: RESPONSE
Date: 08/01/1998
Action: CAP/RAP - Feasibility Study Report

UNOCAL #5995 (Continued) **S100947548**

Global Id: T0608501533
Action Type: RESPONSE
Date: 03/16/1999
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 02/25/2011
Action: Other Report / Document

Global Id: T0608501533
Action Type: RESPONSE
Date: 11/27/2001
Action: Correspondence

Global Id: T0608501533
Action Type: RESPONSE
Date: 01/01/2000
Action: Other Report / Document

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 01/01/2000
Action: Clean-up and Abatement Order

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 07/03/1998
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/14/1998
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 06/25/1998
Action: Preparation of Agenda Item

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 12/28/1999
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 05/19/2000
Action: 13267 Requirement

Global Id: T0608501533
Action Type: ENFORCEMENT

UNOCAL #5995 (Continued) **S100947548**

Date: 09/02/2011
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Staff Letter

Global Id: T0608501533
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Email Correspondence

LUST:
Global Id: T0608501533
Status: Open - Case Begin Date
Status Date: 01/20/1998

Global Id: T0608501533
Status: Open - Site Assessment
Status Date: 01/21/1998

Global Id: T0608501533
Status: Open - Remediation
Status Date: 11/02/2000

Global Id: T0608501533
Status: Open - Eligible for Closure
Status Date: 06/07/2013

Global Id: T0608501533
Status: Completed - Case Closed
Status Date: 11/02/2015

LUST SANTA CLARA:
Name: UNOCAL #5995
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18M02F
Date Closed: Not reported
EDR Link ID: 08S2E18M02F

Name: UNOCAL #5995
Address: 6211 SANTA TERESA BLVD
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
SCVWD ID: 08S2E18M01F
Date Closed: 10/24/1991
EDR Link ID: 08S2E18M01F

CORTESE:
Name: 6211 SANTA TERESA-SJ, UNION 76
Address: 6211 SANTA TERESA
City,State,Zip: SAN JOSE, CA 95123

UNOCAL #5995 (Continued) **S100947548**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	R2-2006-0075
Waste Discharge System No:	Not reported
Effective Date:	05/29/1998
Region 2:	2
WID Id:	2 438547002
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BOULEVARD
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608501533
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Region:	2
Facility Id:	203459
Agency Name:	ConocoPhillips Company Sacramento
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities

UNOCAL #5995 (Continued) **S100947548**

Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.235
Place Longitude:	-121.80472
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438547002
Reg Measure Id:	183211
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2006-0075
Npdes# CA#:	CAG912002
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Historical
Status Date:	02/03/2010
Effective Date:	05/29/1998
Expiration/Review Date:	09/19/2006
Termination Date:	12/13/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive

UNOCAL #5995 (Continued) **S100947548**

Enforcement Id(EID):	242783
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	02/21/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/21/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438547002
Description:	Unauthorized discharge of 4,150 gal. of partially treated groundwater contaminated with MtBE.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	11/14/2001
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Region:	2
Facility Id:	203459
Agency Name:	ConocoPhillips Company Sacramento
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.235
Place Longitude:	-121.80472
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0144
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water

UNOCAL #5995 (Continued) **S100947548**

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438547002
Reg Measure Id:	183211
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2006-0075
Npdes# CA#:	CAG912002
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Historical
Status Date:	02/03/2010
Effective Date:	05/29/1998
Expiration/Review Date:	09/19/2006
Termination Date:	12/13/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	226716
Region:	2
Order / Resolution Number:	R2-2000-0001
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	01/20/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438547002
Description:	Not reported
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

UNOCAL #5995 (Continued) **S100947548**

HIST CORTESE:

edr_fname:	UNOCAL
edr_fadd1:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-1573

SAN JOSE HAZMAT:

Name:	SANTA TERESA UNOCAL
Address:	6211 SANTA TERESA BL
City,State,Zip:	SAN JOSE, CA 95119
Region:	SAN JOSE
File Num:	400733
Class:	Gasoline Station

CIWQS:

Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Agency:	ConocoPhillips Company Sacramento
Agency Address:	76 Broadway, Sacramento, CA 95818
Place/Project Type:	Other
SIC/NAICS:	5541
Region:	2
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	R2-2006-0075
WDID:	2 438547002
NPDES Number:	CAG912002
Adoption Date:	Not reported
Effective Date:	05/29/1998
Termination Date:	12/13/2007
Expiration/Review Date:	09/19/2006
Design Flow:	0.0144
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.235
Longitude:	-121.80472

CERS:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	693968
CERS ID:	T0608590617
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DEH CASEWORKER - SANTA CLARA COUNTY LOP

UNOCAL #5995 (Continued) **S100947548**

Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BOULEVARD
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	693967
CERS ID:	T0608501533
CERS Description:	Leaking Underground Storage Tank Cleanup Site
Name:	6211 SANTA TERESA-SJ, UNION 76
Address:	6211 SANTA TERESA
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	348440
CERS ID:	203459
CERS Description:	NPDES Wastewater and Stormwater

Enforcement Action:

Site ID:	348440
Site Name:	6211 Santa Teresa-SJ, UNION 76
Site Address:	6211 SANTA TERESA
Site City:	SAN JOSE
Site Zip:	95123
Enf Action Date:	01-20-2000
Enf Action Type:	Clean-up and Abatement Order
Enf Action Description:	Clean-up and Abatement Order
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC
Enf Action Source:	CIWQS,
Site ID:	348440
Site Name:	6211 Santa Teresa-SJ, UNION 76
Site Address:	6211 SANTA TERESA
Site City:	SAN JOSE
Site Zip:	95123
Enf Action Date:	02-21-2002
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC

UNOCAL #5995 (Continued) **S100947548**

Enf Action Source: CIWQS,

J60 **UNOCAL #5995** **LUST** **1000167301**
SW **6211 SANTA TERESA BLVD** **HIST LUST** **N/A**
1/4-1/2 **SAN JOSE, CA 95119** **HIST UST**
0.355 mi. **Cortese**
1877 ft. **Site 2 of 2 in cluster J** **EMI**

Relative:
Lower

Actual:
187 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 08S2E18M01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 7/1/1991
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Id: Not reported
Facility Status: Remedial action (cleanup) Underway
Case Number: 08S2E18M02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/21/1998
Pollution Characterization Began: 1/21/1998
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 11/2/2000
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
Name: Unocal #5995
Address: 6211 Santa Teresa Blvd
City: San Jose
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 08S2E18M01
Oversite Agency: SCVWD
Date Listed: 1991-01-03 00:00:00
Closed Date: 1991-10-24 00:00:00

Name: Unocal #5995
Address: 6211 Santa Teresa Blvd
City: San Jose
Region: SANTA CLARA

UNOCAL #5995 (Continued) **1000167301**

Region Code: 2
SCVWD ID: 08S2E18M02
Oversite Agency: SCVWD
Date Listed: 1998-01-20 00:00:00
Closed Date: Not reported

HIST UST:

Name:	UNION OIL SS 5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
File Number:	000209fb
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/000209fb.pdf
Region:	STATE
Facility ID:	00000060736
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SANTA TERESA UNION, INC.
Telephone:	4082276176
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST., SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0001
Tank Num:	001
Container Num:	5995-10-1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	001
Container Num:	5995-10-1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CORTESE:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608590617
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported

UNOCAL #5995 (Continued) **1000167301**

Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2017
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.36136518
Reactive Organic Gases Tons/Yr:	0.36136518
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2018
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.366923
Reactive Organic Gases Tons/Yr:	1.366923
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119

UNOCAL #5995 (Continued) **1000167301**

Year:	2019
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.366923
Reactive Organic Gases Tons/Yr:	1.366923
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	UNOCAL #5995
Address:	6211 SANTA TERESA BLVD
City,State,Zip:	SAN JOSE, CA 95119
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	111123
Air District Name:	BA
SIC Code:	5541
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.154745742
Reactive Organic Gases Tons/Yr:	0.154745742
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

K61 **VOGUE CLEANERS** **CPS-SLIC S109349271**
NW **5732 COTTLE ROAD** **CERS N/A**
1/4-1/2 **SAN JOSE, CA 95123**
0.426 mi.
2248 ft. **Site 1 of 3 in cluster K**

Relative: **Lower**
Actual: **190 ft.**

CPS-SLIC:

Name:	VOGUE CLEANERS
Address:	5732 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/07/2003
Global Id:	T10000000610
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.2515611
Longitude:	-121.803917
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported

VOGUE CLEANERS (Continued) **S109349271**

RB Case Number:	43S1000
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/07/2003
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/07/2003
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The site is a dry cleaner business. Low levels of PCE (10-47 ug/kg) were found in soil. PCE was found at a very low level (<1 ug/l) in groundwater.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	VOGUE CLEANERS
Address:	5732 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	696234
CERS ID:	T10000000610
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

L62 **PACIFIC MICRONET** **CPS-SLIC** **S118172401**
ENE **LITTLE COYOTE** **N/A**
1/4-1/2 **SANTA CLARA, CA 95054**
0.431 mi.
2277 ft. **Site 1 of 2 in cluster L**

Relative:
Higher

Actual:
199 ft.

CPS-SLIC:

Name:	PACIFIC MICRONET
Address:	LITTLE COYOTE
City,State,Zip:	SANTA CLARA, CA 95054
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/04/1994
Global Id:	T10000007717
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.24176
Longitude:	-121.78932
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	0419
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/04/1994
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/04/1994
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	31-35%
CA Enviroscreen 4 Score:	40-45%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

K63 **INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM)** **CPS-SLIC** **S100833466**
NW **5600 COTTLE ROAD** **CHMIRS** **N/A**
1/4-1/2 **SAN JOSE, CA 95153** **CA BOND EXP. PLAN**
0.438 mi. **EMI**
2315 ft. **Site 2 of 3 in cluster K** **CERS**

Relative: Lower

Actual: 190 ft.

SLIC REG 2:

Region:	2
Facility ID:	43S0056
Facility Status:	Remedial action (cleanup) Underway
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CHMIRS:

Name:	Not reported
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
OES Incident Number:	784
OES notification:	Not reported
OES Date:	4/17/1994
OES Time:	11:03:51 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	storm drain
Spill Site:	Not reported

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Cleanup By:	IT Corporation
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	ibm
Incident Date:	4/17/94 0930
Admin Agency:	Not reported
Amount:	100 gal +/-
Contained:	YES
Site Type:	IND PLT
E Date:	Not reported
Substance:	diesel
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	overfilling of roof tank during test

CA BOND EXP. PLAN:

Reponsible Party:	RWQCB REFERRAL SITE
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	IBM Corporation, the responsible party, is conducting remedial activities under the direction of the RWQCB. The RWQCB will continue to have lead responsibility for monitoring IBM's progress under an existing agreement between the RWQCB, EPA and DHS.The RWQCB is conducting the work with support from the EPA through a cooperative agreement. Until such time as the RWQCB refers the site to DHS for follow-up using Bond funds, no money will be budgeted from the fund for this site. The DHS regional facilities permitting unit is maintaining liaison with the RWQCB and EPA.
Site Description:	IBM has been operating an electronics manufacturing plant at this site since 1956. It is located approximately seven miles southeast of the central business district of San Jose and encompasses about 550 acres. The facility includes 45 buildings. Chemicals used in the manufacturing process and wastes generated as a result of this process are handled and stored onsite. Surrounding land use is primarily agricultural and residential.
Hazardous Waste Desc:	In 1980, soil and ground water contamination was discovered at the site. Leaking underground storage tanks are suspected of having caused the contamination. The types of contaminants which have been detected. include: 1,1,1-trichloroethane (1,1,1-TCA), 1,2,2-trifluoroethane (Freon 113) and

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

acetone. In addition to the primary contaminants, isopropyl alcohol, trichloroethylene (TCE), xylene, kerosene, isophorone, 1,1-dichloroethylene (1,1-DCE), ethyl amyl ketone and methylene chloride have been detected within the limits of the waste plume from this site. Low levels of DCE and 1,1,1-TCA have also been detected in a nearby creek known as Canoas Creek. A ground water contaminant plume approximately 3 miles in length has migrated offsite in a notected within the limits of the waste plume from this site. Low levels of DCE and 1,1,1-TCA have also been detected in a nearby creek known as Canoas Creek. A ground water contaminant plume approximately 3 miles in length has migrated offsite in a no

Threat To Public Health & Env: There are five aquifers near the site that are contaminated or threatened by the contamination. These aquifers are designated from shallowest to deepest: A, B, C, D, and E. Aquifers A, B and C have been contaminated downgradient of the site. Ground water in the area is the sole source of drinking water supply for a population in excess of 65,000. Eight private wells and 3 public wells owned by the Great Oaks Water Company have been contaminated. The San Jose Water Company owns a well which is located about 1.3 miles from the site.

Site Activity Status: Since the discovery of contamination in 1980, IBM has been undertaking remedial actions under the direction of the RWQCB. Approximately 23,000 cubic yards of contaminated soils have been removed from the site. Underground tanks have been replaced with above-ground tanks, and more than 350 ground water monitoring wells and 26 onsite and 4 offsite extraction wells have been installed. IBM has installed and is operating three systems of extraction wells to control the ground water contaminant plume. An excess of approximately 8.8 million gallons of untreated ground water is pumped and discharged into Canoas Creek daily. IBM recently submitted a draft RAP outlining the long term remedial measures which will be employed at the site.

EMI:

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1987
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3573
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	57
Reactive Organic Gases Tons/Yr:	34
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	33
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	99
Reactive Organic Gases Tons/Yr:	71
Carbon Monoxide Emissions Tons/Yr:	11
NOX - Oxides of Nitrogen Tons/Yr:	51
SOX - Oxides of Sulphur Tons/Yr:	3
Particulate Matter Tons/Yr:	29
Part. Matter 10 Micrometers and Smllr Tons/Yr:	26

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1993
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3573
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	36
Reactive Organic Gases Tons/Yr:	18
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	32
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	35
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	17
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1996
County Code:	43

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	30
Reactive Organic Gases Tons/Yr:	15
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	57
Reactive Organic Gases Tons/Yr:	33
Carbon Monoxide Emissions Tons/Yr:	5
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	5
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

City,State,Zip:	SAN JOSE, CA
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	5
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	5
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	MARIANA HDD (US), INC
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	31
Reactive Organic Gases Tons/Yr:	22
Carbon Monoxide Emissions Tons/Yr:	17
NOX - Oxides of Nitrogen Tons/Yr:	13
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Name:	HITACHI GLOBAL STORAGE TECHNOL
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	31
Reactive Organic Gases Tons/Yr:	23
Carbon Monoxide Emissions Tons/Yr:	17
NOX - Oxides of Nitrogen Tons/Yr:	13
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	IBM CORPORATION
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	14919
Air District Name:	BA
SIC Code:	3571
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HITACHI GLOBAL STORAGE TECHNOL
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	32
Reactive Organic Gases Tons/Yr:	24
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: HITACHI GLOBAL STORAGE TECHNOL
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 37.22
Reactive Organic Gases Tons/Yr: 27.1349058
Carbon Monoxide Emissions Tons/Yr: 9.721
NOX - Oxides of Nitrogen Tons/Yr: 14.914
SOX - Oxides of Sulphur Tons/Yr: 0.325
Particulate Matter Tons/Yr: 1.692
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.659314

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 14919
Air District Name: BA
SIC Code: 3571
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.878
Reactive Organic Gases Tons/Yr: 0.758668
Carbon Monoxide Emissions Tons/Yr: 0.014
NOX - Oxides of Nitrogen Tons/Yr: 0.06
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.004
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.003904

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2005
County Code: 43
Air Basin: SF
Facility ID: 14919
Air District Name: BA
SIC Code: 3571
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .849
Reactive Organic Gases Tons/Yr: .736952

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Carbon Monoxide Emissions Tons/Yr: .001
NOX - Oxides of Nitrogen Tons/Yr: .006
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: HITACHI GLOBAL STORAGE TECHNOL
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2005
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 27.809
Reactive Organic Gases Tons/Yr: 16.7545591
Carbon Monoxide Emissions Tons/Yr: 5.343
NOX - Oxides of Nitrogen Tons/Yr: 9.184
SOX - Oxides of Sulphur Tons/Yr: .256
Particulate Matter Tons/Yr: 1.212
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.181564

Name: HITACHI GLOBAL STORAGE TECHNOL
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 27.81
Reactive Organic Gases Tons/Yr: 16.7555591
Carbon Monoxide Emissions Tons/Yr: 5.343
NOX - Oxides of Nitrogen Tons/Yr: 9.184
SOX - Oxides of Sulphur Tons/Yr: .256
Particulate Matter Tons/Yr: 1.212
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.181564

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 14919
Air District Name: BA
SIC Code: 3571
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .365
Reactive Organic Gases Tons/Yr: .244552
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 14919
Air District Name: BA
SIC Code: 3571
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .26
Reactive Organic Gases Tons/Yr: .171199
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: HITACHI GLOBAL STORAGE TECHNOL
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95240
Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15.549
Reactive Organic Gases Tons/Yr: 9.9964703
Carbon Monoxide Emissions Tons/Yr: 3.577
NOX - Oxides of Nitrogen Tons/Yr: 7.793
SOX - Oxides of Sulphur Tons/Yr: .2
Particulate Matter Tons/Yr: .902
Part. Matter 10 Micrometers and Smllr Tons/Yr: .885551

Name: DREWELOW REMEDIATION EQUIPMENT
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA
Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 18535
Air District Name: BA

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.008
Reactive Organic Gases Tons/Yr:	.0055888
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DREWELOW REMEDIATION EQUIPMENT
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95193
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	18535
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.008
Reactive Organic Gases Tons/Yr:	.0055888
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DREWELOW REMEDIATION EQUIPMENT
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95193
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	18535
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.0000000000000002E-3
Reactive Organic Gases Tons/Yr:	5.5887999999999997E-3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	DREWELOW REMEDIATION EQUIPMENT
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95193
Site ID:	465141

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) (Continued) **S100833466**

CERS ID: 110054306498
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 951930000
Site ID: 607943
CERS ID: 80001517
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Rizgar Ghazi
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

K64 **IBM-5600 COTTLE ROAD** **ENVIROSTOR** **S101482328**
NW **5600 COTTLE** **CPS-SLIC** **N/A**
1/4-1/2 **SAN JOSE, CA 95193** **DEED**
0.438 mi. **Cortese**
2315 ft. **Site 3 of 3 in cluster K** **ENF**
HIST CORTESE
Relative: Lower **WDS**
CIWQS
Actual: 190 ft. **CERS**
NON-CASE INFO

ENVIROSTOR:
Name: INTERNATIONAL BUSINESS MACHINES CORP
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Facility ID: 43350084
Status: Refer: RWQCB
Status Date: 06/08/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 15
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.24987
Longitude: -121.8017

IBM-5600 COTTLE ROAD (Continued) **S101482328**

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * CONTAMINATED SOIL
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: IBM CORPORATION
Alias Type: Alternate Name
Alias Name: CAD990843989
Alias Type: EPA Identification Number
Alias Name: 110000484770
Alias Type: EPA (FRS #)
Alias Name: 43350084
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/24/2002
Comments: Referred to RWQCB who is already active on the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: IBM CORP.
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95193
Facility ID: 71003199
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.24287
Longitude: -121.7960
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD990843989
Alias Type: EPA Identification Number
Alias Name: 110000484770
Alias Type: EPA (FRS #)
Alias Name: 71003199
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: IBM CORPORATION
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 951930000
Facility ID: 80001517
Status: Refer: RWQCB
Status Date: 01/01/2008
Site Code: 200051
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Rizgar Ghazi
Division Branch: Engineering & Special Projects
Assembly: 25
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.24793
Longitude: -121.7920
APN: 706-08-004
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 706-08-004
Alias Type: APN
Alias Name: CAD990843989

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Alias Type: EPA Identification Number
Alias Name: 110000484770
Alias Type: EPA (FRS #)
Alias Name: 200051
Alias Type: Project Code (Site Code)
Alias Name: 43350084
Alias Type: Envirostor ID Number
Alias Name: 80001517
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 02/28/1992
Comments: RFA dated 12/1991.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 07/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 12/01/1991
Comments: 46 SWMUs were identified and all of them were deemed in need of further action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 12/18/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 11/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 07/17/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/28/2000

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 07/17/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/31/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 12/31/1985
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 10/19/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 12/31/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 01/01/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 10/19/1988
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:
Name: INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Region: STATE
Facility Status: **Open - Eligible for Closure**
Status Date: 11/02/2022
Global Id: SL720561211
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.2476181414855
Longitude: -121.795924444397
Case Type: Cleanup Program Site
Case Worker: MJD
Local Agency: Not reported
RB Case Number: 43S0056
File Location: All Files are on GeoTracker or in the Local Agency Warehouse
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Xylene
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/01/1980
Leak Reported Date: 01/02/1981
How Discovered: Site Assessment/Site Investigation, Tank Closure
How Discovered Description: site investigations
Discharge Source: Piping, Tank

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Discharge Cause:	Corrosion, Other
Stop Method:	Close and Remove Tank, Remove Contents
Stop Description:	Removed USTs
No Further Action Date:	Not reported
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Regional Water Board has regulated the site since the 1980s by Order No. R2-2002-0082 and amended Order R2-2007-0004 dated January 23, 2007 (Order). We have been overseeing soil and groundwater investigation and cleanup activities at this site since 1980. Department of Toxics Substances Control oversee the investigation and cleanup for the Redevelopment Property. Parts of site have been redeveloped as commercial and residential use. Background Beginning in 1955, IBM constructed the facility on land previously used for agricultural purposes. IBM operated the facility for the development and manufacture of disk drives and related computer equipment until 2002. In 2002/2003, IBM sold the majority of the property and its manufacturing processes to Hitachi Global Storage Technologies, Inc. (Hitachi), a subsidiary of Western Digital Corporation. In 2008 IBM sold a small portion of the property to Lowe s (Parcel A). After 2006 Hitachi sold a portion of the property to various commercial and residential developers, and redeveloped it for a mixed residential / commercial use (Redevelopment Area). DTSC oversaw the Redevelopment Area and records are stored on DTSC's EnviroStor database under #80001772. During its ownership of the property, IBM used certain organic chemicals known as volatile organic compounds (VOCs) in its manufacturing operations. As of April 2012, Hitachi changes its name to HGST, Inc. Despite sale of the properties, IBM continues to be responsible for groundwater and soil cleanup of the site. The SREE evaluates remedial measures implemented over the years. Site Investigation In 1980, certain organic chemicals were detected in soil adjacent to an underground storage tank farm. Subsequent investigations identified the presence of these organic chemicals in groundwater beneath and down-gradient from the Site and in soil beneath and adjacent to other chemical storage areas. As a result of these discoveries, more than 1,000 soil borings and over 350 monitoring wells were installed on Site and off Site to define the complete extent of the chemicals detected and to plan for cleanup of the soil and groundwater. The four most widely distributed chemicals detected in the groundwater are Freon 113, TCA, TCE, and 1,1-dichloroethene (1,1-DCE). In 1988, a risk assessment was performed to determine the risks posed by the identified chemicals to human health. The risk assessment concluded that the primary exposure route was, and remains, through the ingestion of groundwater containing chemicals. The groundwater currently used as a source of drinking water does not contain any chemicals above drinking water standards. Onsite, shallow groundwater exceeds current cleanup standards in some locations although this shallow groundwater is not used for drinking water. Based on the March 2017 Second Semi-Annual/Annual Pilot Curtailment Test Monitoring Report (aka groundwater monitoring report), offsite, shallow groundwater

IBM-5600 COTTLE ROAD (Continued) **S101482328**

(A-aquifer) is only affected near Cottle Road between the Public Storage and Lowe's businesses. Great Oakes Water Company supplies drinking water to the Site vicinity. Summary of Cleanup Activity Between 1981 and 1987, IBM removed 65 underground storage tanks. Tanks that were still required to support site operations were replaced with aboveground storage tanks and provided with appropriate secondary containment. Prior to 1988, IBM removed more than 23,000 cubic yards of soil containing chemicals from various onsite areas. The excavated soil was disposed offsite at permitted Class I disposal facilities. Soil cleanup criteria for the Site have been met through the use of soil excavation and soil vapor extraction and further soil cleanup is not currently required. Groundwater cleanup actions including both onsite and offsite extraction wells have operated since 1982. The onsite extraction wells controlled migration of chemicals to the offsite area as well as to cleanup onsite groundwater. Offsite extraction wells controlled further down-gradient migration of chemical-containing groundwater as well as cleanup offsite groundwater. Groundwater extracted for cleanup onsite and offsite was treated using an air stripper and the treated discharge was used for onsite landscape irrigation, was re-injected into the onsite aquifer system, or may be discharged to Canoas Creek pursuant to a permit issued by the Regional Water Board. In addition, between 2006 and 2002, IBM implemented various in-situ bro-remediation technologies at various former sources areas at the Site for treating VOC-impacted groundwater. In 2013, IBM submitted its 25-Year Status Report and Effectiveness Evaluation (SREE) for the former IBM facility at 5600 Cottle Road in south San Jose to the Regional Water Board. The Regional Water Board directed IBM to continue its groundwater cleanup program to address the remaining chemical-bearing groundwater located on Site and to continue to control the migration of chemical-bearing groundwater from the Site to offsite areas and to meet cleanup standards for this site. On January 5, 2016, remediation activities and active groundwater pumping were ceased as part of the December 4, 2015 Proposal for Pilot Curtailment Test (PCT) which was approved by the Regional Water Board on December 8, 2015. The groundwater extraction treatment system (GWETS) was shut down in January 2016. The Regional Water Board approved the March 5, 2018, Pilot Curtailment Test (PCT) Implementation and Data Evaluation Report on May 21, 2018. The GWETS will continue pilot test shut-down and monitor monitored natural attenuation (MNA). Continue groundwater monitoring per Order's self-monitoring program during second and fourth quarter of each year and submit reports August 29 and March 1 of each year. Current Status IBM will continue to submit groundwater monitoring reports by August 29 and March 1 of each year.

Click here to access the California GeoTracker records for this facility:

DEED:

Name:	INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Envirostor ID:	SL720561211
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	OPEN - ELIGIBLE FOR CLOSURE

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 09/14/2004
File Name: Geotracker Land Use/Deed Restrictions

Name: INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: SL720561211
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - ELIGIBLE FOR CLOSURE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/13/2004
File Name: Geotracker Land Use/Deed Restrictions

Name: SHEA PROPERTIES LOT 8
Address: 5600 COTTLE ROAD
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: T10000004324
Area: Not reported
Sub Area: Not reported
Site Type: NONCLEANUP
Status: Not reported
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/13/2004
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232165
Agency Name:	International Business Machine (IBM Cotporation)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	2
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438031001
Reg Measure Id:	145743
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-1999-0094
Npdes# CA#:	CA0027961
Major-Minor:	Major
Npdes Type:	FED
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/19/2009
Effective Date:	11/18/1999
Expiration/Review Date:	11/18/2004
Termination Date:	05/31/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	223074
Region:	2
Order / Resolution Number:	86-001
Enforcement Action Type:	Admin Civil Liability
Effective Date:	04/16/1986
Adoption/Issuance Date:	Not reported
Achieve Date:	4/12/1986
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438031001
Description:	DISCHARGE OR 200 GALLONS OF OIL TO SURFACE WATER
Program:	NPDESWW
Latest Milestone Completion Date:	4/12/1986
# Of Programs1:	1
Total Assessment Amount:	40000
Initial Assessed Amount:	0
Liability $ Amount:	40000
Project $ Amount:	0
Liability $ Paid:	40000
Project $ Completed:	0

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Total $ Paid/Completed Amount: 40000

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232164
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220173
Region:	2
Order / Resolution Number:	88-157
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/19/1988
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438031N03
Description:	SCR-FINAL RAP
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232164
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220165
Region:	2
Order / Resolution Number:	88-045
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/16/1988
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438031N03
Description:	SCR-THIS ORDER WAS RESCINDED BY SCR 88-157, OCT. 19,1988

IBM-5600 COTTLE ROAD (Continued) **S101482328**

	FOR IBM.
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	2
Facility Id:	232164
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	247845
Region:	2
Order / Resolution Number:	R2-2002-0082
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	08/20/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438031N03
Description:	Order R2-2002-0082 establishes new Site Cleanup Requirements for groundwater plume. Slight modifications have been made to cleanup standards. Obsolete reporting requirements have been eliminated or replaced.
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SCR-IBM-5600 COTTLE ROAD
edr_fadd1:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Region:	CORTESE
Facility County Code:	43
Reg By:	WBC&D
Reg Id:	2 438031N03

IBM-5600 COTTLE ROAD (Continued) **S101482328**

WDS:

Name:	INT BUSINESS MACHINE
Address:	5600 Cottle Rd
City:	SAN JOSE
Facility ID:	San Francisco Bay 43I017526
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4082565345
Facility Contact:	JIM DUMANOWSKI MS DNV 012 3D08
Agency Name:	JIM DUMANOWSKI
Agency Address:	5600 Cottle Rd
Agency City,St,Zip:	San Jose 951930001
Agency Contact:	JIM DUMANOWSKI MS DNV 0123D08
Agency Telephone:	4082565345
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Name:	HITACHI GLOBAL STORAGE TEC INC
Address:	5600 Cottle Rd
City:	SAN JOSE
Facility ID:	San Francisco Bay 43I017624
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel

IBM-5600 COTTLE ROAD (Continued) **S101482328**

	washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4082565345
Facility Contact:	GREWOHL JOHN
Agency Name:	HITACHI GLOBAL STORAGE TEC INC
Agency Address:	5600 Cottle Rd
Agency City,St,Zip:	San Jose 951930001
Agency Contact:	GREWOHL JOHN
Agency Telephone:	4082565345
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	INT BUSINESS MACHINE
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
Agency:	International Business Machine
Agency Address:	5600 Cottle Rd, San Jose, CA 95193
Place/Project Type:	Industrial - Computer Storage Devices
SIC/NAICS:	3572
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I017526
NPDES Number:	CAS000001

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Adoption Date:	Not reported
Effective Date:	10/02/2002
Termination Date:	09/15/2003
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Agency:	International Business Machine (IBM Cotporation)
Agency Address:	5600 Cottle Road, San Jose, CA 95193-0001
Place/Project Type:	Other
SIC/NAICS:	3674
Region:	2
Program:	UNREGS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	WDR
Order Number:	84-090
WDID:	2 438031N03
NPDES Number:	Not reported
Adoption Date:	12/18/1984
Effective Date:	12/18/1984
Termination Date:	Not reported
Expiration/Review Date:	12/18/1987
Design Flow:	0.0001
Major/Minor:	Not reported
Complexity:	A
TTWQ:	1
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

Name:	IBM-5600 COTTLE ROAD
Address:	5600 COTTLE
City,State,Zip:	SAN JOSE, CA 95193
Agency:	International Business Machine (IBM Cotporation)
Agency Address:	5600 Cottle Road, San Jose, CA 95193-0001
Place/Project Type:	Other
SIC/NAICS:	3674
Region:	2
Program:	NPDESWW
Regulatory Measure Status:	Historical
Regulatory Measure Type:	NPDES Permit
Order Number:	R2-1999-0094
WDID:	2 438031001
NPDES Number:	CA0027961
Adoption Date:	11/18/1999
Effective Date:	11/18/1999
Termination Date:	05/31/2007

IBM-5600 COTTLE ROAD (Continued) **S101482328**

Expiration/Review Date:	11/18/2004
Design Flow:	2
Major/Minor:	Major
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	INTERNATIONAL BUSINESS MACHINES, SAN JOSE
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Site ID:	661488
CERS ID:	SL720561211
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	EMMA HOFFMAN-DAVIES - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106222313,

NON-CASE INFO:

Name:	SHEA PROPERTIES LOT 8
Address:	5600 COTTLE ROAD
City,State,Zip:	SAN JOSE, CA 95123
Global ID:	T10000004324
Case Type:	Non-Case Information
Status:	Informational Item / Review Complete
Status Date:	01/13/2016
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43S1152
Loc Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Per DTSC's March 4, 2009 letter to the Water Board, DTSC is lead agency for RCRA corrective action under Hitachi Global Storage Technologies, Inc. (GST) ownership and control. DTSC's September 9, 2010 Acknowledgements of Satisfaction letter documents DTSC's satisfactory completion of corrective action completed by Hitachi GST for Parcels 0-1 through 0-5 (Consent Agreement, Docket HWCA: P2-05/06-001) and Lot 8 (second Consent Agreement, Docket HWCA: P2-07/08-012). The letter states Hitachi GST is obligated to preserve all records associated with the Consent Agreements for at least six years.
Begin Date:	08/13/2004

IBM-5600 COTTLE ROAD (Continued) **S101482328**

How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	37.2444220369614
Longitude:	-121.802222728729
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004324
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Leak Reported Date:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)

L65 **GREAT OAKS MIXED USE PROJECT** **ENVIROSTOR** **S118466268**
ENE **PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GR** **VCP** **N/A**
1/4-1/2 **SAN JOSE, CA 95123** **DEED**
0.457 mi.
2413 ft. **Site 2 of 2 in cluster L**

Relative: **Higher**
Actual: **199 ft.**

ENVIROSTOR:

Name:	GREAT OAKS MIXED USE PROJECT
Address:	PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GREAT OAKS BLVD.
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	60002251
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	10/09/2017
Site Code:	202057
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	61
NPL:	NO
Regulatory Agencies:	SMBRP, SANTA CLARA COUNTY
Lead Agency:	SMBRP
Program Manager:	Nicole Yuen
Supervisor:	Marikka Hughes
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	15
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.24240
Longitude:	-121.7890
APN:	706-54-004, 706-54-005, 706-54-008, 706-54-009, 706-54-010, 706-54-011, 706-54-012, 706-54-013

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Dieldrin
Confirmed COC: Arsenic Dieldrin
Potential Description: SOIL
Alias Name: 706-54-004
Alias Type: APN
Alias Name: 706-54-005
Alias Type: APN
Alias Name: 706-54-008
Alias Type: APN
Alias Name: 706-54-009
Alias Type: APN
Alias Name: 706-54-010
Alias Type: APN
Alias Name: 706-54-011
Alias Type: APN
Alias Name: 706-54-012
Alias Type: APN
Alias Name: 706-54-013
Alias Type: APN
Alias Name: 202057
Alias Type: Project Code (Site Code)
Alias Name: 60002251
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Lots 6 and 7
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/09/2016
Comments: DTSC certified the completion of the removal action for Lots 6 and 7 at the Great Oaks Mixed Use Project Site. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. No further action is required and a multi-family residential development is to be constructed on Lots 6 and 7.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2021
Comments: DTSC approves the annual land use covenant compliance inspection report. The next report needs to be submitted by January 15, 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: DTSC annual oversight cost estimate for fiscal year 2020-2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate letter projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 04/22/2016
Comments: Based on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Used Project, DTSC concluded in a Statement of Findings that the cleanup activities outlined in the Final Removal Action Workplan will not result in significant and unavoidable effects on the environment. A Notice of Determination was filed with the State Clearinghouse on April 25, 2016..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/09/2017
Comments: The Notice of Exemption explains why the project is exempt from evaluation under the California Environmental Quality Act based on a General Rule exemption. A Land Use Covenant between DTSC and iStar San Jose, LLC is added as part of the selected removal action, and will not result in changes to the physical environment.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/14/2017
Comments: A land use covenant (LUC) between iStar San Jose, LLC and DTSC was recorded with Santa Clara County on September 14, 2017. The LUC restricts land use and activities on a 912 square feet area of the site where impacted soil with arsenic concentrations above the residential cleanup level could not be excavated as required by the Removal Action Workplan due to the presence of a previously-unknown fiber-optic cable.

Completed Area Name: PROJECT WIDE

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 11/05/2015
Comments: iStar San Jose, LLC entered into a Voluntary Cleanup Agreement with DTSC to oversee cleanup of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/04/2017
Comments: The public notice was published in the San Jose Mercury on May 4th. It provided notification of DTSC's approval of the Explanation of Significant Differences for the site and intent on entering into a Land Use Covenant with iStar San Jose LLC .

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2018
Comments: Not reported

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/09/2017
Comments: DTSC certified the completion of the removal action for Residential Parcels Operable Unit. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. A land use covenant has been recorded for a portion of the Operable Unit where arsenic-contaminated soil could not be excavated because of the presence of a fiber-optic cable and will need to be monitored on an annual basis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/18/2016
Comments: Not reported

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: Lots 6 and 7
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/07/2016
Comments: The removal action completion report documents the removal action at Lots 6 and 7. Soil contaminated with dieldrin and arsenic at levels over residential screening levels was excavated over an area of approximately 201,400 square feet. Approximately 12,300 cubic yards of soil was excavated and disposed at an off-site disposal facility. Confirmation sampling indicates that no further action is required at Lots 6 and 7.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 03/09/2017
Comments: The Explanation of Significant Differences modifies the selected remedy for the Site (i.e. excavation and off-site disposal of contaminated soil at a permitted landfill) by adding a Land Use Covenant as a component. The Land Use Covenant will restrict the activities and land use in the 57 feet by 16 feet area of the Site where arsenic- and dieldrin-impacted soil could not be excavated due to the presence of the underground fiber optic cables.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/01/2016
Comments: Phase II of the Removal Action Workplan implementation was completed.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/02/2015
Comments: Request for Agency Oversight Application for DTSC to oversee site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Document Type:	Fieldwork
Completed Date:	06/06/2016
Comments:	First phase of implementation of the Removal Action Workplan concluded on June 6, 2016.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	04/22/2016
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Five-Year Review Reports
Schedule Due Date:	07/30/2023
Schedule Revised Date:	Not reported

VCP:

Name:	GREAT OAKS MIXED USE PROJECT
Address:	PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GREAT OAKS BLVD.
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	60002251
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	61
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, SANTA CLARA COUNTY
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nicole Yuen
Supervisor:	Marikka Hughes
Division Branch:	Cleanup Berkeley
Site Code:	202057
Assembly:	25
Senate:	15
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	10/09/2017
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.24240 / -121.7890
APN:	706-54-004, 706-54-005, 706-54-008, 706-54-009, 706-54-010, 706-54-011, 706-54-012, 706-54-013
Past Use:	AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC:	30001, 30207
Confirmed COC:	30001,30207
Potential Description:	SOIL
Alias Name:	706-54-004
Alias Type:	APN
Alias Name:	706-54-005
Alias Type:	APN
Alias Name:	706-54-008

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Alias Type: APN
Alias Name: 706-54-009
Alias Type: APN
Alias Name: 706-54-010
Alias Type: APN
Alias Name: 706-54-011
Alias Type: APN
Alias Name: 706-54-012
Alias Type: APN
Alias Name: 706-54-013
Alias Type: APN
Alias Name: 202057
Alias Type: Project Code (Site Code)
Alias Name: 60002251
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Lots 6 and 7
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/09/2016
Comments: DTSC certified the completion of the removal action for Lots 6 and 7 at the Great Oaks Mixed Use Project Site. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. No further action is required and a multi-family residential development is to be constructed on Lots 6 and 7.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2021
Comments: DTSC approves the annual land use covenant compliance inspection report. The next report needs to be submitted by January 15, 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: DTSC annual oversight cost estimate for fiscal year 2020-2021

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate letter projecting DTSC’s oversight

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 04/22/2016
Comments: Based on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Used Project, DTSC concluded in a Statement of Findings that the cleanup activities outlined in the Final Removal Action Workplan will not result in significant and unavoidable effects on the environment. A Notice of Determination was filed with the State Clearinghouse on April 25, 2016..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/09/2017
Comments: The Notice of Exemption explains why the project is exempt from evaluation under the California Environmental Quality Act based on a General Rule exemption. A Land Use Covenant between DTSC and iStar San Jose, LLC is added as part of the selected removal action, and will not result in changes to the physical environment.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/14/2017
Comments: A land use covenant (LUC) between iStar San Jose, LLC and DTSC was recorded with Santa Clara County on September 14, 2017. The LUC restricts land use and activities on a 912 square feet area of the site where impacted soil with arsenic concentrations above the residential cleanup level could not be excavated as required by the Removal Action Workplan due to the presence of a previously-unknown fiber-optic cable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/12/2015

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 11/05/2015
Comments: iStar San Jose, LLC entered into a Voluntary Cleanup Agreement with DTSC to oversee cleanup of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/04/2017
Comments: The public notice was published in the San Jose Mercury on May 4th. It provided notification of DTSC's approval of the Explanation of Significant Differences for the site and intent on entering into a Land Use Covenant with iStar San Jose LLC .

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/19/2018
Comments: Not reported

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/09/2017
Comments: DTSC certified the completion of the removal action for Residential Parcels Operable Unit. The removal action consisted of the excavation of arsenic- and dieldrin-contaminated soil and disposal at an off-site permitted landfill. A land use covenant has been recorded for a portion of the Operable Unit where arsenic-contaminated soil could not be excavated because of the presence of a fiber-optic cable and will need to be monitored on an annual basis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: Lots 6 and 7
Completed Sub Area Name: Not reported

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Document Type: Removal Action Completion Report
Completed Date: 12/07/2016
Comments: The removal action completion report documents the removal action at Lots 6 and 7. Soil contaminated with dieldrin and arsenic at levels over residential screening levels was excavated over an area of approximately 201,400 square feet. Approximately 12,300 cubic yards of soil was excavated and disposed at an off-site disposal facility. Confirmation sampling indicates that no further action is required at Lots 6 and 7.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 03/09/2017
Comments: The Explanation of Significant Differences modifies the selected remedy for the Site (i.e. excavation and off-site disposal of contaminated soil at a permitted landfill) by adding a Land Use Covenant as a component. The Land Use Covenant will restrict the activities and land use in the 57 feet by 16 feet area of the Site where arsenic- and dieldrin-impacted soil could not be excavated due to the presence of the underground fiber optic cables.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/01/2016
Comments: Phase II of the Removal Action Workplan implementation was completed.

Completed Area Name: Residential Parcels
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/02/2015
Comments: Request for Agency Oversight Application for DTSC to oversee site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/06/2016
Comments: First phase of implementation of the Removal Action Workplan concluded on June 6, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan

GREAT OAKS MIXED USE PROJECT (Continued) **S118466268**

Completed Date: 04/22/2016
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Five-Year Review Reports
Schedule Due Date: 07/30/2023
Schedule Revised Date: Not reported

DEED:
Name: GREAT OAKS MIXED USE PROJECT
Address: PERIMETER ROAD, WHITE PLAINS ROAD, CALIFORNIA HWY 85, AND GREAT OAKS BLVD.
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: 60002251
Area: RESIDENTIAL PARCELS
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

M66 **WESTERN DIGITAL TECHNOLOGIES INC** **EMI** **S123079495**
NNE **5601 GREAT OAKS PKWY** **ICE** **N/A**
1/2-1 **SAN JOSE, CA 95119** **HWP**
0.586 mi. **HWTS**
3092 ft. **Site 1 of 4 in cluster M** **HAZNET**
NPDES
Relative: Higher **CIWQS**
CERS
Actual: 196 ft.

EMI:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2021
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 17.022774385
Reactive Organic Gases Tons/Yr: 11.697622228
Carbon Monoxide Emissions Tons/Yr: 2.502272906
NOX - Oxides of Nitrogen Tons/Yr: 4.093088529
SOX - Oxides of Sulphur Tons/Yr: 0.078941165
Particulate Matter Tons/Yr: 0.428740728
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.428120207

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

ICE:
Envirostor ID: 3000786
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95193
EPA ID: CAR000128793
Site Type: INSPECTION
Facility Status: No Action

Enforcement:
Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 03/05/2019

Inspection:
Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/25/2019
Violation Class: Class 2, Minor
RTC Date: 07/10/2019

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 12/08/2021
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 12/21/2021
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 07/11/2019
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 02/13/2017
Violation Class: Class 1
RTC Date: 04/05/2017

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 10/12/2016
Violation Class: Class 1, Class 2, Minor
RTC Date: 07/15/2021

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/17/2014
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 05/22/2012
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 02/27/2014
Violation Class: Class 2

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

RTC Date: 04/11/2014

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 11/28/2011
Violation Class: Class 2, Minor
RTC Date: 09/07/2012

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 12/07/2005
Violation Class: Class 2, Minor
RTC Date: 08/28/2006

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 12/29/2005
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 03/20/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 01/27/2010
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 02/25/2008
Violation Class: Class 2
RTC Date: 04/25/2008

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 11/30/2009
Violation Class: No Violations
RTC Date: Not reported

HWP:

EPA ID: CAR000128793
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
Cleanup Status: OPERATING PERMIT
Latitude: 37.25003
Longitude: -121.7951
Facility Type: Permitted - Operating
Facility Size: Large Treatment
Supervisor: PHILLIP BLUM
Site Code: 201476, 500305
Senate District: 15
Assembly District: 25
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: QUARTERLY UPDATE Quarterly Update Period: April 1, 2023 to June 30, 2023 Permitting activity: Permit Maintenance The permit renewal was completed on May 24, 2022. FACILITY DESCRIPTION/HISTORY Western Digital Technologies, Inc. (aka WDT) operates the large hazardous

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

waste treatment and storage facility located at 5601 Great Oaks Parkway, San Jose, Santa Clara County, California (the Facility). The Facility occupies approximately 158 acres of land in a commercial/light industrial zoned area at the southern end of the Santa Clara Valley. Between 1955 and 2002, IBM Corporation was the owner and operator of the Facility. In January 2003, IBM Corporation sold the Facility to Hitachi Global Storage, Technologies, Inc. In March 2012, Western Digital Corporation acquired Viviti Technologies, Ltd. in a stock purchase, and Hitachi Global Storage, Technologies, Inc. was renamed as HGST, Inc. On December 31, 2020, HGST, Inc. merged with Western Digital Technologies, Inc. who is the facility name, owner, and operator. WDT is permitted to treat and store hazardous waste. WDT designs, develops, and manufactures computer storage devices including hard disk drives, and disk drive components (disk drive heads, disk drive media, and various disk component assemblies). Manufacturing processes include photolithography, vacuum deposition, electroplating, chemical and vacuum etching, and precision machining. Hazardous wastes generated from these processes are either treated at the Facility or transported for recycling or disposal at an appropriate facility. WDT stores hazardous waste at the facility in containers and tanks. PERMITTING REGULATORY DESCRIPTION/HISTORY The Facility s first hazardous waste facility permit was issued in 1985 and renewed in 1992 while owned and operated by IBM Corporation under EPA identification number CAD990843989. IBM Corporation sold the Facility to HGST who acquired the new EPA identification number CAR000128793. The hazardous waste facility permit was transferred to HGST. A new hazardous waste facility

Project Manager Lead: NADINE DOUGHMAN
Project Manager: NADINE DOUGHMAN
Permit Type: RCRA
Permit Effective Date: 05/24/2022 (OP),
Permit Expiration Date: 05/25/2032 (OP),
Calenviroscreen Score: 26-30%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: 0

Activities:

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date: 11/27/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-19 00:00:00
Type: RCRA
Title Description: Admin changes to Operations Plan
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - CLASS DETERMINATION
Actual Date: 03/17/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: 7/29, Sent supervisor’s comments to HGST in an email.
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 07/29/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 2/4/2020, Lori sent letter that tank assessments meet requirements.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - TECHNICAL REVIEW COMPLETED
Actual Date:	02/04/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date:	07/13/2011

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	11/30/2020
Comments:	Public notice documents were translated.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

	28, Waste Vault 45
Event Description:	Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date:	11/30/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date:	03/11/2005
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	06/30/2021
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	07/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Activity Type: *Mod Class Determination - Agency Initiated
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 3: Ownership changes, stock change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class Determination - Agency Initiated - FINAL PERMIT MODIFICATION
Actual Date: 03/15/2013

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class Determination - Agency Initiated
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 3: Ownership changes, stock change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class Determination - Agency Initiated - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/16/2005

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2015-03-09 00:00:00
Type: RCRA
Title Description: Permit Mod No. 4: Re-route Process Pipes
Due Date: 03/09/2015
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 03/09/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - DISCLOSURE (CLEARED)
Actual Date:	04/24/2015

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2015-03-09 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 4: Re-route Process Pipes
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date:	10/31/2014

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Revised Partial CP submitted on 10/28/2011,
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	04/04/2012

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: 8/20, Received revised work plan. 9/1, Sent approval letter.
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date: 08/20/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: Not reported
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date: 11/19/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: Not reported
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

	PERMIT ISSUED (EXPIRES)
Actual Date:	11/19/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	09/03/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EXPIRES)
Actual Date:	09/03/2030
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Comments: Received response with revised plan on 4/10.
Unit Names: Tank Farm B, Waste Vault 67
Event Description: Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date: 04/10/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: Not reported
Comments: Received request letter on 5/12/2021.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 05/12/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: DTSC modified the permit with the new name.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date: 04/15/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: Not reported
Comments: WDT sent letter requesting expedited reviews. 7/27/2021, sent GSU comments to WDT on the Sampling Plan dated 6/22/2021.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 07/27/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - CLASS DETERMINATION
Actual Date: 11/27/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: EDA and Addendum to the EIR was completed on 3/28/2019.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - DRAFT CEQA
Actual Date: 03/28/2019

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-09-03 00:00:00
Type: RCRA
Title Description: Permit Mod No. 11: Extension of Closure Period
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - MODIFICATION REQUEST / CLASS DETERMINATION REQUEST
Actual Date: 08/24/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-04-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 12 - Ownership Change
Due Date: Not reported
Comments: Had a meeting with FR Unit on 12/15. Revised Part A submitted on 12/1. Revised Part B application dated 1/4/2021.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 12/15/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - DRAFT PERMIT
Actual Date:	03/11/2005

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Rebecca D. will use Addendum to EIR for tank closures. A seperate Notice of Determination will be sent to the Clearinghouse.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA CONSULTATION
Actual Date:	08/31/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Due Date:	Not reported
Comments:	Rob prepared an Addendum to the EIR.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CEQA CONSULTATION
Actual Date:	08/24/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	10/04/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 1/25/2022, we received the greenlight from the Director to public notice. The final permit was signed on 5/24/22 and became effective on the same day per CCR 66271.14 because no public comments were received, no public hearing/meeting so the permit becomes effective when it is signed.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date:	05/25/2032
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	EDA and Addendum to the EIR was completed on 3/28/2019.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL CEQA
Actual Date:	03/28/2019

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Public notice in English and Spanish.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	05/17/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Event Description:	Mod Class 1* - Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	10/01/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	On 4/10, received revised soil sampling plan per GSU memo. 4/24 sent approval letter. 9/15 received draft subsurface sampling rprt. 12/22 sent GSU memo. Received rprt. 2/24 sent GSU memo. 4/10 WDT sent revisions. 5/3 sent GSU memo.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date:	01/05/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	DTSC reviewed the first Work Plan (WP) submitted on 8/02/2019 for tank decon. On 8/27/2019, DTSC sent a comment letter. 1/21/2020, subsurface sampling plan submitted. 3/11/20, sent letter with GSU memo on the subsurface sampling plan w 4/10 deadline.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date:	03/11/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	11/30/2020
Comments:	Not reported
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	11/19/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Closure Report dated 11/9. Cover letter dated 11/11.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date:	11/11/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date:	05/11/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	05/24/2022
Comments:	On 1/25/2022, we received the greenlight from the Director to public notice. The final permit was signed on 5/24/22 and became effective on the same day per CCR 66271.14 because no public comments were received, no public hearing/meeting so the permit becomes effective when it is signed.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date:	05/24/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 1/25/2022, we received the greenlight from the Director to public notice. The final permit was signed on 5/24/22 and became effective on the same day per CCR 66271.14 because no public comments were received, no public hearing/meeting so the permit becomes effective when it is signed.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date:	05/24/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Community Survey mailed 4/7/17. Community Profile Report 5/15/2017.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - PUBLIC NOTICE - PERMIT RECEIVED
Actual Date:	05/15/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Sent 1st part of partial 2nd NOD on 11/8/2017 for ESPO comment memo for CCE. Sent 2nd part of partial 2nd NOD on 12/14/2017 for ESPO comment memo on tank assessments.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date:	12/14/2017

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	05/17/2017
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	10/03/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Updated permit app dated 4/30/2021.FR Unit approved FA in new owner name on 5/11/2021 in an email.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date:	04/30/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Final subsurface sampling report submitted on 5/9/2022.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	08/30/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	NOD filed at Clearinghouse on 9/1/22.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - FINAL CEQA FILED
Actual Date:	09/01/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date:	10/01/2019

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	03/17/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	03/11/2005

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Addendum to EIR signed by BC on 9/21.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	09/21/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Request letter dated 8/24/2020.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	08/24/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	06/08/2012
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	03/15/2013

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	05/15/2015

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	07/01/2020

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - TECHNICAL REVIEW BEGIN
Actual Date: 03/17/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 9: Closure of 16 Tanks
Due Date: Not reported
Comments: Addendum to EIR signed on 9/21.
Unit Names: Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description: Mod Class 1* - Prior Approval Required - DRAFT CEQA DOC FOR PUBLIC REVIEW
Actual Date: 09/21/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Printed in newspaper on 5/21.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	05/21/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - ADMINISTRATIVE REVIEW APPROVED
Actual Date:	03/17/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	07/16/2021
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	07/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	03/15/2013

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	05/16/2005

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	12/15/2014
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - APPLICATION PART A RECEIVED
Actual Date:	11/15/2014

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	8/3/2016, DTSC responded the extension request to 9/30/2016 and an intial response letter to identify item by item response to comments with concurrence or disagreements with options provided. On 8/30/2016 HGST e-mailed initial response letter. On 9/30/2016, HGST submitted a revised OP to respond to 1st NOD. CEQA-EDA submitted on 10/31/2016.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	10/31/2016

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	06/30/2018

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE OF MOD BY PERMITTEE
Actual Date:	05/16/2017
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Letter emailed on 1/6 and mailed by certified mail on 1/7.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	01/06/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description: Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date: 04/19/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: Not reported
Comments: 8/19, sent WDT approval letter for revised Sampling Plan dated 8/5. On 1/31/22, received revised Sampling Report. 4/8/22, sent HERO comments lttr.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FURTHER INFORMATION RECEIVED
Actual Date: 08/19/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2020-11-19 00:00:00
Type: RCRA
Title Description: Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date: Not reported
Comments: Received letter on 7/1. Letter dated 6/26.
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Mod Class 1* - Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 07/01/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	10/10/2019
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Notice of Determination filed with Clearinghouse.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - FINAL CEQA FILED
Actual Date:	09/10/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Rebecca prepared Addendum to EIR for tank closures that she will also use for this permit mod. Signed on 9/21/2020.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	08/31/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-07-26 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 7: C1PM-No Prior Approval Name Change Only
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date:	05/31/2016

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date:	03/10/2005

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Mailed on 7/8. Email to mandatory email list sent on 7/27.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Actual Date:	07/08/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Addendum to EIR signed by acting BC on 9/21.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	09/21/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	09/03/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.8 - Closure of 9 Tanks
Due Date:	Not reported
Comments:	2 work plans (WP) will be submitted. One WP for tank decon, wipe

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

sampling, rinsate sampling, vault surface sampling, and dismantling tank. Second WP will be for subsurface sampling under vaults. 11/15 - first WP was submitted to DTSC. 11/22 - DTSC approved the first WP. Jan 2020 subsurface sampling plan was submitted. 3/11/20 sent GSU comments.
Unit Names: Tank Farm B, Waste Vault 67
Event Description: Mod Class 1* - Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 03/11/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: 03/15/2022
Comments: Supervisor reviewed it on 2/26.
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - TECHNICAL COMPLETE LETTER
Actual Date: 03/15/2022

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - With Changes
Final Date: 2022-08-30 00:00:00
Type: RCRA
Title Description: Permit Mod No. 13 - WV45, T-101 Closure
Due Date: 07/30/2022
Comments: Final subsurface sampling report submitted on 5/9/2022.
Unit Names: Waste Vault 45
Event Description: Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date: 08/30/2022

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Revised partial CP submitted on 2/16/2012.
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	02/22/2012

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	2/18/2016 1st NOD issued.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	02/18/2016

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-07-26 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 7: C1PM-No Prior Approval Name Change Only
Due Date:	Not reported
Comments:	7/25/2017 - Facility withdrew permit mod request because the company

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

has not decided on a name change yet or will not decide for a year or more. Facility sent a letter to rescind their permit mod request. 7/26/2017 - DTSC sent letter acknowledging the withdrawal of the permit modification request.
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION - WITHDRAWAL REQUEST RECEIVED
Actual Date: 07/25/2017

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2017-05-17 00:00:00
Type: RCRA
Title Description: Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/17/2017

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class Determination - Agency Initiated
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2013-03-15 00:00:00
Type: RCRA
Title Description: Permit Mod No. 3: Ownership changes, stock change
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class Determination - Agency Initiated - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/16/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2015-03-09 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 4: Re-route Process Pipes
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	03/09/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - DISCLOSURE (RECEIVED)
Actual Date:	02/17/2015
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	Public notice is in Spanish and English.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	07/03/2019

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Admin changes to the Ops Plan, Section H and Appendix E.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date:	03/17/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	Spanish public notice in El Observador newspaper on 7/5. English public notice in San Jose Mercury News on 7/8.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	07/05/2019

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	On 2/4/2020, Lori sent letter that tank assessments meet requirements.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date:	02/04/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date:	08/24/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - CLASS DETERMINATION
Actual Date:	07/01/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Mailed on 8/28/2020.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO MAILING LIST BY PERMITTEE
Actual Date:	08/28/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	No public hearing or meeting due to lack of interest based upon the community survey.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date:	05/03/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 2: Partial Closure-PGMEA Tank System Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/15/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2015-03-09 00:00:00
Type: RCRA
Title Description: Permit Mod No. 4: Re-route Process Pipes
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/15/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 03/17/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date:	11/15/2014
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-11-19 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 10: Closure of 2 Bottlewasher Units
Due Date:	Not reported
Comments:	In Newspaper on July 3. Spanish and English. Received affidavit on 7/6.
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	07/03/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2020-09-03 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 11: Extension of Closure Period
Due Date:	Not reported
Comments:	Published in Spanish and English newspaper on 8/28/2020.
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - PUBLIC NOTICE TO NEWSPAPER BY PERMITTEE
Actual Date:	08/28/2020
EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	02/04/2022
Comments:	Final Permit App submitted on 2/4/2022. 25 closed tanks were removed from it.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date:	02/04/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - CEQA DETERMINATION
Actual Date:	05/24/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	On 9/27/19, HGST submitted a revised first WP. DTSC approved it on 10/11/19. On 4/10/20, HGST submitted soil sampling plan. DTSC approved it on 4/24/20.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - RESPONSE TO 1ST REQUEST FOR FUTHER INFORMATION RECEIVED
Actual Date:	04/24/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-19 00:00:00
Type:	RCRA
Title Description:	Admin changes to Operations Plan
Due Date:	Not reported
Comments:	Not reported
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EFFECTIVE)
Actual Date:	04/19/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	*Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2013-03-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No.1: Class 1 and Class 1* PM for partial closure Scrubber Waste tank system
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/16/2005

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit
Final Date: 2021-07-15 00:00:00
Type: RCRA
Title Description: Permit Mod No.8 - Closure of 9 Tanks
Due Date: Not reported
Comments: Addendum to EIR was prepared.
Unit Names: Tank Farm B, Waste Vault 67
Event Description: Mod Class 1* - Prior Approval Required - CEQA CONSULTATION
Actual Date: 08/31/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: New Operating Permit
Permit Being Modified: Not reported
Final Date: 2022-05-24 00:00:00
Type: RCRA
Title Description: Permit Renewal
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description: Renewal - With Changes - CALL-IN LETTER ISSUED
Actual Date: 04/30/2014

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Final Date:	2017-07-26 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 7: C1PM-No Prior Approval Name Change Only
Due Date:	Not reported
Comments:	7/25/2017 - Facility withdrew permit mod request because the company has not decided on a name change yet or will not decide for a year or more. Facility sent a letter to rescind their permit mod request. 7/26/2017 - DTSC sent letter acknowledging the withdrawal of the permit modification request.
Unit Names:	Not reported
Event Description:	*Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date:	07/26/2017
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	New Operating Permit
Permit Being Modified:	Not reported
Final Date:	2022-05-24 00:00:00
Type:	RCRA
Title Description:	Permit Renewal
Due Date:	03/16/2022
Comments:	No public hearing or meeting due to lack of interest based upon the community survey.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Waste Vault 08, Waste Vault 25, Waste Vault 27, Waste Vault 28, Waste Vault 45
Event Description:	Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	03/16/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2017-05-17 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 6: Class 1 Permit Mod for Emergency Contact Change
Due Date:	05/17/2017
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	05/17/2017

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Final subsurface sampling report submitted on 5/9/2022.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED (EXPIRES)
Actual Date:	05/25/2023

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	Updated permit app dated 4/30/2021.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date:	04/30/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-04-15 00:00:00

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type:	RCRA
Title Description:	Permit Mod No. 12 - Ownership Change
Due Date:	Not reported
Comments:	DTSC modified the permit with the new name.
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	04/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - MODIFICATION NOTIFICATION / CLASS DETERMINATION REQUEST
Actual Date:	05/11/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit
Due Date:	Not reported
Comments:	Revised Part B received from Hitachi
Unit Names:	ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

	Vault 45, Waste Vault 67
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	05/23/2003
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - With Changes
Final Date:	2022-08-30 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 13 - WV45, T-101 Closure
Due Date:	Not reported
Comments:	Rob prepared an Addendum to the EIR.
Unit Names:	Waste Vault 45
Event Description:	Mod Class 1* - Prior Approval Required - INITIAL CEQA DOCUMENT DETERMINATION
Actual Date:	09/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1* - Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	New Operating Permit
Final Date:	2021-07-15 00:00:00
Type:	RCRA
Title Description:	Permit Mod No. 9: Closure of 16 Tanks
Due Date:	Not reported
Comments:	Addendum to EIR signed 9/21.
Unit Names:	Tank Farm B, Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26
Event Description:	Mod Class 1* - Prior Approval Required - DRAFT CEQA TO OPEA
Actual Date:	09/21/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2005-05-16 00:00:00
Type:	RCRA
Title Description:	New Operating Permit

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 05/15/2015

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2005-05-16 00:00:00
Type: RCRA
Title Description: New Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1, Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 05/16/2005

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2005-05-16 00:00:00
Type: RCRA
Title Description: New Operating Permit
Due Date: Not reported
Comments: Not reported
Unit Names: ACID STORAGE 1, ACID STORAGE 2, ACID STORAGE 3, Base Storage 1, Base Storage 2, Bldg 110 A Plant, Bldg 110 D Plant, Bottle Washer #1, Bottle Washer #2, Cold Storage, Filter Press, Flammable Storage 1,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Flammable Storage 2, Flammable Storage 3, General Storage 1, General Storage 2, Oxidizer Storage, Special Storage, Tank Farm B, Waste Vault 03, Waste Vault 08, Waste Vault 12, Waste Vault 19, Waste Vault 25, Waste Vault 26, Waste Vault 27, Waste Vault 28, Waste Vault 29, Waste Vault 45, Waste Vault 67

Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/16/2005

Closure:
EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: Not reported
Comments: Not reported
Unit Names: Waste Vault 29
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 03/08/2006

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Bottlewashers 1 & 2 Closure
Due Date: Not reported
Comments: See Permit Mod #10
Unit Names: Bottle Washer #1, Bottle Washer #2
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 11/19/2020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Bottlewashers 1 & 2 Closure

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Due Date:	Not reported
Comments:	See Permit Mod #10
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Closure - CLOSURE PLAN APPROVED
Actual Date:	11/19/2020
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 16 Tanks & Waste Vaults 03, 12, 19, 26
Due Date:	Not reported
Comments:	Closure certification of tanks is in a separate report than the subsurface sampling report.
Unit Names:	Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 26
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date:	05/22/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 9 Tanks, Waste Vault 67 & CTF-B
Due Date:	Not reported
Comments:	Emailed letter to WDT on 7/15/2021.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	07/15/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Unit Names:	Waste Vault 45
Event Description:	Closure - RESPONSE TO 3RD NOD RECEIVED
Actual Date:	08/09/2022
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Closure Plan dated 5/28. Subsurface Sampling Plan dated 8/05.
Unit Names:	Waste Vault 45
Event Description:	Closure - CLOSURE PLAN RECEIVED
Actual Date:	05/28/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	08/05/2021
EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	07/27/2021

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: 07/30/2022
Comments: Acknowledgement lttr dated 8/30/2022.
Unit Names: Waste Vault 45
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 08/30/2022

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: See Permit Mod No. 13.
Unit Names: Waste Vault 45
Event Description: Closure - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/10/2022

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: Closure Plan approved on 8/27. Subsurface Sampling Plan approved on 8/19.
Unit Names: Waste Vault 45
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 08/27/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 9 Tanks, Waste Vault 67 & CTF-B
Due Date:	Not reported
Comments:	The Tanks Closure Certification report is separate from the subsurface sampling report.
Unit Names:	Tank Farm B, Waste Vault 67
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date:	05/22/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Received final subsurface sampling report dated 5/9/22.
Unit Names:	Waste Vault 45
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date:	05/09/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of 16 Tanks & Waste Vaults 03, 12, 19, 26
Due Date:	Not reported
Comments:	Emailed letter on 7/15 to WDT.
Unit Names:	Waste Vault 03, Waste Vault 12, Waste Vault 19, Waste Vault 26
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	07/15/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	See Permit Mod No. 13.
Unit Names:	Waste Vault 45
Event Description:	Closure - 3RD NOTICE OF DEFICIENCY ISSUED
Actual Date:	04/08/2022

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Closure Plan dated 5/28.
Unit Names:	Waste Vault 45
Event Description:	Closure - CLOSURE PLAN REQUESTED
Actual Date:	05/28/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Request letter dated 5/12.
Unit Names:	Waste Vault 45
Event Description:	Closure - CLOSURE NOTICE RECEIVED
Actual Date:	05/12/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of WV45 & T-101
Due Date:	Not reported
Comments:	Rob Irving prepared an Addendum to the EIR.
Unit Names:	Waste Vault 45
Event Description:	Closure - DRAFT CEQA
Actual Date:	08/24/2021

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Bottlewashers 1 & 2 Closure
Due Date:	Not reported
Comments:	See Permit Mod #10
Unit Names:	Bottle Washer #1, Bottle Washer #2
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	11/19/2020

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported
Type:	RCRA
Title Description:	Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Waste Vault 29
Event Description:	Closure - CLOSURE NOTICE RECEIVED
Actual Date:	11/01/2005

EPA ID:	CAR000128793
Facility Type:	Permitted - Operating
Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Project Manager:	NADINE DOUGHMAN
Project Manager Lead:	NADINE DOUGHMAN
Supervisor:	PHILLIP BLUM
Facility Size:	Large Treatment
Facility Status:	OPERATING PERMIT
Activity Type:	Closure
Final Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: 05/30/2016
Comments: Not reported
Unit Names: Waste Vault 29
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 04/04/2016

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: See Permit Mod No. 13.
Unit Names: Waste Vault 45
Event Description: Closure - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 01/29/2022

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported
Comments: NOD was submitted to State Clearinghouse on 9/1/22.
Unit Names: Waste Vault 45
Event Description: Closure - CEQA DETERMINATION
Actual Date: 09/01/2022

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Closure of WV45 & T-101
Due Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Comments: Rob Irving prepared an Addendum to the EIR.
Unit Names: Waste Vault 45
Event Description: Closure - FINAL CEQA
Actual Date: 09/15/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: 11/30/2016
Comments: Berkeley Clean-up approved closure as part of HGST s Corrective Action.
Unit Names: Waste Vault 29
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 01/22/2016

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Size: Large Treatment
Facility Status: OPERATING PERMIT
Activity Type: Closure
Final Date: Not reported
Type: RCRA
Title Description: Permit Mod No. 5: Partial Closure of Waste Vault 29
Due Date: Not reported
Comments: Not reported
Unit Names: Waste Vault 29
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 01/20/2006

Maint:
EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Certification Report for Splitter Box Tank T-707 Structural Repairs
Document Type: Certification Documents from Facility
Receive Date: 06/14/2018
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: WDT: 2021 VSP
Document Type: Meeting with Facility
Receive Date: 03/03/2022
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Annual Waste Minimization Certification 2018
Document Type: Certification Documents from Facility
Receive Date: 01/15/2018
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 2020 Waste Minimization Certification
Document Type: Certification Documents from Facility
Receive Date: 01/23/2020
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 2021 Waste Minimization Certificate
Document Type: Certification Documents from Facility
Receive Date: 01/25/2021
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 02/23/2022
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 02/26/2023
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 03/01/2021
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Annual Waste Minimization Certification 2019
Document Type: Certification Documents from Facility
Receive Date: 01/09/2019
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: VSP Audits
Document Type: File Review Request
Receive Date: 06/28/2022
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: 06/28/2021

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: VSP Audit Report 2023
Document Type: Correspondence
Receive Date: 08/03/2023
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Status: OPERATING PERMIT
Due Date: 07/11/2023

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Title: Western Digital Technologies: Tier Challenge Public Meeting July 21st
Document Type: Meeting with Facility
Receive Date: 06/21/2021
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

Alias:
EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Project Code (Site Code)
Alias: 201476

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Project Code (Site Code)
Alias: 500305

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: APN
Alias: 70607020

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Former EPA ID
Alias: CAD990843989

EPA ID: CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Alternate Name
Alias: HGST, Inc.

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Alternate Name
Alias: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC (HGST)

EPA ID: CAR000128793
Facility Type: Permitted - Operating
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Status: OPERATING PERMIT
Project Manager: NADINE DOUGHMAN
Project Manager Lead: NADINE DOUGHMAN
Supervisor: PHILLIP BLUM
Alias Type: Alternate Name
Alias: IBM CORPORATION

HWTS:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAR000128793
Inactive Date: Not reported
Create Date: 03/04/2003
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 5601 GREAT OAKS PKWY
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951191003
Owner Name: WESTERN DIGITAL TECHNOLOGIES INC
Owner Address: 5601 GREAT OAKS PKWY
Owner Address 2: Not reported
Owner City,State,Zip: SAN JOSE, CA 951191003
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: DENISE W LLOYD
Contact Address: 5601 GREAT OAKS PKWY
Contact Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191003
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Category: FEDERAL
Latitude: 37.24612
Longitude: -121.79442

NAICS:
EPA ID: CAR000128793
Create Date: 2003-10-23 13:13:52.000
NAICS Code: 334112
NAICS Description: Computer Storage Device Manufacturing
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: Not reported
Facility Name: WESTERN DIGITAL TECHNOLOGIES INC
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

HAZNET:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951191003
Contact: DENISE W LLOYD
Telephone: 4087176196
Mailing Name: Not reported
Mailing Address: 5601 GREAT OAKS PKWY

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H020 - Solvents Recovery
Tons: 4.094

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: UTD991301748
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.3835

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 22.3015

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: UTD991301748
CA Waste Code: 223 - Unspecified oil-containing waste

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 13.23504

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.49

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: NED981723513
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 19.687

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.64

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: UTD991301748
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.373

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: NVD980895338
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H100 -
Tons: 0.237

Year: 2021
Gepaid: CAR000128793
TSD EPA ID: CAD008302903
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H020 - Solvents Recovery
Tons: 2.88574

Click this hyperlink while viewing on your computer to access
794 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2021
Gen EPA ID: CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	9/3/2020
Creation Date:	9/28/2020
Receipt Date:	9/8/2020
Manifest ID:	011840049FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	15.1632
Waste Quantity:	4212
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/29/2020
Creation Date:	10/22/2020
Receipt Date:	10/2/2020
Manifest ID:	011840057FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	17.8992
Waste Quantity:	4972
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.15
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.6
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/26/2020
Creation Date:	10/28/2020
Receipt Date:	10/8/2020
Manifest ID:	015465383FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	4.4425
Waste Quantity:	8885
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	7.8485
Waste Quantity:	15697
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002,D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.2075
Waste Quantity:	415
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	4.675
Waste Quantity:	9350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D001,D002,D007,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.581
Waste Quantity:	1162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D001,D002
Meth Code:	H070 - Not reported
Quantity Tons:	0.9405
Waste Quantity:	1881
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAR000128793
Shipment Date:	9/3/2020
Creation Date:	9/28/2020
Receipt Date:	9/8/2020
Manifest ID:	011840049FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	15.1632
Waste Quantity:	4212
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/29/2020
Creation Date:	10/22/2020
Receipt Date:	10/2/2020
Manifest ID:	011840057FLE
Trans EPA ID:	ARR000016055
Trans Name:	Sindle Trucking LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H020 - Solvents Recovery
Quantity Tons:	17.8992
Waste Quantity:	4972
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.6
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/28/2020
Creation Date:	10/18/2020
Receipt Date:	9/28/2020
Manifest ID:	015465496FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.15
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/26/2020
Creation Date:	10/28/2020
Receipt Date:	10/8/2020
Manifest ID:	015465383FLE
Trans EPA ID:	MAD039322250
Trans Name:	Clean Harbors Environmental Services, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD980675276
Trans Name:	Clean Harbors Buttonwillow LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.4425
Waste Quantity:	8885
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	4.675
Waste Quantity:	9350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002,D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.2075
Waste Quantity:	415
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726,792 - Not reported
RCRA Code:	D002,D007,D008,
Meth Code:	H121 - Neutralization Only
Quantity Tons:	7.8485
Waste Quantity:	15697
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D001,D002,D007,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.581
Waste Quantity:	1162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	9/25/2020
Creation Date:	11/2/2020
Receipt Date:	10/15/2020
Manifest ID:	011840055FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21st Century Environmental Management of Nevada, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D001,D002
Meth Code:	H070 - Not reported
Quantity Tons:	0.9405
Waste Quantity:	1881
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	853597b1-c574-41d0-a720-fefde9f05cb4
Shipment Date:	9/26/2020
Receipt Date:	10/8/2020
Manifest Number:	015465383FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	Denise Lloyd
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	2500 West Lokern Road
TSDF Address 2:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	853597b1-c574-41d0-a720-fefde9f05cb4
Generator EPA ID:	CAR000128793
Shipment Date:	2020-09-26
Manifest Number:	015465383FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	4.44250
Quantity Waste:	8885.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2020
EM Manifest ID:	d1133182-8fac-42d1-939c-91665623c428
Shipment Date:	9/22/2020
Receipt Date:	9/24/2020
Manifest Number:	014454775FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	2500 West Lokern Road
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	d1133182-8fac-42d1-939c-91665623c428
Generator EPA ID:	CAR000128793
Shipment Date:	2020-09-22
Manifest Number:	014454775FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	21.09150
Quantity Waste:	42183.000000
Quantity Unit:	P

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Number of Containers:	20
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2020
EM Manifest ID:	9090b21e-dd59-4e44-97b9-11314291961c
Shipment Date:	8/4/2020
Receipt Date:	8/12/2020
Manifest Number:	011840040FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	ARR000016055
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	ARR000016055
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	ILD005450697
TSDF Name:	Clean Harbors Recycling Services of Chicago, LLC
TSDF Address 1:	1445 W 42nd Street
TSDF Address 2:	Not reported
TSDF City:	Chicago
TSDF Zip:	60609
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	9090b21e-dd59-4e44-97b9-11314291961c
Generator EPA ID:	CAR000128793
Shipment Date:	2020-08-04
Manifest Number:	011840040FLE
Line Number:	1
Method Code:	H020
Quantity Tons:	13.91760
Quantity Waste:	3866.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Cargo tanks (tank trucks)
Quantity Type:	Gallons
State Code:	214

Year:	2020
EM Manifest ID:	1625e6b3-09c2-41c8-ae48-9c64b852f984
Shipment Date:	8/14/2020
Receipt Date:	8/28/2020
Manifest Number:	015171238FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	2500 West Lokern Road
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2020
EM Manifest ID:	1625e6b3-09c2-41c8-ae48-9c64b852f984
Generator EPA ID:	CAR000128793
Shipment Date:	2020-08-14
Manifest Number:	015171238FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	4.46100
Quantity Waste:	8922.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2020
EM Manifest ID:	9315a166-eed4-4f07-9abb-a961a805b417
Shipment Date:	7/31/2020
Receipt Date:	8/27/2020
Manifest Number:	015172683FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	Clean Harbors Environmental Services, Inc.
TSDF Address 1:	2247 South Highway 71
TSDF Address 2:	Not reported
TSDF City:	Kimball
TSDF Zip:	69145

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: 9315a166-eed4-4f07-9abb-a961a805b417
Generator EPA ID: CAR000128793
Shipment Date: 2020-07-31
Manifest Number: 015172683FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.25300
Quantity Waste: 506.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2020
EM Manifest ID: 9315a166-eed4-4f07-9abb-a961a805b417
Generator EPA ID: CAR000128793
Shipment Date: 2020-07-31
Manifest Number: 015172683FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.25300
Quantity Waste: 506.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 141

Year: 2020
EM Manifest ID: 40c16554-a0e8-4e30-892a-2cbf4673638f
Shipment Date: 7/31/2020
Receipt Date: 8/27/2020
Manifest Number: 015172684FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD059494310
TSDF Name: Clean Harbors San Jose LLC
TSDF Address 1: 1021 Berryessa Road
TSDF Address 2: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF City: San Jose
TSDF Zip: 95133
TSDF Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 40c16554-a0e8-4e30-892a-2cbf4673638f
Generator EPA ID: CAR000128793
Shipment Date: 2020-07-31
Manifest Number: 015172684FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.52600
Quantity Waste: 1052.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 214

Year: 2020
EM Manifest ID: 561ee9ef-3573-4b14-bb5c-5eb92980149f
Shipment Date: 7/31/2020
Receipt Date: 8/17/2020
Manifest Number: 015172682FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD991301748
TSDF Name: Clean Harbors Grassy Mountain LLC
TSDF Address 1: 3 Miles East 7 Miles North of Knolls
TSDF Address 2: Exit 41 off I-80
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: 561ee9ef-3573-4b14-bb5c-5eb92980149f
Generator EPA ID: CAR000128793
Shipment Date: 2020-07-31
Manifest Number: 015172682FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.28350
Quantity Waste: 2567.000000
Quantity Unit: P

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Number of Containers: 10
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D007

State:
Year: 2020
EM Manifest ID: 561ee9ef-3573-4b14-bb5c-5eb92980149f
Generator EPA ID: CAR000128793
Shipment Date: 2020-07-31
Manifest Number: 015172682FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.28350
Quantity Waste: 2567.000000
Quantity Unit: P
Number of Containers: 10
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 181

Year: 2020
EM Manifest ID: 561ee9ef-3573-4b14-bb5c-5eb92980149f
Generator EPA ID: CAR000128793
Shipment Date: 2020-07-31
Manifest Number: 015172682FLE
Line Number: 2
Method Code: H132
Quantity Tons: 4.90050
Quantity Waste: 9801.000000
Quantity Unit: P
Number of Containers: 22
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 151

Year: 2020
EM Manifest ID: 886642
Shipment Date: 6/17/2019
Receipt Date: 7/10/2019
Manifest Number: 011839936FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY B109/RM 523
Address 2: Not reported
City: SAN JOSE
Zip: 95119
Telephone: 877-577-2669
Contact: Not reported
Contact Telephone: 775-575-2760
Transporter 1 EPA ID: MNS000110924
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NVD980895338
TSDF Name: 21st Century Environmental Management of Nevada, LLC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Address 1: 2095 Newlands Drive East
TSDF Address 2: Not reported
TSDF City: Fernley
TSDF Zip: 89408
TSDF Telephone: Not reported

Federal:
Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950
Quantity Waste: 2399.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Portable tanks
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950
Quantity Waste: 2399.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Portable tanks
Quantity Type: Pounds
Federal Code: D007

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950
Quantity Waste: 2399.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Portable tanks
Quantity Type: Pounds
Federal Code: D008

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H121
Quantity Tons:	1.19950
Quantity Waste:	2399.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D011
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	3
Method Code:	H010
Quantity Tons:	0.14050
Quantity Waste:	281.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	3
Method Code:	H010
Quantity Tons:	0.14050
Quantity Waste:	281.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type: Pounds
Federal Code: D011

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 5
Method Code: H070
Quantity Tons: 0.72400
Quantity Waste: 1448.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 5
Method Code: H070
Quantity Tons: 0.72400
Quantity Waste: 1448.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950
Quantity Waste: 2399.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Portable tanks
Quantity Type: Pounds
State Code: 726

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 1
Method Code: H121
Quantity Tons: 1.19950

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	2399.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Portable tanks
Quantity Type:	Pounds
State Code:	792

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.24150
Quantity Waste:	483.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	726

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	3
Method Code:	H010
Quantity Tons:	0.14050
Quantity Waste:	281.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	1.90950
Quantity Waste:	3819.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	726

Year:	2020
EM Manifest ID:	886642
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-17
Manifest Number:	011839936FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number: 4
Method Code: H121
Quantity Tons: 1.90950
Quantity Waste: 3819.000000
Quantity Unit: P
Number of Containers: 9
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 792

Year: 2020
EM Manifest ID: 886642
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-17
Manifest Number: 011839936FLE
Line Number: 5
Method Code: H070
Quantity Tons: 0.72400
Quantity Waste: 1448.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 792

Year: 2020
EM Manifest ID: 43734ddf-e57d-477f-85a5-9ee66926e9a3
Shipment Date: 5/4/2020
Receipt Date: 5/13/2020
Manifest Number: 014574783FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD059494310
TSDF Name: Clean Harbors San Jose LLC
TSDF Address 1: 1021 Berryessa Road
TSDF Address 2: Not reported
TSDF City: San Jose
TSDF Zip: 95133
TSDF Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 43734ddf-e57d-477f-85a5-9ee66926e9a3
Generator EPA ID: CAR000128793
Shipment Date: 2020-05-04
Manifest Number: 014574783FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	1
Method Code:	H141
Quantity Tons:	1.77000
Quantity Waste:	3540.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	214

Year:	2020
EM Manifest ID:	43734ddf-e57d-477f-85a5-9ee66926e9a3
Generator EPA ID:	CAR000128793
Shipment Date:	2020-05-04
Manifest Number:	014574783FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	1.13750
Quantity Waste:	2275.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	352

Year:	2020
EM Manifest ID:	43734ddf-e57d-477f-85a5-9ee66926e9a3
Generator EPA ID:	CAR000128793
Shipment Date:	2020-05-04
Manifest Number:	014574783FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.74150
Quantity Waste:	1483.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2020
EM Manifest ID:	36acc252-4c98-40b7-8b98-2226a1c90141
Shipment Date:	5/4/2020
Receipt Date:	5/15/2020
Manifest Number:	014574782FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD980675276
TSDF Name: Clean Harbors Buttonwillow LLC
TSDF Address 1: 2500 West Lokern Road
TSDF Address 2: Not reported
TSDF City: Buttonwillow
TSDF Zip: 93206
TSDF Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 36acc252-4c98-40b7-8b98-2226a1c90141
Generator EPA ID: CAR000128793
Shipment Date: 2020-05-04
Manifest Number: 014574782FLE
Line Number: 1
Method Code: H132
Quantity Tons: 0.69050
Quantity Waste: 1381.000000
Quantity Unit: P
Number of Containers: 5
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 181

Detail Two:
Year: 2019
EM Manifest ID: 531063
Shipment Date: 8/9/2019
Receipt Date: 8/19/2019
Manifest Number: 001524468VES
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: MAIL STOP B050
City: SAN JOSE
Zip: 95119
Telephone: 877-818-0087
Contact: Not reported
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: NJD080631369
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: ILD098642424
TSDF Name: VEOLIA TECHNICAL SOLUTIONS LLC
TSDF Address 1: 7 MOBILE AVE
TSDF Address 2: Not reported
TSDF City: SAUGET
TSDF Zip: 62201
TSDF Telephone: Not reported

State:
Year: 2019
EM Manifest ID: 531063
Generator EPA ID: CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2019-08-09
Manifest Number:	001524468VES
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00050
Quantity Waste:	1.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Cylinders
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	641258
Shipment Date:	8/19/2019
Receipt Date:	9/17/2019
Manifest Number:	013234207FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	PO Box 787
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	641258
Generator EPA ID:	CAR000128793
Shipment Date:	2019-08-19
Manifest Number:	013234207FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	1.50000
Quantity Waste:	3000.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2019
EM Manifest ID:	791110

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	8/19/2019
Receipt Date:	9/4/2019
Manifest Number:	013234208FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	COD991300484
TSDF Name:	Clean Harbors Deer Trail LLC
TSDF Address 1:	108555 East Highway 36
TSDF Address 2:	Not reported
TSDF City:	Deer Trail
TSDF Zip:	80105
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	791110
Generator EPA ID:	CAR000128793
Shipment Date:	2019-08-19
Manifest Number:	013234208FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	0.75000
Quantity Waste:	1500.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	434208
Shipment Date:	7/9/2019
Receipt Date:	7/12/2019
Manifest Number:	001723873VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD008302903
TSDF Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1: 1704 W FIRST ST
TSDF Address 2: Not reported
TSDF City: AZUSA
TSDF Zip: 91702
TSDF Telephone: Not reported

Federal:
Year: 2019
EM Manifest ID: 434208
Generator EPA ID: CAR000128793
Shipment Date: 2019-07-09
Manifest Number: 001723873VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.08800
Quantity Waste: 176.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 434208
Generator EPA ID: CAR000128793
Shipment Date: 2019-07-09
Manifest Number: 001723873VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.08800
Quantity Waste: 176.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2019
EM Manifest ID: 434208
Generator EPA ID: CAR000128793
Shipment Date: 2019-07-09
Manifest Number: 001723873VES
Line Number: 2
Method Code: H141
Quantity Tons: 0.06050
Quantity Waste: 121.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 434208
Generator EPA ID: CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U219

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.09600
Quantity Waste:	192.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.06800
Quantity Waste:	136.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.04850
Quantity Waste:	97.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08800

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	176.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06050
Quantity Waste:	121.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.09450
Quantity Waste:	189.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05250
Quantity Waste:	105.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.09600
Quantity Waste:	192.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	434208

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.06800
Quantity Waste:	136.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.04850
Quantity Waste:	97.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	434208
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-09
Manifest Number:	001723873VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2019
EM Manifest ID:	434209
Shipment Date:	7/8/2019
Receipt Date:	7/12/2019
Manifest Number:	001723875VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	1704 W FIRST ST
TSDF Address 2:	Not reported
TSDF City:	AZUSA
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2019
EM Manifest ID:	434209
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-08
Manifest Number:	001723875VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	D003

Year:	2019
EM Manifest ID:	434209
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-08
Manifest Number:	001723875VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
Federal Code:	P106

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

State:

Year:	2019
EM Manifest ID:	434209
Generator EPA ID:	CAR000128793
Shipment Date:	2019-07-08
Manifest Number:	001723875VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	dc1db7e6-f4b6-41c9-b0f2-ad0329e34877
Shipment Date:	6/14/2019
Receipt Date:	6/20/2019
Manifest Number:	013209224FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	B/050
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD059494310
TSDF Name:	Clean Harbors San Jose LLC
TSDF Address 1:	1021 Berryessa Road
TSDF Address 2:	Not reported
TSDF City:	San Jose
TSDF Zip:	95133
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	dc1db7e6-f4b6-41c9-b0f2-ad0329e34877
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209224FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.33650
Quantity Waste:	673.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

State Code: 223

Year: 2019
EM Manifest ID: 310d82d7-9e45-450e-acaf-29a4a88a405d
Shipment Date: 6/14/2019
Receipt Date: 6/26/2019
Manifest Number: 013209221FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD980675276
TSDF Name: Clean Harbors Buttonwillow LLC
TSDF Address 1: PO Box 787
TSDF Address 2: Not reported
TSDF City: Buttonwillow
TSDF Zip: 93206
TSDF Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 310d82d7-9e45-450e-acaf-29a4a88a405d
Generator EPA ID: CAR000128793
Shipment Date: 2019-06-14
Manifest Number: 013209221FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.01000
Quantity Waste: 2020.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 151

Year: 2019
EM Manifest ID: 88a698d8-01ca-4148-b600-27a43179a6b5
Shipment Date: 6/14/2019
Receipt Date: 6/27/2019
Manifest Number: 013209222FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: B/050
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	UTD991301748
TSDF Name:	Clean Harbors Grassy Mountain LLC
TSDF Address 1:	PO Box 22750
TSDF Address 2:	Not reported
TSDF City:	Salt Lake City
TSDF Zip:	84122
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	88a698d8-01ca-4148-b600-27a43179a6b5
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209222FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	0.83100
Quantity Waste:	1662.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2019
EM Manifest ID:	88a698d8-01ca-4148-b600-27a43179a6b5
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209222FLE
Line Number:	2
Method Code:	H132
Quantity Tons:	5.81200
Quantity Waste:	11624.000000
Quantity Unit:	P
Number of Containers:	25
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	132

Year:	2019
EM Manifest ID:	88a698d8-01ca-4148-b600-27a43179a6b5
Generator EPA ID:	CAR000128793
Shipment Date:	2019-06-14
Manifest Number:	013209222FLE
Line Number:	3
Method Code:	H132
Quantity Tons:	0.49650
Quantity Waste:	993.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

State Code: 291

Year: 2019
EM Manifest ID: 00b762c6-17bd-44ca-9113-73fa3def7060
Shipment Date: 5/9/2019
Receipt Date: 5/21/2019
Manifest Number: 013469669FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Mailstop 109/Room 523
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718
Contact: HGST Security
Contact Telephone: 408-717-6255
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD991301748
TSDF Name: Clean Harbors Grassy Mountain LLC
TSDF Address 1: PO Box 22750
TSDF Address 2: Not reported
TSDF City: Salt Lake City
TSDF Zip: 84122
TSDF Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 00b762c6-17bd-44ca-9113-73fa3def7060
Generator EPA ID: CAR000128793
Shipment Date: 2019-05-09
Manifest Number: 013469669FLE
Line Number: 1
Method Code: H132
Quantity Tons: 1.71050
Quantity Waste: 3421.000000
Quantity Unit: P
Number of Containers: 7
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 133

Year: 2019
EM Manifest ID: 21a46b7d-eeaa-44d5-8b29-070a3f91776c
Shipment Date: 5/9/2019
Receipt Date: 5/22/2019
Manifest Number: 013469668FLE
Generator EPA ID: CAR000128793
Name: HGST INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Mailstop 109/Room 523
City: SAN JOSE
Zip: 95119
Telephone: 800-483-3718

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	PO Box 787
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	21a46b7d-eeaa-44d5-8b29-070a3f91776c
Generator EPA ID:	CAR000128793
Shipment Date:	2019-05-09
Manifest Number:	013469668FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	1.15650
Quantity Waste:	2313.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	21a46b7d-eeaa-44d5-8b29-070a3f91776c
Generator EPA ID:	CAR000128793
Shipment Date:	2019-05-09
Manifest Number:	013469668FLE
Line Number:	2
Method Code:	H132
Quantity Tons:	0.68805
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	352

Detail Two:

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Shipment Date:	9/25/2017
Receipt Date:	10/13/2017
Manifest Number:	008768715FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	NED896382133
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980665560
TSDF Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.37650
Quantity Waste:	753.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.37650
Quantity Waste:	753.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	2
Method Code:	Not reported
Quantity Tons:	1.28250
Quantity Waste:	2565.000000
Quantity Unit:	P
Number of Containers:	10

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	2
Method Code:	Not reported
Quantity Tons:	1.28250
Quantity Waste:	2565.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	3
Method Code:	Not reported
Quantity Tons:	2.47900
Quantity Waste:	4958.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	3
Method Code:	Not reported
Quantity Tons:	2.47900
Quantity Waste:	4958.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	4
Method Code:	Not reported
Quantity Tons:	4.68400
Quantity Waste:	9368.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008
Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	5
Method Code:	Not reported
Quantity Tons:	0.72800
Quantity Waste:	1456.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	6
Method Code:	Not reported
Quantity Tons:	1.20700
Quantity Waste:	2414.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011

State:

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.37650
Quantity Waste:	753.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	223

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	2
Method Code:	Not reported
Quantity Tons:	1.28250
Quantity Waste:	2565.000000
Quantity Unit:	P
Number of Containers:	10
Type of Container:	NULL
Quantity Type:	NULL
State Code:	792

Year:	2018
EM Manifest ID:	008768715FLE20170925_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-25
Manifest Number:	008768715FLE
Line Number:	3
Method Code:	Not reported
Quantity Tons:	2.47900
Quantity Waste:	4958.000000
Quantity Unit:	P
Number of Containers:	10

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Type of Container: NULL
Quantity Type: NULL
State Code: 792

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 4
Method Code: Not reported
Quantity Tons: 4.68400
Quantity Waste: 9368.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
State Code: 726

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 5
Method Code: Not reported
Quantity Tons: 0.72800
Quantity Waste: 1456.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
State Code: 726

Year: 2018
EM Manifest ID: 008768715FLE20170925_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-25
Manifest Number: 008768715FLE
Line Number: 6
Method Code: Not reported
Quantity Tons: 1.20700
Quantity Waste: 2414.000000
Quantity Unit: P
Number of Containers: 5
Type of Container: NULL
Quantity Type: NULL
State Code: 726

Year: 2018
EM Manifest ID: 001234432VES20170920_D_1
Shipment Date: 9/20/2017
Receipt Date: 9/27/2017
Manifest Number: 001234432VES
Generator EPA ID: CAR000128793
Name: HGST INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAD982523433
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D035

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F003
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U003
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U161
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D003
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U070

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	6
Method Code:	H141
Quantity Tons:	1.34000
Quantity Waste:	2680.000000
Quantity Unit:	P
Number of Containers:	14
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.18300
Quantity Waste:	366.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	NULL
Federal Code:	D002
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	13
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	13
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D011
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D003
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	15
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: F002

Year: 2018
EM Manifest ID: 001234432VES20170920_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-20
Manifest Number: 001234432VES
Line Number: 15
Method Code: H141
Quantity Tons: 0.04000
Quantity Waste: 80.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: F003

Year: 2018
EM Manifest ID: 001234432VES20170920_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-20
Manifest Number: 001234432VES
Line Number: 15
Method Code: H141
Quantity Tons: 0.04000
Quantity Waste: 80.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: F005

State:
Year: 2018
EM Manifest ID: 001234432VES20170920_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-20
Manifest Number: 001234432VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.08750
Quantity Waste: 175.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Year: 2018
EM Manifest ID: 001234432VES20170920_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-09-20
Manifest Number: 001234432VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	2
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	6
Method Code:	H141
Quantity Tons:	1.34000
Quantity Waste:	2680.000000
Quantity Unit:	P
Number of Containers:	14
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.18300
Quantity Waste:	366.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181

Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	13
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00250
Quantity Waste:	5.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141
Year:	2018
EM Manifest ID:	001234432VES20170920_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-09-20
Manifest Number:	001234432VES
Line Number:	15
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352
Year:	2018
EM Manifest ID:	124947
Shipment Date:	9/18/2018
Receipt Date:	9/21/2018
Manifest Number:	001520757VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	107 SOUTH MOTOR AVENUE
TSDF Address 2:	Not reported
TSDF City:	IRWINDALE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Zip: 91702
TSDF Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 3
Method Code: H141
Quantity Tons: 0.10250
Quantity Waste: 205.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 4
Method Code: H141
Quantity Tons: 0.10250
Quantity Waste: 205.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 5
Method Code: H141
Quantity Tons: 0.10250
Quantity Waste: 205.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 6
Method Code: H141
Quantity Tons: 0.07250
Quantity Waste: 145.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 7
Method Code: H141
Quantity Tons: 0.07250
Quantity Waste: 145.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 1
Method Code: H141
Quantity Tons: 0.21000
Quantity Waste: 420.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 2
Method Code: H141
Quantity Tons: 0.10250
Quantity Waste: 205.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2018
EM Manifest ID: 124947
Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	3
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.10250
Quantity Waste:	205.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947
Generator EPA ID:	CAR000128793
Shipment Date:	2018-09-18
Manifest Number:	001520757VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.07250
Quantity Waste:	145.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	124947

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID: CAR000128793
Shipment Date: 2018-09-18
Manifest Number: 001520757VES
Line Number: 7
Method Code: H141
Quantity Tons: 0.07250
Quantity Waste: 145.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 141

Year: 2018
EM Manifest ID: 001234224VES20170831_D_1
Shipment Date: 8/31/2017
Receipt Date: 9/18/2017
Manifest Number: 001234224VES
Generator EPA ID: CAR000128793
Name: HGST INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: NJD080631369
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAT000624247
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: ILD098642424
TSDF Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 001234224VES20170831_D_1
Generator EPA ID: CAR000128793
Shipment Date: 2017-08-31
Manifest Number: 001234224VES
Line Number: 1
Method Code: H040
Quantity Tons: 0.00150
Quantity Waste: 3.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 001234224VES20170831_D_1

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-31
Manifest Number:	001234224VES
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	001234224VES20170831_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-31
Manifest Number:	001234224VES
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00150
Quantity Waste:	3.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	115539
Shipment Date:	8/28/2018
Receipt Date:	9/12/2018
Manifest Number:	008768816FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Mailstop 109/Room 523
City:	SAN JOSE
Zip:	95119
Telephone:	800-483-3718
Contact:	HGST Security
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	MAD039322250
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	Clean Harbors Buttonwillow LLC
TSDF Address 1:	PO Box 787
TSDF Address 2:	Not reported
TSDF City:	Buttonwillow
TSDF Zip:	93206
TSDF Telephone:	800-483-3718

State:

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	115539
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-28
Manifest Number:	008768816FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	7.12600
Quantity Waste:	14252.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	151

Year:	2018
EM Manifest ID:	198638
Shipment Date:	8/24/2018
Receipt Date:	9/24/2018
Manifest Number:	008768819FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY B109/RM 523
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	877-577-2669
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095039998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D007

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D008

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D011

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.26200
Quantity Waste:	524.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.26200
Quantity Waste:	524.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit: P
Number of Containers: 7
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D008

Year: 2018
EM Manifest ID: 198638
Generator EPA ID: CAR000128793
Shipment Date: 2018-08-24
Manifest Number: 008768819FLE
Line Number: 3
Method Code: H141
Quantity Tons: 1.54250
Quantity Waste: 3085.000000
Quantity Unit: P
Number of Containers: 7
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D011

Year: 2018
EM Manifest ID: 198638
Generator EPA ID: CAR000128793
Shipment Date: 2018-08-24
Manifest Number: 008768819FLE
Line Number: 4
Method Code: H071
Quantity Tons: 0.47450
Quantity Waste: 949.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2018
EM Manifest ID: 198638
Generator EPA ID: CAR000128793
Shipment Date: 2018-08-24
Manifest Number: 008768819FLE
Line Number: 4
Method Code: H071
Quantity Tons: 0.47450
Quantity Waste: 949.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2018
EM Manifest ID: 198638
Generator EPA ID: CAR000128793
Shipment Date: 2018-08-24
Manifest Number: 008768819FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
State Code:	726
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	2.10400
Quantity Waste:	4208.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	2
Method Code:	H121
Quantity Tons:	0.26200
Quantity Waste:	524.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	726
Year:	2018
EM Manifest ID:	198638

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	1.54250
Quantity Waste:	3085.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	4
Method Code:	H071
Quantity Tons:	0.47450
Quantity Waste:	949.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2018
EM Manifest ID:	198638
Generator EPA ID:	CAR000128793
Shipment Date:	2018-08-24
Manifest Number:	008768819FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.23800
Quantity Waste:	476.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	181

Year:	2018
EM Manifest ID:	008768687FLE20170814_D_1
Shipment Date:	8/14/2017
Receipt Date:	8/24/2017
Manifest Number:	008768687FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Contact Telephone:	Not reported
Transporter 1 EPA ID:	CAD982523433
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD980675276
TSDF Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	008768687FLE20170814_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-14
Manifest Number:	008768687FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	18.75250
Quantity Waste:	37505.000000
Quantity Unit:	P
Number of Containers:	27
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008

State:

Year:	2018
EM Manifest ID:	008768687FLE20170814_D_1
Generator EPA ID:	CAR000128793
Shipment Date:	2017-08-14
Manifest Number:	008768687FLE
Line Number:	1
Method Code:	H132
Quantity Tons:	18.75250
Quantity Waste:	37505.000000
Quantity Unit:	P
Number of Containers:	27
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181

Year:	2018
EM Manifest ID:	64541
Shipment Date:	7/5/2018
Receipt Date:	7/11/2018
Manifest Number:	000941528VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	107 SOUTH MOTOR AVENUE
TSDF Address 2:	Not reported
TSDF City:	IRWINDALE
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
Federal Code:	F003
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F005
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	F003
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D004
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	6

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H141
Quantity Tons:	0.73000
Quantity Waste:	1460.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.10300
Quantity Waste:	206.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

State:

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.45000
Quantity Waste:	900.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	6
Method Code:	H141
Quantity Tons:	0.73000
Quantity Waste:	1460.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	7
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
State Code:	791
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	8
Method Code:	H141
Quantity Tons:	0.01500
Quantity Waste:	30.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	9
Method Code:	H141
Quantity Tons:	0.20500
Quantity Waste:	410.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	10
Method Code:	H141
Quantity Tons:	0.10300
Quantity Waste:	206.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792
Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	11
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	64541
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-05
Manifest Number:	000941528VES
Line Number:	12
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	100091
Shipment Date:	7/27/2018
Receipt Date:	8/1/2018
Manifest Number:	001414472VES
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY
Address 2:	MAIL STOP B050
City:	SAN JOSE
Zip:	95119
Telephone:	877-818-0087
Contact:	Not reported
Contact Telephone:	408-717-6255
Transporter 1 EPA ID:	NJD080631369
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095038998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008302903
TSDF Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Address 1:	107 SOUTH MOTOR AVENUE
TSDF Address 2:	Not reported
TSDF City:	IRWINDALE
TSDF Zip:	91702
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U220
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D022
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	3

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U044
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003
Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	100091

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	3
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	100091
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-27
Manifest Number:	001414472VES
Line Number:	5
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2018
EM Manifest ID:	94113
Shipment Date:	7/20/2018
Receipt Date:	8/6/2018
Manifest Number:	008768799FLE
Generator EPA ID:	CAR000128793
Name:	HGST INC
Address:	5601 GREAT OAKS PARKWAY B109/RM 523
Address 2:	Not reported
City:	SAN JOSE
Zip:	95119
Telephone:	877-577-2669
Contact:	Not reported
Contact Telephone:	775-575-2760
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MOD095039998
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21st Century Environmental Management of Nevada, LLC
TSDF Address 1:	2095 Newlands Drive East
TSDF Address 2:	Not reported
TSDF City:	Fernley
TSDF Zip:	89408
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	1
Method Code:	H071
Quantity Tons:	0.94850
Quantity Waste:	1897.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	1
Method Code:	H071
Quantity Tons:	0.94850
Quantity Waste:	1897.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	2
Method Code:	H071
Quantity Tons:	0.91900
Quantity Waste:	1838.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D002
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D007
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D008
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	2.32100
Quantity Waste:	4642.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Portable tanks
Quantity Type:	Pounds
Federal Code:	D011
Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	6

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Method Code:	H121
Quantity Tons:	0.23750
Quantity Waste:	475.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	6
Method Code:	H121
Quantity Tons:	0.23750
Quantity Waste:	475.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

State:

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	4
Method Code:	H121
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2018
EM Manifest ID:	94113
Generator EPA ID:	CAR000128793
Shipment Date:	2018-07-20
Manifest Number:	008768799FLE
Line Number:	7
Method Code:	H141
Quantity Tons:	0.27800
Quantity Waste:	556.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Info:

Year:	2017
Gen EPA ID:	CAR000128793
Shipment Date:	20171225
Creation Date:	10/27/2018 18:30:13
Receipt Date:	20180102
Manifest ID:	008768744FLE
Trans EPA ID:	ARR000016055
Trans Name:	SINDLE TRUCKING LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ILD005450697
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF CHICAGO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	17.5752
Waste Quantity:	4882
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.165
Waste Quantity:	330
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0575
Waste Quantity:	115
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001237118VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000128793
Shipment Date:	20151221
Creation Date:	2/9/2016 22:15:50
Receipt Date:	20151222
Manifest ID:	008768515FLE
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	D006
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	4.74129
Waste Quantity:	1137
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151218
Manifest ID:	008768514FLE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151216
Creation Date:	9/30/2016 18:31:57
Receipt Date:	20160104
Manifest ID:	008768510FLE
Trans EPA ID:	ALR000007237
Trans Name:	ACTION RESOURCES INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	ILD005450697
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF CHICAGO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.0684
Waste Quantity:	5019
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.34
Waste Quantity:	680
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D006
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.467
Waste Quantity:	934
Quantity Unit:	P
Additional Code 1:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2165
Waste Quantity:	433
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151211
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0815
Waste Quantity:	163
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0155
Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000128793

Shipment Date:	20151221
Creation Date:	2/9/2016 22:15:50
Receipt Date:	20151222
Manifest ID:	008768515FLE
Trans EPA ID:	CAT000624247

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	D006
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	4.74129
Waste Quantity:	1137
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151218
Manifest ID:	008768514FLE
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151216
Creation Date:	9/30/2016 18:31:57
Receipt Date:	20160104
Manifest ID:	008768510FLE
Trans EPA ID:	ALR000007237
Trans Name:	ACTION RESOURCES INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	ILD005450697
Trans Name:	CLEAN HARBORS RECYCLING SERVICES OF CHICAGO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.0684
Waste Quantity:	5019
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0895
Waste Quantity:	179
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.079
Waste Quantity:	158
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.017
Waste Quantity:	34
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1715
Waste Quantity:	343
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Manifest ID:	000938194VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0385
Waste Quantity:	77
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151216
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.74
Waste Quantity:	1480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000938195VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.013
Waste Quantity: 26
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000128793

Shipment Date: 20141229
Creation Date: 11/17/2015 22:15:24
Receipt Date: 20150105
Manifest ID: 000481939JJK
Trans EPA ID: WID981193998
Trans Name: SCHNIEDER NATIONAL BULK CARRIERS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NCS000000545
Trans Name: EDEN CUSTOM PROCESSING LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: H020 - Solvents Recovery
Quantity Tons: 18.7524
Waste Quantity: 5209
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141223
Creation Date: 6/25/2015 22:16:11
Receipt Date: 20141230
Manifest ID: 000481938JJK
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 726 - Liquids with nickel > 134 mg/l
RCRA Code: D008

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	5.1975
Waste Quantity:	10395
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	3.1015
Waste Quantity:	6203
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H070 - Not reported
Quantity Tons:	1.152
Waste Quantity:	2304
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.463
Waste Quantity:	926
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D007
Meth Code:	H121 - Neutralization Only
Quantity Tons:	1.623
Waste Quantity:	3246
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.49
Waste Quantity:	980
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141230
Manifest ID:	000481938JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D008
Meth Code:	H121 - Neutralization Only
Quantity Tons:	5.3955
Waste Quantity:	10791
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141218
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141218
Manifest ID:	000481936JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141215
Creation Date:	3/6/2015 22:15:05
Receipt Date:	20141217
Manifest ID:	000743588VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0715
Waste Quantity:	143
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000128793
Shipment Date:	20131216
Creation Date:	5/14/2014 22:15:01
Receipt Date:	20131223
Manifest ID:	000481876JJK
Trans EPA ID:	WID981193998
Trans Name:	SCHNEIDER NATIONAL BULK CARRIERS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NCS000000545
Trans Name:	EDEN CUSTOM PROCESSING LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	18.2808
Waste Quantity:	5078
Quantity Unit:	G
Additional Code 1:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	136
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.117
Waste Quantity:	234
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0815
Waste Quantity:	163
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131205
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131210
Manifest ID:	000778762VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131205
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131210
Manifest ID:	000778762VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131210
Manifest ID:	000778762VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Tons:	0.0935
Waste Quantity:	187
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	1/29/2014 22:15:06
Receipt Date:	20131211
Manifest ID:	000778761VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0965
Waste Quantity:	193
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131205
Creation Date:	6/9/2014 22:15:12
Receipt Date:	20140107
Manifest ID:	000481874JJK
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0000337360
Trans Name:	VEOLIA TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42537
Waste Quantity:	386
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000128793

Shipment Date: 20121219
Creation Date: 4/21/2013 22:15:04
Receipt Date: 20121226
Manifest ID: 000481814JJK
Trans EPA ID: WID981193998
Trans Name: SCHNIEDER NATIONAL BULK CARRIERS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NCS000000545
Trans Name: EDEN CUSTOM PROCESSING LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 18.0216
Waste Quantity: 5006
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121218
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000481813JJK
Trans EPA ID: CAR000177527
Trans Name: PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.4985
Waste Quantity: 2997
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121218
Creation Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5045
Waste Quantity:	1009
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	1.058
Waste Quantity:	2116
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0385
Waste Quantity:	77
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.1865
Waste Quantity:	2373
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.487
Waste Quantity:	974
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Shipment Date:	20121218
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121219
Manifest ID:	000481813JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.54
Waste Quantity:	5080
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	184302
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 43I017624
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2002
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5601 Great Oaks Pkwy
Discharge Name:	Western Digital Technologies Inc
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	184302
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/18/2002
Status:	Active
Status Date:	11/18/2002
Place Size:	160
Place Size Unit:	Acres
Contact:	Denise LLoyd
Contact Title:	Sr. EHS Manager
Contact Phone:	408-717-6196
Contact Phone Ext:	Not reported
Contact Email:	denise.lloyd@wdc.com
Operator Name:	HGST Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Operator Contact:	Elizabeth Zimmermann
Operator Contact Title:	Not reported
Operator Contact Phone:	408-717-8168
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	elizabeth.zimmermann@hgst.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-717-6255
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Canoas Creek
Certifier:	Elizabeth Zimmermann
Certifier Title:	Director, Global EHS
Certification Date:	26-MAY-15
Primary Sic:	3572-Computer Storage Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	184302
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	HGST Inc
Discharge Address:	5601 Great Oaks Pkwy
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43I017624
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/18/2002
Operator Name:	Western Digital Technologies Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	184302
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/18/2002
Status:	Active
Status Date:	11/18/2002
Place Size:	160
Place Size Unit:	Acres
Contact:	Denise LLoyd
Contact Title:	Sr. EHS Manager
Contact Phone:	408-717-6196
Contact Phone Ext:	Not reported
Contact Email:	denise.lloyd@wdc.com
Operator Name:	HGST Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Operator Contact:	Elizabeth Zimmermann
Operator Contact Title:	Not reported
Operator Contact Phone:	408-717-8168
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	elizabeth.zimmermann@hgst.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-717-6255
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Canoas Creek
Certifier:	Elizabeth Zimmermann
Certifier Title:	Director, Global EHS
Certification Date:	26-MAY-15
Primary Sic:	3572-Computer Storage Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	184302
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I017624
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	HGST Inc
Discharge Address:	5601 Great Oaks Pkwy
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Agency:	Western Digital Technologies Inc
Agency Address:	5601 Great Oaks Pkwy, San Jose, CA 95119

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **S123079495**

Place/Project Type:	Industrial - Computer Storage Devices
SIC/NAICS:	3572
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I017624
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/18/2002
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.25084
Longitude:	-121.79569

CERS:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	533707
CERS ID:	231754
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Western Digital Technologies INC
Entity Title:	Operator
Affiliation Address:	5601 Great Oaks Pkwy
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

M67
NNE
1/2-1
0.586 mi.
3092 ft.

Relative:
Higher

Actual:
196 ft.

IBM CORPORATION
5601 GREAT OAKS PKWY
SAN JOSE, CA 95119

Site 2 of 4 in cluster M

SEMS **1000109345**
CORRACTS **CAD990843989**
RCRA-TSDF
RCRA-SQG
HIST UST
CHMIRS
US FIN ASSUR
2020 COR ACTION
ROD
PRP
PADS
FINDS
ECHO
HWTS
HAZNET

SEMS:

Site ID:	0902622
EPA ID:	CAD990843989
Name:	IBM CORP. (SAN JOSE PLANT)
Address:	5600 COTTLE RD
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95193
Cong District:	15
FIPS Code:	06085
Latitude:	37.251111
Longitude:	-121.803333
FF:	N
NPL:	Removed from Proposed NPL
Non NPL Status:	Not reported

SEMS Detail:

Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-10-15 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	01
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1988-12-15 05:00:00
Finish Date:	Not reported
Qual:	E

IBM CORPORATION (Continued) **1000109345**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: NR
Action Name: REM PROP
SEQ: 1
Start Date: Not reported
Finish Date: 1989-10-04 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 2
Start Date: 1983-10-01 04:00:00
Finish Date: 1984-04-01 06:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: Not reported
Finish Date: 1983-10-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1

IBM CORPORATION (Continued) **1000109345**

Start Date: Not reported
Finish Date: 1991-10-11 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-04-01 06:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: Not reported
Finish Date: 1988-12-15 05:00:00
Qual: R
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-06-21 04:00:00
Finish Date: 1990-06-21 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902622
EPA ID: CAD990843989
Site Name: IBM CORP. (SAN JOSE PLANT)
NPL: R
FF: N
OU: 01

IBM CORPORATION (Continued) **1000109345**

Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-09-15 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	01
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	1980-11-01 05:00:00
Finish Date:	1988-12-15 05:00:00
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902622
EPA ID:	CAD990843989
Site Name:	IBM CORP. (SAN JOSE PLANT)
NPL:	R
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-08-01 04:00:00
Finish Date:	1980-08-01 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

CORRACTS:

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Address 2:	GRS
EPA ID:	CAD990843989
Area Name:	ENTIRE FACILITY
Corrective Action:	RFA COMPLETED
Actual Date:	19920228
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported
Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Address 2:	GRS
EPA ID:	CAD990843989
Area Name:	ENTIRE FACILITY

IBM CORPORATION (Continued) **1000109345**

Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Actual Date: 19920228
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 19851231
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 19881019
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: CMS COMPLETE
Actual Date: 19881019
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: CMI WORKPLAN APPROVED
Actual Date: 19881019
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY

IBM CORPORATION (Continued) **1000109345**

Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date: 19940725
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION and TREATMENT
Actual Date: 19810101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Actual Date: 20001101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20020723
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
Address 2: GRS
EPA ID: CAD990843989
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20001228
Air Release Indicator: Not reported

IBM CORPORATION (Continued) **1000109345**

Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Click this hyperlink while viewing on your computer to access
6 additional CORRACTS: record(s) in the EDR Site Report.

RCRA TSDF:

Treatment Storage and Disposal Type:	Storage, Treatment
Full Enforcement Universe:	Not reported
Corrective Action Workload Universe:	Yes
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
Operating TSDF Universe:	Not reported
Commercial TSD Indicator:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

RCRA Listings:

Date Form Received by Agency:	20100201
Handler Name:	Ibm Corporation
Handler Address:	5601 GREAT OAKS PKWY
Handler City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
Contact Name:	DEAN W CHARTRAND
Contact Address:	8976 WELLINGTON RD
Contact City,State,Zip:	MANASSAS, VA 20109-3925
Contact Telephone:	703-257-2583
Contact Fax:	Not reported
Contact Email:	CHARTD@US.IBM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	8976 WELLINGTON RD
Mailing City,State,Zip:	MANASSAS, VA 20109-3925

IBM CORPORATION (Continued) **1000109345**

Owner Name:	Hitachi Global Storage Tech Inc
Owner Type:	Private
Operator Name:	Ibm Corp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20100205
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

IBM CORPORATION (Continued) **1000109345**

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D018
Waste Description: Benzene

Waste Code: D019
Waste Description: Carbon Tetrachloride

Waste Code: D021
Waste Description: Chlorobenzene

Waste Code: D022
Waste Description: Chloroform

Waste Code: D023
Waste Description: O-Cresol

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D025
Waste Description: P-Cresol

Waste Code: D026
Waste Description: Cresol

IBM CORPORATION (Continued) **1000109345**

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D028
Waste Description: 1,2-Dichloroethane

Waste Code: D029
Waste Description: 1,1-Dichloroethylene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D038
Waste Description: Pyridine

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichlorethylene

Waste Code: D042
Waste Description: 2,4,6-Trichlorophenol

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

IBM CORPORATION (Continued) **1000109345**

Waste Code:	F005
Waste Description:	The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F006
Waste Description:	Wastewater Treatment Sludges From Electroplating Operations, Except From The Following Processes: (1) Sulfuric Acid Anodizing Of Aluminum; (2) Tin Plating On Carbon Steel; (3) Zinc Plating (Segregated Basis) On Carbon Steel; (4) Aluminum Or Zinc-Aluminum Plating On Carbon Steel; (5) Cleaning/Stripping Associated With Tin, Zinc, And Aluminum Plating On Carbon Steel; And (6) Chemical Etching And Milling Of Aluminum.
Waste Code:	P030
Waste Description:	Cyanides (Soluble Cyanide Salts), Not Otherwise Specified
Waste Code:	P113
Waste Description:	Thallic Oxide (Or) Thallium Oxide Tl2o3
Waste Code:	P120
Waste Description:	Vanadium Oxide V2o5 (Or) Vanadium Pentoxide
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U003
Waste Description:	Acetonitrile (I,T)
Waste Code:	U031
Waste Description:	1-Butanol (I) (Or) N-Butyl Alcohol (I)
Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U037
Waste Description:	Benzene, Chloro- (Or) Chlorobenzene
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U080
Waste Description:	Methane, Dichloro- (Or) Methylene Chloride
Waste Code:	U112
Waste Description:	Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)
Waste Code:	U123
Waste Description:	Formic Acid (C,T)
Waste Code:	U134
Waste Description:	Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)

IBM CORPORATION (Continued) **1000109345**

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U159
Waste Description: 2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)

Waste Code: U161
Waste Description: 4-Methyl-2-Pentanone (I) (Or) Methyl Isobutyl Ketone (I) (Or) Pentanol, 4-Methyl-

Waste Code: U194
Waste Description: 1-Propanamine (I,T) (Or) N-Propylamine (I,T)

Waste Code: U196
Waste Description: Pyridine

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Waste Code: U202
Waste Description: 1,2-Benzisothiazol-3(2h)-One, 1,1-Dioxide, & Salts (Or) Saccharin, & Salts

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP.
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

IBM CORPORATION (Continued) **1000109345**

Owner/Operator Indicator: Operator
Owner/Operator Name: IBM CORP
Legal Status: Private
Date Became Current: 19901001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD M/S PFX/123
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: I B M CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 NEW ORCHARD RD
Owner/Operator City,State,Zip: ARMONK, NY 10504
Owner/Operator Telephone: 914-766-2729
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECH INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

IBM CORPORATION (Continued) **1000109345**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP.
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECH INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: IBM CORP
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERNATIONAL BUSINESS MACHINES CORP
Legal Status: Private
Date Became Current: 19560101
Date Ended Current: Not reported
Owner/Operator Address: Not reported

IBM CORPORATION (Continued) **1000109345**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030101
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD M/S PFX/123
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040223
Handler Name: INTERNATIONAL BUSINESS MACHINES CORP.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010319
Handler Name: I B M CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030130
Handler Name: INTERNATIONAL BUSINESS MACHINES CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

IBM CORPORATION (Continued) **1000109345**

Receive Date: 20030527
Handler Name: INTERNATIONAL BUSINESS MACHINES CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20091103
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100201
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920227
Handler Name: INTERNATIONAL BUSINESS MACHINE MAIN SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: IBM CORPORATION STORAGE SYS DIV
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

IBM CORPORATION (Continued) **1000109345**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960319
Handler Name: IBM CORP STORAGE SYSTEMS DIVISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990316
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020228
Handler Name: IBM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

IBM CORPORATION (Continued) **1000109345**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040223
Handler Name: INTERNATIONAL BUSINESS MACHINES CORP.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334112
NAICS Description: COMPUTER STORAGE DEVICE MANUFACTURING

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19890727
Actual Return to Compliance Date: 19910305
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19900130
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930728
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930212
Enforcement Identifier: 004
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19970927
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990909
Actual Return to Compliance Date: 19991213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 19991215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19890727
Actual Return to Compliance Date:	19910305
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19890908
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19890727
Actual Return to Compliance Date: 19910305
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19900130
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19970927
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960717
Actual Return to Compliance Date:	19960816
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	203
Date of Enforcement Action:	19960717
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19920415
Actual Return to Compliance Date:	19921023
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	19940804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19890727
Actual Return to Compliance Date: 19910305
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19890908
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940803
Actual Return to Compliance Date: 19940803
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19941216
Enforcement Identifier: 005
Date of Enforcement Action: 19940804
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 19890727
Actual Return to Compliance Date: 19910305
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19900130
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19990909
Actual Return to Compliance Date: 19991213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19991213
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930728
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930212
Enforcement Identifier: 004
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19960816
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 19960902
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19910305
Actual Return to Compliance Date: 19910305
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19910812
Enforcement Identifier: 003
Date of Enforcement Action: 19910712
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930728
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930212
Enforcement Identifier: 004
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19960816
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 19960902
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19970927
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 19960717
Actual Return to Compliance Date: 19960816
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 203
Date of Enforcement Action: 19960717
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970930
Actual Return to Compliance Date:	19971030
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19970930
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

IBM CORPORATION (Continued) **1000109345**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19910625
Actual Return to Compliance Date:	19921023
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	19940804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

IBM CORPORATION (Continued) **1000109345**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19890727
Actual Return to Compliance Date: 19910305
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19890908
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19890727
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

IBM CORPORATION (Continued) **1000109345**

Evaluation Date:	19920930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930728
Scheduled Compliance Date:	19930212
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960716
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970927
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070419
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020214
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990909
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

IBM CORPORATION (Continued) **1000109345**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960716
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970927
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

IBM CORPORATION (Continued) **1000109345**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030918
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180322
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880113
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960717
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19960816
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880111
Evaluation Responsible Agency: State

IBM CORPORATION (Continued) **1000109345**

Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920415
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921023
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940803
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940803
Scheduled Compliance Date:	19941216
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305

IBM CORPORATION (Continued) **1000109345**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990909
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19991213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880113
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890710
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930728
Scheduled Compliance Date:	19930212
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

IBM CORPORATION (Continued) **1000109345**

Evaluation Date:	19960717
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19960816
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20041217
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910305
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305
Scheduled Compliance Date:	19910812
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930728
Scheduled Compliance Date:	19930212
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010424
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

IBM CORPORATION (Continued) **1000109345**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880729
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960717
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19960816
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030925
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010523
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

IBM CORPORATION (Continued) **1000109345**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960716
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970927
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20020225
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960717
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19960816
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19921023
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19970929
Evaluation Responsible Agency: State

IBM CORPORATION (Continued) **1000109345**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19971030
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860128
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940804
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910625
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921023
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890727
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910305

IBM CORPORATION (Continued) **1000109345**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

IBM CORPORATION (Continued) **1000109345**

HIST UST:

Name:	IBM CORPORATION
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000003400
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	Not reported
Telephone:	4082565864
Owner Name:	IBM CORPORATION
Owner Address:	5600 COTTLE ROAD
Owner City,St,Zip:	SAN JOSE, CA 95193
Total Tanks:	0186
Tank Num:	001
Container Num:	FT-27
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	002
Container Num:	FT-28
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well
Tank Num:	003
Container Num:	FT-30
Year Installed:	Not reported
Tank Capacity:	00001500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument
Tank Num:	004
Container Num:	BW1-T1
Year Installed:	Not reported
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	005
Container Num:	BW4-T4
Year Installed:	Not reported
Tank Capacity:	00000225

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 10
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 006
Container Num: BW4-T5
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 007
Container Num: BW4-T6A
Year Installed: Not reported
Tank Capacity: 00000100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 008
Container Num: BW4-T6B
Year Installed: Not reported
Tank Capacity: 00000100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 009
Container Num: BW4-T9
Year Installed: Not reported
Tank Capacity: 00000225
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument, Groundwater Monitoring Well

Tank Num: 010
Container Num: W1
Year Installed: 1977
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 011
Container Num: W2
Year Installed: 1977
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	012
Container Num:	W3-T1
Year Installed:	1973
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	013
Container Num:	W3-T2
Year Installed:	1973
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	014
Container Num:	W3-T3
Year Installed:	1973
Tank Capacity:	00000050
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	015
Container Num:	W4
Year Installed:	1973
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	10
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	016
Container Num:	W5-T1
Year Installed:	1984
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	017
Container Num:	W5-T2
Year Installed:	1984
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	018

IBM CORPORATION (Continued) **1000109345**

Container Num: W6
Year Installed: 1977
Tank Capacity: 00000440
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 019
Container Num: W7
Year Installed: 1977
Tank Capacity: 00000440
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 020
Container Num: W8-T11
Year Installed: 1977
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 021
Container Num: W8-T12
Year Installed: 1977
Tank Capacity: 00002500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 022
Container Num: W8-T15
Year Installed: 1977
Tank Capacity: 00002500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 023
Container Num: W8-T16
Year Installed: 1977
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 024
Container Num: W8-T17
Year Installed: 1977
Tank Capacity: 00006000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 025
Container Num: W9
Year Installed: 1977
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 026
Container Num: W12-T2
Year Installed: 1983
Tank Capacity: 00006000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Vapor Sniff Well, Groundwater Monitoring Well

Tank Num: 027
Container Num: W12-T5
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 028
Container Num: W12-T6
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 029
Container Num: W12-T15
Year Installed: 1983
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 030
Container Num: CS17-T8
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	031
Container Num:	CS17-T9
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	032
Container Num:	CS17-T10
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	033
Container Num:	CS17-T11
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	034
Container Num:	CS17-T12
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	035
Container Num:	CS17-T13
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	036
Container Num:	CS17-T14
Year Installed:	1982
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	037

IBM CORPORATION (Continued) **1000109345**

Container Num: CS17-T15
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 038
Container Num: CS17-T16
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 039
Container Num: CS17-T17
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 040
Container Num: CS17-T18
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 041
Container Num: CS17-T19
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 042
Container Num: CS17-T20
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 043
Container Num: CS17-T21
Year Installed: 1982
Tank Capacity: 00007000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 044
Container Num: CS17-T22
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 045
Container Num: CS17-T23
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 046
Container Num: CS26089T1
Year Installed: 1981
Tank Capacity: 00001000
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 047
Container Num: FT-1
Year Installed: 1968
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 048
Container Num: FT-3A
Year Installed: 1980
Tank Capacity: 00500000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 049
Container Num: FT-3B
Year Installed: 1980
Tank Capacity: 00500000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 050
Container Num: FT-6
Year Installed: 1976
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 051
Container Num: FT-8
Year Installed: 1968
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 052
Container Num: FT-9
Year Installed: 1981
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 12
Leak Detection: Groundwater Monitoring Well

Tank Num: 053
Container Num: FT-10
Year Installed: 1968
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 054
Container Num: FT-11
Year Installed: 1968
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 055
Container Num: FT-12
Year Installed: 1968
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 056

IBM CORPORATION (Continued) **1000109345**

Container Num:	FT-13
Year Installed:	1968
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Groundwater Monitoring Well

Tank Num:	057
Container Num:	FT-14
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	058
Container Num:	FT-15
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	059
Container Num:	FT-16
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	060
Container Num:	FT-17
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	061
Container Num:	FT-18
Year Installed:	1968
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	062
Container Num:	FT-19A
Year Installed:	1979
Tank Capacity:	00001500

IBM CORPORATION (Continued) **1000109345**

Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 063
Container Num: FT-19B
Year Installed: 1979
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 064
Container Num: FT-20
Year Installed: 1981
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 065
Container Num: FT-24
Year Installed: 1968
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 066
Container Num: FT-26
Year Installed: 1979
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 067
Container Num: BW18-1
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 068
Container Num: BW18-2
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	069
Container Num:	BW18-T102
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	070
Container Num:	BW18-T103
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	071
Container Num:	BW18-T106
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	072
Container Num:	W12-T18
Year Installed:	1983
Tank Capacity:	00001200
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	073
Container Num:	W12-T19
Year Installed:	1983
Tank Capacity:	00001200
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	074
Container Num:	W12-T20
Year Installed:	1983
Tank Capacity:	00001200
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	075

IBM CORPORATION (Continued) **1000109345**

Container Num: W12-T21
Year Installed: 1983
Tank Capacity: 00001200
Tank Used for: Not reported
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 076
Container Num: W13-T1
Year Installed: 1981
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 077
Container Num: W13-T2
Year Installed: 1981
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 078
Container Num: W14-T1
Year Installed: 1981
Tank Capacity: 00006500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 079
Container Num: W15-P1
Year Installed: 1976
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 080
Container Num: W18-T1
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 081
Container Num: W18-T2
Year Installed: 1980
Tank Capacity: 00000800

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 082
Container Num: W18-T3
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 083
Container Num: W18-T4
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 084
Container Num: W18-T5
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 085
Container Num: W18-T6
Year Installed: 1980
Tank Capacity: 00000800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 18
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 086
Container Num: W19
Year Installed: 1976
Tank Capacity: 00030000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 12
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 087
Container Num: W20-T1
Year Installed: 1981
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	088
Container Num:	W21-T1
Year Installed:	1982
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Groundwater Monitoring Well
Tank Num:	089
Container Num:	W22-T1
Year Installed:	1983
Tank Capacity:	00001900
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	090
Container Num:	W25-T101
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	091
Container Num:	W25-T101
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	092
Container Num:	W25-T102
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	093
Container Num:	W25-T103
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	18
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	094

IBM CORPORATION (Continued) **1000109345**

Container Num:	W25-T104
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	095
Container Num:	W25-T105
Year Installed:	1979
Tank Capacity:	00009000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	096
Container Num:	W25-T106
Year Installed:	1979
Tank Capacity:	00006000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	Sensor Instrument, Groundwater Monitoring Well

Tank Num:	097
Container Num:	W26-T1
Year Installed:	1982
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	098
Container Num:	W26-T2
Year Installed:	1982
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	099
Container Num:	W26-T3
Year Installed:	1982
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num:	100
Container Num:	W26-T9
Year Installed:	1982
Tank Capacity:	00000550

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 101
Container Num: W26-T11
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 102
Container Num: W26-T18
Year Installed: 1982
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 103
Container Num: W26-T19
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 104
Container Num: W26-T20
Year Installed: 1982
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 105
Container Num: W27-T1
Year Installed: 1980
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 106
Container Num: W27-T2
Year Installed: 1980
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	107
Container Num:	W27-T3
Year Installed:	1980
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	108
Container Num:	W27-T4
Year Installed:	1980
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	109
Container Num:	W28-T1
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	110
Container Num:	W28-T2
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	111
Container Num:	W67-T5
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	112
Container Num:	W67-T6
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	113

IBM CORPORATION (Continued) **1000109345**

Container Num:	W67-T7
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	114
Container Num:	W67-T8
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	115
Container Num:	W67-T9
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	116
Container Num:	W67-T60
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	117
Container Num:	W67-T61
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	118
Container Num:	W67-T62
Year Installed:	1984
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	119
Container Num:	W67-T63
Year Installed:	1984
Tank Capacity:	00001000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 120
Container Num: W67-T64
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 121
Container Num: W67-T65
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 122
Container Num: W67-T66
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 123
Container Num: W67-T67
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 124
Container Num: W67-T68
Year Installed: 1984
Tank Capacity: 00002700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 125
Container Num: BW18-T107
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	126
Container Num:	BW18-T108
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	127
Container Num:	BW18-T113
Year Installed:	1983
Tank Capacity:	00000050
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	128
Container Num:	BW20-T1
Year Installed:	1979
Tank Capacity:	00019500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	129
Container Num:	BW20-T2
Year Installed:	1979
Tank Capacity:	00500000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	130
Container Num:	BW20-T3
Year Installed:	1979
Tank Capacity:	00003300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	131
Container Num:	BW20-T4
Year Installed:	1979
Tank Capacity:	00125000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	.30
Leak Detection:	Visual, Sensor Instrument, Groundwater Monitoring Well
Tank Num:	132

IBM CORPORATION (Continued) **1000109345**

Container Num: BW20-T5
Year Installed: Not reported
Tank Capacity: 00000160
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 133
Container Num: BW20-T6
Year Installed: Not reported
Tank Capacity: 00007100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 134
Container Num: BW20-T7
Year Installed: Not reported
Tank Capacity: 00000850
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 135
Container Num: BW20-T8
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 136
Container Num: BW20-T9
Year Installed: Not reported
Tank Capacity: 00000750
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 137
Container Num: BW20
Year Installed: Not reported
Tank Capacity: 00011825
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 138
Container Num: BW22-T1
Year Installed: Not reported
Tank Capacity: 00003380

IBM CORPORATION (Continued) **1000109345**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 139
Container Num: BW22-T2
Year Installed: Not reported
Tank Capacity: 00003700
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 140
Container Num: BW22-T3
Year Installed: Not reported
Tank Capacity: 00016900
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 141
Container Num: BW22-T4
Year Installed: Not reported
Tank Capacity: 00016900
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 142
Container Num: BW22-T5
Year Installed: Not reported
Tank Capacity: 00000270
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 143
Container Num: BW22-T7
Year Installed: Not reported
Tank Capacity: 00000180
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 144
Container Num: BW22-T8
Year Installed: Not reported
Tank Capacity: 00000070
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported

IBM CORPORATION (Continued) **1000109345**

Leak Detection: Visual, Sensor Instrument

Tank Num: 145
Container Num: BW22-T9
Year Installed: Not reported
Tank Capacity: 00000425
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 146
Container Num: BW22-T10
Year Installed: Not reported
Tank Capacity: 00000110
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 147
Container Num: BW22-T11
Year Installed: Not reported
Tank Capacity: 00000110
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 148
Container Num: BW22-T12
Year Installed: Not reported
Tank Capacity: 00000110
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 149
Container Num: BW22-T13
Year Installed: Not reported
Tank Capacity: 00000240
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 150
Container Num: BW23-73
Year Installed: 1983
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 151

IBM CORPORATION (Continued) **1000109345**

Container Num: BW23-T4
Year Installed: 1983
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 152
Container Num: BW23-T5
Year Installed: 1983
Tank Capacity: 01000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 153
Container Num: BW23-T6
Year Installed: 1983
Tank Capacity: 01000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .30
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 154
Container Num: STLPS4-FT1
Year Installed: Not reported
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 155
Container Num: STLPS4FT2
Year Installed: Not reported
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument

Tank Num: 156
Container Num: LGPS1FT1A
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 157
Container Num: LPPS1FT1B
Year Installed: Not reported
Tank Capacity: 00010000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 158
Container Num: CS9-T1
Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 159
Container Num: CS13-T1
Year Installed: 1981
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 160
Container Num: LS16TFA12
Year Installed: 1977
Tank Capacity: 00005500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 161
Container Num: CS16TFAT3
Year Installed: 1977
Tank Capacity: 00009200
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 162
Container Num: CS16TFAT4
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 163
Container Num: CS16TFAT5
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8

IBM CORPORATION (Continued) **1000109345**

Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 164
Container Num: CS16TFAT6
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 165
Container Num: CS16TFAT7
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: Not reported
Type of Fuel: REGULAR
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 166
Container Num: CS16TFAT8
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 167
Container Num: CS16TFAT9
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 168
Container Num: CS16TFAT10
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 169
Container Num: CS16TFAT11
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 170

IBM CORPORATION (Continued) **1000109345**

Container Num: CS16TFAT12
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 171
Container Num: CS16TFAT13
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 172
Container Num: CS16TFAT14
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 173
Container Num: CS16TFAT15
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 174
Container Num: CS16TFAT16
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 175
Container Num: CS16TFAT17
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 176
Container Num: CS16TFAT18
Year Installed: 1977
Tank Capacity: 00006000

IBM CORPORATION (Continued) **1000109345**

Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 177
Container Num: CS16TFAT19
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 178
Container Num: CS16TFAT20
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 179
Container Num: CS16TFAT21
Year Installed: 1977
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 180
Container Num: CS17TFBT2
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 181
Container Num: CS17TFBT3
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 182
Container Num: CS17TFBT4
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4

IBM CORPORATION (Continued) **1000109345**

Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 183
Container Num: CS17TFBT5
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 184
Container Num: CS17TFBT6
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 185
Container Num: CS17TFBT7
Year Installed: 1982
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual, Sensor Instrument, Groundwater Monitoring Well

Tank Num: 186
Container Num: BT-1
Year Installed: 1965
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: X
Leak Detection: None

CHMIRS:
Name: Not reported
Address: 5600 COTTLE RD
City,State,Zip: SAN JOSE, CA
OES Incident Number: 0958
OES notification: Not reported
OES Date: 11/17/1993
OES Time: 11:43:50 AM
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported

IBM CORPORATION (Continued) **1000109345**

Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	ibm
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	ibm san jose
Incident Date:	2359 17 nov 93
Admin Agency:	Not reported
Amount:	1 gal
Contained:	NO
Site Type:	IND PLT
E Date:	Not reported
Substance:	water containing isopropal alchol in minor concentration
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	loose hose connection into tank holding rinse water from abandoned lines, material soaked into soil
Name:	Not reported
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
OES Incident Number:	8-1706

IBM CORPORATION (Continued) **1000109345**

OES notification:	04/11/1998
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm drain
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1998
Agency:	IBM
Incident Date:	4/11/199812:00:00 AM
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Unknown dilute
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported

IBM CORPORATION (Continued) **1000109345**

#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Deluge system that is part of a scubber device overflowed, allowing it's contents to overflow. Primary content is water. Storm drain has been blocked off. Samples have been pulled and are undergoing analysis at this time.

US FIN ASSUR:

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY GRS
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
County:	Not reported
Mechanism type:	I
Mechanism Type Description:	INSURANCE
Cost estimate:	2000000
Face value:	2000000
Effective date:	2010-10-09 00:00:00
Provider:	ILLINOIS UNION INS. CO.
EPA region:	9

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY GRS
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
County:	Not reported
Mechanism type:	X
Mechanism Type Description:	STANDBY TRUST FUND
Cost estimate:	32453000
Face value:	0
Effective date:	2010-03-26 00:00:00
Provider:	WELLS FARGO BANK
EPA region:	9

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY GRS
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
County:	Not reported
Mechanism type:	L
Mechanism Type Description:	LETTER OF CREDIT
Cost estimate:	32453000
Face value:	22820000
Effective date:	2001-03-30 00:00:00
Provider:	INTESA SANPAOLO
EPA region:	9

2020 COR ACTION:

EPA ID:	CAD990843989
Region:	9

IBM CORPORATION (Continued) **1000109345**

Action: Remedy Construction

ROD:

Name:	IBM CORP. (SAN JOSE PLANT)
Address:	5600 COTTLE RD
City,State,Zip:	SAN JOSE, CA 95193
EPA ID:	CAD990843989
RG:	9
Site ID:	902622
Action:	GOVT ROD for PRP Remedy
Operable Unit Number:	OVERALL SITE
SEQ ID:	1
Action Completion:	1988-12-15 00:00:00
NPL Status:	Removed from Proposed NPL
Non NPL Status:	Not reported

PRP:

PRP Name:	IBM CORPORATION INTERNATIONAL BUSINESS MACHINES CORP

PADS:

Name:	IBM GENERAL PROD DIV
Address:	5600 COTTLE RD MS 843/121
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95193
EDR ID:	1000109345
EPAID:	CAD990843989
Region:	09
Generator:	Y
Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N
Mailing Address:	5600 COTTLE RD MS 843/121
Mailing Address 2:	Not reported
Mailing City:	SAN JOSE
Mailing State:	CA
Mailing Zip:	95193
Mailing Country:	US
Owner Name:	IBM CORPORATION
Certification Date:	03/27/1990
Contact Name:	BERNARD R ZABOSKI
Contact Title:	Not reported
Contact Telephone:	408-256-3572
Contact Text:	Not reported
Contact Email:	Not reported

FINDS:

Registry ID: 110064259298

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is

IBM CORPORATION (Continued) **1000109345**

used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000109345
Registry ID:	110064259298
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064259298
Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119

HWTS:

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAD990843989
Inactive Date:	Not reported
Create Date:	07/23/1982
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	8976 WELLINGTON RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MANASSAS, VA 201093925
Owner Name:	IBM CORPORATION
Owner Address:	1 NEW ORCHARD ROAD
Owner Address 2:	Not reported
Owner City,State,Zip:	ARMONK, NY 105040000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LARENE CAMERON
Contact Address:	8976 WELLINGTON RD

IBM CORPORATION (Continued) **1000109345**

Contact Address 2: Not reported
City,State,Zip: MANASSAS, VA 20109
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.231099
Longitude: -121.783325

NAICS:
EPA ID: CAD990843989
Create Date: 2002-03-14 16:36:27.000
NAICS Code: 334112
NAICS Description: Computer Storage Device Manufacturing
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 488119
NAICS Description: Other Airport Operations
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 56171
NAICS Description: Exterminating and Pest Control Services
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: IBM CORPORATION
Facility Address: 5601 GREAT OAKS PKWY
Facility Address 2: Not reported
Facility City: SAN JOSE
Facility County: Not reported
Facility State: CA
Facility Zip: 951191003

EPA ID: CAD990843989
Create Date: 2014-12-16 05:37:50.997
NAICS Code: 56291
NAICS Description: Remediation Services
Issued EPA ID Date: 1982-07-23 00:00:00

IBM CORPORATION (Continued) **1000109345**

Inactive Date:	Not reported
Facility Name:	IBM CORPORATION
Facility Address:	5601 GREAT OAKS PKWY
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951191003
EPA ID:	CAD990843989
Create Date:	2013-10-15 15:45:40.993
NAICS Code:	562998
NAICS Description:	All Other Miscellaneous Waste Management Services
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	Not reported
Facility Name:	IBM CORPORATION
Facility Address:	5601 GREAT OAKS PKWY
Facility Address 2:	Not reported
Facility City:	SAN JOSE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	951191003

HAZNET:

Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 951191003
Contact:	DEAN CHARTRAND
Telephone:	7032572583
Mailing Name:	Not reported
Mailing Address:	8976 WELLINGTON RD
Year:	2012
Gepaid:	CAD990843989
TSD EPA ID:	TXD000838896
CA Waste Code:	351 - Organic solids with halogens
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.005
Year:	2011
Gepaid:	CAD990843989
TSD EPA ID:	ARD069748192
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.2255
Year:	2011
Gepaid:	CAD990843989
TSD EPA ID:	UTD991301748
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	-
Tons:	0.7975
Year:	2011

IBM CORPORATION (Continued) **1000109345**

Gepaid: CAD990843989
TSD EPA ID: UTD981552177
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.372

Year: 2011
Gepaid: CAD990843989
TSD EPA ID: UTD991301748
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: -
Tons: 0.792

Year: 2010
Gepaid: CAD990843989
TSD EPA ID: TXD000838896
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0025

Year: 2010
Gepaid: CAD990843989
TSD EPA ID: UTD981552177
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.6415

Year: 2009
Gepaid: CAD990843989
TSD EPA ID: TXD055141378
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.016

Year: 2009
Gepaid: CAD990843989
TSD EPA ID: TXD055141378
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.057

Year: 2009
Gepaid: CAD990843989
TSD EPA ID: ARD069748192
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0225

Click this hyperlink while viewing on your computer to access
981 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2012
Gen EPA ID: CAD990843989

IBM CORPORATION (Continued) **1000109345**

Shipment Date:	20121218
Creation Date:	6/27/2013 22:15:15
Receipt Date:	20130114
Manifest ID:	000771410VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	BED ROCK INC DBA TSMTCO
TSDF EPA ID:	TXD000838896
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	F002
Additional Code 2:	D008
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD990843989

Shipment Date:	20110106
Creation Date:	5/27/2011 18:30:22
Receipt Date:	20110119
Manifest ID:	004438313FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.372
Waste Quantity:	744
Quantity Unit:	P
Additional Code 1:	F001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110106
Creation Date:	6/27/2011 18:30:10
Receipt Date:	20110202
Manifest ID:	004438314FLE
Trans EPA ID:	MAD039322250

IBM CORPORATION (Continued) **1000109345**

Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2255
Waste Quantity:	451
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0855
Waste Quantity:	171
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

IBM CORPORATION (Continued) **1000109345**

Meth Code:	- Not reported
Quantity Tons:	0.2985
Waste Quantity:	597
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.792
Waste Quantity:	1584
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110106
Creation Date:	12/13/2012 22:15:09
Receipt Date:	Not reported
Manifest ID:	004438315FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.4135
Waste Quantity:	827
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Info:

Year:	2010
Gen EPA ID:	CAD990843989
Shipment Date:	20101227
Creation Date:	6/24/2011 18:30:12
Receipt Date:	20110127
Manifest ID:	004438179FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CHES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.6415
Waste Quantity:	1283
Quantity Unit:	P
Additional Code 1:	F002
Additional Code 2:	F001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100422
Creation Date:	12/16/2010 18:31:14
Receipt Date:	20100518
Manifest ID:	000487937VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	TXD000838896
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD990843989

IBM CORPORATION (Continued) **1000109345**

Shipment Date:	20091222
Creation Date:	9/18/2012 22:15:10
Receipt Date:	Not reported
Manifest ID:	006219164JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	1.05
Waste Quantity:	2100
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091221
Creation Date:	10/8/2010 18:30:56
Receipt Date:	20091228
Manifest ID:	005581848JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090915
Creation Date:	4/12/2010 18:30:24
Receipt Date:	20091004
Manifest ID:	002995739FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT

IBM CORPORATION (Continued) **1000109345**

TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090915
Creation Date:	4/12/2010 18:30:24
Receipt Date:	20091004
Manifest ID:	002995739FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090605
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090618
Manifest ID:	000480039JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1
Waste Quantity:	2000

IBM CORPORATION (Continued) **1000109345**

Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090605
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090618
Manifest ID:	000480039JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.625
Waste Quantity:	1250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090605
Creation Date:	10/29/2009 18:30:09
Receipt Date:	20090618
Manifest ID:	000480039JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	PAD990753089
Trans Name:	EXIDE TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090602
Creation Date:	10/23/2009 18:30:08

IBM CORPORATION (Continued) **1000109345**

Receipt Date:	20090619
Manifest ID:	002605862FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	ENVIRO CARE INC
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090427
Creation Date:	9/15/2009 18:30:08
Receipt Date:	20090510
Manifest ID:	002229123FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	ENVIRO CARE
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090427
Creation Date:	9/15/2009 18:30:08
Receipt Date:	20090510
Manifest ID:	002229123FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	ENVIRO CARE
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported

IBM CORPORATION (Continued) **1000109345**

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.006
Waste Quantity: 12
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAD990843989

Shipment Date: 20081203
Creation Date: 4/9/2009 18:30:20
Receipt Date: 20081216
Manifest ID: 002292619FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081203
Creation Date: 4/9/2009 18:30:20
Receipt Date: 20081216
Manifest ID: 002292619FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.025

IBM CORPORATION (Continued) **1000109345**

Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	4/9/2009 18:30:08
Receipt Date:	20081211
Manifest ID:	002231676FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0235
Waste Quantity:	47
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080902
Creation Date:	2/4/2009 18:30:35
Receipt Date:	20081002
Manifest ID:	002288966FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0038
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080902

IBM CORPORATION (Continued) **1000109345**

Creation Date:	2/4/2009 18:30:35
Receipt Date:	20081002
Manifest ID:	002288966FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080714
Creation Date:	12/10/2008 18:30:08
Receipt Date:	20080801
Manifest ID:	001773837FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1235
Waste Quantity:	247
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080714
Creation Date:	12/10/2008 18:30:08
Receipt Date:	20080801
Manifest ID:	001773837FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC

IBM CORPORATION (Continued) **1000109345**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080416
Creation Date:	9/25/2008 18:30:24
Receipt Date:	20080519
Manifest ID:	001091964FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0285
Waste Quantity:	57
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080408
Creation Date:	6/5/2008 18:30:08
Receipt Date:	20080411
Manifest ID:	001241178JJK
Trans EPA ID:	CAR000177527
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC (KHF)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P

IBM CORPORATION (Continued) **1000109345**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080326
Creation Date:	9/10/2008 18:30:32
Receipt Date:	20080418
Manifest ID:	001831029FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW CO
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.2975
Waste Quantity:	4595
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD990843989
Shipment Date:	20071226
Creation Date:	10/30/2008 18:30:39
Receipt Date:	20080113
Manifest ID:	000255681VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	ILD098642424
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0305
Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712

IBM CORPORATION (Continued) **1000109345**

Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071113
Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071229
Manifest ID:	001043873FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071101
Creation Date:	7/16/2008 18:30:34
Receipt Date:	20071129
Manifest ID:	001834992FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1

IBM CORPORATION (Continued) **1000109345**

Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071101
Creation Date:	7/16/2008 18:30:34
Receipt Date:	20071129
Manifest ID:	001834992FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.65
Waste Quantity:	1300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071031
Creation Date:	4/22/2008 18:30:08
Receipt Date:	20071119
Manifest ID:	001834961FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.336
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071026

IBM CORPORATION (Continued) **1000109345**

Creation Date:	7/16/2008 18:30:41
Receipt Date:	20071214
Manifest ID:	001834772FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070912
Creation Date:	12/10/2007 18:30:18
Receipt Date:	20070912
Manifest ID:	000512772GBF
Trans EPA ID:	CAR000153395
Trans Name:	C&H VETERAN ENTERPRIES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD990843989

Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250

IBM CORPORATION (Continued) **1000109345**

Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.209
Waste Quantity:	418
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported

IBM CORPORATION (Continued) **1000109345**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0565
Waste Quantity:	113
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061220
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061229
Manifest ID:	000395455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20070103
Manifest ID:	000395438FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	10/30/2008 18:30:32
Receipt Date:	20070107
Manifest ID:	000395439FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.532
Waste Quantity:	1064
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20070103
Manifest ID:	000395438FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.072
Waste Quantity:	144
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061219
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20070103
Manifest ID:	000395438FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC

IBM CORPORATION (Continued) **1000109345**

Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4135
Waste Quantity:	827
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	10/24/2007 18:30:14
Receipt Date:	20061207
Manifest ID:	000505244FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	7.41
Waste Quantity:	14820
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061109
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000395043FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TRI STATE MOTOR TRANSIT CO
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008

IBM CORPORATION (Continued) **1000109345**

Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAD990843989

Shipment Date: 20050712
Creation Date: 10/11/2005 18:31:29
Receipt Date: 20050718
Manifest ID: 24436400
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTD988074712
Trans 2 Name: TW COMPANY
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: UTD981552177
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.0525
Waste Quantity: 105
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050204
Creation Date: 6/3/2005 18:31:06
Receipt Date: 20050204
Manifest ID: 22240366
Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: NONE
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050204
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050204
Manifest ID:	22240367
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	13.4848
Waste Quantity:	16
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050203
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050203
Manifest ID:	22240277
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050203
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050203
Manifest ID:	22240278

IBM CORPORATION (Continued) **1000109345**

Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: NONE
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAD990843989

Shipment Date: 20041220
Creation Date: 2/17/2005 18:32:22
Receipt Date: 20041220
Manifest ID: 22240211
Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NONE
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041214
Creation Date: 3/16/2005 18:31:03
Receipt Date: 20041214
Manifest ID: 22240203
Trans EPA ID: CAD063547996
Trans Name: PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117

IBM CORPORATION (Continued) **1000109345**

Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.0185
Waste Quantity:	37
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041214
Creation Date:	3/16/2005 18:31:03
Receipt Date:	20041214
Manifest ID:	22240203
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.5265
Waste Quantity:	1053
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041015
Creation Date:	1/11/2005 18:30:51
Receipt Date:	20041019
Manifest ID:	22239997
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.107
Waste Quantity:	214
Quantity Unit:	P

IBM CORPORATION (Continued) **1000109345**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040908
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20040913
Manifest ID:	22239982
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.189
Waste Quantity:	378
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040727
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040728
Manifest ID:	22239941
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	5.16
Waste Quantity:	10320
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040617
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040625

IBM CORPORATION (Continued) **1000109345**

Manifest ID:	22240097
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.303
Waste Quantity:	606
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040510
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040511
Manifest ID:	22239903
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	8.33
Waste Quantity:	16660
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040408
Creation Date:	10/1/2004 18:31:09
Receipt Date:	20040409
Manifest ID:	22240032
Trans EPA ID:	CAD004778742
Trans Name:	STURGEON AND SON INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported

IBM CORPORATION (Continued) **1000109345**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	10.53
Waste Quantity:	21060
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040331
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040406
Manifest ID:	22240031
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.233
Waste Quantity:	466
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD990843989
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	98536781
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.5355
Waste Quantity:	1071

IBM CORPORATION (Continued) **1000109345**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031105
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031106
Manifest ID:	22239789
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	15.03
Waste Quantity:	30060
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031027
Creation Date:	8/3/2004 15:03:33
Receipt Date:	20031027
Manifest ID:	22239784
Trans EPA ID:	CAD063547996
Trans Name:	PHILIP TRANSPORTATION AND REMEDIATION INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2275
Waste Quantity:	455
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030811
Creation Date:	7/28/2004 10:48:03

IBM CORPORATION (Continued) **1000109345**

Receipt Date:	20030812
Manifest ID:	22239739
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	13.27
Waste Quantity:	26540
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030710
Creation Date:	7/22/2004 9:56:39
Receipt Date:	20030711
Manifest ID:	22239732
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.059
Waste Quantity:	118
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030529
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030530
Manifest ID:	22239706
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177

IBM CORPORATION (Continued) **1000109345**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.3355
Waste Quantity:	671
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030529
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030530
Manifest ID:	22239706
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.281
Waste Quantity:	562
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030529
Creation Date:	6/23/2004 10:00:42
Receipt Date:	20030530
Manifest ID:	22239706
Trans EPA ID:	MOR000505347
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.206
Waste Quantity:	412
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

IBM CORPORATION (Continued) **1000109345**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030527
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030528
Manifest ID:	22239691
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD981552177
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	14.98
Waste Quantity:	29960
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030417
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030502
Manifest ID:	22020317
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.147
Waste Quantity:	294
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

M68 **IBM CORPORATION** **CUPA Listings** **S109936442**
NNE **5601 GREAT OAKS PKWY** **HWP** **N/A**
1/2-1 **SAN JOSE, CA 95119** **HAZMAT**
0.586 mi. **CERS**
3092 ft. **Site 3 of 4 in cluster M**

Relative:
Higher

Actual:
196 ft.

CUPA SANTA CLARA:

Name:	HGST SUBSTATION
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA 95135
Region:	SANTA CLARA
Telephone:	4087176255
UDF Email:	Not reported
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.246939
Longitude:	-121.79
Record ID:	PR0401177
Facility ID:	FA0269604

Name:	HGST SUBSTATION
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA 95135
Region:	SANTA CLARA
Telephone:	4087176255
UDF Email:	Not reported
PE#:	LQ99
Program Description:	HW GENERATOR-ADDITIONAL CONTIG FAC (RCRA LQG)
Program Identifier:	DEH PERMIT - HAZ WASTE GENERATOR PROGRAM
Latitude:	37.246939
Longitude:	-121.79
Record ID:	PR0441044
Facility ID:	FA0269604

Name:	HGST SUBSTATION
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA 95135
Region:	SANTA CLARA
Telephone:	4087176255
UDF Email:	Not reported
PE#:	2299
Program Description:	HW GENERATOR-ADDITIONAL CONTIGUOUS FACILITY
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude:	37.246939
Longitude:	-121.79
Record ID:	PR0414991
Facility ID:	FA0269604

HWP:

EPA ID:	CAD990843989
Name:	IBM CORPORATION
Address:	5601 GREAT OAKS PKWY
Cleanup Status:	CLOSED
Latitude:	37.24793
Longitude:	-121.7920
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported

IBM CORPORATION (Continued) **S109936442**

Site Code:	200051
Senate District:	15
Assembly District:	25
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Transferred permit to Hitachi, CAR000128793. Hitachi GST was issued a new EPA Id. number, CAR000128793.IBM was pursuing the permit renewal until the facility was sold to Hitachi GST in January 2003. Hitachi's new permit was issued on 5/16/05.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	26-30%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-11-16 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units -- Redraft permit
Due Date:	Not reported
Comments:	Transferred permit to Hitachi, CAR000128793. Hitachi GST was issued a new EPA Id. number, CAR000128793.IBM was pursuing the permit renewal until the facility was sold to Hitachi GST in January 2003. Hitachi s new permit was issued on 5/16/05.
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date:	03/26/1992

EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1985-04-29 00:00:00
Type:	RCRA
Title Description:	Initial Permit for CNTAIN1 and TANTSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	09/14/1984
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-11-16 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units -- Redraft permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date:	11/16/1992
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1985-04-29 00:00:00
Type:	RCRA
Title Description:	Initial Permit for CNTAIN1 and TANTSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	04/29/1985
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1985-04-29 00:00:00
Type:	RCRA
Title Description:	Initial Permit for CNTAIN1 and TANTSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description:	New Operating Permit - PUBLIC COMMENT (END)
Actual Date:	02/03/1985
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-11-16 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units -- Redraft permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	03/26/1992
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-11-16 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units -- Redraft permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date:	05/10/1992
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1985-04-29 00:00:00
Type:	RCRA
Title Description:	Initial Permit for CNTAIN1 and TANTSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	09/14/1984
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1985-04-29 00:00:00
Type:	RCRA
Title Description:	Initial Permit for CNTAIN1 and TANTSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date:	11/30/1984
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-03-26 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	05/07/1990
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-03-26 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units
Due Date:	12/13/1991
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 11/15/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date: 12/30/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 04/28/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	04/29/1985
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-03-26 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	11/15/1991
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-11-16 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units -- Redraft permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date:	11/16/2002
EPA ID:	CAD990843989
Facility Type:	Historical - Non-Operating
Facility Name:	IBM CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-03-26 00:00:00
Type:	RCRA
Title Description:	Permit renewal for all units
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description: Renewal - With Changes - 3RD NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/18/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 04/29/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - RESPONSE TO 3RD NOD RECEIVED
Actual Date: 01/13/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description: Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 10/04/1990

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date: 11/13/1991

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: 12/30/1984
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 12/20/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-11-16 00:00:00
Type: RCRA
Title Description: Permit renewal for all units -- Redraft permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 11/16/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 10/30/1989

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-04-29 00:00:00
Type: RCRA
Title Description: Initial Permit for CNTAIN1 and TANTSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 12/20/1984

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)

IBM CORPORATION (Continued) **S109936442**

Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 03/26/1992

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-26 00:00:00
Type: RCRA
Title Description: Permit renewal for all units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 06/12/1990

Closure:
EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Transfered Permit to Hitachi CAR000128793
Due Date: Not reported
Comments: In Jan 2003 IBM San Jose was sold to Hitachi. Hitachi new permit was issued on 5/16/2005
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 05/18/2009

Alias:
EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000484770

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating

IBM CORPORATION (Continued) **S109936442**

Facility Name: IBM CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 200051

EPA ID: CAD990843989
Facility Type: Historical - Non-Operating
Facility Name: IBM CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Envirostor ID Number
Alias: 43350084

SAN JOSE HAZMAT:
Name: IBM CORPORATION, GRS
Address: 5601 GREAT OAKS PK
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 601126
Class: Misc. Complex firms and labs

CERS:
Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 473262
CERS ID: 110064259298
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: DEAN CHARTRAND
Entity Title: Not reported
Affiliation Address: 8976 WELLINGTON ROAD
Affiliation City: MANASSAS
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: DEAN W CHARTRAND
Entity Title: Not reported
Affiliation Address: 8976 WELLINGTON ROAD
Affiliation City: MANASSAS
Affiliation State: VA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner

IBM CORPORATION (Continued) **S109936442**

Entity Name: HGST ; NA A WSTRN DGTL
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY
Affiliation City: SANJOSE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

M69 **WESTERN DIGITAL TECHNOLOGIES INC** **CORRACTS** **1008194745**
NNE **5601 GREAT OAKS PARKWAY** **RCRA-TSDF** **95193BMXXX5600C**
1/2-1 **SAN JOSE, CA 95119** **RCRA-LQG**
0.586 mi. **ENVIROSTOR**
3092 ft. **Site 4 of 4 in cluster M** **CHMIRS**
US FIN ASSUR
Relative: Higher **2020 COR ACTION**
TRIS
Actual: 196 ft. **FINDS**
ECHO
CUPA Listings
EMI
ENF
HWTS
NPDES
HAZMAT
CIWQS
CERS

CORRACTS:
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20001031
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20020723
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Actual Date: 20001031
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20131028
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
Address 2: Not reported
EPA ID: CAR000128793
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 20000101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA TSDF:
Treatment Storage and Disposal Type: Storage, Treatment
Full Enforcement Universe: Storage, Treatment
Corrective Action Workload Universe: Yes
Permit Renewals Workload Universe: Storage, Treatment
Permit Workload Universe: Storage, Treatment
Permit Progress Universe: Storage, Treatment
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
Operating TSDF Universe: Storage, Treatment
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: Yes
TSDFs Only Subject to CA under Discretionary Auth Universe: No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Click Here for Biennial Reporting System Data:
Year: 2017

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Year: 2013

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Year: 2011

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Year: 2009

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Year: 2007

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Year: 2005

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Year: 2003

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RCRA Listings:

Date Form Received by Agency:	20230301
Handler Name:	Western Digital Technologies Inc
Handler Address:	GREAT OAKS PARKWAY
Handler City,State,Zip:	SAN JOSE, CA 95119-1003
EPA ID:	CAR000128793
Contact Name:	DENISE LLOYD
Contact Address:	GREAT OAKS PARKWAY
Contact City,State,Zip:	SAN JOSE, CA 95119-1003
Contact Telephone:	408-717-6196
Contact Fax:	Not reported
Contact Email:	DENISE.LLOYD@WDC.COM
Contact Title:	SENIOR EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2022
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	GREAT OAKS PARKWAY
Mailing City,State,Zip:	SAN JOSE, CA 95119-1003
Owner Name:	Western Digital Technologies Inc
Owner Type:	Private
Operator Name:	Western Digital Technologies Inc
Operator Type:	Private
Short-Term Generator Activity:	No

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Accomplished
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Corrective Action, Sudden Third-Party Liability
Handler Date of Last Change:	20230616
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

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WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

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Year: 2007

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Year: 2005

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Year: 2003

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Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D012
Waste Description: Endrin
(1,2,3,4,10,10-Hexachloro-1,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-1,4-En
do, Endo-5,8-Dimeth-Ano-Naphthalene)

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code:	D014
Waste Description:	Methoxychlor (1,1,1-Trichloro-2,2-Bis [P-Methoxyphenyl] Ethane)
Waste Code:	D015
Waste Description:	Toxaphene (C10 H10 Cl8, Technical Chlorinated Camphene, 67-69 Percent Chlorine)
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D017
Waste Description:	2,4,5-Tp Silvex (2,4,5-Trichlorophenoxypropionic Acid)
Waste Code:	D018
Waste Description:	Benzene
Waste Code:	D019
Waste Description:	Carbon Tetrachloride
Waste Code:	D020
Waste Description:	Chlordane
Waste Code:	D021
Waste Description:	Chlorobenzene
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	D023
Waste Description:	O-Cresol
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D025
Waste Description:	P-Cresol
Waste Code:	D026
Waste Description:	Cresol
Waste Code:	D027
Waste Description:	1,4-Dichlorobenzene
Waste Code:	D028
Waste Description:	1,2-Dichloroethane
Waste Code:	D029
Waste Description:	1,1-Dichloroethylene
Waste Code:	D032
Waste Description:	Hexachlorobenzene
Waste Code:	D034
Waste Description:	Hexachloroethane
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code: D036
Waste Description: Nitrobenzene

Waste Code: D038
Waste Description: Pyridine

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: D040
Waste Description: Trichlorethylene

Waste Code: D042
Waste Description: 2,4,6-Trichlorophenol

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F004
Waste Description: The Following Spent Nonhalogenated Solvents: Cresols, Cresylic Acid, And Nitrobenzene; And The Still Bottoms From The Recovery Of These Solvents; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code:	F005
Waste Description:	The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F006
Waste Description:	Wastewater Treatment Sludges From Electroplating Operations, Except From The Following Processes: (1) Sulfuric Acid Anodizing Of Aluminum; (2) Tin Plating On Carbon Steel; (3) Zinc Plating (Segregated Basis) On Carbon Steel; (4) Aluminum Or Zinc-Aluminum Plating On Carbon Steel; (5) Cleaning/Stripping Associated With Tin, Zinc, And Aluminum Plating On Carbon Steel; And (6) Chemical Etching And Milling Of Aluminum.
Waste Code:	F007
Waste Description:	Spent Cyanide Plating Bath Solutions From Electroplating Operations.
Waste Code:	P005
Waste Description:	2-Propen-1-Ol (Or) Allyl Alcohol
Waste Code:	P015
Waste Description:	Beryllium
Waste Code:	P022
Waste Description:	Carbon Disulfide
Waste Code:	P030
Waste Description:	Cyanides (Soluble Cyanide Salts), Not Otherwise Specified
Waste Code:	P098
Waste Description:	Potassium Cyanide (Or) Potassium Cyanide K(Cn)
Waste Code:	P104
Waste Description:	Silver Cyanide (Or) Silver Cyanide Ag(Cn)
Waste Code:	P105
Waste Description:	Sodium Azide
Waste Code:	P106
Waste Description:	Sodium Cyanide (Or) Sodium Cyanide Na(Cn)
Waste Code:	P113
Waste Description:	Thallic Oxide (Or) Thallium Oxide Tl2o3
Waste Code:	P120
Waste Description:	Vanadium Oxide V2o5 (Or) Vanadium Pentoxide
Waste Code:	U001
Waste Description:	Acetaldehyde (I) (Or) Ethanal (I)
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code:	U003
Waste Description:	Acetonitrile (I,T)
Waste Code:	U009
Waste Description:	2-Propenenitrile (Or) Acrylonitrile
Waste Code:	U019
Waste Description:	Benzene (I,T)
Waste Code:	U031
Waste Description:	1-Butanol (I) (Or) N-Butyl Alcohol (I)
Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U037
Waste Description:	Benzene, Chloro- (Or) Chlorobenzene
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U052
Waste Description:	Cresol (Cresylic Acid) (Or) Phenol, Methyl-
Waste Code:	U055
Waste Description:	Benzene, (1-Methylethyl)- (I) (Or) Cumene (I)
Waste Code:	U056
Waste Description:	Benzene, Hexahydro- (I) (Or) Cyclohexane (I)
Waste Code:	U070
Waste Description:	Benzene, 1,2-Dichloro- (Or) O-Dichlorobenzene
Waste Code:	U071
Waste Description:	Benzene, 1,3-Dichloro- (Or) M-Dichlorobenzene
Waste Code:	U072
Waste Description:	Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene
Waste Code:	U077
Waste Description:	Ethane, 1,2-Dichloro- (Or) Ethylene Dichloride
Waste Code:	U080
Waste Description:	Methane, Dichloro- (Or) Methylene Chloride
Waste Code:	U092
Waste Description:	Dimethylamine (I) (Or) Methanamine, N-Methyl- (I)
Waste Code:	U112
Waste Description:	Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)
Waste Code:	U117
Waste Description:	Ethane, 1,1'-Oxybis-(I) (Or) Ethyl Ether (I)
Waste Code:	U121
Waste Description:	Methane, Trichlorofluoro- (Or) Trichloromonofluoromethane

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code:	U123
Waste Description:	Formic Acid (C,T)
Waste Code:	U127
Waste Description:	Benzene, Hexachloro- (Or) Hexachlorobenzene
Waste Code:	U134
Waste Description:	Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)
Waste Code:	U144
Waste Description:	Acetic Acid, Lead(2+) Salt (Or) Lead Acetate
Waste Code:	U151
Waste Description:	Mercury
Waste Code:	U154
Waste Description:	Methanol (I) (Or) Methyl Alcohol (I)
Waste Code:	U159
Waste Description:	2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)
Waste Code:	U161
Waste Description:	4-Methyl-2-Pentanone (I) (Or) Methyl Isobutyl Ketone (I) (Or) Pentanol, 4-Methyl-
Waste Code:	U188
Waste Description:	Phenol
Waste Code:	U190
Waste Description:	1,3-Isobenzofurandione (Or) Phthalic Anhydride
Waste Code:	U196
Waste Description:	Pyridine
Waste Code:	U208
Waste Description:	1,1,1,2-Tetrachloroethane (Or) Ethane, 1,1,1,2-Tetrachloro-
Waste Code:	U209
Waste Description:	1,1,2,2-Tetrachloroethane (Or) Ethane, 1,1,2,2-Tetrachloro-
Waste Code:	U210
Waste Description:	Ethene, Tetrachloro- (Or) Tetrachloroethylene
Waste Code:	U211
Waste Description:	Carbon Tetrachloride (Or) Methane, Tetrachloro-
Waste Code:	U213
Waste Description:	Furan, Tetrahydro-(I) (Or) Tetrahydrofuran (I)
Waste Code:	U219
Waste Description:	Thiourea
Waste Code:	U220
Waste Description:	Benzene, Methyl- (Or) Toluene
Waste Code:	U226
Waste Description:	Ethane, 1,1,1-Trichloro- (Or) Methyl Chloroform

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Waste Code: U227
Waste Description: 1,1,2-Trichloroethane (Or) Ethane, 1,1,2-Trichloro-

Waste Code: U228
Waste Description: Ethene, Trichloro- (Or) Trichloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U404
Waste Description: U404

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GST, INC.
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
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Owner/Operator Indicator: Operator
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Legal Status: Private
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Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Address: 5600 COTTLE RD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193-0001
Owner/Operator Telephone: 408-256-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST, INC.

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20201231
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
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Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20201231
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
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Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST, INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
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Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
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Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MARIANA H D D U S INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE RD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193-0001
Owner/Operator Telephone: 408-256-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20201231
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20201231
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Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
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Owner/Operator Address: 5601 GREAT OAKS PARKWAY
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Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20021231
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Owner/Operator Address: Not reported
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Owner/Operator Telephone Ext: Not reported
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Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PKWY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GST, INC.
Legal Status: Private

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE ROAD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Legal Status: Private
Date Became Current: 20030501
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Owner/Operator Telephone: 408-717-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
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Owner/Operator Telephone Ext: Not reported
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Owner/Operator Email: DENISE.LLOYD@WDC.COM

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Owner/Operator Name: HGST, INC.
Legal Status: Private
Date Became Current: 20030501
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: 408-717-6196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DENISE.LLOYD@WDC.COM

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Owner/Operator Indicator: Owner
Owner/Operator Name: WESTERN DIGITAL TECHNOLOGIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5601 GREAT OAKS PARKWAY
Owner/Operator City,State,Zip: SAN JOSE, CA 95119-1003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HITACHI GLOBAL STORAGE TECHNOLOGIES
Legal Status: Private
Date Became Current: 20021231
Date Ended Current: Not reported
Owner/Operator Address: 5600 COTTLE RD
Owner/Operator City,State,Zip: SAN JOSE, CA 95193-0001
Owner/Operator Telephone: 408-256-8168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040219
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100720
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120911
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140301
Handler Name: HGST, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160226
Handler Name: HGST, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20181026
Handler Name: HGST INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20200229
Handler Name: HGST INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Electronic Manifest Broker: No

Receive Date: 20210507
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220301
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20230301
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210111
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20020906
Handler Name: MARIANA H D D U S INC
Federal Waste Generator Description: Large Quantity Generator

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030127
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030509
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090721
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090820
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120620
Handler Name: HGST INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220228
Handler Name: WESTERN DIGITAL TECHNOLOGIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060301
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080228
Handler Name: HITACHI GLOBAL STORAGE TECHNOLOGIES, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

List of NAICS Codes and Descriptions:
NAICS Code: 334112
NAICS Description: COMPUTER STORAGE DEVICE MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20120907
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20120710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20161012
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	510
Date of Enforcement Action:	20170131
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190627
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 207
Date of Enforcement Action: 20190628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140702
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20140703
Enforcement Identifier: 613
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20120907
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20111202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161012
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	20190625
Actual Return to Compliance Date:	20190702
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	207
Date of Enforcement Action:	20190628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	300
Date of Enforcement Action:	20190305
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20140227
Actual Return to Compliance Date: 20140411
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 508
Date of Enforcement Action: 20150710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 602
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 612
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161012
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	20170213
Actual Return to Compliance Date:	20170405
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	206
Date of Enforcement Action:	20170213
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	205
Date of Enforcement Action:	20161019
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111128
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20111202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170313
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 206
Date of Enforcement Action: 20170213
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170405
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	205
Date of Enforcement Action:	20161019
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051207
Actual Return to Compliance Date: 20060828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20060628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190710
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20190801
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051207
Actual Return to Compliance Date:	20060828
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20060628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20170209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20080225
Actual Return to Compliance Date:	20080425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	503
Date of Enforcement Action:	20080429
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	510
Date of Enforcement Action:	20170131
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051207
Actual Return to Compliance Date:	20060828
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20060628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20080225
Actual Return to Compliance Date: 20080425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20080429
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20140227
Actual Return to Compliance Date: 20140411
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 203
Date of Enforcement Action: 20140317
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20111202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20140703
Enforcement Identifier: 613
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20161013
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	510
Date of Enforcement Action:	20170131
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 612
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170405
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 20170213
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190710
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 207
Date of Enforcement Action: 20190628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051207
Actual Return to Compliance Date: 20060828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20060628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20170209
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	510
Date of Enforcement Action:	20170131
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190702
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20190801
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20210715
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	300
Date of Enforcement Action:	20190305
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	45000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	45000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20171228
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111128
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20120710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20161013
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20171228
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 510
Date of Enforcement Action: 20170131
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20190625
Actual Return to Compliance Date: 20190627
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20190801
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20171228
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 205
Date of Enforcement Action: 20161019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140605
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 602
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	20170213
Actual Return to Compliance Date:	20170313
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	511
Date of Enforcement Action:	20170213
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20161012
Actual Return to Compliance Date:	20161012
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	205
Date of Enforcement Action:	20161019
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20161012
Actual Return to Compliance Date: 20210715
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20111128
Actual Return to Compliance Date: 20111213
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20120710
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20140605
Actual Return to Compliance Date: 20140702
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20140705
Enforcement Identifier: 612
Date of Enforcement Action: 20140605
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 20170213
Actual Return to Compliance Date: 20170313
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 20190305
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 45000
Paid Amount: Not reported
Final Count: 1
Final Amount: 45000

Evaluation Action Summary:
Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120907
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190627
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140702
Scheduled Compliance Date:	20140703
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120907
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190711
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140227
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20140411
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20140605
Scheduled Compliance Date: 20140705
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20140605
Scheduled Compliance Date: 20140705
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100127
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170405
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20211208
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20111128
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170405
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20140617
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190710
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080225
Evaluation Responsible Agency:	State

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20080425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20111213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140703
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20091130
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161013
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080320
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170405
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190710
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20051207
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060828
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190702
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20211221
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120522
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140605
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20171228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20111128
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20111128
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20161012
Evaluation Responsible Agency: State

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161013
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190625
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190627
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20051229
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140605
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210715
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161012
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20161012
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20111128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20111213
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140702
Scheduled Compliance Date:	20140705
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170213
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

ENVIROSTOR:

Name:	HGST, INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility ID:	80001772
Status:	No Action Required
Status Date:	10/14/2016
Site Code:	202388
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	178
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Not reported
Supervisor:	Julie Pettijohn
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	15
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.25003
Longitude:	-121.7951
APN:	70607020
Past Use:	MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC
Potential COC:	Trichloroethylene (TCE Chloroform Chloroform
Confirmed COC:	Trichloroethylene (TCE Chloroform Chloroform No Contaminants found
Potential Description:	OTH, SOIL, SV, OTH, SOIL, SV, OTH
Alias Name:	HGST, INC
Alias Type:	Alternate Name
Alias Name:	IBM CORPORATION
Alias Type:	Alternate Name
Alias Name:	70607020
Alias Type:	APN
Alias Name:	CAD990843989
Alias Type:	Former EPA - Previous Site
Alias Name:	CAR000128793
Alias Type:	EPA Identification Number
Alias Name:	SL720561211
Alias Type:	GeoTracker Global ID
Alias Name:	201476
Alias Type:	Project Code (Site Code)
Alias Name:	202388
Alias Type:	Project Code (Site Code)
Alias Name:	80001772
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/29/2014
Comments:	1/4 miles radius mailing list and other interested party mailing list. In addition to these lists, DTSC Berkeley mandatory mailing

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

list and statewide list should also be used.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/04/2014
Comments: This report documents the current environmental conditions of the subsurface beneath and within the vicinity of Building 40 on Parcel A and all of Parcel D (Buildings 013, 014 and 015).

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REDEVELOPMENT PROPERTY
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/29/2007
Comments: Extensive soil, soil gas and groundwater investigations were conducted a portion of the site that is planned to be rezoned, sold, and redeveloped into a mixed residential, commercial, and recreational open space area. The area to be redeveloped is divided into five Parcels (Parcel O-1 through O-5), which is referred to as the Redevelopment Property. The purpose of the Final Remedy Completion Report was to characterize the current condition of the Redevelopment Property in order to ensure that the property is appropriately characterized and remediated prior to removal from the RCRA Permit. In regards to Site-wide groundwater on the Redevelopment Property, IBM, the previous owner/operator, will continue remediation under the oversight of the Regional Water Quality Control Board, San Francisco Bay Region. Remediation of chloroform in the Building 028J Area on Parcel O-4 is remediated under the Chloroform Release Area. All remaining areas on the Redevelopment Property have been determined to meet residential standards.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: CHLOROFORM RELEASE AREA
Completed Document Type: Corrective Measures Study Report
Completed Date: 11/20/2007
Comments: Not reported

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/18/2014
Comments: Soil Inspection/Sampling Plan that identifies procedures for soil and soil gas sampling in areas needing additional investigation in the vicinity of Building 40 on Parcel A and on all of Parcel D (Buildings 013, 014 and 015) was approved.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/14/2014
Comments: Soil Inspection/Sampling Plan that identifies procedures for soil and soil gas sampling in areas needing additional investigation in the vicinity of Buildings 005 and 100 located on Parcel E and Parcel F of the HGST Revitalization Project Area was approved.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Completed Document Type: Preliminary Assessment Report
Completed Date: 08/14/2014
Comments: This report documents the current environmental conditions of the subsurface beneath and within the vicinity of Buildings 005 and 100 located on Parcel E and Parcel F of the HGST Revitalization Project Area

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/13/2015
Comments: The Soil Inspection and Sampling Report for Building 100 Located on Parcel F presents the results of sampling performed at Building 100. Considering the prior history in the area of Building 100 and the results of soil and soil gas sampling that were performed , no evidence of a release from Building 100 was found. Based on these findings, DTSC determined that no further investigation/remediation is required for Parcel F.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 01/22/2016
Comments: The Soil Inspection and Sampling Report for Parcel D and Building 040 is one of two reports that present the results of sampling performed in the Revitalization Project Area where HGST is demolishing several buildings and associated infrastructure, realigning and upgrading transportation routes and constructing new commercial/industrial buildings. The other report that was prepared addresses Building 100 on Parcel F. Considering the prior history in the area of Buildings 013, 015 (located on Parcel D) and Building 040 and the results of soil and soil gas sampling conducted as part of the Site Inspection/Sampling Plan, no evidence of any releases from Buildings 013, 015, and 040 was identified. Based on these findings, DTSC determined no further investigation/remediation is required for Parcel D and Building 040 in Parcel A.

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Completion Determination
Completed Date: 10/17/2016
Comments: Acknowledgment of Termination and Satisfaction for Corrective Action Consent Agreement was fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 10/31/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 10/31/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 10/28/2013
Comments: Not reported

Completed Area Name: REVITALIZATION PROPERTY
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 04/06/2015
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REDEVELOPMENT PROPERTY
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 12/20/2006
Comments: DTSC approved the Corrective Measures Study (CMS) Report and approved the remedy for soil contamination in the Redevelopment Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 01/01/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: CHLOROFORM RELEASE AREA
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 03/07/2008
Comments: The Operation, Maintenance, and Monitoring Plan for 2-Phase Extraction System for the Chloroform Release Area was approved by DTSC on 3/07/08 and provides guidance and procedures for start-up, shutdown, service and monitoring of the 2-Phase extraction system.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: REDEVELOPMENT PROPERTY
Completed Document Type: Corrective Measures Study Report
Completed Date: 12/30/2006
Comments: The Corrective Measures Study Report for the Redevelopment Property was approved on 12/20/07.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

CHMIRS:

Name:	Not reported
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
OES Incident Number:	13-2985
OES notification:	05/16/2013
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Industrial Plant
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1421
Year:	2013
Agency:	EHS HGST Inc
Incident Date:	5/16/2013
Admin Agency:	Santa Clara County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Combustion From Smoke (Hydrocarbons) Non-Liquid
Quantity Released:	30 minutes smoldering
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	An emergency generator caught fire in the intake filter section. The fire was caused by a back-fire in the generator during the shutdown. The generator smoldered for about 30 minutes.

US FIN ASSUR:

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	I
Mechanism Type Description:	INSURANCE
Cost estimate:	6000000
Face value:	8000000
Effective date:	2017-02-13 00:00:00
Provider:	ILLINOIS UNION INSURANCE COMPANY
EPA region:	9

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	L
Mechanism Type Description:	LETTER OF CREDIT
Cost estimate:	25784653
Face value:	26339045.66
Effective date:	2011-05-23 00:00:00
Provider:	MIZUHO CORP BANK
EPA region:	9

Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
EPA ID:	CAR000128793
County:	Not reported
Mechanism type:	S
Mechanism Type Description:	SURETY BOND GUARANTEEING PERFORMANCE
Cost estimate:	26339045.66
Face value:	29375431.14
Effective date:	2018-02-13 00:00:00
Provider:	TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
EPA region:	9

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA
EPA ID: CAR000128793
County: Not reported
Mechanism type: X
Mechanism Type Description: STANDBY TRUST FUND
Cost estimate: 26339045.66
Face value: 0
Effective date: 2017-03-07 00:00:00
Provider: SUNTRUST BANK
EPA region: 9

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA
EPA ID: CAR000128793
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 2000000
Face value: 8000000
Effective date: 2017-02-13 00:00:00
Provider: ILLINOIS UNION INSURANCE COMPANY
EPA region: 9

2020 COR ACTION:
EPA ID: CAR000128793
Region: 9
Action: Remedy Construction

Facility, Chemical, Releases and Other Waste Management Summary Information:
TRI ID: 95193BMXXX5600C
Form Type: Form R
Reporting year: 2021
Trade secret indicator: NO
Sanitized indicator: NO
Title of certifying official: EHS MANAGER DENISE LLOYD
Certifying officials signature indicator: ELECTRONIC
Date signed: 2022-06-24
Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
BIA code: Not reported
Tribe name: Not reported
Mailing name: WESTERN DIGITAL TECHNOLOGIES INC
Mailing street: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Mailing province: Not reported
Mailing City,State,Zip: SAN JOSE, CA 95119
Entire facility ind: YES
Partial facility ind: NO
Federal facility ind: NO
Goco facility ind: NO
Assigned fed facility flag: NO
Public contact name: DENISE LLOYD
Public contact phone and Ext: 4087176196

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Public contact email:	DENISE.LLOYD@WDC.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	334112
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	37.24737
Longitude:	-121.79465
D and B number A:	111109307
D and B number B:	Not reported
RCRA number A:	CAR000128793
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	Not reported
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	WESTERN DIGITAL CORP
Parent company D and B number:	051983567
Standardized parent company name:	WESTERN DIGITAL CORP
Document control number:	1321219922212
TRI ID:	95193BMXXX5600C
Cas number:	0000872504
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	05
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	96
Stack air emissions - release range code:	Not reported
Total stack air emissions:	96
Stack air emissions - basis of estimate:	Other
Total air emissions:	96
Discharges to stream a - stream name:	CANOAS CREEK
Total discharges to stream a:	0

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Discharges to stream a - basis of estimate:	Periodic/Random Monotoning Data
Discharges to stream a - % from stormwater:	100
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Discharges to stream h - stream name:	Not reported
Discharges to stream h - release pounds:	Not reported
Discharges to stream h - release range code:	Not reported
Total discharges to stream h:	Not reported
Discharges to stream h - basis for estimate:	Not reported
Discharges to stream h - % from stormwater:	Not reported
Total number of receiving streams:	1
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Total on-site land releases:	0
Total on-site releases:	96
Off-site - POTW releases:	5990.96
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	5990.96
Off-site - recycling - solvents/organics recovery:	1642772
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	1642772
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	68896.04
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	68896.04
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	1717659
Total POTW transfer:	74887
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	990
Total on-site waste management:	990
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

On-site recycling processes method 7:	Not reported
FRS Facility ID:	110064259270
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	5990.96
Assigned Partial Facility Flag:	NO
Case Number:	872-50-4
Mixture Name:	NA
Clean Air Act Ind:	NO
Carcinogen Ind:	NO
PFAS Ind:	NO

Chemical Activities and Uses:

Cas number:	0000872504
Document control number:	1321219922212
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	Yes

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	Yes
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	WESTERN DIGITAL TECHNOLOGIES INC
Submitted Street:	5601 GREAT OAKS PARKWAY
Submitted City:	SAN JOSE
Submitted County:	SANTA CLARA
Submitted State:	CA
Submitted Zip Code:	95119
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	WESTERN DIGITAL CORP
Submitted Parent Company DB Number:	051983567
Submitted Standardized Parent Company Name:	WESTERN DIGITAL CORP
Submitted Primary NAICS Code:	334112
Submitted Industry Code:	334
Submitted Industry Name:	Computers and Electronic Products
Industry Code:	334
Industry Name:	Computers and Electronic Products
Last year the facility reported:	2021
First year the facility reported:	1987
Number of forms submitted:	1
Total number of forms submitted:	95
Assigned Agency:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	0000872504
Document control number:	1321219922212
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Scrubber
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	0000872504
Document control number:	1321219922212
Chemical name:	N-Methyl-2-pyrrolidone
Classification:	TRI
Offsite RCRA id nr:	CAD059494310
Offsite transfer sequence number:	2
Offsite name:	CLEAN HARBORS SAN JOSE
Offsite street address:	1021 BERRYYESSA ROAD
Offsite City,State,Zip:	SAN JOSE, CA 95133
Offsite county:	SANTA CLARA
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Offsite solvents/organics recovery m20 LBS:	3694
Offsite solvents/organics recovery m20 BOE:	Continuous Monitoring Data

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Total amount transferred offsite for recycling:	3694
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	110000484743
Offsite RCRA id nr:	ILD005450697
Offsite transfer sequence number:	3
Offsite name:	CLEAN HARBORS RSC LLC
Offsite street address:	1445 W 42ND ST
Offsite City,State,Zip:	CHICAGO, IL 60609
Offsite county:	COOK
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Offsite solvents/organics recovery m20 LBS:	1639078
Offsite solvents/organics recovery m20 BOE:	Continuous Monitoring Data
Total amount transferred offsite for recycling:	1639078
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	110000434192

FINDS:
Registry ID: 110064259261

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

Registry ID: 110064259270

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Registry ID: 110057100854

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Registry ID: 110070312728

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008194745
Registry ID:	110064259270
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064259270
Name:	WESTERN DIGITAL TECHNOLOGIES INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119

Envid:	1008194745
Registry ID:	110049790302
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110049790302
Name:	WESTERN DIGITAL
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119

CUPA SANTA CLARA:

Name:	LINDE GAS NORTH AMERICA LLC
Address:	5601 GREAT OAKS PY BLDG 50 D
City,State,Zip:	SAN JOSE, CA 95119
Region:	SANTA CLARA
Telephone:	4085784571
UDF Email:	mike.caputo@linde.com
PE#:	BP02
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.2469417
Longitude:	-121.7899922
Record ID:	PR0417018
Facility ID:	FA0275895

Name:	WDT B-007
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA
Region:	SANTA CLARA
Telephone:	Not reported
UDF Email:	Andrea.Hinojosa@wdc.com
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Program Identifier:	DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude:	37.246926
Longitude:	-121.790028
Record ID:	PR0416690
Facility ID:	FA0275732

Name:	WDT B-007
Address:	5601 GREAT OAKS PY
City,State,Zip:	SAN JOSE, CA
Region:	SANTA CLARA
Telephone:	Not reported
UDF Email:	Andrea.Hinojosa@wdc.com

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

PE#: LQ99
Program Description: HW GENERATOR-ADDITIONAL CONTIG FAC (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.246926
Longitude: -121.790028
Record ID: PR0416691
Facility ID: FA0275732

Name: HGST B-110C
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
Telephone: Not reported
UDF Email: Not reported
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Program Identifier: DEH PERMIT-HAZ MAT BUSINESS PLAN PROGRAM
Latitude: 37.246937
Longitude: -121.790013
Record ID: PR0416685
Facility ID: FA0275731

Name: HGST B-110C
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA
Region: SANTA CLARA
Telephone: Not reported
UDF Email: Not reported
PE#: LQ99
Program Description: HW GENERATOR-ADDITIONAL CONTIG FAC (RCRA LQG)
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.246937
Longitude: -121.790013
Record ID: PR0417017
Facility ID: FA0275731

EMI:
Name: HGST, A WESTERN DIGITAL COMPAN
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2013
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13.81
Reactive Organic Gases Tons/Yr: 10.2030808
Carbon Monoxide Emissions Tons/Yr: 3.599
NOX - Oxides of Nitrogen Tons/Yr: 8.386
SOX - Oxides of Sulphur Tons/Yr: 0.174
Particulate Matter Tons/Yr: 1.13
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.109

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name:	HGST, A WESTERN DIGITAL COMPANY
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17.260229633
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	3.38818327
NOX - Oxides of Nitrogen Tons/Yr:	5.162565836
SOX - Oxides of Sulphur Tons/Yr:	0.200154768
Particulate Matter Tons/Yr:	0.728861591
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.720786595

Name:	HGST, A WESTERN DIGITAL COMPANY
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20.342907729
Reactive Organic Gases Tons/Yr:	19.991647572
Carbon Monoxide Emissions Tons/Yr:	2.982776253
NOX - Oxides of Nitrogen Tons/Yr:	3.582737162
SOX - Oxides of Sulphur Tons/Yr:	0.903277004
Particulate Matter Tons/Yr:	0.653730914
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.648385701

Name:	HGST, A WESTERN DIGITAL COMPANY
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2016
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14.858879761
Reactive Organic Gases Tons/Yr:	10.293756028
Carbon Monoxide Emissions Tons/Yr:	4.268493431
NOX - Oxides of Nitrogen Tons/Yr:	8.086500146
SOX - Oxides of Sulphur Tons/Yr:	0.197814813

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Particulate Matter Tons/Yr: 0.711995101
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.704306044

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2017
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12.438639829
Reactive Organic Gases Tons/Yr: 9.1556286981
Carbon Monoxide Emissions Tons/Yr: 3.597043174
NOX - Oxides of Nitrogen Tons/Yr: 4.973210619
SOX - Oxides of Sulphur Tons/Yr: 0.207745616
Particulate Matter Tons/Yr: 0.614662463
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.609502038

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2018
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14.592663996
Reactive Organic Gases Tons/Yr: 10.710288796
Carbon Monoxide Emissions Tons/Yr: 3.051011483
NOX - Oxides of Nitrogen Tons/Yr: 4.008012988
SOX - Oxides of Sulphur Tons/Yr: 0.187773187
Particulate Matter Tons/Yr: 0.573018462
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.57145043

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Year: 2019
County Code: 43
Air Basin: SF
Facility ID: 85
Air District Name: BA
SIC Code: 3572
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22.649819539
Reactive Organic Gases Tons/Yr: 16.233504837

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Carbon Monoxide Emissions Tons/Yr:	48.842014823
NOX - Oxides of Nitrogen Tons/Yr:	20.520667764
SOX - Oxides of Sulphur Tons/Yr:	3.048672007
Particulate Matter Tons/Yr:	1.42146329
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.407737042

Name:	WESTERN DIGITAL CORPORATION
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Year:	2020
County Code:	43
Air Basin:	SF
Facility ID:	85
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17.902030147
Reactive Organic Gases Tons/Yr:	12.07410465
Carbon Monoxide Emissions Tons/Yr:	2.141709736
NOX - Oxides of Nitrogen Tons/Yr:	1.926471144
SOX - Oxides of Sulphur Tons/Yr:	0.080681534
Particulate Matter Tons/Yr:	0.430057877
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.4297704

ENF:

Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
Region:	2
Facility Id:	652460
Agency Name:	International Business Machine (IBM Corporation)
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	327044
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	09/05/2014
Effective Date:	06/14/2007
Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	393812
Region:	2
Order / Resolution Number:	R2-2014-1001
Enforcement Action Type:	Admin Civil Liability
Effective Date:	01/08/2014
Adoption/Issuance Date:	01/08/2014
Achieve Date:	Not reported
Termination Date:	02/04/2014
ACL Issuance Date:	Not reported
EPL Issuance Date:	11/15/2013
Status:	Historical
Title:	ACL 01/08/2014 for International Business Machines (IBM)
Description:	MMP R2-2014-1001
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	1/31/2014
# Of Programs1:	1
Total Assessment Amount:	6000
Initial Assessed Amount:	6000
Liability $ Amount:	6000
Project $ Amount:	0
Liability $ Paid:	6000

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Project $ Completed:	0
Total $ Paid/Completed Amount:	6000
Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA
Region:	2
Facility Id:	652460
Agency Name:	International Business Machine (IBM Corporation)
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	327044
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	09/05/2014
Effective Date:	06/14/2007

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	390116
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	11/01/2012
Adoption/Issuance Date:	11/01/2012
Achieve Date:	Not reported
Termination Date:	11/05/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 11/01/2012 for International Business Machines (IBM)
Description:	Not reported
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HWTS:

Name:	WESTERN DIGITAL
Address:	5601 GREAT OAKS PARKWAY
Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
EPA ID:	CAC003183565
Inactive Date:	09/30/2022
Create Date:	07/01/2022
Last Act Date:	10/01/2022
Mailing Name:	Not reported
Mailing Address:	5601 GREAT OAKS PARKWAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN JOSE, CA
Owner Name:	WESTERN DIGITAL
Owner Address:	5601 GREAT OAKS PARKWAY
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN JOSE, CA 95119
Owner Phone:	4087176000
Owner Fax:	Not reported
Contact Name:	WESTERN DIGITAL
Contact Address:	5601 GREAT OAKS PARKWAY

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Contact Address 2:	Not reported
City,State,Zip:	SAN JOSE, CA 95119
Contact Phone:	4087176000
Contact Fax:	Not reported
Facility Status:	Not reported
Facility Type:	Not reported
Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported

NPDES:

Name:	WESTERN DIGITAL DRUPS
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	536897
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 43C394231
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/23/2021
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5601 Great Oaks Pkwy
Discharge Name:	Western Digital Technologies Inc
Discharge City:	San Jose
Discharge State:	California
Discharge Zip:	95119
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	WESTERN DIGITAL DRUPS
Address:	5601 GREAT OAKS PKWY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43C394231
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	06/23/2021
Operator Name:	Western Digital Technologies Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Name:	WESTERN DIGITAL BULIDING F4
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43W003928
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	09/20/2022
Operator Name:	Western Digital Technologies Inc
Operator Address:	5601 Great Oaks Pkwy
Operator City:	San Jose
Operator State:	California
Operator Zip:	95119
Name:	WESTERN DIGITAL TANK FARM C
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43W003836
Regulatory Measure Type:	Construction
Program Type:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/06/2018
Operator Name:	HGST
Operator Address:	3403 Yerba Buena Road
Operator City:	San Jose
Operator State:	California
Operator Zip:	95129

Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119-1003
Facility Status:	Historical
NPDES Number:	CAG912002
Region:	2
Agency Number:	384528
Regulatory Measure ID:	397947
Place ID:	652460
Order Number:	R2-2017-0048
WDID:	2 438031002
Regulatory Measure Type:	Enrollee - NPDES
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/25/2014
Termination Date Of Regulatory Measure:	03/30/2022
Expiration Date Of Regulatory Measure:	09/01/2022
Discharge Address:	8976 Wellington Road
Discharge Name:	International Business Machine (IBM Corporation)
Discharge City:	Manassas
Discharge State:	VA
Discharge Zip:	20109
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	HGST NEW FACILITIES
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

WDID:	2 43C371047
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/24/2017
Operator Name:	HGST
Operator Address:	3403 Yerba Buena Road
Operator City:	San Jose
Operator State:	California
Operator Zip:	95129

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	449389
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 43C371047
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/17/2017
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/15/2014
Processed Date:	10/02/2014
Status:	Terminated
Status Date:	04/24/2017
Place Size:	8.7
Place Size Unit:	Acres
Contact:	David Koury
Contact Title:	Not reported
Contact Phone:	408-406-0781
Contact Phone Ext:	Not reported
Contact Email:	david.koury@hgst.com
Operator Name:	HGST
Operator Address:	3403 Yerba Buena Road
Operator City:	San Jose
Operator State:	California
Operator Zip:	95129
Operator Contact:	David Koury
Operator Contact Title:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Operator Contact Phone:	408-406-0781
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	david.koury@hgst.com
Operator Type:	Private Business
Developer:	HGST a Western Digital Company
Developer Address:	3403 Yerba Buena Road
Developer City:	San Jose
Developer State:	California
Developer Zip:	95135
Developer Contact:	David Koury
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	Y
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	David Koury
Certifier Title:	Program Manager
Certification Date:	15-SEP-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	449389
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43C371047
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/02/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/17/2017
Discharge Name:	HGST
Discharge Address:	3403 Yerba Buena Road
Discharge City:	San Jose
Discharge State:	California

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Discharge Zip:	95129
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

SAN JOSE HAZMAT:
Name: HGST SUBSTATION
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 602215
Class: Auto Wrecking/Misc Simple Facility

Name: HGST, INC
Address: 5601 GREAT OAKS PY TFB
City,State,Zip: SAN JOSE, CA 95123
Region: SAN JOSE
File Num: 405776
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 4
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 400153
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 2
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 402632
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 110
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 402644
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 50
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 402667
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 21
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 403422
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 50
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 403428
Class: Misc. Complex firms and labs

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 67
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405764
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 55
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405791
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 42
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409585
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY 006A
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 409589
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY BLDG 001
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 600668
Class: Misc. Complex firms and labs

Name: HGST, INC.
Address: 5601 GREAT OAKS PY B-003
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 602293
Class: Misc. Complex firms and labs

Name: LINDE LLC
Address: 5601 GREAT OAKS PY
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 602442
Class: Not reported

Name: OUT OF BUSINESS
Address: 5601 GREAT OAKS PY 15
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 401740
Class: Misc. Complex firms and labs

Name: OUT OF BUSINESS (HGST, INC)

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Address: 5601 GREAT OAKS PY 5
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405766
Class: Misc. Complex firms and labs

Name: OUT OF BUSINESS (HGST, INC.)
Address: 5601 GREAT OAKS PY 109
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 405813
Class: Misc. Complex firms and labs

CIWQS:
Name: HGST NEW FACILITIES
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Agency: HGST
Agency Address: 3403 Yerba Buena Road 5601 Great Oaks Parkway, San Jose, CA 95129
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C371047
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 10/02/2014
Termination Date: 04/17/2017
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.24694
Longitude: -121.79288

Name: WESTERN DIGITAL DRUPS
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Agency: Western Digital Technologies Inc
Agency Address: 5601 Great Oaks Pkwy, San Jose, CA 95119
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C394231
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 06/23/2021

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.24598
Longitude:	-121.79276

Name:	INTERNATIONAL BUSINESS MACHINES (IBM)
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Agency:	International Business Machine (IBM Corporation)
Agency Address:	8976 Wellington Road, Manassas, VA 20109
Place/Project Type:	Service/Commercial Site, NEC
SIC/NAICS:	Not reported
Region:	2
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee - NPDES
Order Number:	R2-2017-0048
WDID:	2 438031002
NPDES Number:	CAG912002
Adoption Date:	Not reported
Effective Date:	08/25/2014
Termination Date:	03/30/2022
Expiration/Review Date:	09/01/2022
Design Flow:	Not reported
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	WESTERN DIGITAL TECHNOLOGIES, INC
Address:	5601 GREAT OAKS PARKWAY
City,State,Zip:	SAN JOSE, CA 95119
Site ID:	122783
CERS ID:	95193BM 5600C
CERS Description:	Toxic Release Inventory

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	Eric Chodoroff
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Type Desc:	Parent Company
Entity Name:	WESTERN DIGITAL CORP
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Public Contact
Entity Name:	DENISE LLOYD
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087176196,

Affiliation Type Desc:	Public Contact
Entity Name:	ELIZABETH ZIMMERMANN
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087178168,

Affiliation Type Desc:	Supervisor
Entity Name:	Julie Pettijohn
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Technical Contact
Entity Name:	Joanne Wells
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087178762,

Affiliation Type Desc:	Parent Company
Entity Name:	WESTERN DIGITAL CORP
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Company Official
Entity Name: Denise Lloyd
Entity Title: EHS Manager
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Company Official
Entity Name: Elizabeth Zimmermann
Entity Title: Director, Global EH&S
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Technical Contact
Entity Name: Marc Mitchell
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178286,

Name: IBM CORPORATION
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 951191003
Site ID: 607944
CERS ID: CAD990843989
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2001
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2003
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 05-23-2001
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-1996
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 1996-08-16 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-1989
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-29-1988
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-04-1994
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-1999
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 1999-12-13 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2004
Violations Found: No
Eval Type: DTSC Focused Compliance Inspection
Eval Notes: Focused Compliance Inspection - Universal Waste Electronics Recycler
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-1986
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2002
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 09-25-2003
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 02-14-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2007
Violations Found: No
Eval Type: DTSC Focused Compliance Inspection
Eval Notes: Focused Compliance Inspection - Universal Waste Electronics Recycler
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 607944
Site Name: IBM CORPORATION

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Site Address: 5601 GREAT OAKS PKWY
Site City: SAN JOSE
Site Zip: 951191003
Enf Action Date: 05-18-1990
Enf Action Type: Federal Consent Order with Enforcement and Settlement
Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: LARENE CAMERON
Entity Title: Not reported
Affiliation Address: 8976 WELLINGTON RD
Affiliation City: MANASSAS
Affiliation State: VA
Affiliation Country: Not reported
Affiliation Zip: 20109
Affiliation Phone: 7203975658,

Affiliation Type Desc: Facility Owner
Entity Name: IBM CORPORATION
Entity Title: Not reported
Affiliation Address: 1 NEW ORCHARD ROAD
Affiliation City: ARMONK
Affiliation State: NY
Affiliation Country: Not reported
Affiliation Zip: 105040000
Affiliation Phone: 9144991900,

Name: WESTERN DIGITAL TECHNOLOGIES INC
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 951191003
Site ID: 610845
CERS ID: CAR000128793
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Information Request
Eval Date: 01-27-2010
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2011
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2012-09-07 00:00:00
Eval Division: Department of Toxic Substances Control

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2009
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 12-21-2021
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 12-29-2005
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 02-13-2017
Violations Found: Yes
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal Return To Compliance: 2017-04-05 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2008
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2008-04-25 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 03-20-2008
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2005
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2006-08-28 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2021
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2014-04-11 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 05-22-2012
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 06-17-2014
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Information Request
Eval Date: 07-11-2019
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2019-07-10 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2016
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2021-07-15 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 610845
Site Name: WESTERN DIGITAL TECHNOLOGIES INC
Site Address: 5601 GREAT OAKS PKWY
Site City: SAN JOSE
Site Zip: 951191003
Enf Action Date: 03-05-2019
Enf Action Type: Federal Consent Order with Enforcement and Settlement
Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: DENISE W LLOYD
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PKWY
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 951191003
Affiliation Phone: 4087176196,

Affiliation Type Desc: Facility Owner
Entity Name: WESTERN DIGITAL TECHNOLOGIES INC
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PKWY
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 951191003
Affiliation Phone: 4087178168,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Name: HGST, A WESTERN DIGITAL COMPANY
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 472512
CERS ID: 110064259261
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: LINDE INC.
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 130821
CERS ID: 10509460
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 130821
Site Name: Linde Inc.
Violation Date: 06-05-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Facility has not established a HMBP for the reporting of the liquid nitrogen, calibration gas, oil and salt. IGNORE THE CORRECTIVE ACTION BELOW AND ESTABLISH AN ACCOUNT ON THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) WWW.CERS.CALEPA.CA.GOV AND REPORT THE CHEMICALS NOTED ABOVE.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LINDE Facility generates compressed gaseous nitrogen (high purity) for use by HGST. Generate used oil and oily solids form maintenance of pumps, compressors, equipment. Waste is managed by HGST as part of a co-generator agreement. --55 gallon containers for liquid and solid wastes. Both empty at time of inspection. Doing weekly inspections of waste and materials storage areas. --will generate larger quantiteis of waste ever 4-5 years with media change out. Store nitrogen (liquid), oils, calibration gas (O2/N2) salt (for water softening) above HMBP quantities. Store below HMBP quantities of cooling tower water treatment chemicals, oils (various weights), aerosols, cleaning supplies.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Diana West
Entity Title: Not reported
Affiliation Address: Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Raymond Spruit
Entity Title:	West Region Assoc. Dir, Ops - Standard Plants
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Linde Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 717-6255,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Linde Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Erik Liebrecht
Entity Title:	Not reported
Affiliation Address:	2300 E Pacific Coast Highway
Affiliation City:	Wilmington
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90744
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Entity Name: Linde Inc.
Entity Title: Not reported
Affiliation Address: 10 Riverview Drive
Affiliation City: Danbury
Affiliation State: CT
Affiliation Country: United States
Affiliation Zip: 06810
Affiliation Phone: (203) 837-2000,

Affiliation Type Desc: Property Owner
Entity Name: Western Digital
Entity Title: Not reported
Affiliation Address: 5601 Great Oaks Parkway
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95119-1003
Affiliation Phone: (408) 717-6255,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Linde, Building 50 D Core, 5601 Great Oaks Pkwy
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Name: WESTERN DIGITAL TECHNOLOGIES, INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 122783
CERS ID: 80001772
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: Eric Chodoroff
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Company
Entity Name: WESTERN DIGITAL CORP
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Type Desc:	Public Contact
Entity Name:	DENISE LLOYD
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087176196,

Affiliation Type Desc:	Public Contact
Entity Name:	ELIZABETH ZIMMERMANN
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087178168,

Affiliation Type Desc:	Supervisor
Entity Name:	Julie Pettijohn
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Technical Contact
Entity Name:	Joanne Wells
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	4087178762,

Affiliation Type Desc:	Parent Company
Entity Name:	WESTERN DIGITAL CORP
Entity Title:	Not reported
Affiliation Address:	5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95119
Affiliation Phone:	,

Affiliation Type Desc:	Company Official
Entity Name:	Denise Lloyd
Entity Title:	EHS Manager
Affiliation Address:	5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Company Official
Entity Name: Elizabeth Zimmermann
Entity Title: Director, Global EH&S
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Technical Contact
Entity Name: Marc Mitchell
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178286,

Name: WESTERN DIGITAL TECHNOLOGIES, INC
Address: 5601 GREAT OAKS PARKWAY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 122783
CERS ID: 95193BMXXX5600C
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: Eric Chodoroff
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Company
Entity Name: WESTERN DIGITAL CORP
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: DENISE LLOYD
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087176196,

Affiliation Type Desc: Public Contact
Entity Name: ELIZABETH ZIMMERMANN
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178168,

Affiliation Type Desc: Supervisor
Entity Name: Julie Pettijohn
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Technical Contact
Entity Name: Joanne Wells
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178762,

Affiliation Type Desc: Parent Company
Entity Name: WESTERN DIGITAL CORP
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Company Official
Entity Name: Denise Lloyd
Entity Title: EHS Manager
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Company Official
Entity Name: Elizabeth Zimmermann
Entity Title: Director, Global EH&S

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Address: 5601 GREAT OAKS PARKWAY. ENVIRMN DEPT
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: ,

Affiliation Type Desc: Technical Contact
Entity Name: Marc Mitchell
Entity Title: Not reported
Affiliation Address: 5601 GREAT OAKS PARKWAY. EHS DEPT. B050
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119
Affiliation Phone: 4087178286,

Name: WESTERN DIGITAL DRUPS
Address: 5601 GREAT OAKS PKWY
City,State,Zip: SAN JOSE, CA 95119
Site ID: 591815
CERS ID: 894573
CERS Description: Construction Storm Water

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2021
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Due to facility security restrictions, I was requested to schedule an inspection with the LRP. Email sent to LRP to schedule Site Inspection (08/20/2021).
Eval Division: Water Boards
Eval Program: CONSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2021
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: I made the following observations during the inspection: The project has not broken ground yet. Existing on site underground storm water collection system. No issues noted.
Eval Division: Water Boards
Eval Program: CONSTW
Eval Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Western Digital Technologies INC
Entity Title: Operator
Affiliation Address: 5601 Great Oaks Pkwy
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95119

WESTERN DIGITAL TECHNOLOGIES INC (Continued) **1008194745**

Affiliation Phone: ,

70
ENE
1/2-1
0.635 mi.
3353 ft.

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACIL **ENVIROSTOR** **S118466278**
6898 RALEIGH ROAD **VCP** **N/A**
SAN JOSE, CA 95123 **DEED**

Relative:
Higher

Actual:
201 ft.

ENVIROSTOR:

Name:	PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY
Address:	6898 RALEIGH ROAD
City,State,Zip:	SAN JOSE, CA 95123
Facility ID:	60002294
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/11/2017
Site Code:	202079
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	15.16
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Nicole Yuen
Supervisor:	Marikka Hughes
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	15
Special Program:	Voluntary Agreement - CLRRA
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Other Non-Military Funds
Latitude:	37.24505
Longitude:	-121.7868
APN:	70608021, 70608023, 70609118, 70654001, 70654002
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Dieldrin Endosulfan
Confirmed COC:	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Dieldrin Endosulfan
Potential Description:	SOIL
Alias Name:	70608021
Alias Type:	APN
Alias Name:	70608023
Alias Type:	APN
Alias Name:	70609118
Alias Type:	APN
Alias Name:	70654001
Alias Type:	APN
Alias Name:	70654002
Alias Type:	APN
Alias Name:	202079
Alias Type:	Project Code (Site Code)
Alias Name:	60002294
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/11/2021
Comments: Annual land use covenant inspection prepared by Kleinfelder on behalf of Costco affirming that none of the restrictions in the land use covenant have been violated.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/05/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for the current fiscal year.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate for fiscal year 2021-2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/10/2017
Comments: Because soil with arsenic concentrations above the specified cleanup goals remains in the consolidation cell beneath the warehouse building, a land use covenant between Costco and DTSC was executed that prohibits residences, hospitals, schools for persons under 18 years of age, and day care centers for children, and requires prior DTSC approval of a Soil Management Plan for soil disturbing activities in a limited portion of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/26/2016
Comments: DTSC letter to Santa Clara County, Department of Environmental Health and City of San Jose Department of Environmental Services and Department of Planning providing notification of the California Land

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Reuse and Revitalization Act Agreement between DTSC and Costco Wholesale Corporation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2016
Comments: Letter sent to project proponent providing notification that DTSC was determined to be the appropriate oversight agency for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for project activities scheduled for fiscal year 2016/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/11/2017
Comments: DTSC determined that all response actions, other than continued monitoring of compliance with the Land Use Covenant restrictions and requirements for a limited portion of the Site, have been satisfactorily completed in accordance with the Response Plan approved by DTSC on September 20, 2016. The Land Use Covenant covers a portion of the Site and prohibits residential use, hospitals, schools for persons under 18 years of age, and day care centers for children. DTSC approval of a Soil Management Plan is required prior to any soil disturbing activities in the restricted area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/13/2016
Comments: Costco Wholesale Corporation and DTSC entered into a California Land Reuse and Revitalization Act Agreement

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 09/21/2016
Comments: DTSC prepared a Statement of Findings documenting its finding that the proposed response action identified in the Response Plan will not result in significant and unavoidable effects to the environment. DTSC based its finding on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Use Project. DTSC filed a Notice of Determination with the State Clearinghouse after the project was approved on July 14, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/18/2016
Comments: DTSC approved Kleinfelder's request to use pre-excavation sampling to minimize handling and stockpiling of arsenic-impacted soil during implementation of the response action.

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/03/2016
Comments: Public notice notifying the public of the comment period on the Draft Response Plan. The public notice was published in the El Observador and the San Jose Post-Record newspaper on 8/12/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2016
Comments: A revised Phase I Environmental Assessment Report that was prepared for the Site was used to meet the requirement under the California Land Reuse and Revitalization Act (CLRRA) for completing an All Appropriate Inquiries report and was used as the basis for DTSC's determination in Section 3.2 of the CLRRA Agreement that the Site is an eligible site under CLRRA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 09/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/04/2016
Comments: The work notice was distributed to the inform the community of the work to take place at the site as part of implementation of the Final Response Plan. The work notice was prepared in English and Spanish sent to individuals and organizations on the mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/09/2016
Comments: Per a phone call with Paolo Dizon from Kleinfelder, the Site environmental consultant, excavation and consolidation of soil within consolidation cell that was done in accordance with the DTSC-approved Response Plan was finished by 12/9/2016.

Completed Area Name: PROJECT WIDE

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/04/2016
Comments: A Community Profile was prepared to help determine potential community interest in the investigation and cleanup activities at the site and describes the demographics of the community. This project uses the Community Profile from the adjacent Great Oaks Mixed Use Project site, which has the same owner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/03/2016
Comments: The fact sheet describes the site and the proposed response action and announces the public comment period for the Draft Response Plan. Contact information for the DTSC project manager and public participation specialist are included in the fact sheet should the public have questions or comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 01/20/2016
Comments: Request for Agency Oversight Application

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY
Address: 6898 RALEIGH ROAD
City,State,Zip: SAN JOSE, CA 95123
Facility ID: 60002294
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 15.16
National Priorities List: NO

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nicole Yuen
Supervisor:	Marikka Hughes
Division Branch:	Cleanup Berkeley
Site Code:	202079
Assembly:	25
Senate:	15
Special Programs Code:	Voluntary Agreement - CLRRA
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/11/2017
Restricted Use:	YES
Funding:	Other Non-Military Funds
Lat/Long:	37.24505 / -121.7868
APN:	70608021, 70608023, 70609118, 70654001, 70654002
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	30001, 30005, 30006, 30007, 30008, 30010, 30207, 30261
Confirmed COC:	30001,30005,30006,30007,30008,30010,30207,30261
Potential Description:	SOIL
Alias Name:	70608021
Alias Type:	APN
Alias Name:	70608023
Alias Type:	APN
Alias Name:	70609118
Alias Type:	APN
Alias Name:	70654001
Alias Type:	APN
Alias Name:	70654002
Alias Type:	APN
Alias Name:	202079
Alias Type:	Project Code (Site Code)
Alias Name:	60002294
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/11/2021
Comments:	Annual land use covenant inspection prepared by Kleinfelder on behalf of Costco affirming that none of the restrictions in the land use covenant have been violated.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/02/2020
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/05/2022
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for the current fiscal year.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate for fiscal year 2021-2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/10/2017
Comments: Because soil with arsenic concentrations above the specified cleanup goals remains in the consolidation cell beneath the warehouse building, a land use covenant between Costco and DTSC was executed that prohibits residences, hospitals, schools for persons under 18 years of age, and day care centers for children, and requires prior DTSC approval of a Soil Management Plan for soil disturbing activities in a limited portion of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/26/2016
Comments: DTSC letter to Santa Clara County, Department of Environmental Health and City of San Jose Department of Environmental Services and Department of Planning providing notification of the California Land Reuse and Revitalization Act Agreement between DTSC and Costco Wholesale Corporation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2016
Comments: Letter sent to project proponent providing notification that DTSC was determined to be the appropriate oversight agency for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: DTSC letter with oversight cost estimate for project activities scheduled for fiscal year 2016/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/11/2017

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Comments: DTSC determined that all response actions, other than continued monitoring of compliance with the Land Use Covenant restrictions and requirements for a limited portion of the Site, have been satisfactorily completed in accordance with the Response Plan approved by DTSC on September 20, 2016. The Land Use Covenant covers a portion of the Site and prohibits residential use, hospitals, schools for persons under 18 years of age, and day care centers for children. DTSC approval of a Soil Management Plan is required prior to any soil disturbing activities in the restricted area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/13/2016
Comments: Costco Wholesale Corporation and DTSC entered into a California Land Reuse and Revitalization Act Agreement

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 09/21/2016
Comments: DTSC prepared a Statement of Findings documenting its finding that the proposed response action identified in the Response Plan will not result in significant and unavoidable effects to the environment. DTSC based its finding on the City of San Jose's Environmental Impact Report for the Great Oaks Mixed Use Project. DTSC filed a Notice of Determination with the State Clearinghouse after the project was approved on July 14, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/18/2016
Comments: DTSC approved Kleinfelder's request to use pre-excavation sampling to minimize handling and stockpiling of arsenic-impacted soil during implementation of the response action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2017
Comments: DTSC annual oversight cost estimate letter for fiscal year 2017/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: The letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/03/2016
Comments: Public notice notifying the public of the comment period on the Draft Response Plan. The public notice was published in the El Observador and the San Jose Post-Record newspaper on 8/12/2016.

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2016
Comments: A revised Phase I Environmental Assessment Report that was prepared for the Site was used to meet the requirement under the California Land Reuse and Revitalization Act (CLRRA) for completing an All Appropriate Inquiries report and was used as the basis for DTSC's determination in Section 3.2 of the CLRRA Agreement that the Site is an eligible site under CLRRA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 09/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/04/2016
Comments: The work notice was distributed to the inform the community of the work to take place at the site as part of implementation of the Final Response Plan. The work notice was prepared in English and Spanish sent to individuals and organizations on the mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/09/2016
Comments: Per a phone call with Paolo Dizon from Kleinfelder, the Site environmental consultant, excavation and consolidation of soil within consolidation cell that was done in accordance with the DTSC-approved Response Plan was finished by 12/9/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/04/2016
Comments: A Community Profile was prepared to help determine potential community interest in the investigation and cleanup activities at the site and describes the demographics of the community. This project uses the Community Profile from the adjacent Great Oaks Mixed Use Project site, which has the same owner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/03/2016
Comments: The fact sheet describes the site and the proposed response action and announces the public comment period for the Draft Response Plan.

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY (Continued) **S118466278**

Contact information for the DTSC project manager and public participation specialist are included in the fact sheet should the public have questions or comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 01/20/2016
Comments: Request for Agency Oversight Application

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY
Address: 6898 RALEIGH ROAD
City,State,Zip: SAN JOSE, CA 95123
Envirostor ID: 60002294
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

71
ESE
1/2-1
0.711 mi.
3756 ft.

EXSIL, INC. **ENVIROSTOR** **S110493835**
6541 VIA DEL ORO #C **N/A**
SAN JOSE, CA 95119

Relative:
Higher

Actual:
204 ft.

ENVIROSTOR:
Name: EXSIL, INC.
Address: 6541 VIA DEL ORO #C
City,State,Zip: SAN JOSE, CA 95119
Facility ID: 71002463
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported

EXSIL, INC. (Continued) **S110493835**

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 28
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.23529
Longitude: -121.7854
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD055482822
Alias Type: EPA Identification Number
Alias Name: 110001190201
Alias Type: EPA (FRS #)
Alias Name: 71002463
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

72
ESE
1/2-1
0.852 mi.
4501 ft.

CYBERNEX ADVANCED STORAGE TECH
6580-B VIA DEL ORO
SAN JOSE, CA 95119

RCRA-SQG **1000217105**
ENVIROSTOR **CAD981991136**
CPS-SLIC
HIST UST

Relative:
Higher

Actual:
205 ft.

RCRA Listings:
Date Form Received by Agency: 19870309
Handler Name: Cybernex Advanced Storage Tech
Handler Address: VIA DEL ORO
Handler City,State,Zip: SAN JOSE, CA 95119
EPA ID: CAD981991136
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 6580 B VIA DEL ORO
Contact City,State,Zip: SAN JOSE, CA 95119

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Contact Telephone:	408-224-8030
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	2
Mailing Address:	VIA DEL ORO
Mailing City,State,Zip:	SAN JOSE, CA 95119
Owner Name:	Sobrato Interests
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOBRATO INTERESTS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19870309
Handler Name: CYBERNEX ADVANCED STORAGE TECH
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Name: CANDESCENT TECHNOLOGIES CORP., SAN JOSE
Address: 6580 VIA DEL ORO
City,State,Zip: SAN JOSE, CA 95119
Facility ID: 71003064
Status: Refer: Local Agency
Status Date: 07/31/2018
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 4.75
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay, CITY OF SAN JOSE
Lead Agency: CITY OF SAN JOSE
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 28
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.23533
Longitude: -121.7822
APN: 70609096
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Dastek
Alias Type: Alternate Name
Alias Name: 70609096
Alias Type: APN
Alias Name: CAD982474645
Alias Type: EPA Identification Number
Alias Name: T0608591682
Alias Type: GeoTracker Global ID
Alias Name: T0608591792
Alias Type: GeoTracker Global ID
Alias Name: 71003064
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

CPS-SLIC:

Name:	DASTEK
Address:	6580 VIA DEL ORO
City,State,Zip:	SAN JOSE, CA 95119
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/17/2009
Global Id:	T0608591682
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.2352409923095
Longitude:	-121.782227533798
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	43S0764
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Acetone
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	10/08/1987
Leak Reported Date:	10/23/1987
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/17/2009
CA Water Watershed Name:	Santa Clara - Guadalupe River (205.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	36-40%
CA Enviroscreen 4 Score:	40-45%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	On 6/1/2012, Geologica submitted a closure request. On 6/12/2012, the case status was changed to closed based on this closure request including soil gas sampling in 1987 and soil sampling in 2003.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	CYBERNEX CORP
Address:	6580 VIA DEL ORO
City,State,Zip:	SAN JOSE, CA 95119
File Number:	0002d221
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002d221.pdf
Region:	STATE
Facility ID:	00000004604
Facility Type:	Other
Other Type:	MANUFACTURING

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Contact Name:	JAMES H. WILLIAMS
Telephone:	4082248010
Owner Name:	CYBERNEX CORP.
Owner Address:	6580 VIA DEL ORO
Owner City,St,Zip:	SAN JOSE, CA 95119
Total Tanks:	0006
Tank Num:	001
Container Num:	FACILITY J
Year Installed:	1982
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	FACILITY K
Year Installed:	1982
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	003
Container Num:	FACILITY L
Year Installed:	1982
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	004
Container Num:	FACILITY J
Year Installed:	1982
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	005
Container Num:	FACILITY K
Year Installed:	1982
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	006
Container Num:	FACILITY L
Year Installed:	1982
Tank Capacity:	00000000
Tank Used for:	WASTE

CYBERNEX ADVANCED STORAGE TECH (Continued) **1000217105**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

73
ESE
1/2-1
0.906 mi.
4786 ft.

STION CORPORATION
6321 SAN IGNACIO AVENUE
SAN JOSE, CA 95119

ENVIROSTOR **S121472062**
CUPA Listings **N/A**
HAZMAT

Relative:
Higher

Actual:
208 ft.

ENVIROSTOR:
Name: STION CORPORATION
Address: 6321 SAN IGNACIO AVENUE
City,State,Zip: SAN JOSE, CA 95119
Facility ID: 60002938
Status: Active
Status Date: 01/28/2020
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 28
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.23896
Longitude: -121.7790
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60002938
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/28/2020
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

STION CORPORATION (Continued) **S121472062**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CUPA SANTA CLARA:
Name: AVNET
Address: 6321 SAN IGNACIO AV
City,State,Zip: SAN JOSE, CA 95119
Region: SANTA CLARA
Telephone: 4083604000
UDF Email: Not reported
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.237436
Longitude: -121.780749
Record ID: PR0369356
Facility ID: FA0252091

SAN JOSE HAZMAT:
Name: OUT OF BUSINESS (STION INC)
Address: 6321 SAN IGNACIO AV
City,State,Zip: SAN JOSE, CA 95119
Region: SAN JOSE
File Num: 411798
Class: Misc. Complex firms and labs

Count: 0 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/25/2023
Date Data Arrived at EDR: 09/26/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/20/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/10/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/01/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/22/2023
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50
Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/27/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/19/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98
Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89
Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/21/2023
Number of Days to Update: 83

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2023
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 75

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/17/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 75

Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 78
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/31/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 80
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/02/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/07/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 11/16/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/27/2023
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/12/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 82

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/20/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 77

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 08/02/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/12/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 76

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 13

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/03/2023
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 10/06/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2023
Date Data Arrived at EDR: 10/09/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 12/01/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 12/14/2023
Number of Days to Update: 1

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 80

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/25/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/09/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 12

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/18/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 76

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/09/2023
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/07/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/07/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/02/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 78

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/12/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 07/20/2023
Date Made Active in Reports: 10/03/2023
Number of Days to Update: 75
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 80
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 09/06/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 83
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/21/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 77

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

6120 LISKA LANE
6120 LISKA LANE
SAN JOSE, CA 95119

TARGET PROPERTY COORDINATES

Latitude (North):	37.240229 - 37° 14' 24.82''
Longitude (West):	121.797615 - 121° 47' 51.41''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606650.7
UTM Y (Meters):	4121995.8
Elevation:	195 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50003411 SANTA TERESA HILLS, CA
Version Date:	2021
North Map:	50003394 SAN JOSE EAST, CA
Version Date:	2021

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

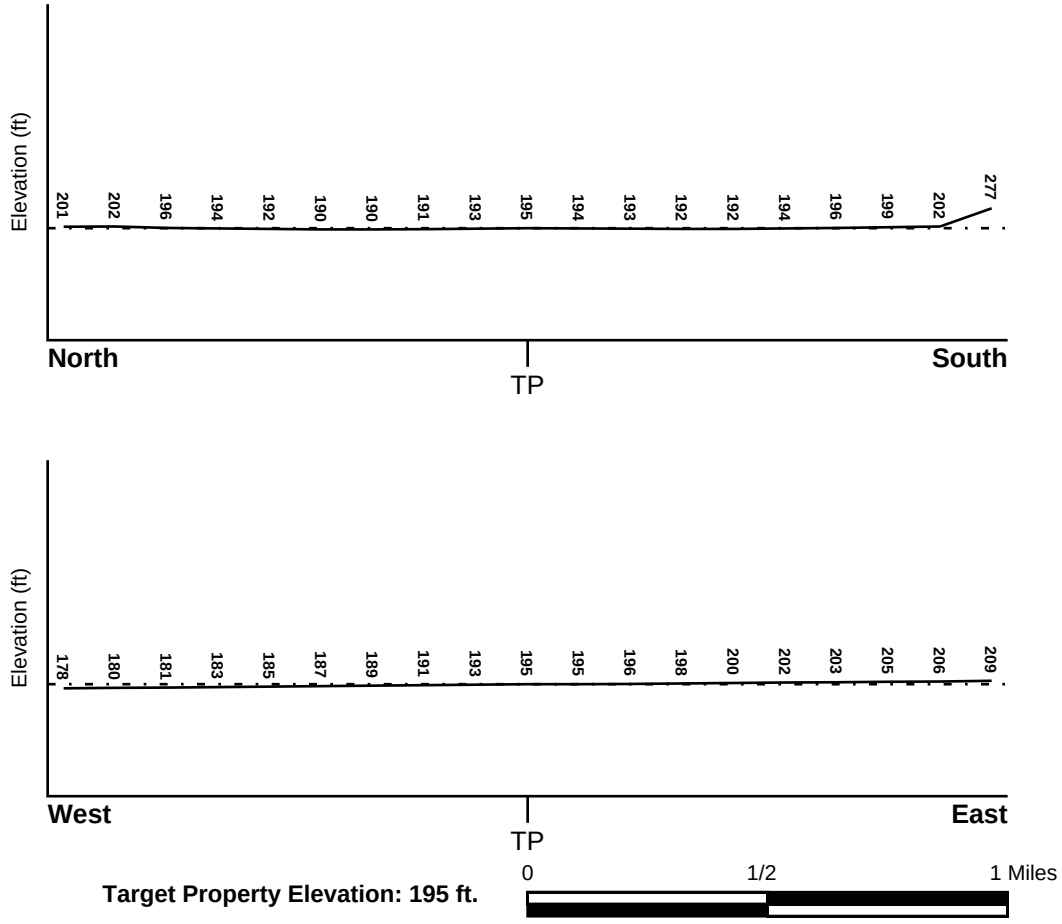
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06085C0406H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06085C0268H	FEMA FIRM Flood data
06085C0402H	FEMA FIRM Flood data
06085C0407H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SANTA TERESA HILLS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Mesozoic
Code:	uMze*(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	BOTELLA
Soil Surface Texture:	clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G15	USGS40000181708	1/4 - 1/2 Mile WSW
AT223	USGS40000181742	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADDW0000019611	0 - 1/8 Mile SW
A2	CALLNL000001234	0 - 1/8 Mile SW
3	CADWR9000034374	0 - 1/8 Mile South
B4	CAEDF0000120279	1/8 - 1/4 Mile North
B5	CAEDF0000051306	1/8 - 1/4 Mile NNW
C6	CADDW0000001665	1/8 - 1/4 Mile WNW
C7	CALLNL000000258	1/8 - 1/4 Mile WNW
8	CADWR9000034377	1/8 - 1/4 Mile ESE
D9	CAEDF0000080941	1/8 - 1/4 Mile NW
E10	CAEDF0000055791	1/8 - 1/4 Mile North
F11	CAEDF0000085315	1/4 - 1/2 Mile ENE
F12	CAEDF0000035702	1/4 - 1/2 Mile ENE
G13	CADDW0000011302	1/4 - 1/2 Mile WSW
G14	CALLNL000001347	1/4 - 1/2 Mile WSW
G16	CAUSGSN00014183	1/4 - 1/2 Mile WSW
E17	CAEDF0000072142	1/4 - 1/2 Mile North
H18	CAEDF0000010965	1/4 - 1/2 Mile NNE
D19	CAEDF0000085857	1/4 - 1/2 Mile NW
F20	CAEDF0000138604	1/4 - 1/2 Mile ENE
I21	CAEDF0000052940	1/4 - 1/2 Mile NE
I22	CAEDF0000141042	1/4 - 1/2 Mile NE
J23	CADDW0000005770	1/4 - 1/2 Mile SE
J24	CALLNL000000872	1/4 - 1/2 Mile SE
J25	CADWR9000034369	1/4 - 1/2 Mile SE
G26	CAEDF0000053792	1/4 - 1/2 Mile WSW
G27	CAEDF0000005136	1/4 - 1/2 Mile WSW
H28	CAEDF0000079473	1/4 - 1/2 Mile NNE
I29	CAEDF0000033045	1/4 - 1/2 Mile NNE
30	CADWR0000021665	1/4 - 1/2 Mile West
K31	CAEDF0000128569	1/4 - 1/2 Mile WSW
K32	CADDW0000001108	1/4 - 1/2 Mile WSW
K33	CAEDF0000014180	1/4 - 1/2 Mile WSW
K34	CAEDF0000125227	1/4 - 1/2 Mile WSW
K35	CAEDF0000000217	1/4 - 1/2 Mile WSW
K36	CAEDF0000063450	1/4 - 1/2 Mile WSW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K37	CAEDF0000058956	1/4 - 1/2 Mile WSW
K38	CAEDF0000051684	1/4 - 1/2 Mile WSW
K39	CAEDF0000083873	1/4 - 1/2 Mile WSW
K40	CAEDF0000005700	1/4 - 1/2 Mile WSW
K41	CAEDF0000093154	1/4 - 1/2 Mile WSW
42	CAEDF0000072141	1/4 - 1/2 Mile NNE
K43	CAEDF0000109308	1/4 - 1/2 Mile SW
L44	CAEDF0000069866	1/4 - 1/2 Mile SW
L45	CAEDF0000123114	1/4 - 1/2 Mile SW
L46	CAEDF0000036530	1/4 - 1/2 Mile SW
L47	CAEDF0000077097	1/4 - 1/2 Mile SW
L48	CAEDF0000059893	1/4 - 1/2 Mile SW
49	CAEDF0000120131	1/4 - 1/2 Mile NNW
L50	CAEDF0000058885	1/4 - 1/2 Mile SW
L51	CAEDF0000085717	1/4 - 1/2 Mile SW
L52	CAEDF0000017821	1/4 - 1/2 Mile SW
L53	CAEDF0000053390	1/4 - 1/2 Mile SW
L54	CAEDF0000036220	1/4 - 1/2 Mile SW
K55	CAEDF0000070578	1/4 - 1/2 Mile WSW
L56	CAEDF0000099372	1/4 - 1/2 Mile SW
L57	CAEDF0000022766	1/4 - 1/2 Mile SW
L58	CAEDF0000139718	1/4 - 1/2 Mile SW
L59	CAEDF0000079864	1/4 - 1/2 Mile SW
L60	CAEDF0000078530	1/4 - 1/2 Mile SW
L61	CAEDF0000009809	1/4 - 1/2 Mile SW
L62	CAEDF0000068867	1/4 - 1/2 Mile SW
L63	CAEDF0000066387	1/4 - 1/2 Mile SW
L64	CAEDF0000103178	1/4 - 1/2 Mile SW
L65	CAEDF0000038073	1/4 - 1/2 Mile SW
L66	CAEDF0000089598	1/4 - 1/2 Mile SW
L67	CAEDF0000036068	1/4 - 1/2 Mile SW
L68	CAEDF0000102869	1/4 - 1/2 Mile SW
L69	CAEDF0000018672	1/4 - 1/2 Mile SW
L70	CAEDF0000073378	1/4 - 1/2 Mile SW
L71	CAEDF0000087792	1/4 - 1/2 Mile SW
L72	CAEDF0000041474	1/4 - 1/2 Mile SW
M73	CAEDF0000077312	1/4 - 1/2 Mile NW
L74	CAEDF0000038381	1/4 - 1/2 Mile SW
75	CAEDF0000015448	1/4 - 1/2 Mile WSW
L76	CAEDF0000077843	1/4 - 1/2 Mile SW
L77	CAEDF0000033200	1/4 - 1/2 Mile SW
L78	CAEDF0000019635	1/4 - 1/2 Mile SW
L79	CAEDF0000068869	1/4 - 1/2 Mile SW
L80	CAEDF0000105244	1/4 - 1/2 Mile SW
N81	CAEDF0000139168	1/4 - 1/2 Mile North
M82	CAEDF0000004392	1/4 - 1/2 Mile NW
O83	CAEDF0000013987	1/4 - 1/2 Mile NNW
N84	CAEDF0000080235	1/4 - 1/2 Mile North
N85	CAEDF0000067164	1/4 - 1/2 Mile North
N86	CAEDF0000077696	1/4 - 1/2 Mile North
N87	CAEDF0000078303	1/4 - 1/2 Mile North
N88	CAEDF0000018382	1/4 - 1/2 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
O89	CAEDF0000114616	1/4 - 1/2 Mile NNW
90	CAEDF0000047221	1/2 - 1 Mile North
N91	CAEDF0000009631	1/2 - 1 Mile North
N92	CAEDF0000033807	1/2 - 1 Mile North
P93	8548	1/2 - 1 Mile SSW
P94	8589	1/2 - 1 Mile SSW
P95	8590	1/2 - 1 Mile SSW
N96	CAEDF0000013106	1/2 - 1 Mile North
Q97	CAEDF0000098993	1/2 - 1 Mile NNE
Q98	CAEDF0000051682	1/2 - 1 Mile NNE
Q99	CADDW0000022644	1/2 - 1 Mile NNE
R100	CAEDF0000075993	1/2 - 1 Mile NNW
O101	CAEDF0000043916	1/2 - 1 Mile NNW
S102	CAEDF0000092770	1/2 - 1 Mile NE
S103	CAEDF0000042627	1/2 - 1 Mile NE
T104	CAEDF0000095512	1/2 - 1 Mile North
U105	CAEDF0000090781	1/2 - 1 Mile NW
Q106	CAEDF0000051301	1/2 - 1 Mile NNE
V107	CAEDF0000024381	1/2 - 1 Mile North
U108	CAEDF0000037318	1/2 - 1 Mile NW
T109	CAEDF0000102726	1/2 - 1 Mile North
Q110	CADDW0000018929	1/2 - 1 Mile NNE
U111	CAEDF0000130274	1/2 - 1 Mile NW
U112	CAEDF0000092771	1/2 - 1 Mile NNW
W113	CAEDF0000037315	1/2 - 1 Mile ENE
Q114	CAEDF0000038769	1/2 - 1 Mile NNE
Q115	CAEDF0000097685	1/2 - 1 Mile NNE
Q116	CADDW0000017706	1/2 - 1 Mile NNE
R117	CAEDF0000085856	1/2 - 1 Mile NNW
W118	CAEDF0000035760	1/2 - 1 Mile ENE
W119	CAEDF0000061275	1/2 - 1 Mile ENE
R120	CAEDF0000063452	1/2 - 1 Mile NNW
X121	CAEDF0000136109	1/2 - 1 Mile NNW
V122	CAEDF0000090548	1/2 - 1 Mile NNE
Y123	19813	1/2 - 1 Mile NNE
Y124	19812	1/2 - 1 Mile NNE
Y125	8577	1/2 - 1 Mile NNE
Y126	19814	1/2 - 1 Mile NNE
V127	CAEDF0000021723	1/2 - 1 Mile North
Y128	CAEDF0000099306	1/2 - 1 Mile NNE
Z129	CAEDF0000074374	1/2 - 1 Mile NE
AA130	CAEDF0000070577	1/2 - 1 Mile North
Y131	CAEDF0000055407	1/2 - 1 Mile NNE
X132	CAEDF0000081322	1/2 - 1 Mile NNW
Z133	19815	1/2 - 1 Mile NE
Z134	8578	1/2 - 1 Mile NE
Z135	CAEDF0000040829	1/2 - 1 Mile NE
AB136	CAEDF0000132536	1/2 - 1 Mile North
AA137	CAEDF0000057259	1/2 - 1 Mile North
AC138	CAEDF0000121886	1/2 - 1 Mile NNE
AD139	CAEDF0000062984	1/2 - 1 Mile NNW
Y140	CAEDF0000076134	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

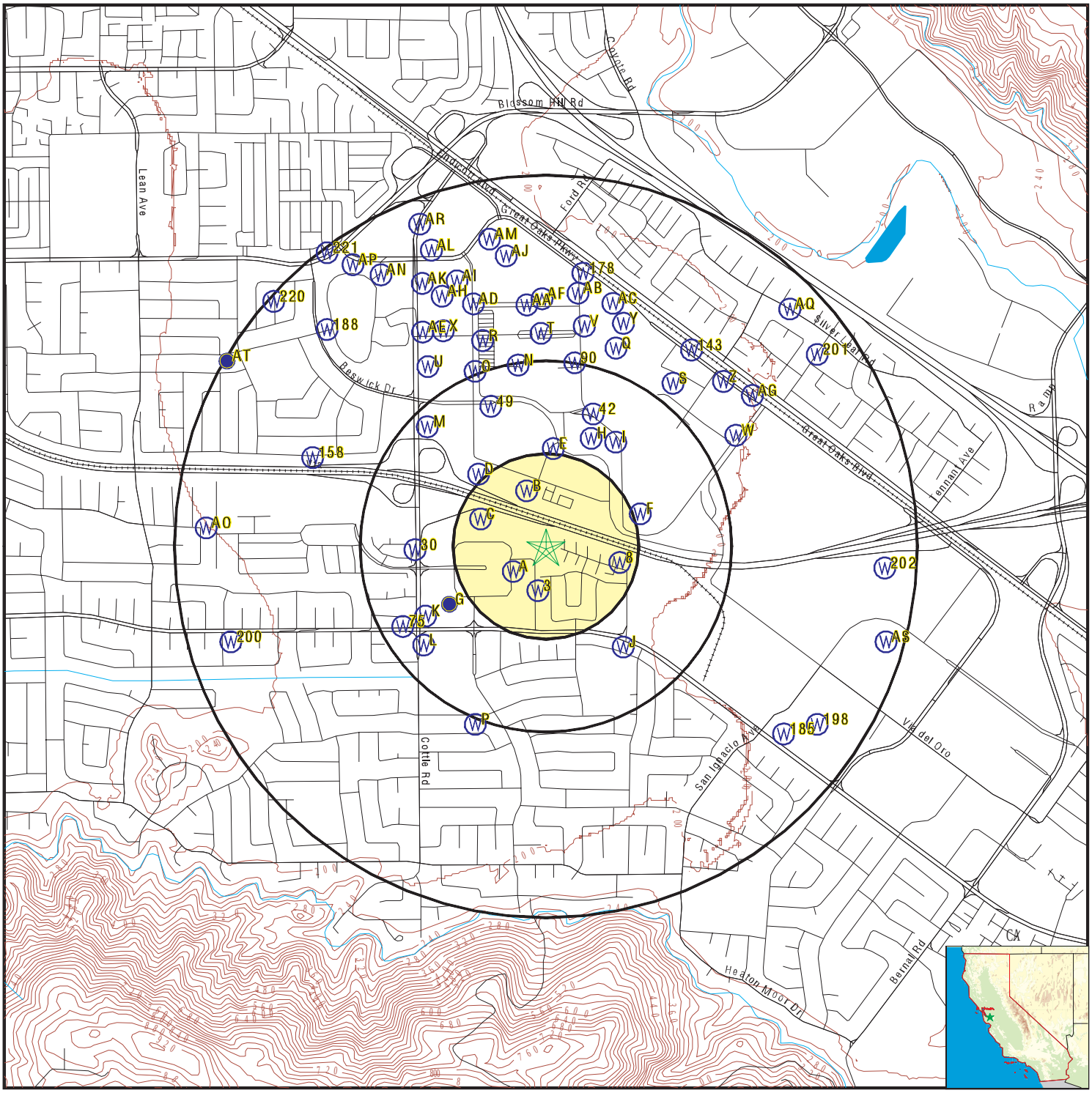
MAP ID	WELL ID	LOCATION FROM TP
Y141	CAEDF0000047085	1/2 - 1 Mile NNE
Y142	CAEDF0000087412	1/2 - 1 Mile NNE
143	CAEDF0000077163	1/2 - 1 Mile NE
AE144	CAEDF0000092769	1/2 - 1 Mile NNW
AA145	CAEDF0000140563	1/2 - 1 Mile North
AA146	CAEDF0000102394	1/2 - 1 Mile North
AA147	CAEDF0000073522	1/2 - 1 Mile North
X148	CAEDF0000074370	1/2 - 1 Mile NNW
AE149	CAEDF0000052939	1/2 - 1 Mile NNW
AC150	CAEDF0000075767	1/2 - 1 Mile NNE
Z151	CAEDF0000092154	1/2 - 1 Mile NE
AB152	CAEDF0000095215	1/2 - 1 Mile North
Z153	CAEDF0000106433	1/2 - 1 Mile NE
AF154	CAEDF0000097937	1/2 - 1 Mile North
AF155	CAEDF0000082185	1/2 - 1 Mile North
AC156	CAEDF0000005514	1/2 - 1 Mile NNE
X157	CAEDF0000074768	1/2 - 1 Mile NNW
158	CADWR0000032571	1/2 - 1 Mile WNW
Z159	CAEDF0000093726	1/2 - 1 Mile NE
Z160	CADDW0000004549	1/2 - 1 Mile NE
AE161	CAEDF0000122872	1/2 - 1 Mile NNW
AG162	CAEDF0000063423	1/2 - 1 Mile NE
AG163	CADDW0000016253	1/2 - 1 Mile NE
Y164	CAEDF0000033575	1/2 - 1 Mile NNE
AG165	CADDW0000002574	1/2 - 1 Mile NE
AB166	CAEDF0000096334	1/2 - 1 Mile North
AG167	CAEDF0000072349	1/2 - 1 Mile ENE
AH168	CAEDF0000135549	1/2 - 1 Mile NNW
AC169	CAEDF0000096171	1/2 - 1 Mile NNE
AC170	CAEDF0000068475	1/2 - 1 Mile NNE
AB171	CAEDF0000141184	1/2 - 1 Mile North
AD172	CAEDF0000004674	1/2 - 1 Mile NNW
AH173	CAEDF0000016119	1/2 - 1 Mile NNW
AB174	CAEDF0000037548	1/2 - 1 Mile North
AH175	CAEDF0000085859	1/2 - 1 Mile NNW
AI176	CAEDF0000108527	1/2 - 1 Mile NNW
AH177	CAEDF0000118865	1/2 - 1 Mile NNW
178	CAEDF0000042490	1/2 - 1 Mile North
AJ179	CADWR0000011812	1/2 - 1 Mile North
AH180	CAEDF0000095217	1/2 - 1 Mile NNW
AJ181	CAEDF0000070799	1/2 - 1 Mile North
AI182	CAEDF0000022575	1/2 - 1 Mile NNW
AK183	CAEDF0000045983	1/2 - 1 Mile NNW
AK184	CAEDF0000067011	1/2 - 1 Mile NNW
185	CADWR0000016539	1/2 - 1 Mile SE
AJ186	CAEDF0000052795	1/2 - 1 Mile North
AJ187	CAEDF0000031337	1/2 - 1 Mile North
188	CAEDF0000009048	1/2 - 1 Mile NW
AL189	CAEDF0000105611	1/2 - 1 Mile NNW
AM190	CAEDF0000101305	1/2 - 1 Mile North
AM191	CAEDF0000088793	1/2 - 1 Mile NNW
AM192	CAEDF0000117746	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AN193	CAEDF0000114257	1/2 - 1 Mile NNW
AL194	CAEDF0000131624	1/2 - 1 Mile NNW
AN195	CAEDF0000130979	1/2 - 1 Mile NNW
AL196	CAEDF0000031336	1/2 - 1 Mile NNW
AN197	CAEDF0000048008	1/2 - 1 Mile NNW
198	8591	1/2 - 1 Mile ESE
AL199	CAEDF0000010577	1/2 - 1 Mile NNW
200	CADWR0000020569	1/2 - 1 Mile WSW
201	8579	1/2 - 1 Mile NE
202	8583	1/2 - 1 Mile East
AO203	CADDW0000020868	1/2 - 1 Mile West
AP204	CAEDF0000036524	1/2 - 1 Mile NW
AP205	CAEDF0000052862	1/2 - 1 Mile NW
AQ206	CALLNL000000448	1/2 - 1 Mile NE
AQ207	CADDW0000002889	1/2 - 1 Mile NE
AO208	CALLNL000000621	1/2 - 1 Mile West
AR209	CAEDF0000101547	1/2 - 1 Mile NNW
AR210	CAEDF0000131274	1/2 - 1 Mile NNW
AP211	CAEDF0000106291	1/2 - 1 Mile NW
AR212	CAEDF0000022673	1/2 - 1 Mile NNW
AR213	CAEDF0000085251	1/2 - 1 Mile NNW
AR214	CAEDF0000050464	1/2 - 1 Mile NNW
AR215	CAEDF0000033044	1/2 - 1 Mile NNW
AR216	CAEDF0000141898	1/2 - 1 Mile NNW
AS217	CADWR0000025352	1/2 - 1 Mile ESE
AS218	CADWR0000012287	1/2 - 1 Mile ESE
AT219	CADDW0000013435	1/2 - 1 Mile WNW
220	CAEDF0000011940	1/2 - 1 Mile NW
221	CAEDF0000114641	1/2 - 1 Mile NW
AT222	CAUSGSN00019034	1/2 - 1 Mile WNW
AT224	CALLNL000001409	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 7533641.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 6120 Liska Lane	CLIENT: Langan
ADDRESS: 6120 Liska Lane San Jose CA 95119	CONTACT: Peter Cusack INQUIRY #: 7533641.2s
LAT/LONG: 37.240229 / 121.797615	DATE: January 04, 2024 1:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SW
0 - 1/8 Mile
Lower

CA WELLS **CADDW0000019611**

Well ID:	4310022-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 11	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-010&store_num=		
GeoTracker Data:	Not Reported		

A2
SW
0 - 1/8 Mile
Lower

CA WELLS **CALLNL000001234**

Well ID:	101007	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18E10 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000325681
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Krypton	Results:	.0000000792914
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Tritium (Hydrogen 3)	Results:	15.65
Units:	pCi/L	Date:	06/10/2002
Chemical:	Argon	Results:	.000405296
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Xenon	Results:	.0000000113377
Units:	cm3STP/g	Date:	02/15/2002
Chemical:	Helium-3/Helium-4	Results:	.00000144638
Units:	atom ratio	Date:	02/15/2002
Chemical:	Helium-4	Results:	.0000000635441
Units:	cm3STP/g	Date:	02/15/2002

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

3
South
0 - 1/8 Mile
Higher

CA WELLS **CADWR9000034374**

State Well #:	08S02E18F016M	Station ID:	47674
Well Name:	08S02E18F016	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	179	Well Completion Rpt #:	274887

B4
North
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000120279**

Well ID:	SL720561211-A-50	Well Type:	MONITORING
Source:	EDF	Other Name:	A-50
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-50&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-50		

B5
NNW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000051306**

Well ID:	SL720561211-C-18	Well Type:	MONITORING
Source:	EDF	Other Name:	C-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-18		

C6
WNW
1/8 - 1/4 Mile
Lower

CA WELLS **CADDW0000001665**

Well ID:	4310022-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 10 S TER HOSP	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-009&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C7
WNW
1/8 - 1/4 Mile
Lower

CA WELLS **CALLNL000000258**

Well ID:	101006	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18D10 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Tritium (Hydrogen 3)	Results:	4.56
Units:	pCi/L	Date:	04/25/2002

Chemical:	Neon	Results:	.000000304683
Units:	cm3STP/g	Date:	02/05/2002

Chemical:	Xenon	Results:	.00000000900218
Units:	cm3STP/g	Date:	02/05/2002

Chemical:	Helium-3/Helium-4	Results:	.00000150264
Units:	atom ratio	Date:	02/05/2002

Chemical:	Argon	Results:	.000403348
Units:	cm3STP/g	Date:	02/05/2002

Chemical:	Helium-4	Results:	.0000000765131
Units:	cm3STP/g	Date:	02/05/2002

Chemical:	Krypton	Results:	.0000000721662
Units:	cm3STP/g	Date:	02/05/2002

8
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR9000034377**

State Well #:	08S02E18G010M	Station ID:	47675
Well Name:	08S02E18G010	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	178	Well Completion Rpt #:	266864

D9
NW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000080941**

Well ID:	SL720561211-A-51	Well Type:	MONITORING
Source:	EDF	Other Name:	A-51

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-51&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-51

E10
North
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000055791**

Well ID: SL720561211-FELICE
Well Type: MONITORING
Source: EDF
Other Name: FELICE
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=FELICE&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=FELICE

F11
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000085315**

Well ID: SL720561211-B-47
Well Type: MONITORING
Source: EDF
Other Name: B-47
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-47&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-47

F12
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000035702**

Well ID: SL720561211-C-21
Well Type: MONITORING
Source: EDF
Other Name: C-21
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-21&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-21

G13
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000011302**

Well ID: 4310022-011
Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 12
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-011&store_num=

GeoTracker Data: Not Reported

G14
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CALLNL000001347**

Well ID:	101070	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18E11 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000349315
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Krypton	Results:	.0000000870057
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Xenon	Results:	.0000000113462
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Helium-3/Helium-4	Results:	.00000148809
Units:	atom ratio	Date:	03/14/2002
Chemical:	Tritium (Hydrogen 3)	Results:	12.45
Units:	pCi/L	Date:	02/25/2002
Chemical:	Helium-4	Results:	.0000000769487
Units:	cm3STP/g	Date:	03/14/2002
Chemical:	Argon	Results:	.000409739
Units:	cm3STP/g	Date:	03/14/2002

G15
WSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000181708**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	008S002E18E011M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19721215	Well Depth:	187
Well Depth Units:	ft	Well Hole Depth:	220
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G16
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAUSGSN00014183**

Well ID:	USGS-371417121480701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-371417121480701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-371417121480701&store_num=		
GeoTracker Data:	Not Reported		

E17
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000072142**

Well ID:	SL720561211-A-42	Well Type:	MONITORING
Source:	EDF	Other Name:	A-42
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-42&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-42		

H18
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000010965**

Well ID:	SL720561211-C-16	Well Type:	MONITORING
Source:	EDF	Other Name:	C-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-16		

D19
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000085857**

Well ID:	SL720561211-RUBINO	Well Type:	MONITORING
Source:	EDF	Other Name:	RUBINO
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RUBINO&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RUBINO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F20
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000138604**

Well ID:	SL720561211-A-49	Well Type:	MONITORING
Source:	EDF	Other Name:	A-49
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-49&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-49		

I21
NE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000052940**

Well ID:	SL720561211-A-35	Well Type:	MONITORING
Source:	EDF	Other Name:	A-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-35		

I22
NE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000141042**

Well ID:	SL720561211-A-66	Well Type:	MONITORING
Source:	EDF	Other Name:	A-66
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-66&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-66		

J23
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000005770**

Well ID:	4310022-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04 SANTA TERESA	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-004&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J24
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CALLNL000000872**

Well ID:	101008	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-18K10 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-3/Helium-4	Results:	.00000152572
Units:	atom ratio	Date:	02/15/2002

Chemical:	Tritium (Hydrogen 3)	Results:	13.52
Units:	pCi/L	Date:	04/22/2002

Chemical:	Krypton	Results:	.0000000802012
Units:	cm3STP/g	Date:	02/15/2002

Chemical:	Helium-4	Results:	.0000000652937
Units:	cm3STP/g	Date:	02/15/2002

Chemical:	Argon	Results:	.00040011
Units:	cm3STP/g	Date:	02/15/2002

Chemical:	Neon	Results:	.000000307698
Units:	cm3STP/g	Date:	02/15/2002

Chemical:	Xenon	Results:	.0000000118217
Units:	cm3STP/g	Date:	02/15/2002

J25
SE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000034369**

State Well #:	08S02E18L001M	Station ID:	47676
Well Name:	08S02E18L001	Basin Name:	Santa Clara
Well Use:	Observation	Well Type:	Single Well
Well Depth:	200	Well Completion Rpt #:	Not Reported

G26
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000053792**

Well ID:	T0608501820-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-7

G27
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000005136**

Well ID: T0608501820-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-4

H28
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000079473**

Well ID: SL720561211-A-69 Well Type: MONITORING
Source: EDF Other Name: A-69
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-69&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-69

I29
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000033045**

Well ID: SL720561211-B-36 Well Type: MONITORING
Source: EDF Other Name: B-36
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-36&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-36

30
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000021665**

Well ID: 08S02E18E011M Well Type: UNK
Source: Department of Water Resources
Other Name: 08S02E18E011M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E18E011M&store_num=

GeoTracker Data: Not Reported

K31
WSW **CA WELLS** **CAEDF0000128569**
1/4 - 1/2 Mile
Lower

Well ID: T0608501820-SP-2/B-1 Well Type: MONITORING
Source: EDF Other Name: SP-2/B-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=SP-2/B-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=SP-2/B-1

K32
WSW **CA WELLS** **CADDW0000001108**
1/4 - 1/2 Mile
Lower

Well ID: 4310022-003 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 03 COTTLE - STANDBY GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-003&store_num=
GeoTracker Data: Not Reported

K33
WSW **CA WELLS** **CAEDF0000014180**
1/4 - 1/2 Mile
Lower

Well ID: T0608501820-SP-1/B-1 Well Type: MONITORING
Source: EDF Other Name: SP-1/B-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=SP-1/B-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=SP-1/B-1

K34
WSW **CA WELLS** **CAEDF0000125227**
1/4 - 1/2 Mile
Lower

Well ID: T0608501820-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-1

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K35
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000000217**

Well ID:	T0608501820-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-5		

K36
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000063450**

Well ID:	T0608501820-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-2		

K37
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000058956**

Well ID:	T0608501820-SP-1/A-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SP-1/A-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=SP-1/A-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=SP-1/A-1		

K38
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000051684**

Well ID:	T0608501820-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K39
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000083873**

Well ID:	T0608501820-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-3		

K40
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000005700**

Well ID:	T0608501820-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-6		

K41
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000093154**

Well ID:	T0608501820-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501820&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501820&assigned_name=MW-9		

42
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000072141**

Well ID:	SL720561211-A-64	Well Type:	MONITORING
Source:	EDF	Other Name:	A-64
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-64&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-64		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K43
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000109308**

Well ID:	T0608501533-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-17		

L44
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000069866**

Well ID:	T0608501533-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-31		

L45
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000123114**

Well ID:	T0608501533-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-20		

L46
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036530**

Well ID:	T0608501533-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L47
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077097**

Well ID:	T0608501533-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-1		

L48
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000059893**

Well ID:	T0608501533-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-30		

49
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000120131**

Well ID:	SL720561211-A-27	Well Type:	MONITORING
Source:	EDF	Other Name:	A-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-27		

L50
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000058885**

Well ID:	T0608501533-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-24		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L51
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000085717**

Well ID:	T0608501533-MW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-29		

L52
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000017821**

Well ID:	T0608501533-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-6		

L53
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000053390**

Well ID:	T0608501533-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-8		

L54
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036220**

Well ID:	T0608501533-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K55
WSW **CA WELLS** **CAEDF0000070578**
1/4 - 1/2 Mile
Lower

Well ID:	T0608501533-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-18		

L56
SW **CA WELLS** **CAEDF0000099372**
1/4 - 1/2 Mile
Lower

Well ID:	T0608501533-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-4		

L57
SW **CA WELLS** **CAEDF0000022766**
1/4 - 1/2 Mile
Lower

Well ID:	T0608501533-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-3		

L58
SW **CA WELLS** **CAEDF0000139718**
1/4 - 1/2 Mile
Lower

Well ID:	T0608501533-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L59
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000079864**

Well ID:	T0608501533-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-14		

L60
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000078530**

Well ID:	T0608501533-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-1		

L61
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000009809**

Well ID:	T0608501533-EW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-2		

L62
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000068867**

Well ID:	T0608501533-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-25		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L63
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000066387**

Well ID:	T0608501533-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-9		

L64
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000103178**

Well ID:	T0608501533-EW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-3		

L65
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000038073**

Well ID:	T0608501533-EW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-5		

L66
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000089598**

Well ID:	T0608501533-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L67
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036068**

Well ID:	T0608501533-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-21		

L68
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000102869**

Well ID:	T0608501533-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-13		

L69
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000018672**

Well ID:	T0608501533-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-10		

L70
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000073378**

Well ID:	T0608501533-EW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=EW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=EW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L71
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000087792**

Well ID:	T0608501533-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-16		

L72
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000041474**

Well ID:	T0608501533-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-15		

M73
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077312**

Well ID:	SL720561211-A-34	Well Type:	MONITORING
Source:	EDF	Other Name:	A-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-34		

L74
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000038381**

Well ID:	T0608501533-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-26		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

75
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000015448**

Well ID:	T0608501533-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-19		

L76
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077843**

Well ID:	T0608501533-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-12		

L77
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000033200**

Well ID:	T0608501533-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-11		

L78
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000019635**

Well ID:	T0608501533-MW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-27		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L79
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000068869**

Well ID:	T0608501533-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-23		

L80
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000105244**

Well ID:	T0608501533-MW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501533&assigned_name=MW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501533&assigned_name=MW-28		

N81
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000139168**

Well ID:	SL720561211-A-61	Well Type:	MONITORING
Source:	EDF	Other Name:	A-61
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-61&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-61		

M82
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000004392**

Well ID:	SL720561211-D-02	Well Type:	MONITORING
Source:	EDF	Other Name:	D-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=D-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=D-02		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O83
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000013987**

Well ID:	SL720561211-A-37	Well Type:	MONITORING
Source:	EDF	Other Name:	A-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-37		

N84
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000080235**

Well ID:	SL720561211-RA-12	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-12		

N85
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000067164**

Well ID:	SL720561211-B-22	Well Type:	MONITORING
Source:	EDF	Other Name:	B-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-22		

N86
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000077696**

Well ID:	SL720561211-B-24	Well Type:	MONITORING
Source:	EDF	Other Name:	B-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-24		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N87
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000078303**

Well ID:	SL720561211-RB-08	Well Type:	MONITORING
Source:	EDF	Other Name:	RB-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RB-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RB-08		

N88
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000018382**

Well ID:	SL720561211-A-53	Well Type:	MONITORING
Source:	EDF	Other Name:	A-53
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-53&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-53		

O89
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000114616**

Well ID:	SL720561211-A-11	Well Type:	MONITORING
Source:	EDF	Other Name:	A-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-11		

90
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000047221**

Well ID:	SL720561211-A-45	Well Type:	MONITORING
Source:	EDF	Other Name:	A-45
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-45&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-45		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N91
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009631**

Well ID:	SL720561211-RB-07	Well Type:	MONITORING
Source:	EDF	Other Name:	RB-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RB-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RB-07		

N92
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033807**

Well ID:	SL720561211-RA-14	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-14		

P93
SSW
1/2 - 1 Mile
Lower

CA WELLS **8548**

Seq:	8548	Prim sta c:	08S/01E-13H10 M
Frds no:	4310022003	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 03 COTTLE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214800.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		

Sample date:	16-MAR-16	Finding:	0.18
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	16-MAR-16	Finding:	1.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	27-AUG-14	Finding:	3.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-SEP-13	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	380.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	72.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	47.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	60.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	04-SEP-13	Finding:	490.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	0.98
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	0.56
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	3200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-SEP-13	Finding:	290.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	830.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

P94
SSW
1/2 - 1 Mile
Lower

CA WELLS 8589

Seq:	8589	Prim sta c:	08S/02E-18E10 M
Frds no:	4310022010	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 11	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214800.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		
Sample date:	02-OCT-17	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-JUN-17	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-JUN-17	Finding:	1.9

Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-17	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	420.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	0.8
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	0.43
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	220.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-JUN-17	Finding:	2.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-17	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-JUN-17	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	46.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	33.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-JUN-17	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	670.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	25-AUG-14	Finding:	3.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-14	Finding:	0.58
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-AUG-14	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-AUG-13	Finding:	690.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	1800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-AUG-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	8.1e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	0.89
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	15-AUG-13	Finding:	0.74
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	15-AUG-13	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	49.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	36.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	59.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-AUG-12	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-AUG-12	Finding:	0.9
Chemical:	1,1,1-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P95
SSW
1/2 - 1 Mile
Lower

CA WELLS 8590

Seq:	8590	Prim sta c:	08S/02E-18E11 M
Frds no:	4310022011	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 12	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214800.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		

Sample date:	30-AUG-17	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	30-AUG-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-AUG-16	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-AUG-16	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	0.96
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	22-AUG-16	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	22-AUG-16	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	280.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	55.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	34.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	0.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-SEP-15	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-AUG-14	Finding:	3.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-AUG-13	Finding:	2300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-AUG-13	Finding:	8.5e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	710.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	38.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	47.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	52.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-AUG-13	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	15-AUG-13	Finding:	0.84
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

N96
North **CA WELLS** **CAEDF0000013106**
1/2 - 1 Mile
Lower

Well ID:	SL720561211-RA-11	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-11		

Q97
NNE **CA WELLS** **CAEDF0000098993**
1/2 - 1 Mile
Lower

Well ID:	SL720561211-W-6	Well Type:	MONITORING
Source:	EDF	Other Name:	W-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-6		

Q98
NNE **CA WELLS** **CAEDF0000051682**
1/2 - 1 Mile
Lower

Well ID:	SL720561211-W-5	Well Type:	MONITORING
Source:	EDF	Other Name:	W-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-5		

Q99
NNE **CA WELLS** **CADDW0000022644**
1/2 - 1 Mile
Lower

Well ID:	4300791-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 05	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-004&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R100
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075993**

Well ID:	SL720561211-A-239	Well Type:	MONITORING
Source:	EDF	Other Name:	A-239
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-239&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-239		

O101
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043916**

Well ID:	SL720561211-B-28	Well Type:	MONITORING
Source:	EDF	Other Name:	B-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-28		

S102
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092770**

Well ID:	SL720561211-A-43	Well Type:	MONITORING
Source:	EDF	Other Name:	A-43
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-43&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-43		

S103
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042627**

Well ID:	SL720561211-B-42	Well Type:	MONITORING
Source:	EDF	Other Name:	B-42
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-42&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-42		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T104
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095512**

Well ID:	SL720561211-RA-26	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-26		

U105
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090781**

Well ID:	SL720561211-B-05	Well Type:	MONITORING
Source:	EDF	Other Name:	B-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-05		

Q106
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051301**

Well ID:	SL720561211-W-4	Well Type:	MONITORING
Source:	EDF	Other Name:	W-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-4		

V107
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000024381**

Well ID:	SL720561211-A-77	Well Type:	MONITORING
Source:	EDF	Other Name:	A-77
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-77&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-77		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U108
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037318**

Well ID:	SL720561211-A-21	Well Type:	MONITORING
Source:	EDF	Other Name:	A-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-21		

T109
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102726**

Well ID:	SL720561211-B-23	Well Type:	MONITORING
Source:	EDF	Other Name:	B-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-23		

Q110
NNE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000018929**

Well ID:	4300791-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-003&store_num=		
GeoTracker Data:	Not Reported		

U111
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130274**

Well ID:	SL720561211-C-03	Well Type:	MONITORING
Source:	EDF	Other Name:	C-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-03		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U112
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092771**

Well ID:	SL720561211-A-36	Well Type:	MONITORING
Source:	EDF	Other Name:	A-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-36		

W113
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037315**

Well ID:	SL720561211-A-25	Well Type:	MONITORING
Source:	EDF	Other Name:	A-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-25		

Q114
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038769**

Well ID:	SL720561211-A-40	Well Type:	MONITORING
Source:	EDF	Other Name:	A-40
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-40&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-40		

Q115
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097685**

Well ID:	SL720561211-W-3	Well Type:	MONITORING
Source:	EDF	Other Name:	W-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q116
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000017706**

Well ID:	4300791-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-001&store_num=		
GeoTracker Data:	Not Reported		

R117
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000085856**

Well ID:	SL720561211-A-24	Well Type:	MONITORING
Source:	EDF	Other Name:	A-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-24		

W118
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035760**

Well ID:	SL720561211-B-48	Well Type:	MONITORING
Source:	EDF	Other Name:	B-48
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-48&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-48		

W119
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061275**

Well ID:	SL720561211-C-22	Well Type:	MONITORING
Source:	EDF	Other Name:	C-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R120
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063452**

Well ID:	SL720561211-B-10	Well Type:	MONITORING
Source:	EDF	Other Name:	B-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-10		

X121
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000136109**

Well ID:	SL720561211-C-04	Well Type:	MONITORING
Source:	EDF	Other Name:	C-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-04		

V122
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000090548**

Well ID:	SL720561211-A-18	Well Type:	MONITORING
Source:	EDF	Other Name:	A-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-18		

Y123
NNE
1/2 - 1 Mile
Higher

CA WELLS **19813**

Seq:	19813	Prim sta c:	4300791-004
Frds no:	4300791004	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 05	Station ty:	WELL/AMBNT
Latitude:	371455.0	Longitude:	1214733.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported

Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	28-MAR-17	Finding:	1.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	3.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAR-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	2.8
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.307
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.232
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	2.3

Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-APR-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	1900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Y124
NNE
1/2 - 1 Mile
Higher

CA WELLS 19812

Seq:	19812	Prim sta c:	4300791-003
Frds no:	4300791003	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT
Latitude:	371455.0	Longitude:	1214733.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	07-FEB-18	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAR-17	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	30-MAR-17	Finding:	3.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-FEB-16	Finding:	0.391
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.156
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.384
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	2.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-FEB-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	05-FEB-13	Finding:	2100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Y125
NNE
1/2 - 1 Mile
Higher

CA WELLS 8577

Seq:	8577	Prim sta c:	08S/02E-07K02 M
Frds no:	4300791001	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	371455.0	Longitude:	1214733.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		

Sample date:	30-MAR-17	Finding:	1.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-MAR-17	Finding:	2.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	1.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-FEB-16	Finding:	3.6
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		

Sample date:	02-FEB-16	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	02-FEB-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	02-FEB-16	Finding:	1.8

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.351
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.328
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	3.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-FEB-13	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-FEB-13	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-FEB-12	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Y126
NNE
1/2 - 1 Mile
Higher

CA WELLS **19814**

Seq:	19814	Prim sta c:	4300791-006
Frds no:	4300791006	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 06	Station ty:	WELL/AMBNT
Latitude:	371455.0	Longitude:	1214733.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70

Area serve: Not Reported

Sample date:	27-FEB-18	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAR-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.156
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.315
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.558
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-15	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	2.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	08-APR-14	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-FEB-13	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	06-FEB-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-FEB-13	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-13	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-FEB-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

V127
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000021723**

Well ID:	SL720561211-RA-25	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-25		

Y128
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000099306**

Well ID:	SL720561211-A-17	Well Type:	MONITORING
Source:	EDF	Other Name:	A-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-17		

Z129
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074374**

Well ID:	SL720561211-BR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	BR-2

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=BR-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=BR-2

AA130
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070577**

Well ID: SL720561211-A-46 Well Type: MONITORING
Source: EDF Other Name: A-46
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-46&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-46

Y131
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055407**

Well ID: SL720561211-A-01 Well Type: MONITORING
Source: EDF Other Name: A-01
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-01&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-01

X132
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000081322**

Well ID: SL720561211-B-14 Well Type: MONITORING
Source: EDF Other Name: B-14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-14

Z133
NE
1/2 - 1 Mile
Higher

CA WELLS **19815**

Seq: 19815 Prim sta c: 4300791-007
Frds no: 4300791007 County: 43
District: 05 User id: HEN
System no: 4300791 Water type: G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Source nam:	WELL 08 - STANDBY	Station ty:	WELL/AMBNT
Latitude:	371447.0	Longitude:	1214716.0
Precision:	4	Status:	SR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	07-FEB-18	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-FEB-18	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	1.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	6.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAR-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	2.4
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	95.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.38
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-FEB-16	Finding:	0.334
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-JAN-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-APR-14	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-FEB-13	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	97.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Z134
NE
1/2 - 1 Mile
Higher

CA WELLS 8578

Seq:	8578	Prim sta c:	08S/02E-07R05 M
Frds no:	4300791002	County:	43
District:	05	User id:	HEN
System no:	4300791	Water type:	G
Source nam:	WELL 07 - STANDBY	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	371447.0	Longitude:	1214716.0
Precision:	4	Status:	SR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300791	System nam:	Ibm-Storage System Division
Hqname:	Not Reported	Address:	5600 COTTLE RD
City:	SAN JOSE	State:	CA
Zip:	95193	Zip ext:	Not Reported
Pop serv:	6700	Connection:	70
Area serve:	Not Reported		
Sample date:	27-FEB-18	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	1.3

Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAR-17	Finding:	5.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAR-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	0.426
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	16.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-16	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-FEB-16	Finding:	0.38
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.334
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	0.344
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JAN-15	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	08-APR-14	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-FEB-13	Finding:	7.5
Chemical:	LEAD	Report units:	UG/L
Dlr:	5.		
Sample date:	05-FEB-13	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	1300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Z135
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040829**

Well ID:	SL720561211-BR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	BR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=BR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=BR-1		

AB136
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000132536**

Well ID:	SL720561211-A-39	Well Type:	MONITORING
Source:	EDF	Other Name:	A-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-39		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AA137 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057259**

Well ID:	SL720561211-O-140	Well Type:	MONITORING
Source:	EDF	Other Name:	O-140
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-140&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-140		

	Database	EDR ID Number
AC138 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000121886**

Well ID:	SL720561211-A-22	Well Type:	MONITORING
Source:	EDF	Other Name:	A-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-22		

	Database	EDR ID Number
AD139 **NNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000062984**

Well ID:	SL720561211-B-09	Well Type:	MONITORING
Source:	EDF	Other Name:	B-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-09		

	Database	EDR ID Number
Y140 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000076134**

Well ID:	SL720561211-RA-22	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y141
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047085**

Well ID:	SL720561211-A-32	Well Type:	MONITORING
Source:	EDF	Other Name:	A-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-32		

Y142
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087412**

Well ID:	SL720561211-A-71	Well Type:	MONITORING
Source:	EDF	Other Name:	A-71
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-71&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-71		

143
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077163**

Well ID:	SL720561211-A-54	Well Type:	MONITORING
Source:	EDF	Other Name:	A-54
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-54&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-54		

AE144
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092769**

Well ID:	SL720561211-B-02	Well Type:	MONITORING
Source:	EDF	Other Name:	B-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA145
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140563**

Well ID:	SL720561211-O-138	Well Type:	MONITORING
Source:	EDF	Other Name:	O-138
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-138&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-138		

AA146
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102394**

Well ID:	SL720561211-B-35	Well Type:	MONITORING
Source:	EDF	Other Name:	B-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-35		

AA147
North
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073522**

Well ID:	SL720561211-RA-27	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-27		

X148
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074370**

Well ID:	SL720561211-A-05	Well Type:	MONITORING
Source:	EDF	Other Name:	A-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AE149
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052939**

Well ID:	SL720561211-C-01	Well Type:	MONITORING
Source:	EDF	Other Name:	C-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-01		

AC150
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000075767**

Well ID:	SL720561211-A-28	Well Type:	MONITORING
Source:	EDF	Other Name:	A-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-28		

Z151
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092154**

Well ID:	SL720561211-A-55	Well Type:	MONITORING
Source:	EDF	Other Name:	A-55
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-55&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-55		

AB152
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095215**

Well ID:	SL720561211-RA-24	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-24		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z153
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106433**

Well ID:	SL720561211-NBOYCE	Well Type:	MONITORING
Source:	EDF	Other Name:	NBOYCE
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=NBOYCE&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=NBOYCE		

AF154
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097937**

Well ID:	SL720561211-O-25	Well Type:	MONITORING
Source:	EDF	Other Name:	O-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-25		

AF155
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082185**

Well ID:	SL720561211-A-41	Well Type:	MONITORING
Source:	EDF	Other Name:	A-41
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-41&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-41		

AC156
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005514**

Well ID:	SL720561211-A-72	Well Type:	MONITORING
Source:	EDF	Other Name:	A-72
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-72&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-72		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X157
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074768**

Well ID:	SL720561211-RA-08	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-08		

158
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032571**

Well ID:	08S01E13A001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S01E13A001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S01E13A001M&store_num=		
GeoTracker Data:	Not Reported		

Z159
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093726**

Well ID:	SL720561211-W-7	Well Type:	MONITORING
Source:	EDF	Other Name:	W-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-7		

Z160
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000004549**

Well ID:	4300791-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 07	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-002&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AE161
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122872**

Well ID:	SL720561211-D-01	Well Type:	MONITORING
Source:	EDF	Other Name:	D-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=D-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=D-01		

AG162
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063423**

Well ID:	SL720561211-W-8	Well Type:	MONITORING
Source:	EDF	Other Name:	W-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=W-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=W-8		

AG163
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016253**

Well ID:	4300791-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 06	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-006&store_num=		
GeoTracker Data:	Not Reported		

Y164
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033575**

Well ID:	SL720561211-O-12	Well Type:	MONITORING
Source:	EDF	Other Name:	O-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AG165
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000002574**

Well ID:	4300791-007	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4300791-007&store_num=		
GeoTracker Data:	Not Reported		

AB166
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096334**

Well ID:	SL720561211-A-204	Well Type:	MONITORING
Source:	EDF	Other Name:	A-204
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-204&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-204		

AG167
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072349**

Well ID:	SL720561211-A-56	Well Type:	MONITORING
Source:	EDF	Other Name:	A-56
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-56&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-56		

AH168
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135549**

Well ID:	SL720561211-RA-06	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-06		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC169
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096171**

Well ID:	SL720561211-A-09	Well Type:	MONITORING
Source:	EDF	Other Name:	A-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-09		

AC170
NNE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068475**

Well ID:	SL720561211-O-34	Well Type:	MONITORING
Source:	EDF	Other Name:	O-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=O-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=O-34		

AB171
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000141184**

Well ID:	SL720561211-B-06	Well Type:	MONITORING
Source:	EDF	Other Name:	B-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-06		

AD172
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000004674**

Well ID:	SL720561211-RA-30	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-30		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AH173
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000016119**

Well ID:	SL720561211-RA-10	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-10		

AB174
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037548**

Well ID:	SL720561211-A-38	Well Type:	MONITORING
Source:	EDF	Other Name:	A-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-38		

AH175
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000085859**

Well ID:	SL720561211-B-13	Well Type:	MONITORING
Source:	EDF	Other Name:	B-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-13		

AI176
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000108527**

Well ID:	SL720561211-RA-29	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-29		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AH177
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000118865**

Well ID:	SL720561211-RA-04	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-04		

178
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042490**

Well ID:	SL720561211-C-09	Well Type:	MONITORING
Source:	EDF	Other Name:	C-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-09		

AJ179
North
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000011812**

Well ID:	08S02E07L002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S02E07L002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E07L002M&store_num=		
GeoTracker Data:	Not Reported		

AH180
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095217**

Well ID:	SL720561211-A-20	Well Type:	MONITORING
Source:	EDF	Other Name:	A-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ181
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070799**

Well ID:	SL720561211-B-33	Well Type:	MONITORING
Source:	EDF	Other Name:	B-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-33		

AI182
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022575**

Well ID:	SL720561211-RA-02	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-02		

AK183
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000045983**

Well ID:	SL720561211-B-04	Well Type:	MONITORING
Source:	EDF	Other Name:	B-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-04		

AK184
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067011**

Well ID:	SL720561211-C-02	Well Type:	MONITORING
Source:	EDF	Other Name:	C-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=C-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=C-02		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

185
SE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000016539**

Well ID:	08S02E17N010M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S02E17N010M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E17N010M&store_num=		
GeoTracker Data:	Not Reported		

AJ186
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052795**

Well ID:	SL720561211-A-10	Well Type:	MONITORING
Source:	EDF	Other Name:	A-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-10		

AJ187
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000031337**

Well ID:	SL720561211-A-223	Well Type:	MONITORING
Source:	EDF	Other Name:	A-223
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-223&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-223		

188
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009048**

Well ID:	SL720561211-01-B	Well Type:	MONITORING
Source:	EDF	Other Name:	01-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=01-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=01-B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AL189
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000105611**

Well ID:	SL720561211-RA-05	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-05		

AM190
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101305**

Well ID:	SL720561211-A-222	Well Type:	MONITORING
Source:	EDF	Other Name:	A-222
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-222&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-222		

AM191
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000088793**

Well ID:	SL720561211-A-30	Well Type:	MONITORING
Source:	EDF	Other Name:	A-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-30		

AM192
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000117746**

Well ID:	SL720561211-A-221	Well Type:	MONITORING
Source:	EDF	Other Name:	A-221
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-221&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-221		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AN193
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114257**

Well ID:	SL720561211-OP-10	Well Type:	MONITORING
Source:	EDF	Other Name:	OP-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=OP-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=OP-10		

AL194
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131624**

Well ID:	SL720561211-A-07	Well Type:	MONITORING
Source:	EDF	Other Name:	A-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-07		

AN195
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130979**

Well ID:	SL720561211-ORB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	ORB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=ORB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=ORB-6		

AL196
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031336**

Well ID:	SL720561211-B-16	Well Type:	MONITORING
Source:	EDF	Other Name:	B-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=B-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=B-16		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AN197
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048008**

Well ID:	SL720561211-OP-11	Well Type:	MONITORING
Source:	EDF	Other Name:	OP-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=OP-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=OP-11		

198
ESE
1/2 - 1 Mile
Higher

CA WELLS **8591**

Seq:	8591	Prim sta c:	08S/02E-18K10 M
Frds no:	4310022004	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 04 SANTA TERESA	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	371400.0	Longitude:	1214700.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		

Sample date:	30-AUG-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-AUG-17	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	22-AUG-16	Finding:	2.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	22-AUG-16	Finding:	0.85
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	380.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-AUG-16	Finding:	82.

Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	22-AUG-16	Finding:	170.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	22-AUG-16	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-AUG-16	Finding:	44.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-AUG-16	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	33.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	650.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-AUG-16	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-SEP-15	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-AUG-14	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	370.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	0.86
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	0.32
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	1400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-SEP-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	04-SEP-13	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	34.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	290.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-AUG-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

AL199
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000010577**

Well ID:	SL720561211-TANK-1	Well Type:	MONITORING
Source:	EDF	Other Name:	TANK-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=TANK-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=TANK-1		

200
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000020569**

Well ID:	08S01E13K001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S01E13K001M	GAMA PFAS Testing:	Not Reported

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Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S01E13K001M&store_num=
GeoTracker Data: Not Reported

201
NE
1/2 - 1 Mile
Higher

CA WELLS 8579

Seq:	8579	Prim sta c:	08S/02E-08M07 M
Frds no:	4310022012	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 15	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	371452.0	Longitude:	1214700.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		

202
East
1/2 - 1 Mile
Higher

CA WELLS 8583

Seq:	8583	Prim sta c:	08S/02E-17G11 M
Frds no:	4310022013	County:	43
District:	05	User id:	HEN
System no:	4310022	Water type:	G
Source nam:	WELL 16	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	371422.0	Longitude:	1214648.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310022	System nam:	Great Oaks Wc, Inc.
Hqname:	Not Reported	Address:	PO BOX 23490
City:	SAN JOSE	State:	CA
Zip:	95153	Zip ext:	Not Reported
Pop serv:	62853	Connection:	17958
Area serve:	CITY OF SAN JOSE-SOUTHERN POR.		
Sample date:	30-AUG-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-AUG-17	Finding:	7.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	24-AUG-16	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	24-AUG-16	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	24-AUG-16	Finding:	36.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-AUG-16	Finding:	39.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	46.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	42.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	290.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-16	Finding:	2.
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	310.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	670.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	24-AUG-16	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-AUG-16	Finding:	1.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAR-16	Finding:	2.7
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-MAR-16	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-SEP-15	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-SEP-15	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-FEB-15	Finding:	4.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-AUG-14	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-SEP-13	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	12-SEP-13	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-SEP-13	Finding:	0.71
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-SEP-13	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-SEP-13	Finding:	39.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	12-SEP-13	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	28.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	37.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	47.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	630.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-SEP-13	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

AO203
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000020868**

Well ID:	4310022-019	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 20	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-019&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AP204
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036524**

Well ID:	SL720561211-02-B	Well Type:	MONITORING
Source:	EDF	Other Name:	02-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=02-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=02-B		

AP205
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052862**

Well ID:	SL720561211-02-A	Well Type:	MONITORING
Source:	EDF	Other Name:	02-A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=02-A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=02-A		

AQ206
NE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000000448**

Well ID:	101004	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/02E-08M07 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.00000767589
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Helium-4	Results:	.00000000272635
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Helium-3/Helium-4	Results:	.00000140698
Units:	atom ratio	Date:	02/06/2002
Chemical:	Krypton	Results:	.00000000124245
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Tritium (Hydrogen 3)	Results:	14.5
Units:	pCi/L	Date:	06/03/2002

Chemical:	Neon	Results:	.00000000102223
Units:	cm3STP/g	Date:	02/06/2002

AQ207
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000002889**

Well ID:	4310022-012	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 15 (STANDBY WELL)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-012&store_num=		
GeoTracker Data:	Not Reported		

AO208
West
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000621**

Well ID:	101005	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	4310022-019	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.000417487
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Helium-3/Helium-4	Results:	.00000144924
Units:	atom ratio	Date:	02/06/2002
Chemical:	Helium-4	Results:	.0000000997899
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Xenon	Results:	.00000000678579
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Neon	Results:	.000000371731
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Krypton	Results:	.0000000800567
Units:	cm3STP/g	Date:	02/06/2002
Chemical:	Tritium (Hydrogen 3)	Results:	13.5
Units:	pCi/L	Date:	04/24/2002

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR209
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101547**

Well ID:	SL720561211-12-A	Well Type:	MONITORING
Source:	EDF	Other Name:	12-A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=12-A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=12-A		

AR210
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131274**

Well ID:	SL720561211-ORA-5	Well Type:	MONITORING
Source:	EDF	Other Name:	ORA-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=ORA-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=ORA-5		

AP211
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106291**

Well ID:	SL720561211-02-C	Well Type:	MONITORING
Source:	EDF	Other Name:	02-C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=02-C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=02-C		

AR212
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022673**

Well ID:	SL720561211-RA-13	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR213
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000085251**

Well ID:	SL720561211-RA-31	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-31		

AR214
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000050464**

Well ID:	SL720561211-RA-32	Well Type:	MONITORING
Source:	EDF	Other Name:	RA-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=RA-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=RA-32		

AR215
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033044**

Well ID:	SL720561211-A-31	Well Type:	MONITORING
Source:	EDF	Other Name:	A-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=A-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=A-31		

AR216
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000141898**

Well ID:	SL720561211-ORA-4	Well Type:	MONITORING
Source:	EDF	Other Name:	ORA-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=ORA-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=ORA-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AS217
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000025352**

Well ID:	08S02E17L002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S02E17L002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E17L002M&store_num=		
GeoTracker Data:	Not Reported		

AS218
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000012287**

Well ID:	08S02E17L001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	08S02E17L001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=08S02E17L001M&store_num=		
GeoTracker Data:	Not Reported		

AT219
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000013435**

Well ID:	4310022-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 BANGER	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310022-002&store_num=		
GeoTracker Data:	Not Reported		

220
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000011940**

Well ID:	SL720561211-18-B	Well Type:	MONITORING
Source:	EDF	Other Name:	18-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL720561211&assigned_name=18-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL720561211&assigned_name=18-B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

221
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114641**

Well ID:	T0608500348-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500348&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500348&assigned_name=MW-3		

AT222
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00019034**

Well ID:	USGS-371451121484701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-371451121484701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-371451121484701&store_num=		
GeoTracker Data:	Not Reported		

AT223
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000181742**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	008S001E12P001M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590807	Well Depth:	366
Well Depth Units:	ft	Well Hole Depth:	457
Well Hole Depth Units:	ft		

AT224
WNW
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000001409**

Well ID:	100917	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	08S/01E-12P01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.00044534
Units:	cm3STP/g	Date:	11/16/2001
Chemical:	Helium-3/Helium-4	Results:	.00000146885
Units:	atom ratio	Date:	11/16/2001
Chemical:	Helium-4	Results:	.00000010549
Units:	cm3STP/g	Date:	11/16/2001
Chemical:	Neon	Results:	.000000388213
Units:	cm3STP/g	Date:	11/16/2001
Chemical:	Tritium (Hydrogen 3)	Results:	14.22
Units:	pCi/L	Date:	11/30/2001

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RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95119	2	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SANTA CLARA COUNTY, CA

Number of sites tested: 70

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.363 pCi/L	91%	9%	0%
Living Area - 2nd Floor	2.100 pCi/L	100%	0%	0%
Basement	2.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D
SITE RECONNAISSANCE CHECKLIST AND PHOTOGRAPHS

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	6120 Liska Lane, San Jose, CA 95119	750677301

Date	Photo No.
1/19/2024	1

Direction Photo Taken:

North

Description:

View from the central portion of the subject property facing north. Highway 85 and multi-family residencies are visible in the background.

Date	Photo No.
1/19/2024	2

Direction Photo Taken:

Southeast

Description:

View of bushes and trees along the southeast perimeter of the subject property.

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	6120 Liska Lane, San Jose, CA 95119	750677301

Date	Photo No.
1/19/2024	3

Direction Photo Taken:

Northwest

Description:

View of the western perimeter of the subject property. A chain link fence, parking lot, and buildings associated with the Kaiser Medical Complex are visible in the background.

Date	Photo No.
1/19/2024	4

Direction Photo Taken:

Northeast

Description:

View of the eastern portion of the subject property. The subject property is vacant land. A wooden fence is visible with multi-family residencies present on the other side of the fence.

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	6120 Liska Lane, San Jose, CA 95119	750677301

Date	Photo No.
1/19/2024	5

Direction Photo Taken:

Southeast

Description:

View from the central portion of the subject property facing southeast. A depression is visible in the foreground and garden beds, and multiple single-story buildings are visible in the background.

Date	Photo No.
1/19/2024	6

Direction Photo Taken:

Southeast

Description:

View of the subject property from the north facing southeast. Vacant land is visible in the foreground and a basketball court, playground, and single story building are visible in the background.

LANGAN

Site Reconnaissance Photographs

Client Name:	Subject Property Location:	Project No.
Kaiser Foundation Health Plan, Inc.	6120 Liska Lane, San Jose, CA 95119	750677301

Date	Photo No.
1/19/2024	7

Direction Photo Taken:

Southwest

Description:

View of the southwest portion of the site that is primary vacant land and some vegetation. A chain link fence and parking lot are visible in the background.

Date	Photo No.
1/19/2024	8

Direction Photo Taken:

East

Description:

The northern potion of the subject property, facing east. The subject property is primarily vacant land and vegetation around the perimeter. Multi-family residencies are visible beyond the subject property boundary.

LANGAN

PHASE I ESA SITE RECONNAISSANCE CHECKLIST

GENERAL INFORMATION
Langan personnel: Peter J. Cusack
Date of site reconnaissance: 01/19/2024
Business name / subject property occupant: Bright Horizons
Full subject property address: 6120 Liska Lane, San Jose, CA 95119
Weather conditions: Overcast, 50s.

Features, Activities, Uses, and Conditions	Identified/Observed?		Report Section(s)
General Subject Property Setting	**Yes**	**No**	
Current use(s) of the subject property	☒	☐	2.0
Past use(s) of the subject property	☒	☐	3.1
Current use(s) of adjoining properties	☒	☐	4.1
Past use(s) of adjoining properties	☒	☐	4.2
Current or past uses in the surrounding area	☒	☐	4.1 and 4.2
Geologic, hydrogeologic, hydrologic, and topographic conditions	☒	☐	2.2
Structures and other improvements at the subject property	☒	☐	2.3
Roads	☒	☐	2.3
Potable water supply/source for the subject property	☒	☐	2.4
Sewage disposal system for the subject property	☒	☐	2.4

Interior/Exterior Features	At Interior?		At Exterior?		Report Section(s) (if yes)
	Yes	**No**	**Yes**	**No**	
Hazardous substances and petroleum products in connection with identified uses	☐	☒	☐	☒	2.5
Storage tanks	☐	☒	☐	☒	2.5.1 and 2.5.2
Strong, pungent, or noxious odors and their sources	☐	☒	☐	☒	2.6
Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products	☐	☒	☐	☒	2.5
Drums, totes, and intermediate bulk containers	☐	☒	☐	☒	2.5.3
Hazardous substance and petroleum product containers not in connection with identified uses	☐	☒	☐	☒	2.5.4
Unidentified substance containers	☐	☒	☐	☒	2.5.4
PCB-containing items	☐	☒	☐	☒	2.5.4
Heating/cooling	☐	☒	☐	☒	2.4
Stains or corrosion on floors, walls, or ceilings	☐	☒	☐	☒	2.5 and 2.7
Drains and sumps	☐	☒	☐	☒	2.8
Pits, ponds, or lagoons	☐	☒	☐	☒	2.2.3
Stained soil or pavement	☐	☒	☐	☒	2.5 and 2.7
Stressed vegetation	☐	☒	☐	☒	2.9
Solid waste	☐	☒	☐	☒	2.7
Water/wastewater	☐	☒	☐	☒	2.8 and 2.9
Wells	☐	☒	☐	☒	2.2.3
Septic systems or cesspools	☐	☒	☐	☒	2.8

APPENDIX E
HISTORICAL RESOURCES

6120 Liska Lane

6120 Liska Lane

San Jose, CA 95119

Inquiry Number: 7533641.8

January 04, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/04/24

Site Name:

6120 Liska Lane
6120 Liska Lane
San Jose, CA 95119
EDR Inquiry # 7533641.8

Client Name:

Langan
135 Main Street Suite 1500
SAn Francisco, CA 94105
Contact: Peter Cusack

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: January 01, 1998	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: July 12, 1974	USGS
1970	1"=500'	Flight Date: April 24, 1970	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: June 12, 1956	USDA
1950	1"=500'	Flight Date: April 10, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1939	1"=500'	Flight Date: August 05, 1939	USDA

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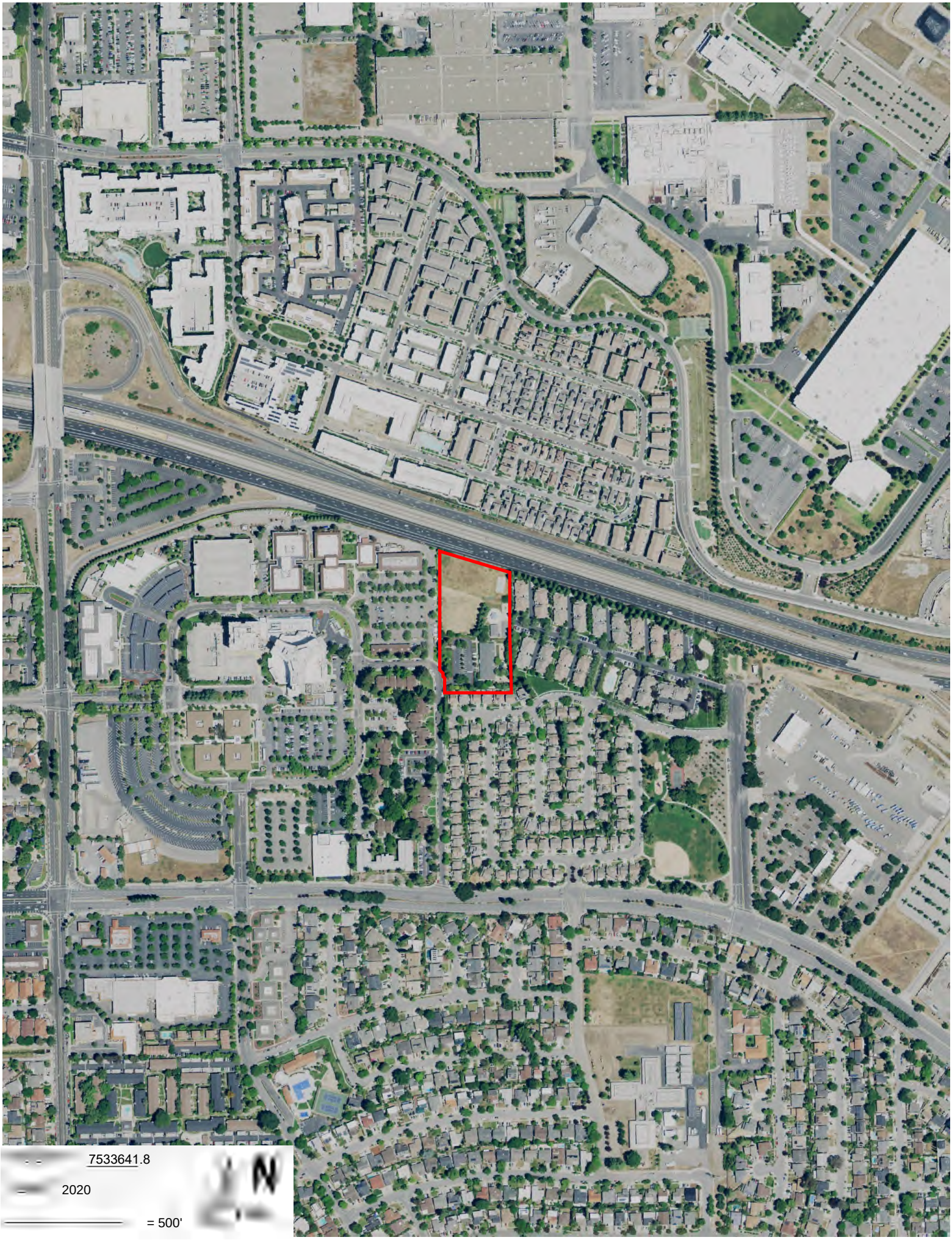
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2020
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7533641.8
2016
= 500'
N

7533641.8
2012
= 500'
N

7533641.8
2009
= 500'
N

7533641.8
2006
= 500'
N

7533641.8
1998
= 500'
N
Subject boundary not shown because it exceeds image extent or image is not georeferenced.

6120 Liska Lane

6120 Liska Lane

San Jose, CA 95119

Inquiry Number: 7533641.3

January 04, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/04/24

Site Name:	Client Name:
6120 Liska Lane	Langan
6120 Liska Lane	135 Main Street Suite 1500
San Jose, CA 95119	SAn Francisco, CA 94105
EDR Inquiry # 7533641.3	Contact: Peter Cusack

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Langan were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 71C6-4E6D-8ACA

PO # NA

Project 750677301

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 71C6-4E6D-8ACA

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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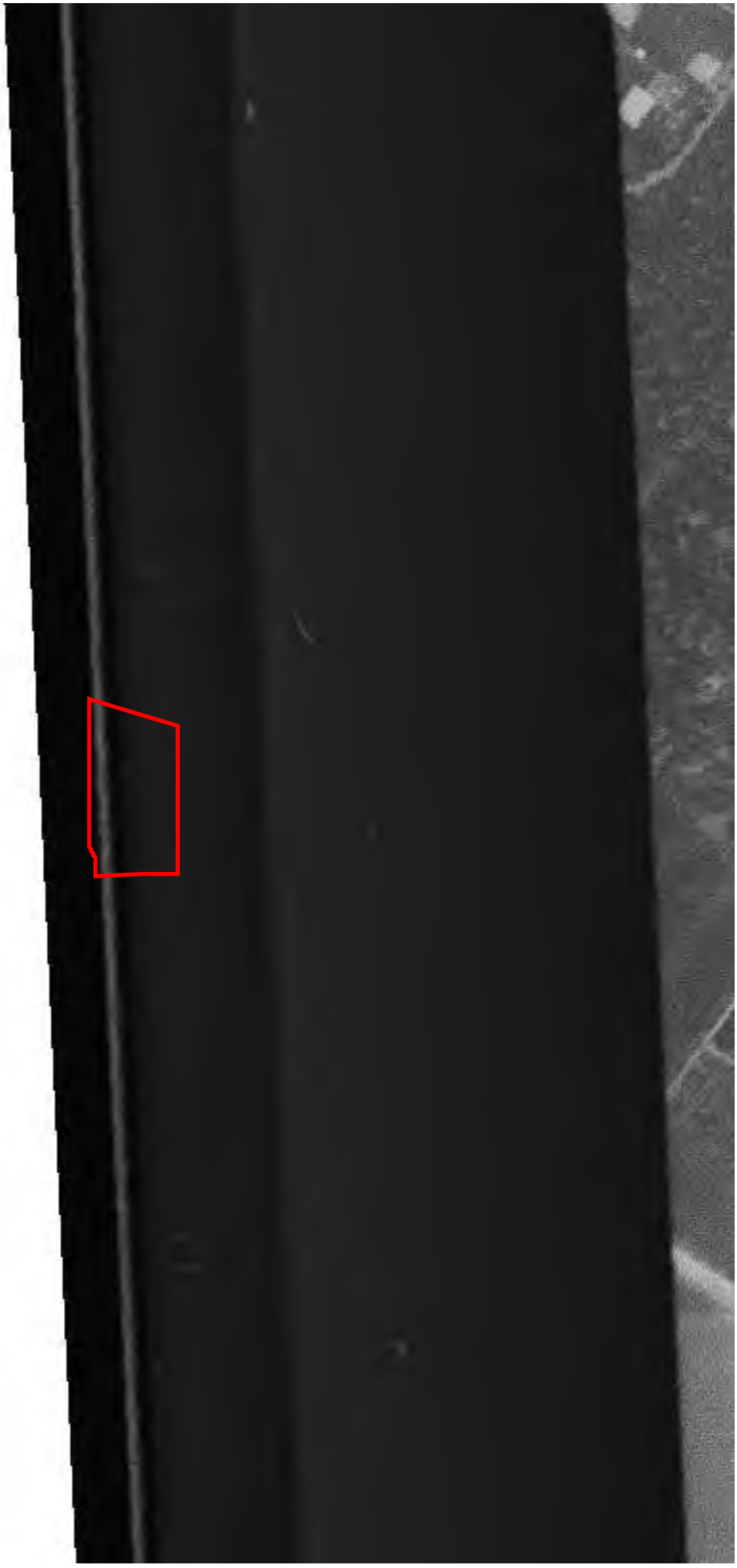
12-165
SFB
7533641.8
1974
= 500'
N



7533641.8

1970

= 500'

N

INQUIRY #: 7533641.8

YEAR: 1968

= 500'

N

EDR

133
7533641.8
1963
N
= 500'

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1956
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N

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1950
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N

7533641.8
1948
= 500'
N

INQUIRY #: 7533641.8
YEAR: 1939
= 500'
N
EDR

6120 Liska Lane

6120 Liska Lane

San Jose, CA 95119

Inquiry Number: 7533641.4

January 04, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/04/24

Site Name:	Client Name:
6120 Liska Lane	Langan
6120 Liska Lane	135 Main Street Suite 1500
San Jose, CA 95119	SAn Francisco, CA 94105
EDR Inquiry # 7533641.4	Contact: Peter Cusack

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Search Results:

P.O.# NA

Project: 750677301

Coordinates:

Latitude:	37.240229 37° 14' 25" North
Longitude:	-121.797615 -121° 47' 51" West
UTM Zone:	Zone 10 North
UTM X Meters:	606648.09
UTM Y Meters:	4122199.55
Elevation:	195.00' above sea level

Maps Provided:

2021	1943
2018	1940
2015	1919
2012	1916
1980	1899
1968	1897
1953	1889
1947	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets

Santa Teresa Hills
2021
7.5-minute, 24000

San Jose East
2021
7.5-minute, 24000

2018 Source Sheets

Santa Teresa Hills
2018
7.5-minute, 24000

San Jose East
2018
7.5-minute, 24000

2015 Source Sheets

Santa Teresa Hills
2015
7.5-minute, 24000

San Jose East
2015
7.5-minute, 24000

2012 Source Sheets

Santa Teresa Hills
2012
7.5-minute, 24000

San Jose East
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1980 Source Sheets

San Jose East
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Santa Teresa Hills
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1968 Source Sheets

Santa Teresa Hills
1968
7.5-minute, 24000
Aerial Photo Revised 1968

San Jose East
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1953 Source Sheets

Santa Teresa Hills
1953
7.5-minute, 24000
Aerial Photo Revised 1948

San Jose East
1953
7.5-minute, 24000
Aerial Photo Revised 1948

1947 Source Sheets

LOS GATOS
1947
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1943 Source Sheets

Los Gatos
1943
15-minute, 62500
Aerial Photo Revised 1937

1940 Source Sheets

Los Gatos
1940
15-minute, 62500
Aerial Photo Revised 1937

1919 Source Sheets

New Almaden
1919
15-minute, 62500

Los Gatos
1919
15-minute, 62500

1916 Source Sheets

New Almaden
1916
15-minute, 48000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1899 Source Sheets

San Jose
1899
15-minute, 62500

1897 Source Sheets

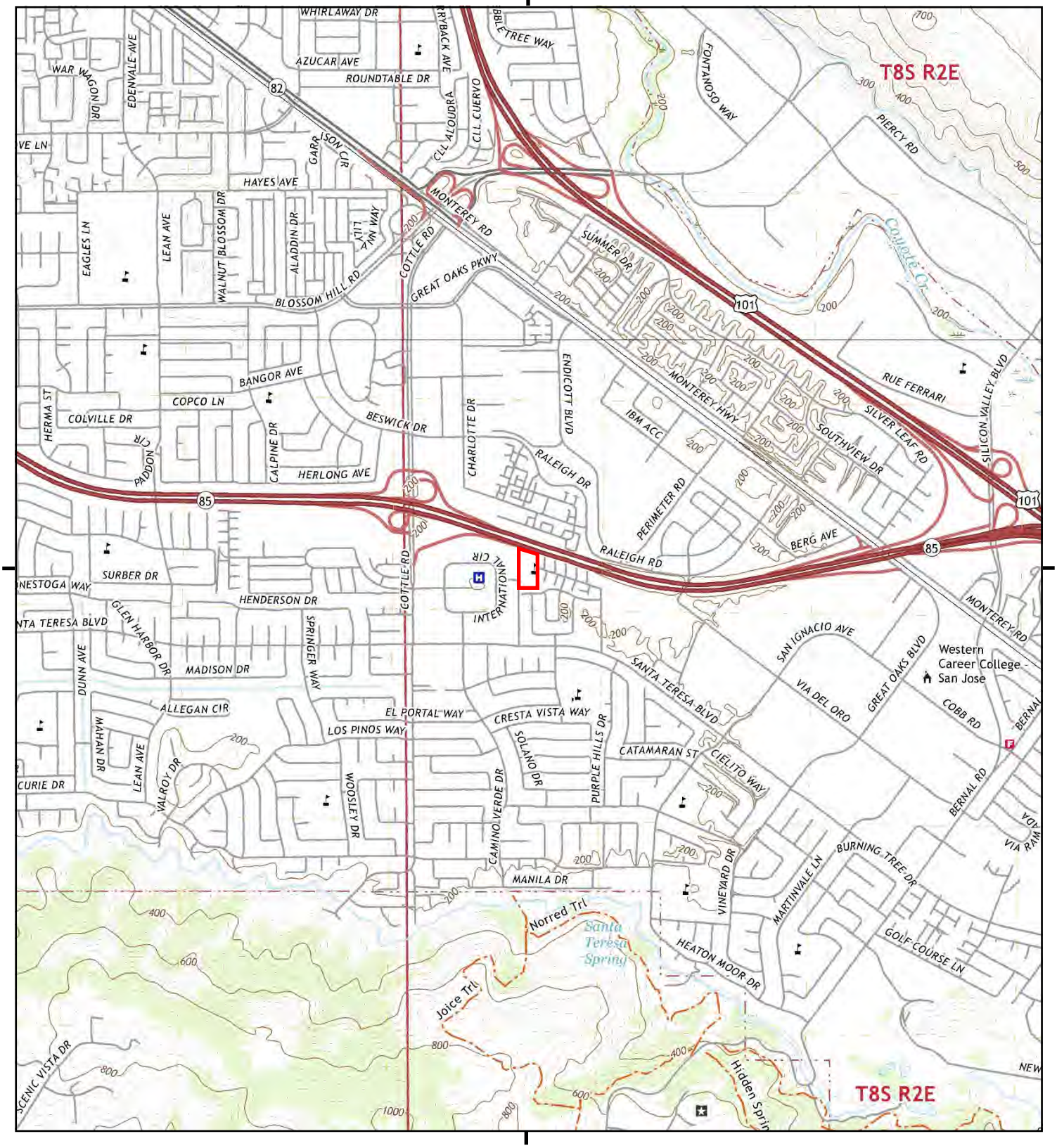
San Jose
1897
15-minute, 62500

1889 Source Sheets

San Jose
1889
15-minute, 62500

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

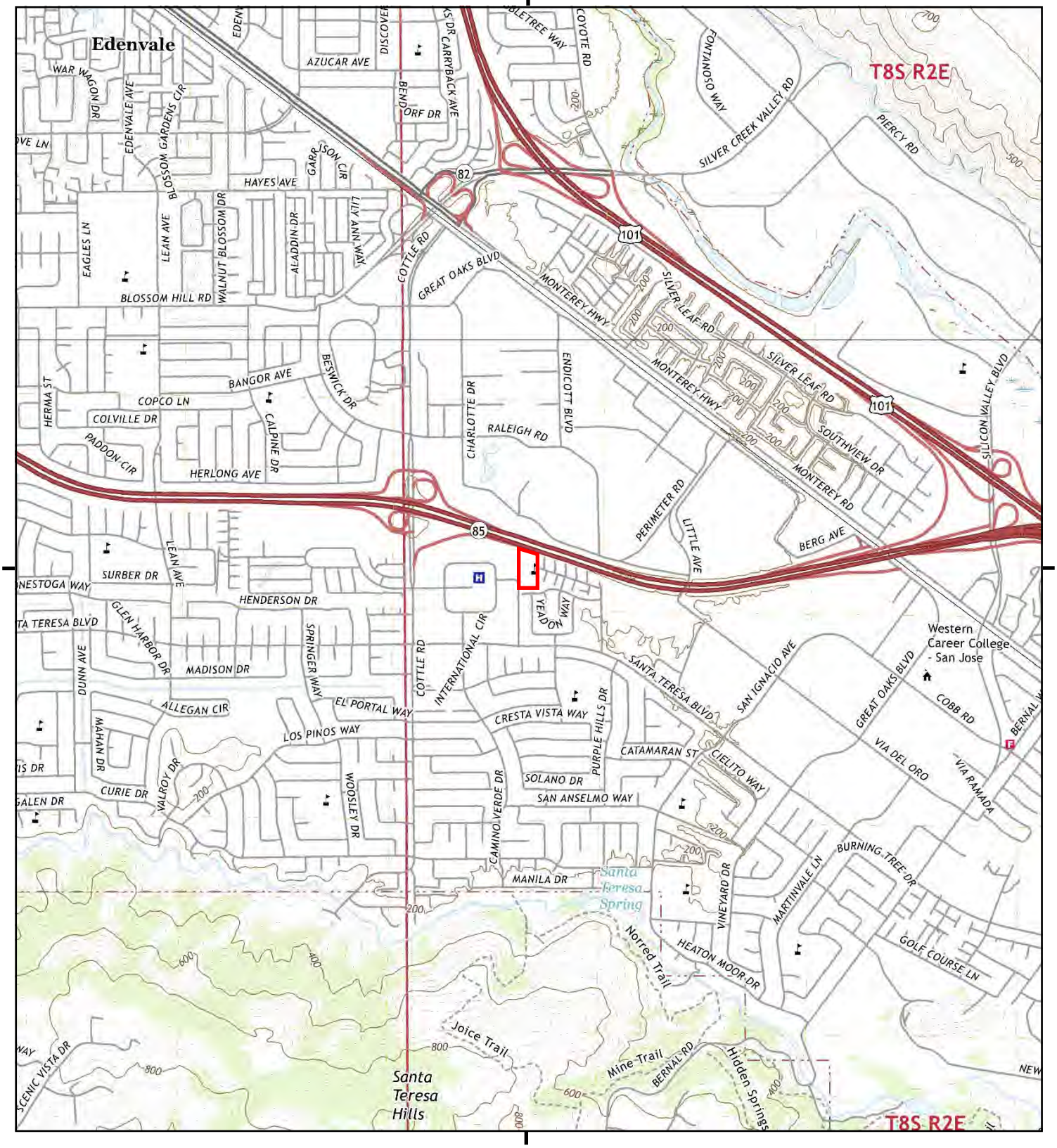
TP, Santa Teresa Hills, 2021, 7.5-minute
N, San Jose East, 2021, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

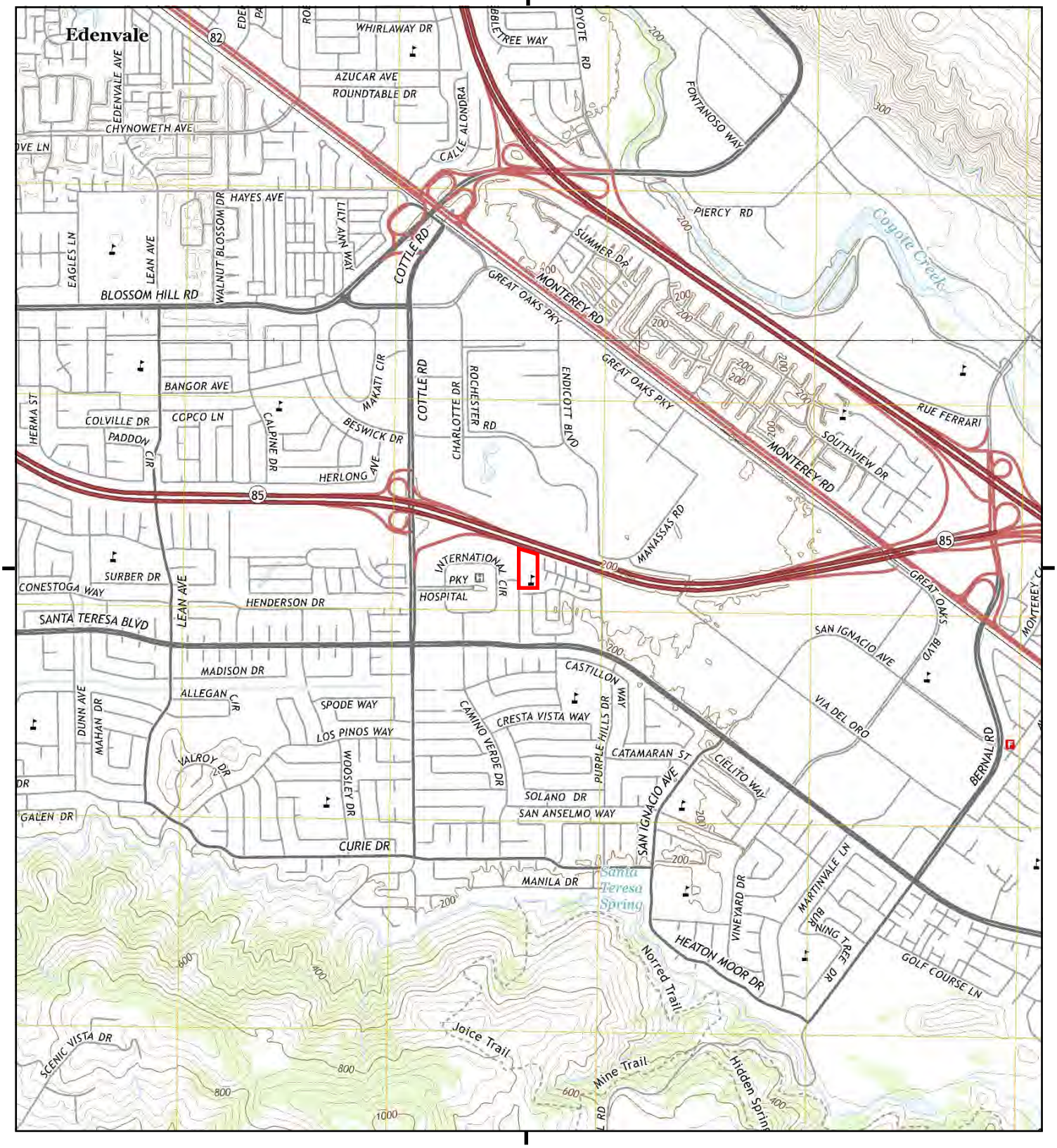
TP, Santa Teresa Hills, 2018, 7.5-minute
N, San Jose East, 2018, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

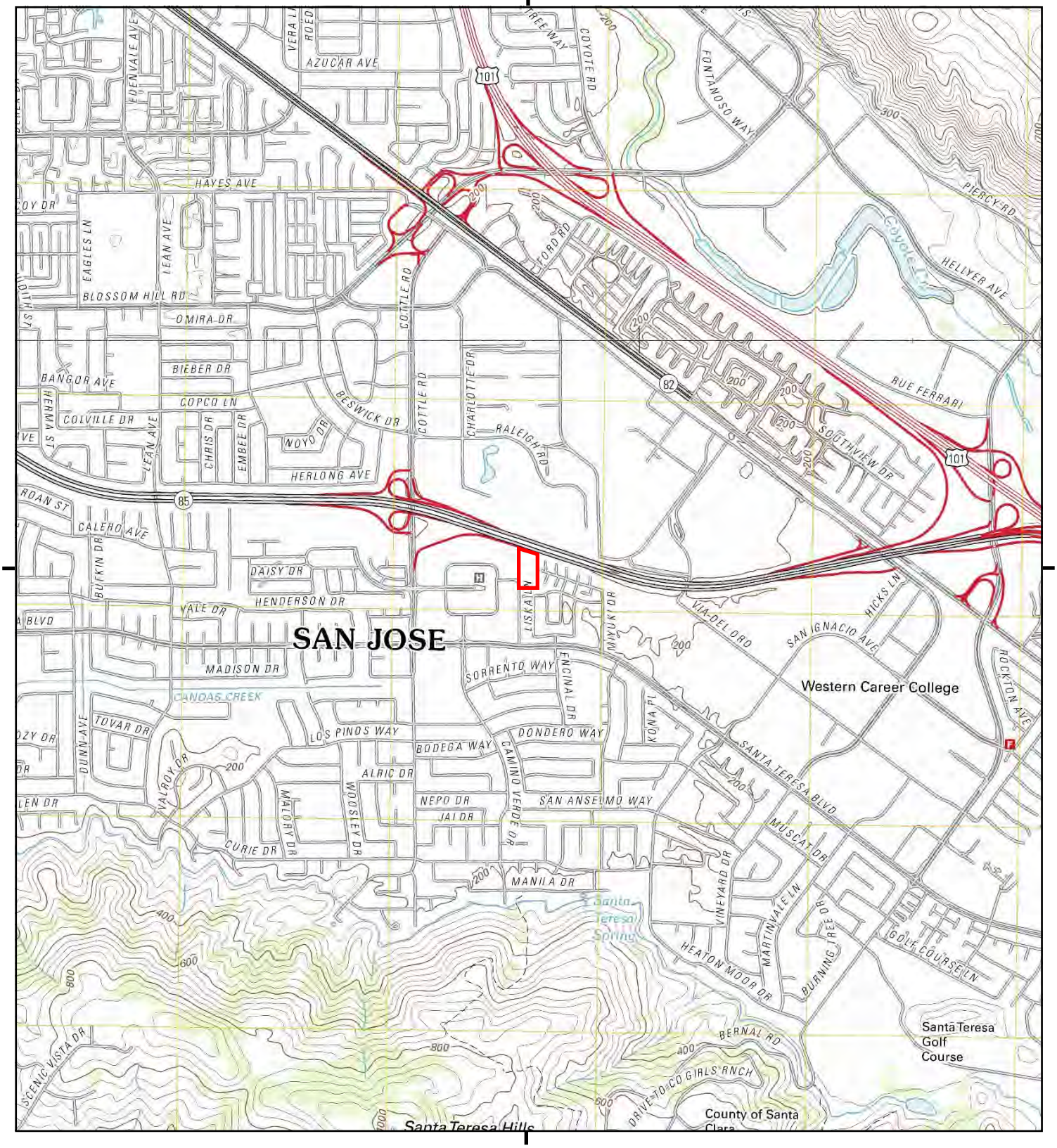
TP, Santa Teresa Hills, 2015, 7.5-minute
N, San Jose East, 2015, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

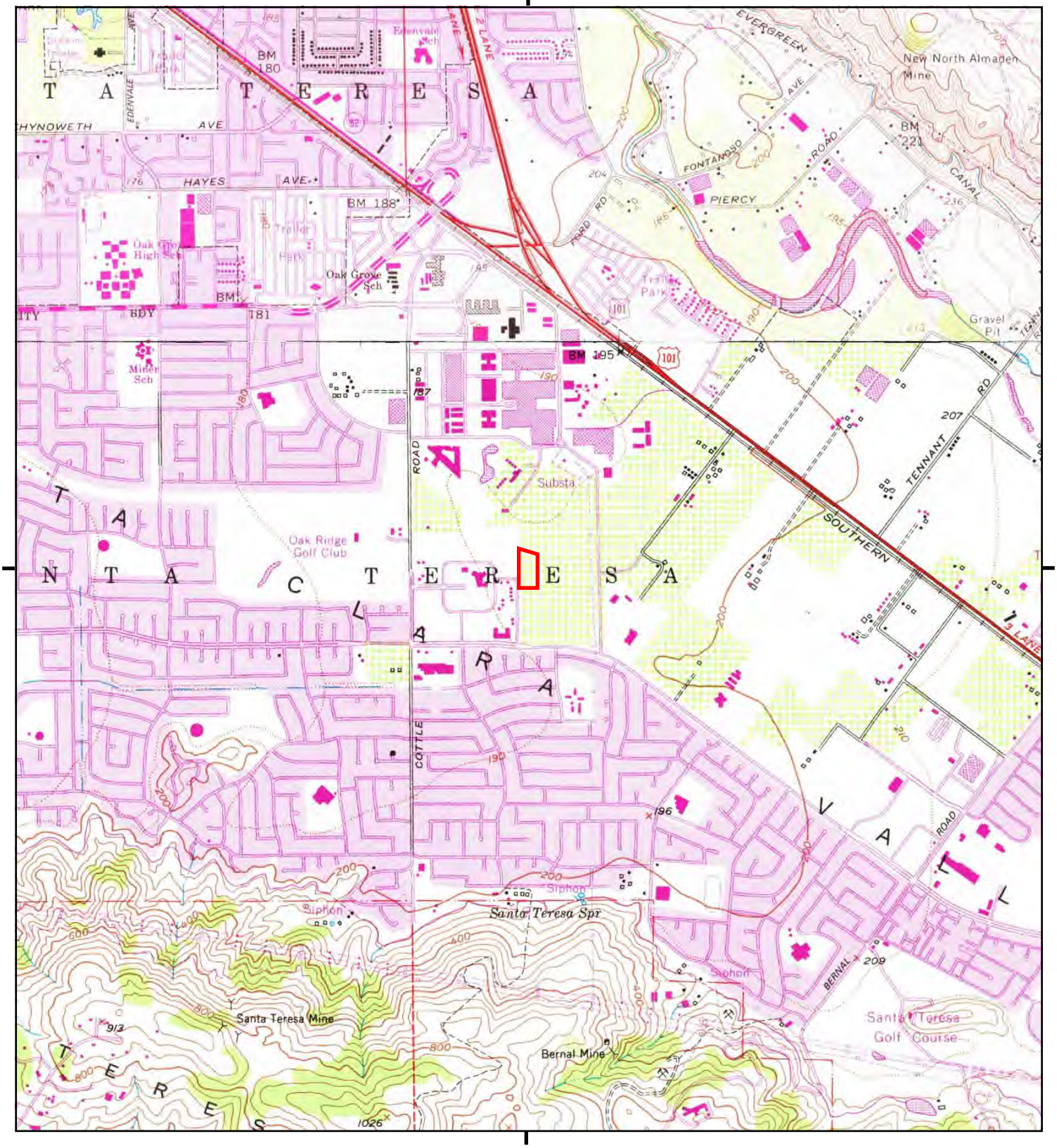
TP, Santa Teresa Hills, 2012, 7.5-minute
N, San Jose East, 2012, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

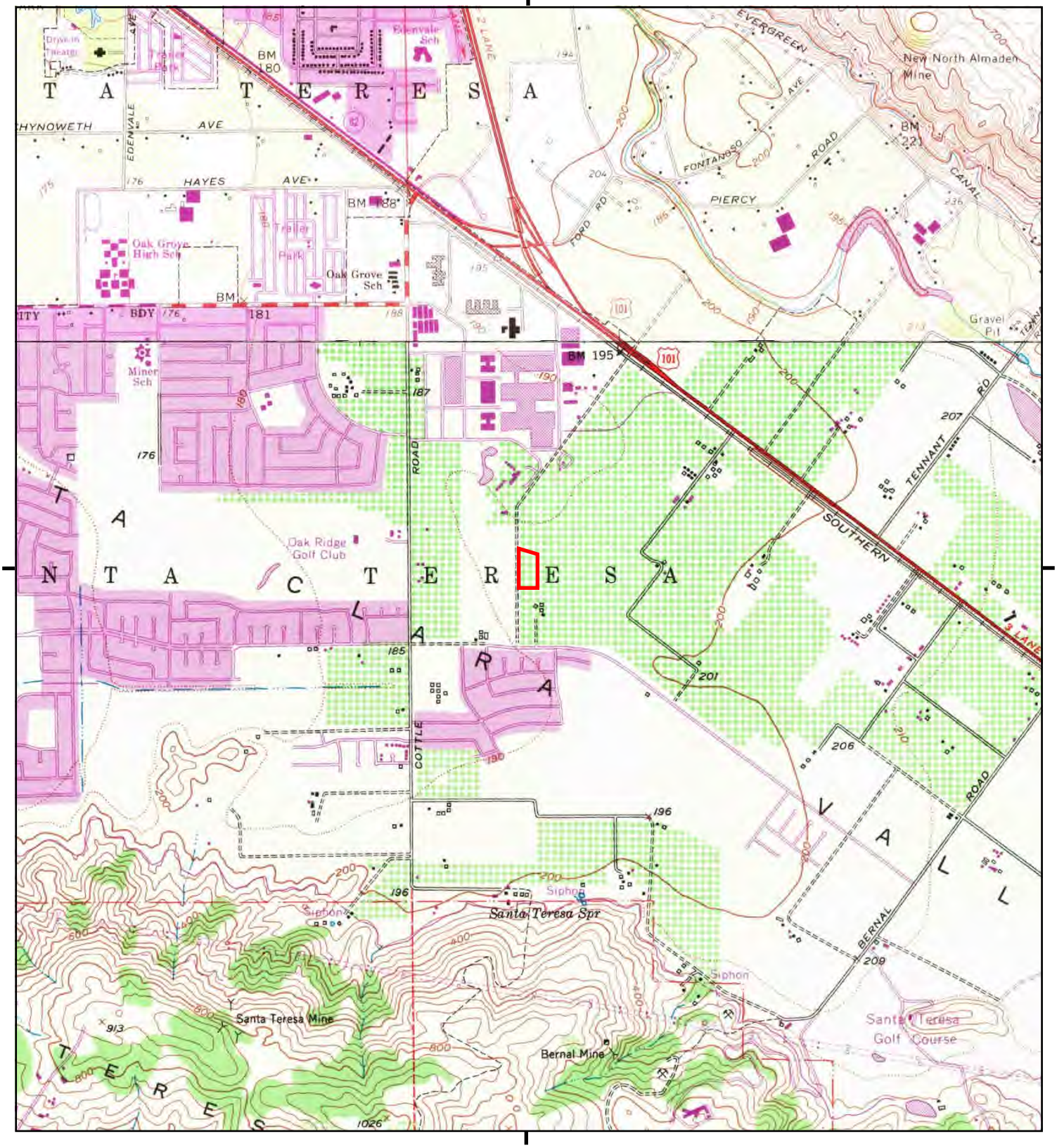
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Teresa Hills, 1980, 7.5-minute
N, San Jose East, 1980, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

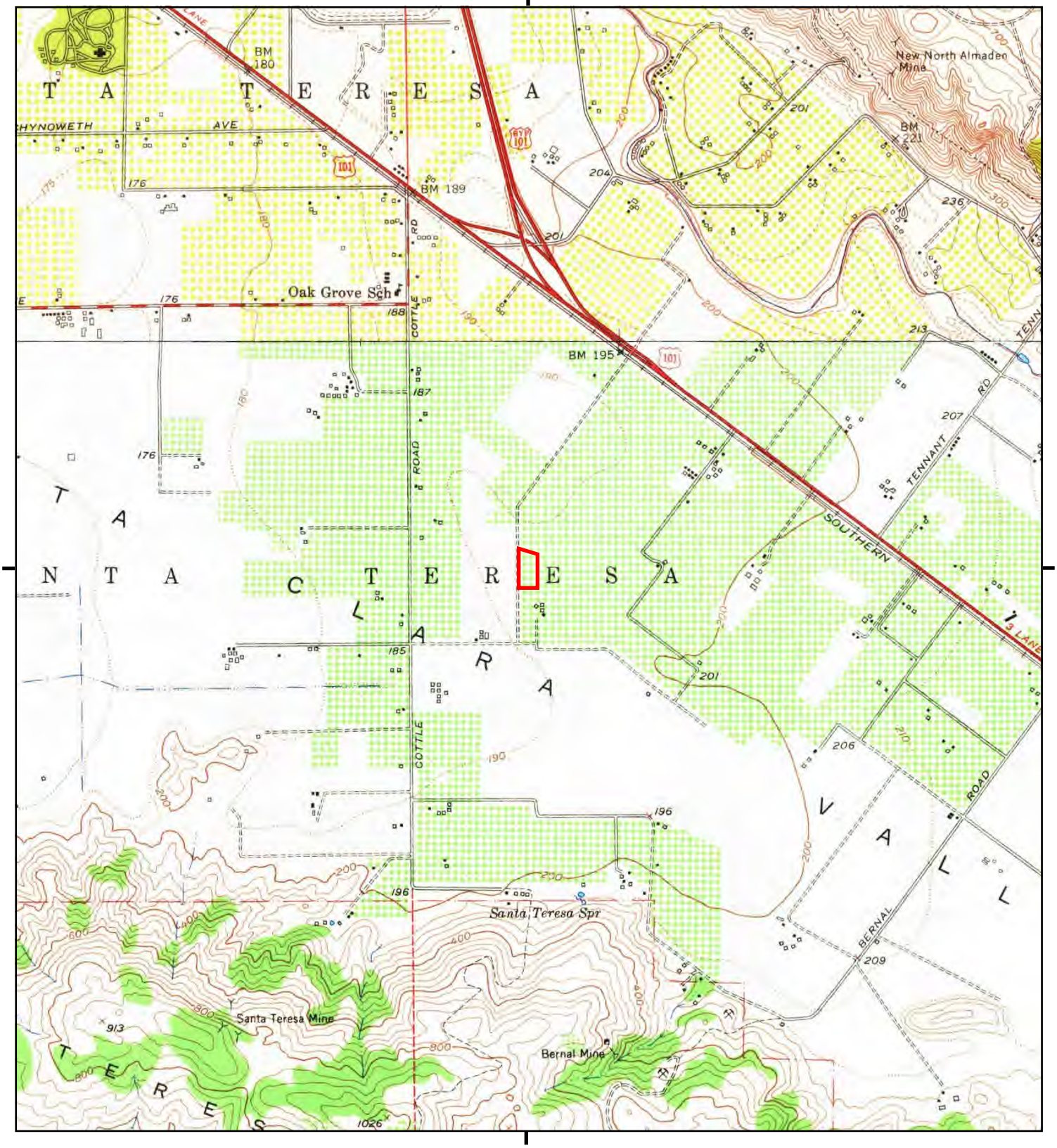
TP, Santa Teresa Hills, 1968, 7.5-minute
N, San Jose East, 1968, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

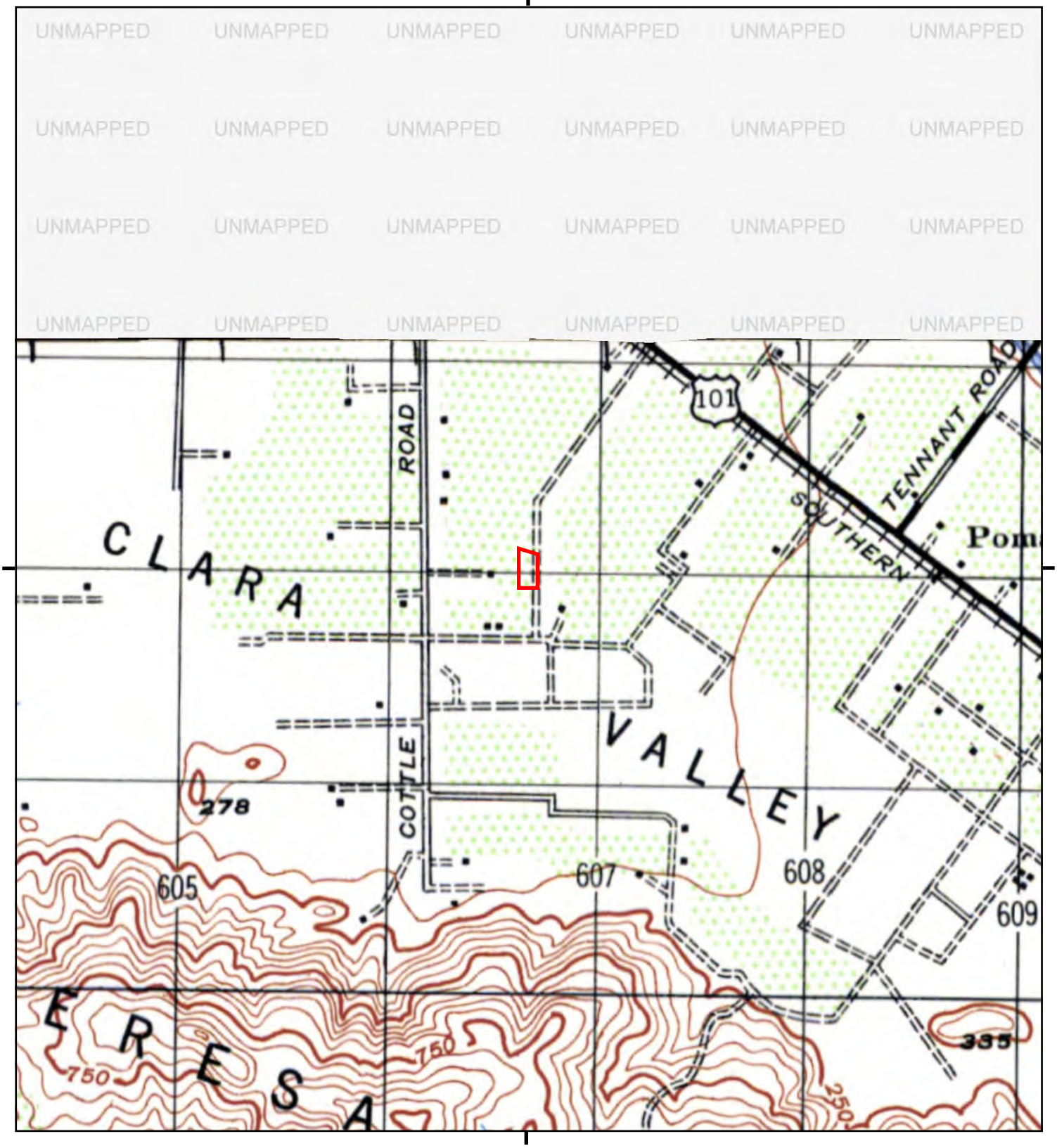
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Teresa Hills, 1953, 7.5-minute
N, San Jose East, 1953, 7.5-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

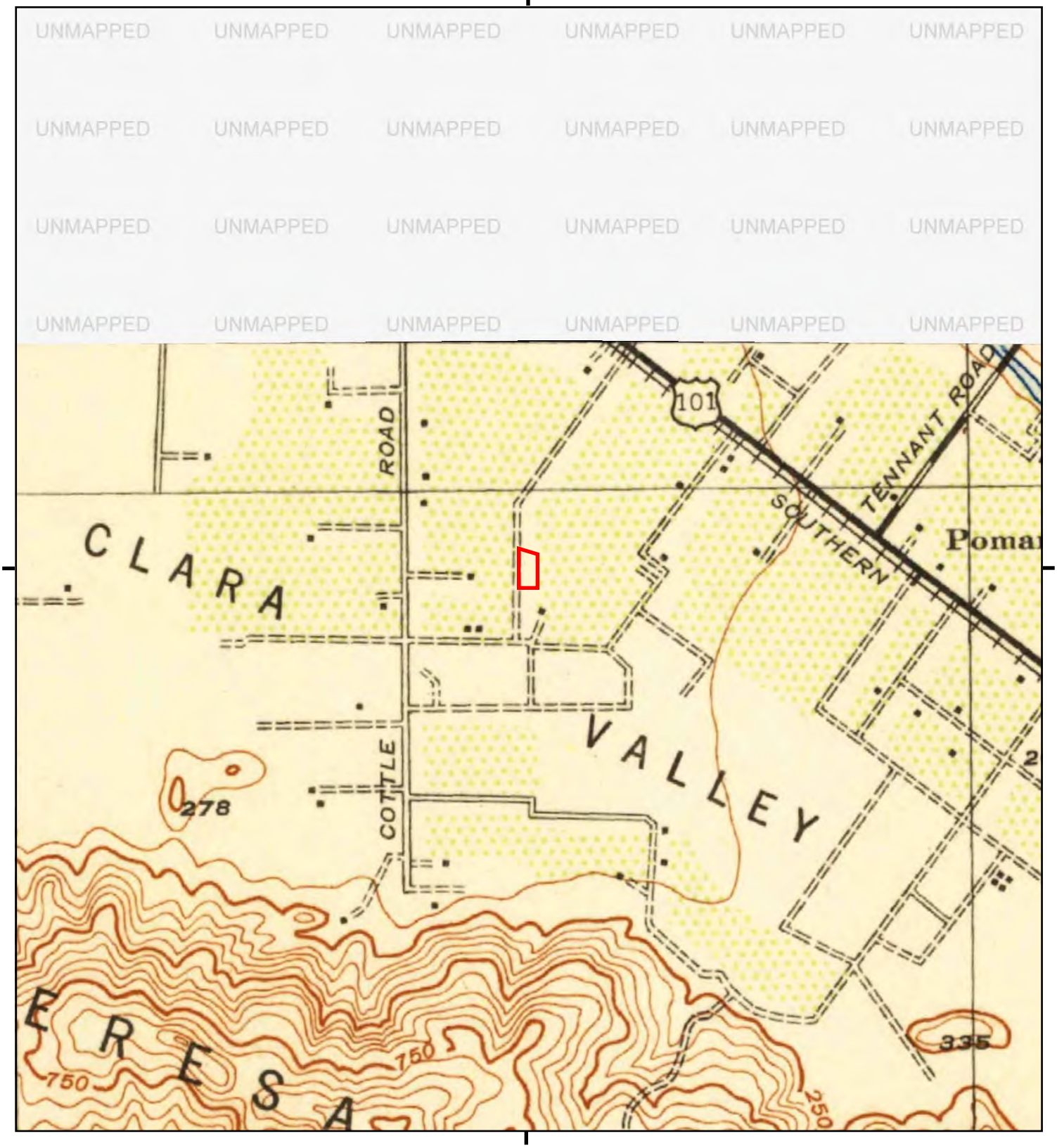
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, LOS GATOS, 1947, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

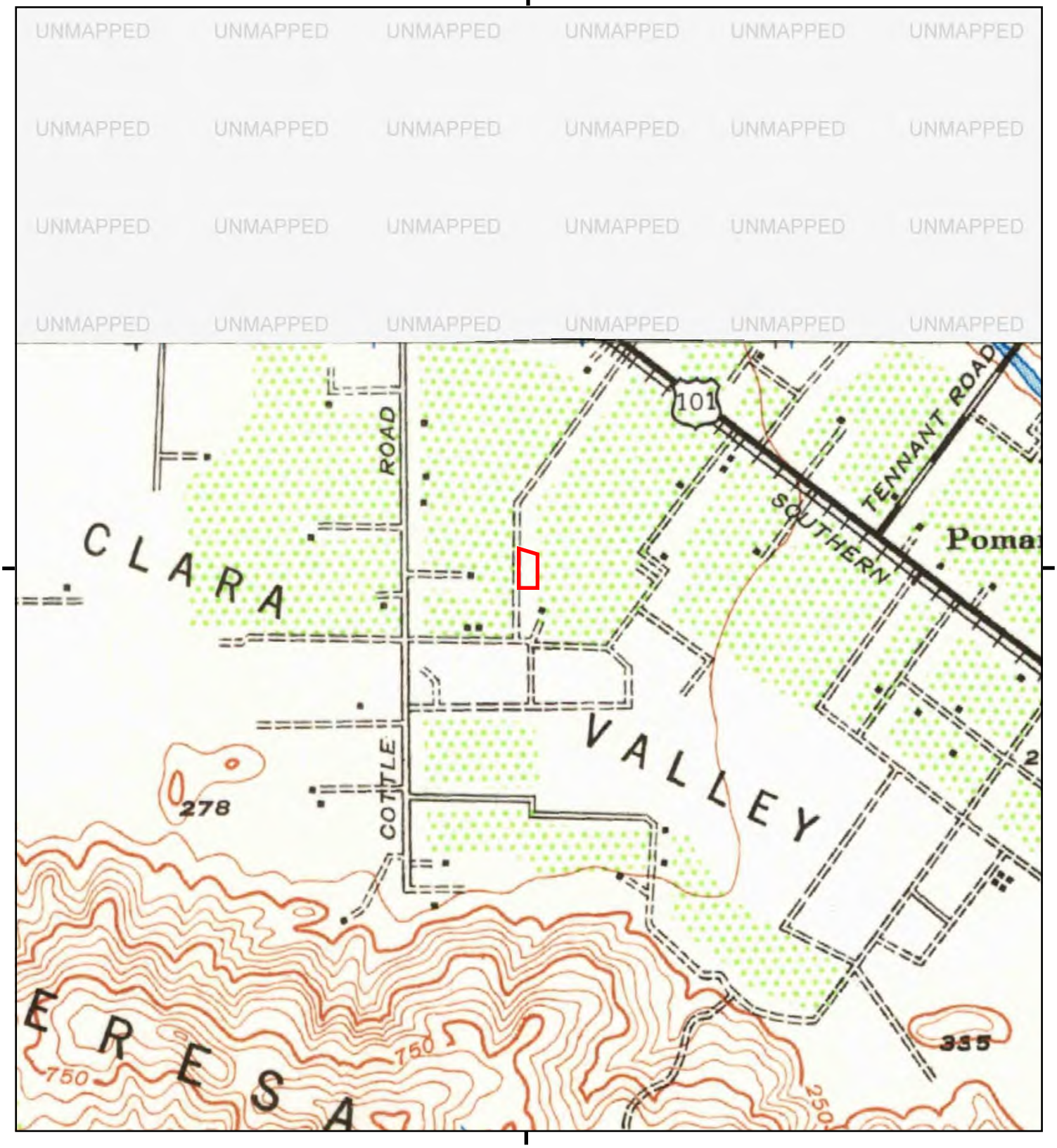
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Gatos, 1943, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

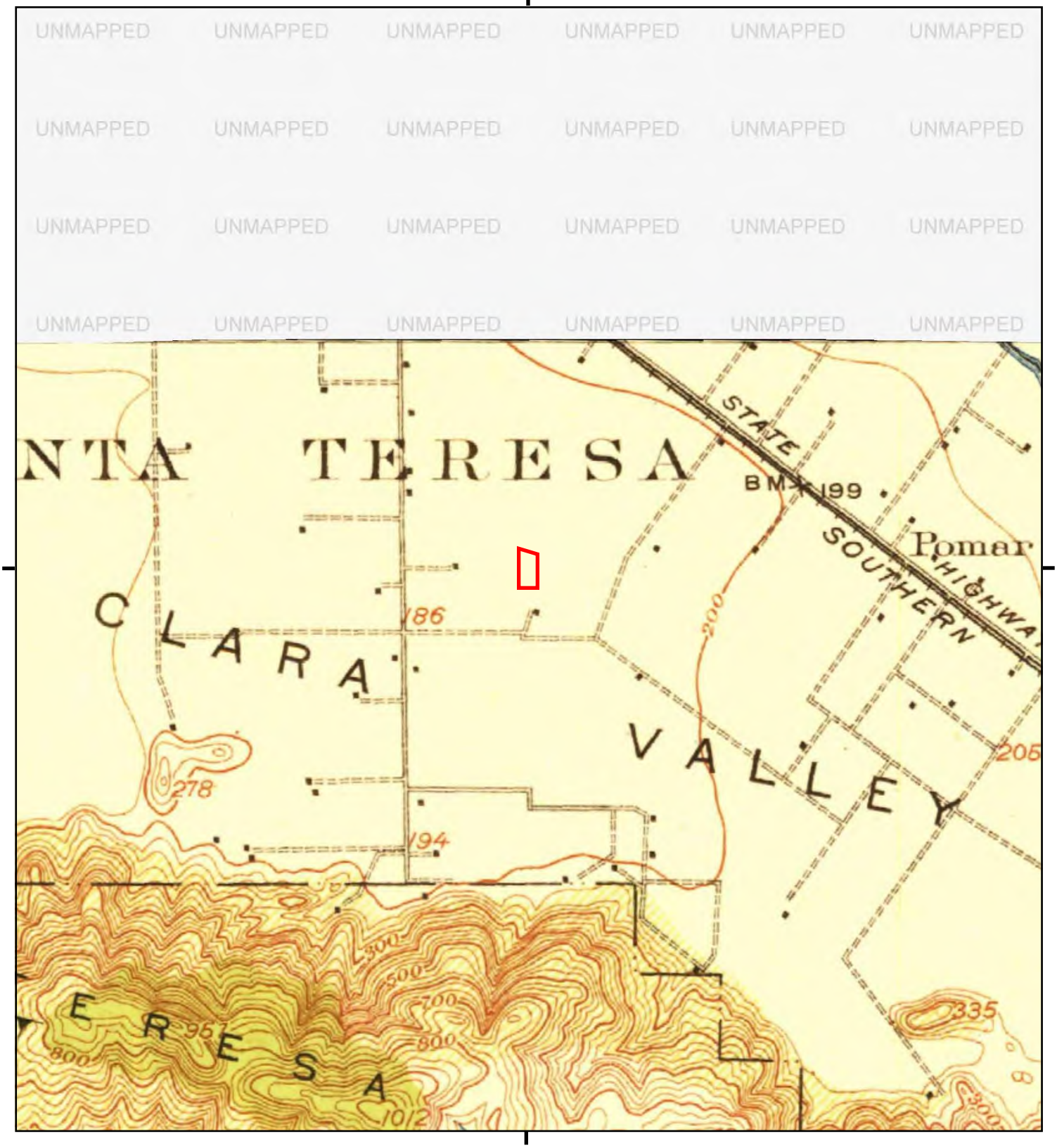
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Gatos, 1940, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

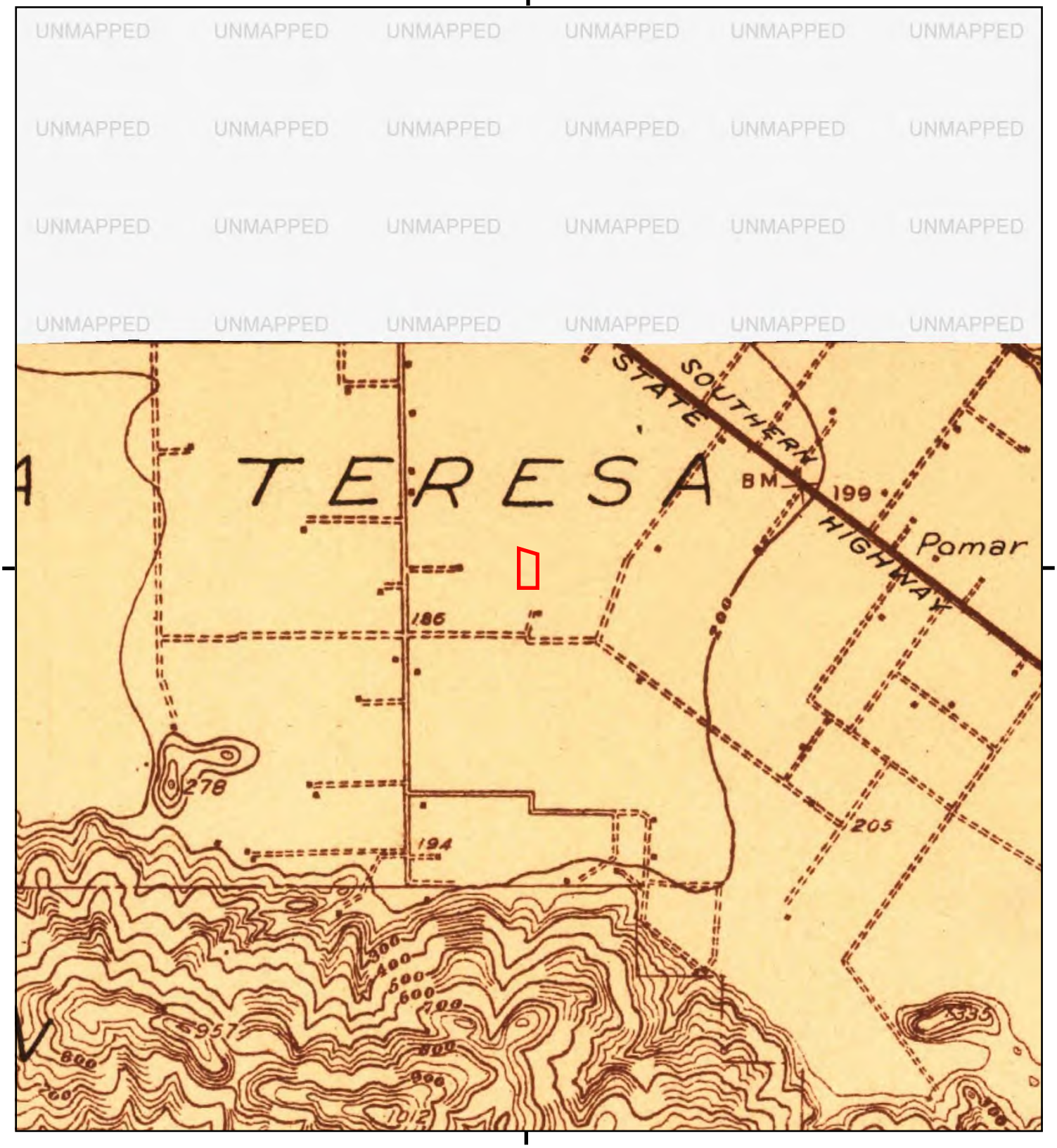
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, New Almaden, 1919, 15-minute
TP, Los Gatos, 1919, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



This report includes information from the following map sheet(s).

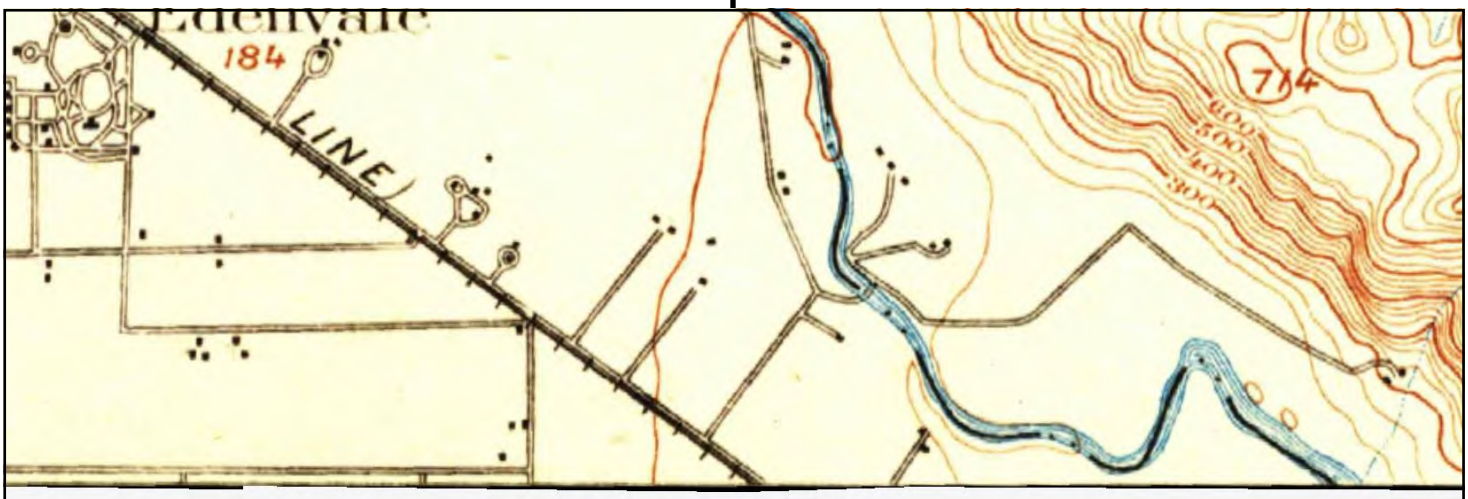
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, New Almaden, 1916, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



UNMAPPED

This report includes information from the following map sheet(s).

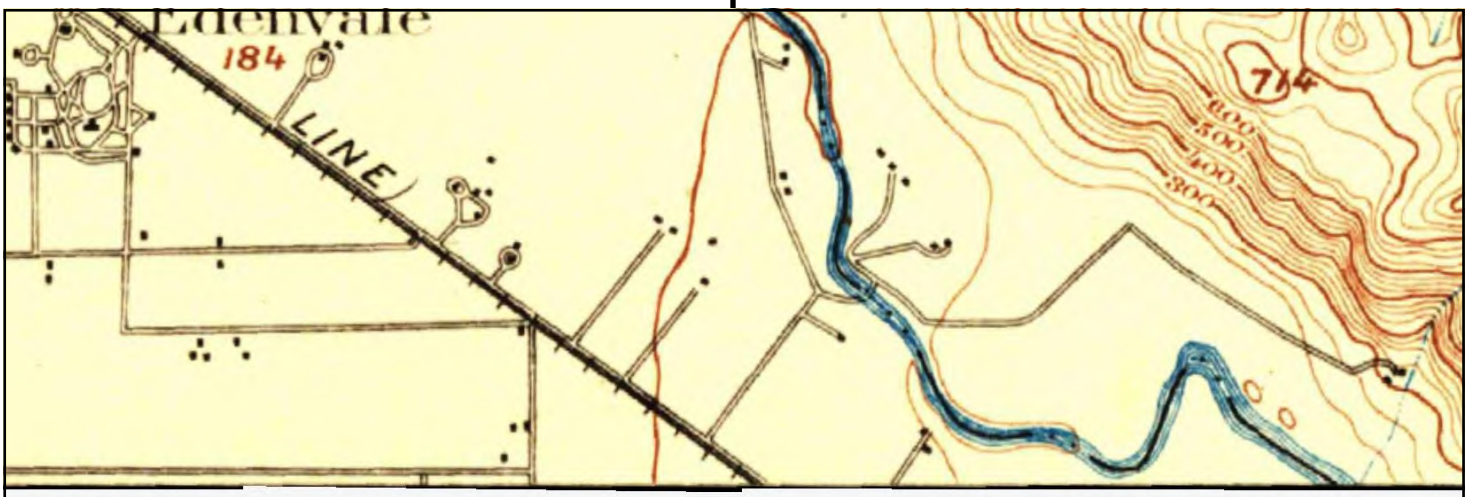
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NW, San Jose, 1899, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N



UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NW, San Jose, 1897, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NW, San Jose, 1889, 15-minute

SITE NAME: 6120 Liska Lane
ADDRESS: 6120 Liska Lane
San Jose, CA 95119
CLIENT: Langan

N

6120 Liska Lane
6120 Liska Lane
San Jose, CA 95119

Inquiry Number: 7533641.5
January 04, 2024

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	X	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2006	Haines Company, Inc.	X	X	X	-
2005	Cole Information	X	X	X	-
2001	Haines Company, Inc.	-	-	-	-
2000	Cole Information	X	X	X	-
	Haines & Company	X	X	X	-
1996	Pacific Bell	X	X	X	-
1995	Cole Information	-	X	X	-
1992	Cole Information	-	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1982	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1980	Pacific Telephone	-	X	X	-
1978	R. L. Polk & Co.	-	-	-	-
1975	R. L. Polk Co.	-	-	-	-
1974	R. L. Polk Co.	-	-	-	-
1970	R. L. Polk Co.	-	-	-	-
1968	R. L. Polk Co.	-	-	-	-
1966	R. L. POLK	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1964	R. L. Polk Co.	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk Co.	-	-	-	-
1957	R. L. Polk Co.	-	-	-	-
1955	R.L. Polk and Co Publishers	-	-	-	-
1950	R. L. Polk Co.	-	-	-	-
1946	R. L. Polk Co.	-	-	-	-
1945	R. L. Polk Co.	-	-	-	-
1942	R.L. Polk	-	-	-	-
1940	R. L. Polk Co.	-	-	-	-
1936	R. L. Polk Co.	-	-	-	-
1935	R. L. Polk Co.	-	-	-	-
1931	R. L. Polk Co.	-	-	-	-
1930	R. L. Polk Co. of California	-	-	-	-
1926	R. L. Polk Co.	-	-	-	-
1925	R. L. Polk Co.	-	-	-	-
1922	R. L. Polk Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

6120 Liska Lane
San Jose, CA 95119

FINDINGS DETAIL

Target Property research detail.

LISKA LN

6120 LISKA LN

Year	*Uses*	*Source*
2020	BRIGHT HORIZONS	EDR Digital Archive
2014	BRIGHT HORIZONS CHILDRENS CENTER AT	Cole Information
2010	BRIGHT HORIZONS FAMILY SLTNS	Cole Information
2006	BRIGHT HORIZONS	Haines Company, Inc.
	CHILDRENS CTR	Haines Company, Inc.
2005	BRIGHT HORIZONS AT SAN JOSE	Cole Information
2000	BRIGHT HORIZONS CHILDRENS CENTER AT SAN JOSE	Cole Information
	BRIGKHT HORIZONS CHILDRENS CTR	Haines & Company
1996	PRODIGY CHILD DEVELOPMENT CENTER	Pacific Bell

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

276 INTERNATIONAL CIR

1 276 INTERNATIONAL CIR

Year	Uses	Source
2017	KAISER PERMANENTE	Cole Information

CEANOTHUS LN

6260 CEANOTHUS LN

Year	Uses	Source
2017	VARUN BHASIN	Cole Information
2014	REBECCA LINTON	Cole Information
2010	REBECCA LINTON	Cole Information
2006	UNTON Rebecca	Haines Company, Inc.
2005	REBECCA LINTON	Cole Information
2000	REBECCA LINTON	Cole Information
	FISTER Stephen	Haines & Company

6261 CEANOTHUS LN

Year	Uses	Source
2020	STEPHON SANDS	EDR Digital Archive
2017	CLIFFORD TUEL	Cole Information
2014	CLIFFORD TUEL	Cole Information
2010	CLIFFORD TUEL	Cole Information
2006	TUEL Clifford	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	WING FUNG	Cole Information
	FUNG Wing	Haines & Company
	LI Ping	Haines & Company

FINDINGS

6264 CEANOTHUS LN

Year	Uses	Source
2020	CYNTHIA MADRIGAL--ROSALES	EDR Digital Archive
	WENDY KRIKORIAN	EDR Digital Archive
	MING SO	EDR Digital Archive
2017	VINCENT MARIANI	Cole Information
2014	KAMAL RAPAL	Cole Information
2010	WENDY KRIKORIAN	Cole Information
2006	MACCALLI Ermanno	Haines Company, Inc.
2005	ERMANNO MACCALLI	Cole Information
2000	MASOOD GHASEMIAN	Cole Information
	GHASEMIAN Masood	Haines & Company

6265 CEANOTHUS LN

Year	Uses	Source
2020	CAITLIN WILDESON	EDR Digital Archive
	ISAAC WILDESON	EDR Digital Archive
2017	ISAAC WILDESON	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	WATTS Robert	Haines Company, Inc.
2005	SHERRIE WATTS	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	BLOOD Dollie	Haines & Company

6268 CEANOTHUS LN

Year	Uses	Source
2020	JULIBETH CAR	EDR Digital Archive
2017	FRANKLIN CUTARAN	Cole Information
2014	FRANKLIN CUTARAN	Cole Information
2010	FRANKLIN CUTARAN	Cole Information
2006	CUTARAN Franldin G	Haines Company, Inc.
2005	JIA LEE	Cole Information
2000	WENDY LEE	Cole Information
	STROMBERG Mark F	Haines & Company

FINDINGS

Year	Uses	Source
1996	Stromberg Mark F	Pacific Bell

6269 CEANOTHUS LN

Year	Uses	Source
2020	MARY DENHAM	EDR Digital Archive
	NORMAN DRESSLER	EDR Digital Archive
	RYAN LOPEZ	EDR Digital Archive
	DIGNA NICIO	EDR Digital Archive
2017	NORMAN DRESSLER	Cole Information
2014	RYAN LOPEZ	Cole Information
2010	JENNIFER BLAIR	Cole Information
2006	ARCHULETA Marissa	Haines Company, Inc.
2005	SHAWNA CREAL	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	COLEMAN Charles	Haines & Company

6272 CEANOTHUS LN

Year	Uses	Source
2020	MARK POWELL	EDR Digital Archive
2017	MARK POWELL	Cole Information
2014	MARK POWELL	Cole Information
2010	MARK POWELL	Cole Information
2006	POWELL Mark	Haines Company, Inc.
2005	MARK POWELL	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	POWELL Mark	Haines & Company

6273 CEANOTHUS LN

Year	Uses	Source
2020	JESSE CASTANEDA	EDR Digital Archive
	JOHANA CORDERO	EDR Digital Archive
2017	JESSE CASTANEDA	Cole Information
2014	JESSE CASTANEDA	Cole Information
2010	JESSE CASTANEDA	Cole Information

FINDINGS

Year	Uses	Source
2006	CASTANEDA Jesse	Haines Company, Inc.
2000	PITTMAN Janet	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6276 CEANOTHUS LN

Year	Uses	Source
2020	QUDRATULLAH NASRATY	EDR Digital Archive
	NEELAAB NASRATY	EDR Digital Archive
2017	QUDRATULLAH NASRATY	Cole Information
2014	QUDRATULLAH NASRATY	Cole Information
2010	QUDRATULLAH NASRATY	Cole Information
2006	NASRATY Qudratbllah	Haines Company, Inc.
2005	KARIMA DAOUDI	Cole Information
2000	KARIMA DAOUDI	Cole Information
	BISH Christopher	Haines & Company

6277 CEANOTHUS LN

Year	Uses	Source
2020	JOANN MEDINA	EDR Digital Archive
2017	JOANN MEDINA	Cole Information
2014	JOANN MEDINA	Cole Information
2010	JOANN MEDINA	Cole Information
2006	MEDINA Joann	Haines Company, Inc.
2005	JARED KRONER	Cole Information
2000	EICHENBAUM Douglas	Haines & Company

6280 CEANOTHUS LN

Year	Uses	Source
2017	KIMBALL LE	Cole Information
2014	BRIAN FISCHER	Cole Information
	SUZANNE TOY	Cole Information
2006	FISCHER Bdan	Haines Company, Inc.
	KIM Sool	Haines Company, Inc.
2005	MINDI FISCHER	Cole Information

FINDINGS

Year	Uses	Source
2000	COUSINEAU Todd	Haines & Company

6281 CEANOTHUS LN

Year	Uses	Source
2020	IMAD BAZ	EDR Digital Archive
2017	MARK BAZ	Cole Information
2014	MARK BAZ	Cole Information
2010	IMAD BAZ	Cole Information
2006	o BAZImad	Haines Company, Inc.
2005	KARINA PHILYAW	Cole Information
2000	DAVID COGAN	Cole Information
	COGAN Dave	Haines & Company

6284 CEANOTHUS LN

Year	Uses	Source
2020	DAVID ZENK	EDR Digital Archive
	JENNIFER ZENK	EDR Digital Archive
2017	DAVID ZENK	Cole Information
2014	DAVID ZENK	Cole Information
2010	DAVID ZENK	Cole Information
2006	a ZENK David	Haines Company, Inc.
2000	GILKEY Geraldine	Haines & Company
	G GILKEY	Cole Information

6285 CEANOTHUS LN

Year	Uses	Source
2020	BOB AVILA	EDR Digital Archive
2017	BOB AVILA	Cole Information
2014	BOB AVILA	Cole Information
2010	BOB AVILA	Cole Information
2006	FJELLSTAD John	Haines Company, Inc.
2005	JOHN FJELLSTAD	Cole Information
2000	TORREZ Eric	Haines & Company

FINDINGS

6288 CEANOTHUS LN

Year	Uses	Source
2020	CATHERINE WONG	EDR Digital Archive
2017	ANASTASIA MORRISON	Cole Information
2014	PETER RODRIGUEZ	Cole Information
2010	KAREN DOHNER	Cole Information
2006	a TADA Clinton	Haines Company, Inc.
2005	CLINTON TADA	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	LEAVOLD Maryaon	Haines & Company

6289 CEANOTHUS LN

Year	Uses	Source
2020	LISA BUUCK	EDR Digital Archive
2017	STEVEN BUUCK	Cole Information
2014	STEVEN BUUCK	Cole Information
2006	a DISALVO Susan	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	DISALVO Susan	Haines & Company

CHERYL BECK CT

210 CHERYL BECK CT

Year	Uses	Source
2020	MARIE NGUYEN	EDR Digital Archive
2014	JAMES KELLEHER	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	DANGTrung	Haines Company, Inc.
2005	TRUNG DANG	Cole Information
2000	DANG Trung	Haines & Company

211 CHERYL BECK CT

Year	Uses	Source
2020	KARIN GODDARD	EDR Digital Archive
	LARRY GODDARD	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	ERIC GODDARD	EDR Digital Archive
2017	LAWRENCE GODDARD	Cole Information
2014	LARRY GODDARD	Cole Information
2010	PAUL GODDARD	Cole Information
2006	a GODDARD Larry	Haines Company, Inc.
2005	PAUL GODDARD	Cole Information
2000	GODDARD Larry	Haines & Company

214 CHERYL BECK CT

Year	Uses	Source
2020	WEI JIAYOU	EDR Digital Archive
2017	REBECCA LINTON	Cole Information
2014	ANISH PATEL	Cole Information
2010	ANISH PATEL	Cole Information
2006	PATELRItesh	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	PHILLIPS Peggy	Haines & Company

215 CHERYL BECK CT

Year	Uses	Source
2020	SAMIR GADKARI	EDR Digital Archive
	DARSHANA GADKARI	EDR Digital Archive
2017	SAMIR GADKARI	Cole Information
2014	SAMIR GADKARI	Cole Information
2010	SAMIR GADKARI	Cole Information
2006	a GADKARI Samilr	Haines Company, Inc.
2005	SAMIR GADKARI	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	ARNOTT Stuard	Haines & Company

218 CHERYL BECK CT

Year	Uses	Source
2020	BHAVESH SHAH	EDR Digital Archive

Year	Uses	Source
2020	JULIA SHAH	EDR Digital Archive
2017	BHAVESH SHAH	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	BHAVESH SHAH	Cole Information
2006	SHAHBhtavesh	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	SHAH Bhavesh	Haines & Company

219 CHERYL BECK CT

Year	Uses	Source
2020	JON-JAY MONTEMAYOR	EDR Digital Archive
2017	TODD OLIVER	Cole Information
2014	PAUL SEGURITAN	Cole Information
2010	NEIL MERRITT	Cole Information
2006	a MERRITTNell	Haines Company, Inc.
2000	HOLLINGSWORTH S H	Haines & Company
	LOCK R S	Haines & Company
	P RATNAPARKHI	Cole Information

CHERYL BECK DR

170 CHERYL BECK DR

Year	Uses	Source
2020	RAFIA NAJAM	EDR Digital Archive
	SYED HUSSAIN	EDR Digital Archive
2017	SYED HUSSAIN	Cole Information
2014	ADESH TYAGI	Cole Information
2010	MARK WONG	Cole Information
2006	a KUMARNirdosh	Haines Company, Inc.
2005	MARK WONG	Cole Information
2000	WONG Mark	Haines & Company

172 CHERYL BECK DR

Year	Uses	Source
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

174 CHERYL BECK DR

Year	Uses	Source
2020	JARED SEWELL	EDR Digital Archive
	RACHEL SEWELL	EDR Digital Archive
	GEOFF SEWELL	EDR Digital Archive
	SILY JOSEPH	EDR Digital Archive
2017	GEOFFERY SEWELL	Cole Information
2014	SILY JOSEPH	Cole Information
2010	GEOFFERY SEWELL	Cole Information
2006	SEWELL Geoffery	Haines Company, Inc.
2000	SEWELL Geoffery	Haines & Company

178 CHERYL BECK DR

Year	Uses	Source
2020	JEFFREY BAKER	EDR Digital Archive
	LUCAS PETTINATI	EDR Digital Archive
2017	LUCAS PETTINATI	Cole Information
2014	JEFFREY BAKER	Cole Information
2010	LUCAS PETTINATI	Cole Information
2006	a PETTINATI Lucas	Haines Company, Inc.
2005	LUCAS PETTINATI	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	JARKA David	Haines & Company

182 CHERYL BECK DR

Year	Uses	Source
2020	MANDA SRINIVAS	EDR Digital Archive
2017	ASHRAF THARWANI	Cole Information
2014	MURAD THARWANI	Cole Information
2010	ASHRAF THARWANI	Cole Information
2006	a THARWANIAshraf	Haines Company, Inc.
2005	ASHRAF THARWANI	Cole Information
2000	DEBRA LEE	Cole Information
	LEE Gerald	Haines & Company
	MASON Dann	Haines & Company

FINDINGS

183 CHERYL BECK DR

Year	Uses	Source
2020	ALEXANDER GRIMM	EDR Digital Archive
	MICHAEL GRIMM	EDR Digital Archive
2017	MICHAEL GRIMM	Cole Information
2014	MICHAEL GRIMM	Cole Information
2010	MICHAEL GRIMM	Cole Information
2006	GRIMM Michael	Haines Company, Inc.
2005	ENRIQUE DURAN	Cole Information
2000	ENRIQUE DURAN	Cole Information
	DURAN Ennque	Haines & Company

186 CHERYL BECK DR

Year	Uses	Source
2020	GLORIBELLE GOMEZ	EDR Digital Archive
	JOAO HENRIQUES	EDR Digital Archive
2017	JUAN GOMEZ	Cole Information
2014	JUAN GOMEZ	Cole Information
2010	JUAN GOMEZ	Cole Information
2006	GOMEZ Glorbelle	Haines Company, Inc.
	GOMEZJuan	Haines Company, Inc.
	ORTIZ Glorbelle	Haines Company, Inc.
2005	JUAN GOMEZ	Cole Information
2000	JUAN GOMEZ	Cole Information
	BRAR Kalpinder	Haines & Company
1996	Brar Jag Jlt	Pacific Bell

187 CHERYL BECK DR

Year	Uses	Source
2020	BEC LLC	EDR Digital Archive
	KUNTAL PATEL	EDR Digital Archive
	BRIJALBEN KUNTAL	EDR Digital Archive
2017	BENEDICT CENDANA	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	BENEDICT CENDANA	Cole Information

FINDINGS

Year	Uses	Source
2006	a CENDANA Benedict	Haines Company, Inc.
2005	BENEDICT CENDANA	Cole Information
2000	CENDANA Benedict	Haines & Company

190 CHERYL BECK DR

Year	Uses	Source
2020	JEFFREY TUCKWOOD	EDR Digital Archive
	PAMELA TUCKWOOD	EDR Digital Archive
2017	JEFFREY TUCKWOOD	Cole Information
2014	JEFFREY TUCKWOOD	Cole Information
2010	JEFFREY TUCKWOOD	Cole Information
2006	TUCKWOOD Jeff	Haines Company, Inc.
2005	JEFFREY TUCKWOOD	Cole Information
2000	TUCKWOOD Jeffrey	Haines & Company

191 CHERYL BECK DR

Year	Uses	Source
2020	JENG LIN	EDR Digital Archive
	ANDREW LIN	EDR Digital Archive
2017	PAMELA CHENG	Cole Information
2014	PAMELA CHENG	Cole Information
2010	ANDREW LIN	Cole Information
2006	LIN Andrew	Haines Company, Inc.
2000	YEH Ping	Haines & Company

195 CHERYL BECK DR

Year	Uses	Source
2020	SHINI ABRAHAM	EDR Digital Archive
	REJI ABRAHAM	EDR Digital Archive
2017	SHINI ABRAHAM	Cole Information
2014	SHINI ABRAHAM	Cole Information
2010	ELIZABETH LOPEZ	Cole Information
2006	a OSHANA Ramell	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information

Year	Uses	Source
2000	MICELI Anthony	Haines & Company

GINASHELL CIR

6200 GINASHELL CIR

Year	Uses	Source
2020	ZEBRA VENTURE INC	EDR Digital Archive
	ZULAIKHA AKBERY	EDR Digital Archive
	ZULAIKHA HOSSEINPUR	EDR Digital Archive
2017	FARAHNAZ MAHBOOBI	Cole Information
2014	FARAHNAZ MAHBOOBI	Cole Information
2010	JAY BRUCE	Cole Information
2006	BRUCEJay	Haines Company, Inc.
2005	JAY BRUCE	Cole Information
2000	MATHIS Bruce	Haines & Company

6204 GINASHELL CIR

Year	Uses	Source
2020	ABHISHEK JAIN	EDR Digital Archive
	REBECCA TRAN	EDR Digital Archive
	CHUNG TRAN	EDR Digital Archive
	CHRISTINE TRAN	EDR Digital Archive
	ABSHISHEK JAIN	EDR Digital Archive
2017	TYLER HENDERSON	Cole Information
2014	TYLER HENDERSON	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	a TRAN Chung	Haines Company, Inc.
2000	MESDJIAN Gary	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6205 GINASHELL CIR

Year	Uses	Source
2020	CHRISTOPHER HOANG	EDR Digital Archive
2017	SUMANTA SATHUA	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information

FINDINGS

Year	Uses	Source
2010	CHRISTOPHER HOANG	Cole Information
2006	a HOANG Christopher	Haines Company, Inc.
2005	CHRISTOPHER HOANG	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	HOANG Christopher	Haines & Company

6208 GINASHELL CIR

Year	Uses	Source
2020	SALVATORE BALISTERI	EDR Digital Archive
	GAETANO BALISTRERI	EDR Digital Archive
	CATHERINE BALISTRERI	EDR Digital Archive
2017	SALVATORE BALISTRERI	Cole Information
2014	SALVATORE BALISTRERI	Cole Information
2010	SALVATORE BALISTRERI	Cole Information
2006	BALISTRERI C	Haines Company, Inc.
	o BALISTRERI	Haines Company, Inc.
	Catherine	Haines Company, Inc.
2005	SALVATORE BALISTRERI	Cole Information
2000	GAETANO BALISTERI	Cole Information
	BALISTRERI Salvatore	Haines & Company

6209 GINASHELL CIR

Year	Uses	Source
2017	SHAHRYAR ARYANI	Cole Information
2014	SHAHRYAR ARYANI	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	a ARYANI Shahryar	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	SHAHRYA ARYANI	Cole Information
	ARYANI Shahryar	Haines & Company
1996	Aryani Shahryar	Pacific Bell

FINDINGS

6212 GINASHELL CIR

Year	Uses	Source
2020	REGINA BARMORE	EDR Digital Archive
	DAVID BARMORE	EDR Digital Archive
2017	DAVID BARMORE	Cole Information
2014	DAVID BARMORE	Cole Information
2010	DAVID BARMORE	Cole Information
2006	BARMORE David	Haines Company, Inc.
2005	JENNIFER PHAM	Cole Information
2000	HWANG Shinhwan	Haines & Company
	NGUYEN Nam	Haines & Company
1996	Hwang Shin Hwan	Pacific Bell

6213 GINASHELL CIR

Year	Uses	Source
2020	GURNAM BAINS	EDR Digital Archive
	BALLINDER BAINS	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	e BAINS Gumam	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	B NAGRA	Cole Information
	KAO David	Haines & Company

6216 GINASHELL CIR

Year	Uses	Source
2020	SON NGUYEN	EDR Digital Archive
	PHUONG NGUYEN	EDR Digital Archive
	HANG NGUYEN	EDR Digital Archive
2017	SON NGUYEN	Cole Information
2014	SON NGUYEN	Cole Information
2010	SON NGUYEN	Cole Information
2006	FARIS Nlkmeh	Haines Company, Inc.
	NIJMEH Jack	Haines Company, Inc.
2005	JACK NIJMEH	Cole Information

FINDINGS

Year	Uses	Source
2000	NIJMEH Jack	Haines & Company

6217 GINASHELL CIR

Year	Uses	Source
2020	RYAN KONRATH	EDR Digital Archive
	ROBERT KONRATH	EDR Digital Archive
	COLLEEN KONRATH	EDR Digital Archive
	GREGORY KONRATH	EDR Digital Archive
2017	GREGORY KONRATH	Cole Information
2014	GREGORY KONRATH	Cole Information
2010	GREGORY KONRATH	Cole Information
2006	KONRATH C	Haines Company, Inc.
	KONRATH G	Haines Company, Inc.
2000	KONRATH Gregory	Haines & Company
	G KONRATH	Cole Information

6220 GINASHELL CIR

Year	Uses	Source
2006	e STEPHANOS Nagui	Haines Company, Inc.
2000	STEPHANOS Nagui	Haines & Company

6221 GINASHELL CIR

Year	Uses	Source
2020	NHU PHAM	EDR Digital Archive
	MICHELE PHAM	EDR Digital Archive
2017	NHU PHAM	Cole Information
2014	NHU PHAM	Cole Information
2010	NHU PHAM	Cole Information
2006	PHAM Nhu	Haines Company, Inc.
2005	NHU PHAM	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	WALLSOM David	Haines & Company

FINDINGS

6224 GINASHELL CIR

Year	Uses	Source
2006	RAO Dlnesh	Haines Company, Inc.
2000	RAO Dinesh	Haines & Company

6225 GINASHELL CIR

Year	Uses	Source
2020	CHANG KIM	EDR Digital Archive
	BRENDA KIM	EDR Digital Archive
	MYONG KIM	EDR Digital Archive
	ESTHER KIM	EDR Digital Archive
2017	MIKE KIM	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	a KIM Chang	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	CHANG KIM	Cole Information
	KIM Chang H	Haines & Company
1996	Kim Chang H	Pacific Bell

6229 GINASHELL CIR

Year	Uses	Source
2006	a KAITOKU Laurie	Haines Company, Inc.
2000	SHY Hoda	Haines & Company

6233 GINASHELL CIR

Year	Uses	Source
2006	a LEXinh	Haines Company, Inc.
2000	ITOW Darren	Haines & Company

6237 GINASHELL CIR

Year	Uses	Source
2006	a NUNEZJesse	Haines Company, Inc.
2000	HSU Tony	Haines & Company

FINDINGS

6284 GINASHELL CIR

Year	Uses	Source
2020	VICTOR LEE	EDR Digital Archive
2017	VICTOR LEE	Cole Information
2014	VICTOR LEE	Cole Information
2010	VICTOR LEE	Cole Information
2006	LEEa lctsr	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	LEE Victor	Haines & Company
	GUAN AIWEN	Cole Information

6285 GINASHELL CIR

Year	Uses	Source
2006	e ROSKOW Marc	Haines Company, Inc.
2000	ROSKOW Marc	Haines & Company

6288 GINASHELL CIR

Year	Uses	Source
2020	RACHELLE CASTENEDA	EDR Digital Archive
	ERWIN CASTENEDA	EDR Digital Archive
2017	ERWIN CASTENEDA	Cole Information
2014	ERWIN CASTENEDA	Cole Information
2010	PARVEER JINDAL	Cole Information
2006	&JINDALNamarta	Haines Company, Inc.
	JINDALParveer	Haines Company, Inc.
2005	PARVEER JINDAL	Cole Information
2000	GANDER Brian	Haines & Company

6289 GINASHELL CIR

Year	Uses	Source
2006	BURGOS Odelon	Haines Company, Inc.
2000	SPERIOSU Simon	Haines & Company

FINDINGS

HOLLY GILLINGHAM LN

6324 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	ZITA DAULTON	EDR Digital Archive
2017	ANDREW DAULTON	Cole Information
2014	ANDREW DAULTON	Cole Information
2010	ANDREW DAULTON	Cole Information
2006	DAULTONZt	Haines Company, Inc.
2005	ANDREW DAULTON	Cole Information
2000	LEEVER Judy	Haines & Company

6325 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	KENNETH LEVENTON	EDR Digital Archive
	CASSANDRA LEVENTON	EDR Digital Archive
2017	KEN LEVENTON	Cole Information
2014	KEN LEVENTON	Cole Information
2010	KEN LEVENTON	Cole Information
2006	a LEVENTON Kenneth	Haines Company, Inc.
2000	SMITH David	Haines & Company
	DELLA DIGGLE	Cole Information

6328 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	JOSEPH BURFIELD	EDR Digital Archive
2017	JOSEPH BURFIELD	Cole Information
2014	JOSEPH BURFIELD	Cole Information
2010	JOSEPH BURFIELD	Cole Information
2006	BURFIELD Joseph	Haines Company, Inc.
2005	JOSEPH BURFIELD	Cole Information
2000	JOSEPH BURFIELD	Cole Information
	BURFIELD Joseph	Haines & Company

FINDINGS

6329 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	CHRISTINE KOTLA	EDR Digital Archive
2017	CHRISTINE KOTLA	Cole Information
2014	KELLY KOTLA	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	HANDAVkas	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	KOTLA Chriatine	Haines & Company
	C KOTTA	Cole Information

6332 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	SUSAN FULLER	EDR Digital Archive
2017	SUSAN FULLER	Cole Information
2014	SUSAN FULLER	Cole Information
2010	SUSAN FULLER	Cole Information
2006	FULLERSusan	Haines Company, Inc.
2005	SUSAN FULLER	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	FULLER Susan	Haines & Company

6333 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	ALYSSA SCETTRINI	EDR Digital Archive
2017	FREDEREK BRODRICK	Cole Information
2014	THOMAS SILIPIN	Cole Information
2010	THOMAS SILIPIN	Cole Information
2006	SILIPINThomas	Haines Company, Inc.
2000	BURGOS Odelon	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6336 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	STEPHEN CHIN	EDR Digital Archive

FINDINGS

Year	Uses	Source
2017	AMANDA CALVERT	Cole Information
2014	AMANDA CALVERT	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	c CARRASCOMarc	Haines Company, Inc.
2000	GADE Derek	Haines & Company
	MARC CARRASCO	Cole Information

6337 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	TIMOTHY MCCARTHY	EDR Digital Archive
	TERESA MCCARTHY	EDR Digital Archive
2017	STEPHANIE AMUNDSEN	Cole Information
2014	JOSE BENAVIDES	Cole Information
2010	RICKY ALLEN	Cole Information
2006	ALLEN Ivy	Haines Company, Inc.
2000	LIU Jing	Haines & Company
	JING LIU	Cole Information

6340 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	LAURA KORANDA	EDR Digital Archive
	ROBERT PHELPS	EDR Digital Archive
2017	ROBERT PHELPS	Cole Information
2014	LAURA KORANDA	Cole Information
2010	ROBERT PHELPS	Cole Information
2006	PHELPS Robert	Haines Company, Inc.
2005	ROBERT PHELPS	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	JOHNSON Brian	Haines & Company

6341 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	LAURA ADAMS	EDR Digital Archive
	MARK ADAMS	EDR Digital Archive

FINDINGS

Year	Uses	Source
2017	MARK ADAMS	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	MARK ADAMS	Cole Information
2006	FLEISCHER ADAM	Haines Company, Inc.
	Laura	Haines Company, Inc.
2000	ADAMS Mark	Haines & Company
	LAURA FLEISCHER	Cole Information

6344 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	NIKHIL DENDUKURI	EDR Digital Archive
	KYLE GONZALES	EDR Digital Archive
2017	KYLE GONZALES	Cole Information
2014	FRANKLIN SOARES	Cole Information
2010	ROBERT WHITTLESEY	Cole Information
2006	DEWN Nick	Haines Company, Inc.
2005	NICHOLAS DEWIN	Cole Information
2000	KWAN CHANG	Cole Information
	CHANG Kwan	Haines & Company

6345 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	JAMES SCARPACE	EDR Digital Archive
2014	BALJIT PANNU	Cole Information
2010	JAMES SCARPACE	Cole Information
2006	PANNU Baljit	Haines Company, Inc.
	SCARPACEJames	Haines Company, Inc.
2005	BALJIT PANNU	Cole Information
2000	JIM HANDYSIDE	Cole Information
	USMAN Mohammad	Haines & Company

6348 HOLLY GILLINGHAM LN

Year	Uses	Source
2017	WALTER TAYLOR	Cole Information

FINDINGS

Year	Uses	Source
2014	WALTER TAYLOR	Cole Information
2010	WALTER TAYLOR	Cole Information
2006	TAYLOR Walter	Haines Company, Inc.
2005	WALTER TAYLOR	Cole Information
2000	PHILLIP HICKSON	Cole Information
	HICKSON Phillip	Haines & Company

6349 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	KEVIN LUIZINHO	EDR Digital Archive
	SUMAN SINGH	EDR Digital Archive
2017	KEVIN LUIZINHO	Cole Information
2014	SUMAN SINGH	Cole Information
2010	SUMAN SINGH	Cole Information
2006	c SINGHSharnila	Haines Company, Inc.
2000	DELA Cruz	Haines & Company

6352 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	GUY PALAZZOLO	EDR Digital Archive
	DANIEL INOUYE	EDR Digital Archive
	RUSSELL PALAZZOLO	EDR Digital Archive
2017	GUY PALAZZOLO	Cole Information
2014	GUY PALAZZOLO	Cole Information
2010	GUY PALAZZOLO	Cole Information
2006	WONG Richard	Haines Company, Inc.
2005	RICHARD WONG	Cole Information
2000	DEANNA ATHANACIO	Cole Information
	ATHANACIO Deanna	Haines & Company

6353 HOLLY GILLINGHAM LN

Year	Uses	Source
2020	JENNIFER WATNEY	EDR Digital Archive
2017	RICHARD COENCAS	Cole Information

Year	Uses	Source
2014	JENNIFER WATNEY	Cole Information
2010	RICHARD COENCAS	Cole Information
2006	COENCAS Richard	Haines Company, Inc.
2005	RICHARD COENCAS	Cole Information
2000	WIEBES Jenny	Haines & Company

INTERNATIONAL CIR

256 INTERNATIONAL CIR

Year	Uses	Source
2014	BEN MENDOZA	Cole Information
2010	BEN MENDOZA	Cole Information
2005	KAISER FOUNDATION HOSPITALS	Cole Information
2000	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA SAN J	Cole Information

260 INTERNATIONAL CIR

Year	Uses	Source
2020	PHU JOHNNY MD	EDR Digital Archive
	KWAI BEN VALERIE C MD	EDR Digital Archive
	KAISER PERMANENTE SN JOSE ONE	EDR Digital Archive
	SHIRLEY DOAN-TRANG T MD	EDR Digital Archive
	EZEOKEKE OGO C NP	EDR Digital Archive
	LUONG LANEY N	EDR Digital Archive
	INTERNAL MEDICINE IN KAISER	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	PETTY STEVE MD	EDR Digital Archive
	OUYANG-SHWE KAREN KHIN MD	EDR Digital Archive
	KAISER PERMANENTE MEDICAL CTR	EDR Digital Archive
	PANATTONI STEPHEN J PAC	EDR Digital Archive
	HIGASHIGAWA KEVIN H MD	EDR Digital Archive
	KRISHNASWAMI ASHOK MD	EDR Digital Archive
	DAVIES MARK R MD	EDR Digital Archive
	DOWDELL LYNN A MD	EDR Digital Archive
	DAVIS BROOKE T PA	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	PERMANENTE MEDICAL GROUP INC	EDR Digital Archive
	NGUYEN BIEN D MD	EDR Digital Archive
	BERGOFFEN JOANN MD	EDR Digital Archive
	KAISER PERMANENTE DEPT	EDR Digital Archive
	HU PEARL Y MD	EDR Digital Archive
	KAISER PERMANENTE MEDICAL CTR	EDR Digital Archive
	GHOLSON JAMES J MD	EDR Digital Archive
2017	KAISER PERMANENTE	Cole Information
2014	KAISER PERMANENTE MEDICAL CENTERSAN	Cole Information
2010	DERROUGH JOSEPH F MD	Cole Information
	LIU MELISSA MD	Cole Information
	TSANG TIMOTHY MD	Cole Information
	PANATTONI STEPHEN J	Cole Information
	BLAY TERRY A MD	Cole Information
	ALLEN CATHERINE A	Cole Information
	YOUNG SUN AH S MD	Cole Information
	CO HENRY TSOI MD	Cole Information
	KANDULA VITTAL K MD	Cole Information
	CHAN JOHNSON MD	Cole Information
	SCHUTTS ANN MD	Cole Information
	SAJWAN NAMRATA MD	Cole Information
	RAMPAUL REGINALD C MD	Cole Information
	KABAHIT JOHN T DO	Cole Information
	BAE YONG B	Cole Information
	DAVIS BROOKE T	Cole Information
	SODERBERG JAMES A MD	Cole Information
	CONKLIN MERCEDES AL MD	Cole Information
	RAVKIN INNA MD	Cole Information
	DHARMASENA VAJIRAMALA MD	Cole Information
	YOKOYAMA SUZANNE E MD	Cole Information
	ESCAY MARI MD	Cole Information
	LOU JEFFREY J MD	Cole Information

FINDINGS

Year	*Uses*	*Source*
2010	ASGHAR AFSHAN A MD	Cole Information
	STEIN GARY FRED MD	Cole Information
	MAO JERI MD	Cole Information
	KAISER PERMANENTE	Cole Information
	CHARLU MALATHI PRE MD	Cole Information
	CHIN CORNELIA F MD	Cole Information
	LE TRANG DOAN MD	Cole Information
	BROWN TRACY MD	Cole Information
	DOWDELL LYNN ANNE MD	Cole Information
	DAVIES MARK ROBINS MD	Cole Information
	SABER JACKLINE MD	Cole Information
	WU FLORA C MD	Cole Information
	THURSTON WILLIAM B MD	Cole Information
	PHUNG JAN P MD	Cole Information
	FORTUNE JOHN E MD	Cole Information
	CHOU JAMES MD	Cole Information
	DENARI GREGORY MD	Cole Information
	INTERNAL MEDICINE IN KAISER	Cole Information
	KAISER	Cole Information
	WISDOM JERALD EDWA MD	Cole Information
	ZELNIK JONATHAN NI MD	Cole Information
	NGUYEN BIEN DINH MD	Cole Information
	KAN PATRICIA MD	Cole Information
	HO WILLIAM K W MD	Cole Information
	IDSO MARY RUTH MD	Cole Information
	LAZATIN LOURDES MD	Cole Information
	CHEN EMILY MD	Cole Information
	CHOW JOHN WAILU MD	Cole Information
	BUTCHER LAURA L MD	Cole Information
	VYAS SABIHA RAJE MD	Cole Information
	BATTAGLIA KENNETH S MD	Cole Information
	PAI MEENA P MD	Cole Information

FINDINGS

Year	Uses	Source
2010	HO PATRICIA MD	Cole Information
	MAR KATHRYN LEE MD	Cole Information
	TRAN PHUONG ALEX MD	Cole Information
	PERMANANTE MEDICAL GROUP INC	Cole Information
	WOLF LINDA W MD	Cole Information
	LEONG WAYNE MD	Cole Information
	EZEOKEKE OGO C	Cole Information
	ABENE ANTHONY J MD	Cole Information
	ANUMOLU MANJUSHA MD	Cole Information
	HOUCHEN SUSAN D	Cole Information
	GO JR MATEO MD	Cole Information
	GORDON CALVIN MD	Cole Information
	ELDIWANY SEHAM F MD	Cole Information
	MATTHEWS II JOSEPH GEOR MD	Cole Information
	LAKE ROGER F MD	Cole Information
	KUTNER CHARLES JAY MD	Cole Information
	BERGOFFEN JOANN MD	Cole Information
	HERENYIOVA MARIA MD	Cole Information
	DONOVAN MONICA MD	Cole Information
	KAISER PHARMACIES	Cole Information
	GODLEY DAVID R MD	Cole Information
	MATSUMOTO MICHAEL MD	Cole Information
	VON GEHR ANN B MD	Cole Information
	CHEN TIMOTHY M MD	Cole Information
	SELIVANOV VAL MD	Cole Information
	SUVERKROP DANA	Cole Information
	SWEDENBORG JON ERIC MD	Cole Information
	KAISER PERMENTE	Cole Information
	RAMASWAMY DEEPA MD	Cole Information
	CHENG MARGARET S MD	Cole Information
	LOCKYER TIMOTHY A MD	Cole Information
	LE TINHUYEN H MD	Cole Information

FINDINGS

Year	Uses	Source
2010	YUEN STEVEN CHOW MD	Cole Information
	GORDON MALCOLM MD	Cole Information
	SATHI ANNAPURNA R MD	Cole Information
2005	KAISER SANTA TERESA MEDICAL CENTER	Cole Information
	KAISER FOUNDATION HEALTH PLAN	Cole Information
	KAISER PERMANENTE	Cole Information
	SANTA TERESA KAISER ONE N PHARMACY	Cole Information
	KAISER HOSPITAL FINANCE DEPT	Cole Information
	KAISER GASTROENTEROLOGY CLINIC	Cole Information
2000	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA SAN JOSE	Cole Information
	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA SAN JOSE	Cole Information
1991	KAIS E R	PACIFIC BELL WHITE PAGES
1986	Mon Fri	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell
	KAISER	Pacific Bell
	SAN JOSE	Pacific Bell
	Medical Office Business Office	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE Contd URGENT CARE Contd Appointment Cancellations	Pacific Bell
1985	KAISER-PERMANENTE MEDICAL CENTERSANTA TERESA-SAN JOSE (CONTD)	Pacific Bell
	KAISER PERMANENTE MEDICAL CENTERSANTA TERESA SAN JOSE	Pacific Bell

270 INTERNATIONAL CIR

Year	Uses	Source
2020	CHIN ALAN LEW MD	EDR Digital Archive
	ALLOGGIAMENTO THOMAS MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	WALDRON PAUL R MD	EDR Digital Archive
	SOOD SUNITA T MD	EDR Digital Archive
	SAN JOSE MED CTR ORTHOPEDICS	EDR Digital Archive
	DUONG TRI	EDR Digital Archive
	SCHROEDER CYNTHIA	EDR Digital Archive
	LAVIOLETTE II MICHAEL J DPT	EDR Digital Archive
	DODGE JILL MARIE	EDR Digital Archive
	GARDNER BRIAN LOUIS	EDR Digital Archive
	KAISER PERMANENTE MED CTR-SN	EDR Digital Archive
	RIN PATRIZIA M DPT	EDR Digital Archive
	SPENCER JOAN MARIE	EDR Digital Archive
	ANDERSON PAUL	EDR Digital Archive
	DESAI MEGHNA MD	EDR Digital Archive
	CHEN SHEREE H MD	EDR Digital Archive
	TAM-MCSORLEY MAYLYNN L DPM	EDR Digital Archive
	BIGOS PAULINA	EDR Digital Archive
	KAISER PERMANENTE	EDR Digital Archive
	LEE JENNIFER L MD	EDR Digital Archive
	CHARLESTON TIMOTHY DPT	EDR Digital Archive
	COX TAMIE	EDR Digital Archive
	SWIENTON MICHAEL	EDR Digital Archive
	MCELHINNEY SAMANTHA	EDR Digital Archive
	KITSON JACQUELIN R FNP	EDR Digital Archive
	MOHAMMED SHAMUN	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	PRASERTHDAM WIDCHANUN MD	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	KAISER PERMANENTE	EDR Digital Archive
	IMOTO ERIC M M DO	EDR Digital Archive
	KLIMEK JESSE DPT	EDR Digital Archive
	ORLOWSKI JAMES J MD	EDR Digital Archive

Year	Uses	Source
2020	KAISER PERMANENTE MED GROUP	EDR Digital Archive
	VANNESS KENDRA	EDR Digital Archive
	KAISER PERMANENTE	EDR Digital Archive
	KAISER PERMANENTE MED GROUP	EDR Digital Archive
2017	KAISER PERMANENTE	Cole Information
2014	KAISER PERMANENTE MEDICAL CENTERSAN	Cole Information
	KAISER PERMANENTE MEDICAL OFFICESMI	Cole Information
2010	KAISER PERMANENTE	Cole Information
	RUSKIN JACQUERLIN	Cole Information
	DAUN GRACE SUN	Cole Information
2005	KAISER TWO NORTH PHARMACY	Cole Information
	NISHIME WEISSHAAR PAREKH MDS	Cole Information
	OFFICE OF HEART TRANSPLANT	Cole Information
1995	CLARKE, DAVID	Cole Information

272 INTERNATIONAL CIR

Year	Uses	Source
2005	KAISER SANTA TERESA HOSPITAL	Cole Information

275 INTERNATIONAL CIR

Year	Uses	Source
2020	NGUYEN LIEN-HUONG MD	EDR Digital Archive

276 INTERNATIONAL CIR

Year	Uses	Source
2005	KAISER FAMILY ONE PHARMACY	Cole Information
2000	KAISER PERMANENTE MEDICAL CENTER SANTA TERESA SAN JOSE	Cole Information

ISLAND PINE WAY

6292 ISLAND PINE WAY

Year	Uses	Source
2020	MARIKO KUWABARA	EDR Digital Archive
	SHOJI KUWABARA	EDR Digital Archive

Year	Uses	Source
2017	SHOJI KUWABARA	Cole Information
2014	SHOJI KUWABARA	Cole Information
2010	SHOJI KUWABARA	Cole Information
2006	a KUWABARA Shoji	Haines Company, Inc.
2005	SHOJI KUWABARA	Cole Information
2000	LARRY JACKSON	Cole Information
	JACKSON Larryy L	Haines & Company

6293 ISLAND PINE WAY

Year	Uses	Source
2017	JOHN CONSTANTINO	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	RICHARD PEDERSEN	Cole Information
2006	PEDERSEN Richard	Haines Company, Inc.
2005	RICHARD PEDERSEN	Cole Information
2000	TODD MESA	Cole Information

6296 ISLAND PINE WAY

Year	Uses	Source
2020	THOMAS TANTILLO	EDR Digital Archive
	HETAL PATEL	EDR Digital Archive
	DEVIN VO	EDR Digital Archive
2014	ANGELA BECK	Cole Information
2010	HETAL PATEL	Cole Information
2006	LOPEZ Jason	Haines Company, Inc.
2005	JASON LOPEZ	Cole Information
2000	JASON LOPEZ	Cole Information

6297 ISLAND PINE WAY

Year	Uses	Source
2020	BRENDA TURANO	EDR Digital Archive
	SALVATORE TURANO	EDR Digital Archive
2017	PAMELA SHIRLEY	Cole Information
2010	DENISE NELSON	Cole Information

Year	Uses	Source
2006	BLACK Gina	Haines Company, Inc.
2005	GINA BLACK	Cole Information
2000	ROBERT GEORGE	Cole Information

6300 ISLAND PINE WAY

Year	Uses	Source
2020	MARK STONE	EDR Digital Archive
	LAUREL STONE	EDR Digital Archive
2017	MARK STONE	Cole Information
2014	MARK STONE	Cole Information
2010	MARK STONE	Cole Information
2006	STONE Laurel	Haines Company, Inc.
2000	OCCUPANT UNKNOWN	Cole Information

6301 ISLAND PINE WAY

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	a WONGAAmy	Haines Company, Inc.
2005	ANDREW WONG	Cole Information
2000	RICHARD PEDERSEN	Cole Information
	FIELDS Elena R	Haines & Company

6304 ISLAND PINE WAY

Year	Uses	Source
2010	ANTHONY MATA	Cole Information
2006	MATA Anthony	Haines Company, Inc.
2005	ANTHONY MATA	Cole Information
2000	SHAWN KELLY	Cole Information

6305 ISLAND PINE WAY

Year	Uses	Source
2017	ROSA DEHERNANDEZ	Cole Information
2014	BELINDA SOLIS	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

Year	Uses	Source
2006	WEEMS WIlson	Haines Company, Inc.
	YOUNG Estella	Haines Company, Inc.
2000	GENE SMITH	Cole Information

6308 ISLAND PINE WAY

Year	Uses	Source
2020	JACK NIJMEH	EDR Digital Archive
	DIANA NIJMEH	EDR Digital Archive
2017	JACK NIJMEH	Cole Information
2014	NIJMEH FARIS	Cole Information
2010	NIJMEH FARIS	Cole Information
2006	e TARRANT Daryl	Haines Company, Inc.
2005	DARYL TARRANT	Cole Information
2000	DARYL TARRANT	Cole Information

6309 ISLAND PINE WAY

Year	Uses	Source
2020	DENIS DIGALEH	EDR Digital Archive
2017	DENIS DIGALEH	Cole Information
2014	ELOISA AUSTODILLO	Cole Information
2010	SHANE REED	Cole Information
2006	a AUSTODILLO Eloisa S	Haines Company, Inc.
2000	LYN JOHNSON	Cole Information
	JOHN BURNS	Cole Information

6312 ISLAND PINE WAY

Year	Uses	Source
2020	RONALD BENITEZ	EDR Digital Archive
2017	RONALD BENITEZ	Cole Information
2014	SUHROBDJON MAHMUDOV	Cole Information
2010	APOLINAR ACEVEDO	Cole Information
2006	ACEVEDOApolinar	Haines Company, Inc.
	ACEVEDO Melode	Haines Company, Inc.
2000	ROBERT BURNETT	Cole Information

Year	Uses	Source
2000	BURNETT James	Haines & Company
	BURNETT Robert	Haines & Company

6313 ISLAND PINE WAY

Year	Uses	Source
2020	YOUNG LEE	EDR Digital Archive
	YOUNGHA CHOI	EDR Digital Archive
2017	YOUNG LEE	Cole Information
2014	ALEX TURCHINSKY	Cole Information
2010	MONICA LEE	Cole Information
2006	a LEEM	Haines Company, Inc.
2005	MONICA LEE	Cole Information
2000	PHUC TRAN	Cole Information

6316 ISLAND PINE WAY

Year	Uses	Source
2020	MATTHEW PALMER	EDR Digital Archive
2017	JOSE ZAPIEN	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	BERNHARDT Leanne	Haines Company, Inc.
2005	LEANNE BERNHARDT	Cole Information
2000	LEANNE BERNHARDT	Cole Information

6317 ISLAND PINE WAY

Year	Uses	Source
2020	ALIREZA FOTOUHIGHIAM	EDR Digital Archive
	JENNIFER BURLINGAME	EDR Digital Archive
2014	JENNIFER BURLINGAME	Cole Information
2010	LARRY BURLINGAME	Cole Information
2006	o BURLINGAME	Haines Company, Inc.
	Jennifer	Haines Company, Inc.
2000	MARK ENGLAND	Cole Information
	ENGLAND Lajette	Haines & Company

Year	Uses	Source
2000	ENGLAND Mark	Haines & Company

6320 ISLAND PINE WAY

Year	Uses	Source
2020	NAOMI DELEON	EDR Digital Archive
2017	KEVIN ANGELINOVICH	Cole Information
2014	NAOMI DELEON	Cole Information
2010	DAN BAKER	Cole Information
2006	BARBER Breanne	Haines Company, Inc.
2005	JOHN BARBER	Cole Information

6321 ISLAND PINE WAY

Year	Uses	Source
2020	LORI ARIAS	EDR Digital Archive
	JOHN-MICHAE ARIAS	EDR Digital Archive
	AMANDA ARIAS	EDR Digital Archive
2017	JOHN ARIAS	Cole Information
2014	MICHAEL KAROSEN	Cole Information
2010	DARIN JACKSON	Cole Information
2006	JACKSON Darln	Haines Company, Inc.
2005	RALPH JACKSON	Cole Information

LISA LN

5965 LISA LN

Year	Uses	Source
1986	Soan Herbert	Pacific Bell
	Sloan George W	Pacific Bell

LISAE LN

5949 LISAE LN

Year	Uses	Source
1986	Tuvim Louis M	Pacific Bell

FINDINGS

LISKA LN

5915 LISKA LN

Year	Uses	Source
2006	ORDUNUZEnma	Haines Company, Inc.
2000	TIEU Duc H	Haines & Company
1996	201 Tieu Duc H	Pacific Bell
1980	Magna Sign	Pacific Telephone
	Pham Tinh Huu	Pacific Telephone

5917 LISKA LN

Year	Uses	Source
2006	CARDENAS Julio	Haines Company, Inc.
	LAREDO Rose	Haines Company, Inc.
	PHAM Tien	Haines Company, Inc.
2000	ALLEN Linda	Haines & Company
	PHAM Tien	Haines & Company
	TRAN Yen	Haines & Company
1996	103 Tran Yen	Pacific Bell
	105 Pham Tien	Pacific Bell
1991	DAMARO J&M	PACIFIC BELL WHITE PAGES
1986	DAmaro J & M	Pacific Bell
1985	DAMARO J & M	Pacific Bell
1980	Murphy C	Pacific Telephone

5919 LISKA LN

Year	Uses	Source
2006	EMEKATnomasa	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	APODACA ALBERT J	PACIFIC BELL WHITE PAGES
	Apodaca Albert J	PACIFIC BELL WHITE PAGES
1986	Apodaca Albert J	Pacific Bell
1985	APODACA ALBERT J	Pacific Bell

FINDINGS

5920 LISKA LN

Year	Uses	Source
2006	e SUNGWaley	Haines Company, Inc.
2000	SUNG Waley	Haines & Company

5921 LISKA LN

Year	Uses	Source
2006	0000	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1996	108 Khaliki Nisar	Pacific Bell

5924 LISKA LN

Year	Uses	Source
2006	DESANT 1 S R	Haines Company, Inc.
2000	DESANTIS R	Haines & Company
1996	De Santis R	Pacific Bell

5927 LISKA LN

Year	Uses	Source
2006	VANCE E	Haines Company, Inc.
2000	TRUONG Thanh Kinh	Haines & Company
1996	202 Truong Thanh Kinh	Pacific Bell
1986	Hamlow E B	Pacific Bell
1985	HAMLOW E B	Pacific Bell
1980	Boutell A J	Pacific Telephone
	Pearson Alice	Pacific Telephone
	PEARSON SEE ALSO PIERSOM N I	Pacific Telephone

5928 LISKA LN

Year	Uses	Source
2006	MEDINA Lorenzo	Haines Company, Inc.
2000	MEDINA Lorenzo	Haines & Company

5929 LISKA LN

Year	Uses	Source
2006	a BETYADEGAR	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	Eshagh	Haines Company, Inc.
2000	TRAN Tra	Haines & Company
1996	204 Tran Tra	Pacific Bell
1986	Nosiglia Anna C	Pacific Bell
1985	NOSIGLIA ANNA C	Pacific Bell

5931 LISKA LN

Year	Uses	Source
2006	o LEE Dick Chi TI	Haines Company, Inc.
2000	LEE Dick Chi Ti	Haines & Company
1985	AMEZQUITA CORINA A	Pacific Bell
1980	Avilla Manuel	Pacific Telephone
	Kennedy Penny	Pacific Telephone

5932 LISKA LN

Year	Uses	Source
2006	MIR Sarah	Haines Company, Inc.
	PASHTUNYAR Halim	Haines Company, Inc.
2000	PASTUNYAR Halim	Haines & Company
1996	Pashtunyar Halim	Pacific Bell

5933 LISKA LN

Year	Uses	Source
2006	ALMARIO Susan P	Haines Company, Inc.
	NGUYEN Luong	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1985	BOTLEY OTTOYIA K	Pacific Bell
1980	Bash Inez	Pacific Telephone

5935 LISKA LN

Year	Uses	Source
2006	KANSU Ilblets	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	GENISE MJ	PACIFIC BELL WHITE PAGES
	Genise MJ	PACIFIC BELL WHITE PAGES

Year	Uses	Source
1986	Genise M J	Pacific Bell
1985	GENISE MJ	Pacific Bell
1980	Paget Stan C	Pacific Telephone

5936 LISKA LN

Year	Uses	Source
2006	CHIU lUm	Haines Company, Inc.
	VELAJavier	Haines Company, Inc.
2000	CHIU Kim	Haines & Company

5937 LISKA LN

Year	Uses	Source
2006	DANG Anh	Haines Company, Inc.
	VALEZULA Mario	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	FAATILGA YVETTE	PACIFIC BELL WHITE PAGES
1985	TERRY EARL	Pacific Bell
1980	Robles Pamela	Pacific Telephone

5940 LISKA LN

Year	Uses	Source
2006	CHAN Kenneth	Haines Company, Inc.
2000	CHAN Kenneth	Haines & Company

5943 LISKA LN

Year	Uses	Source
2000	NO CURRENT LISTING	Haines & Company

5944 LISKA LN

Year	Uses	Source
2006	o KIMMIra	Haines Company, Inc.
2000	KIM Mira	Haines & Company

5945 LISKA LN

Year	Uses	Source
2006	AGANZA Jessie	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	CABRERA Sonta	Haines Company, Inc.
2000	NGUYEN Thao Thu	Haines & Company
1996	112 Nguyen Thao Thu	Pacific Bell
1986	Aganza Jessie	Pacific Bell
	Do Trong Q	Pacific Bell
1985	AGANRA JESSIE	Pacific Bell
	DO TRONG Q	Pacific Bell
1980	Thomas Mickey	Pacific Telephone

5947 LISKA LN

Year	Uses	Source
2006	BELTRAN G Dan lel	Haines Company, Inc.
	VO Ky Ngoc	Haines Company, Inc.
2000	BELTRAN Guadalupe R	Haines & Company
	VO Ky Ngoc	Haines & Company
1991	BELTRAN DAN I G	PACIFIC BELL WHITE PAGES
	Beltran Dan I G	PACIFIC BELL WHITE PAGES
1986	Beltran Dani G	Pacific Bell
1985	BELTRAN DAN I G	Pacific Bell
1980	De La Cruz Edw	Pacific Telephone

5948 LISKA LN

Year	Uses	Source
2006	SANDHU Randlder	Haines Company, Inc.
2000	SANDHU Amarjit	Haines & Company

5949 LISKA LN

Year	Uses	Source
2006	BODAS Benamlnas	Haines Company, Inc.
	MOLINA Luis	Haines Company, Inc.
2000	BODAS Benjaminas	Haines & Company
	KIM Won Yong	Haines & Company
1996	109 Bodas Benjaminas	Pacific Bell
	207 Kim Won Yang	Pacific Bell

FINDINGS

Year	Uses	Source
1996	209 Berumen Rosa Maria	Pacific Bell
1991	KIM WON YONG	PACIFIC BELL WHITE PAGES
	TUVIM LOUIS M	PACIFIC BELL WHITE PAGES
	Kim Won Yong	PACIFIC BELL WHITE PAGES
	Tuvim Louis M	PACIFIC BELL WHITE PAGES
1986	Hart Curtis	Pacific Bell
1985	CASTAGNOLA KELLI	Pacific Bell
	HART CURTIS	Pacific Bell
	TUVIM LOUIS M	Pacific Bell
1980	Castognola K	Pacific Telephone
	Tuvim Louis M	Pacific Telephone

5951 LISKA LN

Year	Uses	Source
2006	GARCIA Octavio	Haines Company, Inc.
2000	DIMOND E C	Haines & Company
1996	204 Jarvis Arthur Sr	Pacific Bell
	5 APT Dimond E C	Pacific Bell
1991	FAIRFAX K	PACIFIC BELL WHITE PAGES
	JARVIS ARTHUR SR	PACIFIC BELL WHITE PAGES
	Fairfax K	PACIFIC BELL WHITE PAGES
	Jarvis Arthur Sr	PACIFIC BELL WHITE PAGES
1986	Dimond E C	Pacific Bell
	Fairfax K	Pacific Bell
	Jarvis Arthur Sr	Pacific Bell
1985	DIMOND E C	Pacific Bell
	FAIRFAX K	Pacific Bell
	JARVIS ARTHUR SR	Pacific Bell
1980	Dimond E C	Pacific Telephone
	Fairfax K	Pacific Telephone
	Jarvis Arthur Sr	Pacific Telephone

FINDINGS

5952 LISKA LN

Year	Uses	Source
2006	o TOM Bryan	Haines Company, Inc.
2000	TIU Eduardo	Haines & Company

5953 LISKA LN

Year	Uses	Source
2006	KHOSHABIAN	Haines Company, Inc.
	Shoshana	Haines Company, Inc.
	SANDOVAL Randolph	Haines Company, Inc.
	WILLIAMS Clifford	Haines Company, Inc.
2000	KHOSHABIAN Shoshana	Haines & Company
1985	DEFILLO M	Pacific Bell
1980	Kuo Yu Cho	Pacific Telephone
	Marmole JO Alfredo	Pacific Telephone
	Seifert Erwin R	Pacific Telephone

5955 LISKA LN

Year	Uses	Source
2006	LEYVAJo	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	FARIAS MARIA	PACIFIC BELL WHITE PAGES
	Farias Maria	PACIFIC BELL WHITE PAGES
1986	Tsai Wm C	Pacific Bell
1985	TSAI WM C	Pacific Bell
1980	Tsai Carol	Pacific Telephone

5956 LISKA LN

Year	Uses	Source
2006	LAGRIMAS Samuel	Haines Company, Inc.
2000	YUMEN James	Haines & Company

5960 LISKA LN

Year	Uses	Source
2006	o TROPEA Tony	Haines Company, Inc.
2000	TROPEA Tony	Haines & Company

FINDINGS

5961 LISKA LN

Year	Uses	Source
2006	MARTINZSAENZ	Haines Company, Inc.
	Gustavo A	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1980	Mrazek Alexander	Pacific Telephone

5963 LISKA LN

Year	Uses	Source
2006	KWAN Pui	Haines Company, Inc.
	RAMIREZRaul	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	POLYA ESTHER	PACIFIC BELL WHITE PAGES
	SULLIVAN THOMAS F	PACIFIC BELL WHITE PAGES
	Polya Esther	PACIFIC BELL WHITE PAGES
	Sullivan Thomas F	PACIFIC BELL WHITE PAGES
1986	Farnham Alice K	Pacific Bell
	Strong Tim A	Pacific Bell
	Sullivan Thomas F	Pacific Bell
1985	FARNHAM ALICE K	Pacific Bell
	STRONG TIM A	Pacific Bell
	SULLIVAN THOMAS F	Pacific Bell
1980	Farnham Alice K	Pacific Telephone
	Osorio Ch J	Pacific Telephone

5964 LISKA LN

Year	Uses	Source
2006	DENIEVARenato	Haines Company, Inc.
2000	DENIEVA Renato	Haines & Company

5965 LISKA LN

Year	Uses	Source
2006	BAINS Kulw ant K	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	LEE DICK CHI-TIL	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Lee Dick Chi Til	PACIFIC BELL WHITE PAGES
1986	Williams William LRev	Pacific Bell
1985	SLOAN HERBERT	Pacific Bell
	WILLIAMS WILLIAM L REV	Pacific Bell
1980	Sloan Herbert	Pacific Telephone
	Williams Wm L Rev	Pacific Telephone

5967 LISKA LN

Year	Uses	Source
2006	HURTADO Michelle	Haines Company, Inc.
2000	DO Be T	Haines & Company
1996	107 Tran Henry H	Pacific Bell
	208 Nguyen Tri Huu	Pacific Bell
1991	MORTENSON E S	PACIFIC BELL WHITE PAGES
	NGUYEN TRI-HUU	PACIFIC BELL WHITE PAGES
	WARD VERA F	PACIFIC BELL WHITE PAGES
	Mortenson ES	PACIFIC BELL WHITE PAGES
	Nguyen Tri Huu	PACIFIC BELL WHITE PAGES
	Ward Vera F	PACIFIC BELL WHITE PAGES
1986	Gallien E V	Pacific Bell
	Hayw ard Paul	Pacific Bell
1985	GALLIEN E V	Pacific Bell
	HAYWARD PAUL	Pacific Bell
	MORTENSON E S	Pacific Bell
1980	Hayw ard Paul	Pacific Telephone

5969 LISKA LN

Year	Uses	Source
2017	VERONICA CORRAL	Cole Information
	STACY RIVERA	Cole Information
2014	VERONICA CORRAL	Cole Information
	HUI SUN	Cole Information
	STACY RIVERA	Cole Information
2006	No Current Listing	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2005	KIM LECO	Cole Information
	DORIS NEMEROFF	Cole Information
	PARI NATARAJAN	Cole Information
2000	LE Co Kim	Haines & Company
	NGUYEN Nguc Chuck	Haines & Company
	NGOC NGUYEN	Cole Information
1992	KINMONTH, STANLEY	Cole Information
1991	TRINH PHUOC	PACIFIC BELL WHITE PAGES
1986	Kinmonth Stanley	Pacific Bell
1985	KINMONTH STANLEY	Pacific Bell
1980	Richardson R	Pacific Telephone

5971 LISKA LN

Year	Uses	Source
2017	KRISTOPHER ANDERSON	Cole Information
	JOSEPH CORONA	Cole Information
	LYNETTE VINCENT	Cole Information
	ERIN ANDERSON	Cole Information
2014	JOSEPH CORONA	Cole Information
	MARIA LOPEZ	Cole Information
	JOYNA RODRIGUEZ	Cole Information
2010	VERNEL EVANS	Cole Information
2006	TEIXEIRA Venus	Haines Company, Inc.
	VERDUGO Jenae	Haines Company, Inc.
2005	VENUS TEIXEIRA	Cole Information
	VERNEL EVANS	Cole Information
	SHAUNA HOGUE	Cole Information
2000	NO CURRENT LISTING	Haines & Company
	CHOUA VUE	Cole Information
1995	CHOI, BYUNG D	Cole Information
	KHOSHABIAN, S	Cole Information
	CAMPBELL, DUNCAN	Cole Information
1992	CHOI, BYUNG D	Cole Information

Year	Uses	Source
1991	CAMPBELL DUNCAN	PACIFIC BELL WHITE PAGES
1986	Choi Byung	Pacific Bell
1985	CAMPBELL DUNCAN	Pacific Bell
	CHOI BYUNG	Pacific Bell
	KATZ M A	Pacific Bell
	SANSONE TONY & JOYCE	Pacific Bell
1980	Burkhouse Caroline	Pacific Telephone
	Campbell Duncan	Pacific Telephone
	Choi Byung	Pacific Telephone
	Dufour Merle	Pacific Telephone
	Dufour Merle	Pacific Telephone

TIBOUCHINA LN

6228 TIBOUCHINA LN

Year	Uses	Source
2020	VELANCIO FERNANDES	EDR Digital Archive
2017	G PATEL	Cole Information
2014	KWUN KANG	Cole Information
2010	RODOLFO LOTA	Cole Information
2006	LOTA Christina	Haines Company, Inc.
2005	RODOLFO LOTA	Cole Information
2000	SIN Tommy	Haines & Company
	TOMMY SIN	Cole Information

6229 TIBOUCHINA LN

Year	Uses	Source
2017	DOUG ALGER	Cole Information
2014	HUIYI LIN	Cole Information
2010	DOUG ALGER	Cole Information
2006	ALt ER Douglas	Haines Company, Inc.
2000	MELYNDA AUERHEIMER	Cole Information
	ALGER Doug	Haines & Company
	AUERHEIMER Melynda	Haines & Company

FINDINGS

6232 TIBOUCHINA LN

Year	Uses	Source
2020	MIKE LOZANO	EDR Digital Archive
	LASHAY LOZANO	EDR Digital Archive
	BALBINO HIMS	EDR Digital Archive
2014	LASHAY LOZANO	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	ROOTP	Haines Company, Inc.
2005	P ROOT	Cole Information
2000	PRASAD Dharmendra	Haines & Company
	MARY RUPPERT	Cole Information

6233 TIBOUCHINA LN

Year	Uses	Source
2020	CASSANDRA SMITH	EDR Digital Archive
	SUZANNA AYERS	EDR Digital Archive
	AMY LAZZINI	EDR Digital Archive
	KEVIN LAZZINI	EDR Digital Archive
	ALEXANDER TOWN	EDR Digital Archive
2017	KEVIN LAZZINI	Cole Information
2014	KEVIN LAZZINI	Cole Information
2010	SUZANNA AYERS	Cole Information
2006	AYERS Suzanna	Haines Company, Inc.
2000	DAVOOD SHABANI	Cole Information
	BETZ Jeffrey	Haines & Company

6236 TIBOUCHINA LN

Year	Uses	Source
2020	AMY KAY	EDR Digital Archive
2017	RICHARD GUY	Cole Information
2014	RICHARD GUY	Cole Information
2010	RICHARD GUY	Cole Information
2006	GUY Rchard	Haines Company, Inc.
2005	RICHARD GUY	Cole Information
2000	KOCKLER Anthony	Haines & Company

Year	Uses	Source
2000	ANTHONY KOCKLER	Cole Information

6237 TIBOUCHINA LN

Year	Uses	Source
2010	SHERIFF DEMETRI	Cole Information
2006	DEMETRI Sheriff	Haines Company, Inc.
2005	SHERIFF DEMETRI	Cole Information
2000	ROBERT DUNCAN	Cole Information
	DUNCAN Robert	Haines & Company

6240 TIBOUCHINA LN

Year	Uses	Source
2020	SIMON HANHAN	EDR Digital Archive
	YVONNE HANHAN	EDR Digital Archive
	MEGAN CROOM	EDR Digital Archive
2017	MEGAN CROOM	Cole Information
2014	GRACIELA VELASQUEZ	Cole Information
2010	GRACIELA VELASQUEZ	Cole Information
2006	HANHAN Simon	Haines Company, Inc.
	IVANOV David	Haines Company, Inc.
2000	HANHAN Simon	Haines & Company
	G ENNS	Cole Information

6241 TIBOUCHINA LN

Year	Uses	Source
2020	CHI PENG	EDR Digital Archive
2017	CHI PENG	Cole Information
2014	CHI PENG	Cole Information
2010	ALISA HOWELL	Cole Information
2006	HOWELLAlsa	Haines Company, Inc.
	SPARACINOStepren	Haines Company, Inc.
2000	C BOUSMAN	Cole Information
	BOUSMAN C	Haines & Company

FINDINGS

6244 TIBOUCHINA LN

Year	Uses	Source
2010	SHANNON LOWERY	Cole Information
2006	PALMER Chtistopher	Haines Company, Inc.
2005	MIGUEL OYOQUE	Cole Information
2000	PALMER Christopher	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6245 TIBOUCHINA LN

Year	Uses	Source
2020	KEVIN CLAYTON	EDR Digital Archive
	EVAN CLAYTON	EDR Digital Archive
2017	KEVIN CLAYTON	Cole Information
2014	KEVIN CLAYTON	Cole Information
2010	EVAN CLAYTON	Cole Information
2006	CLAYTON Evan	Haines Company, Inc.
2005	EVAN CLAYTON	Cole Information
2000	EVAN CLAYTON	Cole Information
	CLAYTON Evan	Haines & Company

6248 TIBOUCHINA LN

Year	Uses	Source
2020	ALBERT LEE	EDR Digital Archive
	MARLENE LEE	EDR Digital Archive
2017	ALBERT LEE	Cole Information
2014	ALBERT LEE	Cole Information
2010	ALBERT LEE	Cole Information
2006	LEE Albert	Haines Company, Inc.
2005	ALBERT LEE	Cole Information
2000	TAKAICHI Ford	Haines & Company
	FORD TAKAICHI	Cole Information

6249 TIBOUCHINA LN

Year	Uses	Source
2020	LIN JILLY	EDR Digital Archive

Year	Uses	Source
2020	JOSEPH OU-YANG	EDR Digital Archive
2014	ALVIN GABRERA	Cole Information
2010	JOSEPH OU-YANG	Cole Information
2006	OU YANG Joseph	Haines Company, Inc.
2005	JOSEPH OU-YANG	Cole Information
2000	PLEZ RANCE	Cole Information
	RANCE Plez	Haines & Company

6252 TIBOUCHINA LN

Year	Uses	Source
2020	SOVANDARAN GERFIN	EDR Digital Archive
	KAS CHHUON	EDR Digital Archive
2017	KAS CHHUON	Cole Information
2014	KAS CHHUON	Cole Information
2010	KAS CHHUON	Cole Information
2006	GERFIN Hugh	Haines Company, Inc.
2005	KAS CHHUON	Cole Information
2000	GERFIN Hugh	Haines & Company
	HUGH GERFIN	Cole Information

6253 TIBOUCHINA LN

Year	Uses	Source
2020	NERISSA ALANSALON	EDR Digital Archive
2017	NERISSA ALANSALON	Cole Information
2014	CHRISTOPHER CLARK	Cole Information
2010	CHRISTOPHER CLARK	Cole Information
2006	CLARK Christopher	Haines Company, Inc.
2005	CHRISTOPHER CLARK	Cole Information
2000	ANTHONY BEERS	Cole Information
	BEERS Annie	Haines & Company

6256 TIBOUCHINA LN

Year	Uses	Source
2020	JZ JUNK REMOVAL	EDR Digital Archive

Year	Uses	Source
2020	WEIQIANG ZHUANG	EDR Digital Archive
	HAIJING FANG	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	JORGE OSEGUERA	Cole Information
2006	OSEGUERA Jorge	Haines Company, Inc.
2000	GEVRY Teri	Haines & Company
	DEBORAH YOUNG	Cole Information

6257 TIBOUCHINA LN

Year	Uses	Source
2020	EVOL DENNY	EDR Digital Archive
	ANNET DENNY	EDR Digital Archive
2017	EVOL DENNY	Cole Information
2014	EVOL DENNY	Cole Information
2010	EVOL DENNY	Cole Information
2006	DENNY Evol	Haines Company, Inc.
2005	EVOL DENNY	Cole Information
2000	CHAN Hsiaoling	Haines & Company
	HSIUNG Long	Haines & Company

6263 TIBOUCHINA LN

Year	Uses	Source
2010	RICHARD WHEATON	Cole Information
2005	RICHARD WHEATON	Cole Information

YEADON WAY

6100 YEADON WAY

Year	Uses	Source
2020	LANI SACHDEVA	EDR Digital Archive
	ANITA SACHDEVA	EDR Digital Archive
	MANPREET SACHDEVA	EDR Digital Archive
	MANU SACHDEVA	EDR Digital Archive
2017	MANPREET SACHDEVA	Cole Information
2014	MANPREET SACHDEVA	Cole Information

FINDINGS

Year	Uses	Source
2010	RAN GRUMER	Cole Information
2006	a SACHDEVAManpreet	Haines Company, Inc.
2000	KRANAWETTERGreg	Haines & Company

6101 YEADON WAY

Year	Uses	Source
2020	NEELAM VERMA	EDR Digital Archive
2017	ROGER SANTOS	Cole Information
2014	SANTOS SUSANN	Cole Information
2010	HUY LE	Cole Information
2005	STEVEN HUNT	Cole Information
2000	STEVEN HUNT	Cole Information

6103 YEADON WAY

Year	Uses	Source
2014	STEVEN HUNT	Cole Information
2010	STEVEN HUNT	Cole Information
2006	a HUNTSteven	Haines Company, Inc.
2000	STEVEN HUNT	Cole Information
	HUNT Sleven	Haines & Company

6104 YEADON WAY

Year	Uses	Source
2020	JINCY MATHEW	EDR Digital Archive
	VARGHESE MATHEW	EDR Digital Archive
2017	JINCY MATHEW	Cole Information
2014	JINCY MATHEW	Cole Information
2010	MATHEW VARGHESE	Cole Information
2006	CHANGJen	Haines Company, Inc.
2005	J CHANG	Cole Information
2000	LEEChi Choon	Haines & Company
	OCCUPANT UNKNOWN	Cole Information
1996	Lee Chi Choon	Pacific Bell

6105 YEADON WAY

Year	Uses	Source
2020	ROMI PHADTE	EDR Digital Archive
	GEETA PHADTE	EDR Digital Archive
	ROHAN PHADTE	EDR Digital Archive
	NANDKUMAR PHADTE	EDR Digital Archive
2017	NANDKUMAR PHADTE	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	NANDKUMAR PHADTE	Cole Information
2006	a PHADTE Nandkumar	Haines Company, Inc.
2005	NANDKUMAR PHADTE	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
	SPHADTENandkumar	Haines & Company
1996	Phadte Nandkumar	Pacific Bell

6108 YEADON WAY

Year	Uses	Source
2020	CELINE NGUYEN	EDR Digital Archive
	CHARLES HIN	EDR Digital Archive
	HUONG NGUYEN	EDR Digital Archive
	MICHAEL NGUYEN	EDR Digital Archive
2017	TUNG NGUYEN	Cole Information
2014	MICHAEL NGUYEN	Cole Information
2010	CHARLES HIN	Cole Information
2006	a HINChales	Haines Company, Inc.
2000	VALLEJorge C	Haines & Company
	JORGE VALLE	Cole Information

6109 YEADON WAY

Year	Uses	Source
2020	JASON MUKAI	EDR Digital Archive
	GARY MUKAI	EDR Digital Archive
	ATSUKO MUKAI	EDR Digital Archive
2014	GARY MUKAI	Cole Information
2010	GARY MUKAI	Cole Information

Year	Uses	Source
2006	a MUKAI Gary	Haines Company, Inc.
2000	GARY MUKAI	Cole Information
	MUKAIGary	Haines & Company

6112 YEADON WAY

Year	Uses	Source
2020	JOON CHOI	EDR Digital Archive
	HYUNG CHOI	EDR Digital Archive
	MANUEL ESQUIVEL	EDR Digital Archive
	MEE HYUNG	EDR Digital Archive
2017	BETTY SULLIVAN	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	JOON CHOI	Cole Information
2006	CHOI 088 S 408 226 00 SO	Haines Company, Inc.
2005	JOON CHOI	Cole Information
2000	KIRK Scol	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6113 YEADON WAY

Year	Uses	Source
2020	PATRICIA WING	EDR Digital Archive
2017	PATRICIA WING	Cole Information
2014	PATRICIA WING	Cole Information
2010	PATRICIA WING	Cole Information
2006	a WING Paoicia	Haines Company, Inc.
2005	PATRICIA WING	Cole Information
2000	P WING	Cole Information
	WING Patricia	Haines & Company

6116 YEADON WAY

Year	Uses	Source
2020	MARCY KOEHLER	EDR Digital Archive
	COURTNEY KOEHLER	EDR Digital Archive
2017	MARY KOEHLER	Cole Information

Year	Uses	Source
2014	COURTNEY KOEHLER	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2006	KOEHLERCouhrney	Haines Company, Inc.
2005	OCCUPANT UNKNOWN	Cole Information
2000	KOEHLERCourlney	Haines & Company
	C KOEHLER	Cole Information

6117 YEADON WAY

Year	Uses	Source
2020	RITESH SHETTY	EDR Digital Archive
	NAGA VENKATA	EDR Digital Archive
2017	JYOSTNA NIMISHAKAVI	Cole Information
2014	GAVIN ZAWALSKI	Cole Information
2010	GAVIN ZAWALSKI	Cole Information
2006	ZAWALSKI Gavin	Haines Company, Inc.
2005	GAVIN ZAWALSKI	Cole Information
2000	GAVIN ZAWALSKI	Cole Information
	UINNGeorge	Haines & Company

6120 YEADON WAY

Year	Uses	Source
2020	VIDYA PARAMESWARAN	EDR Digital Archive
	RYAN CHEN	EDR Digital Archive
2017	RYAN CHEN	Cole Information
2014	R RAMACHAMDRAN	Cole Information
2010	R RAMACHAMDRAN	Cole Information
2006	PURAYAMPALLIL	Haines Company, Inc.
	Gipson	Haines Company, Inc.
2005	JACKSON PURAYAMPALLIL	Cole Information
2000	PURAYAMPALLIG	Haines & Company
	GIPSON PURAYAMPALLIL	Cole Information

FINDINGS

6121 YEADON WAY

Year	Uses	Source
2020	JENNIFER PENE	EDR Digital Archive
2017	MICHAEL SKINNER	Cole Information
2014	ARNULFO ALVARADO	Cole Information
2010	GARY PENE	Cole Information
2006	o NERIOPatricia	Haines Company, Inc.
	PENEJu lle	Haines Company, Inc.
2005	TAMMY HUGHES	Cole Information
2000	JUN SHI	Cole Information
	SHIJun	Haines & Company

6124 YEADON WAY

Year	Uses	Source
2020	CARL CHUN	EDR Digital Archive
	SALLY CHUN	EDR Digital Archive
	JESUS REME	EDR Digital Archive
2017	CARL CHUN	Cole Information
2014	CARL CHUN	Cole Information
2010	REME NACIONALES	Cole Information
2006	a NACIONALES Nancy	Haines Company, Inc.
2005	REME NACIONALES	Cole Information
2000	NERIOPatricia	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6125 YEADON WAY

Year	Uses	Source
2020	YATMAN LAI	EDR Digital Archive
	KIM LAI	EDR Digital Archive
2017	KIM LAI	Cole Information
2014	KIM LAI	Cole Information
2010	KIM DEVOID	Cole Information
2006	LAI Yatman	Haines Company, Inc.
2005	KIM DEVOID	Cole Information
2000	YATMAN LAI	Cole Information

Year	Uses	Source
2000	LAIYarnen	Haines & Company

6128 YEADON WAY

Year	Uses	Source
2020	JANET CROUCH	EDR Digital Archive
	HARVEY CROUCH	EDR Digital Archive
2017	HARVEY CROUCH	Cole Information
2014	HARVEY CROUCH	Cole Information
2010	HARVEY CROUCH	Cole Information
2006	a CROUCH Harvey	Haines Company, Inc.
2005	HARVEY CROUCH	Cole Information
2000	CROUCH Haerey	Haines & Company
	OCCUPANT UNKNOWN	Cole Information

6129 YEADON WAY

Year	Uses	Source
2020	KANDASAMY THIRUMURTHI	EDR Digital Archive
	PRAGADHEESHWARAN THIRUMURTHI	EDR Digital Archive
2017	TRUNG NGO	Cole Information
2014	TRUNG NGO	Cole Information
2010	TRUNG NGO	Cole Information
2006	WING Douglas L	Haines Company, Inc.
2005	DOUGLAS WING	Cole Information
2000	DOUGLAS WING	Cole Information
	WING Douglas	Haines & Company

6132 YEADON WAY

Year	Uses	Source
2020	KETAN GADKARI	EDR Digital Archive
	RISHALI GADKARI	EDR Digital Archive
2017	KETAN GADKARI	Cole Information
2014	KETAN GADKARI	Cole Information
2010	KETAN GADKARI	Cole Information
2006	DELATORRE Maria	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	a SANCHEZ Maria	Haines Company, Inc.
2005	MERCEDES CASPILLO	Cole Information
2000	TERRIZZANOF	Haines & Company

6133 YEADON WAY

Year	Uses	Source
2020	BEENA JOBIN	EDR Digital Archive
	JOBIN ABRAHAM	EDR Digital Archive
2014	EVA CURTIS	Cole Information
2006	a CURTISEva D	Haines Company, Inc.
2000	JAHN Douglas	Haines & Company
	NOGOL ADELMANESH	Cole Information
1996	Jahn Douglas	Pacific Bell

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1 276 INTERNATIONAL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
170 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
172 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
174 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
174 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
174 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
174 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
174 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
174 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
178 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
182 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
182 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
182 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
182 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
182 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
182 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
182 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
183 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
186 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
186 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
187 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
187 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
187 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
187 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
187 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
187 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
187 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
190 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
191 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
191 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
191 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
191 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
191 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
191 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
195 CHERYL BECK DR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 CHERYL BECK CT	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 CHERYL BECK CT	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 CHERYL BECK CT	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 CHERYL BECK CT	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
210 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
210 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
211 CHERYL BECK CT	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
214 CHERYL BECK CT	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
214 CHERYL BECK CT	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
214 CHERYL BECK CT	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
214 CHERYL BECK CT	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
214 CHERYL BECK CT	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
214 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
214 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
215 CHERYL BECK CT	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
218 CHERYL BECK CT	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
218 CHERYL BECK CT	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
218 CHERYL BECK CT	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
218 CHERYL BECK CT	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
218 CHERYL BECK CT	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
218 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
218 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
219 CHERYL BECK CT	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
219 CHERYL BECK CT	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
219 CHERYL BECK CT	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
219 CHERYL BECK CT	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
219 CHERYL BECK CT	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
219 CHERYL BECK CT	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
256 INTERNATIONAL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
256 INTERNATIONAL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
256 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
256 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
260 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 INTERNATIONAL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 INTERNATIONAL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 INTERNATIONAL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
270 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
270 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
272 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
275 INTERNATIONAL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
276 INTERNATIONAL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5915 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5915 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5915 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5915 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5917 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5917 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5917 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5917 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5917 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5917 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5917 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5919 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5919 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5919 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5919 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5919 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5920 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5920 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5921 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5921 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5921 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5924 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5924 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5924 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5927 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5927 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5927 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5927 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5927 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5927 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5928 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5928 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5929 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
5929 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5929 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5929 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5929 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5931 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5931 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5931 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5931 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5932 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5932 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5932 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5933 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5933 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5933 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5933 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5935 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5935 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5935 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5935 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5935 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5935 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5936 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5936 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5937 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5937 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5937 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5937 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5937 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5940 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5940 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5943 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5944 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5944 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5945 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5945 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5945 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5945 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5945 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5945 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
5947 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5947 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5947 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5947 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5947 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5947 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5948 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5948 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISAE LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
5949 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5949 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5951 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5952 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5952 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5953 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
5953 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5953 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5953 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5955 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5955 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5955 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5955 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5955 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5955 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5956 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5956 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5960 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5960 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5961 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5961 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5961 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5963 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5963 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5963 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5963 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5963 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5963 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5964 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5964 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5965 LISA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5965 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
5965 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5965 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5965 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5965 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5965 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5967 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5969 LISKA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
5971 LISKA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6100 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6100 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6100 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6100 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6100 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6100 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6101 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6103 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6103 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6103 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6103 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6104 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6104 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6105 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6105 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6108 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6108 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6108 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6108 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6108 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6108 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6109 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6109 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6109 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6109 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6109 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6112 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6112 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6112 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6112 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6112 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6112 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6112 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6113 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6116 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6116 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6116 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6116 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6116 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6116 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6116 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6117 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6117 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6117 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6117 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6117 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6117 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6117 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6120 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6121 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6121 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6121 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6121 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6121 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6121 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6121 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6124 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6125 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6125 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6125 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6125 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6125 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6125 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6125 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6128 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6129 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6129 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6129 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6129 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6129 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6129 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6129 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6132 YEADON WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6133 YEADON WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6133 YEADON WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6133 YEADON WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6133 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6133 YEADON WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6200 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6204 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6204 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6204 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6204 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6204 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6204 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6205 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6208 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6208 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6208 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6208 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6208 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6208 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6208 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6209 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6212 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6212 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6213 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6213 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6213 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6213 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6213 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6213 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6216 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6216 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6216 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6216 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6216 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6216 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6216 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6217 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6217 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6217 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6217 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6217 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6217 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6220 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6220 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6221 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6224 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6224 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6225 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6225 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6228 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6229 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6229 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6229 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6229 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6229 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6229 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6229 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6232 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6232 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6232 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6232 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6232 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6232 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6233 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6233 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6236 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6236 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6236 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6236 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6236 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6236 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6236 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6237 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6237 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6237 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6237 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6237 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6237 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6240 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6240 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6240 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6240 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6240 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6240 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6241 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6241 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6241 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6241 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6241 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6241 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6244 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6244 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6244 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6244 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6245 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6245 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6245 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6245 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6245 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6245 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6245 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6248 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6249 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6249 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6249 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6249 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6249 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6249 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6252 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6253 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6253 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6253 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6253 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6253 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6253 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6253 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6256 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6256 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6256 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6256 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6256 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6257 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6257 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6257 TIBOUCHINA LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6257 TIBOUCHINA LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6257 TIBOUCHINA LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6257 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6257 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6260 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6260 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6260 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6260 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6260 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6260 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6261 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6261 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6261 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6261 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6261 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6261 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6261 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6263 TIBOUCHINA LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6263 TIBOUCHINA LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6264 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6265 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6265 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6265 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6265 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6265 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6265 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6265 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6268 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6268 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6269 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6272 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6272 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6272 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6272 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6272 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6272 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6272 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6273 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6273 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6273 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6273 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6273 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6273 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6276 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6276 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6276 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6276 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6276 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6276 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6276 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6277 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6280 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6280 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6280 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6280 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6280 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6281 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6284 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6284 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6285 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6285 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6288 GINASHELL CIR	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 GINASHELL CIR	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 GINASHELL CIR	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6288 GINASHELL CIR	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 CEANOTHUS LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 CEANOTHUS LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 CEANOTHUS LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 CEANOTHUS LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 CEANOTHUS LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6289 GINASHELL CIR	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6289 GINASHELL CIR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6292 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6293 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6293 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6293 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6293 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6293 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6293 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6296 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6296 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6296 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6296 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6296 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6296 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6297 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6297 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6297 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6297 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6297 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6297 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6300 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6300 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6300 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6300 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6300 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6300 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6301 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6301 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6301 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6301 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6301 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6304 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6304 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6304 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6304 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6305 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6305 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6305 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6305 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6305 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6308 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6308 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6308 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6308 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6308 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6308 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6308 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6309 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6309 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6309 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6309 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6309 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6309 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6312 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6312 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6312 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6312 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6312 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6312 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6313 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6313 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6313 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6313 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6313 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6313 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6313 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6316 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6316 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6316 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6316 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6316 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6316 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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Address Researched	Address Not Identified in Research Source
6316 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6317 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6317 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6317 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6317 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6317 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6320 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6320 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6320 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6320 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6320 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6320 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6321 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6321 ISLAND PINE WAY	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6321 ISLAND PINE WAY	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6321 ISLAND PINE WAY	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6321 ISLAND PINE WAY	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6321 ISLAND PINE WAY	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6324 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6325 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6325 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6325 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6325 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6325 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6325 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6328 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6329 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6329 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6329 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6329 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6329 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6329 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6329 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6332 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6333 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6333 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6333 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6333 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6333 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6333 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6336 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6336 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6336 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6336 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6336 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6336 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6337 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6337 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6337 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6337 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6337 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6337 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6340 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6341 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6341 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6341 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6341 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6341 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6341 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6344 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6345 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6345 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6345 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6345 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6345 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6345 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6348 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6348 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6348 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6348 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6348 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6348 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6349 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6349 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6349 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6349 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6349 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6349 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6352 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6353 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6353 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
6353 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6353 HOLLY GILLINGHAM LN	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6353 HOLLY GILLINGHAM LN	2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6353 HOLLY GILLINGHAM LN	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
6353 HOLLY GILLINGHAM LN	2020, 2017, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
6120 Liska Lane	2017, 2001, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

APPENDIX F
RESUMES OF ENVIRONMENTAL PROFESSIONALS

DANIEL PARSONS, QSP, EIT

SENIOR STAFF ENGINEER

ENVIRONMENTAL ENGINEERING

Mr. Parsons has over five years of experience providing environmental engineering services for numerous projects throughout Northern California. He supports environmental compliance and remediation related projects in the field and office. Daniel prepares and review technical reports, feasibility studies, work plans, design and construction documents in support of remediation design and environmental compliance. He performs a variety of field work including environmental assessments; environmental investigations; stormwater inspections; site inspections; soil and groundwater sampling; and subcontractor oversight. Daniel assists with proposal development; including preparation of work scopes and budgets.

SELECTED PROJECTS

- 477 Market Street, San Francisco, CA
- SWPPP Inspector – Various Sites, Bay Area, CA*
- Soil and Groundwater Sampling – Various Sites, Presidio of San Francisco, CA*
- Phase I and II Environmental Site Assessments – Various Sites, Bay Area CA*
- Presidio Parkway Redevelopment – Presidio of San Francisco, CA*
- Centerville Unified Site: Soil Vapor Extraction Remediation, Fremont, CA*
- Lendrum Court: Land Use Control Management – Presidio of San Francisco, CA*
- Landfills 8, 10 and E: Five-Year Reviews – Presidio of San Francisco, CA*
- Riley Ave: Groundwater Monitoring and Indoor Air Sampling – Presidio of San Francisco, CA
- Bioswale Restorations: Soil Management and Construction Oversight – Presidio of San Francisco, CA*
- Pulama Lanai Site Characterization – Lanai City, HI*

EDUCATION

M.S., Civil & Environmental Engineering,
San Diego State University

B.S., Civil & Environmental Engineering,
The Ohio State University

PROFESSIONAL REGISTRATION

Qualified SWPPP Practitioner (QSP, #27249) in CA

Certified Erosion, Sediment and Storm Water Inspector (CESSWI, #E0003014) in CA

Engineer in Training (EIT) in CA

*Denotes projects performed prior to employment at Langan

PETER CUSACK

ASSOCIATE PRINCIPAL / VICE PRESIDENT

ENVIRONMENTAL ENGINEERING

Mr. Cusack has 30 years of experience managing and implementing hazardous waste characterization and remediation projects. His experience includes pre-acquisition site assessments, site investigations, removal of underground storage tanks, Phase II investigations, soil and groundwater sampling and remediation, development of soil management plans, aquifer pumping tests, contractor oversight, and field inspection for numerous construction projects and preparation of site closure reports. His work is often done in coordination with our geotechnical practice. He has extensive experience in site investigations and regulatory agency interaction prior to and during new construction/development.

EDUCATION

Bachelor of Technology, Civil Engineering
Rochester Institute of Technology

PROFESSIONAL REGISTRATION

Registered Environmental Assessor

40-Hour Hazardous Waste Operations and Emergency Response Standard (HAZWOPER)

C4 HAZWOPER Supervisor

First Aid and CPR

Contractor State License #979216, Class A, HAZ

AFFILIATIONS

National Ground Water Association,

1992- Present

SELECTED PROJECTS

- Environmental Site Assessments, Numerous Throughout the Bay Area
- Soil and Groundwater Site Investigations, Over 175 Throughout the Bay Area

Academic

- National Center for International Schools, San Francisco, CA
- UCSF Mission Bay Campus, San Francisco, CA
- University of San Francisco, Malloy Hall, San Francisco, CA
- Campus Community Center, Building 21B, Mission Bay, San Francisco, CA
- Hastings College of Law Property, San Francisco, CA
- San Jose Evergreen Community College District, South Campus Development & Automotive Tech Building, San Jose, CA (Project Manager)
- Tenderloin Elementary School, San Francisco, CA

Affordable Housing

- 2060 Folsom Street, Chinatown Community Development Center (CCDC) & Mission Economic Development Agency (MEDA), San Francisco, CA
- Firehouse Square, MidPen Housing Corp, Belmont, CA
- Brooklyn Basin Parcels A and F, MidPen Housing Corp, Oakland, CA
- Downtown San Mateo Parcels, MidPen Housing Corp, San Mateo, CA
- 1178 Sonora Court, MidPen Housing Corp, Sunnyvale, CA
- 707 Bradford Street, MidPen Housing Corp, San Mateo, CA
- 9th and Jessie Street, Multi-Family Residential, San Francisco, CA
- Hotel Essex, 684 Ellis Street, Mercy Housing, San Francisco, CA
- Natalie Gubb Commons, Transbay Block 7 | Mercy Housing, San Francisco, CA
- Mission Bay Block 6 West | Mercy Housing, San Francisco, CA
- 1064 Mission | Mercy Housing, San Francisco, CA
- 600 7th Street | Mercy Housing, San Francisco, CA
- Casa de la Mission | Mercy Housing, San Francisco, CA

- Bill Sorro Community, 200 Sixth Street | Mercy Housing, San Francisco, CA
- 10th & Mission Family Housing | Mercy Housing, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 1180 Fourth Street | Mercy Housing, San Francisco, CA
- 1300 Roosevelt Avenue (Hacienda Project) | Mercy Housing, Richmond, CA
- 165 Eighth Street | Mercy Housing, San Francisco, CA
- 201 Turk Street, Affordable Multi-Family Residential, San Francisco, CA
- 6730 Mission | Mercy Housing, Daly City, CA
- 99 School Street | Mercy Housing, Daly City, CA
- Civic Center Residence | TNDC, 44 McAllister Street, San Francisco, CA
- Edith Witt Senior Community, Ninth & Mission | Mercy Housing, San Francisco, CA
- Episcopal Community Services (ECS) of San Francisco, 165 8th Street, San Francisco, CA
- Kelly Cullen Community, 220 Golden Gate Avenue | TNDC, San Francisco, CA
- Mid-Peninsula Housing, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Mateo, CA
- Openhouse (formerly Richardson Hall), 55 Laguna | Mercy Housing, San Francisco, CA
- Parkview Terraces, Parcel A, Mixed-Use Affordable Housing, San Francisco, CA
- Richardson Hall, 55 Laguna | Mercy Housing, San Francisco, CA
- Saint Anthony Foundation, 121 Golden Gate Avenue | Mercy Housing, San Francisco, CA
- Hotel Essex, 684 Ellis Street | Mercy Housing, San Francisco, CA

Multi-Family Residential

- Midway Village Multi-Family, Daly City, CA
- 5M Development, San Francisco, CA
- Brannan Square, 200 Brannan Street, Multi-Family Residential (New Building and Renovation of a Warehouse), San Francisco, CA
- 2090 South Delaware Street Apartments, San Mateo, CA
- 2121 Third Street, Multi-Family Residential, San Francisco, CA
- 2175 Market Street, Multi-Family Residential, San Francisco, CA
- 300 Spear Street, Multi-Family Residential, San Francisco, CA
- 333 First Street, Multi-Family Residential, San Francisco, CA
- 41 Tehama, Multi-Family Residential High-Rise with 5-Level Underground Parking, San Francisco, CA
- 4606 Almaden Expressway, Multi-Family Residential, San Jose, CA
- 750 Second Street, Multi-Family Residential, San Francisco, CA
- Boynton Place, 970 Boynton Avenue, San Jose, CA
- Lumina, 201 Folsom Street, Multi-Family Residential, San Francisco, CA
- One South Market Street, Multi-Family Residential, San Jose, CA
- Parcel N4AP1, Mission Bay, Multi-Family Residential, San Francisco, CA
- Parcels N3AP2 & N3P2, Mission Bay, San Francisco, CA
- Portside North Residential High-Rise, San Francisco, CA
- Post Street Tower, Downtown Apartments, San Jose, CA

- Radiance at Mission Bay (Buildings 10 and 10A), Multi-Family Residential, Mission Bay, San Francisco, CA
- Silvery Towers, San Jose, CA
- The Metropolitan Condominiums, 333 First Street, San Francisco, CA
- Transbay Block 8, Luxury Residential Tower, San Francisco, CA
- Tasman East Developments, Parcels 57 and 61-64, Santa Clara, CA
- 375 Knowles Drive, Los Gatos, CA
- SJSC Towers, Multi-Family Residential, San Jose, CA
- 411-541 Middlefield Road, Redwood City, CA

Mixed Use

- Oceanwide Center, Office High-Rise and Residential High-Rise, San Francisco, CA
- Bascom Creekside, Mixed-Use Development, Campbell, CA
- Modera San Pedro Square, Infill Mixed-Use Development, San Jose, CA
- Modera The Alameda, Community Development (Residential/Retail), San Jose, CA
- Transbay Block 6, Mixed-Use Residential/Retail High-Rise, San Francisco, CA

Hotel & Retail

- International Hotel Site, San Francisco, CA
- 1165 East Arques Avenue, Fitness Center, Sunnyvale, CA
- Potrero Center, Large Shopping Development, San Francisco, CA
- The Oaks Shopping Center, 21255 Stevens Creek Boulevard, Cupertino, CA

Stadiums and Arenas

- San Jose Earthquakes Stadium, San Jose, CA

Transportation

- New Transbay Transit Center, San Francisco, CA
- Temporary Transbay Terminal, San Francisco, CA
- Coast Guard Island Bridge, Alameda, CA
- Islais Creek RR Bridge, San Francisco, CA
- Lambert Bridge, Healdsburg, CA
- Illinois Street Bridge, San Francisco, CA,

Office

- Intuit Campus Center, Mountain View, CA
- Intuit Marine Way, Mountain View, CA
- Genetics and Developmental Science Building, Building 19B, Phases I & II ESAs, Soil Management Plan, and Closure Report, Mission Bay, San Francisco, CA
- Salesforce Tower, San Francisco, CA
- 535 Mission Street, Office High-Rise, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 555 Mission Street, Office High-Rise, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 575 Middlefield Road, Mountain View, CA
- 5812 Hollis Street, Phases I & II ESAs, Soil Management Plan, and Closure Report, Emeryville, CA

Parks and Recreation
- Hilltop Park Renovation, San Francisco, CA
- Sharp Park, San Francisco Recreation Department, Pacifica, CA

Healthcare
- Kaiser Center, Oakland, CA
- Kaiser Mission Bay, San Francisco, CA
- VA Palo Alto, Palo Alto, CA

Data Centers, Manufacturing and Warehouses
- Monarch Mirror Manufacturing Facility, Vallejo, CA
- Buena Park Distribution Facility, Buena Park, CA
- Equinox Data Center, SV10 and SV-11, San Jose, CA
- La Habra Distribution Facility, La Habra, CA
- The Stanley Works, Groundwater Remediation, Pittsburg, CA

Parking Garages
- Hearst Garage, San Francisco, CA
- Genentech Parking Structures, South San Francisco, CA
- Mission Bay Parking Garage, San Francisco, CA
- Parking Garage, Building 21A, Mission Bay, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- San Francisco Airport Parking Garage, South San Francisco, CA
- Vallejo Station Parking Garage, Soil Management Plan and Construction Oversight, Vallejo, CA
- VTA Parking Structure – Berryessa, San Jose, CA
- VTA Parking Structure – Milpitas, Milpitas, CA

Government
- City of San Pablo, Phase I and II ESAs, San Pablo, CA
- Santa Clara County Family Courthouse, 170 Park Avenue, San Jose, CA

Miscellaneous

San Jose Bus Station (Formerly Greyhound), 60 Almaden Avenue, San Jose, CA

Appendix H

Noise and Vibration Supporting Information

ESA

Appendix NOI
Noise and Vibration Appendix

RCNM Outputs for Construction Noise

Traffic Noise Model

Noise Monitoring

Stationary Source Noise Modeling

Vibration Model

RCNM Outputs for Construction Noise

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/28/2023
Case Description: Site Preparation - Trailers

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Apartment	Residential	62.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	50.0	0.0
Concrete Saw	No	20		89.6	50.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Equipment	Calculated (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Concrete Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	89.6	85.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Bright Horizons at San Jose	Commercial	61.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	100.0	0.0
Concrete Saw	No	20		89.6	220.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Calculated (dBA)	Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	83.6	76.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	76.7	69.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	83.6	77.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Del Canto Dr Residences	Residential	67.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	1300.0	0.0
Concrete Saw	No	20		89.6	320.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Calculated (dBA)									
Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	61.3	54.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	73.5	66.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	73.5	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #4 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Branch Library	Commercial	59.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	1000.0	0.0
Concrete Saw	No	20		89.6	120.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Calculated (dBA)									
Day		Evening		Night		Day		Evening		Night	

Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	63.6	56.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	82.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	82.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #5 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Coffeeberry Drive Residences	Residential	72.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	1800.0	0.0
Concrete Saw	No	20		89.6	390.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Calculated (dBA)	Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	58.5	51.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71.7	64.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #6 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Larchmont Drive/Brian Court Residences	Residential	69.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	1850.0	0.0
Concrete Saw	No	20		89.6	380.0	0.0

Results

Equipment	Calculated (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Concrete Saw	58.2	51.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.0	65.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 08/14/2023
Case Description: Demolition

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Apartment	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	290.0	0.0
Mounted Impact Hammer (hoe ram)	Yes	20		90.3	290.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
	Noise Limits (dBA)								Noise Limit Exceedance (dBA)					
Concrete Saw	74.3	67.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mounted Impact Hammer (hoe ram)	75.0	68.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	75.0	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Bright Horizons at San Jose	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	220.0	0.0
Mounted Impact Hammer (hoe ram)	Yes	20		90.3	220.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	76.7	69.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mounted Impact Hammer (hoe ram)	77.4	70.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	77.4	73.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 08/14/2023
Case Description: Site Preparation

**** Receptor #1 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Santa Teresa Apartment	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	290.0	0.0
Concrete Saw	No	20		89.6	290.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	74.3	67.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	74.3	67.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	74.3	70.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Bright Horizons at San Jose	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	220.0	0.0
Concrete Saw	No	20		89.6	220.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	76.7	69.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	76.7	69.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	76.7	72.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Del Canto Dr Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6	320.0	0.0	
Concrete Saw	No	20	89.6	320.0	0.0	

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	73.5	66.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	73.5	66.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	73.5	69.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #4 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Santa Teresa Branch Library	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	120.0	0.0
Concrete Saw	No	20		89.6	120.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	82.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	82.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	82.0	78.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #5 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Coffeeberry Drive Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	390.0	0.0
Concrete Saw	No	20		89.6	390.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A

Total	71.7	67.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #6 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Larchmont Drive/Brian Court Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	380.0	0.0
Concrete Saw	No	20		89.6	380.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.0	68.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/13/2023
Case Description: Grading (Parking Structure)

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Apartment	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		310.0	0.0
Tractor	No	40	84.0		310.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Noise Limit Exceedance (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Grader	69.2	65.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	68.2	64.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.2	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Branch Library	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		120.0	0.0
Tractor	No	40	84.0		120.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Grader	77.4	73.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	76.4	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	77.4	76.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Del Canto Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Grader	No	40	85.0		320.0	0.0
Tractor	No	40	84.0		320.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Grader	68.9	64.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	67.9	63.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	68.9	67.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/13/2023
Case Description: Grading (Hospital)

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Del Canto Dr Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	700.0	0.0
Tractor	No	40	84.0		700.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	66.7	59.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	61.1	57.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	66.7	61.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Coffeeberry Drive Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	390.0	0.0
Tractor	No	40	84.0		390.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	66.2	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Larchmont Drive/Brian Court Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6		380.0	0.0
Tractor	No	40	84.0		380.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	66.4	62.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.0	66.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/12/2023
Case Description: Trenching (Parking Structure)

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Apartment	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Tractor	No	40	84.0		310.0	0.0
Tractor	No	40	84.0		310.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Noise Limit Exceedance (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Tractor	68.2	64.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	68.2	64.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	68.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Branch Library	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Tractor	No	40	84.0		120.0	0.0
Tractor	No	40	84.0		120.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
			Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
Tractor	76.4	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	76.4	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	76.4	75.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Del Canto Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Tractor	No	40	84.0		320.0	0.0
Tractor	No	40	84.0		320.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
			Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
Tractor	67.9	63.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	67.9	63.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	67.9	66.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/12/2023
Case Description: Trenching (Hospital)

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Del Canto Dr Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6	700.0	0.0	
Tractor	No	40	84.0	700.0	0.0	

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Noise Limit Exceedance (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Concrete Saw	66.7	59.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	61.1	57.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	66.7	61.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Coffeeberry Drive Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6	390.0	0.0	
Tractor	No	40	84.0	390.0	0.0	

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	66.2	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Larchmont Drive/Brian Court Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6		380.0	0.0
Tractor	No	40	84.0		380.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	66.4	62.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.0	66.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/12/2023
Case Description: Trenching (Hospital)

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Del Canto Dr Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20		89.6	500.0	0.0
Concrete Saw	No	20		89.6	500.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Noise Limit Exceedance (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Concrete Saw	69.6	62.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	69.6	62.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.6	65.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Coffeeberry Drive Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20		89.6	390.0	0.0
Concrete Saw	No	20		89.6	390.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71.7	67.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Larchmont Drive/Brian Court Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20		89.6	380.0	0.0
Concrete Saw	No	20		89.6	380.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	72.0	65.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.0	68.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/13/2023
Case Description: Trenching (Parking Structure)

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Apartment	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Gradall	No	40		83.4	310.0	0.0
Gradall	No	40		83.4	310.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Gradall	67.6	63.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gradall	67.6	63.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	67.6	66.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Santa Teresa Branch Library	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Gradall	No	40		83.4	120.0	0.0
Gradall	No	40		83.4	120.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Gradall	75.8	71.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gradall	75.8	71.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	75.8	74.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Del Canto Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Gradall	No	40		83.4	320.0	0.0
Gradall	No	40		83.4	320.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Gradall	67.3	63.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gradall	67.3	63.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	67.3	66.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 08/14/2023
Case Description: Paving Phase

**** Receptor #1 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Santa Teresa Apartment	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		310.0	0.0
Tractor	No	40	84.0		310.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	69.2	65.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	68.2	64.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.2	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Bright Horizons at San Jose	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		220.0	0.0
Tractor	No	40	84.0		220.0	0.0

Results

	Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	72.1	68.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	71.1	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.1	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Del Canto Dr Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		320.0	0.0
Tractor	No	40	84.0		320.0	0.0

Results

	Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	68.9	64.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	67.9	63.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	68.9	67.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #4 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Santa Teresa Branch Library	Commercial	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Grader	No	40	85.0		120.0	0.0
Tractor	No	40	84.0		120.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	77.4	73.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	76.4	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	77.4	76.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #5 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Coffeeberry Drive Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Grader	No	40	85.0		390.0	0.0
Tractor	No	40	84.0		390.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	67.2	63.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	66.2	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A

Total	67.2	65.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #6 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Larchmont Drive/Brian Court Residences	Residential	55.0	55.0	50.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Grader	No	40	85.0		380.0	0.0
Tractor	No	40	84.0		380.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	67.4	63.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	66.4	62.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	67.4	65.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Traffic Noise Model

Existing

ROAD SEGMENT			TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL 15 meters from	Receptor Dist. from Roadway	Adjusted Noise Level	Distance from Roadway to 65 dBA	Distance from Roadway to 65 dBA
Calveno Peak				Auto		MT		HT		Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
	from:	to:		%	Auto	%	MT	%	HT										roadway center)	Center (m.)	(dBA)	(m.)	(ft)
Cottle Road	SR 85 SB Off-Ramp	Hospital Pkwy/Palmia Dr	3129	95	2972.6	3	93.87	2	62.58	35	56	35	56	35	56	69.0	63.8	68.7	72.5	40	68.2	84.5	277.3
Palmia Dr	Cottle Road	Primrose Drive	665	95	631.75	3	19.95	2	13.3	25	40	25	40	25	40	58.1	54.8	60.6	63.2	40	59.0	10.0	32.7
Hospital Pkwy	Cottle Road	International Circle	1028	95	976.6	3	30.84	2	20.56	25	40	25	40	25	40	60.0	56.6	62.5	65.1	40	60.9	15.4	50.6
Cottle Road	Hospital Pkwy/Palmia Dr	Santa Teresa Boulevard	2271	95	2157.5	3	68.13	2	45.42	35	56	35	56	35	56	67.6	62.4	67.3	71.1	40	66.9	61.4	201.3
Cottle Road	Santa Teresa Boulevard	El Portal Way	1142	95	1084.9	3	34.26	2	22.84	35	56	35	56	35	56	64.7	59.4	64.3	68.1	40	63.9	30.9	101.2
Santa Teresa Boulevard	Lean Avenue	Cottle Road	1691	95	1606.5	3	50.73	2	33.82	45	72	45	72	45	72	69.5	62.8	67.0	72.0	40	67.8	75.4	247.3
Santa Teresa Boulevard	Cottle Road	Camino Verde Drive	1881	95	1787	3	56.43	2	37.62	45	72	45	72	45	72	70.0	63.3	67.5	72.5	40	68.2	83.9	275.1
Camino Verde Drive	El Portal Way	Santa Teresa Boulevard	416	95	395.2	3	12.48	2	8.32	25	40	25	40	25	40	56.1	52.7	58.6	61.2	40	56.9	6.2	20.5
Santa Teresa Boulevard	Camino Verde Drive	Lissow Drive/Encinal Drive	1502	95	1426.9	3	45.06	2	30.04	45	72	45	72	45	72	69.0	62.3	66.5	71.5	40	67.2	67.0	219.7

Assumptions: PM peak hour traffic data from Fehr & Peers

Cumulative Program-Level

ROAD SEGMENT			TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL 15 meters from	Receptor Dist. from Roadway	Adjusted Noise Level	Distance from Roadway to 65 dBA	Distance from Roadway to 65 dBA
Calveno Peak				Auto		MT		HT		Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
	from:			%	Auto	%	MT	%	HT										roadway center)	Center (m.)	(dBA)	(m.)	(ft)
Cottle Road	SR 85 SB Off-Ramp	Hospital Pkwy/Palmia Dr	3926	95	3729.7	3	117.8	2	78.52	35	56	35	56	35	56	70.0	64.7	69.7	73.5	40	69.2	106.1	348.0
Palmia Dr	Cottle Road	Primrose Drive	665	95	631.75	3	19.95	2	13.3	25	40	25	40	25	40	58.1	54.8	60.6	63.2	40	59.0	10.0	32.7
Hospital Pkwy	Cottle Road	International Circle	1440	95	1368	3	43.2	2	28.8	25	40	25	40	25	40	61.5	58.1	64.0	66.6	40	62.3	21.6	70.9
Cottle Road	Hospital Pkwy/Palmia Dr	Santa Teresa Boulevard	2850	95	2707.5	3	85.5	2	57	35	56	35	56	35	56	68.6	63.4	68.3	72.1	40	67.8	77.0	252.6
Cottle Road	Santa Teresa Boulevard	El Portal Way	1583	95	1503.9	3	47.49	2	31.66	35	56	35	56	35	56	66.1	60.8	65.7	69.5	40	65.3	42.8	140.3
Santa Teresa Boulevard	Lean Avenue	Cottle Road	3911	95	3715.5	3	117.3	2	78.22	45	72	45	72	45	72	73.2	66.4	70.7	75.7	40	71.4	174.4	572.1
Santa Teresa Boulevard	Cottle Road	Camino Verde Drive	4124	95	3917.8	3	123.7	2	82.48	45	72	45	72	45	72	73.4	66.7	70.9	75.9	40	71.6	183.9	603.2
Camino Verde Drive	El Portal Way	Santa Teresa Boulevard	408	95	387.6	3	12.24	2	8.16	25	40	25	40	25	40	56.0	52.6	58.5	61.1	40	56.8	6.1	20.1
Santa Teresa Boulevard	Camino Verde Drive	Lissow Drive/Encinal Drive	2713	95	2577.4	3	81.39	2	54.26	45	72	45	72	45	72	71.6	64.8	69.1	74.1	40	69.8	121.0	396.8

Assumptions: AM peak hour traffic data from Fehr & Peers

Background

ROAD SEGMENT			TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL 15 meters from	Receptor Dist. from Roadway	Adjusted Noise Level	Distance from Roadway to 65 dBA	Distance from Roadway to 65 dBA
Calveno Peak				Auto		MT		HT		Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
	from:			%	Auto	%	MT	%	HT										roadway center)	Center (m.)	(dBA)	(m.)	(ft)
Cottle Road	SR 85 SB Off-Ramp	Hospital Pkwy/Palmia Dr	3317	95	3151.2	3	99.51	2	66.34	35	56	35	56	35	56	69.3	64.0	69.0	72.8	40	68.5	89.6	294.0
Palmia Dr	Cottle Road	Primrose Drive	665	95	631.75	3	19.95	2	13.3	25	40	25	40	25	40	58.1	54.8	60.6	63.2	40	59.0	10.0	32.7
Hospital Pkwy	Cottle Road	International Circle	1028	95	976.6	3	30.84	2	20.56	25	40	25	40	25	40	60.0	56.6	62.5	65.1	40	60.9	15.4	50.6
Cottle Road	Hospital Pkwy/Palmia Dr	Santa Teresa Boulevard	2438	95	2316.1	3	73.14	2	48.76	35	56	35	56	35	56	68.0	62.7	67.6	71.4	40	67.2	65.9	216.1
Cottle Road	Santa Teresa Boulevard	El Portal Way	1583	95	1503.9	3	47.49	2	31.66	35	56	35	56	35	56	66.1	60.8	65.7	69.5	40	65.3	42.8	140.3
Santa Teresa Boulevard	Lean Avenue	Cottle Road	3821	95	3630	3	114.6	2	76.42	45	72	45	72	45	72	73.1	66.3	70.6	75.6	40	71.3	170.3	558.9
Santa Teresa Boulevard	Cottle Road	Camino Verde Drive	3712	95	3526.4	3	111.4	2	74.24	45	72	45	72	45	72	72.9	66.2	70.5	75.4	40	71.2	165.5	543.0
Camino Verde Drive	El Portal Way	Santa Teresa Boulevard	418	95	397.1	3	12.54	2	8.36	25	40	25	40	25	40	56.1	52.7	58.6	61.2	40	57.0	6.3	20.6
Santa Teresa Boulevard	Camino Verde Drive	Lissow Drive/Encinal Drive	2669	95	2535.6	3	80.07	2	53.38	45	72	45	72	45	72	71.5	64.8	69.0	74.0	40	69.7	119.0	390.4

Assumptions: AM peak hour traffic data from Fehr & Peers

Background Plus Project

ROAD SEGMENT			TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL 15 meters from	Receptor Dist. from Roadway	Adjusted Noise Level	Distance from Roadway to 65 dBA	Distance from Roadway to 65 dBA
Calveno Peak				Auto		MT		HT		Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
	from:			%	Auto	%	MT	%	HT										roadway center)	Center (m.)	(dBA)	(m.)	(ft)
Cottle Road	SR 85 SB Off-Ramp	Hospital Pkwy/Palmia Dr	3505	95	3329.8	3	105.2	2	70.1	35	56	35	56	35	56	69.5	64.3	69.2	73.0	40	68.7	94.7	310.7
Palmia Dr	Cottle Road	Primrose Drive	665	95	631.75	3	19.95	2	13.3	25	40	25	40	25	40	58.1	54.8	60.6	63.2	40	59.0	10.0	32.7
Hospital Pkwy	Cottle Road	International Circle	1121	95	1065	3	33.63	2	22.42	25	40	25	40	25	40	60.4	57.0	62.9	65.5	40	61.2	16.8	55.2
Cottle Road	Hospital Pkwy/Palmia Dr	Santa Teresa Boulevard	2531	95	2404.5	3	75.93	2	50.62	35	56	35	56	35	56	68.1	62.8	67.8	71.6	40	67.3	68.4	224.3
Cottle Road	Santa Teresa Boulevard	El Portal Way	1583	95	1503.9	3	47.49	2	31.66	35	56	35	56	35	56	66.1	60.8	65.7	69.5	40	65.3	42.8	140.3
Santa Teresa Boulevard	Lean Avenue	Cottle Road	3847	95	3654.7	3	115.4	2	76.94	45	72	45	72	45	72	73.1	66.4	70.6	75.6	40	71.3	171.5	562.7
Santa Teresa Boulevard	Cottle Road	Camino Verde Drive	3806	95	3615.7	3	114.2	2	76.12	45	72	45	72	45	72	73.0	66.3	70.6	75.5	40	71.3	169.7	556.7
Camino Verde Drive	El Portal Way	Santa Teresa Boulevard	408	95	387.6	3	12.24	2	8.16	25	40	25	40	25	40	56.0	52.6	58.5	61.1	40	56.8	6.1	20.1
Santa Teresa Boulevard	Camino Verde Drive	Lissow Drive/Encinal Drive	2681	95	2547	3	80.43	2	53.62	45	72	45	72	45	72	71.5	64.8	69.0	74.0	40	69.8	119.5	392.2

Assumptions: AM peak hour traffic data from Fehr & Peers

Noise Monitoring

Summary

File Name on Meter	831_Data.083.s
File Name on PC	831_0002783-20230620 124739-831_Data.083.ldbin
Serial Number	0002783
Model	Model 831
Firmware Version	2.403
User	Nick Reynoso
Location	ST-1: Behind 114 Coffeeberry Drive where Cottle Road meets Pamia Drive
Job Description	Kaiser Permanente San José Medical Center
Note	

Measurement

Description		
Start	2023-06-20 12:47:39	
Stop	2023-06-20 13:03:01	
Duration	00:15:21.9	
Run Time	00:15:21.9	
Pause	00:00:00.0	
Pre-Calibration	2023-06-20 11:35:42	
Post-Calibration	None	
Calibration Deviation	---	

Overall Settings

RMS Weight	A Weighting	
Peak Weight	Z Weighting	
Detector	Slow	
Preamplifier	PRM831	
Microphone Correction	Off	
Integration Method	Linear	
OBA Range	Low	
OBA Bandwidth	1/1 and 1/3	
OBA Frequency Weighting	Z Weighting	
OBA Max Spectrum	Bin Max	
Gain	0.0	dB
Overload	142.2	dB

	A	**C**	**Z**	
Under Range Peak	74.7	71.7	**76.7**	dB
Under Range Limit	**25.8**	25.8	30.7	dB
Noise Floor	16.6	16.7	21.6	dB

	First	**Second**	**Third**
Instrument Identification			

Results

L_{Aeq}	72.1		
LAE	101.7		
EA	1.656	mPa²h	
$LZ_{peak\ (max)}$	2023-06-20 12:49:52	114.0	dB
LAS_{max}	2023-06-20 12:49:53	89.8	dB
LAS_{min}	2023-06-20 13:00:36	55.5	dB
SEA	-99.9	dB	

	Exceedance Counts	**Duration**	
LAS > 65.0 dB	23	606.6	s
LAS > 85.0 dB	3	9.9	s
LZ_{peak} > 135.0 dB	0	0.0	s
LZ_{peak} > 137.0 dB	0	0.0	s
LZ_{peak} > 140.0 dB	0	0.0	s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**	**LNight 22:00-07:00**	
	72.1	72.1	-99.9	72.1	72.1	-99.9	-99.9	dB

LC_{eq}	80.4	dB
LA_{eq}	72.1	dB
LC_{eq} - LA_{eq}	8.4	dB
LAI_{eq}	74.3	dB
LA_{eq}	72.1	dB
LAI_{eq} - LA_{eq}	2.2	dB

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	72.1		80.4		81.0	
$L_{S(max)}$	89.8	2023/06/20 12:49:53	101.3	2023/06/20 12:49:54	101.6	2023/06/20 12:49:54
$L_{F(max)}$	91.8	2023/06/20 12:49:53	103.6	2023/06/20 12:49:53	103.9	2023/06/20 12:49:53
$L_{I(max)}$	92.7	2023/06/20 12:49:53	104.4	2023/06/20 12:49:53	104.6	2023/06/20 12:49:53
$L_{S(min)}$	55.5	2023/06/20 13:00:36	66.4	2023/06/20 12:54:40	68.9	2023/06/20 12:54:42
$L_{F(min)}$	54.7	2023/06/20 13:00:33	64.6	2023/06/20 12:51:19	66.5	2023/06/20 12:51:20
$L_{I(min)}$	55.3	2023/06/20 13:00:38	66.7	2023/06/20 12:51:20	70.0	2023/06/20 12:56:12
$L_{Peak(max)}$	109.9	2023/06/20 12:49:54	113.9	2023/06/20 12:49:52	114.0	2023/06/20 12:49:52

Overload Count	0	
Overload Duration	0.0	s
OBA Overload Count	2	
OBA Overload Duration	6.5	s

Summary

File Name on Meter	831_Data.080.s
File Name on PC	831_0002783-20230620 114005-831_Data.080.ldbin
Serial Number	0002783
Model	Model 831
Firmware Version	2.403
User	Nick Reynoso
Location	ST-2: In front of Bright Horizons at San Jose
Job Description	Kaiser Permanente San José Medical Center
Note	

Measurement

Description	
Start	2023-06-20 11:40:05
Stop	2023-06-20 11:55:06
Duration	00:15:00.8
Run Time	00:15:00.8
Pause	00:00:00.0
Pre-Calibration	2023-06-20 11:35:43
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Low
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	Z Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	142.2 dB

	A	**C**	**Z**
Under Range Peak	74.7	71.7	**76.7** dB
Under Range Limit	**25.8**	25.8	30.7 dB
Noise Floor	16.6	16.7	21.6 dB

	First	**Second**	**Third**
Instrument Identification			

Results

L_{Aeq}	60.7	
LAE	90.2	
EA	117.530	µPa²h
$L_{Zpeak\ (max)}$	2023-06-20 11:50:53	98.0 dB
L_{ASmax}	2023-06-20 11:50:53	79.7 dB
L_{ASmin}	2023-06-20 11:40:21	48.5 dB
SEA	-99.9 dB	

	Exceedance Counts	**Duration**
LAS > 65.0 dB	5	56.7 s
LAS > 85.0 dB	0	0.0 s
L_{Zpeak} > 135.0 dB	0	0.0 s
L_{Zpeak} > 137.0 dB	0	0.0 s
L_{Zpeak} > 140.0 dB	0	0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**	**LNight 22:00-07:00**	
	60.7	60.7	-99.9	60.7	60.7	-99.9	-99.9	dB

L_{Ceq}	68.8	dB
L_{Aeq}	60.7	dB
L_{Ceq} - L_{Aeq}	8.1	dB
L_{AIeq}	62.0	dB
L_{Aeq}	60.7	dB
L_{AIeq} - L_{Aeq}	1.3	dB

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	60.7		68.8		72.1	
$L_{S(max)}$	79.7	2023/06/20 11:50:53	84.6	2023/06/20 11:50:53	85.4	2023/06/20 11:50:53
$L_{F(max)}$	80.8	2023/06/20 11:50:52	85.8	2023/06/20 11:50:52	86.7	2023/06/20 11:50:53
$L_{I(max)}$	81.1	2023/06/20 11:50:52	86.7	2023/06/20 11:50:52	89.2	2023/06/20 11:45:24
$L_{S(min)}$	48.5	2023/06/20 11:40:21	59.8	2023/06/20 11:53:55	62.5	2023/06/20 11:48:37
$L_{F(min)}$	47.9	2023/06/20 11:53:54	57.8	2023/06/20 11:53:58	60.5	2023/06/20 11:40:11
$L_{I(min)}$	48.3	2023/06/20 11:40:24	60.1	2023/06/20 11:46:13	63.6	2023/06/20 11:48:35
$L_{Peak(max)}$	92.4	2023/06/20 11:50:52	97.0	2023/06/20 11:50:52	98.0	2023/06/20 11:50:53

Overload Count	0	
Overload Duration	0.0	s
OBA Overload Count	0	
OBA Overload Duration	0.0	s

Summary

File Name on Meter	831_Data.082.s
File Name on PC	831_0002783-20230620 121945-831_Data.082.ldbin
Serial Number	0002783
Model	Model 831
Firmware Version	2.403
User	Nick Reynoso
Location	ST-3: Behind 6107 Del Canto Drive on Santa Teresa Blvd
Job Description	Kaiser Permanente San José Medical Center
Note	

Measurement

Description	
Start	2023-06-20 12:19:45
Stop	2023-06-20 12:35:36
Duration	00:15:51.2
Run Time	00:15:51.2
Pause	00:00:00.0
Pre-Calibration	2023-06-20 11:35:42
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Low
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	Z Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	142.2 dB

	A	**C**	**Z**
Under Range Peak	74.7	71.7	**76.7** dB
Under Range Limit	**25.8**	25.8	30.7 dB
Noise Floor	16.6	16.7	21.6 dB

	First	**Second**	**Third**
Instrument Identification			

Results

L_{Aeq}	67.3	
LAE	97.0	
EA	561.864 µPa²h	
$LZ_{peak\ (max)}$	2023-06-20 12:35:14	105.0 dB
LAS_{max}	2023-06-20 12:35:14	84.7 dB
LAS_{min}	2023-06-20 12:27:42	49.2 dB
SEA	-99.9 dB	

	Exceedance Counts	**Duration**
LAS > 65.0 dB	38	380.6 s
LAS > 85.0 dB	0	0.0 s
LZ_{peak} > 135.0 dB	0	0.0 s
LZ_{peak} > 137.0 dB	0	0.0 s
LZ_{peak} > 140.0 dB	0	0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**	**LNight 22:00-07:00**	
	67.3	67.3	-99.9	67.3	67.3	-99.9	-99.9	dB

LC_{eq}	75.2 dB	
LA_{eq}	67.3 dB	
LC_{eq} - LA_{eq}	7.9 dB	
LAI_{eq}	68.8 dB	
LA_{eq}	67.3 dB	
LAI_{eq} - LA_{eq}	1.6 dB	

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	67.3		75.2		76.0	
$L_{S(max)}$	84.7	2023/06/20 12:35:14	93.9	2023/06/20 12:35:14	94.0	2023/06/20 12:35:14
$L_{F(max)}$	86.7	2023/06/20 12:35:14	96.9	2023/06/20 12:26:02	97.1	2023/06/20 12:26:02
$L_{I(max)}$	87.7	2023/06/20 12:35:14	97.8	2023/06/20 12:35:13	98.0	2023/06/20 12:35:13
$L_{S(min)}$	49.2	2023/06/20 12:27:42	61.6	2023/06/20 12:27:41	64.1	2023/06/20 12:30:48
$L_{F(min)}$	48.6	2023/06/20 12:27:37	59.8	2023/06/20 12:27:40	62.5	2023/06/20 12:30:48
$L_{I(min)}$	49.2	2023/06/20 12:27:42	62.5	2023/06/20 12:27:41	64.9	2023/06/20 12:30:52
$L_{Peak(max)}$	97.6	2023/06/20 12:35:14	106.1	2023/06/20 12:35:14	105.0	2023/06/20 12:35:14

Overload Count	0	
Overload Duration	0.0	s
OBA Overload Count	0	
OBA Overload Duration	0.0	s

Summary

File Name on Meter	831_Data.081.s
File Name on PC	831_0002783-20230620 115943-831_Data.081.ldbin
Serial Number	0002783
Model	Model 831
Firmware Version	2.403
User	Nick Reynoso
Location	ST-4: In front of Santa Teresa Branch Library
Job Description	Kaiser Permanente San José Medical Center
Note	

Measurement

Description	
Start	2023-06-20 11:59:43
Stop	2023-06-20 12:14:43
Duration	00:15:00.6
Run Time	00:15:00.6
Pause	00:00:00.0
Pre-Calibration	2023-06-20 11:35:42
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRM831
Microphone Correction	Off
Integration Method	Linear
OBA Range	Low
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	Z Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	142.2 dB

	A	**C**	**Z**
Under Range Peak	74.7	71.7	**76.7** dB
Under Range Limit	**25.8**	25.8	30.7 dB
Noise Floor	16.6	16.7	21.6 dB

	First	**Second**	**Third**
Instrument Identification			

Results

L_{Aeq}	58.7	
LAE	88.2	
EA	73.868 µPa²h	
$LZ_{peak\ (max)}$	2023-06-20 12:08:48	100.6 dB
LAS_{max}	2023-06-20 12:13:57	71.7 dB
LAS_{min}	2023-06-20 12:12:10	50.3 dB
SEA	-99.9 dB	

	Exceedance Counts	**Duration**
LAS > 65.0 dB	7	67.6 s
LAS > 85.0 dB	0	0.0 s
LZ_{peak} > 135.0 dB	0	0.0 s
LZ_{peak} > 137.0 dB	0	0.0 s
LZ_{peak} > 140.0 dB	0	0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**	**LNight 22:00-07:00**	
	58.7	58.7	-99.9	58.7	58.7	-99.9	-99.9	dB

LC_{eq}	69.5 dB	
LA_{eq}	58.7 dB	
LC_{eq} - LA_{eq}	10.8 dB	
LAI_{eq}	61.2 dB	
LA_{eq}	58.7 dB	
LAI_{eq} - LA_{eq}	2.5 dB	

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	58.7		69.5		71.4	
$L_{S(max)}$	71.7	2023/06/20 12:13:57	81.7	2023/06/20 12:11:20	82.3	2023/06/20 12:11:20
$L_{F(max)}$	74.4	2023/06/20 12:07:46	85.4	2023/06/20 12:08:48	88.1	2023/06/20 12:08:48
$L_{I(max)}$	76.2	2023/06/20 12:07:46	89.8	2023/06/20 12:08:48	92.1	2023/06/20 12:08:48
$L_{S(min)}$	50.3	2023/06/20 12:12:10	62.6	2023/06/20 12:12:29	65.1	2023/06/20 12:12:29
$L_{F(min)}$	49.5	2023/06/20 12:12:09	61.1	2023/06/20 12:12:27	63.4	2023/06/20 12:12:28
$L_{I(min)}$	50.2	2023/06/20 12:12:10	63.2	2023/06/20 12:12:29	65.9	2023/06/20 12:12:29
$L_{Peak(max)}$	87.1	2023/06/20 12:13:56	97.7	2023/06/20 12:08:48	100.6	2023/06/20 12:08:48

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Summary

File Name on Meter	LxT_Data.165.s
File Name on PC	LxT_0004435-20230620 120000-LxT_Data.165.ldbin
Serial Number	0004435
Model	SoundTrack LxT®
Firmware Version	2.404
User	Nick Reynoso
Location	LT-1: East side of 6054 Larchmont Drive on Cottle Road
Job Description	Kaiser Permanente San José Medical Center
Note	

Measurement

Description		
Start	2023-06-20	12:00:00
Stop	2023-06-22	12:00:00
Duration		48:00:00.0
Run Time		48:00:00.0
Pause		00:00:00.0
Pre-Calibration	2023-06-20	11:22:35
Post-Calibration		None
Calibration Deviation		---

Overall Settings

RMS Weight	A Weighting	
Peak Weight	Z Weighting	
Detector	Slow	
Preamplifier	PRMLxT2B	
Microphone Correction	Off	
Integration Method	Exponential	
Overload	144.4	dB

	A	**C**	**Z**	
Under Range Peak	100.6	97.6	**102.6**	dB
Under Range Limit	**38.9**	38.5	45.3	dB
Noise Floor	29.8	29.4	36.2	dB

	First	**Second**	**Third**
Instrument Identification			

Results

L_{ASeq}	59.6			
LASE	112.0			
EAS	17.499	mPa²h		
EAS8	2.916	mPa²h		
EAS40	14.582	mPa²h		
$LZ_{peak\ (max)}$	2023-06-21 14:08:44		117.4	dB
LAS_{max}	2023-06-22 10:52:44		89.1	dB
LAS_{min}	2023-06-22 03:35:16		46.4	dB
SEA	-99.9	dB		

	Exceedance Counts	**Duration**	
LAS > 85.0 dB	3	6.1	s
LAS > 115.0 dB	0	0.0	s
LZ_{peak} > 135.0 dB	0	0.0	s
LZ_{peak} > 137.0 dB	0	0.0	s
LZ_{peak} > 140.0 dB	0	0.0	s

LC_{Seq}	69.8	dB
LA_{Seq}	59.6	dB
LC_{Seq} - LA_{Seq}	10.2	dB
LAI_{eq}	62.4	dB
LA_{eq}	59.6	dB
LAI_{eq} - LA_{eq}	2.8	dB

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	59.6					
$L_{S(max)}$	89.1	2023/06/22 10:52:44				
$L_{S(min)}$	46.4	2023/06/22 3:35:16				
$L_{Peak(max)}$					117.4	2023/06/21 14:08:44

Overload Count	0	
Overload Duration	0.0	s

Calculated Ldn from Long-Term Noise Monitoring Data

LT-1 East side of 6054 Larchmont Drive on Cottle Road
June 21/22
Wednesday/Thursday

		TIME	dBA	Numbers...	10 dBA More Numbers...	5 dBA
Midnight	0 / 24		52.5	177776	1777764	562178
am	1:00	100	50.1	102811	1028106	325116
	2:00	200	49.3	85193	851934	269405
	3:00	300	49.2	83346	833464	263565
	4:00	400	49.9	98090	980901	310188
	5:00	500	63.4	2210202	22102022	6989273
	6:00	600	58.7	739078	7390775	2337168
	7:00	700	58.7	745597	7455967	2357784
	8:00	800	61.2	1303368	13033678	4121611
	9:00	900	64.2	2618105	26181046	8279174
	10:00	1000	60.4	1102399	11023995	3486093
	11:00	1100	58.7	746487	7464866	2360598
	12:00	1200	61.5	1408844	14088443	4455157
pm	13:00	1300	61.3	1348140	13481400	4263193
	14:00	1400	62.8	1883797	18837966	5957088
	15:00	1500	60.8	1197865	11978653	3787983
	16:00	1600	61.7	1476580	14765801	4669356
	17:00	1700	62.2	1673127	16731274	5290893
	18:00	1800	59.5	889660	8896599	2813352
	19:00	1900	59.5	898096	8980965	2840030
	20:00	2000	57.7	588023	5880226	1859491
	21:00	2100	59.3	844275	8442751	2669832
	22:00	2200	57.4	545178	5451776	1724003
pm	23:00	2300	54.6	290435	2904350	918436

Leq Nighttime 10:00 p.m.-7:00 a.m. (not penalized)
57 dBA

Leq Daytime 7:00 am-10:00 p.m.
62 dBA

Leq 24-Hour
60 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
64 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
64 dBA **and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

CNEL - Ldn 0.339117

Summary

File Name on Meter	LxT_Data.117.s
File Name on PC	LxT_0004337-20230620 120000-LxT_Data.117.ldbin
Serial Number	0004337
Model	SoundTrack LxT®
Firmware Version	2.404
User	Nick Reynoso
Location	LT-2: West side parking lot of Santa Teresa Apartments
Job Description	Kaiser Permanente San José Medical Center
Note	

Measurement

Description		
Start	2023-06-20	12:00:00
Stop	2023-06-22	12:00:00
Duration		48:00:00.0
Run Time		48:00:00.0
Pause		00:00:00.0
Pre-Calibration	2023-06-20	11:04:18
Post-Calibration		None
Calibration Deviation		---

Overall Settings

RMS Weight	A Weighting	
Peak Weight	Z Weighting	
Detector	Slow	
Preamplifier	PRMLxT2B	
Microphone Correction	Off	
Integration Method	Linear	
Overload	143.4	dB

	A	C	Z	
Under Range Peak	99.6	96.6	**101.6**	dB
Under Range Limit	**38.0**	37.5	44.3	dB
Noise Floor	28.8	28.4	35.2	dB

	First	Second	Third
Instrument Identification			

Results

L_{Aeq}		66.9		
LAE		119.3		
EA		94.937	mPa²h	
EA8		15.823	mPa²h	
EA40		79.114	mPa²h	
$LZ_{peak\ (max)}$	2023-06-20	17:25:46	124.9	dB
LAS_{max}	2023-06-21	14:33:02	100.6	dB
LAS_{min}	2023-06-22	01:32:50	38.9	dB
SEA		137.8	dB	

	Exceedance Counts	Duration	
LAS > 85.0 dB	46	131.2	s
LAS > 115.0 dB	0	0.0	s
LZ_{peak} > 135.0 dB	0	0.0	s
LZ_{peak} > 137.0 dB	0	0.0	s
LZ_{peak} > 140.0 dB	0	0.0	s

LC_{eq}	74.4	dB
LA_{eq}	66.9	dB
LC_{eq} - LA_{eq}	7.5	dB
LAI_{eq}	69.5	dB
LA_{eq}	66.9	dB
LAI_{eq} - LA_{eq}	2.5	dB

	A		C		Z	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	66.9		74.4			
$L_{S(max)}$	100.6	2023/06/21 14:33:02				
$L_{S(min)}$	38.9	2023/06/22 1:32:50				
$L_{Peak(max)}$					124.9	2023/06/20 17:25:46

Overload Count	0	
Overload Duration	0.0	s

Calculated Ldn from Long-Term Noise Monitoring Data

LT-2 West side parking lot of Santa Teresa Apartments
June 21/22
Wednesday/Thursday

		TIME	dBA	Numbers...	10 dBA More Numbers...	5 dBA
Midnight	0 / 24		62.1	1620466	16204663	5124364
am	1:00	100	59.1	821648	8216484	2598280
	2:00	200	55.1	326180	3261798	1031471
	3:00	300	57.5	564362	5643623	1784670
	4:00	400	60.6	1159455	11594553	3666520
	5:00	500	63.1	2063293	20632935	6524707
	6:00	600	65.7	3724552	37245516	11778066
	7:00	700	67.1	5146690	51466899	16275262
	8:00	800	67.7	5936316	59363158	18772279
	9:00	900	67.4	5532202	55322016	17494358
	10:00	1000	66.3	4302224	43022238	13604826
	11:00	1100	67.7	5932312	59323122	18759618
	12:00	1200	67.5	5597408	55974085	17700560
pm	13:00	1300	67.1	5097356	50973564	16119256
	14:00	1400	71.8	15059446	150594462	47622150
	15:00	1500	68.5	7111234	71112345	22487698
	16:00	1600	68.8	7569932	75699324	23938228
	17:00	1700	70.9	12314988	123149882	38943412
	18:00	1800	69.3	8457617	84576167	26745332
	19:00	1900	69.2	8352625	83526253	26413320
	20:00	2000	67.2	5234835	52348350	16554002
	21:00	2100	66.2	4200123	42001229	13281955
	22:00	2200	65.8	3762522	37625216	11898138
pm	23:00	2300	61.9	1540558	15405578	4871672

Leq Nighttime 10:00 p.m.-7:00 a.m. (not penalized)
62 dBA

Leq Daytime 7:00 am-10:00 p.m.
69 dBA

Leq 24-Hour
67 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
70 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
71 dBA **and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

CNEL - Ldn 0.595567

Stationary Source Noise Modeling

Calculation of A-Weighted Sound Pressure Levels **Podium Exhaust Fans**

From Mecanical Plans sound power level = 80 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	80	88	3.28 feet	8	97	88

Distance to Receiver Property Line (ft) =	Residential	200	
	Commercial	100	
Combined A-weighted SPL @ receptor =	Residential		52
	Commercial		58
With 5 dBA rooftop reduction =	Residential		47
	Commercial		53

Calculation of A-Weighted Sound Pressure Levels **Podium Exhaust Fans**

From Mecanical Plans sound power level = 80 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	80	88	3.28 feet	20	101	92

Distance to Receiver (ft) =	Residential	367	
	Commercial	150	
Combined A-weighted SPL @ receptor =	Residential		51
	Commercial		59
With 5 dBA rooftop reduction =	Residential		46
	Commercial		54

Calculation of A-Weighted Sound Pressure Levels **Podium AHUs**

From mechanical Plans sound power level = 83 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	83	91	3.28 feet	6	99	90

Distance to Receiver (ft) =	Residential	200	
	Commercial	100	
Combined A-weighted SPL @ receptor =	Residential		54
	Commercial		60
With 5 dBA rooftop reduction =	Residential		49
	Commercial		55

Calculation of A-Weighted Sound Pressure Levels **Tower AHUs**

From mechanical Plans sound power level = 83 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	83	91	3.28 feet	6	99	90

Distance to Receiver (ft) =	Residential	367
	Commercial	150
Combined A-weighted SPL @ receptor =	Residential	49
	Commercial	57
With 5 dBA rooftop reduction =	Residential	44
	Commercial	52

Calculation of A-Weighted Sound Pressure Levels **Tower Chiller**

From mechanical Plans sound power level = 68 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	68	76	3.28 feet	1	76	67

Distance to Receiver (ft) =	Residential	367
	Commercial	150
Combined A-weighted SPL @ receptor =	Residential	26
	Commercial	34
With 5 dBA rooftop reduction =	Residential	21
	Commercial	29

Calculation of A-Weighted Sound Pressure Levels **MRI Chillers**

From mechanical Plans sound power level = 61 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	61	69	3.28 feet	3	74	65

Distance to Receiver (ft) =	Residential	200
	Commercial	100
Combined A-weighted SPL @ receptor =	Residential	29
	Commercial	35

Calculation of A-Weighted Sound Pressure Levels **CUP ACC**

From mechanical Plans sound power level = 93 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	93	101	3.28 feet	4	107	98

Distance to Receiver (ft) = 200 Commercial
540 Residential

Combined A-weighted SPL @ receptor = 62 at commercial receptor property line
54 at residential receptor property line

With 5 dBA rooftop reduction = Commercial 57
Residential 49

Calculation of A-Weighted Sound Pressure Levels **CUP ASHP**

From mechanical Plans sound power level = 105 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	105	113	3.28 feet	4	119	110

Distance to Receiver (ft) = 200 Commercial
540 Residential

Combined A-weighted SPL @ receptor = 74 at commercial receptor property line
66 at residential receptor property line

With 5 dBA rooftop reduction = Commercial 69
Residential 61

Calculation of A-Weighted Sound Pressure Levels **CUP Generators**

From mechanical Plans sound power level = 75 dB

Conversion of Sound power level to Sould Pressure level

$$Lp = Lw - \left|10log\left({}^{Q}/_{4\pi r^2}\right)\right|$$

Q = 2
r = 1 meter

-7.98236

		Sound pressure level (unweighted)	Distance feet)	# of units	Resultant SPL(dB)	dBA
Sound Power Level =	75	83	3.28 feet	3	88	79

Distance to Receiver (ft) = 200 Commercial
540 Residential

Combined A-weighted SPL @ receptor = 43 at commercial receptor property line
34 at residential receptor property line

Calculated Ldn from Energy Center

		Residential Property line Remove LOG
AHSP Residential Property Line =	49	73664.17604
ACCs Residenial property lines =	61	1167498.511
Generator	34	2768.965846
Total Podium sources Residential =	61	

DNL Residential Property line

	TIME	dBA	Remove LOG	10 dBA Penalized Values	5 dBA Penalized Values
Midnight	0 / 24	61.0	1258925	12589254	3981072
am 1:00	100	61.0	1258925	12589254	3981072
2:00	200	61.0	1258925	12589254	3981072
3:00	300	61.0	1258925	12589254	3981072
4:00	400	61.0	1258925	12589254	3981072
5:00	500	61.0	1258925	12589254	3981072
6:00	600	61.0	1258925	12589254	3981072
7:00	700	61.0	1258925	12589254	3981072
8:00	800	61.0	1258925	12589254	3981072
9:00	900	61.0	1258925	12589254	3981072
10:00	1000	61.0	1258925	12589254	3981072
11:00	1100	61.0	1258925	12589254	3981072
12:00	1200	61.0	1258925	12589254	3981072
pm 1:00	1300	61.0	1258925	12589254	3981072
2:00	1400	61.0	1258925	12589254	3981072
3:00	1500	61.0	1258925	12589254	3981072
4:00	1600	61.0	1258925	12589254	3981072
5:00	1700	61.0	1258925	12589254	3981072
6:00	1800	61.0	1258925	12589254	3981072
7:00	1900	61.0	1258925	12589254	3981072
8:00	2000	61.0	1258925	12589254	3981072
9:00	2100	61.0	1258925	12589254	3981072
10:00	2200	61.0	1258925	12589254	3981072
pm 11:00	2300	61.0	1258925	12589254	3981072

Leq 24-Hour
61 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
67 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
68 dBA **and 10 dBA penalty for noise between**
10:00 p.m. and 7:00 a.m.

CNEL - Ldr 0.2603428

		Remove LOG
AHSPs Commercial Property Line =	57	537011.8433
ACCs Commercial property lines =	69	8511064.148
Generator Commercial property lines =	43	20185.76101
Total Podium sources Commercial =	70	

DNL Commercial Property line

	TIME	dBA	Remove LOG	10 dBA Penalized Values	5 dBA Penalized Values
Midnight	0 / 24	70.0	10000000	100000000	31622777
am 1:00	100	70.0	10000000	100000000	31622777
2:00	200	70.0	10000000	100000000	31622777
3:00	300	70.0	10000000	100000000	31622777
4:00	400	70.0	10000000	100000000	31622777
5:00	500	70.0	10000000	100000000	31622777
6:00	600	70.0	10000000	100000000	31622777
7:00	700	70.0	10000000	100000000	31622777
8:00	800	70.0	10000000	100000000	31622777
9:00	900	70.0	10000000	100000000	31622777
10:00	1000	70.0	10000000	100000000	31622777
11:00	1100	70.0	10000000	100000000	31622777
12:00	1200	70.0	10000000	100000000	31622777
pm 1:00	1300	70.0	10000000	100000000	31622777
2:00	1400	70.0	10000000	100000000	31622777
3:00	1500	70.0	10000000	100000000	31622777
4:00	1600	70.0	10000000	100000000	31622777
5:00	1700	70.0	10000000	100000000	31622777
6:00	1800	70.0	10000000	100000000	31622777
7:00	1900	70.0	10000000	100000000	31622777
8:00	2000	70.0	10000000	100000000	31622777
9:00	2100	70.0	10000000	100000000	31622777
10:00	2200	70.0	10000000	100000000	31622777
pm 11:00	2300	70.0	10000000	100000000	31622777

Leq 24-Hour
70 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
76 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
77 dBA **and 10 dBA penalty for noise between**
10:00 p.m. and 7:00 a.m.

CNEL - Ldr 0.2603428

Calculated Ldn from Podium Sources Residential Property line

		Remove LOG
Exhaust Fans Residential Property Line =	47	53828.69604
AHUs Residenial property lines =	49	80551.7765
Total Podium sources Residential =	51	

DNL Residential Property line

	TIME	dBA	Remove LOG	10 dBA Penalized Values	5 dBA Penalized Values	
Midnight	0 / 24	51.0	125893	1258925	398107	**Leq Morning Peak Hour 7:00-10:00 a.m.**
am 1:00	100	51.0	125893	1258925	398107	**51** dBA
2:00	200	51.0	125893	1258925	398107	
3:00	300	51.0	125893	1258925	398107	**Leq Evening Peak Hour 4:00-8:00 p.m.**
4:00	400	51.0	125893	1258925	398107	**51** dBA
5:00	500	51.0	125893	1258925	398107	
6:00	600	51.0	125893	1258925	398107	**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**
7:00	700	51.0	125893	1258925	398107	**51** dBA
8:00	800	51.0	125893	1258925	398107	
9:00	900	51.0	125893	1258925	398107	**Leq Daytime 7:00 am-10:00 p.m.**
10:00	1000	51.0	125893	1258925	398107	**51** dBA
11:00	1100	51.0	125893	1258925	398107	
12:00	1200	51.0	125893	1258925	398107	**Leq 24-Hour**
pm 1:00	1300	51.0	125893	1258925	398107	**51** dBA
2:00	1400	51.0	125893	1258925	398107	
3:00	1500	51.0	125893	1258925	398107	**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**
4:00	1600	51.0	125893	1258925	398107	**57** dBA
5:00	1700	51.0	125893	1258925	398107	
6:00	1800	51.0	125893	1258925	398107	**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,**
7:00	1900	51.0	125893	1258925	398107	**58** dBA **and 10 dBA penalty for noise between**
8:00	2000	51.0	125893	1258925	398107	**10:00 p.m. and 7:00 a.m.**
9:00	2100	51.0	125893	1258925	398107	
10:00	2200	51.0	125893	1258925	398107	
pm 11:00	2300	51.0	125893	1258925	398107	CNEL - Ldr 0.2603428

		Remove LOG
Exhaust Fans Commercial Property Line =	53	215314.7841
AHUs Commercial property lines =	55	322207.106
Total Podium sources Commercial =	57	

DNL Commercial Property line

	TIME	dBA	Remove LOG	10 dBA Penalized Values	5 dBA Penalized Values	
Midnight	0 / 24	57.0	501187	5011872	1584893	**Leq Morning Peak Hour 7:00-10:00 a.m.**
am 1:00	100	57.0	501187	5011872	1584893	**57** dBA
2:00	200	57.0	501187	5011872	1584893	
3:00	300	57.0	501187	5011872	1584893	**Leq Evening Peak Hour 4:00-8:00 p.m.**
4:00	400	57.0	501187	5011872	1584893	**57** dBA
5:00	500	57.0	501187	5011872	1584893	
6:00	600	57.0	501187	5011872	1584893	**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**
7:00	700	57.0	501187	5011872	1584893	**57** dBA
8:00	800	57.0	501187	5011872	1584893	
9:00	900	57.0	501187	5011872	1584893	**Leq Daytime 7:00 am-10:00 p.m.**
10:00	1000	57.0	501187	5011872	1584893	**57** dBA
11:00	1100	57.0	501187	5011872	1584893	
12:00	1200	57.0	501187	5011872	1584893	**Leq 24-Hour**
pm 1:00	1300	57.0	501187	5011872	1584893	**57** dBA
2:00	1400	57.0	501187	5011872	1584893	
3:00	1500	57.0	501187	5011872	1584893	**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**
4:00	1600	57.0	501187	5011872	1584893	**63** dBA
5:00	1700	57.0	501187	5011872	1584893	
6:00	1800	57.0	501187	5011872	1584893	**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,**
7:00	1900	57.0	501187	5011872	1584893	**64** dBA **and 10 dBA penalty for noise between**
8:00	2000	57.0	501187	5011872	1584893	**10:00 p.m. and 7:00 a.m.**
9:00	2100	57.0	501187	5011872	1584893	
10:00	2200	57.0	501187	5011872	1584893	
pm 11:00	2300	57.0	501187	5011872	1584893	CNEL - Ldr 0.2603428

Calculated Ldn from Tower Sources Residential Property line

		Remove LOG
Exhaust Fans Residential Property Line =	46	39965.1761
AHUs Residenial property lines =	44	23922.30293
Chiller Residential porperty lines =	21	126.0816069
Total Podium sources Residential =	48	

DNL Residential Property line

	TIME	dBA	Remove LOG	10 dBA Penalized Values	5 dBA Penalized Values
Midnight	0 / 24	48.0	63096	630957	199526
am 1:00	100	48.0	63096	630957	199526
2:00	200	48.0	63096	630957	199526
3:00	300	48.0	63096	630957	199526
4:00	400	48.0	63096	630957	199526
5:00	500	48.0	63096	630957	199526
6:00	600	48.0	63096	630957	199526
7:00	700	48.0	63096	630957	199526
8:00	800	48.0	63096	630957	199526
9:00	900	48.0	63096	630957	199526
10:00	1000	48.0	63096	630957	199526
11:00	1100	48.0	63096	630957	199526
12:00	1200	48.0	63096	630957	199526
pm 1:00	1300	48.0	63096	630957	199526
2:00	1400	48.0	63096	630957	199526
3:00	1500	48.0	63096	630957	199526
4:00	1600	48.0	63096	630957	199526
5:00	1700	48.0	63096	630957	199526
6:00	1800	48.0	63096	630957	199526
7:00	1900	48.0	63096	630957	199526
8:00	2000	48.0	63096	630957	199526
9:00	2100	48.0	63096	630957	199526
10:00	2200	48.0	63096	630957	199526
pm 11:00	2300	48.0	63096	630957	199526

Leq 24-Hour
48 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
54 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
55 dBA **and 10 dBA penalty for noise between**
10:00 p.m. and 7:00 a.m.

CNEL - Ldr 0.2603428

		Remove LOG
Exhaust Fans Commercial Property Line =	54	239238.6491
AHUs Commercial property lines =	52	143203.1582
Chiller Commercial property lines =	29	754.7469135
Total Podium sources Commercial =	56	

DNL Commercial Property line

	TIME	dBA	Remove LOG	10 dBA Penalized Values	5 dBA Penalized Values
Midnight	0 / 24	56.0	398107	3981072	1258925
am 1:00	100	56.0	398107	3981072	1258925
2:00	200	56.0	398107	3981072	1258925
3:00	300	56.0	398107	3981072	1258925
4:00	400	56.0	398107	3981072	1258925
5:00	500	56.0	398107	3981072	1258925
6:00	600	56.0	398107	3981072	1258925
7:00	700	56.0	398107	3981072	1258925
8:00	800	56.0	398107	3981072	1258925
9:00	900	56.0	398107	3981072	1258925
10:00	1000	56.0	398107	3981072	1258925
11:00	1100	56.0	398107	3981072	1258925
12:00	1200	56.0	398107	3981072	1258925
pm 1:00	1300	56.0	398107	3981072	1258925
2:00	1400	56.0	398107	3981072	1258925
3:00	1500	56.0	398107	3981072	1258925
4:00	1600	56.0	398107	3981072	1258925
5:00	1700	56.0	398107	3981072	1258925
6:00	1800	56.0	398107	3981072	1258925
7:00	1900	56.0	398107	3981072	1258925
8:00	2000	56.0	398107	3981072	1258925
9:00	2100	56.0	398107	3981072	1258925
10:00	2200	56.0	398107	3981072	1258925
pm 11:00	2300	56.0	398107	3981072	1258925

Leq 24-Hour
56 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
62 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
63 dBA **and 10 dBA penalty for noise between**
10:00 p.m. and 7:00 a.m.

CNEL - Ldr 0.2603428

Vibration Model

Vibration propogation from Construction Equipment

Formula from FTA, 2018 = PPVequip = PPVref x (25/D)^1.5
where

Receptor 1: Santa Teresa Library

PPV refs @ 25 ft =		PPV@25ft
	pile driver (impact)	0.65
	Vibratory Roller	0.21
	Bulldozer (large)	0.089
	Truck(loaded)	0.076
	Jackhammer	0.035
	Dozer (Small)	0.003

Enter distance = 15 Adjacent Buildings

Resultant PPV =		
	pile driver (impact)	1.398577
	Vibratory Roller	0.451848
	Bulldozer (large)	0.191498
	Truck(loaded)	0.163526
	Jackhammer	0.075308
	Dozer (Small)	0.006455

		Lv@25 ft
	pile driver (impact)	104
	Vibratory Roller	94
	Bulldozer (large)	87
	Truck(loaded)	86
	Jackhammer	79
	Dozer (Small)	53

Formula from FTA 2006 = Lv(D) = Lv(25 ft) – 30log(D/25)

Resultant Lv =		
	pile driver (impact)	110.6555
	Vibratory Roller	100.6555
	Bulldozer (large)	93.65546
	Truck(loaded)	92.65546
	Jackhammer	85.65546
	Dozer (Small)	59.65546

Receptor 2: Sanat Teresa Apartments

PPV refs @ 25 ft =		PPV@25ft
	pile driver (impact)	0.644
	Vibratory Roller	0.21
	Bulldozer (large)	0.089
	Truck(loaded)	0.076
	Jackhammer	0.035

Enter distance = 90 Adjacent Buildings

Resultant PPV =		
	pile driver (impact)	0.094283
	Vibratory Roller	0.030744
	Bulldozer (large)	0.01303
	Truck(loaded)	0.011127
	Jackhammer	0.005124

		Lv@25 ft
	pile driver (impact)	104
	Vibratory Roller	94
	Bulldozer (large)	87
	Truck(loaded)	86
	Jackhammer	79

Resultant Lv =		
	pile driver (impact)	87.31092
	Vibratory Roller	77.31092
	Bulldozer (large)	70.31092
	Truck(loaded)	69.31092
	Jackhammer	62.31092

Appendix I1
Transportation Analysis

ESA

City of San José

Kaiser San Jose Campus Master Plan and New Hospital

TRANSPORTATION ANALYSIS (TA)

PREPARED FOR

KAISER PERMANENTE
CITY OF SAN JOSÉ

FEBRUARY 2024

FEHR & PEERS

Kaiser San José Campus Master Plan and New Hospital

Draft Transportation Analysis (TA)

Prepared for:
Kaiser Permanente
City of San José

February 2024

SJ22-2191

FEHR PEERS

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1. Introduction

This report presents the results of the Transportation Analysis (TA) for the Kaiser San Jose Campus Master Plan and New Hospital development at 250 Hospital Parkway in San José, California. Consistent with the City of San José Transportation Analysis Policy (Council Policy 5-1) and associated *Transportation Analysis Handbook* ("Handbook"), the purpose of the TA is to identify potentially significant impacts of the proposed Project on the surrounding transportation system per the California Environmental Quality Act (CEQA) and to recommend measures to mitigate significant impacts.

A separate Local Transportation Analysis (LTA) report was also prepared for the City of San José per Council Policy 5-1 and transportation analysis guidelines from the Santa Clara Valley Transportation Authority (VTA), the congestion management agency for Santa Clara County. The LTA evaluates the effects of a development project on transportation, access, circulation, and related safety elements in the proximate area of the Project.

Project Description

The San José Kaiser Medical Center is located at the Cottle Road/Hospital Parkway intersection just south of the State Route 85 and Cottle Road interchange (see **Figure 1-1**).

Land Use Program

As part of the seismic replacement, Kaiser plans to demolish the existing approximately 250,000 square foot (s.f.) main hospital building at the center of the Medical Center and add a 685,000 s.f. new hospital building, a 35,000 s.f. energy center (central utilities plant (CUP)), and 1,040 parking spaces. Of the 1,040 spaces, 1,015 are provided in a new structure on existing surface parking lots near the south and southwest areas of the Medical Center and 25 surface parking spaces are provided adjacent to the hospital. In total, the hospital replacement Project would increase the number of beds from 247 licensed beds up to potentially 303 beds, a net increase of up to 56 beds. In addition, Kaiser has long-term plans to demolish a total of 20,200 s.f. of existing MOB uses and construct a 250,000 s.f. MOB (for a new increase of 229,800 s.f. of MOB). The long-term plans also include the construction of an additional 575 parking spaces.

The Project is divided into the Project-level and Program-level components as outlined below:

- **Project-level**: 685,000 s.f. new hospital building (303 beds), 35,000 s.f. CUP,
    - and 1,040 parking spaces. Of the 1,040 spaces, 1,015 spaces are provided in a the new five-level parking garage and 25 at grade surface parking spaces are provided the new hospital site)
    - **Program-level**: 250,000 s.f. MOB, and installing an additional 575 parking spaces

In addition, the Project is providing 26 short-term bicycle parking spots (open bike racks near building entries) and 48 long-term bicycle parking spots. The transportation effects of the hospital (Project-level components) and MOB uses (Program-level components) are evaluated in both the near-term and future scenarios. The site plan for the project-level components is presented in **Figure 1-2**. These have also been summarized in **Table 1-1**.

Table 1-1: Proposed Medical Center Land Use Program

Project Component	Existing	Proposed	Net New
Hospital, Energy Center, and Parking Garage			
Hospital	250,000 sf	685,000 sf	+435,000 sf
-Beds	247 beds	303 beds	+56 beds
-Employees	2,055	2,877	+822
Energy Center	—[1]	35,000 sf	+35,000 sf
Parking Structure	606 spaces[2]	1,040 spaces[3]	+434 spaces
-Structure Size	—	350,000 sf	+350,000 sf
Total	***250,000 sf***	***1,139,320 sf***	***+889,320 sf***
Projected MOB Improvements			
Medical Office	425,000 sf[4]	250,000 sf (4–6 stories)	229,800 sf[5]
Employees	1,700	2,700	1,000
Parking	1,982 spaces[6]	2,557 spaces[7]	575 spaces

Notes:
1. The existing energy center is part of the hospital's 250,000 sf.
2. Includes only surface parking spaces displaced by the new hospital and parking garage.
3. 1,015 spaces in the five-level parking garage and 25 at grade spaces at the new hospital site..4. 20,200 sf of medical office would be demolished.
5.(20,200 sf) demolished + 250,000 sf new construction = 229,800 net new sf
6. Includes 471 surface parking spaces displaced by the new medical office and parking garage.
7. 1,982 existing spaces retained – 471 spaces displaced + 1,046 new spaces = 2,557 spaces
Source: Kaiser Permanente, 2023.

Transportation Improvements

The Proposed Project includes several transportation improvements that will be implemented as part of the project.

- Upgrade bus shelter on Santa Teresa Boulevard along project frontage
- Upgrade Class II bike lanes to protected Class IV bike lanes along project frontage on Santa Teresa Boulevard and Cottle Road, consistent with *San José Better Bike Plan 2025* (City of San Jose, 2020)
- Provide new Class II bike lanes on Camino Verde Drive between Santa Teresa Boulevard and International Circle.
- Remove channelized right-turns at the following intersections for the specified movements:

    - Cottle Road/Hospital Parkway: westbound right-turn and northbound right turn
    - Santa Teresa Boulevard/Camino Verde Drive: southbound right-turn and westbound right-turn

- Remove mid-block enhanced crosswalk with Rectangular Rapid-Flashing Beacons (RRFBs) along International Circle between Hospital Parkway and Camino Verde; since there no longer is a need to facilitate pedestrian crossing between the removed parking lot on the west side of International Circle to the MOB uses on the east side.

These improvements will provide enhanced multimodal access.

Project Location

Figure 1-1

Project Location

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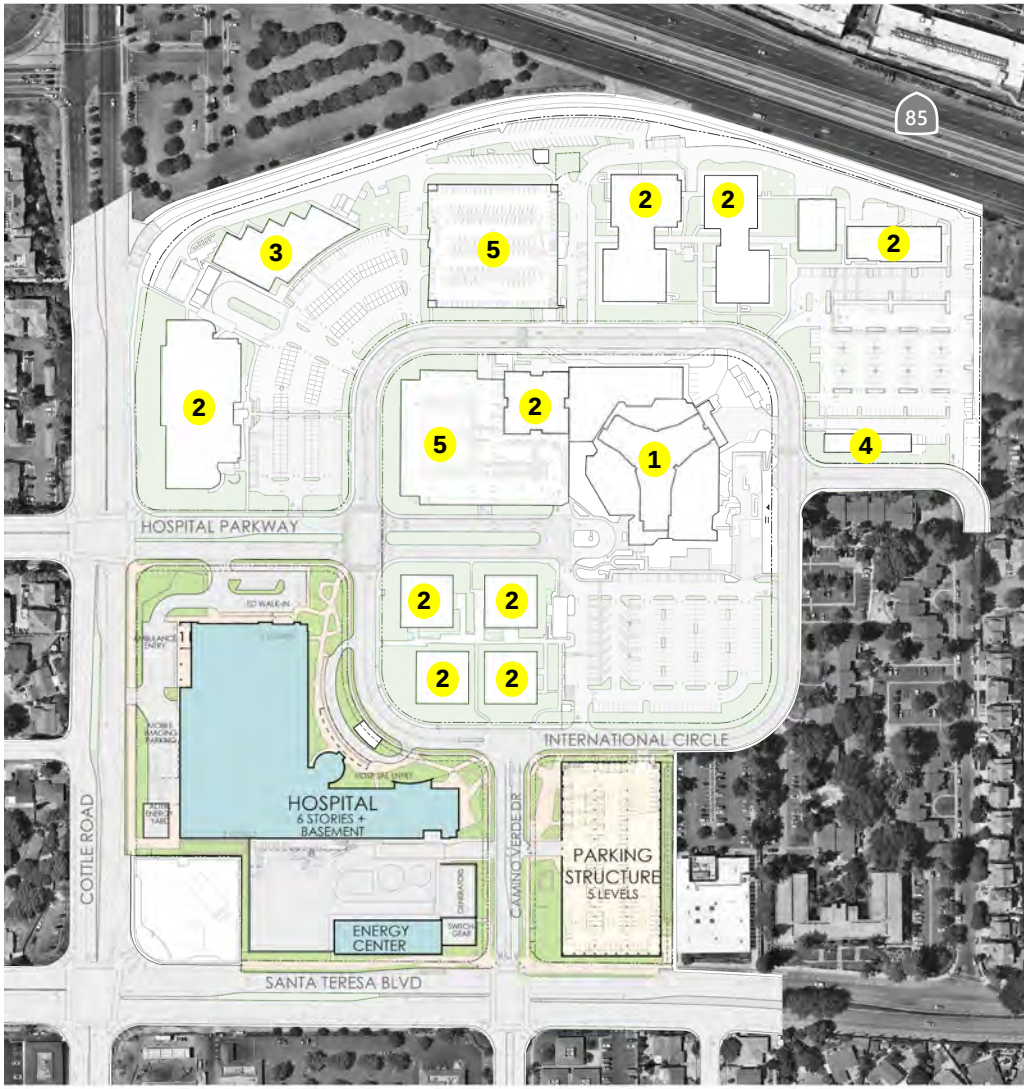


LEGEND

1. EXISTING HOSPITAL
2. EXISTING MEDICAL OFFICE BUILDING
3. EXISTING OUTPATIENT SURGERY BUILDING
4. EXISTING FACILITIES ENGINEERING BUILDING
5. EXISTING PARKING STRUCTURE

Stantec

KAISER PERMANENTE®

0' 100' 200'

Figure 1-2

Proposed Site Plan

Scope of Study and Report Overview

This report was prepared for California Environmental Quality Act (CEQA) clearance purposes and to meet the City of San José Transportation Analysis Policy (Council Policy 5-1), which adopts vehicle miles traveled (VMT) as the primary metric for transportation studies under CEQA. The City of San José developed a *Transportation Analysis Handbook*[1] to implement Council Policy 5-1 and provide guidance on the need, scope, and content of transportation analysis.

The City's *Handbook* mainly focuses on residential, employment, and retail uses and does not provide specific guidance on how to evaluate thresholds for hospital-related VMT analysis. However, in consultation with City staff the hospital and MOB components were evaluated as follows:

- Total regional VMT with and without the project for the hospital patients (home-based shop/other).
- Total regional VMT with and without the project for the medical office patients (home-based shop/other).
- Total regional VMT with and without the proposed project for the hospital employees (home-based work).
- Total regional VMT with and without the proposed project for the medical office employees (home-based work).

According to CEQA a project could have a significant transportation impact on the environment if it:

1. Conflicts with a plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle lanes, and pedestrian paths;
2. Conflicts or is inconsistent with CEQA Guidelines section 15064.3, subdivision (b)(1);
3. Substantially increases hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment);
4. Results in inadequate emergency access.

Analysis Scenarios

Potential transportation impacts were evaluated for the following scenarios:

Scenario 1: *Year 2015 Existing Conditions* – Existing year 2015 conditions developed using the City's Travel Demand Forecasting model to determine baseline VMT and traffic volumes. The year 2015 is the base year for the City' Travel Demand Forecasting model and currently the best tool available for identifying Project VMT impacts.

Scenario 2: *Year 2015 Existing Plus Project Conditions* – Project impacts were evaluated using the City model to develop VMT projections with development of the Project.

[1] City of San José, 2023. Transportation Analysis Handbook. Available online at https://www.sanJoséca.gov/home/showdocument?id=28461. Accessed October 20, 2023.

Scenario 3: *Year 2040 Cumulative Plus Project Conditions* – The City model was used to develop boundary level VMT estimates.

City of San José Travel Demand Forecasting Model

The City of San José's travel demand forecasting model (City model) was used to develop near-term and Year 2040 VMT estimates. The City model is a refinement of the San Mateo City and County Association of Governments (C/CAG) and VTA Bi-County transportation model (VTA Model) and provides more analytical detail and enhanced local accuracy of travel in the City of San José. It was developed by Hexagon Transportations Consultants in collaboration with the City of San José and VTA. The City of San José provided the most recent copies of their Year 2015 and Year 2040 models for use in this analysis. We assume the City has fully calibrated their model and the model was used as-is.

The Year 2015 model is the most recently updated model available from the City and the best tool currently available. The Year 2040 model represents land use and transportation buildout consistent with the City's 2040 scenario. The Year 2015 model was used in the VMT analysis, and the Year 2040 model was used for the cumulative analysis. Traffic growth estimates were developed for the CEQA air and noise analyses but are not directly referenced in this report.

2015 Land Uses and Network Assumptions

The base year model was developed using year 2015 land use data from the City and validated against 2015 morning and evening peak hour traffic counts. Collector roads and residential streets were coded into the City model transportation network to provide additional analytical detail to the transportation system compared to the VTA model. For the purposes of this analysis the 2015 model was used without changes to develop baseline VMT and traffic projections.

2040 Land Uses and Network Assumptions

The future year 2040 model is the same model used for the 2018 Downtown Strategy Plan. For the Downtown Strategy Plan, the City's Department of Planning, Building, and Code Enforcement prepared 2040 land use forecasts for the City of San José that represent the City's General Plan. These forecasts are different from the ABAG projections used in the VTA Model. The San José General Plan assumes slightly fewer housing units but significantly more jobs in San José. In order to maintain consistency with the 2040 ABAG projections, the number of housing units and jobs for the transportation analysis zones (TAZs) outside Santa Clara County were adjusted (housing units were increased, and jobs were reduced) to match ABAG's regional control totals.

The City model includes all major transportation infrastructure identified in the *Envision San José 2040 Land Use/Transportation Diagram*, adopted by the City in November 2011, and the *Valley Transportation Plan 2040* (VTP 2040), adopted by VTA in October 2014.

Study Area

The City model evaluates VMT for trips that have an origin or destination within the Project area across the nine-county Bay Area. For the pedestrian, bicycle, and transit access discussions, the study area is focused within a half-mile of the Project area.

Report Organization

The following chapters are included in this report to meet City scope requirements for evaluating transportation impacts of the Project:

Chapter 1. Introduction includes the Project description, the study scope, and an overview of the report.

Chapter 2. Existing Conditions provides descriptions of the transportation system near the site including the primary roadway network, truck routes, transit service, pedestrian facilities, and bicycle facilities.

Chapter 3. Project Travel Demand describes the travel demand for the proposed Project, which was estimated using the City of San José's travel demand model.

Chapter 4. CEQA VMT Analysis describes the process used to estimate the existing and Project VMT and presents the results of the VMT analysis.

Chapter 5. Additional CEQA Transportation Analysis includes CEQA transportation impacts related to non-VMT significance criteria including conflicts with plans, ordinances, or policies, hazardous design features, and emergency vehicle access.

2. Existing Conditions

This chapter describes the Existing Conditions of the roadways, pedestrian and bicycle facilities, and transit service near the Project site. It also presents existing traffic volumes and operations for the study intersections.

Existing Street System

State Route 85 (SR 85) provides regional access to the Project site. Cottle Road, Santa Teresa Boulevard, Hospital Parkway, Camino Verde Drive, and International Circle, along with other nearby roadways, provide local site access. Each facility is described below in more detail. The existing roadway network and typologies per *Envision General Plan 2040* in the vicinity of the Project area are shown in **Figure 2-1**.

State Route 85 is an east-west freeway located north of the Project site with three travel lanes in each direction. One travel lane in each direction is designated as a high-occupancy vehicle (HOV) lane, in effect from 5:00 – 9:00 AM and 3:00 – 7:00 PM, Monday through Friday. SR 85 extends between US 101 to the east and west, and intersects with SR 17, I-280, and SR 87. Access to the Project site from SR 85 is provided via Cottle Road.

Cottle Road is a north-south roadway that is located west of the Project site with three travel lanes in each direction from its intersection with Santa Teresa Boulevard and north towards Monterey Highway. South of Santa Teresa Boulevard, Cottle Road transitions to one travel lane in each direction. Class II bike lanes are provided on both sides of the street north of Santa Teresa Boulevard. Cottle Road connects Monterey Highway to the north and connects Lovely Creek Court to the south. Two southbound left-turn pockets are provided along some blocks near the Project site. Cottle Road has City Connector Street topologies and a minor arterial functional class. The posted speed limit is 35 mph.

Santa Teresa Boulevard is an east-west roadway that is located south of the Project site with two to three travel lanes in each direction. Santa Teresa Boulevard connects SR 87 ramps to the west and Scheller Avenue to the east, where it becomes Hale Avenue. Class II bike lanes are provided on both sides of the street near the Project site. Santa Teresa Boulevard has City Connector Street typologies and a major arterial functional class. The posted speed limit is 45 mph.

Hospital Parkway is an east-west roadway with two travel lanes in each direction. Hospital Parkway runs from the hospital drop-off area to the east and Cottle Road to the west, where it becomes Palmia Drive. It is directly adjacent to the Project site and provides direct access to the Project site. Vehicles travelling eastbound on Hospital Parkway can make a U-turn at the hospital drop-off area and then exit in the westbound direction. Parking garages are provided north of Hospital Parkway. The posted speed limit is 25 mph.

Camino Verde Drive is a north-south roadway with two travel lanes in each direction. Camino Verde Drive connects International Circle to the north and Manila Drive to the south. It is directly adjacent to the Project site and provides direct access to the Project site via International Circle. Intersections along Camino Verde Drive are unsignalized, except for Santa Teresa Boulevard / Camino Verde Drive intersection. The posted speed limit is 25 mph.

International Circle is a two-way two-lane roadway that surrounds the Project site. It is directly adjacent to the Project site and connects to Liska Lane to the east, Hospital Parkway to the west, Camino Verde Drive to the south, and nearby parking garages. On-street parking is permitted on the southeast side of International Circle. The posted speed limit is 20 mph.

Beswick Drive/Raleigh Road is an east-west roadway that is located north of the Project site with two travel lanes in each direction. It runs parallel to SR 85 and connects to Great Oaks Boulevard to the east and Blossom Hill Road to the west, where it becomes Desert Sands Way. A two-way left-turn lane is provided along Raleigh Road between Autumn Meadow Drive and 400 feet east of Avenue One Drive. The posted speed limit on Beswick Drive is 35 mph, and the posted speed limit on Raleigh Road is 30 mph.

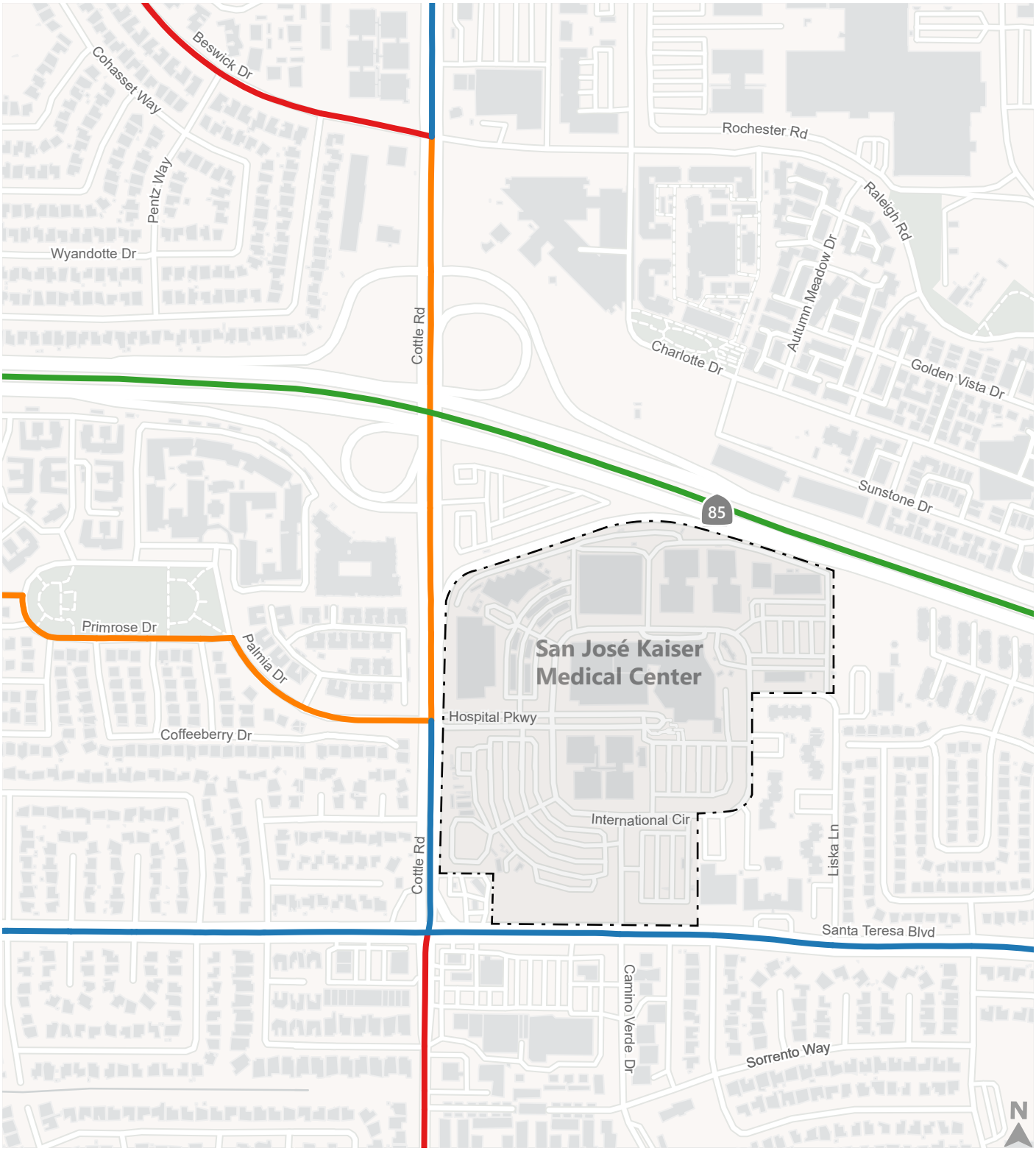
Existing Truck Routes

The City of San José does not have established truck routes; however, the City's *Municipal Code* Chapter 11.96 defines which streets have large vehicle prohibitions. Large vehicles are allowed on all streets adjacent to the Project site.

Existing Pedestrian Facilities

Pedestrian facilities are comprised of sidewalks and crosswalks. The streets adjacent to the Project site, including Cottle Road, Santa Teresa Boulevard, Hospital Parkway, Camino Verde Drive, and International Circle, have continuous sidewalks on both sides of the roadway.

All city study intersections have standard crosswalks for all directions of travel. Standard crosswalks are also provided at the CMP intersections including Cottle Road / State Route 85 NB on- / off-Ramp for the east and west legs of the intersection, and Cottle Road / State Route 85 SB off-Ramp for all legs except for the south leg. All study intersections provide curb ramps on approaches.



Data Source: General Plan 2040 Roadway Typologies

Project Location

City Connector Street

Freeway

Local Connector Street

On-Street Primary Bicycle Facility

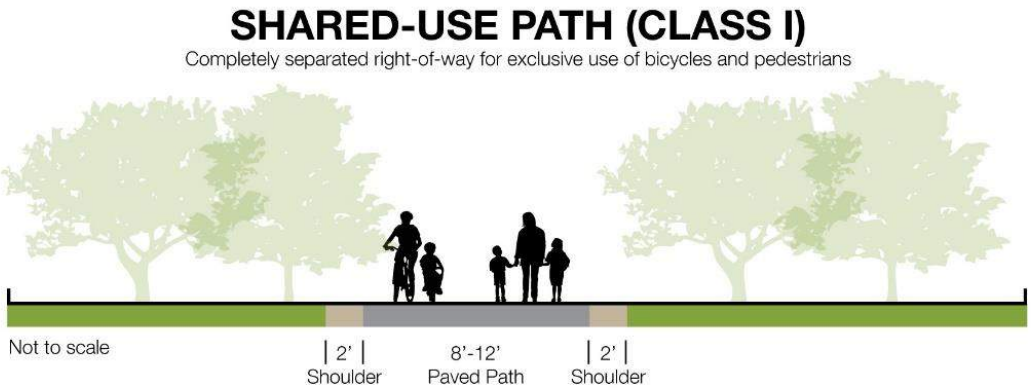
Figure 2-1

Roadway Classification

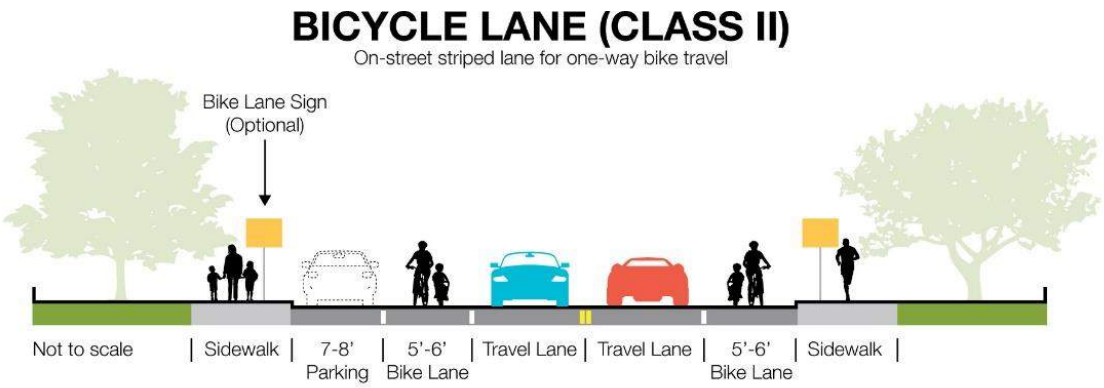
Existing Bicycle Network

The four classes of bicycle facilities in San José are described in the *Better Bike Plan 2025*. These descriptions are based on California Department of Transportation (Caltrans) classifications of bikeways from California Assembly Bill 1193 and the *Highway Design Manual* (Chapter 1000: Bikeway Planning and Design). Each bikeway class is intended to provide bicyclists with enhanced riding conditions. Bikeways offer various levels of separation from traffic based on traffic volume and speed, among other factors. The four bikeway types and appropriate contexts for each are presented below.

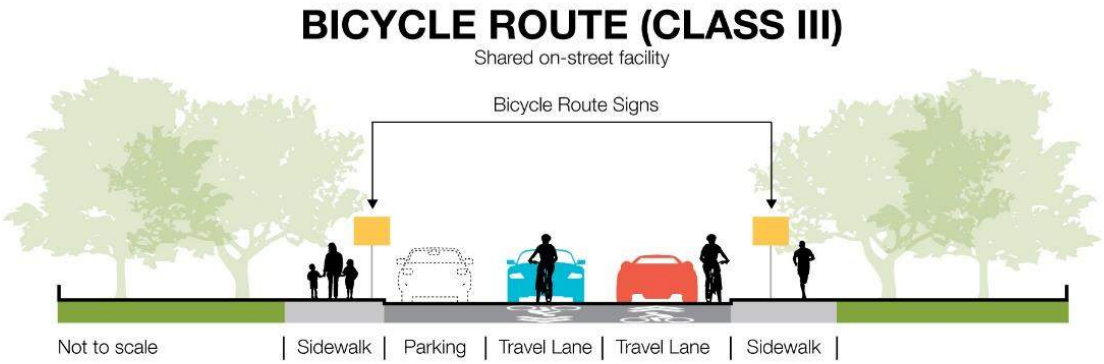
Class I Bikeways (Shared Use Paths): Shared-use paths, sometimes referred to as multi-use paths, provide completely separate right-of-way and are designated for the exclusive use of bicyclists and pedestrians with minimal roadway crossings. In general, shared-use paths are along corridors not served by streets or where sufficient right-of-way exists to allow them to be constructed away from the influence of vehicles. Class I Bikeways can also offer opportunities not provided by the road system by serving recreational areas and/or desirable commuter routes.



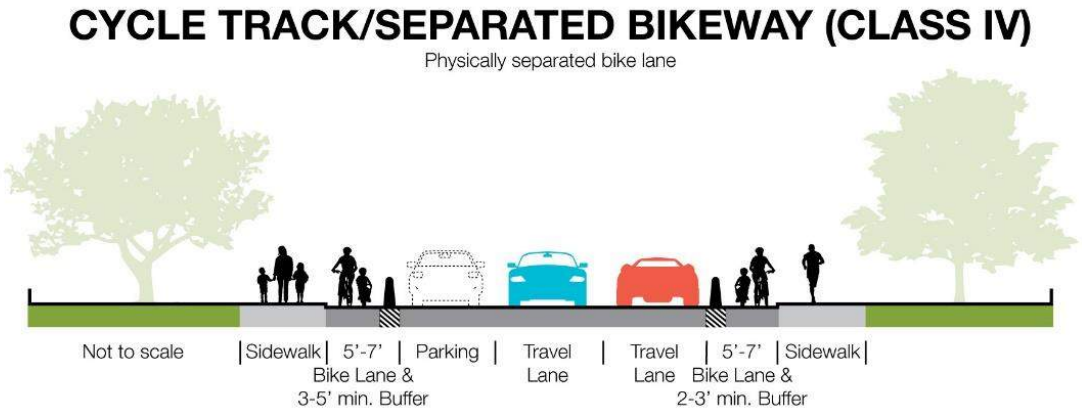
Class II Bikeways (On-Street Bike Lanes): Bike lanes provide a striped lane, pavement markings, and signage for one-way bike travel on a street or highway. Bicycle lanes are typically five feet wide, although wider lanes are desirable on roadways with high traffic volumes and/or high travel speeds. The *VTA Bicycle Technical Guidelines* (December 2012) recommends Caltrans bicycle lane dimension standards be used as a minimum and provides supplemental information and guidance on when and how to better accommodate the many types of bicyclists. Bike lanes may be enhanced with painted buffers between vehicle lanes and/or parking, and green paint at conflict zones (such as driveways or intersections).



Class III Bikeways (Bike Routes): Bike routes may be identified on a local residential or collector street when the travel lane is wide enough and the traffic volume is low enough to allow both cyclists and motor vehicles to share a lane and/or to provide continuity to a bikeway network. Shared-use arrows or "sharrows" are common striping treatments for bike routes.

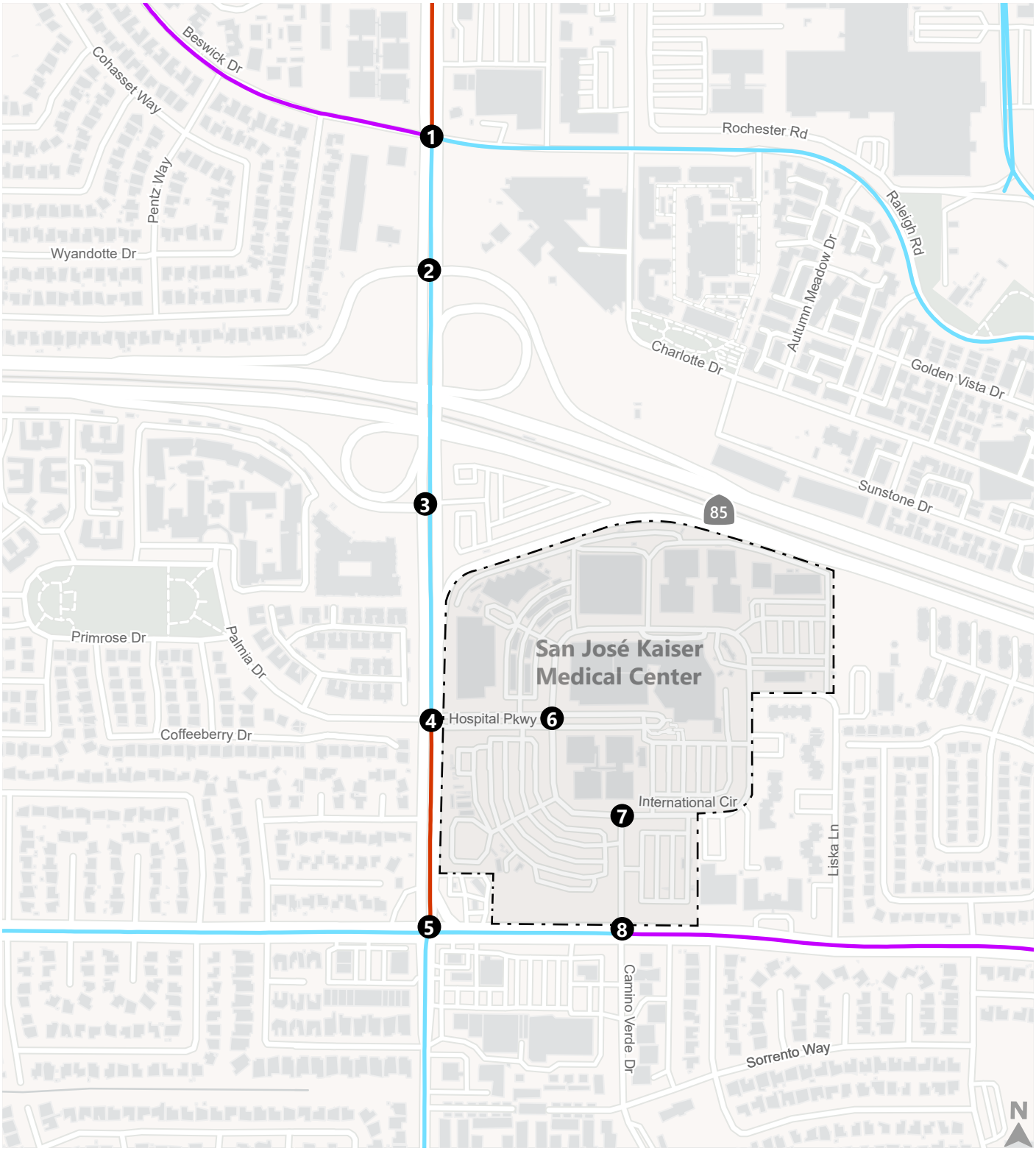


Class IV Bikeways (Separated Bikeway): Separated bikeways, also referred to as cycle tracks or protected bikeways, are bikeways for the exclusive use of bicycles which are physically separated from vehicle traffic. Separated bikeways were adopted by Caltrans in 2015. Types of separation may include, but are not limited to, grade separation, flexible posts, physical barriers, or on-street parking.



Under California Law, bicyclists are allowed to use all roadways in California unless posted otherwise. Therefore, even for roadways without designated (or planned) bikeways, a majority are open for cycling.

Near the Project site, Cottle Road and Santa Teresa Boulevard provide Class II biking facilities for both directions of travel. A Class II bike lane runs down both directions of Santa Teresa Boulevard with frequent separation from traffic by a four-foot painted buffer. A Class IV protected bike lane runs down the east side of Cottle Road in the northbound direction between Hospital Parkway and Santa Teresa Boulevard. **Figure 2-2** displays these facilities. The *San José Better Bike Plan 2025* includes several bicycle facility improvements for road segments near the Project site. A Class II bike lane is proposed on Hospital Parkway and International Circle. A Class III bike boulevard where bikes are given priority is proposed on Palmia Drive to connect Hospital Parkway and Calero Avenue. Class IV protected bike lanes are proposed on Cottle Road and Santa Teresa Boulevard to replace the existing Class II bike lanes.



Project Location

Study Intersection

Class II: Bike Lane

Class II: Bike Lane (with buffer)

Class IV: Protected Bike Lane

Figure 2-2

Existing Bikeway Facilities

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Existing Transit Service

Bus and light rail services in San José are operated by the VTA. **Table 2-1** summarizes the existing transit services for the Project, including the route start and end points, operating hours, and peak headways as reported on the VTA website in August 2023.

VTA currently runs bus routes 27 and 66 through the Medical Center. They travel counterclockwise through the site and enter and exit at the Santa Teresa Boulevard and Camino Verde intersection. Route 27 travels north/south on Cottle Road, while Route 66 travels west/east on Santa Teresa Boulevard. VTA also operates bus route 68 and Express 102 adjacent to the Medical Center on Santa Teresa Boulevard, while route 68 also travels north/south on Cottle Road. Bus stop locations that directly service the Medical Center are summarized below:

- Two bus stops inside the Medical Center for northbound Routes 27 and 66:
    - one unsheltered stop near the library parking lot just east of proposed parking garage, and
    - one unsheltered stop at the northern end of International Circle.
- Five bus stops adjacent to the Medical Center on Santa Teresa Boulevard:
    - one sheltered stop west of Cottle Road for westbound Routes 66 and Express 102,
    - two sheltered stops between Cottle Road and Camino Verde Drive for westbound and eastbound Routes 66, 68, and Express 102, and
    - two unsheltered stops east of Camino Verde Drive for westbound and eastbound Routes 68 and Express 102.
- Five bus stops adjacent to the Medical Center on Cottle Road for routes 27 and 68:
    - one unsheltered stop south of SR 85 for southbound Routes 27 and 68,
    - one sheltered stop south of SR 85 for northbound Routes 27 and 68,
    - two sheltered stops between SR 85 and Beswick Drive/Raleigh Road for northbound and southbound Routes 27 and 68, and
    - one unsheltered stop north of Beswick Drive/ Raleigh Road for southbound Routes 27 and 68.

The VTA Blue Line operates along State Route 85, with Cottle Station directly adjacent to the Medical Center. The bus routes, bus stops, light rail transit (LRT) lines, and LRT station are illustrated Figure 2-3.

Table 2-1: Existing Transit Service

Route[1]	From	To	Weekdays		Saturdays		Sundays	
			Operating Hours	Peak Headway[2] (minutes)	Operating Hours	Headway[2] (minutes)	Operating Hours	Headway[2] (minutes)
VTA Bus Service								
27	Winchester Station	Kaiser San José via Downtown Los Gatos	5:10 AM – 9:20 PM	30	8:00 AM – 7:45 PM	40	9:10 AM – 6:20 PM	60
66	North Milpitas	Kaiser San José	4:45 AM – 12:30 AM	15	5:15 AM – 12:30 AM	20	5:25 AM – 12:15 AM	20
68	San Jose Diridon Station	Gilroy Transit Center	4:15 AM – 1:20 AM	15	5:20 AM – 1:30 AM	20	5:20 AM – 1:30 AM	20
Express 102	South San Jose	Stanford Research Park	5:45 AM – 9:10 AM; 3:20 PM – 6:45 PM	30	N/A	N/A	N/A	N/A
VTA Light Rail								
Blue	Santa Teresa Station	Baypointe Station	4:30 AM – 1:15 AM	15	5:00 AM – 1:15 AM	30	5:00 AM – 1:15 AM	30

Notes:
1. Weekday and weekend service as of August 2023.
2. Headways are defined as the time between transit vehicles on the same route.

Sources: VTA, 2023.

Project Location

VTA Blue Line

VTA Express Service

VTA Frequent Service

VTA Local Service

VTA Bus Stop

VTA Lightrail Stop

Figure 2-3

Existing Transit Services

N:\Projects_SJ22_Projects\SJ22_2191_Kaiser_South_San_Jose\Graphics\ADOBE\Fig03_ExistingTransitServices.ai

3. Project Travel Demand

This chapter discusses the travel demand for the proposed Project, which was estimated using the City of San José's travel demand model ("City model"). The City model produces estimates of both vehicle trips and person trips by mode for the AM and PM peak periods and distributes those trips and assigns them to various roadways (for vehicle trips) or transit lines (for transit trips).

Daily Trip Generation

Trip generation refers to the amount of travel activity associated with a change in land use at a given location. The City model uses City-specific trip generation characteristics of different land uses to estimate vehicle trips and person trips by mode including drive-alone, shared-ride, walking, bicycling, transit, and other.

The Project's land uses were allocated to the appropriate Transportation Analysis Zones (TAZs) based on their location. The City model adjusts the trip generation to account for internalization, or the trips among uses within the Project that are not expected to leave the Project area. Therefore, the trip generation is reported for the entire Project and is not broken down by specific land use. Because existing conditions in the Project area include active land uses, the Project's trip generation is assessed by taking the change in total trips between the 2015 no Project and plus Project conditions.

The proposed 35,000-square foot energy center would generate a negligible number of daily trips, since it is primarily intended to serve as accessory to the hospital; and therefore, thus not separately accounted for in the Project's travel demand and VMT estimates.

Table 3-1 shows the total number of average weekday daily vehicle trips. Based on the model structure the trip generation is reported for the entire Project and is not broken down by specific land use.

Table 3-1: Proposed Project Average Weekday Daily Vehicle Trips

Land Use	Existing No Project	Existing + Project	Net New Project Trips
Hospital and MOB	**16,400**	**35,000**	**18,600**

Notes:
Trip generation estimates are rounded to nearest 100.
Source: City of San Jose Model; Fehr & Peers, 2023.

As shown in **Table 3-1** the Project would generate approximately 18,600 total net new daily vehicle trips from the project-level and program-level components (i.e., hospital expansion and proposed MOB).

4. CEQA VMT Analysis

This chapter provides a description of the process used to estimate the existing and Project VMT and presents the results of the VMT analysis. VMT estimates are prepared using the City's base year 2015 model, which is the most current version of the model available. Model assumptions and calibration are summarized in **Chapter 1**.

VMT Evaluation

Vehicle miles traveled (VMT) can be a useful metric in understanding the overall effects of a project on the roadway system. It is the sum of each generated vehicle multiplied by the length of their trip to and from the site on an average weekday. For example, a vehicle driven one mile is one VMT. Therefore, a project with high VMT would have a greater effect on the roadway system than a project with low VMT.

SB 743 is California's law to replace Level of Service (LOS) with VMT in environmental review. This shift toward VMT aligns with San José's long-term goal of reducing drive-alone trips and increasing the use of walking, bicycling, and transit modes. The benefits of reducing drive-alone trips and increasing the use of other modes include reduced energy consumption, reduced greenhouse gas emissions, and support of healthier communities. Strategies from the *Envision San José 2040 General Plan* to address VMT include:

- TR-9.1: Enhancing and expanding walking and bicycle facilities to facilitate non-automobile trips
- TR-8.3 through TR-8.10: Supporting parking strategies such as parking supply limits, pricing, car share programs, and unbundled private off-street parking to encourage the use of non-automobile modes
- TR-7.1: Requiring large employers to develop and maintain Transportation Demand Management (TDM) programs to reduce vehicle trips
- TR-3.5 Increasing transit frequency and service along major corridors and to major destinations

The City of San José adopted Council Policy 5-1 and developed the *San José Transportation Analysis Handbook (2023)* to provide guidance on project screening criteria, thresholds of significance for environmental clearance for development projects, and methods for VMT analysis.

Screening Criteria

The City's VMT procedure includes screening criteria used to identify types, characteristics, and/or locations of projects that would not exceed CEQA thresholds of significance. If a project or component of a mixed-use project meets the screening criteria, it is presumed the project or component would result in a less-than-significant VMT impact, and a VMT analysis is therefore not required. The screening criteria categorize development projects as follows:

1. Small infill projects
2. Local-serving retail
3. Local-serving public facilities
4. Projects located in Planned Growth Areas with low VMT and High-Quality Transit
5. Deed-restricted affordable housing located in Planned Growth Areas with High-Quality Transit

A project or component of a mixed-use project that meets the associated screening criteria is exempted from performing a CEQA-level VMT analysis. The screening criteria are described in detail in the City's *Transportation Analysis Handbook*. Both the project-level and program-level components of the project do not meet the screening criteria and a detailed VMT analysis is required. Given the Project is not an office development or residential development, the VMT analysis was conducted using the City model in lieu of applying the City's VMT Evaluation Tool.

VMT Analysis Approach

It is assumed the hospital and medical office expansion would not cause an increase in trips regionally, but rather would result in a change in trip-making. The premise of the analysis is if medical uses are located at the Project area, then the Project's medical uses would shift medical demand from other similar locations. This is a typical analysis approach to evaluate the Project's effect on medical use VMT; the Project is not proposing to physically shift medical uses from other areas. Specific to the Project, it is assumed that some employees would leave their job at other hospitals and find employment at the expanded Kaiser San José Medical Center. Likewise, patients will choose to find treatment at Kaiser San José Medical Center instead of at other hospitals in the region. Thus, the estimated increase in hospital and MOB jobs was shifted from other hospitals in the region, which include the following:

- Santa Clara Valley Medical Center
- O'Connor Hospital
- Kaiser Permanente Santa Clara
- El Camino Health Los Gatos Hospital

Within the City model, hospital and MOB land uses are categorized using the service employment land use. The 822 hospital jobs and 1,000 MOB jobs (see **Table 1-1**) were added to TAZ 665[2]. Service employment jobs were removed from the TAZs that contain the four other hospitals listed above. The jobs shifted were directly proportional to the TAZ's service employment size and inversely proportional to the distance squared from the Kaiser San José Medical Center. **Table 4-1** summarizes the presumed service employment shift. The shifts in service population are also illustrated graphically on **Figure 4-1**.

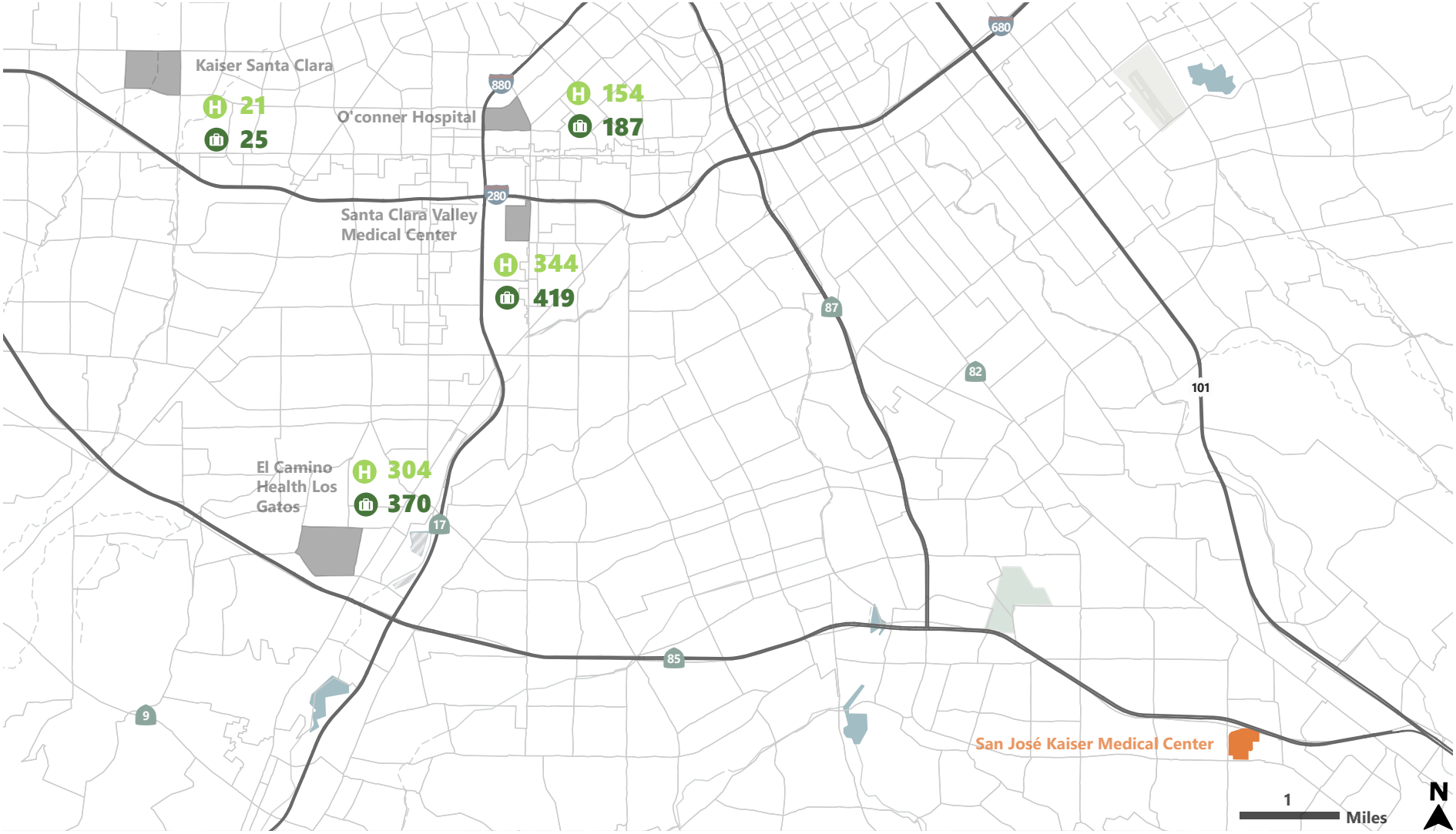
[2] TAZ is roughly bound by SR 85 to the north, Miyuki Drive to the east, Santa Teresa Boulevard to the south, and Cottle Road to the west. The TAZ includes the Kaiser San Jose Campus, as well as gas station at the north-east corner of Santa Teresa Boulevard and residential uses to the east of the campus.

Table 4-1: Service Employment Shift at Other Hospitals

Hospital	TAZ[1]	Distance to TAZ 625[2]	1/ Dist^2	Weighted Average Distance	No Project Service Population[1]	Weighted Average Service Population	Factor[3]	Weighted Factor	Service Population Shift[4]	
									Hospital (822 employees)	MOB (1,000 employees)
Santa Clara Valley Medical Center	3034	11.3	0.008	0.364	1,304	0.327	0.119	0.419	-344	-419
O'Connor Hospital	775	15.8	0.004	0.182	1,154	0.289	0.053	0.187	-154	-187
Kaiser Santa Clara	95	19.0	0.003	0.136	212	0.053	0.007	0.025	-21	-25
El Camino Health Los Gatos	7	12.0	0.007	0.318	1,317	0.330	0.105	0.370	-304	-370

Notes:
1. From City of San Jose model.
2. In miles based on Google maps
3. Weighted Average Distance x Weighted Average Service Population.
4. Weighted factor x proposed increase in employees.

Source: Fehr & Peers, 2023.



Project Site Location

Employment Shift Sites

Transportation Analysis Zones

Hospital Employment Shifted to Project Site

MOB Employment Shifted to Project Site

Figure 4-1

Service Employment Shift

Significance Criteria

The City's *Handbook* mainly focuses on residential, employment, and retail uses and does not provide specific guidance on how to evaluate thresholds for hospital-related VMT analysis. However, in consultation with City staff the hospital and MOB components were evaluated as follows:

- Total regional VMT with and without the project for the hospital patients (home-based shop/other).
- Total regional VMT with and without the project for the medical office patients (home-based shop/other).
- Total regional VMT with and without the proposed project for the hospital employees (home-based work).
- Total regional VMT with and without the proposed project for the medical office employees (home-based work).

A significant impact is determined if the project increases either total VMT for either employees or patients/visitors.

Hospital VMT Analysis

Table 4-2 presents the total regional VMT comparison between Existing no Project conditions and Existing plus Project conditions for the hospital (project-level analysis), including the shifted demand from other locations within Santa Clara County as summarized in **Table 4-1**.

Based on the City's impact threshold of no net increase from regional employee and patient/visitor VMT, the Project would have **significant VMT impact for the hospital** for the following two thresholds since the total regional employee and patient/visitor VMT would increase with the proposed Project**:**

- Total regional VMT for hospital employees (home-based work)
- Total reginal VMT for hospital patients (home-based shop/other)

It should be noted that the increases in employment VMT is nominal and represent a less than one percent change in VMT.

Consistent with Council Policy 5-1 and the guidelines outlined in the City Handbook, the project will be required to prepare a transportation demand management plan to reduce the Project's effect on VMT.

Table 4-2: Hospital VMT Analysis Results

Metric	Existing No Project	Existing Plus Hospital	Absolute Difference	Percent Difference	Exceed VMT Threshold?
VMT Impact Evaluation Metrics					
Daily Work VMT from Employees	228,928	230,737	1,809	0.79%	yes
Daily Other VMT from Patients and Visitors	73,883	75,858	1,975	2.67%	yes
Additional VMT Metrics (Not For Impact Determination)					
Total Daily Hospital VMT	302,811	306,595	3,784	1.25%	n/a
Number of Hospital Employees[1]	15,063	15,063	0	0.00%	n/a
Daily Work VMT/Job	15.20	15.32	0.12	0.79%	n/a
Daily Other VMT/Job	4.90	5.04	0.14	2.86%	n/a
Daily VMT/Job	20.10	20.36	0.26	1.29%	n/a

Notes:
1. Since the VMT analysis is shifting jobs from other TAZs to the Project TAZ as outlined in Table 4-1, the total number of jobs in the region remains the same between the No Project and Plus Hospital scenarios.

Source: City of San José Model, December 2023.

Hospital and MOB VMT Analysis

Table 4-3 presents the total regional VMT comparison between Existing no Project conditions and Existing plus Project conditions for both the hospital (project-level analysis) and the MOB (program-level analysis), including the shifted demand from other locations within Santa Clara County as summarized in **Table 4-1**.

Based on the City's impact threshold of no net increase from regional employee and patient/visitor VMT, the Project would have **significant VMT impact for the hospital and MOB uses** for the following two thresholds, since the total regional employee and patient/visitor VMT would increase with the proposed Project**:**

- Total regional VMT for hospital and MOB employees (home-based work)
- Total reginal VMT for hospital and MOB patients (home-based shop/other)

Consistent with Council Policy 5-1 and the guidelines outlined in the City Handbook, the project will be required to prepare a transportation demand management plan to reduce the Project's effect on VMT.

Table 4-3: Hospital and MOB VMT Analysis Results

Metric	Existing No Project	Existing Plus Hospital and MOB	Absolute Difference	Percent Difference	Exceed VMT Threshold?
VMT Impact Evaluation Metrics					
Daily Work VMT from Employees	228,928	232,938	4,010	1.75%	yes
Daily Other VMT from Patients and Visitors	73,883	78,261	4,378	5.93%	yes
Additional VMT Metrics (Not For Impact Determination)					
Total Daily Hospital + MOB VMT	302,811	311,199	8,388	2.77%	n/a
Number of Hospital + MOB Employees[1]	15,063	15,063	0	0.00%	n/a
Daily Work VMT/Job	15.20	15.47	0.27	1.78%	n/a
Daily Other VMT/Job	4.90	5.20	0.30	6.12%	n/a
Daily VMT/Job	20.10	20.66	0.56	2.79%	n/a

Notes:
1. Since the VMT analysis is shifting jobs from other TAZs to the Project TAZ as outlined in Table 4-1, the total number of jobs in the region remains the same between the No Project and Plus Hospital scenarios.

Source: City of San José Model, December 2023.

Mitigation Measures

Consistent with VMT strategies TR-7.1 from the *Envision San José 2040 General Plan,* Kaiser will be required to develop and maintain a TDM programs to reduce vehicle trips. The City model does not account for the effectiveness of TDM programs and hardscape multimodal improvements. To mitigate the VMT from **Table 4-2** and **Table 4-3**, we used the *San Jose VMT Evaluation Tool* (updated in April 2023) to evaluate the effectiveness of programmatic TDM measures and hardscape multimodal improvement elements in reducing the Project's VMT. The tool was not developed for use on hospital projects or total VMT, thus we made some assumptions to apply the tool:

1. Convert Project trip rates to equivalent square feet of office. This included converting daily trips for hospital employees, hospital patients/visitors, MOB employees, and MOB patients/visitors into equivalent office square footage. As noted, the tool does not include hospital or MOB uses and focuses on standard office uses. Since the proposed Project is not an office development project, the trip generation rates for the hospital and MOB were back calculated into equivalent office square footage (i.e., how many square feet of office would generate the same amount of trips as the hospital or MOB).
2. Reduction percentage. Since the tool uses VMT per employee metric for office land use and the hospital and MOB were evaluated for total VMT, we evaluated TDM effectiveness based on percent reduction.

The VMT reduction reports along with calculation of converting to equivalent office square footage for the Project are presented in **Appendix A**.

The commute trip reduction marketing/education measure from Tier 4 – TDM Programs was applied to the Project. It was assumed that 25% of eligible employees would participate in the program. For the hospital only scenario, the VMT would be reduced by 5.53 percent for employees and for the Hospital plus MOB scenario, employee VMT would be reduced by 9.31 percent. Since, the commute trip reduction marketing/ education measure are targeted at employees, the programmatic TDM elements would not address VMT for patients/visitors.

Table 4-4 summarizes the VMT percent increases (from **Table 4-2** and **Table 4-3**) and the TDM effectiveness for the programmatic TDM program elements for the commute trip reduction marketing/education TDM measure. As shown in **Table 4-4**, the VMT reduction from the commute trip reduction marketing/education TDM measure would reduce the VMT impact to less than significant levels for all scenarios, except for the patient/visitor VMT for both the hospital only and hospital plus MOB scenarios.

Table 4-4: TDM Effectiveness – Programmatic TDM Elements

Metric	Hospital	TDM Effectiveness – Hospital	Reduce VMT Impact	Hospital + MOB	TDM Effectiveness – Hospital	Reduce VMT Impact
Daily Work VMT from Employees	0.79%	5.53%	Yes	1.75%	9.31%	Yes
Daily Other VMT from Patients and Visitors	2.67%	0.00%	**No**	5.93%	0.00%	**No**

Source: *San Jose VMT Evaluation Tool* (updated in April 2023; Fehr & Peers, 2023.

To address the patient/visitor VMT impact hardscape multimodal improvements are required. Assuming off-site pedestrian improvements, the TDM effectiveness would be 4.79 percent for the hospital only scenario and 6.49 percent for the hospital plus MOB scenario; thus the patience/visitor VMT impact would be reduced the less-than-significant levels as shown in **Table 4-5**.

Table 4-5: TDM Effectiveness – Programmatic TDM Elements Plus Hardscape Multimodal Improvements

Metric	Hospital	TDM Effectiveness – Hospital	Reduce VMT Impact	Hospital + MOB	TDM Effectiveness – Hospital	Reduce VMT Impact
Daily Work VMT from Employees	0.79%	7.39%	Yes	1.75%	11.11%	Yes
Daily Other VMT from Patients and Visitors	2.67%	4.79%	Yes	5.93%	6.49%	Yes

Source: *San Jose VMT Evaluation Tool* (updated in April 2023; Fehr & Peers, 2023.

5. Additional CEQA Transportation Analysis

CEQA transportation analysis requires an evaluation of a project's potential impacts related to VMT and other significance criteria. This chapter addresses the transportation impacts related to the other significance criteria: a project could have a significant transportation impact on the environment if it:

1. Conflicts with a plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle lanes, and pedestrian paths;
2. Substantially increases hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); or
3. Results in inadequate emergency access.

CEQA analysis requirements related to VMT (i.e., conflicts or is inconsistent with CEQA Guidelines section 15064.3, subdivision (b)(1)) are addressed in the previous chapter.

Conflicts with a Plan, Ordinance, or Policy

General Plan Consistency

According to *San José Transportation Analysis Handbook (2023)*, projects must demonstrate consistency with the *Envision San José 2040 General Plan*, referred to as the General Plan, to address cumulative impacts. The determination of consistency with the General Plan includes a project's density, design, and conformance to the goals and policies set forth in the General Plan. This section describes the land use and transportation goals in the General Plan and the Project's consistency with those goals.

The goals for hospital and medical uses outlined in the General Plan include providing good access to quality medical services. The Geneal Plan notes that access to medical services via public transportation is critical to promote equity. Goal ES-6 – Access to Medical services, includes policies to provide for health care needs of all members of the San Jose Community.

The transportation goals in the General Plan aim to complete and maintain a multimodal transportation system with the emphasis on improvements to pedestrian and bicycle facilities, to maximize efficiency of the existing street system, and to reduce the number of vehicle miles traveled. As described in the Existing Conditions chapter and shown on **Figure 2-3**, the Project is located within a half-mile radius VTA's Blue Line light rail stop, and is easily accessible via several bus routes on stops internal to the site on International Circle, as well as along the Project perimeter along Santa Teresa Boulevard and Cottle Road. The bicycle improvements for the Project include improving existing bicycle facilities around the Project perimeter and adding new Class II bike lanes on Camino Verdo Drive north of Santa Teresa Boulevard.

The Project is consistent with the General Plan transportation policies in **Table 5-1** and is considered to have a less-than-significant General Plan conflict impact.

Table 5-1: Envision San José 2040 General Plan Land Use and Transportation Policies

Goal TR-1	***Balanced Transportation System: Complete and maintain a multimodal transportation system that gives priority to the mobility needs of bicyclists, pedestrians, and public transit users while also providing for the safe and efficient movement of automobiles, buses, and trucks.***
TR-1.1	Accommodate and encourage use of non-automobile transportation modes to achieve San José's mobility goals and reduce vehicle trip generation and vehicle miles traveled (VMT).
TR-1.2	Consider impacts on overall mobility and all travel modes when evaluating transportation impacts of new developments or infrastructure projects.
TR-1.3	Increase substantially the proportion of commute travel using modes other than the single-occupant vehicle. The 2040 commute mode split targets for San José residents and workers are presented in the following table.
TR-1.4	Through the entitlement process for new development, projects shall be required to fund or construct needed transportation improvements for all transportation modes giving first consideration to improvement of bicycling, walking and transit facilities and services that encourage reduced vehicle travel demand.
TR-1.6	Require that public street improvements provide safe access for motorists and pedestrians along development frontages per current City design standards.
Goal TR-2	***Walking and Biking: Improve walking and bicycling facilities to be more convenient, comfortable, and safe, so that they become primary transportation modes in San José.***
TR-2.1	Coordinate the planning and implementation of citywide bicycle and pedestrian facilities and supporting infrastructure. Give priority to bicycle and pedestrian safety and access improvements at street crossings (including proposed grade-separated crossings of freeways and other high vehicle volume roadways) and near areas with higher pedestrian concentrations (school, transit, shopping, hospital, and mixed-use areas)
TR-2.3	Construct crosswalks and sidewalks that are universally accessible and designed for use by people of all abilities.
TR-2.8	Require new development where feasible to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/paths, or share in the cost of improvements.
Goal TR-3	***Maximize Use of Public Transit: Maximize use of existing and future public transportation services to increase ridership and decrease the use of private automobiles.***
TR-3.4	Maintain and improve access to transit stops and stations for mobility challenged population groups such as youth, the disabled, and seniors
Goal TR-5	***Vehicular Circulation: Maintain the City's street network to promote the safe and efficient movement of automobile and truck traffic while also providing for the safe and efficient movement of bicyclists, pedestrian, and transit vehicles.***

Table 5-1: Envision San José 2040 General Plan Land Use and Transportation Policies

TR-5.3	Development projects' effects on the transportation network will be evaluated during the entitlement process and will be required to fund or construct improvements in proportion to their impacts on the transportation system. Improvements will prioritize multimodal improvements that reduce VMT over automobile network improvements.
Goal TR-8	***Parking Strategies***
TR-8.2	Balance business viability and land resources by maintaining an adequate supply of parking to serve demand while avoiding excessive parking supply that encourages automobile use.
Goal TR-9	***Reduction of Vehicle Miles Traveled (VMT): Reduce VMT per service population by 20% (2030 goal) and by 45% (2040 goal), from the 2017 levels.***
TR-9.1	Enhance, expand and maintain facilities for walking and bicycling to provide neighborhoods with safe and direct access to transit and key destinations, a particularly to provide neighborhoods with safe and direct access to transit and key destinations, a complete alternative transportation network that facilitates non-automobile trips, and enjoyable outdoor open space.

Note:
Source: *Envision San José 2040 General Plan*, July 2023.

Better Bike Plan 2025 Consistency

The City of *San José Better Bike Plan 2025* was adopted in October 2020. The Better Bike Plan lays out a vision for a safe and connected network of on-street bikeways to empower people of all ages and abilities to travel by bicycle. This includes an assessment of the current biking environment and the network connections, projects, bikeway designs, and policies needed to improve biking in San José. Projects listed in the Better Bike Plan that are near the Project area include the implementation of a Class IV protected bike lanes on Santa Teresa Boulevard and Cottle Road, which the Project is implementing along its Project frontage. Thus, the Project is consistent with the *Better Bike Plan 2025* and does not interfere with existing or proposed bicycle access near the site.

San José Complete Streets Design Standards & Guidelines Consistency

The *San José Complete Streets Design Standards & Guidelines* were developed as a comprehensive set of street design standards and guidelines to inform how the City of San José builds and retrofits streets. The guidelines in the document presents standards for the design and implementation of streets that are comfortable and welcoming for all modes of travel in accordance with the City's Vision Zero initiative.

The complete street design standards and guidelines vary depending on roadway typology and context of the built environment. For example, Downtown areas are characterized by intensive office, retail, service, residential, and entertainment land uses. Transit usage and pedestrian activity are given primary emphasis over automobile activity in this context. The designs standards and guidelines refer to the typology designation in the 2040 General Plan. The Project will implement any roadway design changes consistent with the City's *Design Standards & Guidelines* and is consistent with that document.

Hazardous Design Features

The Project is not proposing any street network changes. All roadway access improvements, such as new hospital and garage driveways, would need to comply with the City of San José's *Complete Streets Design & Guidelines* (May 2018), which include design specifications to ensure safe and efficient travel of vehicles, bicycles, pedestrians, and transit vehicles. Within the Local Transportation Analysis (LTA) report created under a separate cover for this Project, stopping sight distance was analyzed at the proposed driveways per the Caltrans' *Highway Design Manual, 6th Edition (2019)* and no additional countermeasures are needed. For this reason, the proposed Project would not introduce any geometric design features or incompatible uses, and this impact would be less-than-significant.

Emergency Access

Efficient operations of City streets help to reduce response times for emergency responders including San José Police and Fire Department personnel, as well as private ambulance services.

The emergency access assessment was conducted to determine if the Project has the potential to impact emergency vehicle access by creating conditions that would substantially affect the ability of drivers to yield the right-of-way to emergency vehicles, or preclude the ability of emergency vehicles to access streets within the Project area. An emergency response time impact is considered significant if implementation of the Project would provide inadequate access to accommodate emergency vehicles.

Hospital Ambulance Vehicle Access

With the proposed new Hospital, the ambulance emergency access to the Medical Center would shift from its location along the northern section of International Circle to the new hospital, which would be located at the south-eastern corner of the Cottle Road/Hospital Parkway intersection. In the proposed location, an ambulance would have a shorter and more direct route to the emergency room, since they would no longer need to circulate internal to the Medical Center and can directly access it from Cottle Road via the Hospital Parkway intersection.

Congestion

The increases in vehicle, bicycle, and pedestrian demand associated with the Project would not substantially affect emergency vehicle access patterns; however, the additional vehicles would increase intersection delays, especially in the immediate vicinity of the Project area. At intersections, emergency vehicle access would not be significantly impacted for the following reasons:

a. The City of San José has implemented a citywide emergency vehicle preemption (EVP) system operated on optical sensors installed at existing signalized intersections. These are no longer being maintained by the City because of the switch to a central control system using GPS positions for City of San José Fire and Police vehicles. However, emergency ambulances are not included in the City's cloud-based EVP system since they are separately owned, and

b. California law requires drivers to yield the right-of-way to emergency vehicles and remain stopped until the emergency vehicle passes.

Multi-lane roadways, such as Santa Teresa Boulevard and Cottle Road, provide for higher speed emergency vehicle access and room for traffic to more easily move out of the path of emergency vehicles.

In addition, *Envision San José 2040 General Plan* specifies policies to ensure the City maintains adequate emergency response times, and that developments of fire service facilities and delivery keep pace with development and growth in the City. Specific General Plan policies include:

- **ES-3.1**: Provide rapid and timely level of service response times to all emergencies.
- **ES-3.3**: Locate police and fire service facilities so that essential services can most efficiently be provided and level of service goals met. Ensure that the development of police and fire facilities and delivery of services keeps pace with development and growth of the City.
- **ES-3.6**: Work with local, state, and federal public safety agencies to promote regional cooperation in the delivery of services. Maintain mutual aid agreements with surrounding jurisdictions for emergency response.
- **ES-3.13**: Maintain emergency traffic preemption controls for traffic signals.
- **ES-3.21**: Create long-range funding and deployment strategies for expanding and maintaining police and fire facilities and operations to address service delivery demands from new population growth.
- **ES-3.22**: Maintain the City's Fire Department Strategic Plan as a tool to achieve Envision General Plan Level of Service and other related goals and policies. Base fire station location planning on a four-minute travel radius.

Emergency Access Summary

For the reasons described above, the proposed project would not result in inadequate emergency access, and this impact would be less-than-significant impact.

Appendix A:
VMT Evaluation Tool Reports

Table A1: Daily Vehicle Trips

Visitor Type	Plus Hospital[1]	Plus MOB[1]	Total[2]
Employees	8,406	10,226	18,632
Patients and Visitors	3,854	4,688	8,542

Notes:
1. Assume that the site adds 1,822 employees in total. The hospital adds 822 employees and MOB add 1,000 employees. Daily vehicle trips associated with hospital and MOB for employees and patients and visitors are proportionate to the number of attracted employees.
2. Total daily vehicle trips are estimated from City model. Total vehicle trips for employees are home-based work attracted trips and total vehicle trips for patients and visitors are the difference between home-based work attracted trips and home-based attracted trips.
Source: Source: Fehr & Peers, 2023.

Table A2: Project-Level Unit Conversion to Equivalent Office Size

ITE Land Use (Code)	Size	Unit[1]	Daily	
			Rate[2]	Trips
Employees				
Hospital (610)	-	-	-	8,406
Office (710)	775.45[3]	KSF	10.84	8,406
Patients and Visitors				
Hospital (610)	-	-	-	3,854
Office (710)	355.51[3]	KSF	10.84	3,854
Office Total	**1,130.96**	**KSF**		

Notes:
1. KSF = one thousand square feet.
2. Trips per KSF for office. Average rates from *ITE Trip Generation Manual, 11th edition*.
3. Equivalent office size calculated as daily trips generated by the proposed hospital uses divided by office average daily rates.
Source: Source: Fehr & Peers, 2023; *ITE Trip Generation Manual, 11th Edition*, 2021, average trip generation rates.

Table A3: Program-Level Unit Conversion to Equivalent Office Size

ITE Land Use (Code)	Size	Unit[1]	Daily	
			Rate[2]	Trips
Employees				
Hospital (610)	-	-	-	8,406
MOB (720)	-	-	-	10,226
Office (710)	1,718.82[3]	KSF	10.84	18,632
Patients and Visitors				
Hospital (610)	-	-	-	3,854
MOB (720)	-	-	-	4,688
Office (710)	788.01[3]	KSF	10.84	8,542
Office Total	**2,506.83**	**KSF**		

Notes:
1. KSF = one thousand square feet.
2. Trips per bed for hospital, trips per KSF for MOB and office. Average rates from *ITE Trip Generation Manual, 11th edition*.
3. Equivalent office size calculated as daily trips generated by the proposed hospital and MOB uses divided by office average daily rates.
Source: Fehr & Peers, 2023; *ITE Trip Generation Manual, 11th Edition*, 2021, average trip generation rates.

CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Kaiser South San Jose (Project-Level Employees) Tool Version: 2/29/2019
Location: 250 Hospital Pkwy, San Jose, CA 95119-1103 Date: 12/22/2023
Parcel: 70605037 Parcel Type: Suburb with Single-Family Homes

Proposed Parking Spaces Vehicles: 1,040 Bicycles: 74

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	775.5 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 7
- With Project Density (DU/Residential Acres in half-mile buffer) 7

Increase Development Diversity
- Existing Activity Mix Index 0.55
- With Project Activity Mix Index 0.64

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 20
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 41

Tier 2 - Multimodal Infrastructure

Tier 3 - Parking

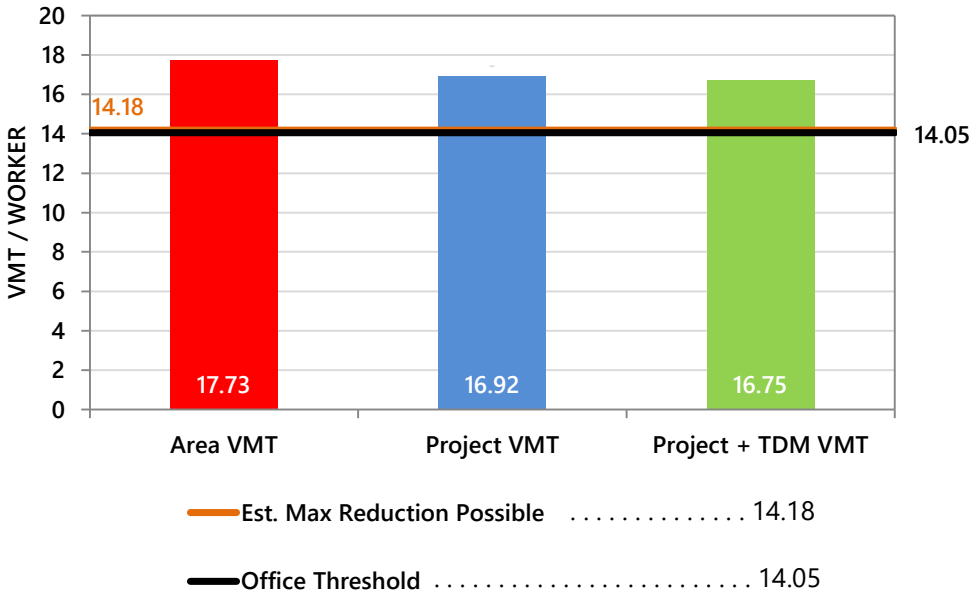
End of Trip Bike Facilities
- Bicycle Parking Spaces Provided by Project . . . . . 74 spaces
- Project Provides Additional End-of-Trip Facilities Beyond Parking? . . . . . Yes

Tier 4 - TDM Programs

Commute Trip Reduction Marketing/ Education
- Percent of Eligible Employees . . . . . 25 %

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT and per industrial worker VMT above the City's threshold.



CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Kaiser South San Jose (Program-Level Employees)
Tool Version: 2/29/2019
Location: 250 Hospital Pkwy, San Jose, CA 95119-1103
Date: 12/22/2023
Parcel: 70605037 Parcel Type: Suburb with Single-Family Homes

Proposed Parking Spaces Vehicles: 3,988 Bicycles: 74

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	1719 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 7
- With Project Density (DU/Residential Acres in half-mile buffer) 7

Increase Development Diversity
- Existing Activity Mix Index 0.55
- With Project Activity Mix Index 0.63

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 20
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 66

Tier 2 - Multimodal Infrastructure

Tier 3 - Parking

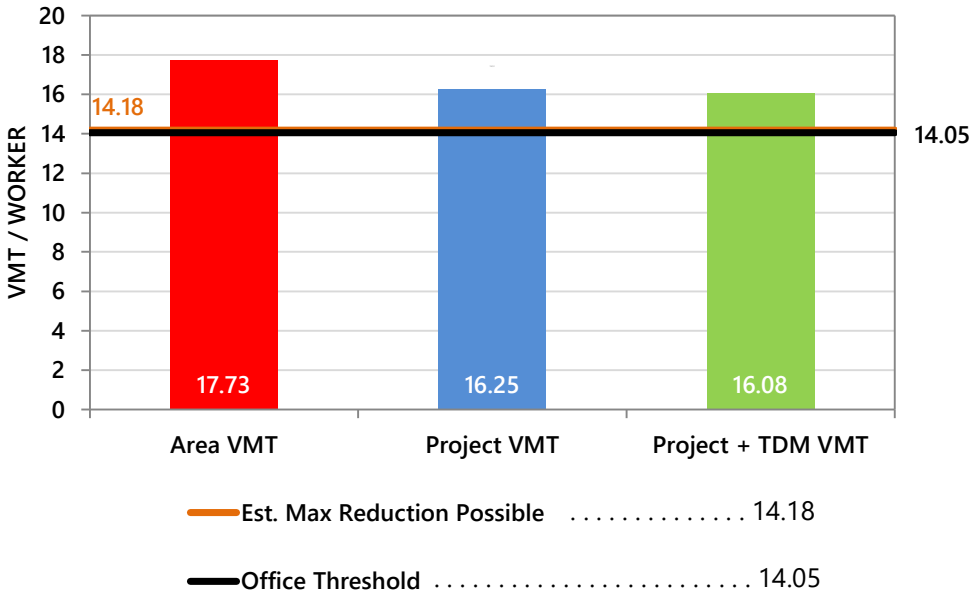
End of Trip Bike Facilities
- Bicycle Parking Spaces Provided by Project . . . . . 74 spaces
- Project Provides Additional End-of-Trip Facilities Beyond Parking? . . . . . Yes

Tier 4 - TDM Programs

Commute Trip Reduction Marketing/ Education
- Percent of Eligible Employees . . . . . 25 %

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT above the City's threshold and per industrial worker VMT below the City's threshold.



CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Kaiser South San Jose (Project-Level Employees) Tool Version: 2/29/2019
Location: 250 Hospital Pkwy, San Jose, CA 95119-1103 Date: 12/22/2023
Parcel: 70605037 Parcel Type: Suburb with Single-Family Homes

Proposed Parking Spaces Vehicles: 3,988 Bicycles: 74

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	775.5 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 7
- With Project Density (DU/Residential Acres in half-mile buffer) 7

Increase Development Diversity
- Existing Activity Mix Index 0.55
- With Project Activity Mix Index 0.64

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 20
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 41

Tier 2 - Multimodal Infrastructure

Pedestrian Network Improvements *(In Coordination with SJ)*
- Are pedestrian improvements provided beyond the development frontage? . . . . . Yes

Tier 3 - Parking

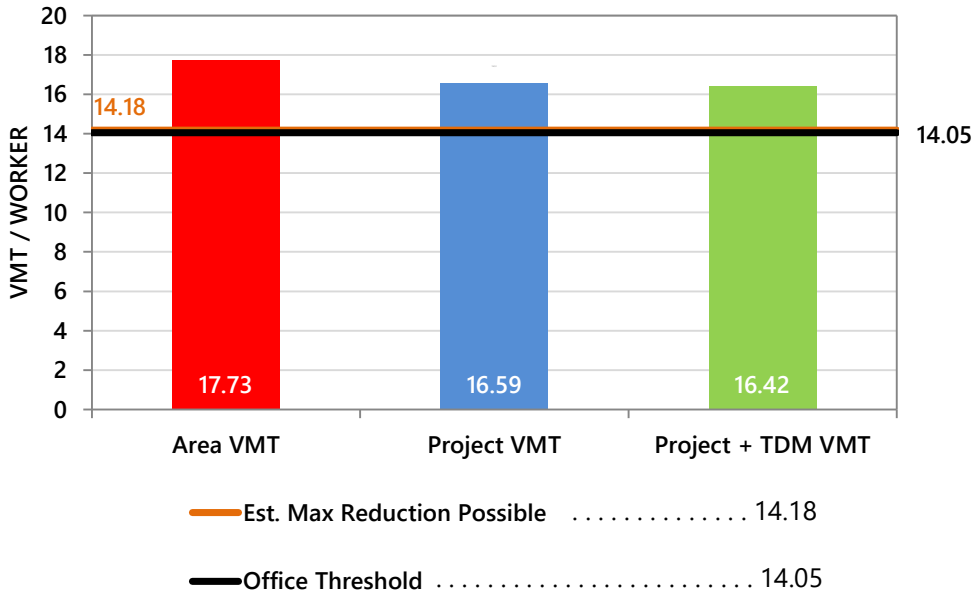
End of Trip Bike Facilities
- Bicycle Parking Spaces Provided by Project . . . . . 74 spaces
- Project Provides Additional End-of-Trip Facilities Beyond Parking? . . . . . Yes

Tier 4 - TDM Programs

Commute Trip Reduction Marketing/ Education
- Percent of Eligible Employees . . . . . 25 %

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT above the City's threshold and per industrial worker VMT below the City's threshold. There are selected strategies that require coordination with the City of San Jose to implement.



CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Kaiser South San Jose (Program-Level) Tool Version: 2/29/2019
Location: 250 Hospital Pkwy, San Jose, CA 95119-1103 Date: 1/31/2024
Parcel: 70605037 Parcel Type: Suburb with Single-Family Homes

Proposed Parking Spaces Vehicles: 3,988 Bicycles: 74

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	355.5 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 7
- With Project Density (DU/Residential Acres in half-mile buffer) 7

Increase Development Diversity
- Existing Activity Mix Index 0.55
- With Project Activity Mix Index 0.61

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 20
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 29

Tier 2 - Multimodal Infrastructure

Pedestrian Network Improvements *(In Coordination with SJ)*
- Are pedestrian improvements provided beyond the development frontage? . . . . . Yes

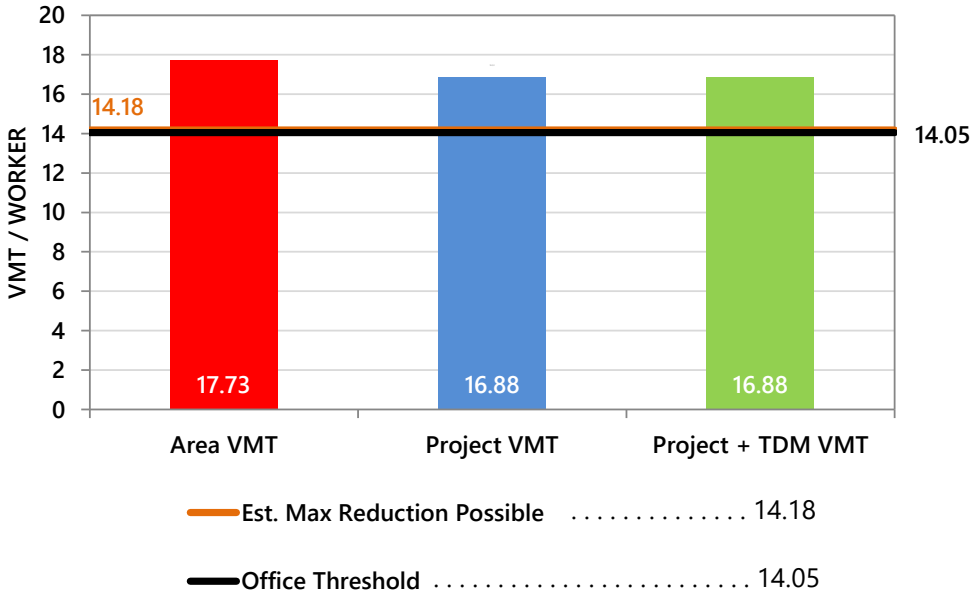
Tier 3 - Parking

End of Trip Bike Facilities
- Bicycle Parking Spaces Provided by Project . . . . . 74 spaces
- Project Provides Additional End-of-Trip Facilities Beyond Parking? . . . . . Yes

Tier 4 - TDM Programs

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT and per industrial worker VMT above the City's threshold. There are selected strategies that require coordination with the City of San Jose to implement.



CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Kaiser South San Jose (Program-Level Employees) Tool Version: 2/29/2019
Location: 250 Hospital Pkwy, San Jose, CA 95119-1103 Date: 12/22/2023
Parcel: 70605037 Parcel Type: Suburb with Single-Family Homes

Proposed Parking Spaces Vehicles: 3,988 Bicycles: 74

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	1719 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 7
- With Project Density (DU/Residential Acres in half-mile buffer) 7

Increase Development Diversity
- Existing Activity Mix Index 0.55
- With Project Activity Mix Index 0.63

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 20
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 66

Tier 2 - Multimodal Infrastructure

Pedestrian Network Improvements *(In Coordination with SJ)*
- Are pedestrian improvements provided beyond the development frontage? . . . . . Yes

Tier 3 - Parking

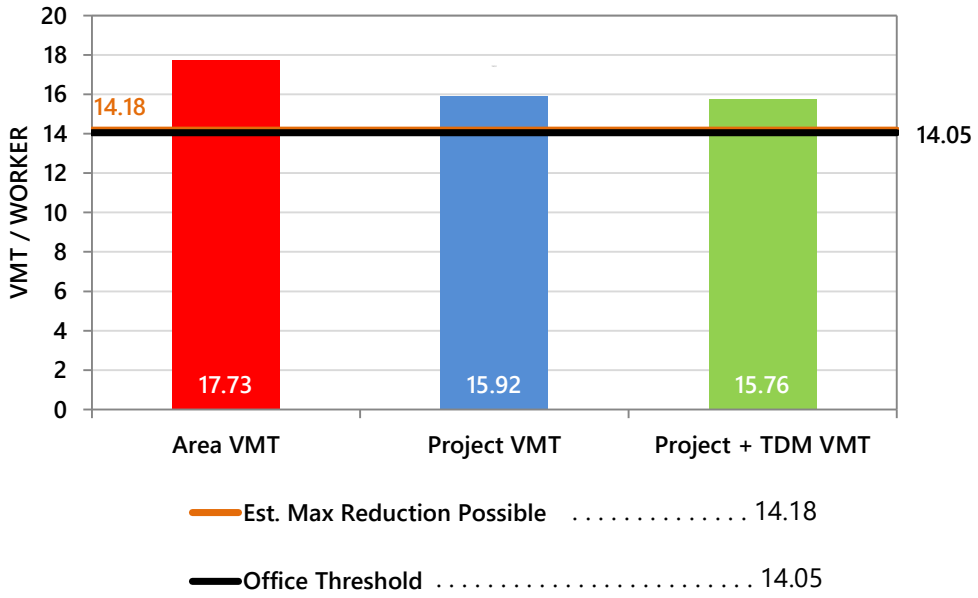
End of Trip Bike Facilities
- Bicycle Parking Spaces Provided by Project . . . . . 74 spaces
- Project Provides Additional End-of-Trip Facilities Beyond Parking? . . . . . Yes

Tier 4 - TDM Programs

Commute Trip Reduction Marketing/ Education
- Percent of Eligible Employees . . . . . 25 %

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT above the City's threshold and per industrial worker VMT below the City's threshold. There are selected strategies that require coordination with the City of San Jose to implement.



CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Kaiser South San Jose (Program-Level) Tool Version: 2/29/2019
Location: 250 Hospital Pkwy, San Jose, CA 95119-1103 Date: 1/31/2024
Parcel: 70605037 Parcel Type: Suburb with Single-Family Homes

Proposed Parking Spaces Vehicles: 3,988 Bicycles: 74

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	788 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 7
- With Project Density (DU/Residential Acres in half-mile buffer) 7

Increase Development Diversity
- Existing Activity Mix Index 0.55
- With Project Activity Mix Index 0.64

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 20
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 41

Tier 2 - Multimodal Infrastructure

Pedestrian Network Improvements *(In Coordination with SJ)*
- Are pedestrian improvements provided beyond the development frontage? . . . . . Yes

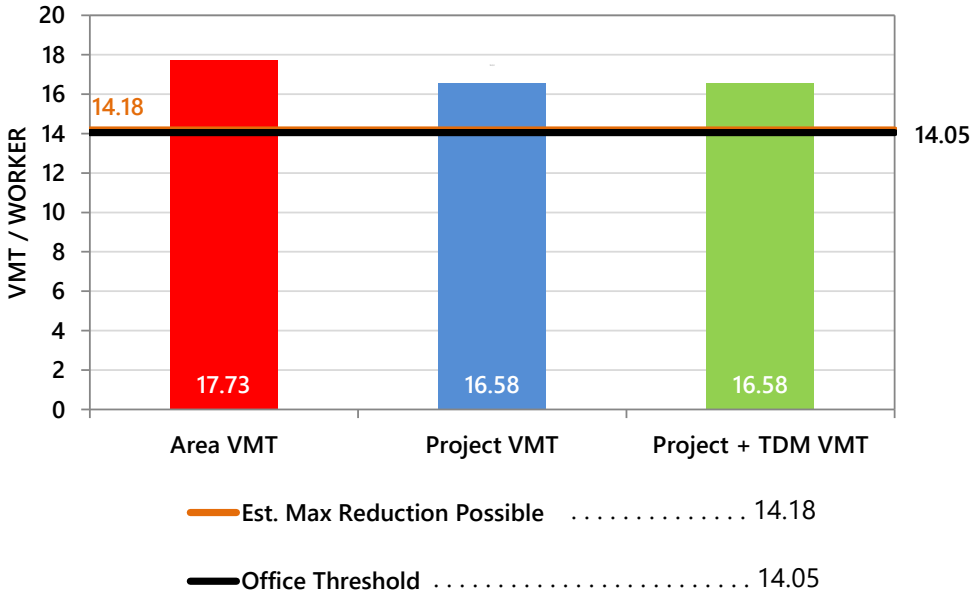
Tier 3 - Parking

End of Trip Bike Facilities
- Bicycle Parking Spaces Provided by Project . . . . . 74 spaces
- Project Provides Additional End-of-Trip Facilities Beyond Parking? . . . . . Yes

Tier 4 - TDM Programs

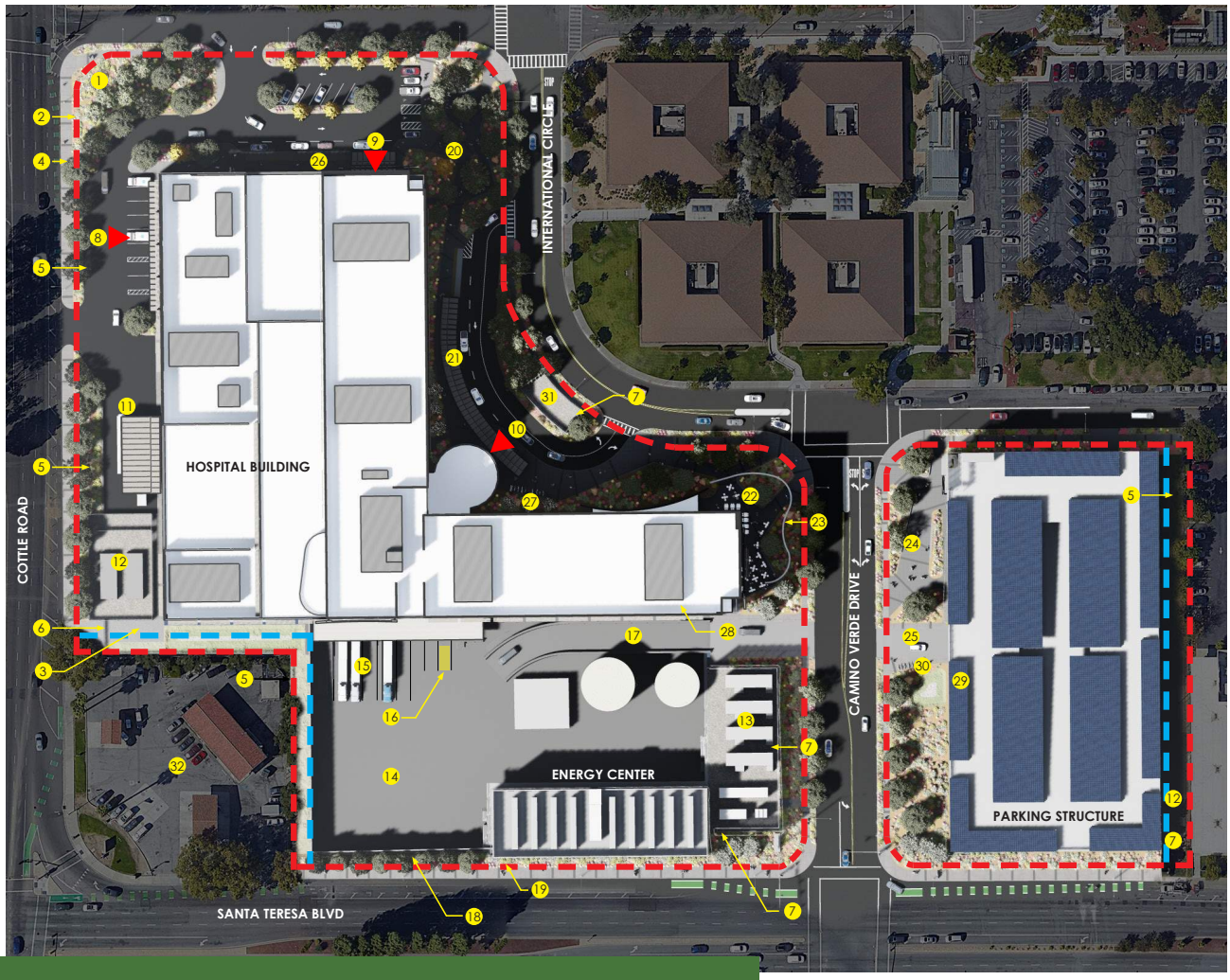
EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT and per industrial worker VMT above the City's threshold. There are selected strategies that require coordination with the City of San Jose to implement.



Appendix I2
Local Transportation Analysis

ESA



Kaiser San Jose Campus Master Plan and New Hospital

Local Transportation Analysis (LTA)

JANUARY 2024

PREPARED FOR: KAISER PERMANENTE
CITY OF SAN JOSÉ

FEHR PEERS

Kaiser San José Medical Center Master Plan and New Hospital

Local Transportation Analysis (LTA)

Prepared for:
Kaiser Permanente
City of San José

January 2024

SJ22-2191

FEHR PEERS

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1. Introduction

This report presents the results of the Local Transportation Analysis (LTA) for the Kaiser San José Medical Center Master Plan and New Hospital development at 250 Hospital Parkway in San José, California. The City of San José Transportation Analysis Policy (Council Policy 5-1) requires projects to perform an LTA to demonstrate conformance with multimodal transportation strategies, goals, and policies in the General Plan, and to address adverse effects to the transportation system. The LTA evaluates the effects of a development project on transportation, access, circulation, and related safety elements in the proximate area of the Project. An LTA also establishes consistency with the General Plan policies and goals through the following three objectives:

1. Ensures the local transportation system is appropriate for serving the types, characters, and intensity of the surrounding land uses;
2. Encourages projects to reduce personal motorized vehicle trips and increase alternative transportation mode share; and
3. Addresses issues related to operations and safety for all transportation modes, with trade-offs guided by the General Plan street typology.

Consistent with the City of San José Transportation Analysis Policy (Council Policy 5-1), adverse effects were evaluated following guidelines from the City of San José's *Transportation Analysis Handbook* (2023) ("Handbook"), direction from City staff, and the Santa Clara Valley Transportation Authority (VTA), the congestion management agency for Santa Clara County. **Figure 1-1** shows the location of the Project site, the surrounding transportation network and study intersections.

A separate Transportation Analysis (TA) report was also prepared for the City of San José per Council Policy 5-1 to address the Project's potential impacts related to VMT and other CEQA significance criteria. The LTA was prepared to address specific circulation metrics as part of the City's development application purposes and is not prepared for CEQA purposes. This chapter discusses Project description, study area, analysis scenarios and methods, and report organization.

Project Description

The San José Kaiser Medical Center is located at the Cottle Road/Hospital Parkway intersection just south of the State Route 85 and Cottle Road interchange (see **Figure 1-1**). The Project is located within the designated Santa Teresa Boulevard and Cottle Road Urban Village per the Envision San Jose 2040 General Plan.

Land Use Program

As part of the seismic replacement, Kaiser plans to demolish the existing approximately 250,000 square-foot (s.f.) main hospital building at the center of the Medical Center and add a 685,000 s.f. new hospital building[1], a 35,000 s.f. energy center (central utilities plant (CUP)), and 1,040 parking spaces. Of the 1,040 spaces, 1,015 are provided in a new structure on existing surface parking lots near the south and southwest areas of the Medical Center and 25 surface parking spaces are provided adjacent to the hospital. In total, the hospital replacement Project would increase the number of beds from 247 licensed beds up to potentially 303 beds, a net increase of up to 56 beds. The existing hospital would remain in operation until the construction and occupation of the new hospital. After occupation of the new hospital the old hospital would be decommissioned.

In addition, Kaiser has long-term plans to demolish a total of 20,200 s.f. of existing MOB uses and construct a 250,000 s.f. MOB (for a new increase of 229,800 s.f. of MOB). The long-term plans also include the construction of a new 2,557-stall parking garage.

The Project is divided into the Project-level and Program-level components as outlined below:

- **Project-level**: 685,000 s.f. new hospital building (303 beds), 35,000 s.f. CUP, and 1,040 parking spaces. Of the 1,040 spaces, 1,015 spaces are provided in a the new five-level parking garage and 25 at grade surface parking spaces are provided the new hospital site)
- **Program-level**: 250,000 s.f. MOB, and installing an additional 1,046 parking spaces

In addition, the Project is providing 26 short-term bicycle parking spots (open bike racks near building entries) and 48 long-term bicycle parking spots. The transportation effects of the hospital (Project-level components) and MOB uses (Program-level components) are evaluated in both the near-term and future scenarios. The site plan for the project-level components is presented in **Figure 1-2**. These have also been summarized in **Table 1-1**.

[1] The existing 250,000 s.f. hospital will remain operational during the construction of the new hospital, before slowly decommissioning after construction gets completed.

Table 1-1: Proposed Medical Center Land Use Program

Project Component	Existing	Proposed	Net New
Hospital, Energy Center, and Parking Garage			
Hospital	250,000 sf	685,000 sf	+435,000 sf
-Beds	247 beds	303 beds	+56 beds
-Employees	2,055	2,877	+822
Energy Center	—[1]	35,000 sf	+35,000 sf
Parking Structure	606 spaces[2]	1,040 spaces[3]	+434 spaces
-Structure Size	—	350,000 sf	+350,000 sf
Total	***250,000 sf***	***1,139,320 sf***	***+889,320 sf***
Projected MOB Improvements			
Medical Office	425,000 sf[4]	250,000 sf (4–6 stories)	229,800 sf[5]
Employees	1,700	2,700	1,000
Parking	1,982 spaces[6]	2,557 spaces[7]	575 spaces

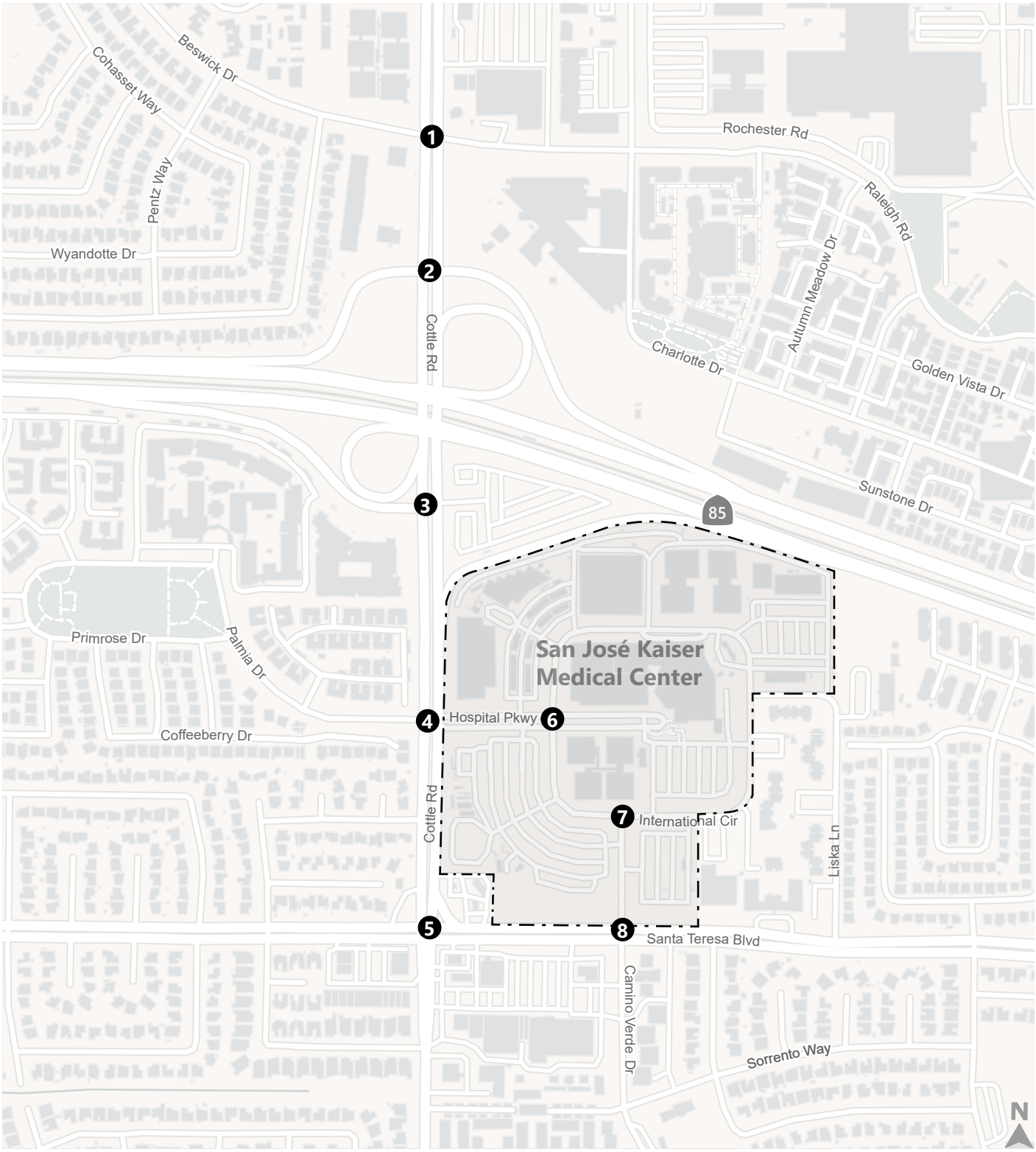
Notes:
1. The existing energy center is part of the hospital's 250,000 sf.
2. Includes only surface parking spaces displaced by the new hospital and parking garage.
3. 1,015 spaces in the five-level parking garage and 25 at grade spaces at the new hospital site
4. 20,200 sf of medical office would be demolished.
5.(20,200 sf) demolished + 250,000 sf new construction = 229,800 net new sf
6. Includes 471 surface parking spaces displaced by the new medical office and parking garage.
7. 1,982 existing spaces retained – 471 spaces displaced + 1,046 new spaces = 2,557 spaces
Source: Kaiser Permanente, 2023.

Transportation Improvements

The Proposed Project includes several transportation improvements that will be implemented as part of the project.

- Upgrade bus shelter on Santa Teresa Boulevard along project frontage
- Upgrade Class II bike lanes to protected Class IV bike lanes along project frontage on Santa Teresa Boulevard and Cottle Road, consistent with *San José Better Bike Plan 2025* (City of San Jose, 2020)
- Provide new Class II bike lanes on Camino Verde Drive between Santa Teresa Boulevard and International Circle.
- Remove channelized right-turns at the following intersections for the specified movements:
  - Cottle Road/Palmia Drive-Hospital Parkway: westbound right-turn and northbound right turn
  - Santa Teresa Boulevard/Camino Verde Drive: southbound right-turn and westbound right-turn
- Remove mid-block enhanced crosswalk with Rectangular Rapid-Flashing Beacons (RRFBs) along International Circle between Hospital Parkway and Camino Verde; since there no longer is a need to facilitate pedestrian crossing between the removed parking lot on the west side of International Circle to the MOB uses on the east side.

These improvements will provide enhanced multimodal access.



Project Location

Study Intersection

Figure 1-1

Project Location with Study Intersections

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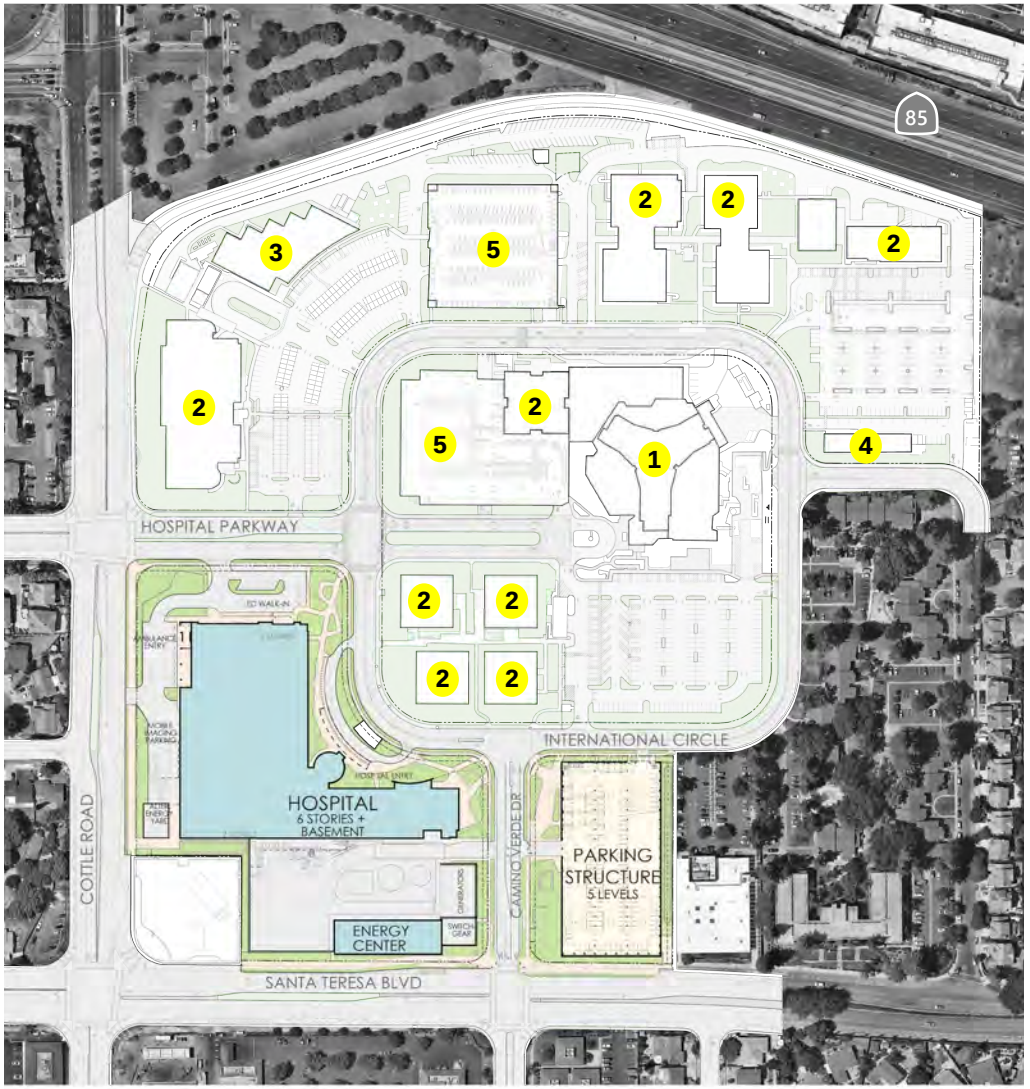


LEGEND

1. EXISTING HOSPITAL
2. EXISTING MEDICAL OFFICE BUILDING
3. EXISTING OUTPATIENT SURGERY BUILDING
4. EXISTING FACILITIES ENGINEERING BUILDING
5. EXISTING PARKING STRUCTURE

Stantec

KAISER PERMANENTE®

0' 100' 200'

Figure 1-2

Proposed Site Plan

Study Area

Because of the Project's location in South San José, the LTA study area focuses on transportation facilities closest to the Project site. The study area is generally bound by Raleigh Road-Beswick Drive to the north, Camino Verde Drive to the east, Santa Teresa Boulevard to the south, and Cottle Road to the west.

Study Intersections

Study intersections are selected based on project location, expected directions of travel to and from the project, and the projected amount of traffic that will be added to intersections. The following intersections within the City of San José were analyzed. Intersections are signalized unless noted otherwise.

1. Cottle Road / Beswick Drive
2. Cottle Road / State Route 85 NB On- / Off-Ramp*
3. Cottle Road / State Route 85 SB Off-Ramp*
4. Cottle Road / Palmia Drive-Hospital Parkway
5. Cottle Road / Santa Teresa Boulevard*
6. Hospital Parkway / International Circle (all-way stop-controlled)
7. Camino Verde Drive / International Circle (all-way stop-controlled)
8. Santa Teresa Boulevard / Camino Verde Drive

* Congestion management program (CMP) intersections

The study intersections are also shown on **Figure 1-1**.

Analysis Scenarios

The analysis was conducted during the morning peak hours between 7:00 and 9:00 AM, and the evening peak hours between 4:00 and 6:00 PM, for the following scenarios:

Scenario 1: *Existing Conditions* – Existing traffic volumes obtained from counts.

Scenario 2: *Background Conditions* – Existing volumes plus traffic from "approved but not yet built" and "not occupied" developments in the area as summarized in the City's Approved Trip Inventory (ATI).

Scenario 3: *Background Plus Project Conditions* – Scenario 2 volumes plus traffic generated by the proposed Project-level components (i.e., hospital and associated CUP and parking garage).

Scenario 4: *Cumulative Conditions* – Scenario 2 volumes plus traffic from pending developments in the area as summarized in the City's Approved Trip Inventory (ATI).[2]

[2] Cumulative No Project volumes typically include trips from approved developments (i.e., Scenario 2) plus trips from pending developments. There are currently no pending developments in the area and Cumulative No Project trips are the same as Background No Project trips.

Scenario 5: *Cumulative Plus Project Conditions* – Scenario 4 volumes plus traffic generated by both the Project-level and Program-level components (i.e., hospital plus medical office building)

Report Organization

This report is divided into seven additional chapters as described below:

- **Chapter 2 – Analysis Methods and Deficiency Criteria** presents the analysis methods for study intersections.
- **Chapter 3 – Existing Conditions** describes the transportation system near the Project site, including the surrounding roadway network, morning and evening peak hour turning movement volumes at the study intersections, existing bicycle, pedestrian, and transit facilities, intersection queuing analysis, and field observations.
- **Chapter 4 – Background No Project Conditions** presents the intersection operations and queuing without the Project under Background Conditions.
- **Chapter 5 – Project Traffic Estimates** describes the Project trip generation, trip distribution, and assignment methods for the study intersections.
- **Chapter 6 – Background Plus Project Conditions** presents the intersection operations and queuing with the Project under Background Conditions.
- **Chapter 7 – Cumulative Conditions** presents the intersection operations and queuing with and without the Project under Cumulative Conditions.
- **Chapter 8 – Multimodal Access and On-Site Circulation** describes Project access and circulation for all travel modes.
- **Chapter 9 – Transportation Deficiencies and Improvements** presents the transportation effects of the Project based on the deficiency criteria and identifies improvements to address Project caused deficiencies in the study area.

2. Analysis Methods and Deficiency Criteria

The analysis methods used to evaluate intersection operations are described in this chapter. The determination of acceptable operating conditions is based on policies, regulations, goals, and guidelines defined by the City of San José. The operational thresholds are also presented in this chapter.

Analysis Methods and Thresholds

Signalized Intersections Level of Service and Queuing Analysis

The operations of roadway facilities are described with the term level of service (LOS), a qualitative description of vehicular traffic flow based on factors such as speed, travel time, delay, and freedom to maneuver. Six levels are defined from LOS A, which reflects free-flow conditions where there is very little interaction between vehicles, to LOS F, where the vehicle demand exceeds the capacity and high levels of vehicle delay result. LOS E represents "at-capacity" operations. When traffic volumes exceed the capacity at a signalized intersection, vehicles may wait through multiple signal cycles before traveling through the intersection; these operations are designated as LOS F. Examples of the various levels of service for a signalized intersection are illustrated on **Figure 2-1**.

The method described in Chapter 16 of the 2000 *Highway Capacity Manual* (HCM) (Transportation Research Board) was used to prepare study intersection LOS calculations. This level of service method, which is approved by San José and the VTA, analyzes a signalized intersection's operation based on average control delay per vehicle. Control delay includes the initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. The average control delay is calculated using TRAFFIX 8.0 analysis software and is correlated to a LOS designation as shown in **Table 2-1**.

Table 2-1: Signalized Intersection Level of Service Definitions

Level of Service	Description	Average Control Delay per Vehicle (seconds)
A	Operations with very low delay occurring with favorable progression and / or short cycle lengths.	≤ 10.0
B+ B B-	Operations with low delay occurring with good progression and / or short cycle lengths.	10.1 to 12.1 12.1 to 18.0 18.0 to 20.0
C+ C C-	Operations with average delays resulting from fair progression and / or longer cycle lengths. Individual cycle failures begin to appear.	20.1 to 23.0 23.1 to 32.0 32.0 to 35.0
D+ D D-	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, and high volume-to-capacity (V / C) ratios. Many vehicles stop and individual cycle failures are noticeable.	35.1 to 39.0 39.1 to 51.0 51.1 to 55.0
E+ E E-	Operations with high delay values indicating poor progression, long cycle lengths, and high V / C ratios. Individual cycle failures are frequent occurrences.	55.1 to 60.0 60.1 to 75.0 75.1 to 80.0
F	Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.	> 80.0

Source: *Traffic Level of Service Analysis Guidelines*, VTA Congestion Management Program, June 2003; and *Highway Capacity Manual*, Transportation Research Board, 2000.

The queuing analysis assesses the available storage length of pockets and compares that to the projected queue length. Queuing analysis is conducted for movements where a) the movement has storage pockets, and b) the Project adds more than 10 peak hour trips to the movement. Queuing analysis for signalized intersections is performed for the following intersection movements using TRAFFIX analysis software:

- Cottle Road / Palmia Drive-Hospital Parkway
  - Southbound left movement
  - Westbound right movement

- Cottle Road / Santa Teresa Boulevard
  - Southbound left movement

- Camino Verde Drive/Santa Teresa Boulevard
  - Southbound left movement
  - Southbound right movement
  - Eastbound left movement

Since TRAFFIX does not report 95th percentile queues for stop-controlled intersections, queuing analysis for stop-controlled intersections is performed for the following intersection movements using Synchro analysis software:

- Camino Verde Drive/International Circle

  Northbound left movement

Unsignalized Intersections Level of Service and Queuing Analysis

The operations of the unsignalized intersections were evaluated using the method contained in Chapter 17 of the *2000 Highway Capacity Manual* (HCM) (Transportation Research Board). LOS ratings for stop-sign controlled intersections are based on the average control delay expressed in seconds per vehicle. For approaches composed of a single lane, the control delay is computed as the average of all movements in that lane. **Table 2-2** summarizes the relationship between delay and LOS for unsignalized intersections.

Table 2-2: Unsignalized Intersection Level of Service Definitions

Level of Service	Description	Average Delay per Vehicle (seconds)
A	Little or no delay.	≤ 10.0
B	Short traffic delays.	10.1 to 15.0
C	Average traffic delays.	15.1 to 25.0
D	Long traffic delays.	25.1 to 35.0
E	Very long traffic delays.	35.1 to 50.0
F	Extreme traffic delays with intersection capacity exceeded.	> 50.0

Source: *Traffic Level of Service Analysis Guidelines,* October 2014; VTA Congesting Management Programs, June 2003; *Highway Capacity Manual*, Transportation Research Board, 2000.

For unsignalized intersections, queuing analysis is conducted using the method described in *HCM 6th Edition* using Synchro analysis software. Using the intersection delay, 95th percentile queues are determined for each movement.

Intersection Operation: Free Flow

Degree of Delay: Negligible Delays

Intersection Operation: Less Stable Flow

Degree of Delay: Long Delays

Intersection Operation: Stable Flow

Degree of Delay: Minimal Delays

Intersection Operation: Unstable Flow

Degree of Delay: Substantial Delays Can Occur

Intersection Operation: Stable Flow

Degree of Delay: Moderate Delays

Intersection Operation: Unpredictable Flow/Wait Through Multiple Cycles

Degree of Delay: Excessive Delays Can Occur

Figure 2-1

Signalized Intersection Level of Service Examples

Deficiency Criteria

The determination of deficiencies in the transportation network is based on applicable policies, regulations, goals, and guidelines defined by the City of San José and the Santa Clara Valley Transportation Authority (VTA).

Intersection Level of Service

Signalized Intersection

The deficiency criteria used to determine effects on signalized intersections are based on City of San José level of service standards. San José's minimum threshold for acceptable signalized intersection operations is LOS D, unless governed by an Area Development Policy. For CMP intersections under VTA's jurisdiction, the minimum threshold for acceptable intersection operations is LOS E.

An adverse effect on intersection operations occurs when the analysis demonstrates that a project would cause the operations standard at a study intersection to fall below the established LOS standard (LOS D for City intersections and LOS E for CMP intersections) with the addition of project vehicle trips relative to baseline conditions. For intersections already operating unacceptably (LOS E or LOS F for City intersections and LOS F for CMP intersections) under baseline conditions, an adverse effect is defined by the following:

- An increase in average critical delay by 4.0 seconds or more and an increase in the critical V/C ratio of 0.010 or more; or
- A decrease in average critical delay and an increase in critical V/C ratio of 0.010 or more.

Unsignalized Intersection

An LOS analysis for unsignalized intersections is traditionally performed to determine the need to modify the intersection control type (e.g., all-way stop, signal). The City of San José does not have an adopted LOS standard for unsignalized intersections. Therefore, for the purposes of this analysis, a standard of LOS D or better is considered acceptable. All unsignalized intersections are within the City of San José; none of the unsignalized study intersections are CMP intersections.

If an unsignalized intersection is significantly impacted by the additional of Project-generated traffic, then a signal warrant analysis may be needed. Signal warrant studies are performed to determine the need for installation of a traffic signal at an intersection are based on those included in the *Manual on Uniform Traffic Control Devices* (MUTCD).

Queuing Analysis

Queuing analysis was performed to identify where Project traffic would increase vehicle queuing such that available storage capacity is exceeded. Queuing deficiencies are identified if the 95th percentile queue length exceeds the available storage length for movements with storage pockets. Storage length is defined as the length from the stop bar to the point where queueing would interfere with traffic flow in adjacent lanes for other movements on a per lane basis.

Pedestrian and Bicycle

The existing *Envision San José 2040 General Plan* describes related policies necessary to ensure pedestrian and bicycle facilities are safe and effective for City residents. Using both the General Plan and the City's *Handbook* as guides, significant deficiencies to these facilities would occur if a Project or an element of the Project meet the criteria below:

- Substantially increases hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); or
- Conflicts with a plan, ordinance, or policy addressing the circulation system, including bicycle lanes and pedestrian paths.

Transit

Significant deficiencies to transit service would occur if the Project or any part of the Project conflicts with a plan, ordinance, or policy addressing the circulation system, including transit paths.

3. Existing Conditions

This chapter describes the Existing Conditions of the roadways, pedestrian and bicycle facilities, and transit service near the Project site. It also presents existing traffic volumes and operations for the study intersections.

Existing Street System

State Route 85 (SR 85) provides regional access to the Project site. Cottle Road, Santa Teresa Boulevard, Hospital Parkway, Camino Verde Drive, and International Circle, along with other nearby roadways, provide local site access. Each facility is described below in more detail.

State Route 85 is an east-west freeway located north of the Project site with three travel lanes in each direction. One travel lane in each direction is designated as a high-occupancy vehicle (HOV) lane, in effect from 5:00–9:00 AM and 3:00–7:00 PM, Monday through Friday. SR 85 extends between US 101 to the east and west, and intersects with SR 17, I-280, and SR 87. Access to the Project site from SR 85 is provided via Cottle Road.

Cottle Road is a north-south roadway located west of the Project site with three travel lanes in each direction from its intersection with Santa Teresa Boulevard and north toward Monterey Highway. South of Santa Teresa Boulevard, Cottle Road transitions to one travel lane in each direction. Class II bike lanes are provided on both sides of the street north of Santa Teresa Boulevard. Cottle Road connects Monterey Highway to the north and Lovely Creek Court to the south. Two southbound left-turn pockets are provided along some blocks near the Project site. The posted speed limit is 35 mph.

Santa Teresa Boulevard is an east-west roadway located south of the Project site with two to three travel lanes in each direction. Santa Teresa Boulevard connects SR 87 ramps to the west and Scheller Avenue to the east, where it becomes Hale Avenue. Class II bike lanes are provided on both sides of the street near the Project site. The posted speed limit is 45 mph.

Hospital Parkway is an east-west roadway with two travel lanes in each direction. Hospital Parkway runs from the hospital drop-off area to the east and Cottle Road to the west, where it becomes Palmia Drive. It is directly adjacent to the Project site and provides direct access to the Project site. Vehicles traveling eastbound on Hospital Parkway can make a U-turn at the hospital drop-off area and then exit in the westbound direction. Parking garages are provided north of Hospital Parkway. The posted speed limit is 25 mph.

Camino Verde Drive is a north-south roadway with two travel lanes in each direction. Camino Verde Drive connects International Circle to the north and Manila Drive to the south. It is directly adjacent to the Project site and provides direct access to the Project site via International Circle. Intersections along Camino Verde Drive are unsignalized, except for Santa Teresa Boulevard / Camino Verde Drive intersection. The posted speed limit is 25 mph.

International Circle is a two-way two-lane roadway that surrounds the Project site. It is directly adjacent to the Project site and connects to Liska Lane to the east, Hospital Parkway to the west, Camino Verde Drive to the south, and nearby parking garages. On-street parking is permitted on the southeast side of International Circle. The posted speed limit is 20 mph.

Beswick Drive/Raleigh Road is an east-west roadway that is located north of the Project site with two travel lanes in each direction. It runs parallel to SR 85 and connects to Great Oaks Boulevard to the east and Blossom Hill Road to the west, where it becomes Desert Sands Way. A two-way left-turn lane is provided along Raleigh Road between Autumn Meadow Drive and 400 feet east of Avenue One Drive. The posted speed limit on Beswick Drive is 35 mph, and the posted speed limit on Raleigh Road is 30 mph.

Existing Truck Routes

The City of San José does not have established truck routes; however, the City's *Municipal Code* Chapter 11.96 defines which streets have large vehicle prohibitions. Large vehicles are allowed on all streets adjacent to the Project site.

Existing Pedestrian Facilities

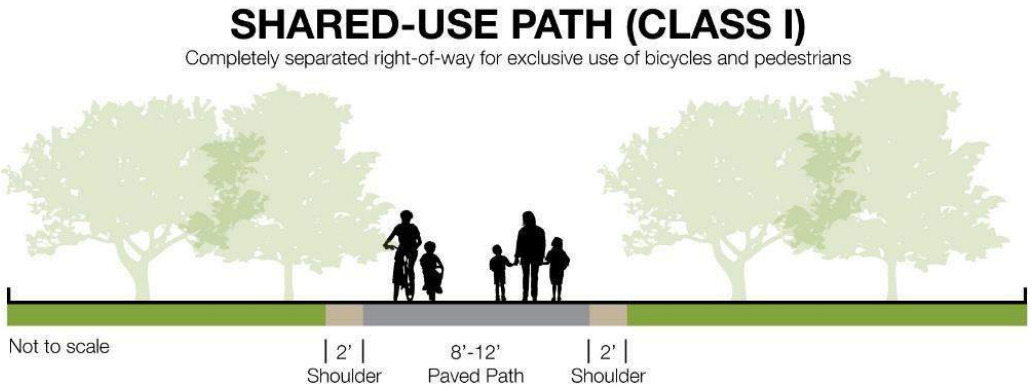
Pedestrian facilities are comprised of sidewalks and crosswalks. The streets adjacent to the Project site, including Cottle Road, Santa Teresa Boulevard, Hospital Parkway, Camino Verde Drive, and International Circle, have continuous sidewalks on both sides of the roadway.

All study intersections have standard crosswalks for all directions of travel. Standard crosswalks are also provided at the CMP intersections including Cottle Road / State Route 85 NB on- / off-ramp for the east and west legs of the intersection, and Cottle Road / State Route 85 SB off-ramp for all legs except the south leg. All study intersections provide curb ramps on approaches.

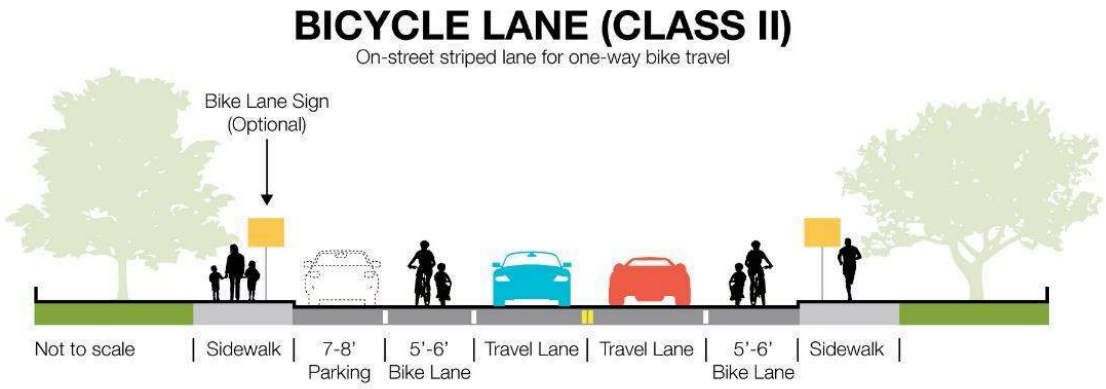
Existing Bicycle Network

The four classes of bicycle facilities in San José are described in the *Bike Plan 2025*. These descriptions are based on California Department of Transportation (Caltrans) classifications of bikeways from California Assembly Bill 1193 and the *Highway Design Manual* (Chapter 1000: Bikeway Planning and Design). Each bikeway class is intended to provide bicyclists with enhanced riding conditions. Bikeways offer various levels of separation from traffic based on traffic volume and speed, among other factors. The four bikeway types and appropriate contexts for each are presented below.

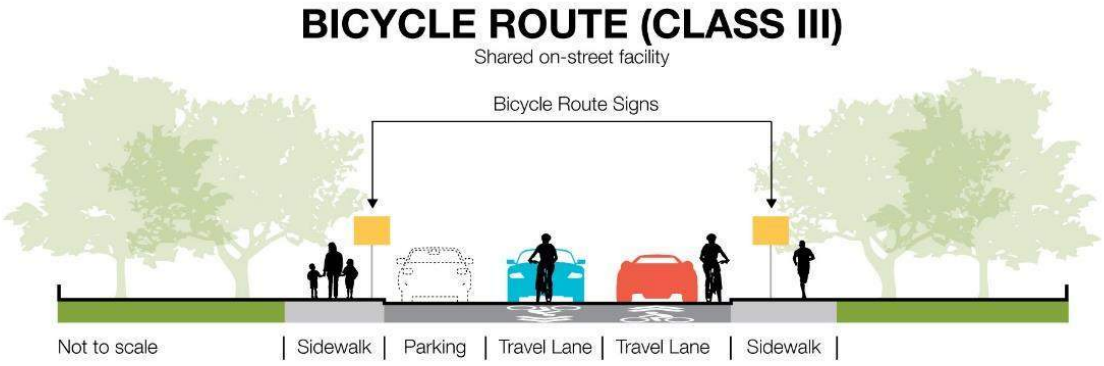
Class I Bikeways (Shared-Use Paths): Shared-use paths, sometimes referred to as multi-use paths, provide completely separate right-of-way and are designated for the exclusive use of bicyclists and pedestrians with minimal roadway crossings. In general, shared-use paths are along corridors not served by streets or where sufficient right-of-way exists to allow them to be constructed away from the influence of vehicles. Class I bikeways can also offer opportunities not provided by the road system by serving recreational areas and/or desirable commuter routes.



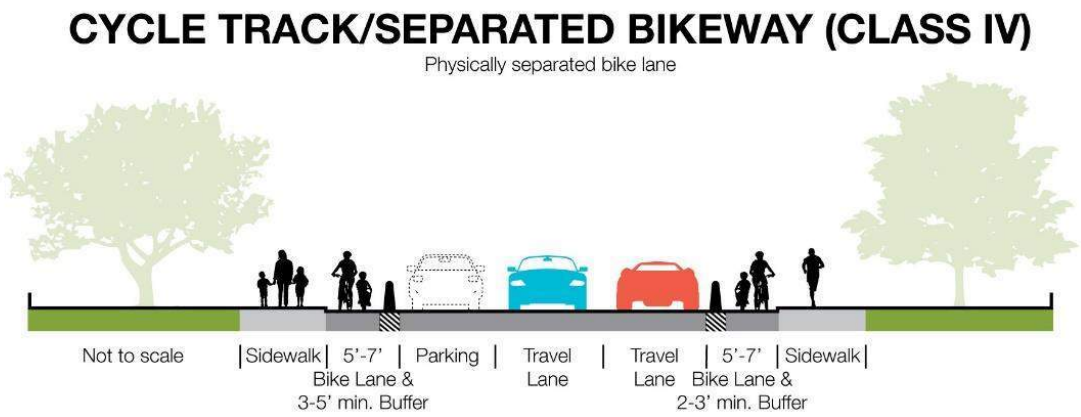
Class II Bikeways (On-Street Bike Lanes): Bike lanes provide a striped lane, pavement markings, and signage for one-way bike travel on a street or highway. Bicycle lanes are typically five feet wide, although wider lanes are desirable on roadways with high traffic volumes and/or high travel speeds. The *VTA Bicycle Technical Guidelines* (December 2012) recommends Caltrans bicycle lane dimension standards be used as a minimum and provides supplemental information and guidance on when and how to better accommodate the many types of bicyclists. Bike lanes may be enhanced with painted buffers between vehicle lanes and/or parking, and green paint at conflict zones (such as driveways or intersections).



Class III Bikeways (Bike Routes): Bike routes may be identified on a local residential or collector street when the travel lane is wide enough and the traffic volume is low enough to allow both cyclists and motor vehicles to share a lane and/or to provide continuity to a bikeway network. Shared-use arrows or "sharrows" are common striping treatments for bike routes.

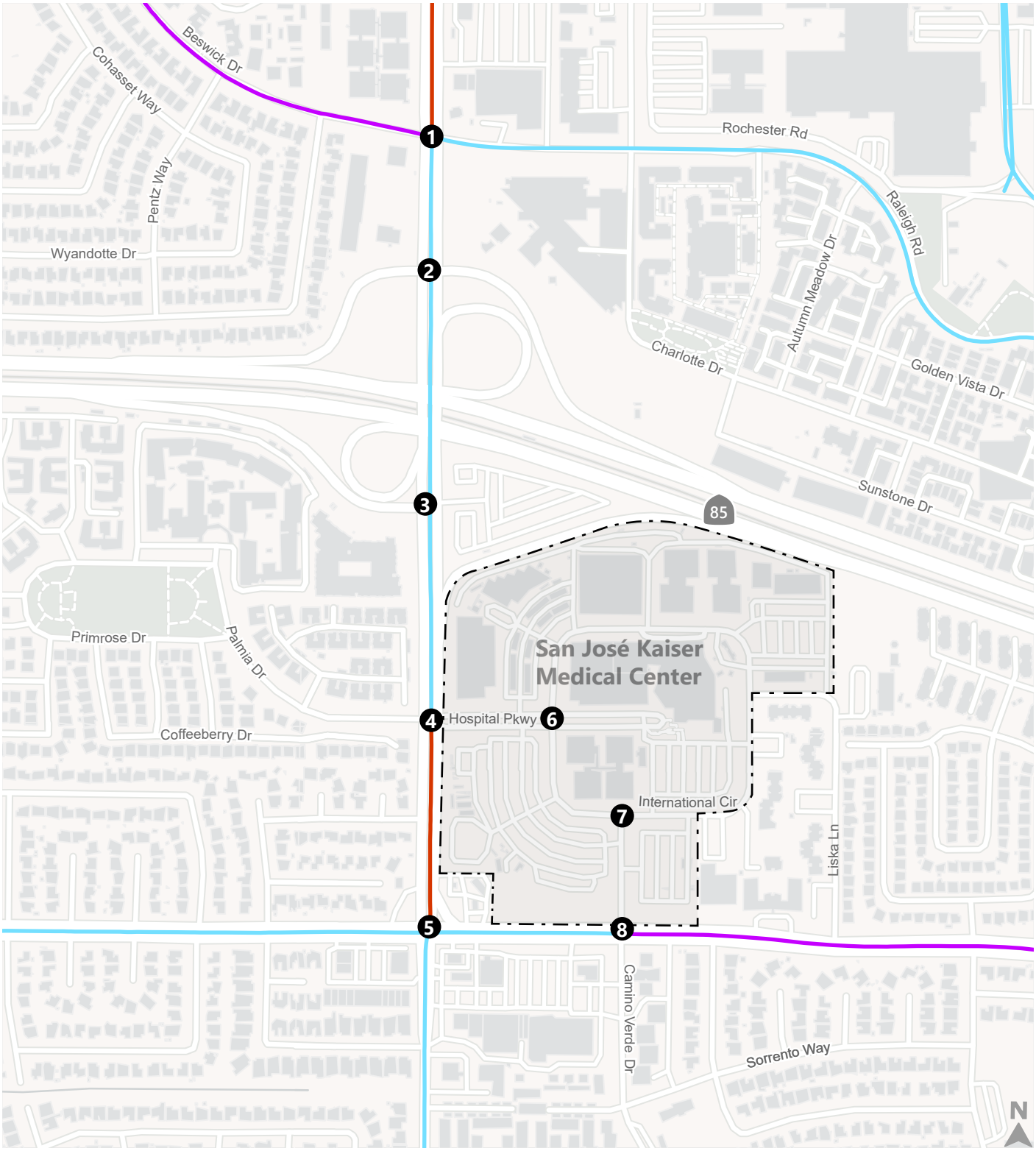


Class IV Bikeways (Separated Bikeway): Separated bikeways, also referred to as cycle tracks or protected bikeways, are bikeways for the exclusive use of bicycles which are physically separated from vehicle traffic. Separated bikeways were adopted by Caltrans in 2015. Types of separation may include, but are not limited to, grade separation, flexible posts, physical barriers, or on-street parking.



Under California Law, bicyclists are allowed to use all roadways in California unless posted otherwise. Therefore, even for roadways without designated (or planned) bikeways, a majority are open for cycling.

Near the Project site, Cottle Road and Santa Teresa Boulevard provide Class II biking facilities for both directions of travel. A Class II bike lane runs down both directions of Santa Teresa Boulevard with frequent separation from traffic by a four-foot painted buffer. A Class IV protected bike lane runs down the east side of Cottle Road in the northbound direction between Hospital Parkway and Santa Teresa Boulevard. **Figure 3-1** displays these facilities. The *San José Better Bike Plan 2025* includes several bicycle facility improvements for road segments near the Project site. A Class II bike lane is proposed on Hospital Parkway and International Circle. A Class III bike boulevard where bikes are given priority is proposed on Palmia Drive to connect Hospital Parkway and Calero Avenue. Class IV protected bike lanes are proposed on Cottle Road and Santa Teresa Boulevard to replace the existing Class II bike lanes.



Project Location

Study Intersection

Class II: Bike Lane

Class II: Bike Lane (with buffer)

Class IV: Protected Bike Lane

Figure 3-1

Existing Bikeway Facilities

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Existing Transit Service

Bus and light rail services in San José are operated by the VTA. **Table 3-1** describes all active transit services for the Project, including the route start and end points, operating hours, and peak headways as reported on the VTA website in August 2023.

VTA currently runs bus routes 27 and 66 through the Medical Center. They travel counterclockwise through the site and enter and exit at the Santa Teresa Boulevard and Camino Verde intersection. Route 27 travels north/south on Cottle Road, while Route 66 travels west/east on Santa Teresa Boulevard. VTA also operates bus route 68 and Express 102 adjacent to the Medical Center on Santa Teresa Boulevard, while route 68 also travels north/south on Cottle Road. Bus stop locations that directly service the Medical Center are summarized below:

- Two bus stops inside the Medical Center for northbound Routes 27 and 66:
  - one unsheltered stop near the library parking lot just east of proposed parking garage, and
  - one unsheltered stop at the northern end of International Circle.

- Five bus stops adjacent to the Medical Center on Santa Teresa Boulevard:
  - one sheltered stop west of Cottle Road for westbound Routes 66 and Express 102,
  - two sheltered stops between Cottle Road and Camino Verde Drive for westbound and eastbound Routes 66, 68, and Express 102, and
  - two unsheltered stops east of Camino Verde Drive for westbound and eastbound Routes 68 and Express 102.

- Five bus stops adjacent to the Medical Center on Cottle Road for routes 27 and 68:
  - one unsheltered stop south of SR 85 for southbound Routes 27 and 68,
  - one sheltered stop south of SR 85 for northbound Routes 27 and 68,
  - two sheltered stops between SR 85 and Beswick Drive/Raleigh Road for northbound and southbound Routes 27 and 68, and
  - one unsheltered stop north of Beswick Drive/ Raleigh Road for southbound Routes 27 and 68.

The VTA Blue Line operates along State Route 85, with Cottle Station directly adjacent to the Medical Center. The bus routes, bus stops, light rail transit (LRT) lines, and LRT station are illustrated on **Figure 3-2**.

Table 3-1: Existing Transit Service

Route[1]	From	To	Weekdays		Saturdays		Sundays	
			Operating Hours	Peak Headway[2] (minutes)	Operating Hours	Headway[2] (minutes)	Operating Hours	Headway[2] (minutes)
VTA Bus Service								
27	Winchester Station	Kaiser San José via Downtown Los Gatos	5:10 AM – 9:20 PM	30	8:00 AM – 7:45 PM	40	9:10 AM – 6:20 PM	60
66	North Milpitas	Kaiser San José	4:45 AM – 12:30 AM	15	5:15 AM – 12:30 AM	20	5:25 AM – 12:15 AM	20
68	San José Diridon Station	Gilroy Transit Center	4:15 AM – 1:20 AM	15	5:20 AM – 1:30 AM	20	5:20 AM – 1:30 AM	20
Express 102	South San José	Stanford Research Park	5:45 AM – 9:10 AM; 3:20 PM – 6:45 PM	30	N/A	N/A	N/A	N/A
VTA Light Rail								
Blue	Santa Teresa Station	Baypointe Station	4:30 AM – 1:15 AM	15	5:00 AM – 1:15 AM	30	5:00 AM – 1:15 AM	30

Notes:
1. Weekday and weekend service as of August 2023.
2. Headways are defined as the time between transit vehicles on the same route.

Sources: VTA, 2023.

Project Location

VTA Blue Line

VTA Express Service

VTA Frequent Service

VTA Local Service

VTA Bus Stop

VTA Lightrail Stop

Figure 3-2

Existing Transit Services

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Existing Intersection Level of Service and Vehicle Queuing

Existing intersection lane configurations, traffic controls, and peak hour traffic counts, as shown on **Figure 3-3**, were used to calculate level of service and vehicle queuing at the study intersections during the AM and PM peak hours. The Existing Conditions intersection analysis results are shown in **Table 3-2**.

Intersection Level of Service

Existing intersection lane configurations, signal timings, and peak hour turning movement volumes were used to calculate vehicle queuing at the study intersections during the AM and PM peak hours. Traffic counts for the study intersections were collected in June 2023 before area schools entered summer break and are presented in **Appendix A**. The results of the LOS analysis for Existing Conditions are presented in **Table 3-2**. The technical calculations are shown in **Appendix C**. The results indicate that all study intersections operate at acceptable service levels (generally LOS D or better for City of San José intersections, and LOS E or better for CMP intersections) during the AM and PM peak hours.

Table 3-2: Existing Intersection Level of Service

#	Intersection	Control[1]	Jurisdiction (LOS Standard)[2]	Peak Hour[3]	Existing	
					Delay[4]	LOS[5]
1	Cottle Road / Beswick Drive	Signal	San José (D)	AM	43.0	D
				PM	39.0	D+
2	Cottle Road / State Route 85 NB On- / Off-Ramp	Signal	CMP (E)	AM	21.9	C+
				PM	10.0	A
3	Cottle Road / State Route 85 SB Off-Ramp	Signal	CMP (E)	AM	29.6	C
				PM	31.6	C
4	Cottle Road / Palmia Drive-Hospital Parkway	Signal	San José (D)	AM	43.5	D
				PM	48.2	D
5	Cottle Road / Santa Teresa Boulevard	Signal	CMP (E)	AM	33.0	C-
				PM	36.6	D+
6	Hospital Parkway / International Circle	ASWC	San José (D)	AM	18.9	C
				PM	14.9	B
7	Camino Verde Drive / International Circle	ASWC	San José (D)	AM	8.1	A
				PM	8.9	A
8	Santa Teresa Boulevard / Camino Verde Drive	Signal	San José (D)	AM	23.3	C
				PM	27.7	C

Notes:
1. Signal = signalized intersection, ASWC = all-way stop-controlled intersection.
2. Intersection jurisdiction and associated LOS threshold applied.
3. AM = morning peak hour, PM = evening peak hour.
4. Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 *Highway Capacity Manual*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections and all-way stop-controlled intersections.

5. LOS = Level of Service. LOS calculations were conducted using the TRAFFIX analysis software packages, which apply the methods described in the 2000 *Highway Capacity Manual*.
6. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Intersection Turning Movement Queuing

A queuing analysis was prepared to evaluate the signalized intersection operations under Existing Conditions. The results of the queuing analysis for signalized intersections are presented in **Table 3-3**. The results indicate that ten movements have queues that exceed the available storage length during peak hours under Existing Conditions. The intersections, movements, and affected peak hours are:

- Cottle Road / Palmia Drive-Hospital Parkway
  - Southbound left movement during AM and PM peak hour
  - Westbound right movement during AM and PM peak hour

- Cottle Road / Santa Teresa Boulevard
  - Southbound left movement during PM peak hour

- Camino Verde Drive/Santa Teresa Boulevard
  - Southbound left movement during PM peak hour
  - Southbound right movement during PM peak hour

Table 3-3: Existing Turning Movement Queueing Analysis – Signalized Intersections

Study Intersection	Name	Movement	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length[3] (feet)
					Existing
4	Cottle Road / Palmia Drive-Hospital Parkway	SBL*	290	AM	**850**
				PM	**400**
		WBR	350	AM	**525**
				PM	**1025**
5	Cottle Road / Santa Teresa Boulevard	SBL*	280	AM	275
				PM	**325**
8	Camino Verde Drive/Santa Teresa Boulevard	SBL	70	AM	25
				PM	**150**
		SBR	100	AM	25
				PM	**275**
		EBL	165	AM	125
				PM	100

Notes: * indicates movement with two turning pockets, and available storage length and projected queue are reported in ft per lane.
Bold text indicates vehicle queuing exceeds available storage capacity.
1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.

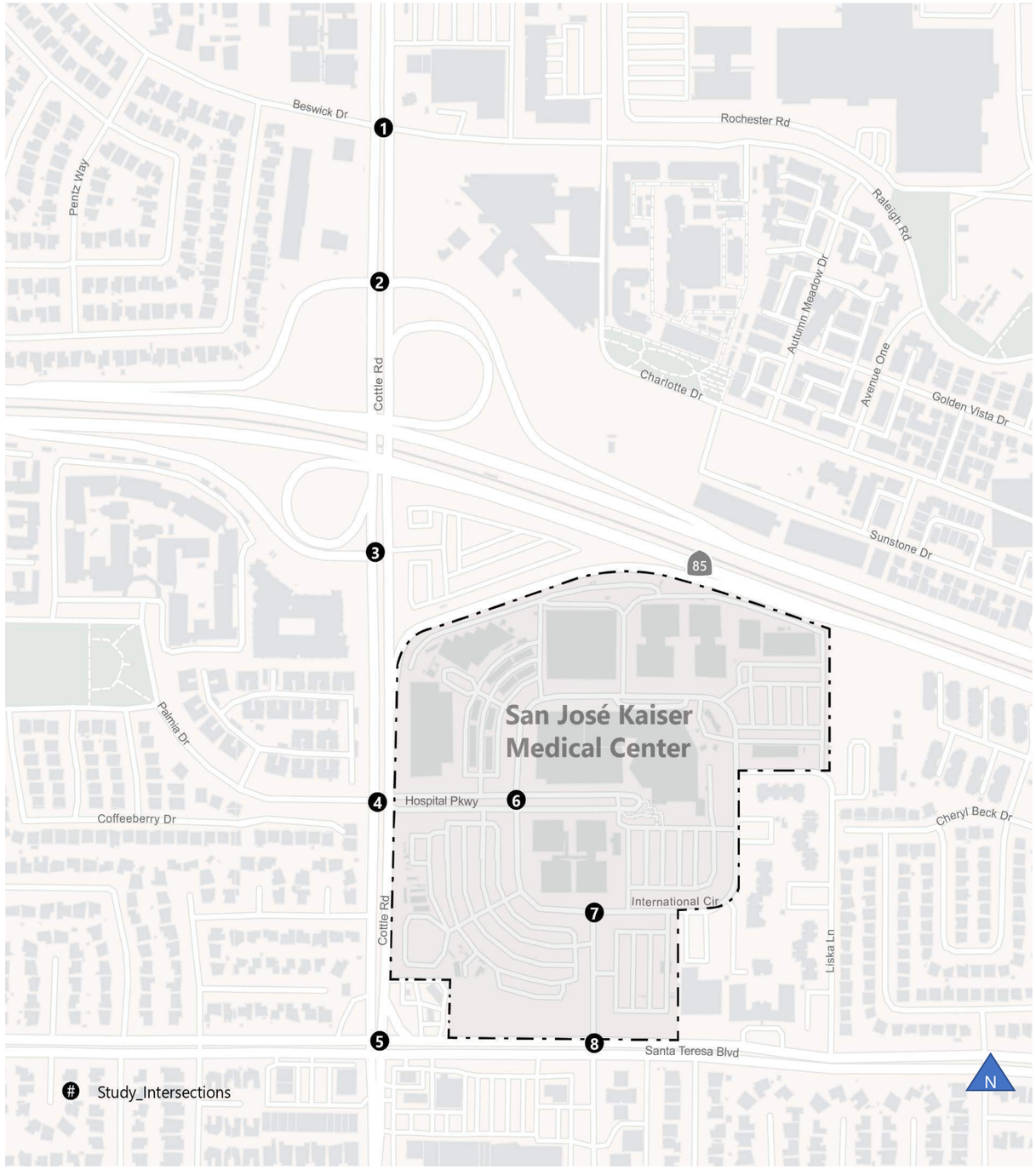
4. Intersection evaluated using HCM 6 methodology.
Source: Fehr & Peers, 2023.

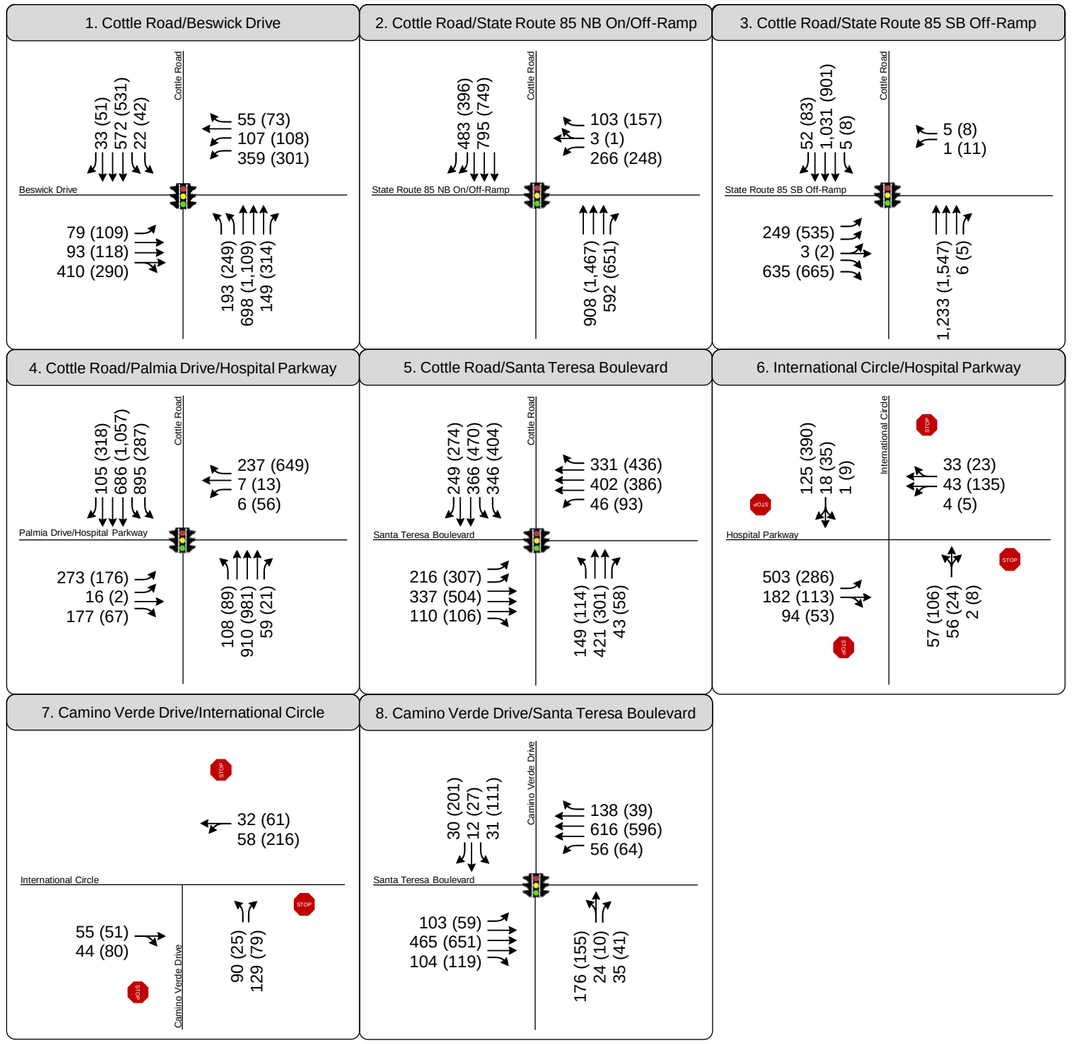
A queuing analysis was prepared to evaluate the all-way stop control (AWSC) intersection operations under Existing Conditions. The results of the queuing analysis for AWSC intersections are shown in **Appendix D** and presented in **Table 3-3**. The results indicate that none of the movements, except for the eastbound left movement at the Hospital Parkway/ International Circle intersection during AM peak hour, form queues that exceed the available storage length during peak hours under Existing Conditions.

Table 3-4: Existing Turning Movement Queueing Analysis – AWSC Intersections

Study Intersection	Name	Movement	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length[3] (feet)
					Existing
6	Hospital Parkway/ International Circle	EBL	180	AM	**300**
				PM	100
		EBT/R	395	AM	50
				PM	50
7	Camino Verde Drive/International Circle	NBL	100	AM	25
				PM	0

Notes:
Bold text indicates vehicle queuing exceeds available storage capacity
1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 6 methodology.
Source: Fehr & Peers, 2023.





LEGEND

#	Study Intersection
AM (PM)	Peak Hour Traffic Volume
	Lane Configuration
STOP	Stop Sign
	Signalized

Figure 3-3

Existing Lane Configuration, Traffic Control, and Peak Hour Traffic Volume

Field Observations

Field observations were conducted on November 9, 2022, and June 6, 2023, to verify LOS calculations and observe overall transportation characteristics at the study intersections, including existing lane geometries, signal controls, bicycle facilities, pedestrian facilities, and transit facilities near the Project site. Intersection operations, including intersection delay, queue lengths, and signal timing parameters, were used to verify the LOS calculations shown in **Table 3-2.** Field observations were consistent with LOS calculation results. Below is a summary of key observations in the study area.

Off-Site Field Observations

Off-site field observations were conducted during the morning (7:00–9:00 AM) and evening (4:00–6:00 PM) peak commute periods at the Santa Teresa Boulevard/Cottle Road intersection as well as the Medical Center access intersections on Santa Teresa Boulevard and Cottle Road.

Congestion during commute hours primarily occurs along Cottle Road between Santa Teresa Boulevard and SR 85. General commuters and Kaiser employees have reverse commute patterns, where commuters travel toward SR 85 and Kaiser employees approach from SR 85 in the morning peak hour, and the reverse in the PM peak hour. Most of the congestion is centered around the Cottle Road/Hospital Parkway intersection.

On-Site Field Observations

On-site field observations were conducted between 8:00–10:00 AM in the morning and 3:30–5:30 PM in the evening at the Hospital Parkway/International Circle and International Circle/Camino Verde Drive intersections. The on-site field observations were focused on circulation constraints, general parking utilization, and other observations that may affect the proposed Project.

The two intersections are all-way stop-controlled. Hospital Parkway/International Circle is busy with vehicles traveling and pedestrians walking from the surrounding parking areas to medical buildings during commute hours. In the morning peak hours, the eastbound left-turn lane on Hospital Parkway would consistently back up to the Cottle Road intersection. In the evening peak hours, the reverse movement was most congested at the Hospital Parkway/International Circle intersection. The International Circle/Camino Verde Drive intersection generally has little congestion during either morning or afternoon.

Parking

Observations focused on utilization of the surface parking lot south of Hospital Parkway and east/west of Camino Verde Drive. The parking lot south of Hospital Parkway and west of Camino Verde where the new hospital building would be constructed was well-utilized and mostly full by around 9:30 AM. The parking demand at this lot, which primarily accesses the lot from the direction of Hospital Parkway, would likely shift to the new parking garage proposed at the International Circle/Camino Verde intersection.

The parking lot on the southeast corner of the International Circle/Camino Verde intersection, where the new garage would be constructed, was only about 50% utilized. It is anticipated that the parking demand for this lot would remain at this location with the new parking garage.

4. Background No Project Conditions

This chapter presents the findings of the transportation analysis under Background Conditions. Background Conditions are defined as conditions just prior to completion and occupancy of the Project. Traffic volumes for Background Conditions are based on existing volumes plus traffic generated by approved but not yet constructed and/or occupied developments in the area.

Background No Project Roadway Infrastructure Improvements

There are no fully funded transportation improvements within the study area that would affect the study intersections geometries; therefore, the intersection geometries are assumed to be the same as presented in Existing Conditions.

Background No Project Conditions Traffic Volumes

Traffic volumes for Background Conditions include traffic generated by development projects under construction or approved, but not yet constructed, within proximity of the Project. Information about these development projects was obtained from the planning department of the City of San José.

Traffic estimates for the development projects that would add traffic to the study intersections were obtained from the City of San José's Approved Trip Inventory (ATI) TRAFFIX model. Vehicle trips for each of the background projects were then assigned to the roadway network based on the ATI intersection assignment. **Appendix B** shows the detailed trip generation data as received from the City's ATI.

Background No Project Level of Service

Background Conditions intersection lane configurations, traffic controls, and peak hour traffic counts, as shown on **Figure 4-1**, were used to calculate level of service and vehicle queuing at the study intersections during the AM and PM peak hours. The results of the Background Conditions LOS analysis are shown in **Table 4-1.**

Table 4-1: Background No Project Conditions Intersection Level of Service

#	Intersection	Control[1]	Jurisdiction (LOS Standard)[2]	Peak Hour[3]	Background No Project Conditions	
					Delay[4]	LOS[5]
1	Cottle Road / Beswick Drive	Signal	San José (D)	AM	47.7	D
				PM	44.3	D
2	Cottle Road / State Route 85 NB On- / Off-Ramp	Signal	CMP (E)	AM	20.6	C+
				PM	9.8	A
3	Cottle Road / State Route 85 SB Off-Ramp	Signal	CMP (E)	AM	29.7	C
				PM	27.2	C
4	Cottle Road / Palmia Drive-Hospital Parkway	Signal	San José (D)	AM	43.4	D
				PM	48.2	D
5	Cottle Road / Santa Teresa Boulevard	Signal	CMP (E)	AM	34.7	C-
				PM	39.1	D
6	Hospital Parkway / International Circle	ASWC	San José (D)	AM	18.9	C
				PM	14.9	B
7	Camino Verde Drive / International Circle	ASWC	San José (D)	AM	8.1	A
				PM	8.9	A
8	Santa Teresa Boulevard / Camino Verde Drive	Signal	San José (D)	AM	16.5	B
				PM	20.7	C+

Notes:
1. Signal = signalized intersection, ASWC = all-way stop-controlled intersection.
2. Intersection jurisdiction and associated LOS threshold applied.
3. AM = morning peak hour, PM = evening peak hour.
4. Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 *Highway Capacity Manual*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections and all-way stop-controlled intersections.
5. LOS = Level of Service. LOS calculations were conducted using the TRAFFIX analysis software packages, which apply the methods described in the 2000 *Highway Capacity Manual*.
6. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Background No Project Turning Movement Queuing Analysis

A queuing analysis was prepared for signalized intersections under Background No Project Conditions using TRAFFIX analysis software. The results of the queuing analysis are presented in **Table 4-2** along with the comparison to the Existing Conditions. The addition of background trips causes queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity as summarized below:

- Cottle Road / Palmia Drive-Hospital Parkway
  - Southbound left movement during AM and PM peak hour

- Westbound right movement during AM and PM peak hour

- Cottle Road/Santa Teresa Boulevard
  - Northbound left movement during AM and PM peak hour
- Camino Verde Drive/Santa Teresa Boulevard
  - Southbound left movement during PM peak hour
  - Southbound right movement during PM peak hour

Table 4-2: Background Conditions Turning Movement Queueing Analysis – Signalized Intersections

Study Intersection #	Name	Movement	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length[3] (feet)	
					Existing	Background No Project
4	Cottle Road / Palmia Drive-Hospital Parkway	SBL*	290	AM	**850**	**875**
				PM	**400**	**425**
		WBR	350	AM	**525**	**550**
				PM	**1,025**	**1,050**
5	Cottle Road / Santa Teresa Boulevard	SBL*	280	AM	275	**500**
				PM	**325**	**450**
8	Camino Verde Drive/Santa Teresa Boulevard	SBL	70	AM	25	50
				PM	**150**	**175**
		SBR	100	AM	25	50
				PM	**275**	**350**
		EBL	165	AM	125	125
				PM	100	125

Notes: * indicates movement with two turning pockets, and available storage length and projected queue are reported in ft per lane.
Bold text indicates vehicle queuing exceeds available storage capacity.

1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

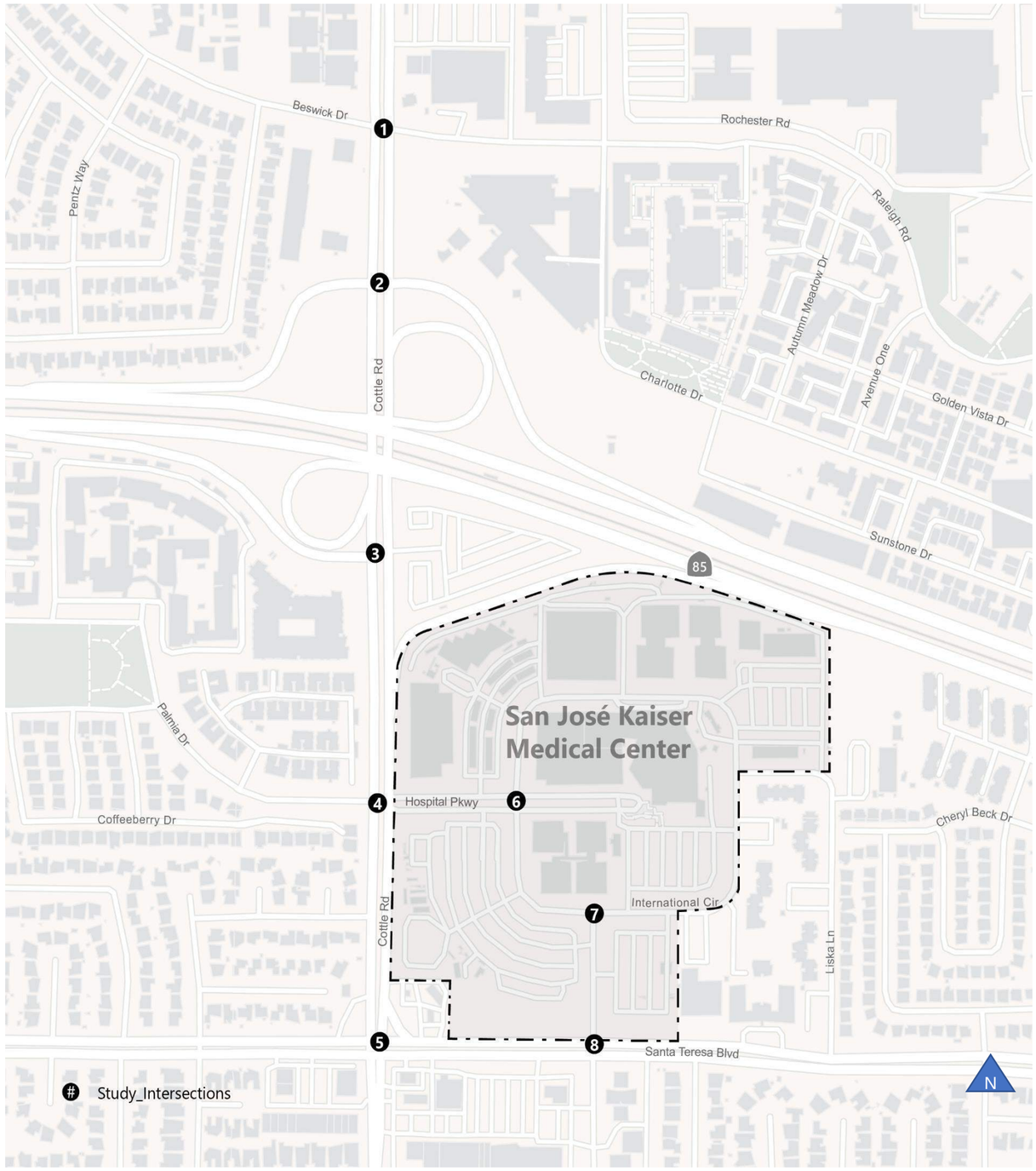
Since TRAFFIX does not report 95th percentile queues for stop-controlled intersections, a queuing analysis was prepared to evaluate all-way stop control (AWSC) intersection operations under Background No Project Conditions using Synchro analysis software. The results of the queuing analysis for AWSC intersections are shown in **Appendix D** and presented in **Table 3-3** along with the comparison to the Existing Conditions. The addition of background trips causes no queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity.

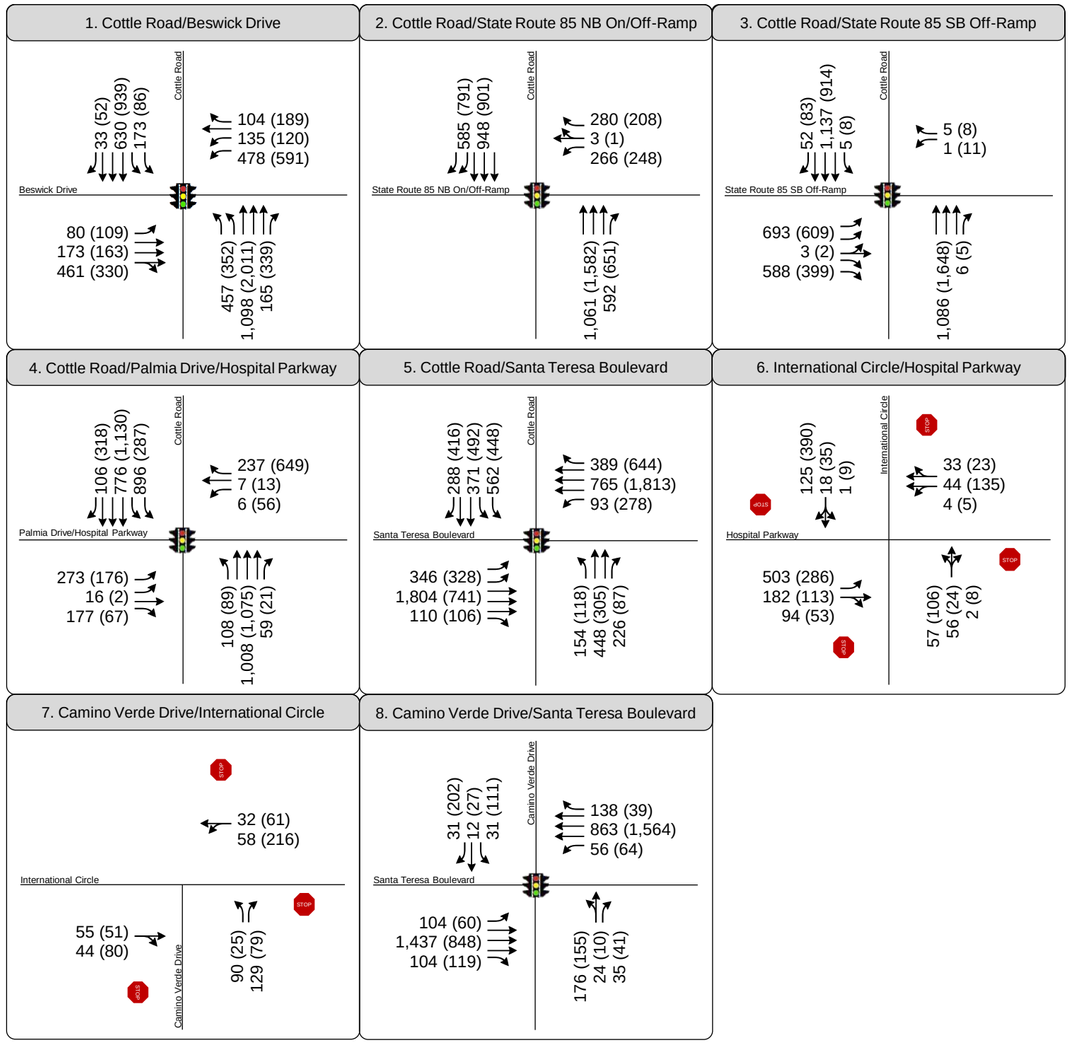
Table 4-3: Background Conditions Turning Movement Queueing Analysis – AWSC Intersections

Study Intersection #	Name	Movement	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length[3] (feet)	
					Existing	Background No Project
6	Hospital Parkway/ International Circle	EBL	180	AM	**300**	**300**
				PM	100	100
		EBT/R	395	AM	50	50
				PM	50	50
7	Camino Verde Drive/ International Circle	NBL	100	AM	25	25
				PM	0	0

Notes: **Bold** text indicates vehicle queuing exceeds available storage capacity.
1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 6 methodology.

Source: Fehr & Peers, 2023.





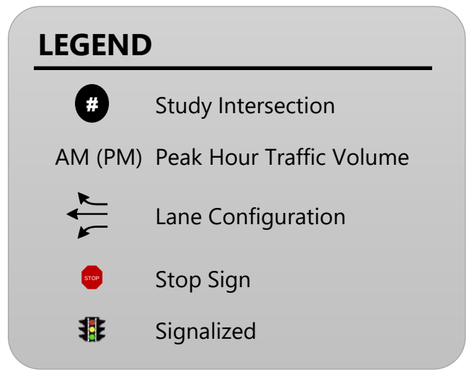


Figure 4-1

Background No Project Lane Configuration, Traffic Control, and Peak Hour Traffic Volumes

5. Project Traffic Estimates

This chapter presents estimates of traffic generated by the Project and identifies roadways and intersections affected by Project generated traffic. The amount of traffic associated with the Project was estimated using a three-step process:

1. **Trip Generation** – The amount of vehicle traffic entering/exiting the Project site is estimated.
2. **Trip Distribution** – The directions trips use to approach and depart the site are projected.
3. **Trip Assignment** – Trips are assigned to specific roadway segments and intersection turning movements.

The results of the process are described in the following sections.

Project Trip Generation

The number of vehicle trips generated by the proposed land uses was estimated using average vehicle trip rates from the Institute of Transportation Engineers (ITE) *Trip Generation Manual, 11th Edition* for Hospitals (ITE Code 610) and Medical Office Building (ITE Code 720) within/near hospital land uses. Consistent with the *Handbook*, trips for the existing uses[4] as well as location-based reduction for office/suburban reduction uses (5% for MOB uses) were subtracted from the proposed uses to develop net new trips.

The calculation of trip generation follows these steps: First, trips generated by proposed land uses are computed using average rates provided in *ITE Trip Generation Manual, 11th Edition*; then trips are subtracted for existing land uses to develop net new trips. According to the *Handbook*, however, the City only allows credit for existing land uses based on existing driveway counts. Since it is impossible to isolate trips associated with hospital only, the existing driveway count data represents the entire Medical Center. Therefore, trip generation calculation using ITE for the proposed land use also includes the entire Medical Center so the existing driveway counts could be subtracted.

Consistent with the *Handbook*, a location-based adjustment should be applied to certain place types and land use types. The MOB uses fall under the office/suburban category, requiring new trips to be adjusted to 95% of the original value. Therefore, a 5% reduction for MOB uses is applied in the Program-level trip generation calculations.

The proposed 35,000 square-foot energy center would not generate a substantial number of additional peak hour trips, since it is primarily intended to serve as accessory to the hospital; and therefore, peak hour trip estimates for the energy center are not included.

[4] As per the City requirements, credit for existing land use can only be applied with driveway count data. Existing driveway counts instead of ITE trip rates are used for existing trip credit.

The Project-level component is estimated to generate 5,144 net daily trips, 124 net AM peak hour trips (82 inbound and 42 outbound), and 244 net new PM peak hour trips (53 inbound and 191 outbound).

The Program-level component is estimated to generate 12,099 net daily trips, 709 net AM peak hour trips (556 inbound and 153 outbound), and 864 net new PM peak hour trips (209 inbound and 657 outbound).

Table 5-1: Project-Level Trip Generation

ITE Land Use (Code)	Size	Unit[1]	Daily		AM Peak Hour				PM Peak Hour			
			Rate[2]	Trips	Peak Hour Rate[2]	In	Out	Total	Peak Hour Rate[2]	In	Out	Total
Proposed Total Project-Level Land Uses												
Hospital (610) [A]	303	beds	22.32	6,763	1.79	390	152	542	1.69	169	343	512
Medical-Dental Office Building – Within/Near Hospital Medical Center (720) [B]	425	KSF	31.86	13,541	2.68	923	216	1,139	2.84	302	905	1,207
Proposed Gross New Project Trips [A + B]	**-**	**-**	**-**	**20,304**	**-**	**1,313**	**368**	**1,681**	**-**	**471**	**1,248**	**1,719**
Existing Land Uses[3]												
Existing Driveway Counts to Site [C]	425 KSF of MOB; 247 beds of hospital		-	15,160	-	1,231	326	1,557	-	418	1,057	1,475
Net New Project Trips [(A + B) – C]			**-**	**5,144**	**-**	**82**	**42**	**124**	**-**	**53**	**191**	**244**

Notes:
[1] KSF = one thousand square feet.
[2] Trips per KSF for MOB, trips per bed for hospital.
[3] Existing driveway counts were taken on June 6, 2023. As per the City requirements, credit for existing land use can only be applied with driveway count data. Existing driveway counts instead of ITE trip rates are used for existing trip credit.
Source: Fehr & Peers, 2023; *ITE Trip Generation Manual, 11th Edition*, 2021, average trip generation rates.

Table 5-2: Program-Level Trip Generation

ITE Land Use (Code)	Size	Unit[1]	Daily		AM Peak Hour				PM Peak Hour			
			Rate[2]	Trips	Peak Hour Rate[2]	In	Out	Total	Peak Hour Rate[2]	In	Out	Total
Proposed Total Program-Level Land Uses												
Hospital (610) [A]	303	beds	22.32	6,763	1.79	390	152	542	1.69	169	343	512
Medical-Dental Office Building – Within/Near Hospital Medical Center (720) [B]	425	KSF	31.86	13,541	2.68	923	216	1139	2.84	302	905	1207
Medical-Dental Office Building – Within/Near Hospital Medical Center (720) [C]	229.8	KSF	31.86	7,321	2.68	499	117	616	2.84	164	490	653
Proposed Gross New Project Trips [D = A + B + C]	-	-	-	27,625	-	1,812	484	2,296	-	634	1,861	2,370
Existing Land Uses[3]												
Existing Driveway Counts to Site [E]	425 KSF of MOB; 247 beds of hospital		-	15,160	-	1,231	326	1,557	-	418	1,057	1,475
Net New Program Trips without Reduction [F = D – E]			-	12,465	-	581	159	740	-	217	681	897
Medical Office Reduction [G=C * 5%]			-	366	-	25	6	31	-	8	25	33
Net New Program Trips with Reduction [F – G]			**-**	**12,099**	**-**	**556**	**153**	**709**	**-**	**209**	**657**	**864**

Notes:
[1] KSF = one thousand square feet.
[2] Trips per KSF for MOB, trips per bed for hospital.
[3] Existing driveway counts were taken on June 6, 2023. Consistent with the Handbook, trips for the existing uses as well as location-based reduction for office/suburban reduction uses (5% for MOB uses) were subtracted from the proposed uses to develop net new trips.
Source: Fehr & Peers, 2023; *ITE Trip Generation Manual, 11th Edition*, 2021, average trip generation rates.

Vehicle Trip Distribution

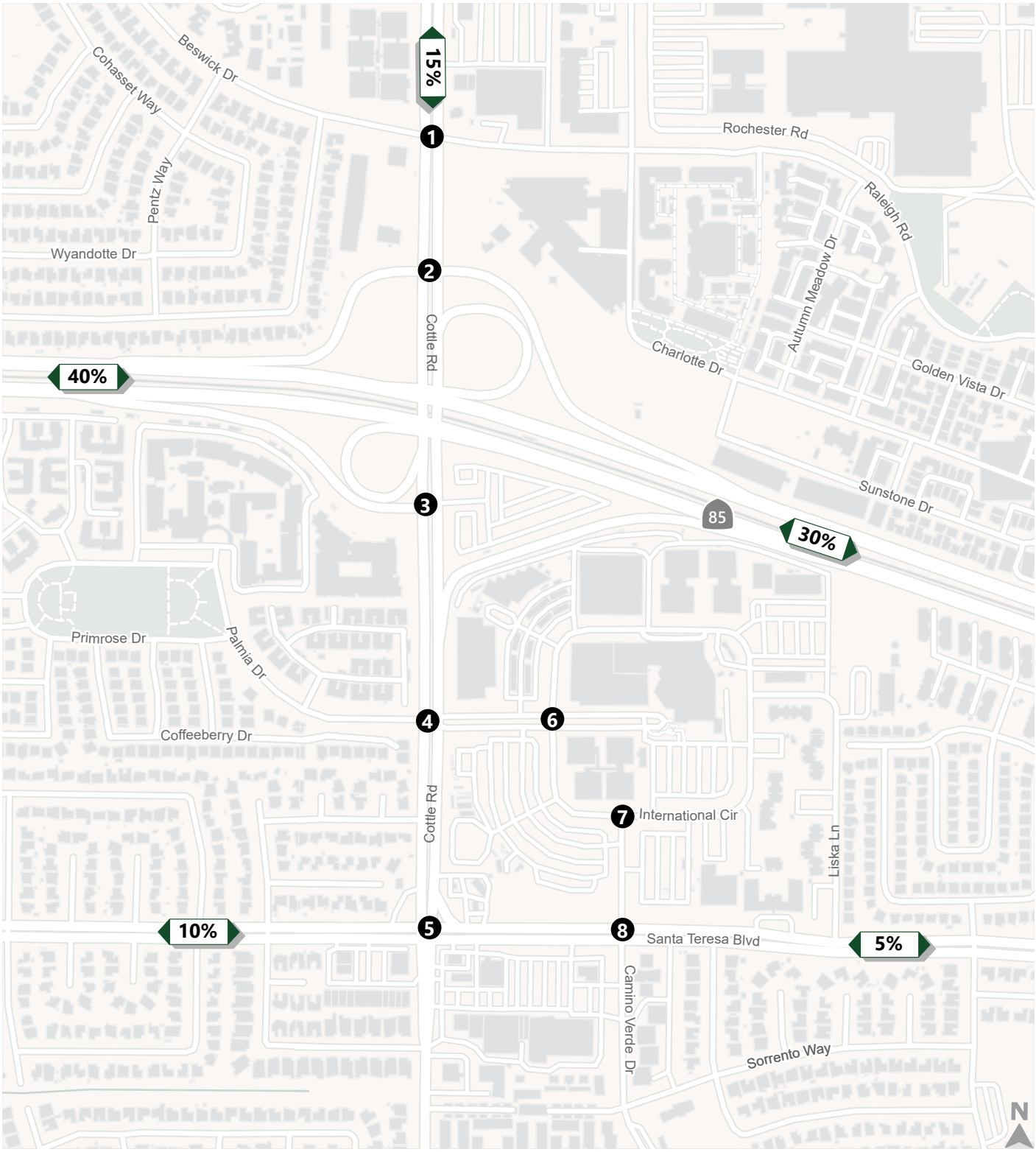
The directions of approach and departure of Project trips were based on locations of complementary land uses and existing travel patterns in the area. **Figure 5-1** shows the Project's trip distribution pattern for the local roadway network.

Vehicle Trip Assignment

The Project trips were assigned to the roadway system based on the directions of approach and departure shown in the trip distribution figure (**Figure 5-1**). **Figure 5-2** and **Figure 5-3** display the Project-Level and Program-Level trips assigned at each turning movement for the study intersection, respectively. **Figure 5-4** displays both Project-level and Program-level trip assignments at the two garage driveways (one on Camino Verde Drive and one on International Circle) and the two hospital driveways (inbound driveway at north and outbound driveway at south).

The Project-Level trip assignment was added to the Background Conditions volumes to represent Background Plus Project Conditions and Program-Level trip assignment was added to the Background Conditions volumes to represent Cumulative Plus Project Conditions. The Program-Level trip assignment only accounts the proposed parking garage at the southeast corner of the Camino Verde Drive/International Circle intersection and not any other potential future parking garages.

Due to the removal of the 471-space surface parking lot at the southeast corner of the Cottle Road / Palmia Drive-Hospital Parkway intersection and the construction of 1,046 parking spaces in a new garage at the northeast corner of the Camino Verde Drive/Santa Teresa Boulevard intersection, our analysis assumed that existing trips to/from the hospital would shift routes used to access the Project site. Based on access routes we assumed that about 50 percent of trips would shift from Hospital Parkway / International Circle intersection to the Camino Verde Drive / International Circle intersection.



Study Intersection

XX% Trip Distribution

Figure 5-1

Project Vehicle Trip Distribution

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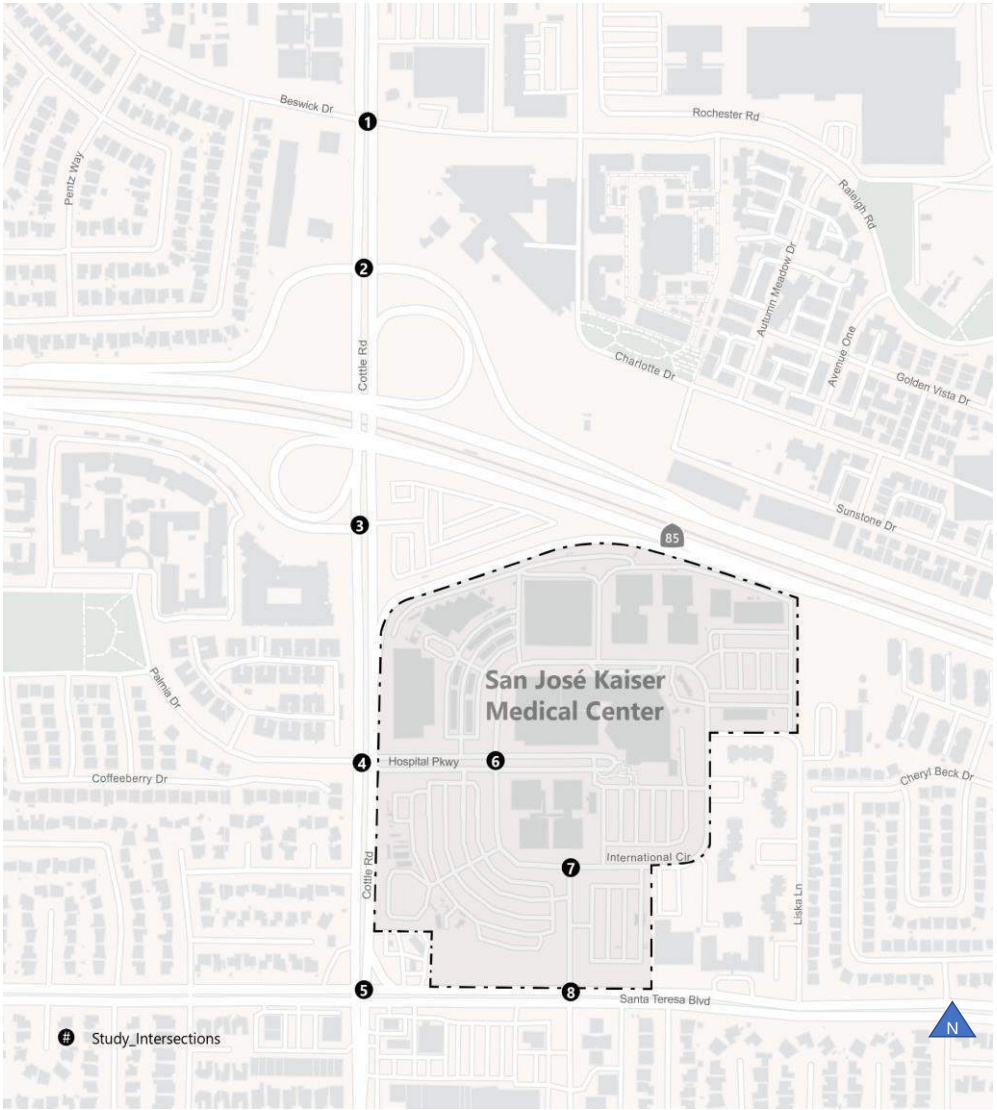
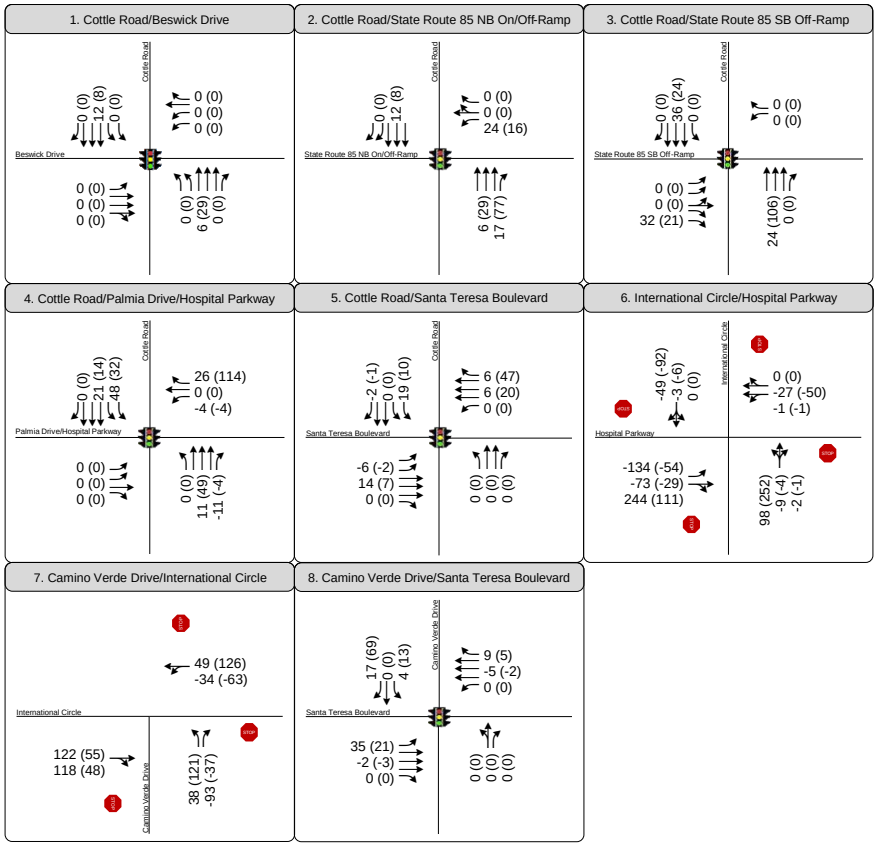
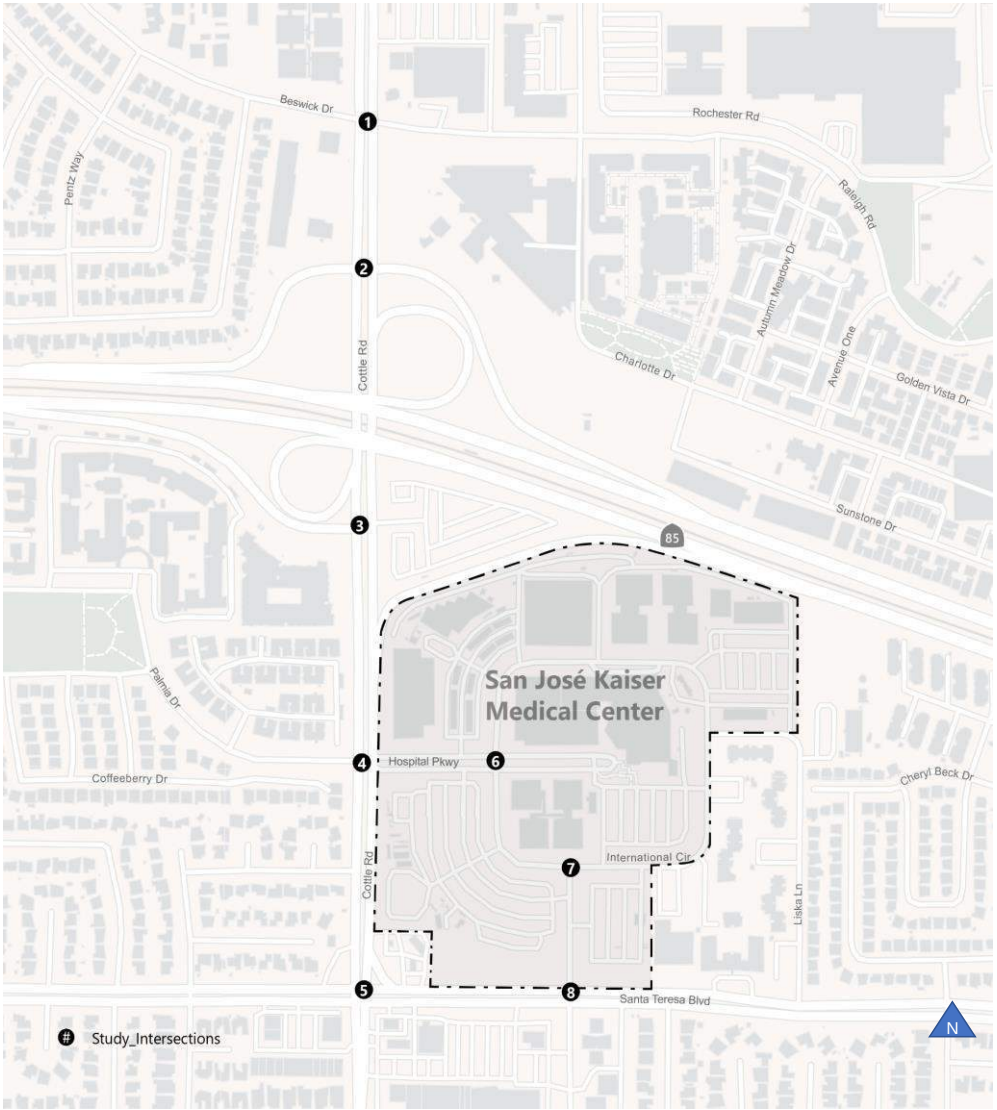


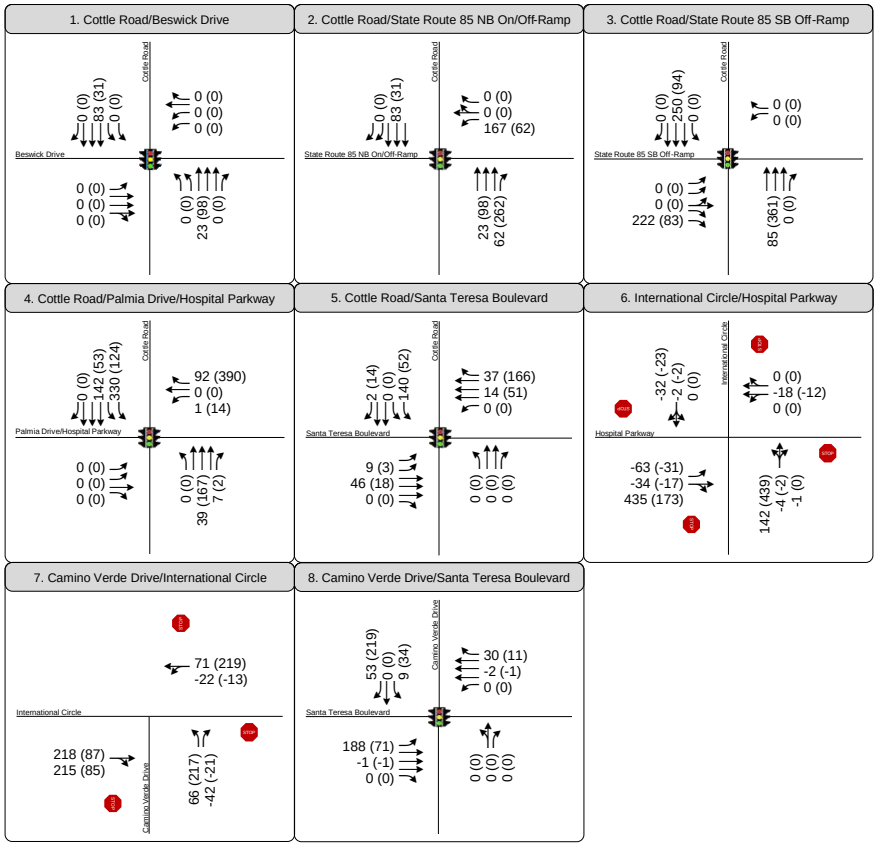


LEGEND

- # — Study Intersection
- AM (PM) — Peak Hour Traffic Volume
- Lane Configuration
- Stop Sign
- Signalized

Figure 5-2
Project-Level Trip Assignment



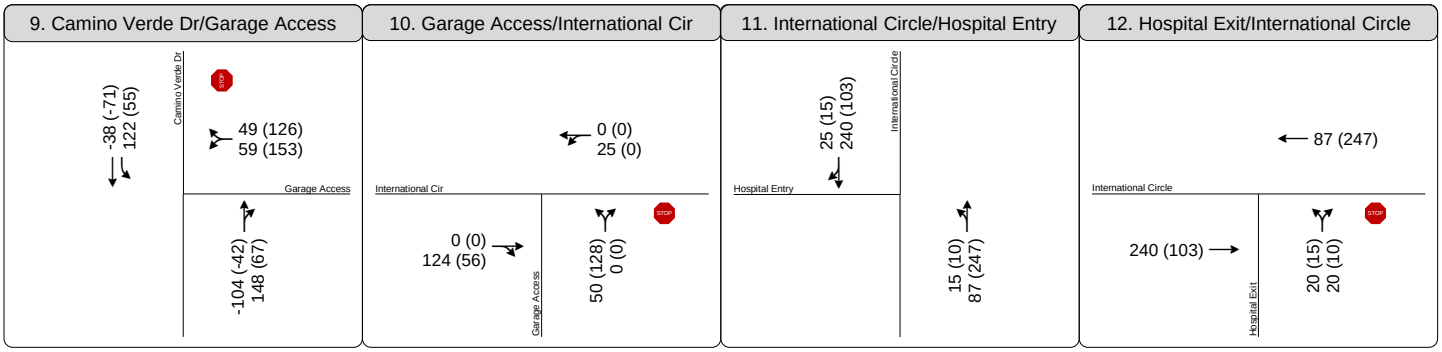


LEGEND

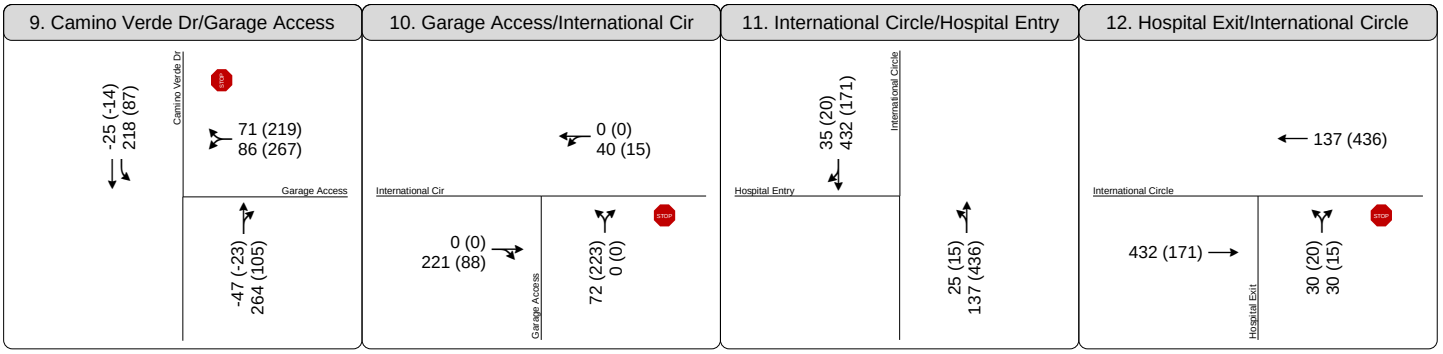
#	Study Intersection
AM (PM)	Peak Hour Traffic Volume
	Lane Configuration
	Stop Sign
	Signalized

Figure 5-3
Program-Level Trip Assignment

Project-Level



Program-Level



LEGEND

- # — Study Intersection
- AM (PM) — Peak Hour Traffic Volume
- Lane Configuration
- Stop Sign

Figure 5-4

Driveway Trip Assignment

6. Background Plus Project Conditions

This chapter presents the findings of the transportation analysis under Background Plus Project Conditions. Background Plus Project Conditions are defined as Background Conditions plus the net-added trips from Project-level hospital uses. The Program-level MOB uses are included under the Cumulative Plus Project conditions discussed in **Chapter 7**.

Background Plus Project Roadway Infrastructure Improvements

The Project does not propose any transportation improvements that would affect geometries at the study intersections; therefore, intersection geometries are assumed to be the same as presented in Background No Project conditions.

Background Plus Project Traffic Volumes

Background Plus Project traffic volumes includes Background No Project intersection volumes plus the net-added trips from the Project-level hospital uses as discussed in **Chapter 5**.

Background Plus Project Level of Service

Background Plus Project Conditions intersection lane configurations, traffic controls, and peak hour traffic counts, as shown on **Figure 6-1**, were used to calculate level of service and vehicle queuing at the study intersections during the AM and PM peak hours. The results of the Background Plus Project LOS analysis is shown in **Table 6-1**.

Based on the results presented in **Table 6-1**, all study intersections would continue to operate at an acceptable LOS and no adverse intersection operations effects are identified under Background Plus Project conditions.

Operations at the Cottle Road/Palmia Drive-Hospital Parkway intersection improve under the AM peak hour compared to Background No Project conditions because the Project causes a shift in trips associated with the existing hospital. Currently, most trips to the hospital use the parking garage located north of Hospital Parkway; these trips are expected to shift to the parking garage located east of Camino Verde Drive. The longest queue at the Cottle Road/Palmia Drive-Hospital Parkway intersection occurs in the westbound right-turn movement during PM peak hour. Shifting trips into the Project site would decrease this queue length, consequently reducing intersection delays.

Table 6-1: Background Plus Project Conditions Intersection Level of Service

#	Intersection	Control[1]	Jurisdiction (LOS Standard)[2]	Peak Hour[3]	Background No Project Conditions		Background Plus Project Conditions		Critical Change V/C[6]	Average Critical Change Delay[7]
					Delay[4]		Delay[4]	LOS[5]		
1	Cottle Road / Beswick Drive	Signal	San José (D)	AM	47.7	D	47.7	D	+0.002	+0.1
				PM	44.3	D	44.4	D	+0.006	+0.2
2	Cottle Road / State Route 85 NB On- / Off-Ramp	Signal	CMP (E)	AM	20.6	C+	21.7	C+	+0.016	+1.1
				PM	9.8	A	10.1	B+	+0.016	+0.4
3	Cottle Road / State Route 85 SB Off-Ramp	Signal	CMP (E)	AM	29.7	C	30.1	C	+0.016	+0.4
				PM	27.2	C	27.3	C	+0.027	+0.4
4	Cottle Road / Palmia Drive-Hospital Parkway	Signal	San José (D)	AM	43.4	D	44.7	D	+0.035	+1.8
				PM	48.2	D	53.0	D-	+0.092	+6.4
5	Cottle Road / Santa Teresa Boulevard	Signal	CMP (E)	AM	34.7	C-	35.0	C-	+0.010	+0.4
				PM	39.1	D	39.2	D	+0.007	+0.1
6	Hospital Parkway / International Circle	ASWC	San José (D)	AM	18.9	C	14.4	B	-0.208	-4.5
				PM	14.9	B	16.6	C	+0.033	+1.7
7	Camino Verde Drive / International Circle	ASWC	San José (D)	AM	8.1	A	9.6	A	+0.249	+1.5
				PM	8.9	A	10.7	B	+0.117	+1.8
8	Santa Teresa Boulevard / Camino Verde Drive	Signal	San José (D)	AM	16.5	B	17.0	B	-0.000	+0.0
				PM	20.7	C+	23.8	C	+0.055	+4.7

Notes:

1. Signal = signalized intersection, ASWC = all-way stop-controlled intersection.
2. Intersection jurisdiction and associated LOS threshold applied.
3. AM = morning peak hour, PM = evening peak hour.
4. Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 *Highway Capacity Manual*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections and all-way stop-controlled intersections.
5. LOS = Level of Service. LOS calculations were conducted using the TRAFFIX analysis software packages, which apply the methods described in the 2000 *Highway Capacity Manual*.
6. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Background Plus Project Turning Movement Queuing Analysis

The queuing analysis was prepared for signalized intersection under Background Plus Project Conditions using TRAFFIX analysis software. The results of the queuing analysis are presented in **Table 6-2** along with the comparison to Background Conditions. The addition of Project trips causes queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity as summarized below:

- Cottle Road / Palmia Drive-Hospital Parkway
  - Southbound left movement during AM and PM peak hours
  - Westbound right movement during AM and PM peak hour
- Cottle Road/Santa Teresa Boulevard
  - Southbound left movement during AM peak hour
- Camino Verde Drive/Santa Teresa Boulevard
  - Southbound left movement during PM peak hour
  - Southbound right movement during PM peak hour
  - Eastbound left movement during AM peak hour

Table 6-2: Background Plus Project Conditions Turning Movement Queueing Analysis – Signalized Intersections

Study Intersection #	Name	Movement	Available Storage Length[1] (feet per lane)	Peak Hour[2]	Projected Queue Length[3] (feet per lane)	
					Background No Project	Background Plus Project
4	Cottle Road / Palmia Drive-Hospital Parkway	SBL*	290	AM	**875**	**<u>950</u>**
				PM	**425**	**<u>500</u>**
		WBR	350	AM	**550**	**<u>600</u>**
				PM	**1,050**	**<u>1,325</u>**
5	Cottle Road / Santa Teresa Boulevard	SBL*	280	AM	**500**	**<u>525</u>**
				PM	**450**	**450**
8	Camino Verde Drive/Santa Teresa Boulevard	SBL	70	AM	50	50
				PM	**175**	**<u>200</u>**
		SBR	100	AM	50	50
				PM	**350**	**<u>450</u>**
		EBL	165	AM	125	**<u>175</u>**
				PM	125	150

Notes: * indicates movement with two turning pockets. **Bold** text indicates vehicle queuing exceeds available storage capacity. **<u>Bold and underlined</u>** text indicates where the addition of project trips increases queues at locations where cars are already exceeding available storge capacity or to form queue lengths that exceed available storage capacity.

1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Since TRAFFIX does not report 95th percentile queues for stop-controlled intersections, a queuing analysis using Synchro was prepared to evaluate the all-way stop control (AWSC) intersection operations under Background Plus Project Conditions. The results of the queuing analysis for AWSC intersections are shown in **Appendix D** and presented in **Table 6-3** along with a comparison to the Background No Project Condition. The addition of background trips causes no queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity. The eastbound left-turn queue at the Hospital Parkway/International Circle intersection decreases from 300 feet to 125 feet with the project, because the addition of the new parking garage on the southern half of the campus would shift some of the existing trips from the north (i.e., some trips would now make an eastbound right-turn instead of an eastbound left-turn as shown on **Figure 5-2**).

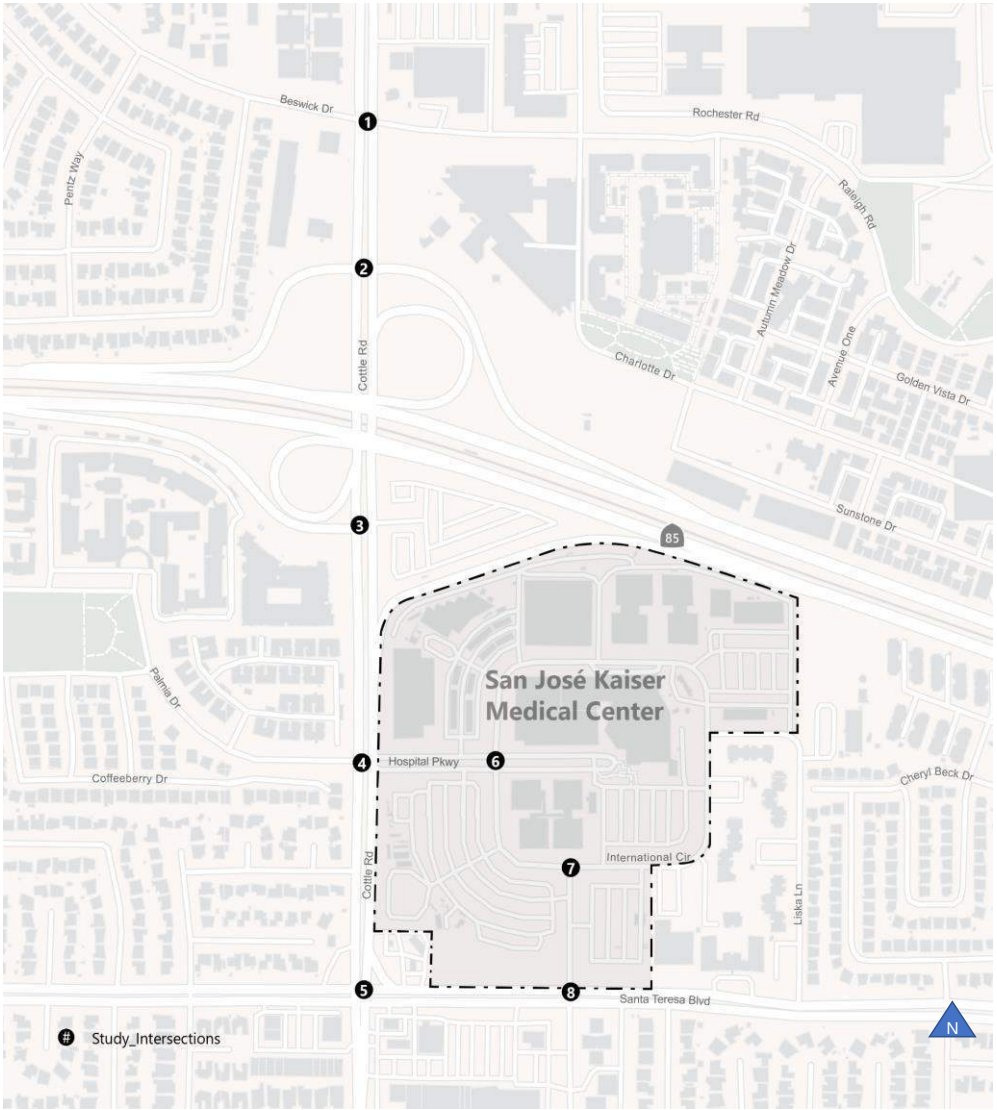
Table 6-3: Background Plus Project Conditions Queuing Analysis – AWSC Intersections

Study Intersection #	Name	Movement	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length[3] (feet)	
					Background No Project	Background Plus Project
6	Hospital Parkway/ International Circle	EBL	180	AM	**300**	125
				PM	100	100
		EBT/R	395	AM	50	150
				PM	50	50
7	Camino Verde Drive/International Circle	NBL	100	AM	25	25
				PM	0	25

Notes: **Bold** text indicates vehicle queuing exceeds available storage capacity.

1. Rounded to the nearest 25 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 6 methodology.

Source: Fehr & Peers, 2023.



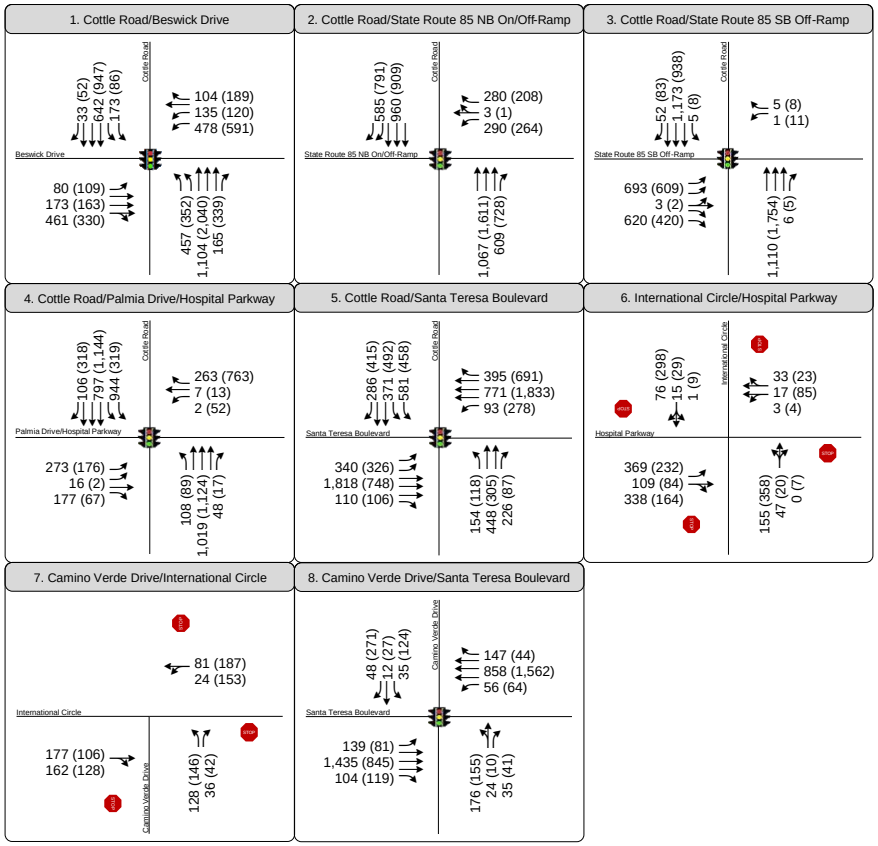


Figure 6-1
Background Plus Project Lane Configuration, Traffic Control, and Peak Hour Traffic Volume

7. Cumulative Conditions

This chapter presents the findings of the transportation analysis under Cumulative Conditions, including Cumulative No Project and Cumulative Plus Project Conditions. Traffic volumes for Cumulative Conditions are based on Background volumes plus traffic generated by pending developments in the area. However, there currently are no pending developments in the area and volumes for Cumulative No Project Conditions are the same as Background No Project Conditions. Cumulative Plus Project conditions represent Cumulative No Project Conditions plus net new trips from the Project-level hospital uses and Program-level MOB uses.

Cumulative No Project Conditions Roadway Infrastructure Improvements

There are no planned transportation improvements within the study area that would affect geometries at the study intersections; therefore, intersection geometries are assumed to be the same as presented for Background No Project Conditions, which are also the same as Existing Conditions.

Cumulative No Project Traffic Volumes

Traffic volumes for Cumulative No Project Conditions include traffic generated by pending developments within proximity of the Project. Based on information provided by the City of San José, there currently are no pending developments in the area. Thus, the Cumulative No Project volumes are the same as the Background No Project volumes as discussed in **Chapter 4**.

Cumulative Plus Project Conditions Roadway Infrastructure Improvements

As noted under Background Plus Project conditions, the Project does not propose any transportation improvements that would affect geometries at the study intersections; therefore, intersection geometries are assumed to be the same as those presented in Cumulative No Project conditions.

Cumulative Plus Project Traffic Volumes

Cumulative Plus Project traffic volumes includes Cumulative No Project intersection volumes, plus the net-added trips from the Project-level hospital uses and Program-level MOB uses as discussed in **Chapter 5**.

Cumulative No Project and Cumulative Plus Project Level of Service

Cumulative No Project and Cumulative Plus Conditions intersection lane configurations, traffic controls, and peak hour traffic counts, as shown on **Figure 7-1** and **Figure 7-2**, were used to calculate level of service and vehicle queuing at the study intersections during the AM and PM peak hours. The results of the Cumulative Conditions LOS analysis are shown in **Table 7-1**.

Table 7-1: Cumulative No Project and Cumulative Plus Project Intersection Level of Service

#	Intersection	Control[1]	Jurisdiction (LOS Standard)[2]	Peak Hour[3]	Cumulative No Project Conditions		Cumulative Plus Project Conditions		Critical Change V/C[6]	Average Critical Change Delay[7]
					Delay[4]	LOS[5]	Delay[4]	LOS[5]		
1	Cottle Road / Beswick Drive	Signal	San José (D)	AM	47.7	D	47.8	D	+0.016	+0.7
				PM	44.3	D	44.6	D	+0.019	+0.7
2	Cottle Road / State Route 85 NB On- / Off-Ramp	Signal	CMP (E)	AM	20.6	C+	27.2	C	+0.107	+5.8
				PM	9.8	A	11.1	B+	+0.060	+1.6
3	Cottle Road / State Route 85 SB Off-Ramp	Signal	CMP (E)	AM	29.7	C	32.7	C-	+0.093	+2.9
				PM	27.2	C	28.1	C	+0.097	+2.1
4	Cottle Road / Palmia Drive-Hospital Parkway	Signal	San José (D)	AM	43.4	D	53.3	D-	+0.180	+14.4
				PM	48.2	D	**87.5**	**F**	+0.319	+58.6
5	Cottle Road / Santa Teresa Boulevard	Signal	CMP (E)	AM	34.7	C-	36.8	D+	+0.059	+3.1
				PM	39.1	D	39.7	D	+0.029	+1.2
6	Hospital Parkway / International Circle	ASWC	San José (D)	AM	18.9	C	32.2	D	+0.148	+13.3
				PM	14.9	B	**52.5**	**F**	+0.479	+37.6
7	Camino Verde Drive / International Circle	ASWC	San José (D)	AM	8.1	A	13.6	B	+0.519	+5.4
				PM	8.9	A	16.6	C	+0.381	+7.6
8	Santa Teresa Boulevard / Camino Verde Drive	Signal	San José (D)	AM	16.5	B	21.1	C+	+0.037	+11.9
				PM	20.7	C+	29.5	C	+0.178	+13.1

Notes: **Bold** text indicates unacceptable operations according to the jurisdiction's LOS standard. **Bold and highlighted** text indicates an adverse effect.

1. Signal = signalized intersection, ASWC = all-way stop-controlled intersection.
2. Intersection jurisdiction and associated LOS threshold applied.
3. AM = morning peak hour, PM = evening peak hour.
4. Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 *Highway Capacity Manual*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections and all-way stop-controlled intersections.
5. LOS = Level of Service. LOS calculations were conducted using the TRAFFIX analysis software packages, which apply the methods described in the 2000 *Highway Capacity Manual*.
6. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Based on the results presented in **Table 7-1**, all study intersections would continue to operate at an acceptable LOS and no adverse intersection operation effects are identified under Cumulative Plus Project conditions, except for the Cottle Road / Palmia Drive-Hospital Parkway (intersection #4) and the Hospital Parkway / International Circle (intersection #6) during the PM peak hour.

Cumulative No Project and Cumulative Plus Project Turning Movement Queuing Analysis

A queuing analysis was prepared for signalized intersection under Cumulative No Project and Cumulative Plus Project conditions using TRAFFIX analysis software. The results of the queuing analysis are presented in **Table 7-2** along with a comparison to the Cumulative No Project Conditions. The addition of Project trips causes queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity as summarized below:

- Cottle Road/Palmia Drive-Hospital Parkway:
  - Southbound left movement during AM and PM peak hours
  - Westbound right movement during AM and PM peak hours
- Cottle Road/Santa Teresa Boulevard
  - Southbound left movement during AM and PM peak hours
- Camino Verde Drive/Santa Teresa Boulevard
  - Southbound left movement during PM peak hour
  - Southbound right movement during PM peak hour
  - Eastbound left movement during AM and PM peak hours

Table 7-2: Cumulative Conditions Queuing Analysis – Signalized Intersections

Study Intersection #	Name	Movement	Available Storage Length[1] (feet per lane)	Peak Hour[2]	Projected Queue Length[3] (feet per lane)	
					Cumulative No Project	Cumulative Plus Project
4	Cottle Road / Palmia Drive-Hospital Parkway	SBL*	290	AM	**875**	**1,350**
				PM	**425**	**725**
		WBR	350	AM	**550**	**800**
				PM	**1,050**	**2,400**
5	Cottle Road / Santa Teresa Boulevard	SBL*	280	AM	**500**	**625**
				PM	**450**	**475**
8	Camino Verde Drive/Santa Teresa Boulevard	SBL	70	AM	50	50
				PM	**175**	**200**
		SBR	100	AM	50	100
				PM	**350**	**650**
		EBL	165	AM	125	**325**
				PM	125	**250**

Notes: * indicates movement with two turning pockets. **Bold** text indicates vehicle queuing exceeds available storage capacity. **Bold and underlined** text indicates where the addition of project trips increases queues at locations where cars are already exceeding available storge capacity or to form queue lengths that exceed available storage capacity.

1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Since TRAFFIX does not report 95th percentile queues for stop-controlled intersections, a queuing analysis using Synchro was prepared to evaluate the all-way stop control (AWSC) intersection operations under Cumulative Plus Project Conditions. The results of the queuing analysis for AWSC intersections are shown in **Appendix D** and presented in **Table 7-3** along with the comparison to the Cumulative No Project Condition. The addition of Project trips causes no queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity except for the eastbound through-right movement at Hospital Parkway/ International Circle (intersection #6) during AM peak hour.

As discussed under Background Plus Project Conditions, the eastbound left-turn queue at the Hospital Parkway/International Circle intersection decreases from 300 feet to 125 feet with the project, because the addition of the new parking garage on the southern half of the campus would shift some of the existing trips from the north (i.e., some trips would now make an eastbound right-turn instead of an eastbound left-turn as shown on **Figure 5-2**).

Table 7-3: Cumulative Conditions Queuing Analysis – AWSC Intersections

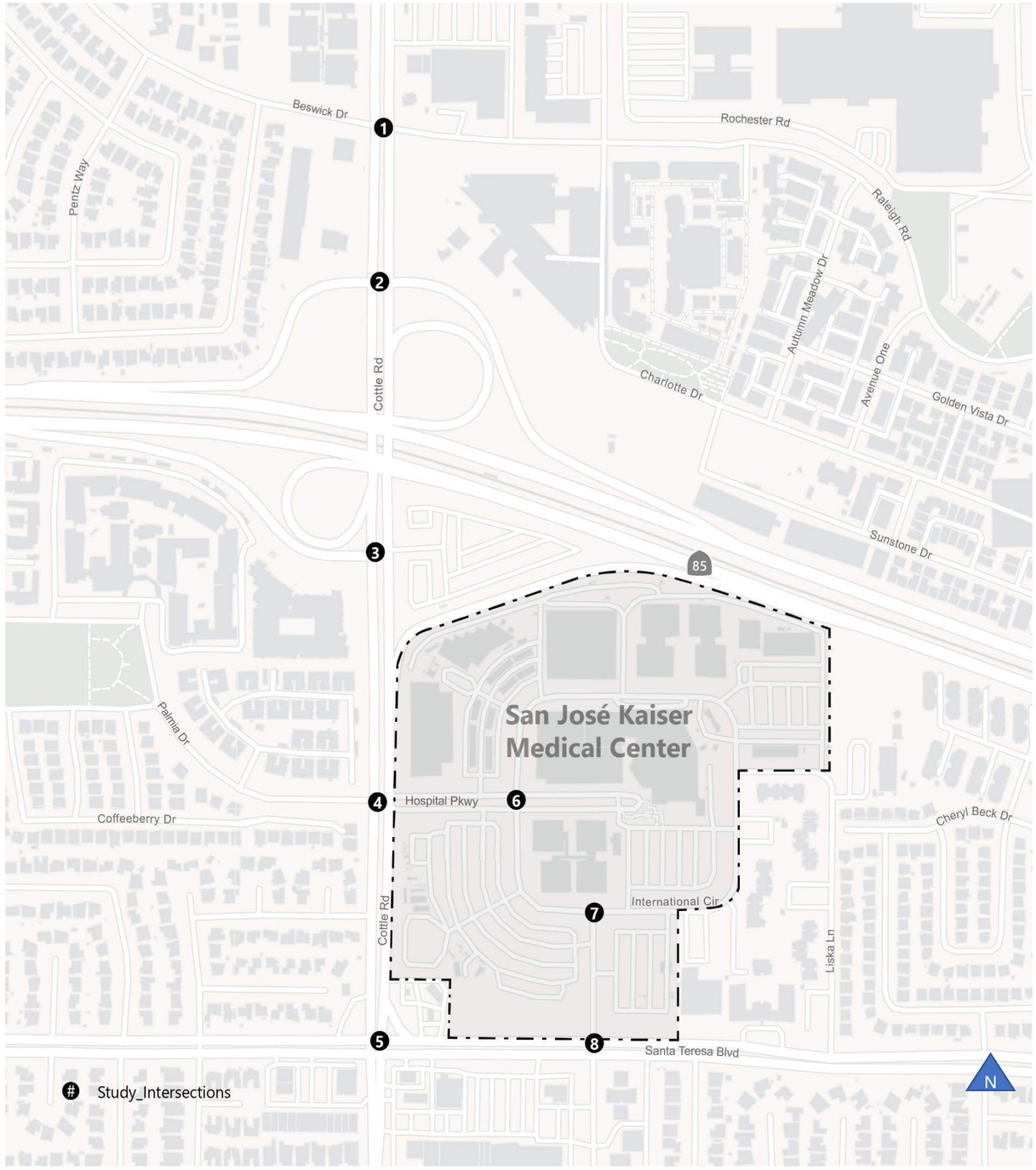
Study Intersection #	Name	Movement	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length[3] (feet)	
					Cumulative No Project	Cumulative Plus Project
6	Hospital Parkway/ International Circle	EBL	180	AM	**300**	**225**
				PM	100	125
		EBT/R	395	AM	50	**<u>550</u>**
				PM	50	150
7	Camino Verde Drive/International Circle	NBL	100	AM	25	25
				PM	0	75

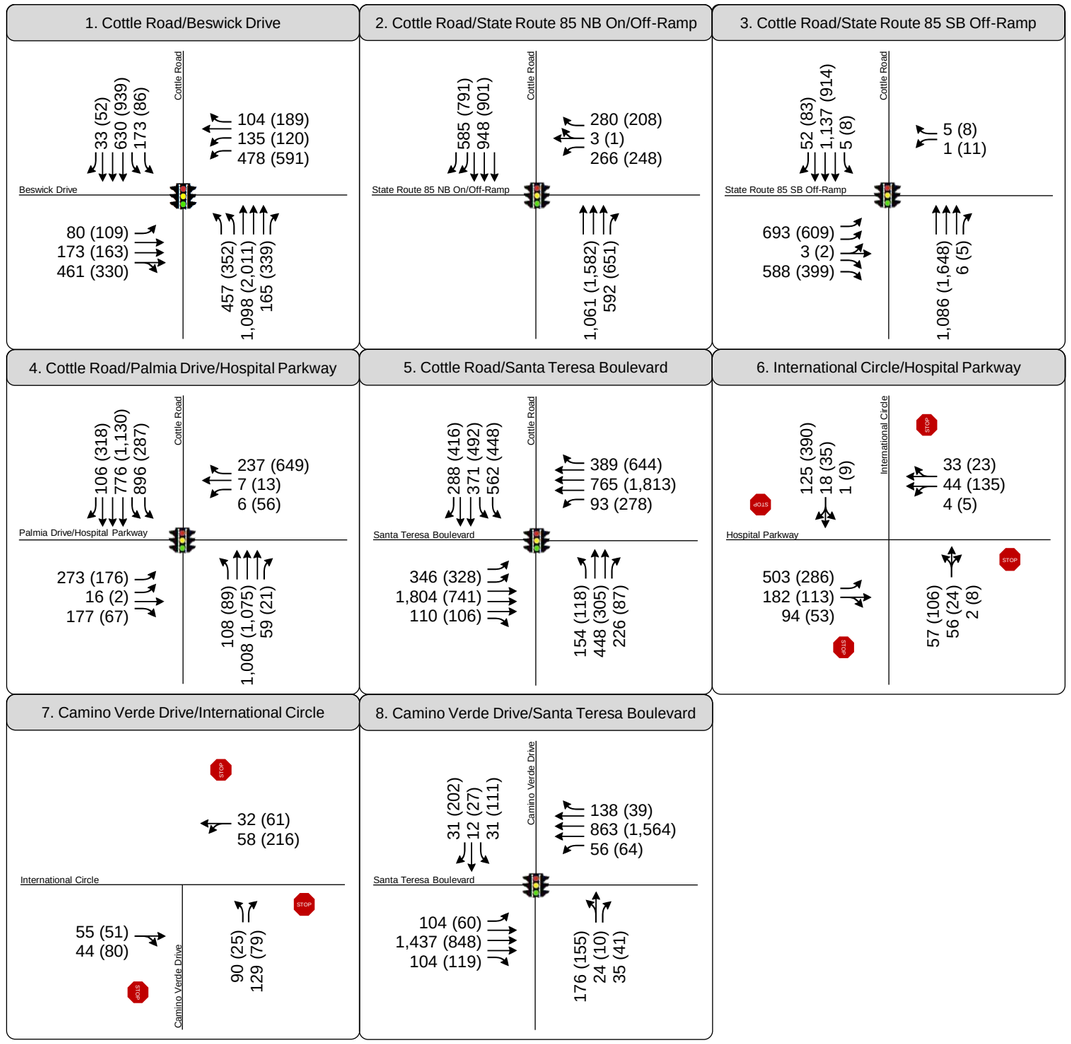
Notes: **Bold** text indicates vehicle queuing exceeds available storage capacity. **<u>Bold and underlined</u>** text indicates where the addition of project trips increases queues at locations where cars are already exceeding available storge capacity or to form queue lengths that exceed available storage capacity.

1. Rounded to the nearest 25 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 6 methodology.

Source: Fehr & Peers, 2023.

The queuing effect from the eastbound approach at the Hospital Parkway/International Circle intersection to the new emergency vehicle access driveway on Hospital Parkway is discussed in more detail in **Chapter 8**.



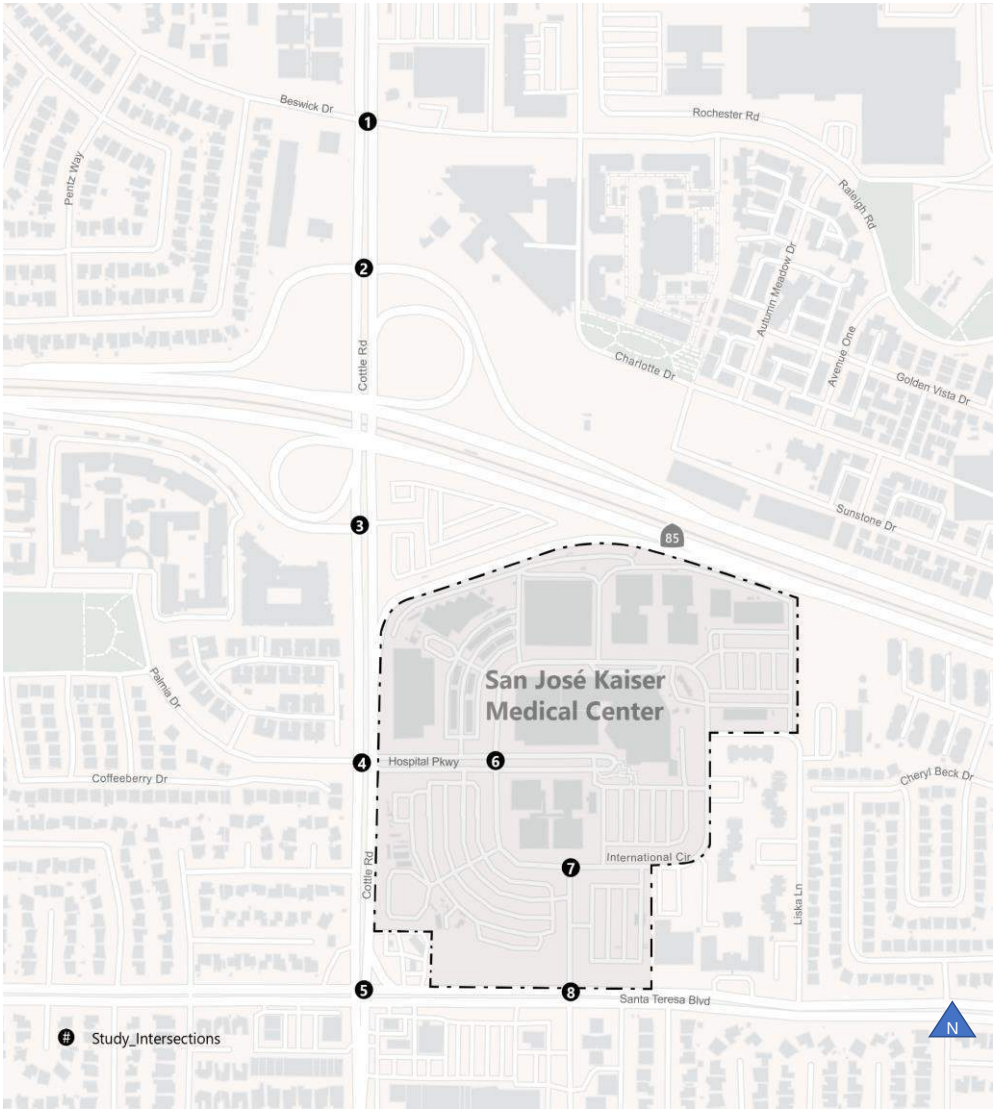


LEGEND

#	Study Intersection
AM (PM)	Peak Hour Traffic Volume
	Lane Configuration
STOP	Stop Sign
	Signalized

Figure 7-1

Cumulative No Project Lane Configuration, Traffic Control, and Peak Hour Traffic Volumes



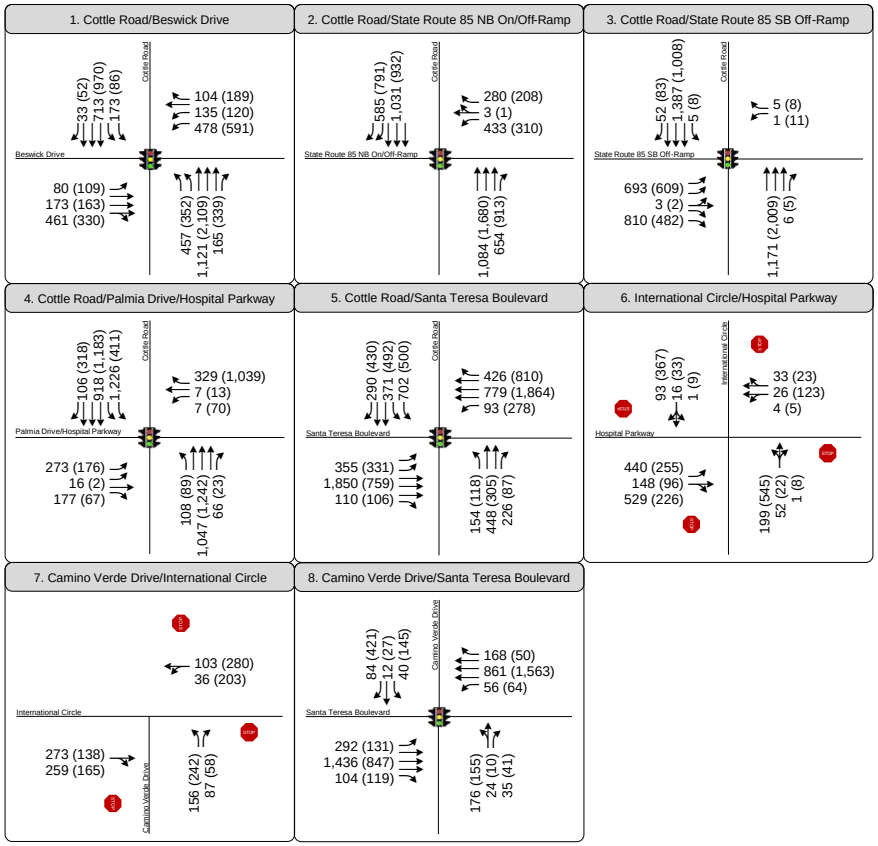


Figure 7-2
Cumulative Plus Project Lane Configuration, Traffic Control, and Peak Hour Traffic Volume

Freeway Off-Ramp Queuing Analysis

The northbound and southbound off-ramps at SR 85 were analyzed for ramp queuing performance, assessing increases in peak period ramp queue lengths with the addition of Project traffic and its effects on freeway and local street operations. Ramp queuing is not considered an environmental impact, but rather an operational consideration managed over time by Caltrans and local jurisdictions.

Table 7-4 shows freeway off-ramp queuing analysis for Background Plus Project conditions. Under Background Plus Project conditions, neither of the two off-ramps would exceed storage capacity.

Table 7-4: Background Plus Project Freeway Off-Ramp Analysis

Off-Ramp	Storage Capacity (ft)[1]	Peak Hour[2]	Background No Project		Background Plus Project	
			Ramp Volume	Queue (ft)[3]	Ramp Volume	Queue (ft)[3]
SR 85 NB Off-Ramp at Cottle Rd	1,650	AM PM	549 457	725 450	573 473	750 475
SR 85 SB Off-Ramp at Cottle Rd	1,440	AM PM	1,284 1,010	1,250 1,300	1,316 1,031	1,275 1,325

Notes:

1. Vehicle storage capacity is defined as the length of the longest mixed-flow lane available for vehicle queuing. Length is measured from gore point to gore point or where any queue spillback has the potential to block other movements.
2. AM = morning peak hour; PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Table 7-5 shows freeway off-ramp queuing analysis for Cumulative Plus Project conditions. Under Cumulative Plus Project conditions, neither of the two off-ramps would exceed storage capacity.

Table 7-5: Cumulative Plus Project Freeway Off-Ramp Analysis

Off-Ramp	Storage Capacity (ft)[1]	Peak Hour[2]	Cumulative No Project		Cumulative Plus Project	
			Ramp Volume	Queue (ft)[3]	Ramp Volume	Queue (ft)[3]
SR 85 NB Off-Ramp at Cottle Rd	1,650	AM PM	549 457	725 450	716 519	850 500
SR 85 SB Off-Ramp at Cottle Rd	1,440	AM PM	1,284 1,010	1,250 1,300	1,506 1,093	1,375 1,400

Notes:

1. Vehicle storage capacity is defined as the length of the longest mixed-flow lane available for vehicle queuing. Length is measured from gore point to gore point or where any queue spillback has the potential to block other movements.
2. AM = morning peak hour; PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 2000 methodology.

Source: Fehr & Peers, 2023.

8. Multimodal Access and On-site Circulation

This chapter evaluates site access and internal circulation for vehicles, pedestrians, and bicycles and consistency with the City of San José's mobility policies, standards, and guidelines based on the site plan presented on **Figure 1-2**. The Project's vehicle and bicycle parking supplies are reviewed in comparison to City standards.

Site Access and Circulation

The Medical Center would retain its three access points with the Project:

- The southern edge of the site at the Santa Teresa Boulevard/Camino Verde Drive intersection,
- The western edge of the site at the Cottle Road/Hospital Parkway intersection, and
- The eastern edge of the site at the International Circle/Liska Lane intersection.

The two driveways along Santa Teresa Boulevard and Cottle Road are the primary access points to the site. These intersections are signalized and provide direct connections to regional facilities, such as SR 85. Liska Lane provides local access from residential neighborhood to the east of the Medical Center.

Pedestrian Circulation

No changes are being made to study intersections and entry points to the Project site, so all road geometries are assumed to be the same, with pedestrian access via sidewalks. Sidewalks around Hospital Parkway and Camino Verde Drive would also provide pedestrian access to the new facility, as well as from existing pedestrian crosswalks across Camino Verde Drive that would also lead to the new parking structure. There is bicycle parking within the Project site as well as adjacent to the Project site at Santa Teresa Branch Library.

With the garage location to the east of Camino Verde Drive and the new hospital to the west, there is going to be increased pedestrian crossings at the International Circle/Camino Verde Drive intersection as pedestrians cross between the two facilities. The main pedestrian access points to the garage will be located at north-west and south-west corners of the garage, which will naturally direct pedestrian to the marked pedestrian crossings of the Camino Verde intersections at International Circle and Santa Teresa Boulevard. The operations of the International Circle/Camino Verde intersection, including pedestrian and vehicle interactions are discussed in more detail later in this chapter under the "Controls for International Circle Intersections."

The existing mid-block enhanced crosswalk with Rectangular Rapid-Flashing Beacons (RRFBs) along International Circle between Hospital Parkway and Camino Verde will be removed, since the parking garage southwest of the Hospital Parkway / International Circle intersection will be replaced by MOB and

pedestrian access from existing parking lot on the west side of International Circle to the MOB uses on the east side is no longer needed.

The existing medians on the east leg and south leg of the International Circle/Camino Verde Drive intersections will remain.

Bicycle Circulation

Consistent with *Better Bike Plan 2025*, the project will implement Class IV separated bikeways along the Project perimeter. In addition, the Project proposes to provide Class II bike lanes along Camino Verde between Santa Teresa Boulevard and International Circle. Once bicycles are internal to the site, they can share the road with vehicles along International Circle, to reach the building entrances and designated short-term and long-term bicycle parking.

Transit Access

There are two bus stops internal to the site along International Circle, as well as several bus stops along Santa Teresa Boulevard and Cottle Road that provide bus access to the site. The Project will improve the bus stop along the Project perimeter on Santa Teresa Boulevard to provide a new bus shelter. The improved bus stop along the Santa Teresa Boulevard project frontage will need to be incorporated in the Class IV protected bike lane design along Santa Teresa. Sidewalks and/or crosswalks are provided near all bus stops and allow efficient access to the site via transit. In addition, the Project is within walking distance of the VTA Blue Line LRT station at Cottle Road. To access the station pedestrian travel north on Santa Teresa Boulevard, cross at the marked crosswalk at the southbound SR 85 on-ramp. This Blue Line has services that connect the Project site to Diridon Station, which provides connections to Caltrain, ACE, and Amtrak. Project improvements will not interfere with these transit facilities.

Vehicular Site Access

This section discusses vehicle access to the hospital and parking garage driveways.

Main Hospital Entrance

The main entrance of the new hospital would be located on the east side of the building facing International Circle, with two (2) new 13 feet wide one-way vehicle driveways along International Circle for a counterclockwise passenger pick-up/drop-off loop.

Emergency Department Entrance – Hospital Parkway

The emergency department entrance would be located on the north side of the hospital and accessed from Hospital Parkway, with additional access points to the facility on the north and west sides. The driveway located on Hospital Parkway for the emergency department entrance has a width of 32 feet. Ambulances would access the new hospital on the west side from Cottle Road through the 32-feet driveway and would have direct access to services in the emergency department. The emergency access driveway is wider than the City standard of 26 feet for two-way driveways because the driveway needs to be able to accommodate required movements from fire department vehicles.

The driveway is located about 140 feet east from the signalized Cottle Road/Hospital Parkway intersection and 260 feet west from the all-way stop-controlled International Circle/Hospital Parkway intersection. Currently, the International Circle/Hospital Parkway intersection consistently backs up to Cottle Road for the eastbound left-turn during the morning peak period (see **Table 3-4**). As discussed in the trip assignment in **Chapter 5**, our analysis assumed that existing trips to/from the hospital would shift routes used to access new parking garage. Thus, about 180 trips from the eastbound left-turn at the International Circle/Hospital Parkway intersection would shift to the eastbound right-turn movement (see **Figure 5-3**). As shown in **Table 6-3** and **Table 7-3**, with the shift in vehicle volumes the eastbound approach on Hospital Parkway at International Circle, will no longer experience excessive queues under Background conditions and will not interfere with operations at the emergency department entrance. The AM peak hour queues under Cumulative Conditions are anticipated to extend to and past the emergency vehicle access driveway. The eastbound leg on Hospital Parkway has two travel lanes and is close to 30 feet wide. To address the cumulative queue spillback from the International Circle/Hospital Parkway intersection, the eastbound leg on Hospital Parkway should be stripped to accommodate a wide outside lane to allow sufficient room for emergency vehicles to freely access the driveway.

Emergency Department Entrance – Cottle Road

The hospital also has a driveway off Cottle Road that on a daily basis would only be used by emergency vehicles. The Cottle Road driveway would also provide periodic access for large single unit trucks, which are used for imaging and other large medical equipment. The Cottle Road driveway is 32 feet, which is greater than the City standard of 26 feet for two-way driveways because the driveway needs to be able to accommodate required movements from the single unit trucks.

Hospital Service Driveway – Camino Verde Drive

A new service driveway with a width of 32 feet would be located on Camino Verde Drive on the south side of the new hospital, leading to a below grade loading dock and service yard that also services the energy center. The service driveway is wider than the City standard of 26 feet for two-way driveways because the driveway needs to be able to accommodate required movements from the service vehicles.

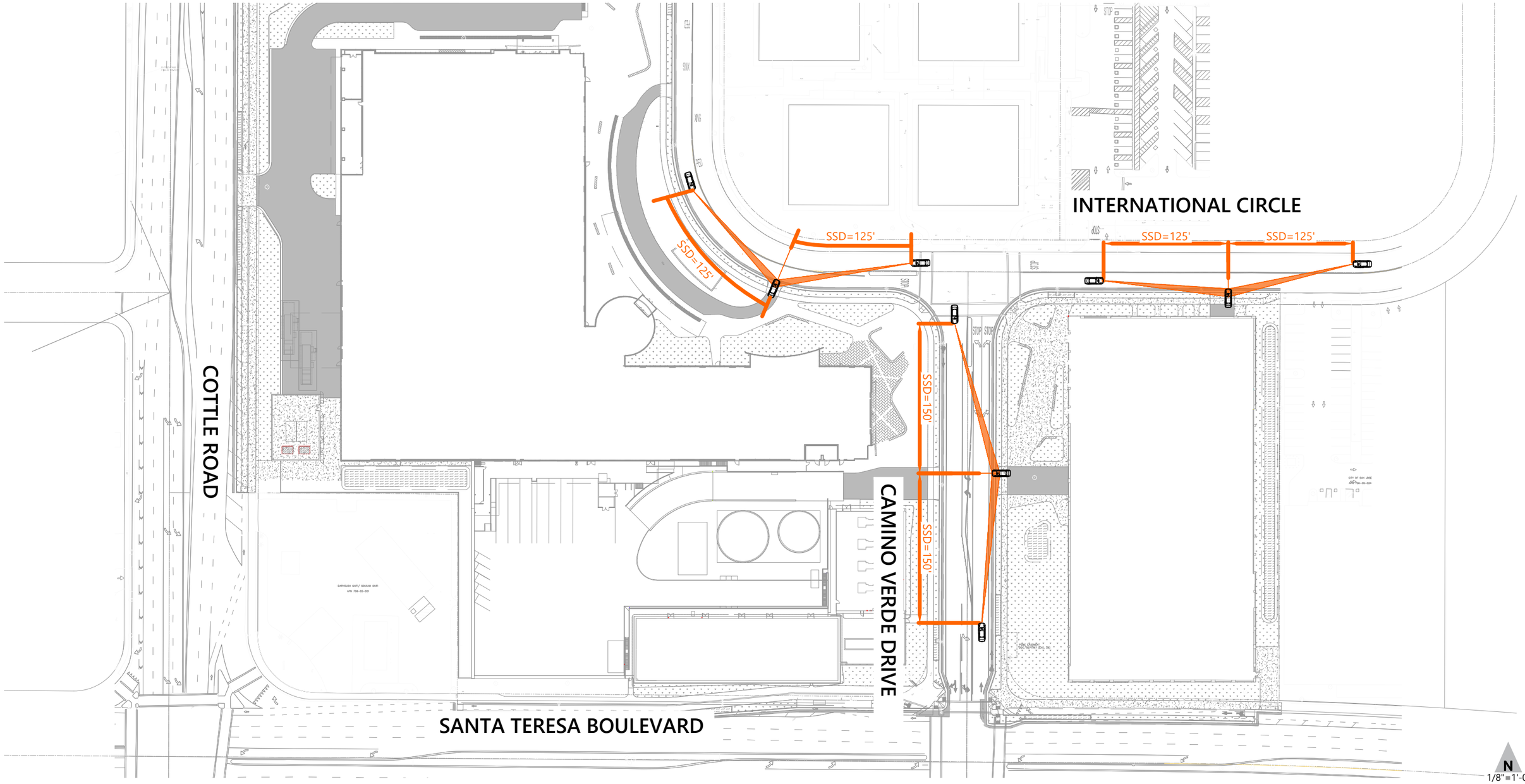
Parking Garage Access

The parking garage would have two main access points: one on International Circle and one on Camino Verde Drive. The International Circle Driveway meets the City driveway width requirement of no more than 26 feet; however, the Camino Verde Driveway is 28 feet to accommodate a second outbound lane. Both of these would be two-way access points to the ground level.

Stopping Sight Distance

To determine the visibility of vehicles exiting the garage at the two driveways (Camino Verde Drive and International Circle) and vehicles exiting the proposed new hospital vehicle driveway on International Circle, we conducted stopping sight distance analyses. The stopping sight analyses evaluate if the drivers traveling east or west on International Circle, and north or south on Camino Verde Drive, will be able to

see vehicles exiting the driveways with sufficient stopping distance to avoid a collision. Using the engineering standards from the Caltrans' *Highway Design Manual, 6th Edition (2019)*, the minimum sight stopping distances for design speed 20 mph and 25 mph roads are 125 feet and 150 feet, respectively. Eastbound and westbound drivers on International Circle are expected to travel at 20 mph, hence requiring the minimum stopping sight distance of 125 feet. Northbound and southbound drivers on Camino Verde Drive are expected to travel at 25 mph, hence requiring the minimum stopping sight distance of 150 feet. A driver exiting the driveways is anticipated to stop at the sidewalk to check for pedestrians and then creep forward into the bike lane (if there is one) before turning out of the driveways. To ensure sufficient stopping sight distance between vehicles traveling in both directions and vehicles exiting the garage at the northeast driveway on International Circle, it is recommended to maintain the existing red curbs approximately 50 feet east and 50 feet west of the driveway. As shown in **Figure 8-1**, the stopping sight distance of 125 feet is achieved for the drivers coming from east and west of the proposed vehicle drive on International Circle with no additional countermeasures needed. The stopping sight distance of 150 feet is achieved for drivers coming from north and south on Camino Verde Drive with no additional countermeasures needed.



Stopping Sight Distance (SSD) Triangle

CONCEPTUAL - NOT FOR CONSTRUCTION. ADDITIONAL
DETAILED ANALYSIS AND ENGINEERING DESIGN REQUIRED.

Figure 8-1

Stopping Sight Distance

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Oct 25, 2023

Driveway Analysis

This section presents the turning movement queuing analysis of the two driveways to the parking garage as well as the hospital driveway under Background Plus Project and Cumulative Plus Project conditions. Similar to the intersection queuing analysis presented in the previous chapters, the driveways are evaluated using Synchro 11 software and the results are presented in **Table 8-1**.

All driveways are side-street stop-controlled. The technical calculations are presented in **Appendix E**.

Table 8-1: Driveway Turning Movement Queuing Analysis

Driveway	Movement	Available Storage Length[1] (feet per lane)	Peak Hour[2]	Projected Queue Length[3] (feet per lane)	
				Background Plus Project	Cumulative Plus Project
Camino Verde Drive / Garage Access	WBL	50	AM	25	**75**
			PM	**75**	**375**
	SBL	175	AM	25	25
			PM	25	25
International Circle / Garage Access	NBL	25	AM	25	25
			PM	25	**75**
International Circle / Hospital Entry	NBLT	340	AM	25	25
			PM	25	25
International Circle / Hospital Exit	NBLR	330	AM	25	25
			PM	25	25

Notes: **Bold** text indicates vehicle queuing exceeds available storage capacity.

1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet.
4. Intersection evaluated using HCM 6 methodology except for International Circle / Hospital Entry which uses HCM 2000 methodology.

Source: Fehr & Peers, 2023.

Based on the driveway queuing analysis, the following movements have queues that exceed available storage length under Background Plus Project conditions:

- Camino Verde Drive / Garage Access
    - Westbound left movement during PM peak hour

The following movements have queues that exceed available storage length under Cumulative Plus Project conditions:

- Camino Verde Drive / Garage Access
    - Westbound left movement during AM and PM peak hours

- International Circle / Garage Access
    - Northbound left movement during PM peak hour

The westbound left movement at Camino Verde Drive / Garage Access driveway would have queues that exceed available storage capacity under both Background Plus Project and Cumulative Plus Project conditions due to the high left-turn volumes out of the garage. The passenger pick-up/drop-off lane would have minimal queues that are within available storage length and would not spillback onto International Parkway.

To improve queuing at Camino Verde Drive / Garage Access driveway, the Project will provide two exit lanes (one right-turn and one left-turn) from the garage onto Camino Verde Drive. With these improvements the westbound left movement of the driveway would improve to 75 feet under Background Plus Project conditions and 300 feet under Cumulative Plus Project conditions during PM peak hour.

Figure 8-2 presents the proposed parking garage layout. The proposed parking garage would not have security gates. There would be no off-site queuing into the public right-of-way on either Camino Verde Drive or International Parkway since inbound traffic does not cause queues that exceed available storage length.

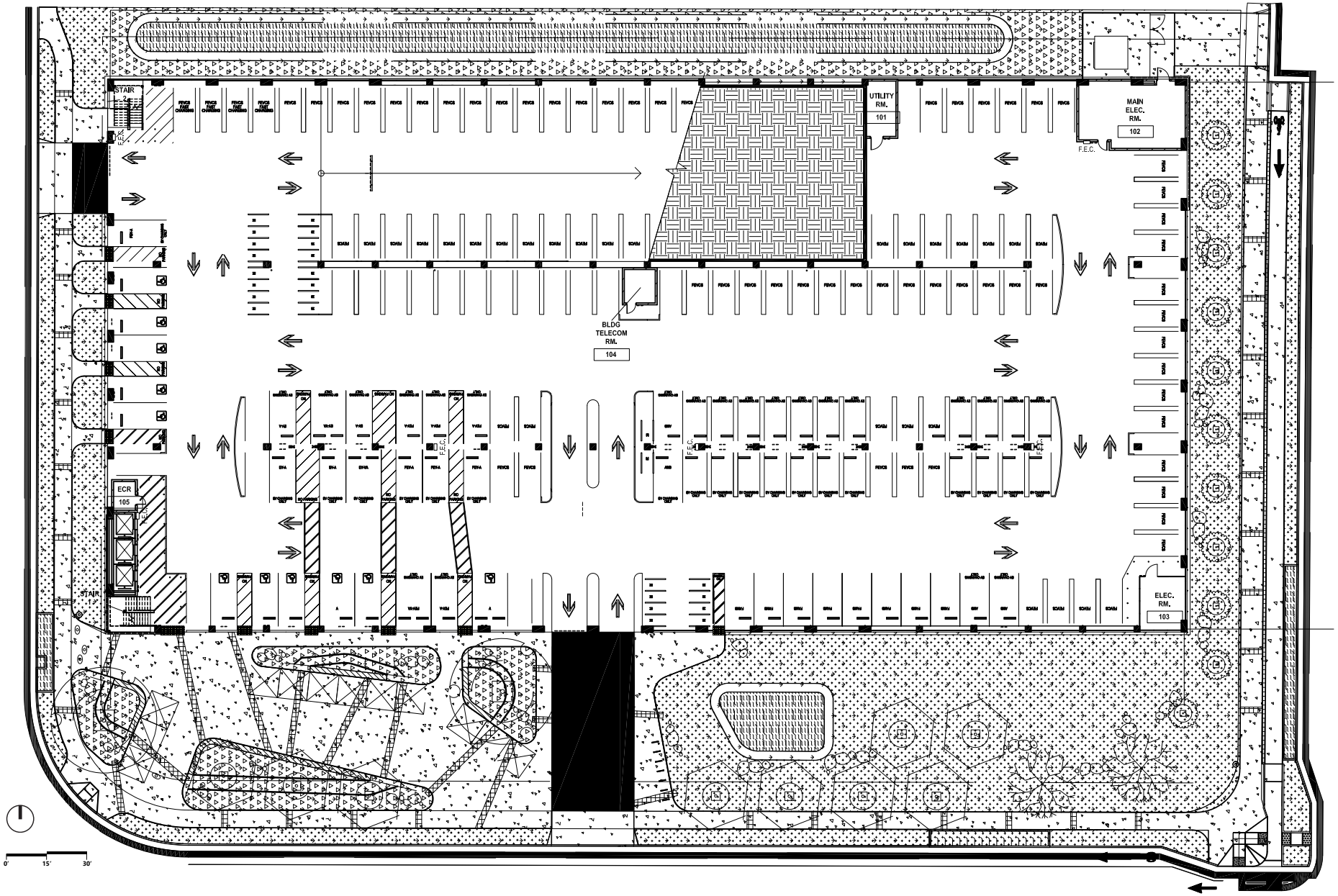


Figure 8-2

Parking Garage Layout

Controls for International Circle Intersection

This section discusses intersection control for the International Circle intersections at Hospital Parkway and Camino Verde Drive. Both intersections are currently all-way stop-controlled. While the intersections operate at acceptable LOS based on the results presented in **Table 6-1** and **Table 7-1**, they frequently experience excessive queuing due to the following factors:

- High platooning, i.e., large group of vehicles traveling together, from the signal-controlled intersections on Cottle Road (for International Circle/Hospital Parkway intersection) and Santa Teresa Boulevard (for the International Circle/ Camino Verde Drive intersection), and
- Consistent pedestrian crossings, where pedestrians have the right-of-way and result in longer than anticipated wait times and associated queuing for vehicles.

These operational issues are currently prevalent at the International Circle/Hospital Parkway intersection, though with the New Hospital Project and associated parking garage on the south side of the Medical Center, it is anticipated that these operational issues will be exacerbated at the International Circle/ Camino Verde Drive intersection.

The City has requested that the Project consider a roundabout at International Circle/Hospital Parkway and International Circle/Camino Verde Drive intersections, though based on preliminary concept drawings, shown on **Figure 8-3**, there are right-of-way constraints that limit the feasibility of a roundabout. **Table 8-2** below summarizes the intersection LOS results for the two intersections assuming the current all-way stop control, as well as potential alternative intersection controls of roundabout and signalization. The technical calculations for roundabout and signalization are presented in **Appendix F** and **Appendix G**, respectively.

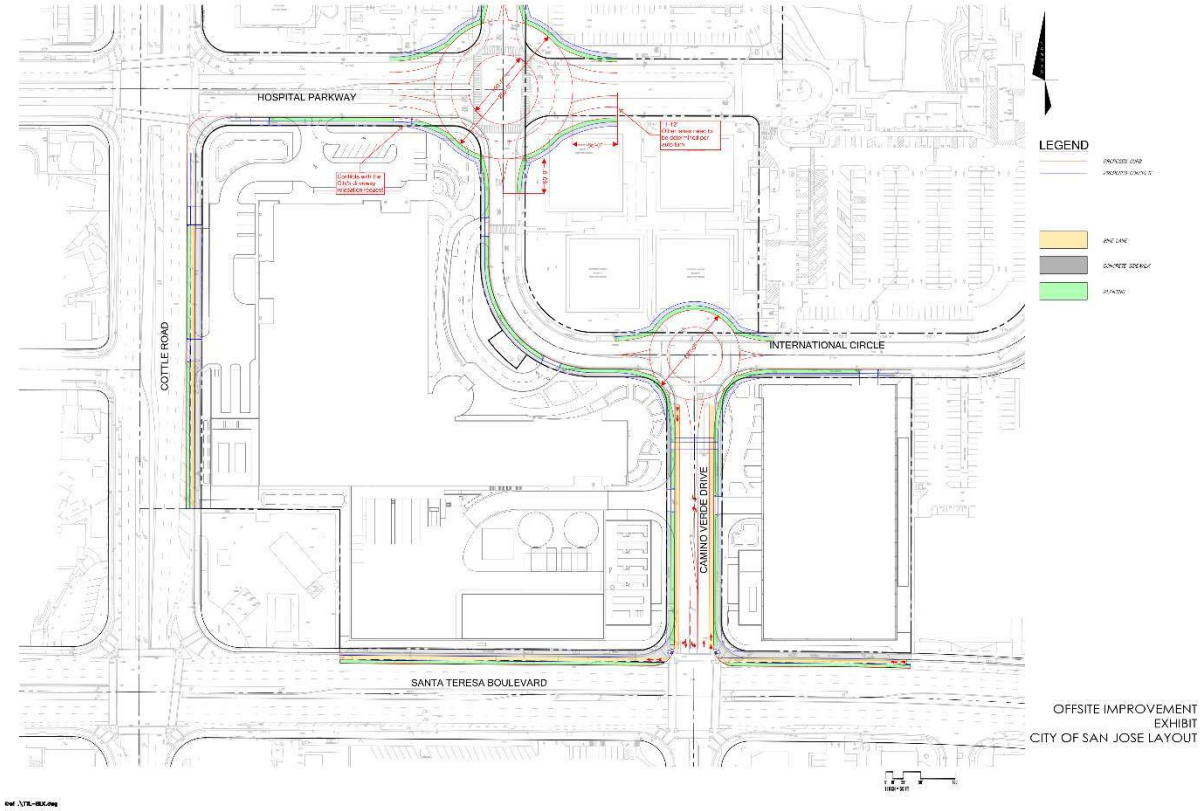


Figure 8-3: Roundabout Concept Drawings

As shown in **Table 8-2**, all control options would operate at an acceptable LOS during both peak hours, with the exception of the Hospital Parkway/International Circle intersection during the PM peak hour under Cumulative Conditions for both the all-way-stop controlled and signalized intersection controls. The two intersections with roundabout options would operate at LOS A or LOS B for both Plus Project conditions during both peak hours.

Peak hour signal warrant studies are performed for the International Circle intersections during the AM and PM peak hour based on the criteria in the Manual on Uniform Traffic Control Devices (MUTCD). The MUTCD peak hour volume warrant (Warrant 3) analysis results are shown in **Appendix H**. The results indicate that the Hospital Parkway/International Circle intersection meets the peak hour volume warrant during the AM and PM peak hours under the Cumulative Plus Project Conditions.

As noted, there are right-of-way constraints that limit the viability of the roundabout options and are not considered feasible. The intersection LOS analysis shows that the intersections would operate at better LOS/delay with the AWSC configuration versus signalization. There are current operational considerations at the Hospital Parkway/International Circle intersection related to heavy pedestrian movements on the west-leg of the intersection. However, with the removal of the surface parking at the south-west corner of the Medical Campus to construct the new hospital, there no longer will be a very large pedestrian demand at that location and an AWSC should operate effectively. However, since the Hospital

Parkway/International Circle intersection is projected to operate at LOS E or F during PM peak hour under Cumulative Conditions for both the all-way-stop controlled and signalized intersection controls; the project will re-evaluate the appropriate intersection control at this location when the MOB (program-level project) moves forward.

With the new garage at the south-eastern corner of the Medical Center, there will be added pedestrian demand at the Camino Verde Drive/International Circle intersection as pedestrians walk to/from the garage to the new hospital and existing MOB uses. However, the projected vehicle demand at this intersection is not anticipated to be as large, since access to the garage is provided upstream of the intersection.

Table 8-2: International Circle Intersection Operations

#	Intersection	Control Type[1]	Background Plus Project				Cumulative Plus Project			
			AM		PM		AM		PM	
			Delay[2]	LOS[3]	Delay[2]	LOS[3]	Delay[2]	LOS[3]	Delay[2]	LOS[3]
6	Hospital Parkway / International Circle	AWSC	14.4	B	16.6	C	32.2	C	**52.5**	**F**
		Two-lane Roundabout	5.7	A	6.7	A	7.4	A	10.4	B
		Signal	23.7	C	35.2	D+	33.2	C-	**73.8**	**E**
7	Camino Verde Drive / International Circle	AWSC	9.6	A	10.7	B	13.6	B	16.6	C
		Single-lane Roundabout	5.2	A	6.5	A	7.3	A	10.6	B
		Signal	13.5	B	14.7	B	19.4	B-	19.7	B-

Notes: **Bold** text indicates unacceptable operations according to the jurisdiction's LOS standard.

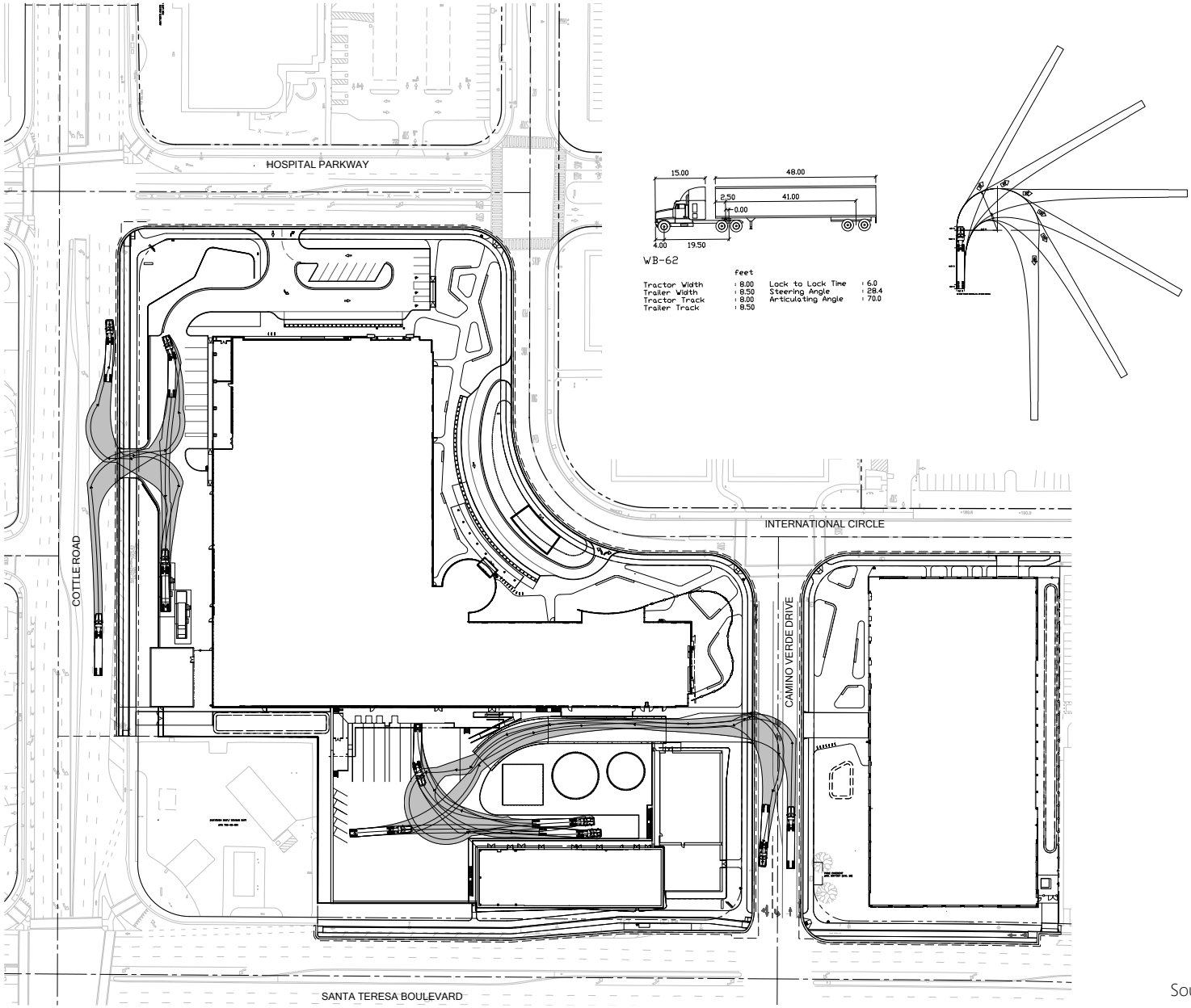
1. Signal = signalized intersection, ASWC = all-way stop-controlled intersection.
2. Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 *Highway Capacity Manual*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections and all-way stop-controlled intersections. For roundabouts, delays are reported in seconds per vehicle for the overall roundabout.
3. LOS = Level of Service. For roundabouts, LOS calculations are conducted using the Sidra 9 software, which applies HCM 6 capacity. For signalized and all-way stop-controlled intersections, LOS calculations are conducted using the TRAFFIX analysis software packages, which apply the methods described in the 2000 *Highway Capacity Manual*.

Source: Fehr & Peers, 2023.

Truck Loading and Unloading Operations

The City of San José's Municipal Code §20.90.410 ("Required off-street loading spaces") defines the vehicle loading space requirements for the Kaiser San José Medical Center. With an added 720,000 s.f. between the new hospital and energy center, 36 loading spaces are required. The development is proposing four 65-ft long truck bays in addition to Sanipak and recycling compactors. All loading and unloading operations to both the new facility and the energy center will be performed at the service driveway south of the new facility.

Due to the design of the loading area and size of the Project site, the largest truck that can be accommodated in the Project's loading area is a WB-62 vehicle. Included in **Figure 8-4** and **Figure 8-5**, truck turning templates were provided using the AASHTO's WB-62 vehicle and fire truck for the driveway on Cottle Road and Camino Verde Drive. The truck turning templates indicate that the driveway widths of 32 feet are sufficient for the truck to enter and exit the Project site.



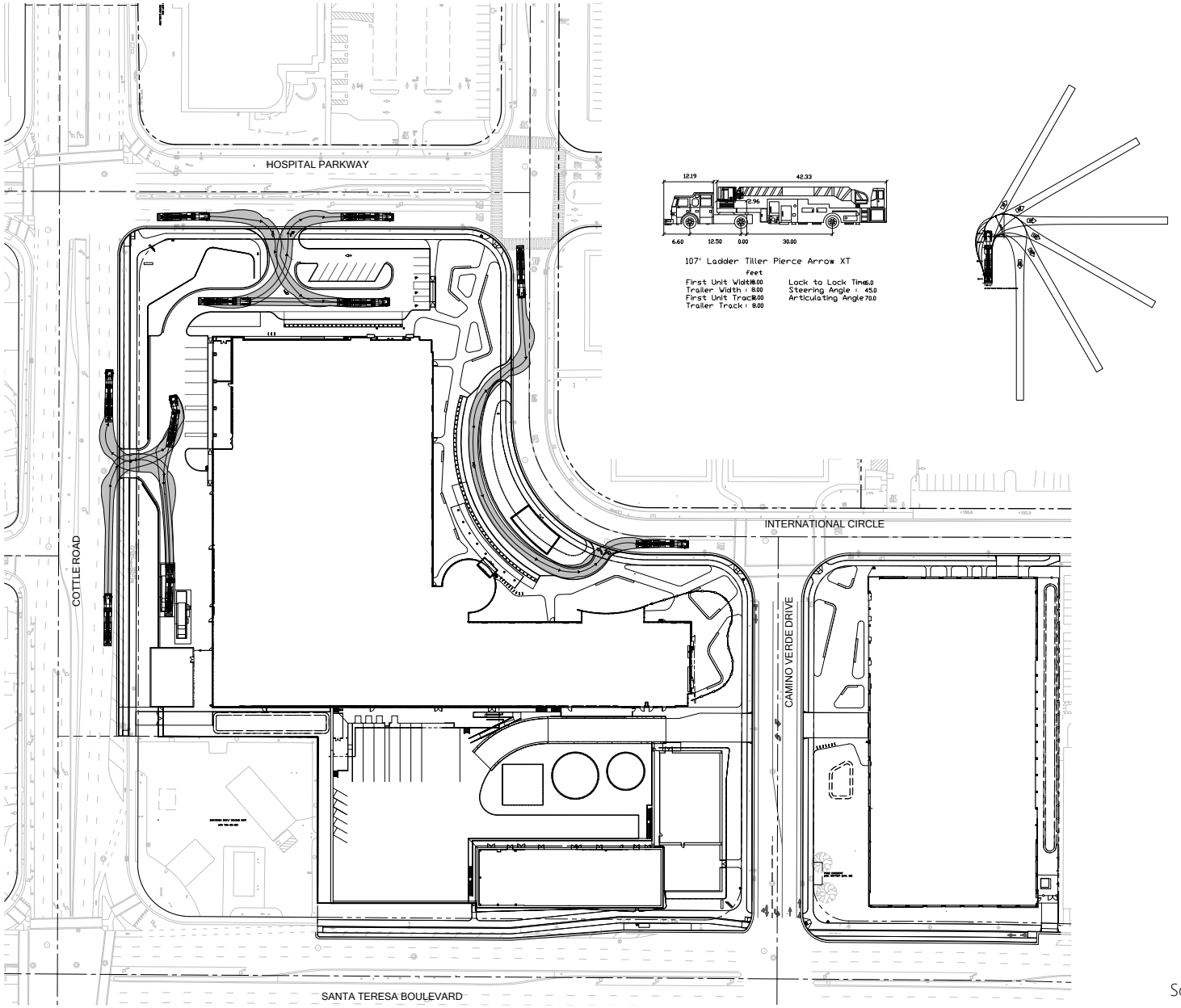
0' 50' 100'

1 INCH = 40FT

Source: Stantec and Sandis

Figure 8-4

Truck Turn Template for WB-62



0' 50' 100'

1 INCH = 40FT

Source: Stantec and Sandis

Figure 8-5

Truck Turn Template for Fire Truck

Parking Assessment

This section evaluates the vehicle and bicycle parking supply and requirements.

Vehicle Parking Supply

Table 8-3 summarizes the vehicles proposed vehicle supply. For the project-level components, the Project will net increase parking supply by 434 spaces and for the Program-level components, the Project will increase parking supply by net 575 spaces. In total the Project will result in a net increase of 1,009 spaces.

Table 8-3: Proposed Vehicle Parking Supply

Land Use	Size[1]	Parking Supply		
		Existing	New Parking Provided	Net New Proposed[3]
Hospital	303 beds	606[2]	1,040	434
Energy Center	35,000 sf	0	0	0
Medical Office Buildings	229,800 sf	1,982	2,557	575
Total		**2,588**	**3,597**	**1,009**

Notes:
1. sf=square feet.
2. Includes only surface parking spaces displaced by the new hospital and parking garage.
3. Net New Proposed = New Parking Provided – Existing to be Removed.

Source: Fehr & Peers, 2023.

City of San Jose Vehicle Parking Requirements

Per direction from City staff, the parking supply is only evaluated for the near-term hospital. Parking for the future medical office building will be evaluated with that project against the standards in place at that time. The San José City Council voted unanimously on December 6, 2022, to update its parking ordinance to no longer have minimum parking requirements for development proposals and to favor other modes of transportation. The new ordinance is in effect as of April 10, 2023. Based on the new ordinance, the parking evaluation is included as part of the transportation demand management (TDM) program. The TDM program assign points based on the proposed parking ratio, which are summarized in **Table 8-4**.

Table 8-4: Hospital Proposed Vehicle Parking Supply

Total Hospital Size[1]	New Parking Provided	Proposed Parking Ratio	TDM Points Allocated[2]
685,000 sf	1,040	1.52	18

Notes:
1. sf=square feet.
2. Appendix C of the City's *Transportation Analysis Handbook* (2023). "TDM Points Allocated" is for "Commute-End/Visit-End Uses" in the "High-Quality Transit Areas" category.

Source: Fehr & Peers, 2023.

Section 24.10.200 states that all non-residential areas should provide 10 percent of the total required number of parking spaces as electric vehicle supply equipment (EVSE) spaces, and 40% of the total number of parking spaces shall be EV-capable spaces (i.e., have infrastructure necessary to install additional EV charging stations in future). San Jose's municipal code does not count EV-ready spaces (i.e., use of 240-volt charging outlet instead of EV charging stations). It is recommended the Project applicant update their site plans to show how the Project will meet these standards.

Bicycle Parking

Similar to the vehicle parking evaluation, the parking supply is only evaluated for the hospital consistent with direction from City staff. Bicycle parking for the future medical office building will be evaluated with that project against the standards in place at that time. The City of San José's Municipal Code §20.90 ("Parking, Loading, and Transportation Demand Management") defines the bicycle parking supply for all land uses. **Table 8-5** below presents the bicycle parking supply requirements for the land uses included in the Project.

The proposed land uses presented in **Chapter 1** and parking standard supply requirements from the City's Municipal Code were used to calculate the Project's bicycle parking supply requirements, as shown in **Table 8-5**.

Table 8-5: Hospital Bicycle Parking Supply Requirements

Total Hospital Sizse[1]	Rate[1,2]	Short-Term Spaces	Long-Term Spaces	Total Required Spaces[34]
303 beds	1 space per 25 beds	11	2	13

Notes:
1. Per Municipal Code §20.90.
2. Spaces for the Hospital/in-patient facility will be at least 80% short-term spaces and at most 20% long-term spaces, since required space count is based on number of beds.

Source: City of San José Municipal Code; Fehr & Peers, 2023.

San José's municipal code distinguishes between long-term bicycle parking spaces, provided in secure locations that are restricted-access and protected from the elements, and short-term bicycle parking spaces, including surface-level bicycle racks. This project will provide 26 short-term bicycle parking spots in the form of open bike racks near building entrances, and 48 long-term bicycle parking spots in the form of secure, covered enclosures near building entrances.

Based on the bicycle parking summary provided in **Table 8-5**, the Project exceeds the City's parking requirements for both short-term and long-term parking spaces.

TDM Program Requirements

Per the City of San José Handbook, a TDM Plan is required for a development unless the project meets the screening criteria. If a component of a mixed-use project meets these screening criteria, a TDM Plan is not required for that component of the project. **Table 8-6** shows the screening criteria for the Project. The Project is not exempt and TDM Plan is required for the Project.

Table 8-6: Screening Criteria for TDM Plan

Land Use	Screening Criteria	Proposed Project	Exemption from TDM Plan Requirement
Visit-End Uses: Retail Sales/Goods/Merchandise	100,000 s.f. of gross floor area or less	435,000 s.f. of net new hospital gross floor area	Not Exempt

Source: City of San José *Transportation Analysis Handbook*, 2023.

Where a TDM Plan is required, the exact TDM requirements are defined by the City of San José's TDM Point Target system. The TDM Plan is required to meet 25 points. The Handbook includes a list of suggested TDM measures and the associated points for each measure. The TDM Program evaluation was only prepared for the Project-Level Components and includes discussion of what additional TDM measures the program-level project could consider in the future.

Based on the parking ratio presented in **Table 8-4**, the Project would attain 18 TDM points and is required to attain an additional 7 TDM points to reach the required 25 points, which could be accomplished through the following:

- 1 point: provide short-term and long-term bicycle parking and provide showers, changing rooms, and lockers at a rate twice as is required
- 2 points: provide TDM promotions such as targeted messaging and communications campaigns; and provide welcome packets with information about nearby amenities.
- 1 point: 76 to 100 percent of employees participate in telecommuting 1 day a week
- 1 point: provide pre-tax deductions for transit and vanpooling expenses
- 2 points: provide targeted behavior interventions to all project employees annually, plus one-on-one counseling and personalized commute planning for employees.

Based on the TDM program elements outlined above that the Project will implement, the Project will meet its TDM requirements. The TDM Plan will be prepared in a separate document and will be periodically updated to reflect the current programming at the Medical Center.

Evaluation of Neighborhood Intrusion

The proposed project has the potential to add traffic to residential streets in adjacent neighborhoods. This potential would be heightened if operations at study intersections deteriorate to unacceptable levels and vehicle drivers look for alternate routes to access the medical center.

Such areas are the neighborhood east of the Medical Center along Liska Lane north of Santa Teresa Boulevard, and the neighborhood west of the Medical Center along Larchmont Drive west of Cottle Road. The neighborhood east of the Medical Center runs along Liska Lane, which connects from International Circle to Santa Teresa Boulevard. With potential queues that could form to the south of the new parking garage onto Santa Teresa Boulevard, westbound drivers on Santa Teresa Boulevard could try turning right onto Liska Lane and circling back to access the new parking garage and hospital from the north. However, this route adds a lot of distance getting to the parking garage and hospital, and drivers would not be likely to go out of the way if not convenient. Cut-through traffic levels would be negligible, but travel behavior is hard to predict, and monitoring the cut-through traffic levels could still be considered.

The neighborhood west of the Medical Center runs along Larchmont Drive, next to the study intersection at Santa Teresa Boulevard and Cottle Road. It is possible that southbound drivers on Cottle Road could try turning right onto Larchmont Drive to avoid the study intersection at Santa Teresa Boulevard and Cottle Road, as the new medical facility could change the behavior on Cottle Road. Also, southbound right-turn vehicles from Larchmont Drive, to turn eastbound along Santa Teresa Boulevard, would need to circle back around using the left-turn pocket at Springer Way, causing a route with a lot of distance traveled. However, as no access points to the project site will be changing from the west, the amount of cut-through traffic would be negligible.

9. Transportation Deficiencies and Improvements

This chapter discusses potential Project effects on the transportation system. The identified deficiencies and recommended improvements for each transportation facility type are described.

Deficiencies and Improvements

Intersection Analysis

As discussed in **Chapter 6**, all study intersections are estimated to operate at an acceptable LOS based on their respective LOS threshold, and no adverse intersection operations effects are identified under Background Plus Project Conditions.

Under Cumulative Plus Project conditions, all study intersections are estimated to operate at an acceptable LOS based on their respective LOS threshold, except for the Cottle Road / Palmia Drive-Hospital Parkway (intersection #4) and Hospital Parkway / International Circle (intersection #6) during the PM peak hour.

Intersection #4: Cottle Road / Palmia Drive-Hospital Parkway

The Cottle Road / Palmia Drive-Hospital Parkway intersection would degrade intersection operations from LOS D to unacceptable LOS F during PM peak hour under Cumulative Plus Project Conditions. Intersection improvement to address the adverse effect includes provision of a second dedicated westbound right-turn lane (for a total of one left-turn lane, one through lane, and two right-turn lanes) on Hospital Parkway. With the improvement, the intersection operations would improve to LOS D with 43.2 seconds of delay. However, there are right-of-way constraints that limit the feasibility of the improvement. In addition, there is a crosswalk across the north leg of the intersection, and pedestrians have a pedestrian phase to cross Cottle Road at the same time as the westbound through and right-turn movements. It would be difficult for pedestrians to cross the dual right-turn lanes during the PM peak hour since pedestrians would need to rely on vehicles to yield to them. Additionally, the double right-turn lanes would increase the chance of multiple threat collisions, where a pedestrian enters the traffic lane in front of a stopped right-turning vehicle in the outside lane and is struck by another right-turning vehicle in the inside turn lane because the stopped vehicle blocks the line of sight between the pedestrian and the driver of the striking vehicle. Thus, the improvement would not be feasible, and the vehicle LOS adverse effect cannot be reduced. Given that there are not feasible improvements to address the LOS deficiency at Cottle Road/Hospital Parkway intersection under the Cumulative Plus Project conditions, the project applicant will work with the City to implement/provide a fair-share contribution towards multimodal improvements in the surrounding area, consistent with the goals of *Envision 2040 General Plan*. Under

Cumulative Plus Project conditions, the Project's faire share contribution is 16% (750 total project trip assignment at intersection / 4,633 total intersection volumes under Cumulative Plus Project conditions).

Intersection #6: Hospital Parkway / International Circle

The Hospital Parkway / International Circle intersection would degrade intersection operations from LOS B to unacceptable LOS F during PM peak hour under Cumulative Plus Project Conditions and would meet the signal warrant. Intersection improvement to address identifies the adverse effect includes signalization of the all-way stop-controlled intersection. Since this is a cumulative adverse effect, in the future when the MOB project moves forward, the Project would re-evaluate this intersection and identify if signalization, or other intersection control, would be warranted.

Queuing Analysis

Intersection deficiencies and improvements were evaluated under Background Plus Project and Cumulative Plus Project Conditions based on the queuing results shown in **Table 6-2**, **Table 6-3**, **Table 7-2**, and **Table 7-3**. Improvements were considered for intersection deficiencies where the addition of Project trips causes queues to further exceed available storage capacity or to form queue lengths that exceed available storage capacity under Background Plus Project and Cumulative Plus Project conditions. The recommended improvements under Background Plus Project conditions and Cumulative Plus Project condition are shown below in **Table 9-1** and **Table 9-2**, respectively.

Table 9-1: Turning Movement Queue Analysis and Improvements for Background Plus Project Conditions

#	Signalized Intersection	Pocket	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length in feet[3] No Project (Plus Project)	Improvements *(Presented for informational purposes only – not intended as recommended improvements)*
4	Cottle Road / Palmia Drive-Hospital Parkway	SBL	290	AM PM	**875 (950)** **425 (500)**	The available storage at this movement cannot be increased. Therefore, no improvement is recommended.
		WBR	350	AM PM	**550** (**600**) **1,050 (1,325)**	The available storage at this movement cannot be increased. Therefore, no improvement is recommended.
5	Cottle Road / Santa Teresa Boulevard	SBL	280	AM PM	**500 (525)** **450 (450)**	Increasing the available storage at this movement would require physically altering the median. Up to 100 feet of capacity is available by altering the median. While this would not fully address queuing at this location under Background Plus Project Conditions, it would help alleviate queue spill back.

8	Camino Verde Drive/Santa Teresa Boulevard	SBL	70	AM PM	50 (50) **175 (<u>200</u>)**	Increasing the available storage at this movement would require restriping the centerline and removing northbound left-turn capacity at the Camino Verde Drive/International Circle intersection. Therefore, extending turn-pockets at this movement is not recommended.
		SBR	100	AM PM	50 (50) **350 (<u>450</u>)**	Increasing the available storage at this movement would require restriping the centerline and removing northbound left-turn capacity at the Camino Verde Drive/International Circle intersection. While extending turn-pockets at this movement is not recommended, removing the existing pork-chop island at the northwest corner of the intersection and implementation of Class II buffered bike lanes along Camino Verde Drive will cause the southbound right-turn movement to have a de-facto right-turn striping on the approach to the intersection.
		EBL	165	AM PM	125 **(<u>175</u>)** 125 (150)	Increasing the available storage capacity at this movement by adding an additional left-turn storage lane would require removing eastbound through capacity at Santa Teresa Boulevard. This would not improve overall traffic capacity. Therefore, adding additional turn-pockets at this movement is not recommended. Up to 100 feet of capacity is available by physically altering the median. The City would support and recommends the implementation of extending the eastbound left-turn pocket at the intersection by the Project. While this would not fully address queuing at this location under Cumulative Plus Project Conditions, it would help alleviate queue spill back.

Notes: **Bold** text indicates vehicle queuing exceeds available storage capacity. **<u>Bold and underlined</u>** text indicates where the addition of project trips increases queues at locations where cars are already exceeding available storge capacity or to form queue lengths that exceed available storage capacity.

1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet. No Project refers to Background Conditions and Plus Project refers to Background Plus Project Conditions.

Source: Fehr & Peers, 2023.

Table 9-2: Turning Movement Queue Analysis and Improvements for Cumulative Plus Project Conditions

#	Signalized Intersection	Pocket	Available Storage Length[1] (feet)	Peak Hour[2]	Projected Queue Length in feet[3] No Project (Plus Project)	Improvements *(Presented for informational purposes only – not intended as recommended improvements)*
4	Cottle Road / Palmia Drive-Hospital Parkway	SBL	290	AM PM	**875 (1,350)** **425 (725)**	Increasing the available storage at this movement would require physically altering the median. Up to 200 feet of capacity is available by altering the median.
		WBR	350	AM PM	**550** (**800**) **1050 (2,400)**	The available storage at this movement cannot be increased. Therefore, no improvement is recommended
5	Cottle Road / Santa Teresa Boulevard	SBL	280	AM PM	**500 (625)** **450 (475)**	Increasing the available storage at this movement would require physically altering the median. Up to 100 feet of capacity is available by altering the median. While this would not fully address queuing at this location under Cumulative Plus Project Conditions, it would help alleviate queue spill back.
8	Camino Verde Drive/Santa Teresa Boulevard	SBL	100	AM PM	50 (50) **175 (200)**	Increasing the available storage at this movement would require restriping the centerline and removing northbound left-turn capacity at the Camino Verde Drive/International Circle intersection. Therefore, extending turn-pockets at this movement is not recommended.
		SBR	100	AM PM	50 (100) **350 (650)**	Increasing the available storage at this movement would require restriping the centerline and removing northbound left-turn capacity at the Camino Verde Drive/International Circle intersection. Therefore, extending turn-pockets at this movement is not recommended.

		EBL	165	AM PM	125 **(325)** 125 **(<u>250</u>)**	Increasing the available storage capacity at this movement by adding an additional left-turn storage lane would require removing eastbound through capacity at Santa Teresa Boulevard. This would not improve overall traffic capacity. Therefore, adding additional turn-pockets at this movement is not recommended. Up to 100 feet of capacity is available by physically altering the median. While this would not fully address queuing at this location under Cumulative Plus Project Conditions, it would help alleviate queue spill back.

Notes: **Bold** text indicates vehicle queuing exceeds available storage capacity. **<u>Bold and underlined</u>** text indicates where the addition of project trips increases queues at locations where cars are already exceeding available storge capacity or to form queue lengths that exceed available storage capacity.

1. Rounded to the nearest 5 feet.
2. AM = morning peak hour, PM = evening peak hour.
3. Calculated from number of cars in queue (assuming each car is about 25 feet long). Rounded to nearest 25 feet. No Project refers to Cumulative Conditions and Plus Project refers to Cumulative Plus Project Conditions.

Source: Fehr & Peers, 2023.

Freeway Off-Ramp Queuing Analysis

As discussed in **Chapter 7**, both the northbound and southbound off-ramps are estimated to have sufficient storage to accommodate the projected queues, and no adverse off-ramp operations effects are identified under Background Plus Project or Cumulative Plus Project conditions. No improvements are necessary.

Pedestrian Analysis

As noted in **Chapter 1**, the Project proposes to remove channelized right-turns at the following intersections for the specified movements:

- Cottle Road/Hospital Parkway: westbound right-turn and northbound right turn
- Santa Teresa Boulevard/Camino Verde Drive: southbound right-turn and westbound right-turn

The removal of the referenced channelized right-turns will require signal modification, striping, etc. and has direct benefits to pedestrian travel. The crossing distances are shortened, thus reducing the total crossing time, and vehicle right-turn speeds are reduced, allowing quicker stopping of cars.

No other changes are being made to study intersections and entry points to the Project site. Sidewalks around Hospital Parkway and Camino Verde Drive would also provide pedestrian access to the new facility, as well as from existing pedestrian crosswalks across Camino Verde Drive that would also lead to the new parking structure. The Project does not propose a new mid-block crosswalk on Camino Verde Drive between International Circle and Santa Teresa Boulevard, because pedestrian access within the garage, including stairwells and elevators between floors will provide access for pedestrians at the north-

west and south-west corners of the garage; thus, pedestrians will use the crosswalks at the Camino Verde Drive intersections at International Circle and Santa Teresa Boulevard. The Project supports the goals of Envision 2040 and does not substantially increase hazards due to a geometric design feature; thus, the Project is not considered to have an adverse impact on pedestrian facilities.

Bicycle Analysis

Consistent with *Better Bike Plan 2025*, the project will implement Class IV separated bikeways along the Project frontage along Santa Teresa Boulevard and Cottle Road. In addition, the Project proposes to provide Class II bike lanes along Camino Verde between Santa Teresa Boulevard and International Circle. The Project supports the goals of Envision 2040 and does not substantially increase hazards due to a geometric design feature thus the Project is not considered to have an adverse impact on bicycle facilities.

Transit Analysis

There are two bus stops internal to the site along International Circle, as well as several bus stops along Santa Teresa Boulevard and Cottle Road that provide bus access to the site. The Project will improve the bus stop along the Project perimeter on Santa Teresa Boulevard to provide a new bus shelter. In addition, the Project is within walking distance of the VTA Blue Line LRT station at Cottle Road.

Significant deficiencies to transit service would occur if the Project or any part of the Project conflicts with a plan, ordinance, or policy addressing the circulation system, including transit paths. The Project is consistent with the goals of Envision 2040 and does not conflict with any existing or planned transit improvement in the area; thus, the Project is not considered to have an adverse impact on transit facilities.

Transit Delay Analysis

Transit vehicles operating on the same roadways used by private vehicles to access the Project site could incur additional delay due to increased auto congestion. Through movement delays along the primary corridors are used to determine potential increases to transit vehicle delay. The difference between the No Project and Plus Project values is the added transit vehicle delay. The results are shown in **Table 9-2**.

The City of San José and VTA do not currently have established policies or significance criteria related to transit vehicle delay. Per VTA Guidelines, if increased transit vehicle delay is found, the City of San José should work with VTA to identify transit priority measures near the affected facility and include contributions to any applicable projects that improve transit speed and reliability.

Within the Project area, the traffic created by the Project will increase travel times by less than 30 seconds for all routes under all scenarios. Under the Background Plus Project scenario, travel times are improved in the northbound and southbound directions for Routes 27 and 66. Under the Cumulative Plus Project scenario, travel times are improved in the northbound direction for Route 66, and in the southbound direction for Route 66 and Express 102. Since the changes in transit travel time are nominal, no improvements are identified.

Table 9-2: Additional Transit Vehicle Delay By Route

Affected Transit Routes	Peak Hour	Projected Additional Delay (sec)				Affected Corridors
		Background Plus Project		Cumulative Plus Project		
		NB/EB	SB/WB	NB/EB	SB/WB	
Express 102	AM PM	3.8 3.8	10.3 11.1	5.3 1.1	6.1 -2.8	Santa Teresa Blvd[1]
27	AM PM	-5.5 -7.7	11.1 -5.4	1.1 8.7	20.4 23.9	Santa Teresa Blvd[1] International Cir[2] Camino Verde Dr[3] Cottle Rd[4]
68	AM PM	8.4 12.5	0.4 0.8	22.7 0.9	14.4 6.3	Santa Teresa Blvd[1] Cottle Rd[4]
66	AM PM	-3.5 -9.8	-2.1 -8.9	3.8 -1.7	-0.4 9.4	Santa Teresa Blvd[1] International Cir[2] Camino Verde Dr[3]

Notes:

1. Santa Teresa Boulevard corridor is defined as between Cottle Road and Camino Verde Drive.
2. International Circle corridor is defined as between Hospital Parkway and Camino Verde Drive.
3. Camino Verde Drive corridor is defined as between International Circle and Santa Teresa Boulevard.
4. Cottle Road corridor is defined as between Beswick Drive / Raleigh Road and Santa Teresa Boulevard.

Source: Fehr & Peers, 2023.

Appendix A:
Intersection Turning Movement Counts

TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
San Jose, CA 95119
tdsbay@cs.com

File Name : 1AM FINAL
Site Code : 00000001
Start Date : 6/6/2023
Page No : 1

Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					RALEIGH RD Westbound					COTTLE RD Northbound					BESWICK DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	4	76	6	1	87	13	5	83	7	108	17	101	17	4	139	65	10	10	1	86	420
07:15 AM	2	89	3	1	95	14	15	102	2	133	11	119	24	4	158	77	5	11	0	93	479
07:30 AM	2	107	1	0	110	12	13	101	4	130	10	141	20	5	176	86	8	14	1	109	525
07:45 AM	4	132	4	2	142	9	26	84	0	119	21	152	33	4	210	107	17	17	1	142	613
Total	12	404	14	4	434	48	59	370	13	490	59	513	94	17	683	335	40	52	3	430	2037
08:00 AM	9	136	3	1	149	14	62	93	6	175	30	163	58	4	255	107	23	15	1	146	725
08:15 AM	8	183	6	2	199	11	18	95	2	126	34	146	59	4	243	129	28	25	0	182	750
08:30 AM	8	107	3	0	118	15	16	96	4	131	51	175	33	8	267	85	30	21	1	137	653
08:45 AM	8	146	10	2	166	15	11	75	5	106	34	214	43	2	293	89	12	18	2	121	686
Total	33	572	22	5	632	55	107	359	17	538	149	698	193	18	1058	410	93	79	4	586	2814
Grand Total	45	976	36	9	1066	103	166	729	30	1028	208	1211	287	35	1741	745	133	131	7	1016	4851
Apprch %	4.2	91.6	3.4	0.8		10	16.1	70.9	2.9		11.9	69.6	16.5	2		73.3	13.1	12.9	0.7		
Total %	0.9	20.1	0.7	0.2	22	2.1	3.4	15	0.6	21.2	4.3	25	5.9	0.7	35.9	15.4	2.7	2.7	0.1	20.9	
Lights	43	945	36	9	1033	102	164	726	30	1022	205	1186	285	35	1711	739	133	125	7	1004	4770
% Lights	95.6	96.8	100	100	96.9	99	98.8	99.6	100	99.4	98.6	97.9	99.3	100	98.3	99.2	100	95.4	100	98.8	98.3
Buses	0	18	0	0	18	0	2	1	0	3	2	17	0	0	19	3	0	0	0	3	43
% Buses	0	1.8	0	0	1.7	0	1.2	0.1	0	0.3	1	1.4	0	0	1.1	0.4	0	0	0	0.3	0.9
Trucks	2	13	0	0	15	1	0	2	0	3	1	8	2	0	11	3	0	6	0	9	38
% Trucks	4.4	1.3	0	0	1.4	1	0	0.3	0	0.3	0.5	0.7	0.7	0	0.6	0.4	0	4.6	0	0.9	0.8

	COTTLE RD Southbound				RALEIGH RD Westbound				COTTLE RD Northbound				BESWICK DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**9**	136	3	148	14	**62**	93	**169**	30	163	58	251	107	23	15	145	713
08:15 AM	8	**183**	6	**197**	11	18	95	124	34	146	**59**	239	**129**	28	**25**	**182**	**742**
08:30 AM	8	107	3	118	**15**	16	**96**	127	**51**	175	33	259	85	**30**	21	136	640
08:45 AM	8	146	**10**	164	15	11	75	101	34	**214**	43	**291**	89	12	18	119	675
Total Volume	33	572	22	627	55	107	359	521	149	698	193	1040	410	93	79	582	2770
% App. Total	5.3	91.2	3.5		10.6	20.5	68.9		14.3	67.1	18.6		70.4	16	13.6		
PHF	.917	.781	.550	.796	.917	.431	.935	.771	.730	.815	.818	.893	.795	.775	.790	.799	.933

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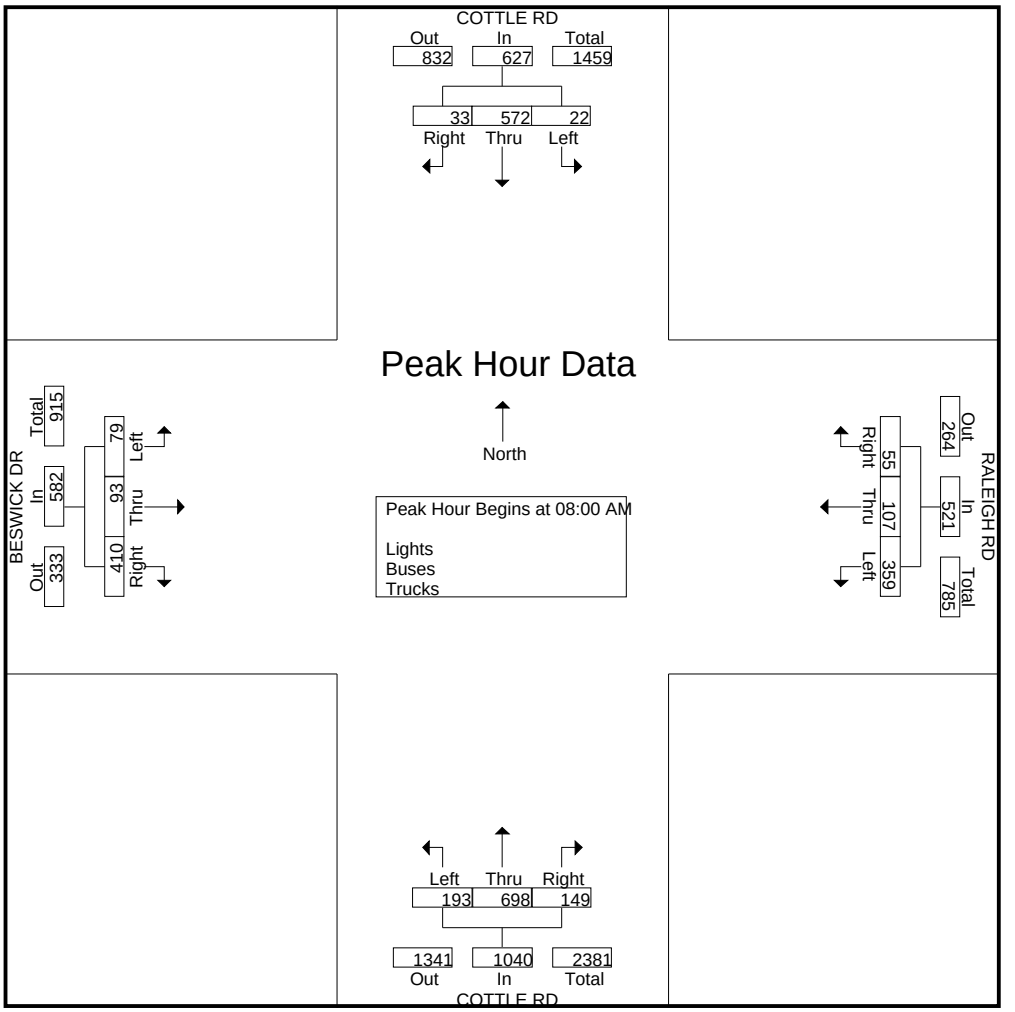

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Groups Printed- Bikes

	COTTLE RD Southbound					RALEIGH RD Westbound					COTTLE RD Northbound					BESWICK DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
07:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Grand Total	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	2	0	0	2	4
Apprch %	0	0	0	0		100	0	0	0		0	100	0	0		0	100	0	0		
Total %	0	0	0	0	0	25	0	0	0	25	0	25	0	0	25	0	50	0	0	50	

	COTTLE RD Southbound				RALEIGH RD Westbound				COTTLE RD Northbound				BESWICK DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	**1**	0	**1**	0	0	0	0	**1**
07:30 AM	0	0	0	0	**1**	0	0	**1**	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	**1**	1
Total Volume	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	1	3
% App. Total	0	0	0		100	0	0		0	100	0		0	100	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.000	.250	.000	.250	.000	.250	.000	.250	.750

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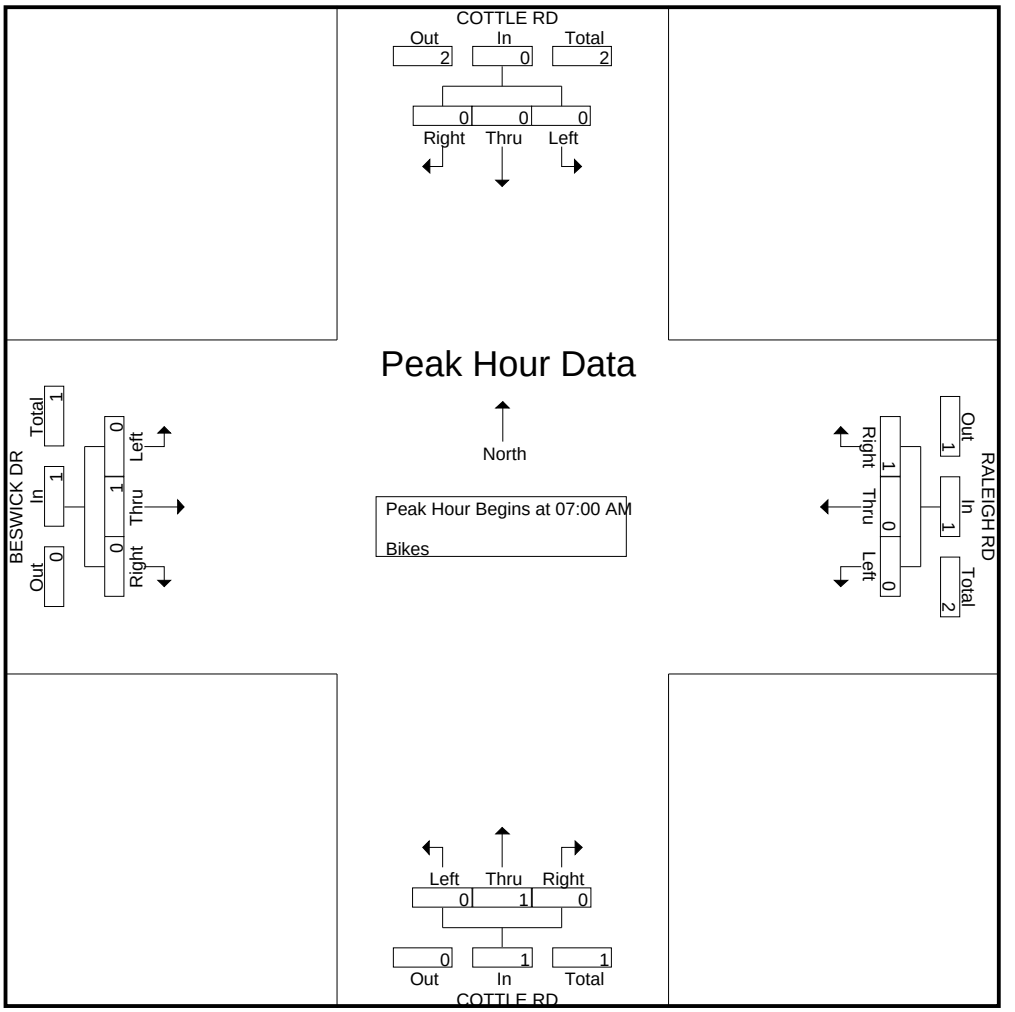

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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					RALEIGH RD Westbound					COTTLE RD Northbound					BESWICK DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	15	145	12	5	177	8	26	73	2	109	62	288	51	1	402	80	21	20	3	124	812
04:15 PM	12	122	11	2	147	21	19	69	1	110	55	255	44	1	355	82	27	31	3	143	755
04:30 PM	13	135	17	4	169	15	28	61	1	105	84	253	63	0	400	58	28	32	1	119	793
04:45 PM	13	130	10	1	154	17	34	75	1	127	75	228	54	1	358	72	20	37	0	129	768
Total	53	532	50	12	647	61	107	278	5	451	276	1024	212	3	1515	292	96	120	7	515	3128
05:00 PM	11	130	9	1	151	21	28	66	7	122	80	305	74	0	459	73	38	37	0	148	880
05:15 PM	15	147	12	1	175	21	32	69	8	130	71	270	60	0	401	76	26	29	0	131	837
05:30 PM	11	126	13	1	151	15	28	80	9	132	83	271	55	1	410	76	32	25	2	135	828
05:45 PM	14	128	8	3	153	16	20	86	6	128	80	263	60	5	408	65	22	18	1	106	795
Total	51	531	42	6	630	73	108	301	30	512	314	1109	249	6	1678	290	118	109	3	520	3340
Grand Total	104	1063	92	18	1277	134	215	579	35	963	590	2133	461	9	3193	582	214	229	10	1035	6468
Apprch %	8.1	83.2	7.2	1.4		13.9	22.3	60.1	3.6		18.5	66.8	14.4	0.3		56.2	20.7	22.1	1		
Total %	1.6	16.4	1.4	0.3	19.7	2.1	3.3	9	0.5	14.9	9.1	33	7.1	0.1	49.4	9	3.3	3.5	0.2	16	
Lights	104	1046	92	18	1260	132	215	576	35	958	590	2103	461	9	3163	578	210	228	10	1026	6407
% Lights	100	98.4	100	100	98.7	98.5	100	99.5	100	99.5	100	98.6	100	100	99.1	99.3	98.1	99.6	100	99.1	99.1
Buses	0	12	0	0	12	1	0	0	0	1	0	17	0	0	17	0	2	0	0	2	32
% Buses	0	1.1	0	0	0.9	0.7	0	0	0	0.1	0	0.8	0	0	0.5	0	0.9	0	0	0.2	0.5
Trucks	0	5	0	0	5	1	0	3	0	4	0	13	0	0	13	4	2	1	0	7	29
% Trucks	0	0.5	0	0	0.4	0.7	0	0.5	0	0.4	0	0.6	0	0	0.4	0.7	0.9	0.4	0	0.7	0.4

	COTTLE RD Southbound				RALEIGH RD Westbound				COTTLE RD Northbound				BESWICK DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	11	130	9	150	**21**	28	66	115	80	**305**	**74**	**459**	73	**38**	**37**	**148**	**872**
05:15 PM	**15**	**147**	12	**174**	21	**32**	69	122	71	270	60	401	**76**	26	29	131	828
05:30 PM	11	126	**13**	150	15	28	80	**123**	**83**	271	55	409	76	32	25	133	815
05:45 PM	14	128	8	150	16	20	**86**	122	80	263	60	403	65	22	18	105	780
Total Volume	51	531	42	624	73	108	301	482	314	1109	249	1672	290	118	109	517	3295
% App. Total	8.2	85.1	6.7		15.1	22.4	62.4		18.8	66.3	14.9		56.1	22.8	21.1		
PHF	.850	.903	.808	.897	.869	.844	.875	.980	.946	.909	.841	.911	.954	.776	.736	.873	.945

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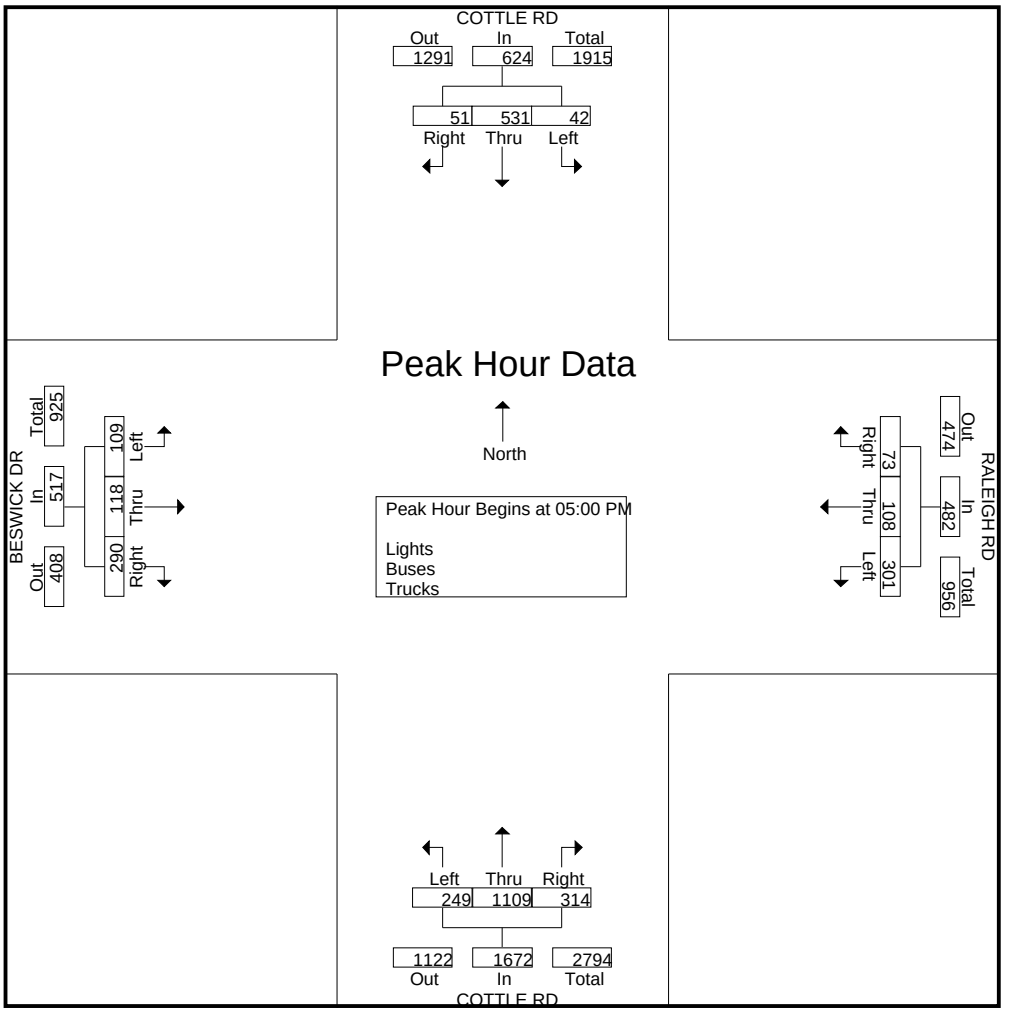

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File Name : 1PM FINAL
Site Code : 00000001
Start Date : 6/6/2023
Page No : 1

Groups Printed- Bikes

	COTTLE RD Southbound					RALEIGH RD Westbound					COTTLE RD Northbound					BESWICK DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	2	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	2	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	3
Grand Total	0	1	0	0	1	0	0	1	0	1	1	0	0	0	1	2	1	0	0	3	6
Apprch %	0	100	0	0		0	0	100	0		100	0	0	0		66.7	33.3	0	0		
Total %	0	16.7	0	0	16.7	0	0	16.7	0	16.7	16.7	0	0	0	16.7	33.3	16.7	0	0	50	

	COTTLE RD Southbound				RALEIGH RD Westbound				COTTLE RD Northbound				BESWICK DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	**1**	0	0	**1**	**1**	**1**	0	**2**	**3**
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	2	3
% App. Total	0	0	0		0	0	0		100	0	0		50	50	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.250	.250	.000	.250	.250

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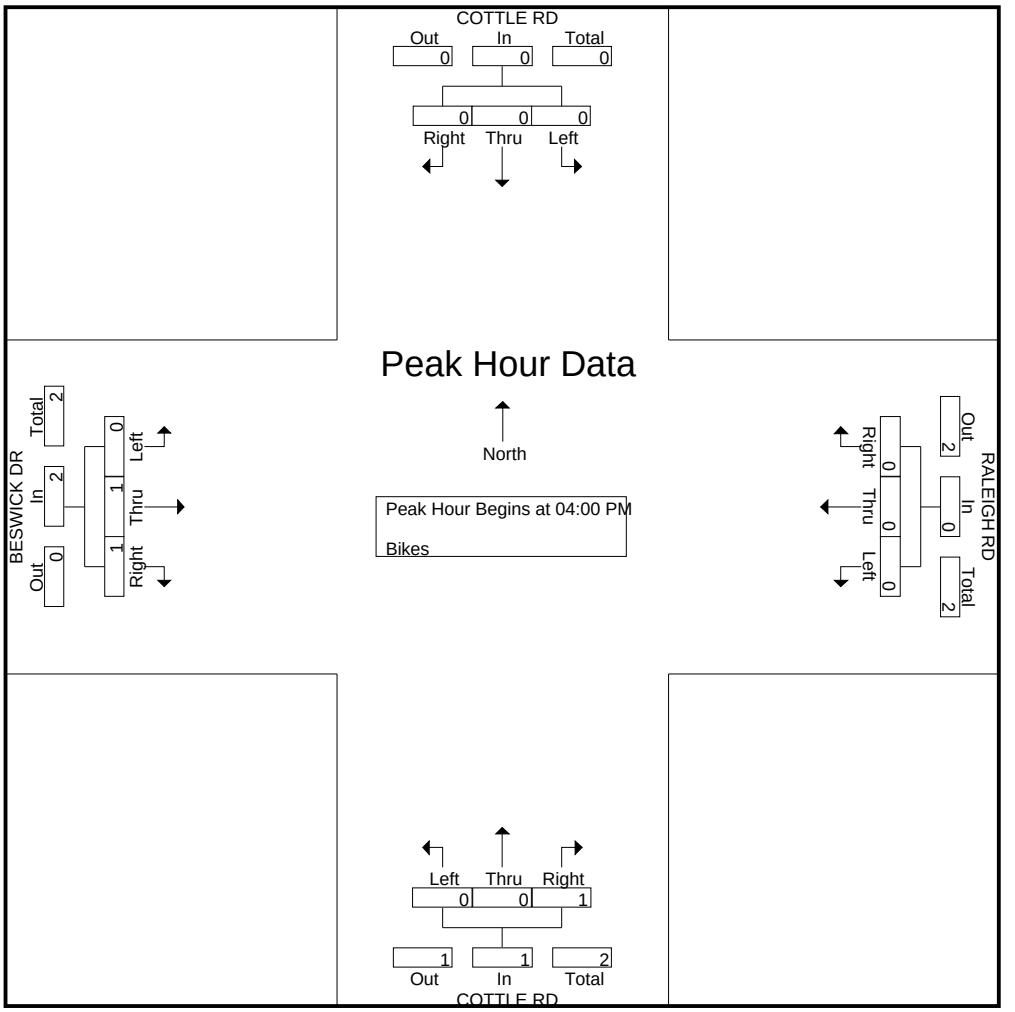

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File Name : 2AM FINAL
Site Code : 00000002
Start Date : 6/6/2023
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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					SR-85 NB RAMPS Westbound					COTTLE RD Northbound					SR-85 NB ON-RAMP Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	155	77	0	0	232	18	0	25	4	47	141	116	0	0	257	0	0	0	1	1	537
07:15 AM	168	103	0	0	271	17	1	31	6	55	160	144	0	0	304	0	0	0	1	1	631
07:30 AM	141	155	0	0	296	22	0	49	6	77	148	159	0	0	307	0	0	0	0	0	680
07:45 AM	113	197	0	0	310	20	0	58	3	81	123	171	0	0	294	0	0	0	0	0	685
Total	577	532	0	0	1109	77	1	163	19	260	572	590	0	0	1162	0	0	0	2	2	2533
08:00 AM	117	214	0	0	331	27	3	62	3	95	141	213	0	0	354	0	0	0	1	1	781
08:15 AM	135	249	0	0	384	25	0	82	4	111	133	204	0	0	337	0	0	0	0	0	832
08:30 AM	112	174	0	0	286	28	0	72	3	103	152	239	0	0	391	0	0	0	1	1	781
08:45 AM	119	158	0	0	277	23	0	50	4	77	166	252	0	0	418	0	0	0	0	0	772
Total	483	795	0	0	1278	103	3	266	14	386	592	908	0	0	1500	0	0	0	2	2	3166
Grand Total	1060	1327	0	0	2387	180	4	429	33	646	1164	1498	0	0	2662	0	0	0	4	4	5699
Apprch %	44.4	55.6	0	0		27.9	0.6	66.4	5.1		43.7	56.3	0	0		0	0	0	100		
Total %	18.6	23.3	0	0	41.9	3.2	0.1	7.5	0.6	11.3	20.4	26.3	0	0	46.7	0	0	0	0.1	0.1	
Lights	1055	1295	0	0	2350	177	4	427	33	641	1157	1465	0	0	2622	0	0	0	4	4	5617
% Lights	99.5	97.6	0	0	98.4	98.3	100	99.5	100	99.2	99.4	97.8	0	0	98.5	0	0	0	100	100	98.6
Buses	2	20	0	0	22	0	0	1	0	1	2	16	0	0	18	0	0	0	0	0	41
% Buses	0.2	1.5	0	0	0.9	0	0	0.2	0	0.2	0.2	1.1	0	0	0.7	0	0	0	0	0	0.7
Trucks	3	12	0	0	15	3	0	1	0	4	5	17	0	0	22	0	0	0	0	0	41
% Trucks	0.3	0.9	0	0	0.6	1.7	0	0.2	0	0.6	0.4	1.1	0	0	0.8	0	0	0	0	0	0.7

	COTTLE RD Southbound				SR-85 NB RAMPS Westbound				COTTLE RD Northbound				SR-85 NB ON-RAMP Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	117	214	0	331	27	**3**	62	92	141	213	0	354	0	0	0	0	777
08:15 AM	**135**	**249**	0	**384**	25	0	**82**	**107**	133	204	0	337	0	0	0	0	**828**
08:30 AM	112	174	0	286	**28**	0	72	100	152	239	0	391	0	0	0	0	777
08:45 AM	119	158	0	277	23	0	50	73	**166**	**252**	0	**418**	0	0	0	0	768
Total Volume	483	795	0	1278	103	3	266	372	592	908	0	1500	0	0	0	0	3150
% App. Total	37.8	62.2	0		27.7	0.8	71.5		39.5	60.5	0		0	0	0		
PHF	.894	.798	.000	.832	.920	.250	.811	.869	.892	.901	.000	.897	.000	.000	.000	.000	.951

TRAFFIC DATA SERVICE

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File Name : 2AM FINAL
Site Code : 00000002
Start Date : 6/6/2023
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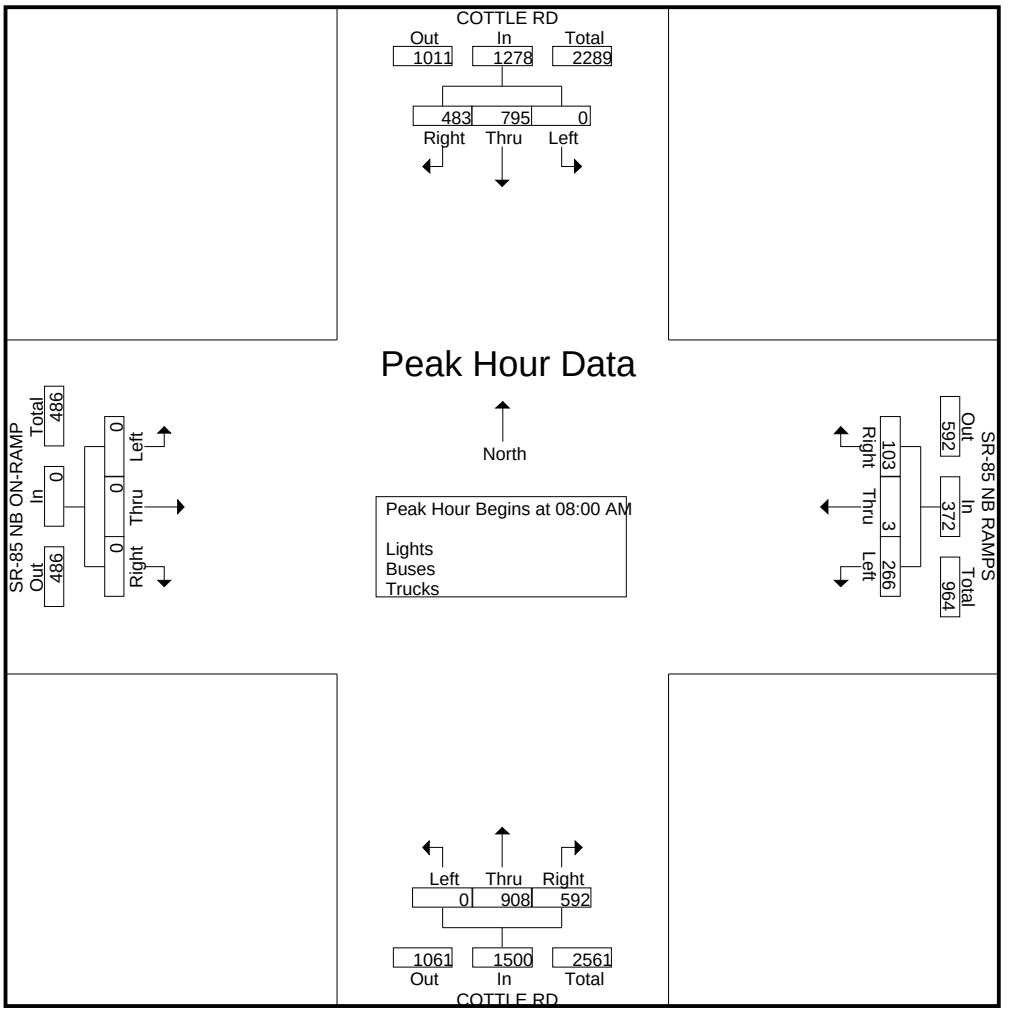

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File Name : 2AM FINAL
Site Code : 00000002
Start Date : 6/6/2023
Page No : 1

Groups Printed- Bikes

	COTTLE RD Southbound					SR-85 NB RAMPS Westbound					COTTLE RD Northbound					SR-85 NB ON-RAMP Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Grand Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Apprch %	0	0	0	0		0	0	0	0		0	100	0	0		0	0	0	0		
Total %	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	

	COTTLE RD Southbound				SR-85 NB RAMPS Westbound				COTTLE RD Northbound				SR-85 NB ON-RAMP Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	**1**	0	**1**	0	0	0	0	**1**
Total Volume	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
% App. Total	0	0	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.250

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File Name : 2AM FINAL
Site Code : 00000002
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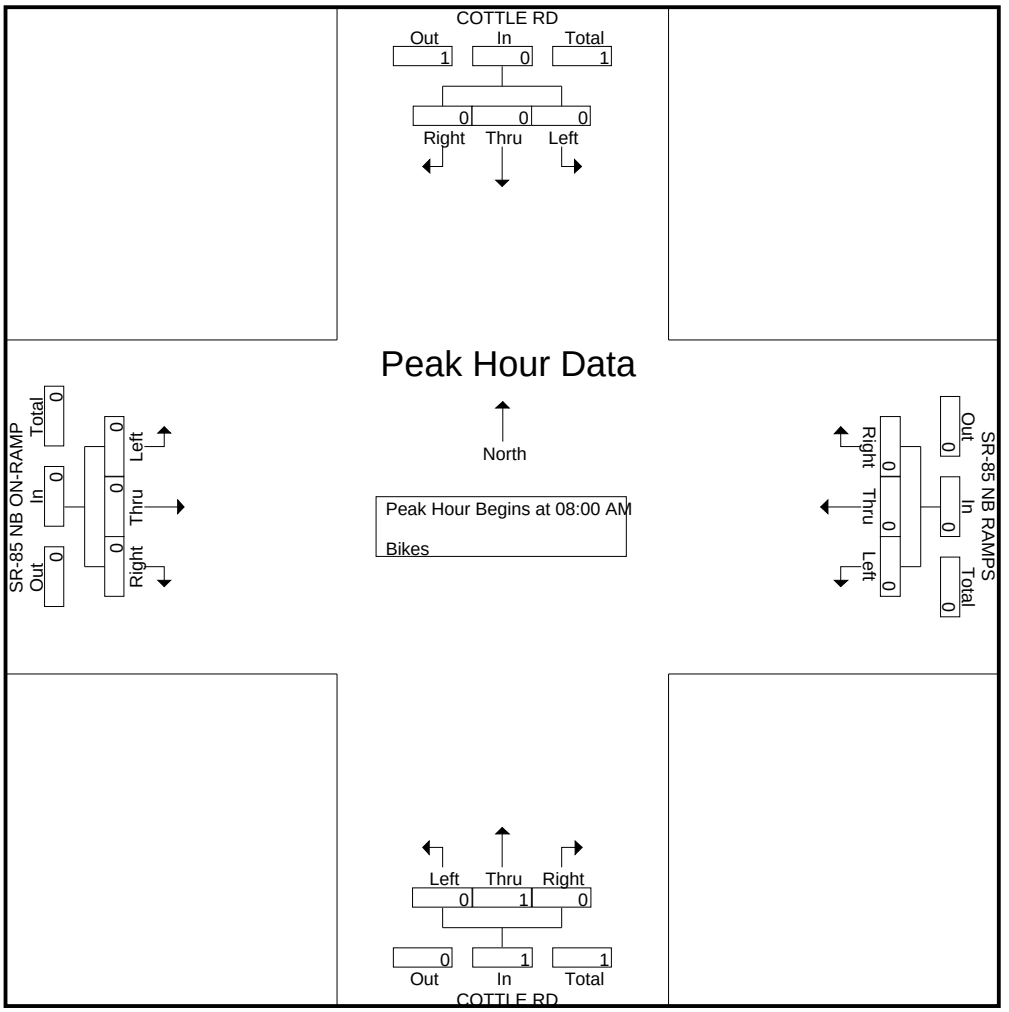

TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
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tdsbay@cs.com

File Name : 2PM FINAL
Site Code : 00000002
Start Date : 6/6/2023
Page No : 1

Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					SR-85 NB RAMPS Westbound					COTTLE RD Northbound					SR-85 NB ON-RAMP Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	94	195	0	0	289	38	0	59	9	106	153	340	0	0	493	0	0	0	5	5	893
04:15 PM	86	184	0	0	270	28	0	68	4	100	141	349	0	0	490	0	0	0	0	0	860
04:30 PM	92	180	0	0	272	44	2	62	0	108	143	346	0	0	489	0	0	0	2	2	871
04:45 PM	85	202	0	0	287	43	0	64	3	110	173	335	0	0	508	0	0	0	0	0	905
Total	357	761	0	0	1118	153	2	253	16	424	610	1370	0	0	1980	0	0	0	7	7	3529
05:00 PM	103	167	0	0	270	37	1	63	3	104	147	385	0	0	532	0	0	0	0	0	906
05:15 PM	105	190	0	0	295	36	0	56	9	101	179	369	0	0	548	0	0	0	3	3	947
05:30 PM	103	190	0	0	293	41	0	65	10	116	152	378	0	1	531	0	0	0	1	1	941
05:45 PM	97	185	0	0	282	36	0	61	7	104	163	357	0	0	520	0	0	0	4	4	910
Total	408	732	0	0	1140	150	1	245	29	425	641	1489	0	1	2131	0	0	0	8	8	3704
Grand Total	765	1493	0	0	2258	303	3	498	45	849	1251	2859	0	1	4111	0	0	0	15	15	7233
Apprch %	33.9	66.1	0	0		35.7	0.4	58.7	5.3		30.4	69.5	0	0		0	0	0	100		
Total %	10.6	20.6	0	0	31.2	4.2	0	6.9	0.6	11.7	17.3	39.5	0	0	56.8	0	0	0	0.2	0.2	
Lights	763	1475	0	0	2238	302	3	496	45	846	1245	2833	0	1	4079	0	0	0	15	15	7178
% Lights	99.7	98.8	0	0	99.1	99.7	100	99.6	100	99.6	99.5	99.1	0	100	99.2	0	0	0	100	100	99.2
Buses	2	18	0	0	20	0	0	2	0	2	5	17	0	0	22	0	0	0	0	0	44
% Buses	0.3	1.2	0	0	0.9	0	0	0.4	0	0.2	0.4	0.6	0	0	0.5	0	0	0	0	0	0.6
Trucks	0	0	0	0	0	1	0	0	0	1	1	9	0	0	10	0	0	0	0	0	11
% Trucks	0	0	0	0	0	0.3	0	0	0	0.1	0.1	0.3	0	0	0.2	0	0	0	0	0	0.2

	COTTLE RD Southbound				SR-85 NB RAMPS Westbound				COTTLE RD Northbound				SR-85 NB ON-RAMP Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	85	**202**	0	287	**43**	0	64	**107**	173	335	0	508	0	0	0	0	902
05:00 PM	103	167	0	270	37	**1**	63	101	147	**385**	0	532	0	0	0	0	903
05:15 PM	**105**	190	0	**295**	36	0	56	92	**179**	369	0	**548**	0	0	0	0	**935**
05:30 PM	103	190	0	293	41	0	**65**	106	152	378	0	530	0	0	0	0	929
Total Volume	396	749	0	1145	157	1	248	406	651	1467	0	2118	0	0	0	0	3669
% App. Total	34.6	65.4	0		38.7	0.2	61.1		30.7	69.3	0		0	0	0		
PHF	.943	.927	.000	.970	.913	.250	.954	.949	.909	.953	.000	.966	.000	.000	.000	.000	.981

TRAFFIC DATA SERVICE

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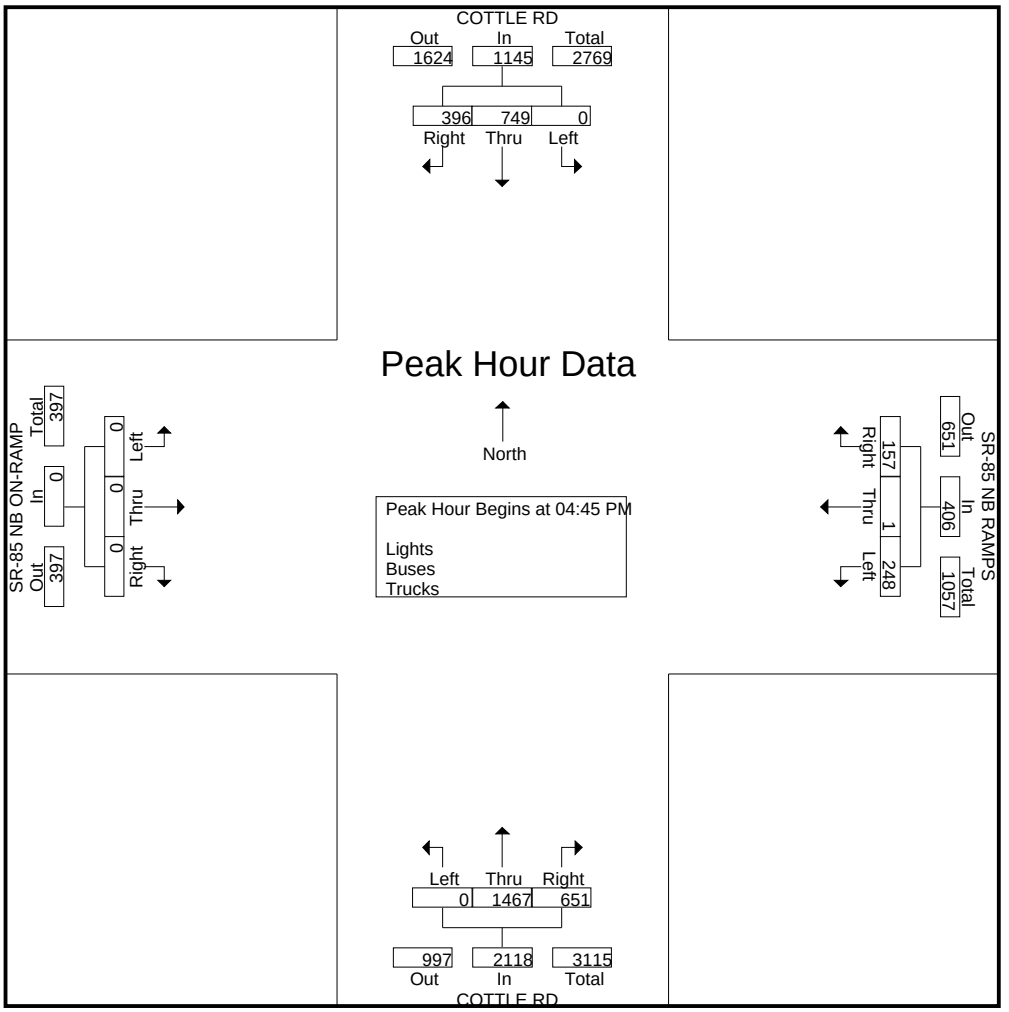

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File Name : 2PM FINAL
Site Code : 00000002
Start Date : 6/6/2023
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Groups Printed- Bikes

	COTTLE RD Southbound					SR-85 NB RAMPS Westbound					COTTLE RD Northbound					SR-85 NB ON-RAMP Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Apprch %	0	100	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
Total %	0	100	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

	COTTLE RD Southbound				SR-85 NB RAMPS Westbound				COTTLE RD Northbound				SR-85 NB ON-RAMP Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	**1**	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	**1**
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

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File Name : 2PM FINAL
Site Code : 00000002
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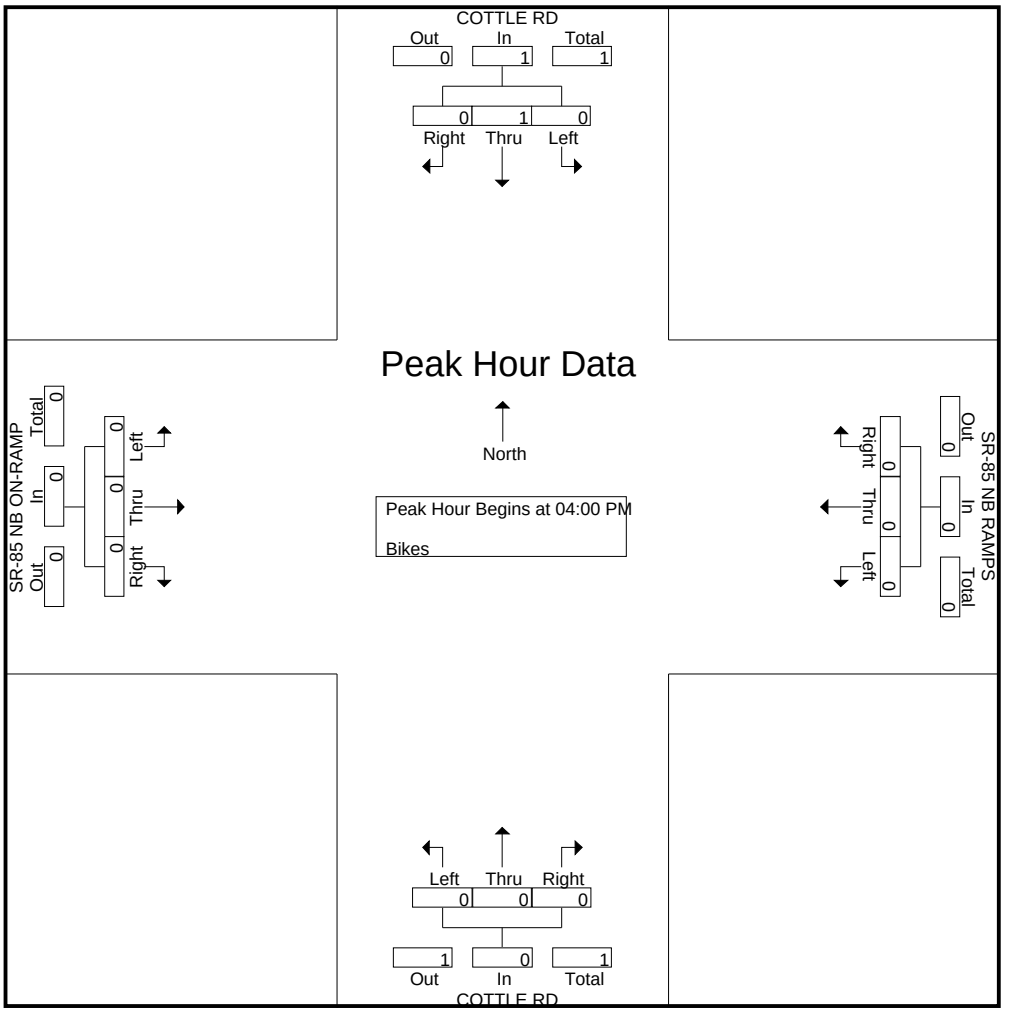
Page No : 2



TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
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File Name : 3AM FINAL
Site Code : 00000003
Start Date : 6/6/2023
Page No : 1

Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					COTTLE STATION Westbound					COTTLE RD Northbound					SR-85 SB RAMPS Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	12	83	1	2	98	1	0	0	2	3	2	237	0	0	239	73	1	33	3	110	450
07:15 AM	7	126	2	6	141	3	0	2	3	8	1	239	0	0	240	89	0	41	7	137	526
07:30 AM	25	178	0	1	204	0	0	0	4	4	0	259	0	1	260	110	2	39	1	152	620
07:45 AM	18	238	1	1	258	1	0	0	2	3	0	236	0	0	236	146	0	45	3	194	691
Total	62	625	4	10	701	5	0	2	11	18	3	971	0	1	975	418	3	158	14	593	2287
08:00 AM	14	239	3	0	256	1	0	0	5	6	3	301	0	0	304	156	0	66	0	222	788
08:15 AM	11	352	0	0	363	1	0	0	2	3	1	265	0	0	266	193	1	49	0	243	875
08:30 AM	9	239	0	0	248	3	0	0	3	6	2	291	0	0	293	139	2	76	0	217	764
08:45 AM	18	201	2	0	221	0	0	1	2	3	0	376	0	0	376	147	0	58	0	205	805
Total	52	1031	5	0	1088	5	0	1	12	18	6	1233	0	0	1239	635	3	249	0	887	3232
Grand Total	114	1656	9	10	1789	10	0	3	23	36	9	2204	0	1	2214	1053	6	407	14	1480	5519
Apprch %	6.4	92.6	0.5	0.6		27.8	0	8.3	63.9		0.4	99.5	0	0		71.1	0.4	27.5	0.9		
Total %	2.1	30	0.2	0.2	32.4	0.2	0	0.1	0.4	0.7	0.2	39.9	0	0	40.1	19.1	0.1	7.4	0.3	26.8	
Lights	113	1621	8	10	1752	9	0	3	23	35	9	2174	0	1	2184	1048	6	405	14	1473	5444
% Lights	99.1	97.9	88.9	100	97.9	90	0	100	100	97.2	100	98.6	0	100	98.6	99.5	100	99.5	100	99.5	98.6
Buses	0	20	1	0	21	1	0	0	0	1	0	17	0	0	17	2	0	0	0	2	41
% Buses	0	1.2	11.1	0	1.2	10	0	0	0	2.8	0	0.8	0	0	0.8	0.2	0	0	0	0.1	0.7
Trucks	1	15	0	0	16	0	0	0	0	0	0	13	0	0	13	3	0	2	0	5	34
% Trucks	0.9	0.9	0	0	0.9	0	0	0	0	0	0	0.6	0	0	0.6	0.3	0	0.5	0	0.3	0.6

	COTTLE RD Southbound				COTTLE STATION Westbound				COTTLE RD Northbound				SR-85 SB RAMPS Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	14	239	**3**	256	1	0	0	1	**3**	301	0	304	156	0	66	222	783
08:15 AM	11	**352**	0	**363**	1	0	0	1	1	265	0	266	**193**	1	49	**243**	**873**
08:30 AM	9	239	0	248	**3**	0	0	**3**	2	291	0	293	139	**2**	**76**	217	761
08:45 AM	**18**	201	2	221	0	0	**1**	1	0	**376**	0	**376**	147	0	58	205	803
Total Volume	52	1031	5	1088	5	0	1	6	6	1233	0	1239	635	3	249	887	3220
% App. Total	4.8	94.8	0.5		83.3	0	16.7		0.5	99.5	0		71.6	0.3	28.1		
PHF	.722	.732	.417	.749	.417	.000	.250	.500	.500	.820	.000	.824	.823	.375	.819	.913	.922

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6280 San Ignacio Ave Suite C
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File Name : 3AM FINAL
Site Code : 00000003
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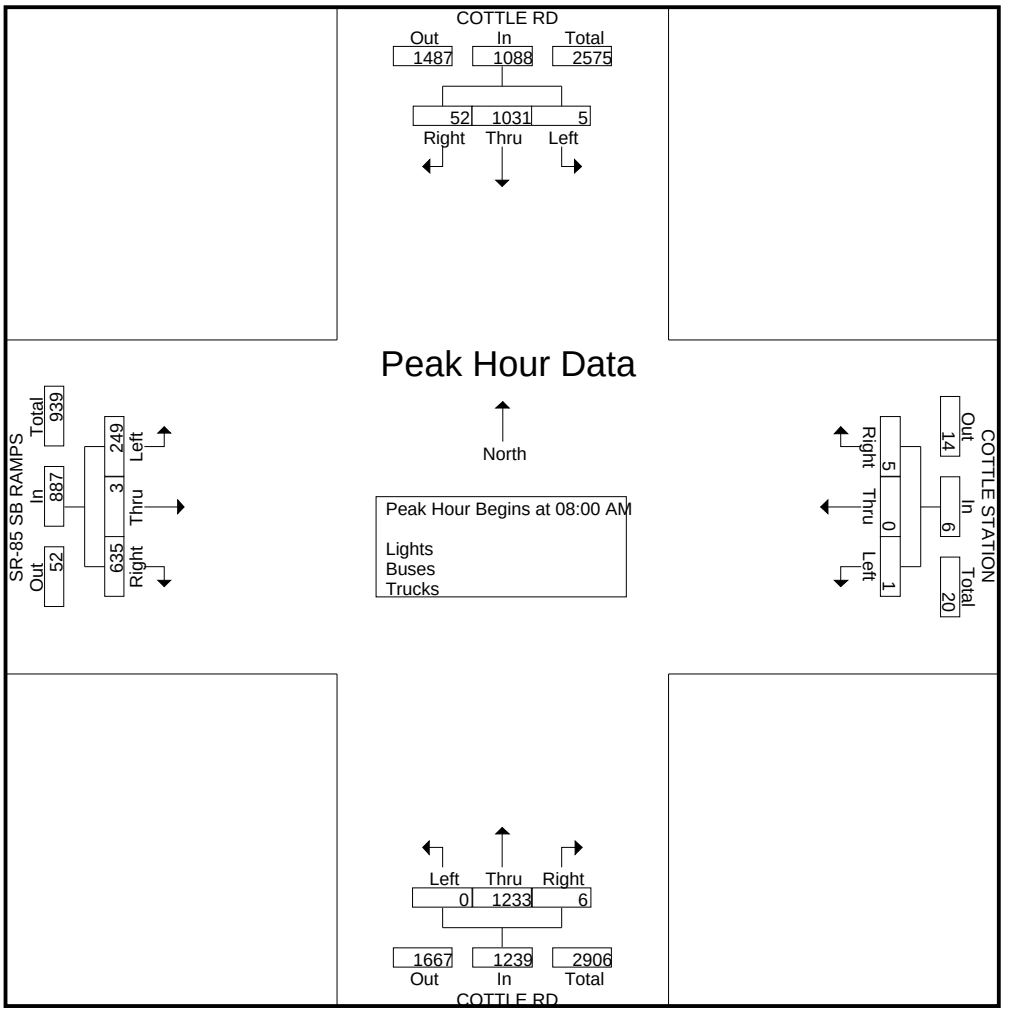

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6280 San Ignacio Ave Suite C
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File Name : 3AM FINAL
Site Code : 00000003
Start Date : 6/6/2023
Page No : 1

Groups Printed- Bikes

	COTTLE RD Southbound					COTTLE STATION Westbound					COTTLE RD Northbound					SR-85 SB RAMPS Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
Total %																					

	COTTLE RD Southbound				COTTLE STATION Westbound				COTTLE RD Northbound				SR-85 SB RAMPS Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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File Name : 3AM FINAL
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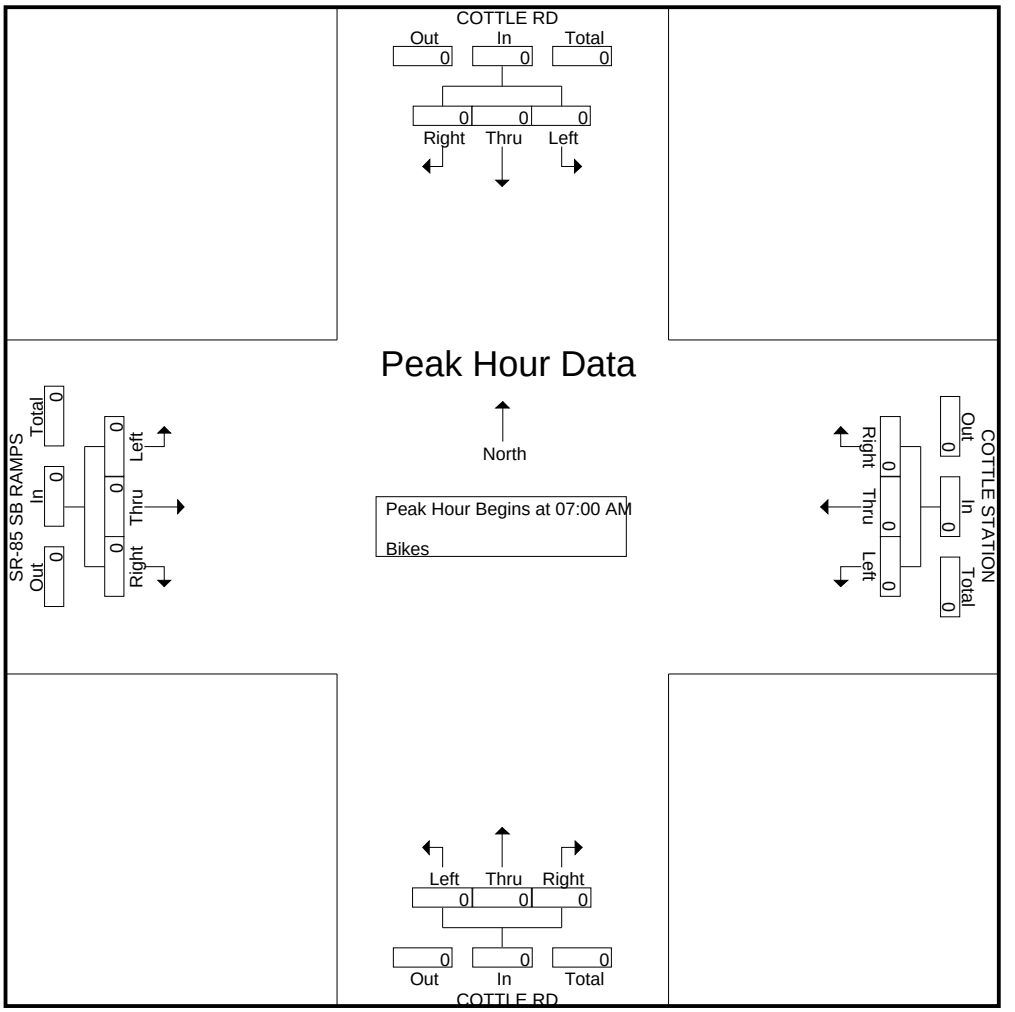

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File Name : 3PM FINAL
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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					COTTLE STATION Westbound					COTTLE RD Northbound					SR-85 SB RAMPS Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	24	237	1	0	262	3	0	2	9	14	2	382	0	0	384	166	0	125	3	294	954
04:15 PM	14	237	2	1	254	0	0	2	4	6	1	345	0	0	346	169	1	147	4	321	927
04:30 PM	17	212	4	0	233	3	0	1	4	8	0	334	0	1	335	156	2	128	1	287	863
04:45 PM	20	248	4	0	272	2	0	0	0	2	1	419	0	0	420	166	0	113	0	279	973
Total	75	934	11	1	1021	8	0	5	17	30	4	1480	0	1	1485	657	3	513	8	1181	3717
05:00 PM	25	202	2	1	230	2	0	4	2	8	1	358	0	0	359	170	0	173	1	344	941
05:15 PM	23	226	0	7	256	1	0	2	5	8	1	405	0	1	407	159	0	112	8	279	950
05:30 PM	15	225	2	7	249	3	0	5	10	18	2	365	0	0	367	170	2	137	13	322	956
05:45 PM	15	233	0	1	249	1	0	3	6	10	1	355	0	0	356	159	1	150	2	312	927
Total	78	886	4	16	984	7	0	14	23	44	5	1483	0	1	1489	658	3	572	24	1257	3774
Grand Total	153	1820	15	17	2005	15	0	19	40	74	9	2963	0	2	2974	1315	6	1085	32	2438	7491
Apprch %	7.6	90.8	0.7	0.8		20.3	0	25.7	54.1		0.3	99.6	0	0.1		53.9	0.2	44.5	1.3		
Total %	2	24.3	0.2	0.2	26.8	0.2	0	0.3	0.5	1	0.1	39.6	0	0	39.7	17.6	0.1	14.5	0.4	32.5	
Lights	152	1803	13	17	1985	13	0	19	40	72	9	2932	0	2	2943	1311	6	1083	32	2432	7432
% Lights	99.3	99.1	86.7	100	99	86.7	0	100	100	97.3	100	99	0	100	99	99.7	100	99.8	100	99.8	99.2
Buses	0	12	2	0	14	2	0	0	0	2	0	22	0	0	22	1	0	1	0	2	40
% Buses	0	0.7	13.3	0	0.7	13.3	0	0	0	2.7	0	0.7	0	0	0.7	0.1	0	0.1	0	0.1	0.5
Trucks	1	5	0	0	6	0	0	0	0	0	0	9	0	0	9	3	0	1	0	4	19
% Trucks	0.7	0.3	0	0	0.3	0	0	0	0	0	0	0.3	0	0	0.3	0.2	0	0.1	0	0.2	0.3

	COTTLE RD Southbound				COTTLE STATION Westbound				COTTLE RD Northbound				SR-85 SB RAMPS Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	20	**248**	**4**	**272**	2	0	0	2	1	**419**	0	**420**	166	0	113	279	**973**
05:00 PM	**25**	202	2	229	2	0	4	6	1	358	0	359	**170**	0	**173**	**343**	937
05:15 PM	23	226	0	249	1	0	2	3	1	405	0	406	159	0	112	271	929
05:30 PM	15	225	2	242	**3**	0	**5**	**8**	**2**	365	0	367	170	**2**	137	309	926
Total Volume	83	901	8	992	8	0	11	19	5	1547	0	1552	665	2	535	1202	3765
% App. Total	8.4	90.8	0.8		42.1	0	57.9		0.3	99.7	0		55.3	0.2	44.5		
PHF	.830	.908	.500	.912	.667	.000	.550	.594	.625	.923	.000	.924	.978	.250	.773	.876	.967

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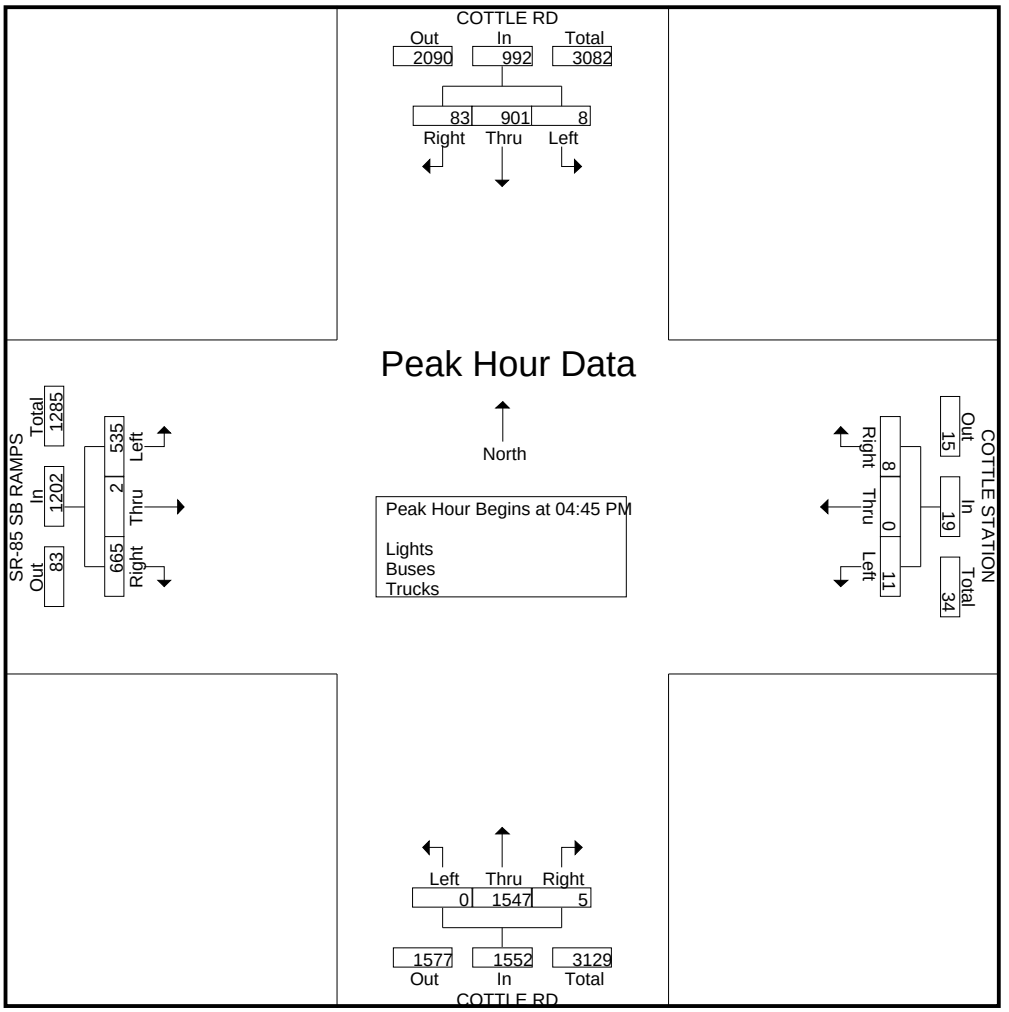

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File Name : 3PM FINAL
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Groups Printed- Bikes

	COTTLE RD Southbound					COTTLE STATION Westbound					COTTLE RD Northbound					SR-85 SB RAMPS Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Grand Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
Apprch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		
Total %	0	50	0	0	50	0	0	0	0	0	0	50	0	0	50	0	0	0	0	0	

	COTTLE RD Southbound				COTTLE STATION Westbound				COTTLE RD Northbound				SR-85 SB RAMPS Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	**1**	0	**1**	0	0	0	0	0	**1**	0	**1**	0	0	0	0	**2**
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.250

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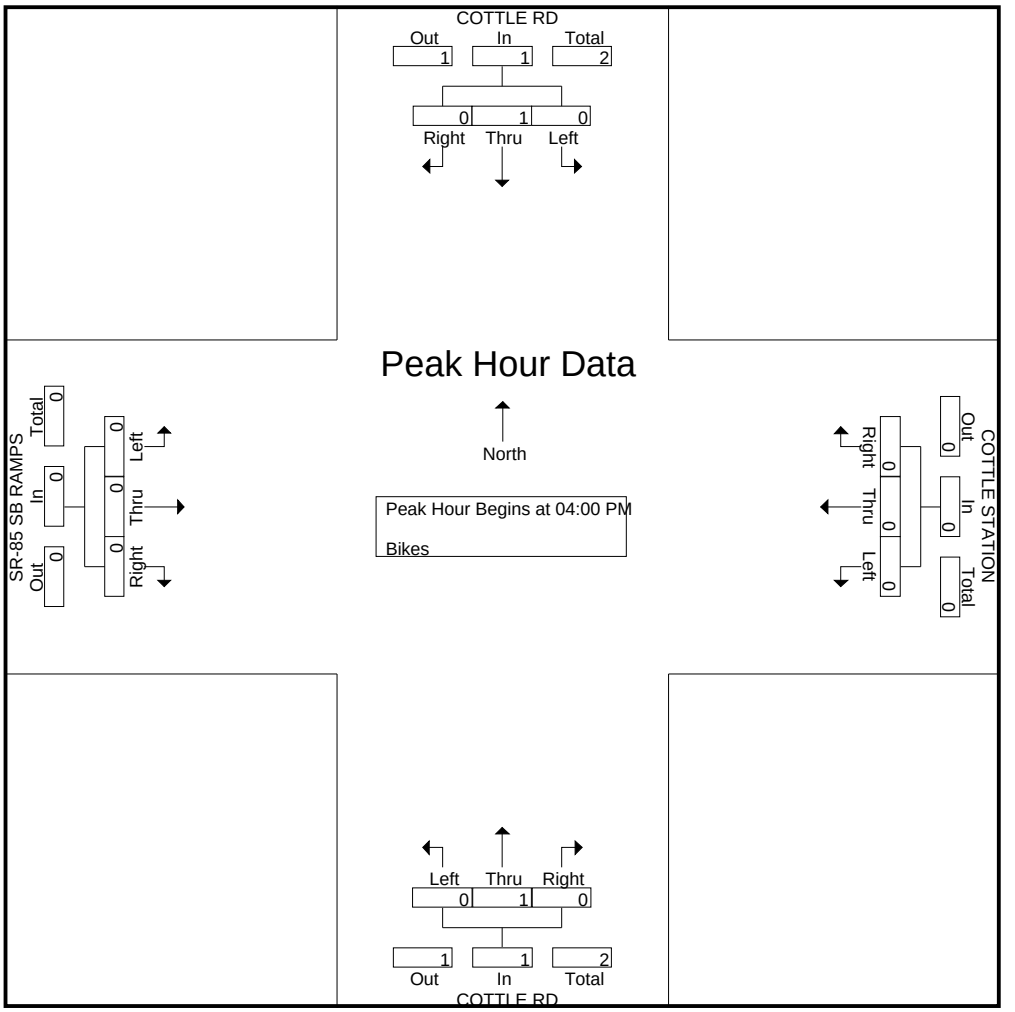

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File Name : 4AM FINAL
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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					HOSPITAL PKWY Westbound					COTTLE RD Northbound					PALMIA DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	14	63	81	1	159	24	0	4	0	28	3	160	2	0	165	11	0	75	1	87	439
07:15 AM	9	99	113	3	224	27	0	0	0	27	10	182	2	0	194	26	2	73	0	101	546
07:30 AM	16	132	141	0	289	69	2	5	0	76	4	180	2	0	186	32	2	59	0	93	644
07:45 AM	26	159	211	0	396	53	2	2	0	57	10	163	9	0	182	55	5	83	0	143	778
Total	65	453	546	4	1068	173	4	11	0	188	27	685	15	0	727	124	9	290	1	424	2407
08:00 AM	24	169	207	2	402	33	2	3	3	41	16	240	17	0	273	33	4	74	1	112	828
08:15 AM	29	214	263	1	507	47	1	0	0	48	19	186	15	0	220	57	7	73	7	144	919
08:30 AM	31	183	235	2	451	70	1	1	1	73	10	266	36	1	313	67	3	47	1	118	955
08:45 AM	21	120	190	0	331	87	3	2	1	93	14	218	40	0	272	20	2	79	1	102	798
Total	105	686	895	5	1691	237	7	6	5	255	59	910	108	1	1078	177	16	273	10	476	3500
Grand Total	170	1139	1441	9	2759	410	11	17	5	443	86	1595	123	1	1805	301	25	563	11	900	5907
Apprch %	6.2	41.3	52.2	0.3		92.6	2.5	3.8	1.1		4.8	88.4	6.8	0.1		33.4	2.8	62.6	1.2		
Total %	2.9	19.3	24.4	0.2	46.7	6.9	0.2	0.3	0.1	7.5	1.5	27	2.1	0	30.6	5.1	0.4	9.5	0.2	15.2	
Lights	165	1113	1438	9	2725	405	11	17	5	438	85	1568	121	1	1775	298	25	561	11	895	5833
% Lights	97.1	97.7	99.8	100	98.8	98.8	100	100	100	98.9	98.8	98.3	98.4	100	98.3	99	100	99.6	100	99.4	98.7
Buses	2	20	3	0	25	1	0	0	0	1	0	20	2	0	22	3	0	1	0	4	52
% Buses	1.2	1.8	0.2	0	0.9	0.2	0	0	0	0.2	0	1.3	1.6	0	1.2	1	0	0.2	0	0.4	0.9
Trucks	3	6	0	0	9	4	0	0	0	4	1	7	0	0	8	0	0	1	0	1	22
% Trucks	1.8	0.5	0	0	0.3	1	0	0	0	0.9	1.2	0.4	0	0	0.4	0	0	0.2	0	0.1	0.4

	COTTLE RD Southbound				HOSPITAL PKWY Westbound				COTTLE RD Northbound				PALMIA DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	24	169	207	400	33	2	**3**	38	16	240	17	273	33	4	74	111	822
08:15 AM	29	**214**	**263**	**506**	47	1	0	48	**19**	186	15	220	57	**7**	73	**137**	911
08:30 AM	**31**	183	235	449	70	1	1	72	10	**266**	36	**312**	**67**	3	47	117	**950**
08:45 AM	21	120	190	331	**87**	**3**	2	**92**	14	218	**40**	272	20	2	**79**	101	796
Total Volume	105	686	895	1686	237	7	6	250	59	910	108	1077	177	16	273	466	3479
% App. Total	6.2	40.7	53.1		94.8	2.8	2.4		5.5	84.5	10		38	3.4	58.6		
PHF	.847	.801	.851	.833	.681	.583	.500	.679	.776	.855	.675	.863	.660	.571	.864	.850	.916

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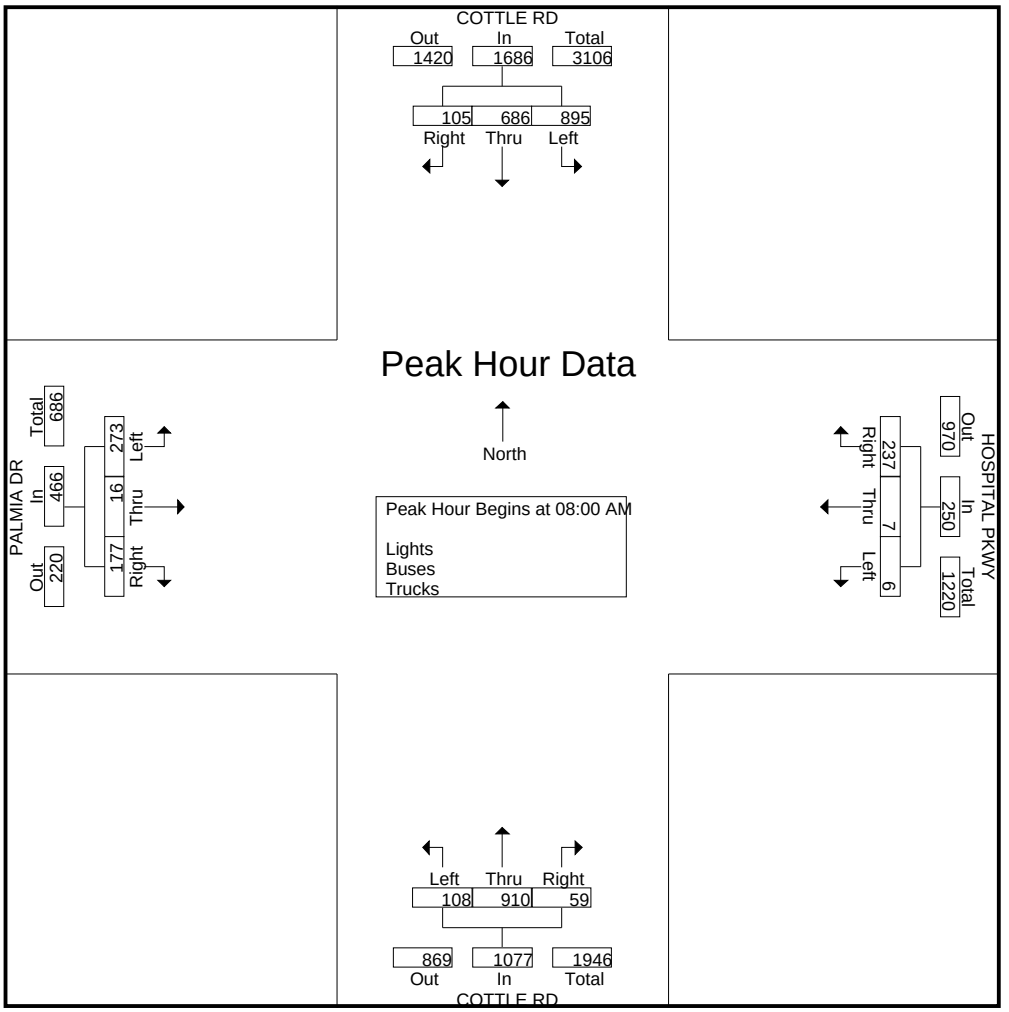

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File Name : 4AM FINAL
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Groups Printed- Bikes

	COTTLE RD Southbound					HOSPITAL PKWY Westbound					COTTLE RD Northbound					PALMIA DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Apprch %	0	0	0	0		0	0	0	0		0	0	0	0		0	100	0	0		
Total %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	

	COTTLE RD Southbound				HOSPITAL PKWY Westbound				COTTLE RD Northbound				PALMIA DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	**1**	**1**
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
% App. Total	0	0	0		0	0	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.250

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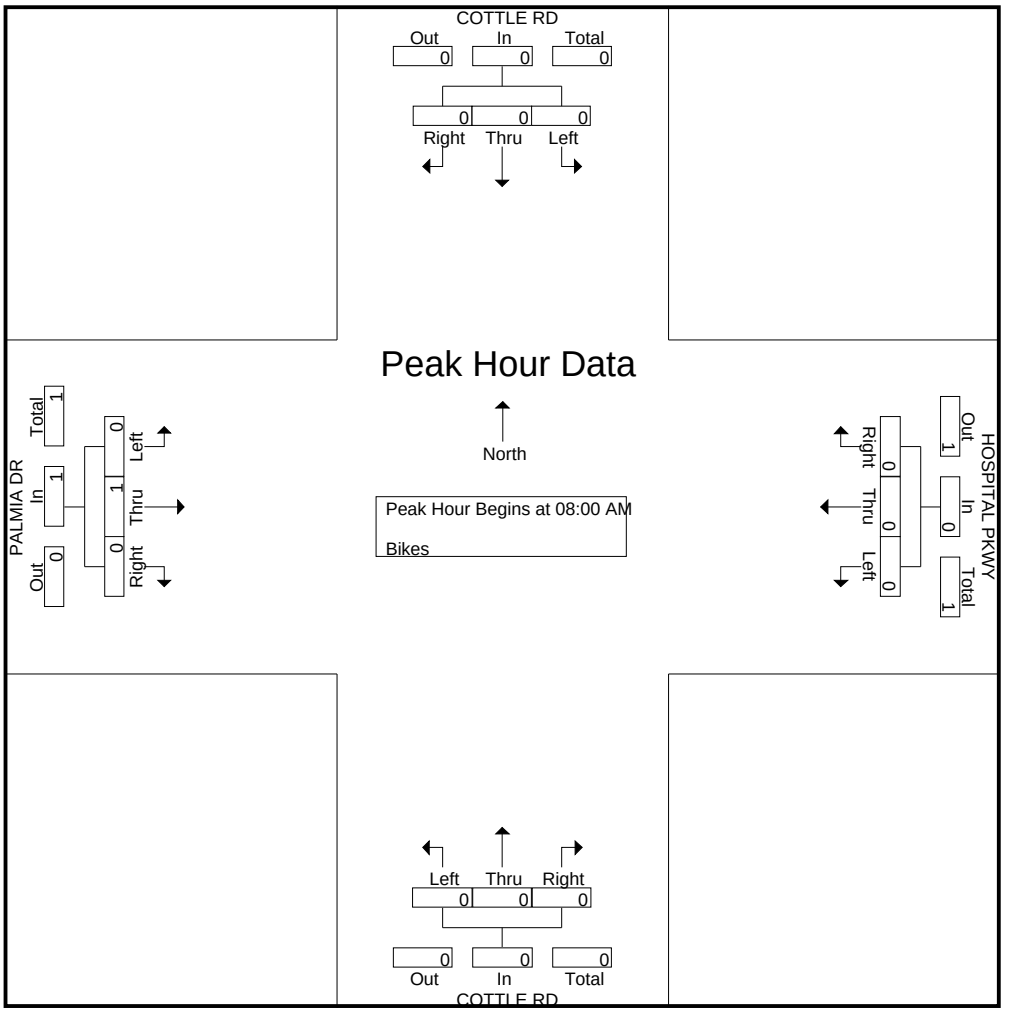

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File Name : 4PM FINAL
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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					HOSPITAL PKWY Westbound					COTTLE RD Northbound					PALMIA DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	72	231	132	0	435	181	1	14	5	201	16	195	9	1	221	12	0	37	1	50	907
04:15 PM	64	254	94	0	412	142	2	11	3	158	12	224	11	1	248	13	4	34	3	54	872
04:30 PM	63	221	101	1	386	189	4	14	1	208	10	204	18	0	232	27	1	35	2	65	891
04:45 PM	63	256	105	0	424	179	3	15	2	199	7	216	18	4	245	18	0	38	3	59	927
Total	262	962	432	1	1657	691	10	54	11	766	45	839	56	6	946	70	5	144	9	228	3597
05:00 PM	81	265	56	0	402	168	5	15	1	189	8	258	24	0	290	16	2	49	1	68	949
05:15 PM	90	261	57	2	410	158	3	10	1	172	5	252	27	1	285	17	0	49	3	69	936
05:30 PM	84	275	69	8	436	144	2	16	10	172	1	255	20	0	276	16	0	40	7	63	947
05:45 PM	93	264	67	2	426	149	1	7	3	160	6	187	23	1	217	24	0	48	2	74	877
Total	348	1065	249	12	1674	619	11	48	15	693	20	952	94	2	1068	73	2	186	13	274	3709
Grand Total	610	2027	681	13	3331	1310	21	102	26	1459	65	1791	150	8	2014	143	7	330	22	502	7306
Apprch %	18.3	60.9	20.4	0.4		89.8	1.4	7	1.8		3.2	88.9	7.4	0.4		28.5	1.4	65.7	4.4		
Total %	8.3	27.7	9.3	0.2	45.6	17.9	0.3	1.4	0.4	20	0.9	24.5	2.1	0.1	27.6	2	0.1	4.5	0.3	6.9	
Lights	609	2012	678	13	3312	1309	21	102	26	1458	63	1764	150	8	1985	143	7	328	22	500	7255
% Lights	99.8	99.3	99.6	100	99.4	99.9	100	100	100	99.9	96.9	98.5	100	100	98.6	100	100	99.4	100	99.6	99.3
Buses	0	12	0	0	12	0	0	0	0	0	0	17	0	0	17	0	0	0	0	0	29
% Buses	0	0.6	0	0	0.4	0	0	0	0	0	0	0.9	0	0	0.8	0	0	0	0	0	0.4
Trucks	1	3	3	0	7	1	0	0	0	1	2	10	0	0	12	0	0	2	0	2	22
% Trucks	0.2	0.1	0.4	0	0.2	0.1	0	0	0	0.1	3.1	0.6	0	0	0.6	0	0	0.6	0	0.4	0.3

	COTTLE RD Southbound				HOSPITAL PKWY Westbound				COTTLE RD Northbound				PALMIA DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	63	256	**105**	424	**179**	3	15	**197**	7	216	18	241	**18**	0	38	56	918
05:00 PM	81	265	56	402	168	**5**	15	188	**8**	**258**	24	**290**	16	**2**	**49**	**67**	**947**
05:15 PM	**90**	261	57	408	158	3	10	171	5	252	**27**	284	17	0	49	66	929
05:30 PM	84	**275**	69	**428**	144	2	**16**	162	1	255	20	276	16	0	40	56	922
Total Volume	318	1057	287	1662	649	13	56	718	21	981	89	1091	67	2	176	245	3716
% App. Total	19.1	63.6	17.3		90.4	1.8	7.8		1.9	89.9	8.2		27.3	0.8	71.8		
PHF	.883	.961	.683	.971	.906	.650	.875	.911	.656	.951	.824	.941	.931	.250	.898	.914	.981

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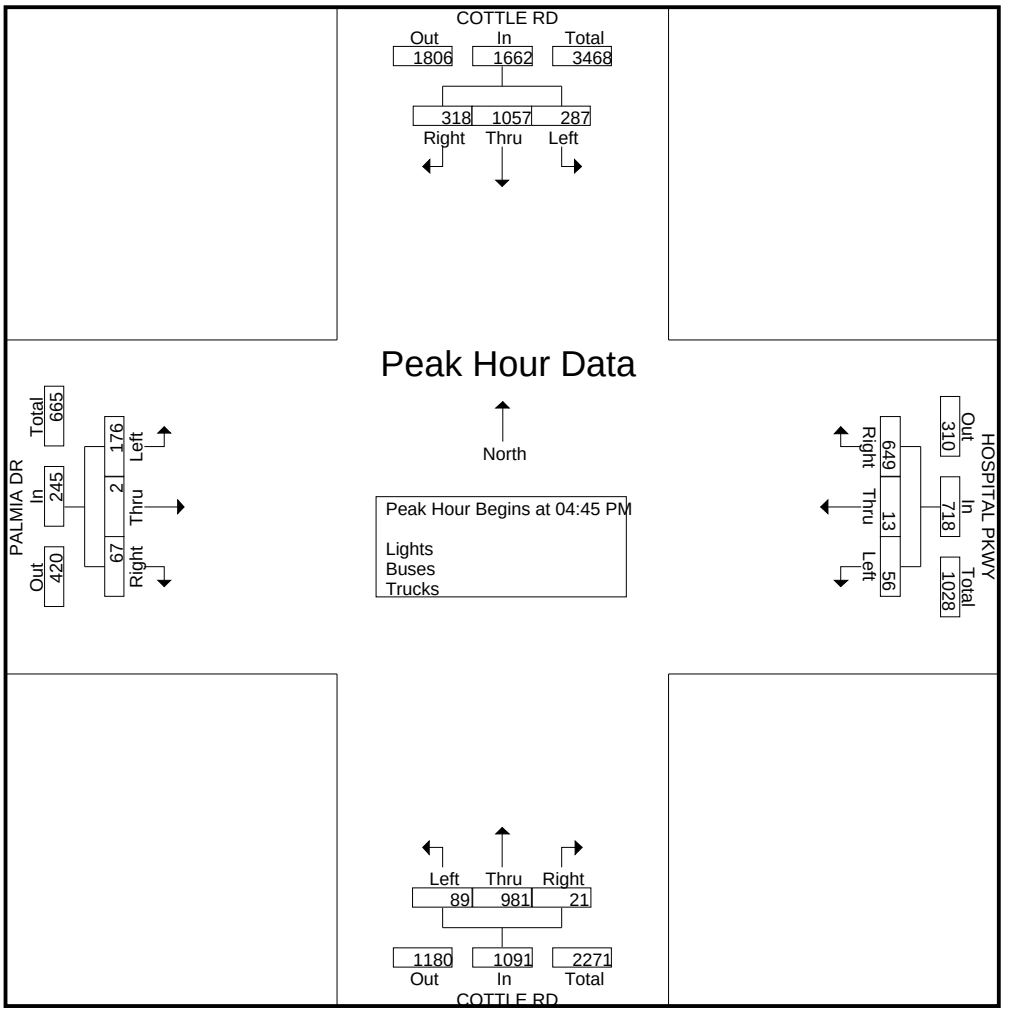

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Groups Printed- Bikes

	COTTLE RD Southbound					HOSPITAL PKWY Westbound					COTTLE RD Northbound					PALMIA DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	3
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
05:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Grand Total	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	8
Apprch %	40	60	0	0		0	0	0	0		0	0	0	0		100	0	0	0		
Total %	25	37.5	0	0	62.5	0	0	0	0	0	0	0	0	0	0	37.5	0	0	0	37.5	

	COTTLE RD Southbound				HOSPITAL PKWY Westbound				COTTLE RD Northbound				PALMIA DR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	**1**	**3**	0	**4**	0	0	0	0	0	0	0	0	0	0	0	0	**4**
05:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
% App. Total	40	60	0		0	0	0		0	0	0		0	0	0		
PHF	.500	.250	.000	.313	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.313

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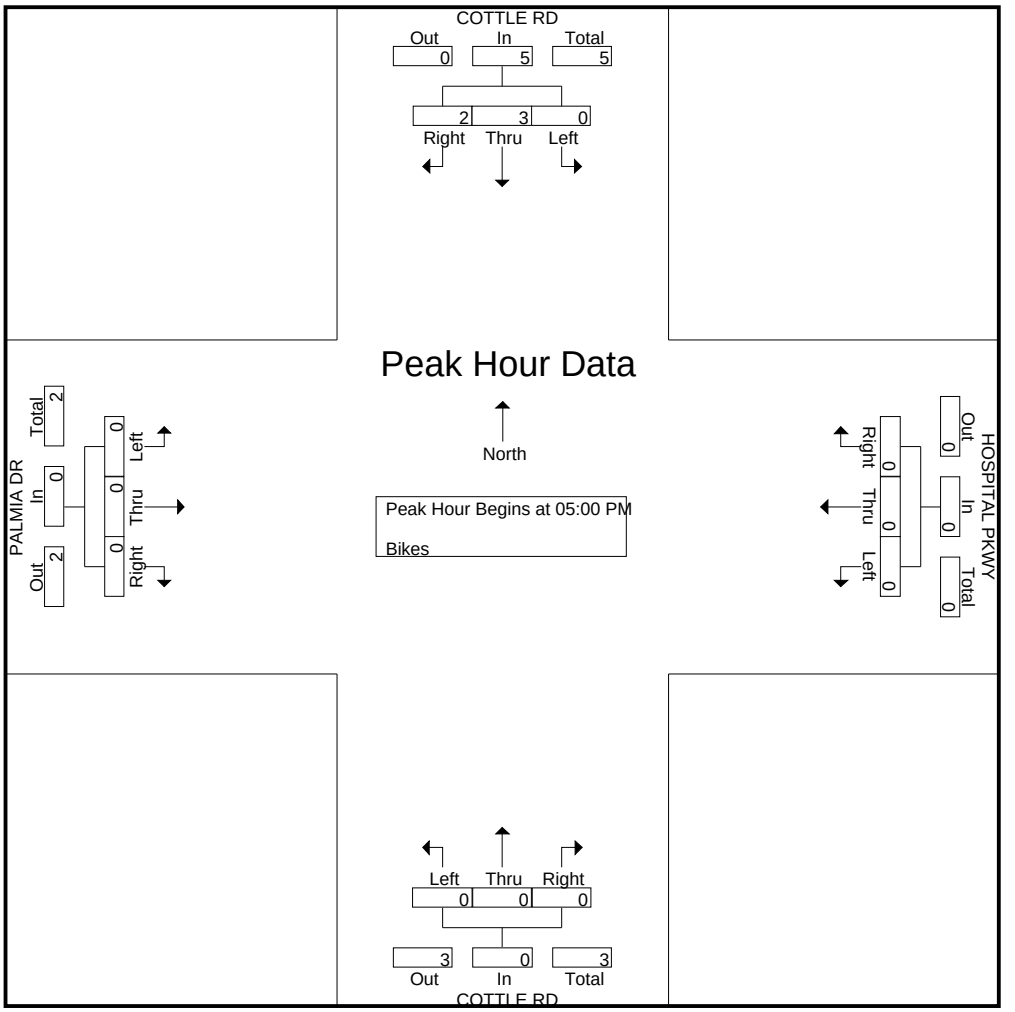

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File Name : 5AM FINAL
Site Code : 00000005
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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					SANTA TERESA BLVD Westbound					COTTLE RD Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	27	19	35	0	81	67	53	5	0	125	5	66	19	0	90	5	40	22	1	68	364
07:15 AM	50	34	35	1	120	71	80	3	3	157	6	100	31	2	139	6	52	43	1	102	518
07:30 AM	63	49	59	0	171	65	119	7	0	191	5	61	36	0	102	11	47	36	3	97	561
07:45 AM	61	97	78	2	238	46	115	8	1	170	9	95	40	0	144	32	81	46	2	161	713
Total	201	199	207	3	610	249	367	23	4	643	25	322	126	2	475	54	220	147	7	428	2156
08:00 AM	51	71	79	0	201	88	99	3	1	191	4	124	43	0	171	24	101	47	1	173	736
08:15 AM	91	76	97	0	264	90	74	18	2	184	9	91	32	0	132	24	89	61	4	178	758
08:30 AM	46	122	92	1	261	107	114	17	1	239	21	111	34	0	166	30	66	62	4	162	828
08:45 AM	40	66	59	0	165	73	59	15	1	148	11	133	28	2	174	19	88	60	0	167	654
Total	228	335	327	1	891	358	346	53	5	762	45	459	137	2	643	97	344	230	9	680	2976
Grand Total	429	534	534	4	1501	607	713	76	9	1405	70	781	263	4	1118	151	564	377	16	1108	5132
Apprch %	28.6	35.6	35.6	0.3		43.2	50.7	5.4	0.6		6.3	69.9	23.5	0.4		13.6	50.9	34	1.4		
Total %	8.4	10.4	10.4	0.1	29.2	11.8	13.9	1.5	0.2	27.4	1.4	15.2	5.1	0.1	21.8	2.9	11	7.3	0.3	21.6	
Lights	423	533	511	4	1471	587	682	75	9	1353	69	775	263	4	1111	150	540	372	16	1078	5013
% Lights	98.6	99.8	95.7	100	98	96.7	95.7	98.7	100	96.3	98.6	99.2	100	100	99.4	99.3	95.7	98.7	100	97.3	97.7
Buses	5	0	18	0	23	15	12	1	0	28	1	2	0	0	3	0	16	3	0	19	73
% Buses	1.2	0	3.4	0	1.5	2.5	1.7	1.3	0	2	1.4	0.3	0	0	0.3	0	2.8	0.8	0	1.7	1.4
Trucks	1	1	5	0	7	5	19	0	0	24	0	4	0	0	4	1	8	2	0	11	46
% Trucks	0.2	0.2	0.9	0	0.5	0.8	2.7	0	0	1.7	0	0.5	0	0	0.4	0.7	1.4	0.5	0	1	0.9

	COTTLE RD Southbound				SANTA TERESA BLVD Westbound				COTTLE RD Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	61	97	78	236	46	**115**	8	169	9	95	40	144	**32**	81	46	159	708
08:00 AM	51	71	79	201	88	99	3	190	4	**124**	**43**	**171**	24	**101**	47	172	734
08:15 AM	**91**	76	**97**	**264**	90	74	**18**	182	9	91	32	132	24	89	61	**174**	752
08:30 AM	46	**122**	92	260	**107**	114	17	**238**	**21**	111	34	166	30	66	**62**	158	**822**
Total Volume	249	366	346	961	331	402	46	779	43	421	149	613	110	337	216	663	3016
% App. Total	25.9	38.1	36		42.5	51.6	5.9		7	68.7	24.3		16.6	50.8	32.6		
PHF	.684	.750	.892	.910	.773	.874	.639	.818	.512	.849	.866	.896	.859	.834	.871	.953	.917

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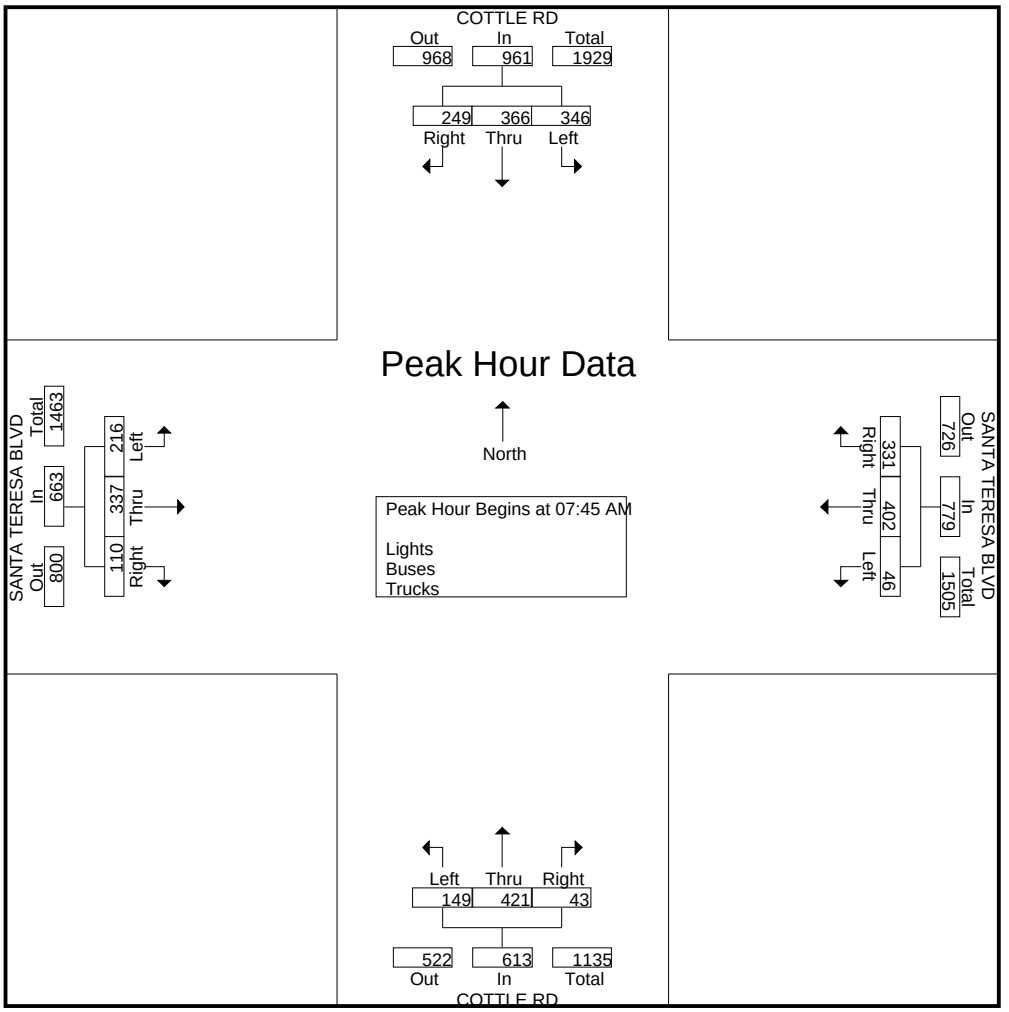

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File Name : 5AM FINAL
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Groups Printed- Bikes

	COTTLE RD Southbound					SANTA TERESA BLVD Westbound					COTTLE RD Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
Total	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	4
Grand Total	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	6
Apprch %	0	0	0	0		0	100	0	0		100	0	0	0		0	100	0	0		
Total %	0	0	0	0	0	0	50	0	0	50	16.7	0	0	0	16.7	0	33.3	0	0	33.3	

	COTTLE RD Southbound				SANTA TERESA BLVD Westbound				COTTLE RD Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	0	0	0	**1**	0	0	**1**	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	**2**	0	**2**	0	0	0	0	0	**1**	0	**1**	**3**
Total Volume	0	0	0	0	0	2	0	2	1	0	0	1	0	1	0	1	4
% App. Total	0	0	0		0	100	0		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.250	.000	.000	.250	.000	.250	.000	.250	.333

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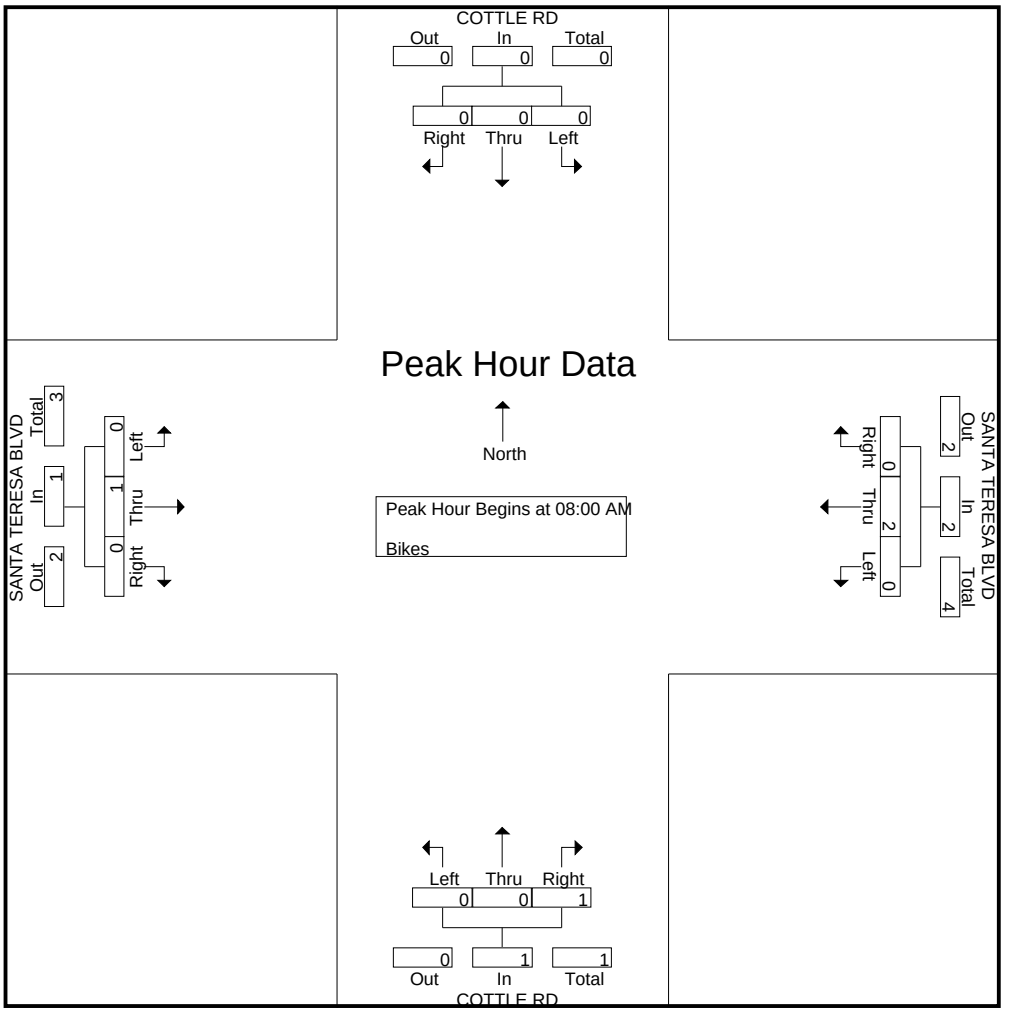

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File Name : 5PM FINAL
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Groups Printed- Lights - Buses - Trucks

	COTTLE RD Southbound					SANTA TERESA BLVD Westbound					COTTLE RD Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	49	101	106	0	256	102	75	14	0	191	6	74	24	3	107	26	104	55	3	188	742
04:15 PM	45	113	110	0	268	86	96	15	1	198	11	76	22	3	112	29	121	64	4	218	796
04:30 PM	75	101	89	1	266	98	115	23	1	237	6	78	25	11	120	26	82	59	6	173	796
04:45 PM	69	116	115	1	301	102	86	23	1	212	13	60	19	1	93	30	119	78	4	231	837
Total	238	431	420	2	1091	388	372	75	3	838	36	288	90	18	432	111	426	256	17	810	3171
05:00 PM	62	111	102	0	275	128	124	26	0	278	10	73	35	0	118	24	140	78	1	243	914
05:15 PM	78	115	98	0	291	108	84	18	1	211	13	75	26	6	120	23	125	88	6	242	864
05:30 PM	65	128	89	5	287	98	92	26	4	220	22	93	34	5	154	29	120	63	9	221	882
05:45 PM	70	120	105	1	296	80	84	15	1	180	9	54	22	0	85	23	122	69	4	218	779
Total	275	474	394	6	1149	414	384	85	6	889	54	295	117	11	477	99	507	298	20	924	3439
Grand Total	513	905	814	8	2240	802	756	160	9	1727	90	583	207	29	909	210	933	554	37	1734	6610
Apprch %	22.9	40.4	36.3	0.4		46.4	43.8	9.3	0.5		9.9	64.1	22.8	3.2		12.1	53.8	31.9	2.1		
Total %	7.8	13.7	12.3	0.1	33.9	12.1	11.4	2.4	0.1	26.1	1.4	8.8	3.1	0.4	13.8	3.2	14.1	8.4	0.6	26.2	
Lights	513	902	797	8	2220	780	738	160	9	1687	87	580	205	29	901	208	917	552	37	1714	6522
% Lights	100	99.7	97.9	100	99.1	97.3	97.6	100	100	97.7	96.7	99.5	99	100	99.1	99	98.3	99.6	100	98.8	98.7
Buses	0	0	13	0	13	12	10	0	0	22	0	1	0	0	1	0	10	2	0	12	48
% Buses	0	0	1.6	0	0.6	1.5	1.3	0	0	1.3	0	0.2	0	0	0.1	0	1.1	0.4	0	0.7	0.7
Trucks	0	3	4	0	7	10	8	0	0	18	3	2	2	0	7	2	6	0	0	8	40
% Trucks	0	0.3	0.5	0	0.3	1.2	1.1	0	0	1	3.3	0.3	1	0	0.8	1	0.6	0	0	0.5	0.6

	COTTLE RD Southbound				SANTA TERESA BLVD Westbound				COTTLE RD Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	69	116	**115**	**300**	102	86	23	211	13	60	19	92	**30**	119	78	227	830
05:00 PM	62	111	102	275	**128**	**124**	**26**	**278**	10	73	**35**	118	24	**140**	78	**242**	**913**
05:15 PM	**78**	115	98	291	108	84	18	210	13	75	26	114	23	125	**88**	236	851
05:30 PM	65	**128**	89	282	98	92	26	216	**22**	**93**	34	**149**	29	120	63	212	859
Total Volume	274	470	404	1148	436	386	93	915	58	301	114	473	106	504	307	917	3453
% App. Total	23.9	40.9	35.2		47.7	42.2	10.2		12.3	63.6	24.1		11.6	55	33.5		
PHF	.878	.918	.878	.957	.852	.778	.894	.823	.659	.809	.814	.794	.883	.900	.872	.947	.946

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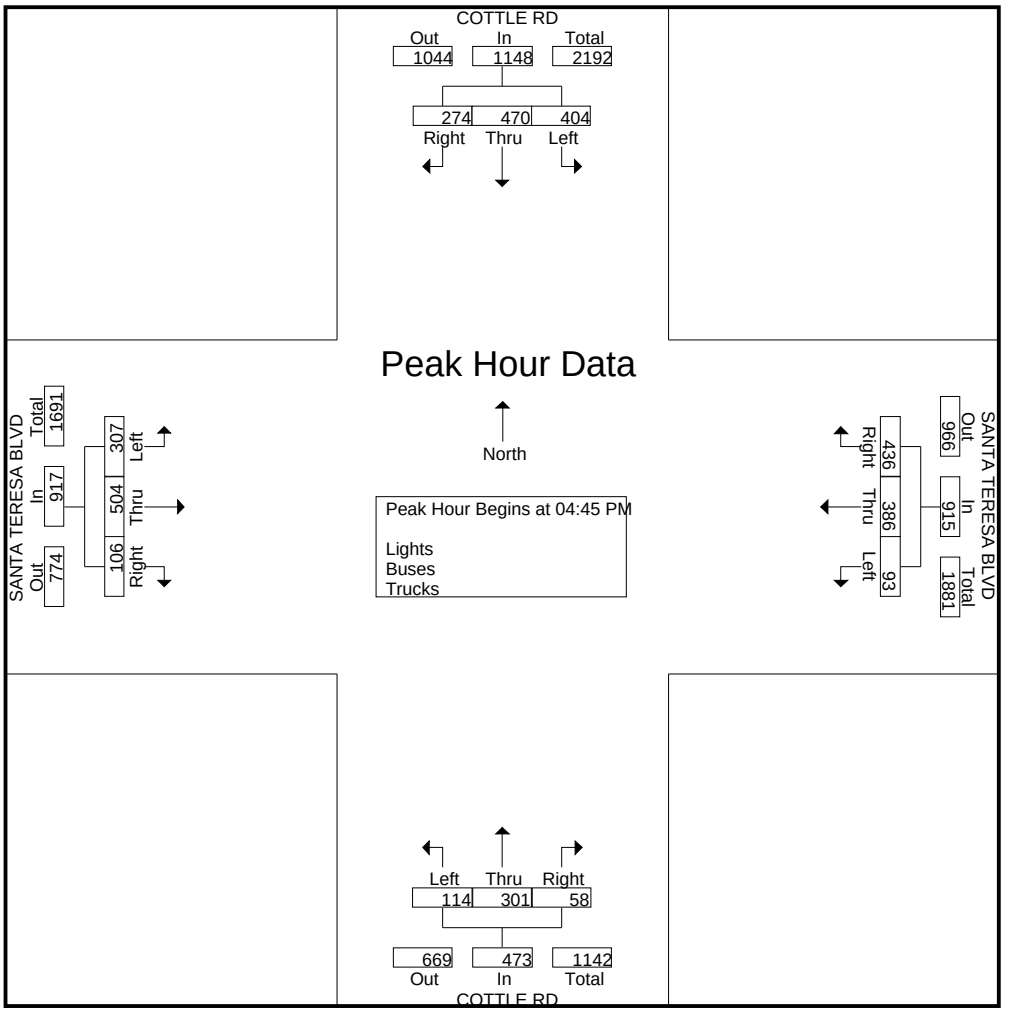

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Groups Printed- Bikes

	COTTLE RD Southbound					SANTA TERESA BLVD Westbound					COTTLE RD Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	6
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	6	3	0	0	9	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	10
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	6	5	0	0	11	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	13
Grand Total	6	6	0	0	12	0	0	1	0	1	0	0	0	0	0	0	6	0	0	6	19
Apprch %	50	50	0	0		0	0	100	0		0	0	0	0		0	100	0	0		
Total %	31.6	31.6	0	0	63.2	0	0	5.3	0	5.3	0	0	0	0	0	0	31.6	0	0	31.6	

	COTTLE RD Southbound				SANTA TERESA BLVD Westbound				COTTLE RD Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**	0	**3**	3
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	**6**	**3**	0	**9**	0	0	**1**	**1**	0	0	0	0	0	0	0	0	**10**
Total Volume	6	4	0	10	0	0	1	1	0	0	0	0	0	4	0	4	15
% App. Total	60	40	0		0	0	100		0	0	0		0	100	0		
PHF	.250	.333	.000	.278	.000	.000	.250	.250	.000	.000	.000	.000	.000	.333	.000	.333	.375

TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
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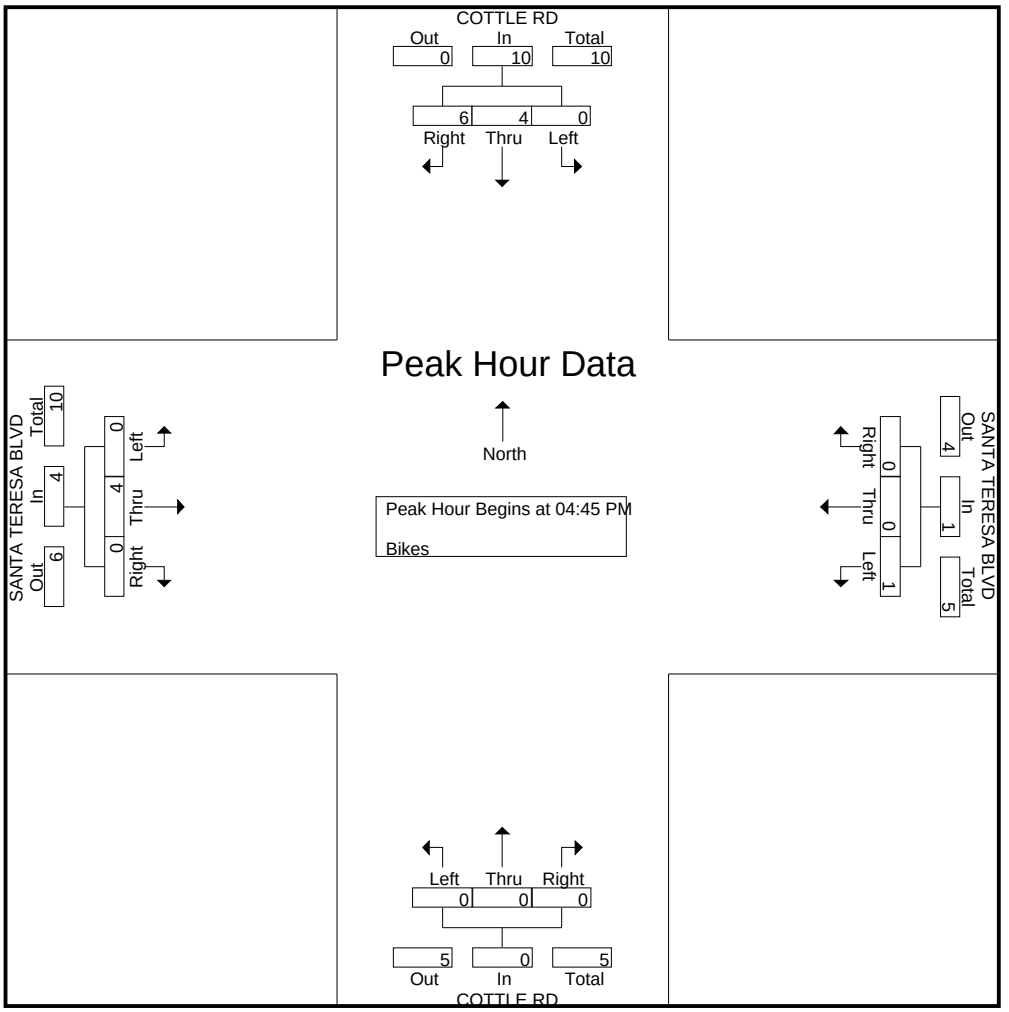
File Name : 5PM FINAL
Site Code : 00000005
Start Date : 6/6/2023
Page No : 2



TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
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File Name : 6AM FINAL
Site Code : 00000006
Start Date : 6/6/2023
Page No : 1

Groups Printed- Lights - Buses - Trucks

	INTERNATIONAL CIR Southbound					HOSPITAL PKWY Westbound					INTERNATIONAL CIR Northbound					HOSPITAL PKWY Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	13	3	1	1	18	2	9	1	2	14	1	4	0	0	5	4	18	68	0	90	127
07:15 AM	8	2	1	1	12	3	11	0	0	14	0	8	5	0	13	6	23	68	4	101	140
07:30 AM	23	3	1	0	27	2	47	1	0	50	1	6	3	1	11	12	30	89	3	134	222
07:45 AM	15	3	0	5	23	6	32	3	2	43	1	12	0	7	20	17	60	110	18	205	291
Total	59	11	3	7	80	13	99	5	4	121	3	30	8	8	49	39	131	335	25	530	780
08:00 AM	15	8	0	3	26	4	11	1	5	21	1	11	9	2	23	19	48	129	12	208	278
08:15 AM	35	2	1	1	39	10	7	1	2	20	1	28	19	1	49	27	47	125	25	224	332
08:30 AM	29	5	0	1	35	7	14	1	3	25	0	14	12	3	29	19	51	127	19	216	305
08:45 AM	46	3	0	2	51	12	11	1	1	25	0	3	17	0	20	29	36	122	15	202	298
Total	125	18	1	7	151	33	43	4	11	91	2	56	57	6	121	94	182	503	71	850	1213
Grand Total	184	29	4	14	231	46	142	9	15	212	5	86	65	14	170	133	313	838	96	1380	1993
Apprch %	79.7	12.6	1.7	6.1		21.7	67	4.2	7.1		2.9	50.6	38.2	8.2		9.6	22.7	60.7	7		
Total %	9.2	1.5	0.2	0.7	11.6	2.3	7.1	0.5	0.8	10.6	0.3	4.3	3.3	0.7	8.5	6.7	15.7	42	4.8	69.2	
Lights	177	18	4	14	213	46	142	9	15	212	5	86	64	14	169	132	312	834	96	1374	1968
% Lights	96.2	62.1	100	100	92.2	100	100	100	100	100	100	100	98.5	100	99.4	99.2	99.7	99.5	100	99.6	98.7
Buses	1	11	0	0	12	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	13
% Buses	0.5	37.9	0	0	5.2	0	0	0	0	0	0	0	1.5	0	0.6	0	0	0	0	0	0.7
Trucks	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	1	1	4	0	6	12
% Trucks	3.3	0	0	0	2.6	0	0	0	0	0	0	0	0	0	0	0.8	0.3	0.5	0	0.4	0.6

	INTERNATIONAL CIR Southbound				HOSPITAL PKWY Westbound				INTERNATIONAL CIR Northbound				HOSPITAL PKWY Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	15	**8**	0	23	4	11	**1**	16	**1**	11	9	21	19	48	**129**	196	256
08:15 AM	35	2	**1**	38	10	7	1	18	1	**28**	**19**	**48**	27	47	125	**199**	**303**
08:30 AM	29	5	0	34	7	**14**	1	22	0	14	12	26	19	**51**	127	197	279
08:45 AM	**46**	3	0	**49**	**12**	11	1	**24**	0	3	17	20	**29**	36	122	187	280
Total Volume	125	18	1	144	33	43	4	80	2	56	57	115	94	182	503	779	1118
% App. Total	86.8	12.5	0.7		41.2	53.8	5		1.7	48.7	49.6		12.1	23.4	64.6		
PHF	.679	.563	.250	.735	.688	.768	1.00	.833	.500	.500	.750	.599	.810	.892	.975	.979	.922

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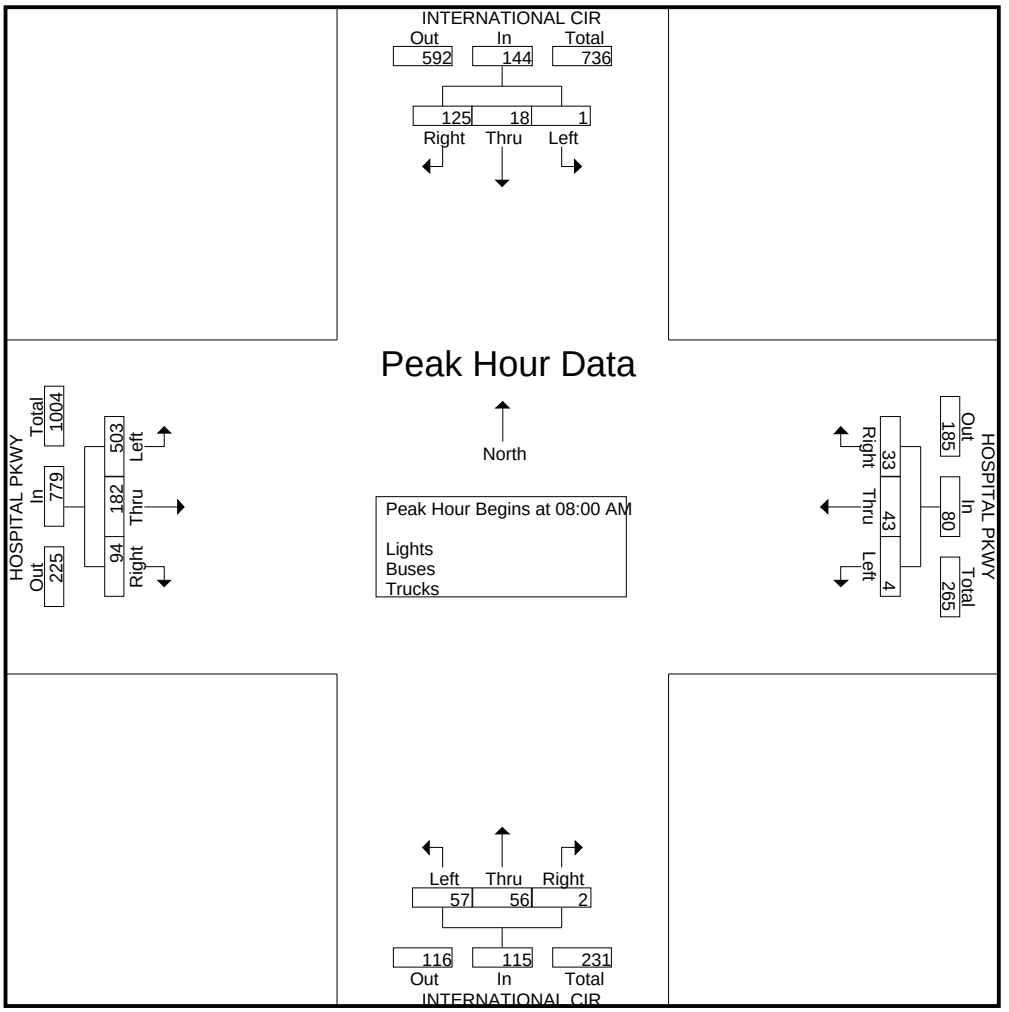

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6280 San Ignacio Ave Suite C
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File Name : 6AM FINAL
Site Code : 00000006
Start Date : 6/6/2023
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Groups Printed- Bikes

	INTERNATIONAL CIR Southbound					HOSPITAL PKWY Westbound					INTERNATIONAL CIR Northbound					HOSPITAL PKWY Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
Total %																					

	INTERNATIONAL CIR Southbound				HOSPITAL PKWY Westbound				INTERNATIONAL CIR Northbound				HOSPITAL PKWY Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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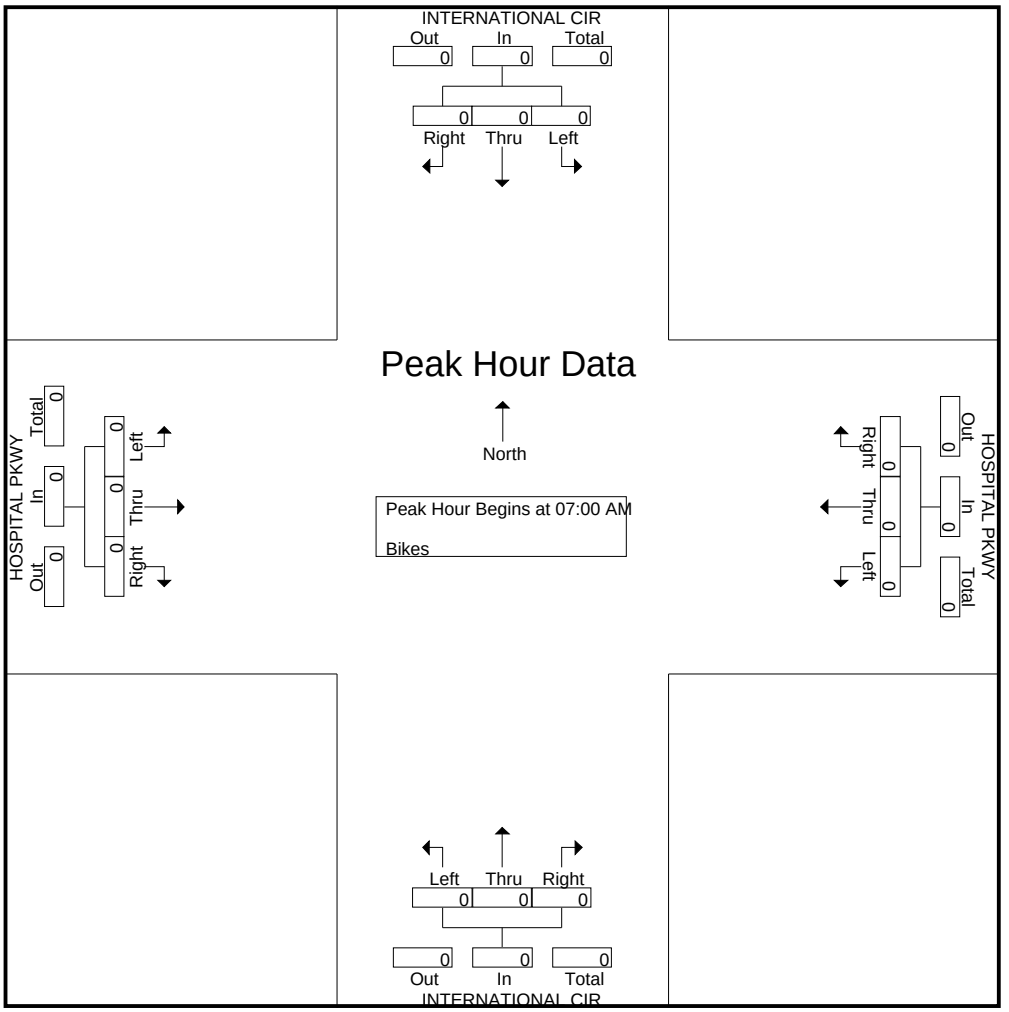

TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
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File Name : 6PM FINAL
Site Code : 00000006
Start Date : 6/6/2023
Page No : 1

Groups Printed- Lights - Buses - Trucks

	INTERNATIONAL CIR Southbound					HOSPITAL PKWY Westbound					INTERNATIONAL CIR Northbound					HOSPITAL PKWY Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	102	8	0	1	111	9	35	5	0	49	1	6	31	3	41	14	29	90	2	135	336
04:15 PM	90	11	5	2	108	7	30	0	2	39	6	8	18	1	33	11	31	77	8	127	307
04:30 PM	93	9	3	4	109	4	36	0	4	44	0	3	29	1	33	15	25	61	11	112	298
04:45 PM	105	7	1	3	116	3	34	0	1	38	1	7	28	3	39	13	28	58	8	107	300
Total	390	35	9	10	444	23	135	5	7	170	8	24	106	8	146	53	113	286	29	481	1241
05:00 PM	71	7	3	6	87	3	40	6	2	51	2	5	16	5	28	19	10	40	24	93	259
05:15 PM	79	5	1	5	90	3	25	3	1	32	0	2	26	2	30	7	16	32	12	67	219
05:30 PM	71	10	0	1	82	1	28	0	0	29	0	8	37	5	50	4	20	42	16	82	243
05:45 PM	92	4	2	2	100	1	19	1	0	21	0	6	15	5	26	4	21	40	8	73	220
Total	313	26	6	14	359	8	112	10	3	133	2	21	94	17	134	34	67	154	60	315	941
Grand Total	703	61	15	24	803	31	247	15	10	303	10	45	200	25	280	87	180	440	89	796	2182
Apprch %	87.5	7.6	1.9	3		10.2	81.5	5	3.3		3.6	16.1	71.4	8.9		10.9	22.6	55.3	11.2		
Total %	32.2	2.8	0.7	1.1	36.8	1.4	11.3	0.7	0.5	13.9	0.5	2.1	9.2	1.1	12.8	4	8.2	20.2	4.1	36.5	
Lights	700	51	15	24	790	31	247	14	10	302	10	45	200	25	280	86	178	436	89	789	2161
% Lights	99.6	83.6	100	100	98.4	100	100	93.3	100	99.7	100	100	100	100	100	98.9	98.9	99.1	100	99.1	99
Buses	2	10	0	0	12	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	14
% Buses	0.3	16.4	0	0	1.5	0	0	0	0	0	0	0	0	0	0	1.1	0.6	0	0	0.3	0.6
Trucks	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	1	4	0	5	7
% Trucks	0.1	0	0	0	0.1	0	0	6.7	0	0.3	0	0	0	0	0	0	0.6	0.9	0	0.6	0.3

	INTERNATIONAL CIR Southbound				HOSPITAL PKWY Westbound				INTERNATIONAL CIR Northbound				HOSPITAL PKWY Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	102	8	0	110	**9**	35	**5**	**49**	1	6	**31**	**38**	14	29	**90**	**133**	**330**
04:15 PM	90	**11**	**5**	106	7	30	0	37	**6**	**8**	18	32	11	**31**	77	119	294
04:30 PM	93	9	3	105	4	**36**	0	40	0	3	29	32	**15**	25	61	101	278
04:45 PM	**105**	7	1	**113**	3	34	0	37	1	7	28	36	13	28	58	99	285
Total Volume	390	35	9	434	23	135	5	163	8	24	106	138	53	113	286	452	1187
% App. Total	89.9	8.1	2.1		14.1	82.8	3.1		5.8	17.4	76.8		11.7	25	63.3		
PHF	.929	.795	.450	.960	.639	.938	.250	.832	.333	.750	.855	.908	.883	.911	.794	.850	.899

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File Name : 6PM FINAL
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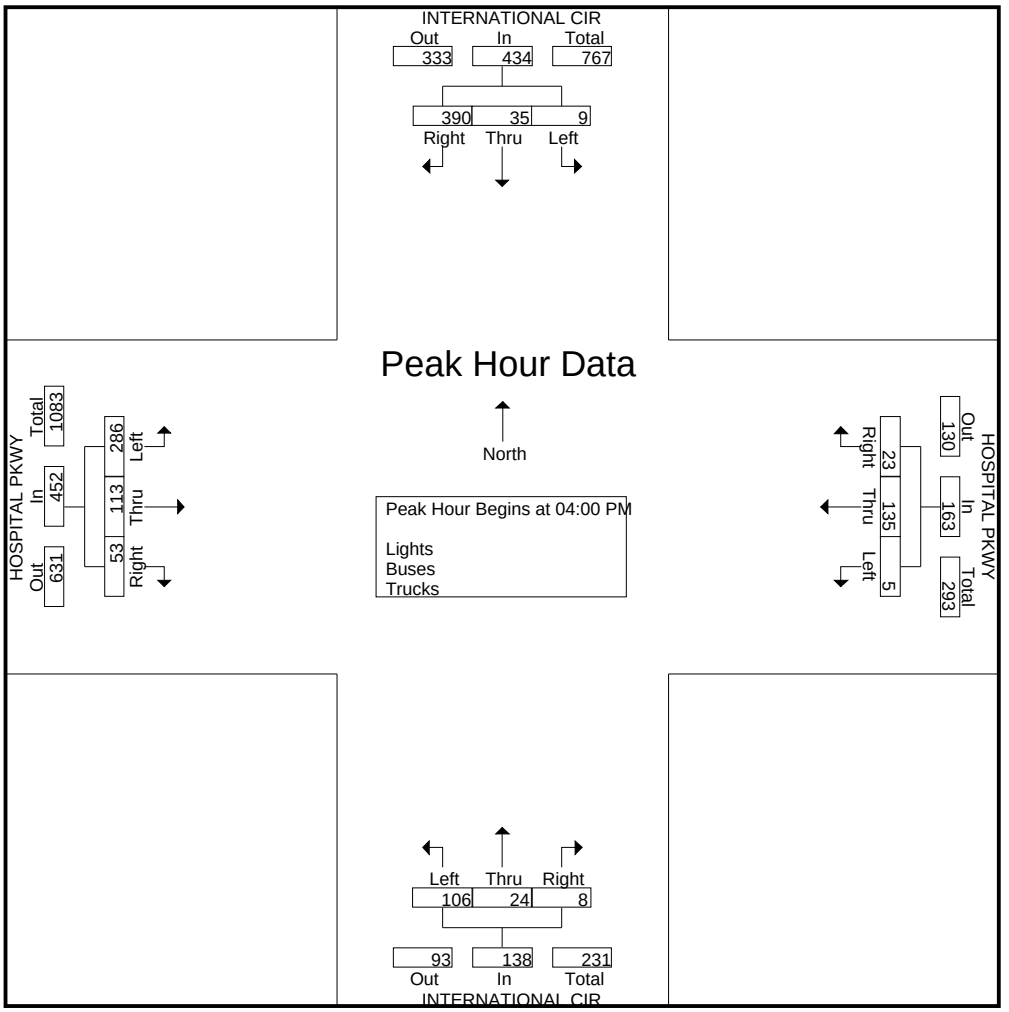

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6280 San Ignacio Ave Suite C
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File Name : 6PM FINAL
Site Code : 00000006
Start Date : 6/6/2023
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Groups Printed- Bikes

	INTERNATIONAL CIR Southbound					HOSPITAL PKWY Westbound					INTERNATIONAL CIR Northbound					HOSPITAL PKWY Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
Total %																					

	INTERNATIONAL CIR Southbound				HOSPITAL PKWY Westbound				INTERNATIONAL CIR Northbound				HOSPITAL PKWY Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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File Name : 6PM FINAL
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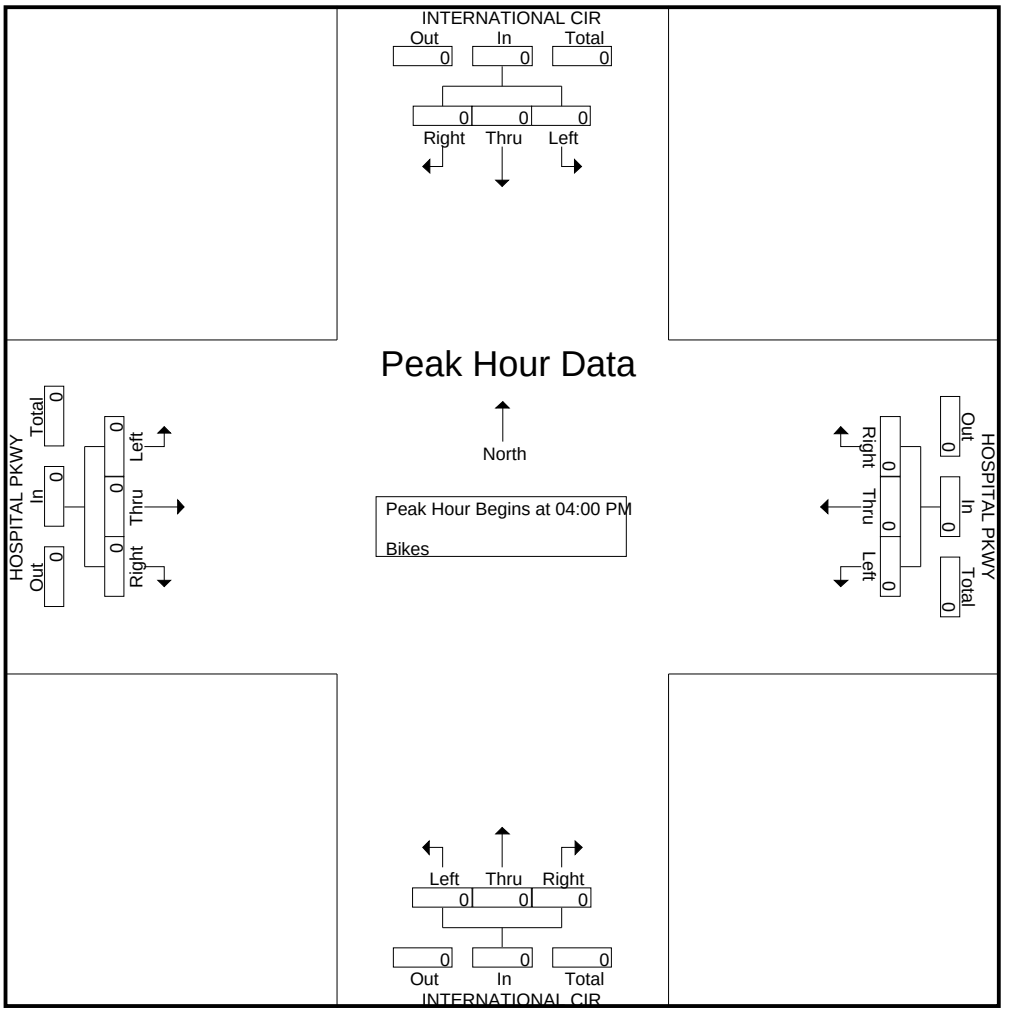

TRAFFIC DATA SERVICE

6280 San Ignacio Ave Suite C
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tdsbay@cs.com

File Name : 7AM FINAL
Site Code : 00000007
Start Date : 6/6/2023
Page No : 1

Groups Printed- Lights - Buses - Trucks

	Southbound					INTERNATIONAL CIR Westbound					CAMINO VERDE DR Northbound					INTERNATIONAL CIR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	3	2	0	5	14	0	6	0	20	4	5	0	1	10	35
07:15 AM	0	0	0	0	0	0	7	8	2	17	6	0	8	0	14	4	5	0	6	15	46
07:30 AM	0	0	0	0	0	0	5	10	0	15	10	0	8	0	18	6	11	0	5	22	55
07:45 AM	0	0	0	0	0	0	0	10	4	14	27	0	26	0	53	14	8	0	11	33	100
Total	0	0	0	0	0	0	15	30	6	51	57	0	48	0	105	28	29	0	23	80	236
08:00 AM	0	0	0	0	0	0	6	8	4	18	26	0	16	0	42	10	11	0	11	32	92
08:15 AM	0	0	0	0	0	0	12	14	11	37	35	0	31	2	68	13	15	0	22	50	155
08:30 AM	0	0	0	0	0	0	6	20	6	32	37	0	28	0	65	9	10	0	11	30	127
08:45 AM	0	0	0	0	0	0	8	16	5	29	31	0	15	1	47	12	19	0	17	48	124
Total	0	0	0	0	0	0	32	58	26	116	129	0	90	3	222	44	55	0	61	160	498
Grand Total	0	0	0	0	0	0	47	88	32	167	186	0	138	3	327	72	84	0	84	240	734
Apprch %	0	0	0	0		0	28.1	52.7	19.2		56.9	0	42.2	0.9		30	35	0	35		
Total %	0	0	0	0	0	0	6.4	12	4.4	22.8	25.3	0	18.8	0.4	44.6	9.8	11.4	0	11.4	32.7	
Lights	0	0	0	0	0	0	46	87	32	165	174	0	138	3	315	61	83	0	84	228	708
% Lights	0	0	0	0	0	0	97.9	98.9	100	98.8	93.5	0	100	100	96.3	84.7	98.8	0	100	95	96.5
Buses	0	0	0	0	0	0	0	0	0	0	11	0	0	0	11	11	0	0	0	11	22
% Buses	0	0	0	0	0	0	0	0	0	0	5.9	0	0	0	3.4	15.3	0	0	0	4.6	3
Trucks	0	0	0	0	0	0	1	1	0	2	1	0	0	0	1	0	1	0	0	1	4
% Trucks	0	0	0	0	0	0	2.1	1.1	0	1.2	0.5	0	0	0	0.3	0	1.2	0	0	0.4	0.5

	Southbound				INTERNATIONAL CIR Westbound				CAMINO VERDE DR Northbound				INTERNATIONAL CIR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	6	8	14	26	0	16	42	10	11	0	21	77
08:15 AM	0	0	0	0	0	**12**	14	**26**	35	0	**31**	**66**	**13**	15	0	28	**120**
08:30 AM	0	0	0	0	0	6	**20**	26	**37**	0	28	65	9	10	0	19	110
08:45 AM	0	0	0	0	0	8	16	24	31	0	15	46	12	**19**	0	**31**	101
Total Volume	0	0	0	0	0	32	58	90	129	0	90	219	44	55	0	99	408
% App. Total	0	0	0		0	35.6	64.4		58.9	0	41.1		44.4	55.6	0		
PHF	.000	.000	.000	.000	.000	.667	.725	.865	.872	.000	.726	.830	.846	.724	.000	.798	.850

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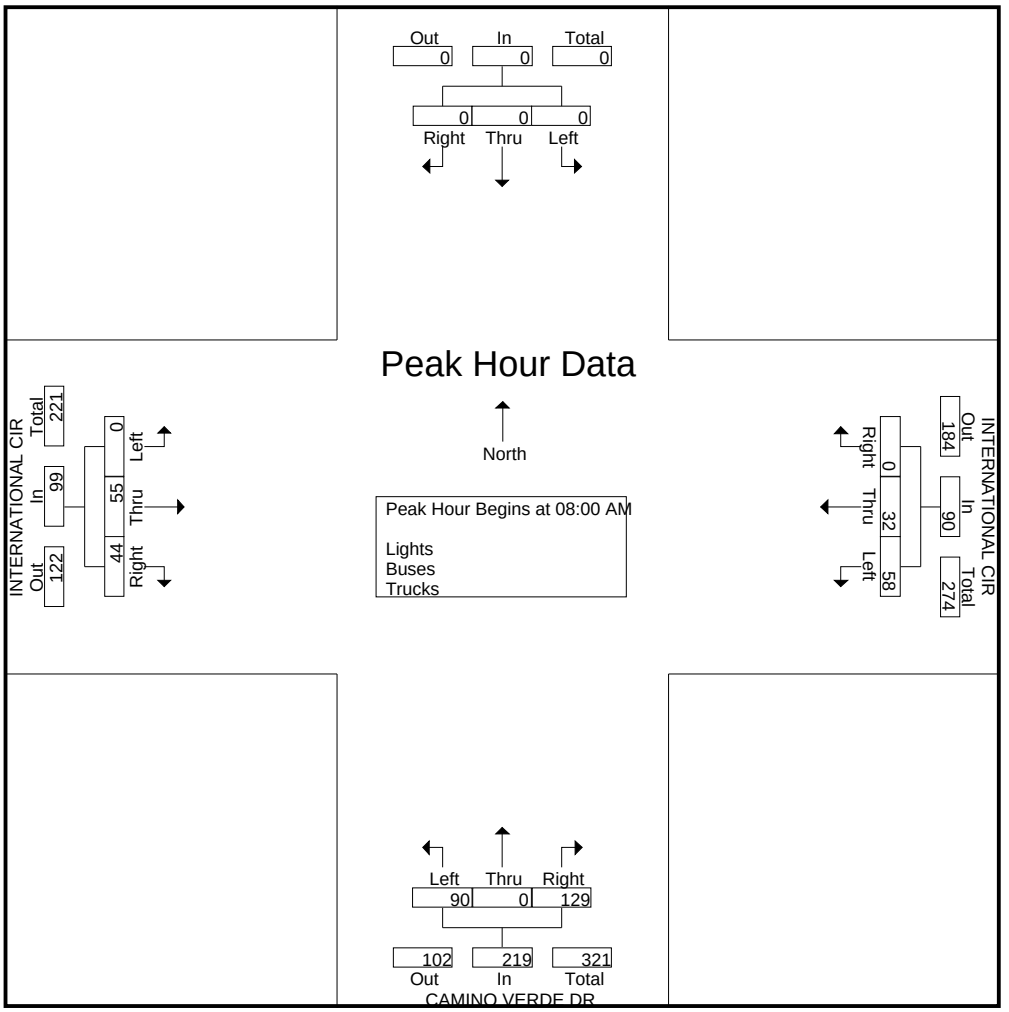

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Groups Printed- Bikes

	Southbound					INTERNATIONAL CIR Westbound					CAMINO VERDE DR Northbound					INTERNATIONAL CIR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Apprch %	0	0	0	0		0	0	0	0		0	0	100	0		0	0	0	0		
Total %	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	0	

	Southbound				INTERNATIONAL CIR Westbound				CAMINO VERDE DR Northbound				INTERNATIONAL CIR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	**1**	**1**	0	0	0	0	**1**
Total Volume	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
% App. Total	0	0	0		0	0	0		0	0	100		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.250

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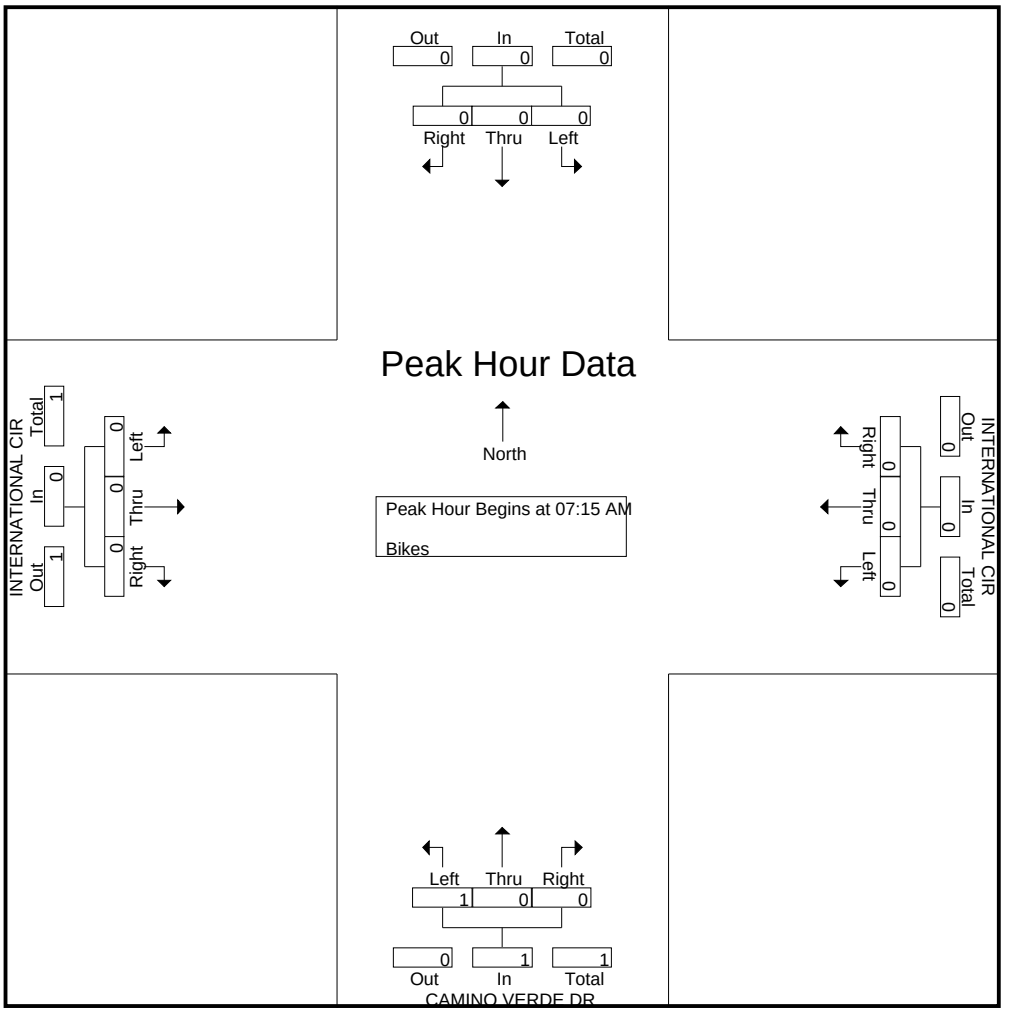

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File Name : 7PM FINAL
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Groups Printed- Lights - Buses - Trucks

	Southbound					INTERNATIONAL CIR Westbound					CAMINO VERDE DR Northbound					INTERNATIONAL CIR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	19	36	5	60	20	0	7	0	27	20	14	0	7	41	128
04:15 PM	0	0	0	0	0	0	17	32	6	55	21	0	9	1	31	11	11	0	5	27	113
04:30 PM	0	0	0	0	0	0	18	56	9	83	23	0	4	1	28	16	13	0	16	45	156
04:45 PM	0	0	0	0	0	0	13	51	0	64	13	0	6	1	20	19	10	0	11	40	124
Total	0	0	0	0	0	0	67	175	20	262	77	0	26	3	106	66	48	0	39	153	521
05:00 PM	0	0	0	0	0	0	13	77	9	99	22	0	6	0	28	34	17	0	10	61	188
05:15 PM	0	0	0	0	0	0	10	39	10	59	18	0	5	1	24	19	9	0	15	43	126
05:30 PM	0	0	0	0	0	0	13	31	2	46	14	0	12	0	26	19	9	0	10	38	110
05:45 PM	0	0	0	0	0	0	9	34	2	45	12	0	6	2	20	12	4	0	4	20	85
Total	0	0	0	0	0	0	45	181	23	249	66	0	29	3	98	84	39	0	39	162	509
Grand Total	0	0	0	0	0	0	112	356	43	511	143	0	55	6	204	150	87	0	78	315	1030
Apprch %	0	0	0	0		0	21.9	69.7	8.4		70.1	0	27	2.9		47.6	27.6	0	24.8		
Total %	0	0	0	0	0	0	10.9	34.6	4.2	49.6	13.9	0	5.3	0.6	19.8	14.6	8.4	0	7.6	30.6	
Lights	0	0	0	0	0	0	112	355	43	510	131	0	55	6	192	137	86	0	78	301	1003
% Lights	0	0	0	0	0	0	100	99.7	100	99.8	91.6	0	100	100	94.1	91.3	98.9	0	100	95.6	97.4
Buses	0	0	0	0	0	0	0	0	0	0	11	0	0	0	11	12	1	0	0	13	24
% Buses	0	0	0	0	0	0	0	0	0	0	7.7	0	0	0	5.4	8	1.1	0	0	4.1	2.3
Trucks	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	0	0	1	3
% Trucks	0	0	0	0	0	0	0	0.3	0	0.2	0.7	0	0	0	0.5	0.7	0	0	0	0.3	0.3

	Southbound				INTERNATIONAL CIR Westbound				CAMINO VERDE DR Northbound				INTERNATIONAL CIR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	0	0	0	0	17	32	49	21	0	**9**	**30**	11	11	0	22	101
04:30 PM	0	0	0	0	0	**18**	56	74	**23**	0	4	27	16	13	0	29	130
04:45 PM	0	0	0	0	0	13	51	64	13	0	6	19	19	10	0	29	112
05:00 PM	0	0	0	0	0	13	**77**	**90**	22	0	6	28	**34**	**17**	0	**51**	**169**
Total Volume	0	0	0	0	0	61	216	277	79	0	25	104	80	51	0	131	512
% App. Total	0	0	0		0	22	78		76	0	24		61.1	38.9	0		
PHF	.000	.000	.000	.000	.000	.847	.701	.769	.859	.000	.694	.867	.588	.750	.000	.642	.757

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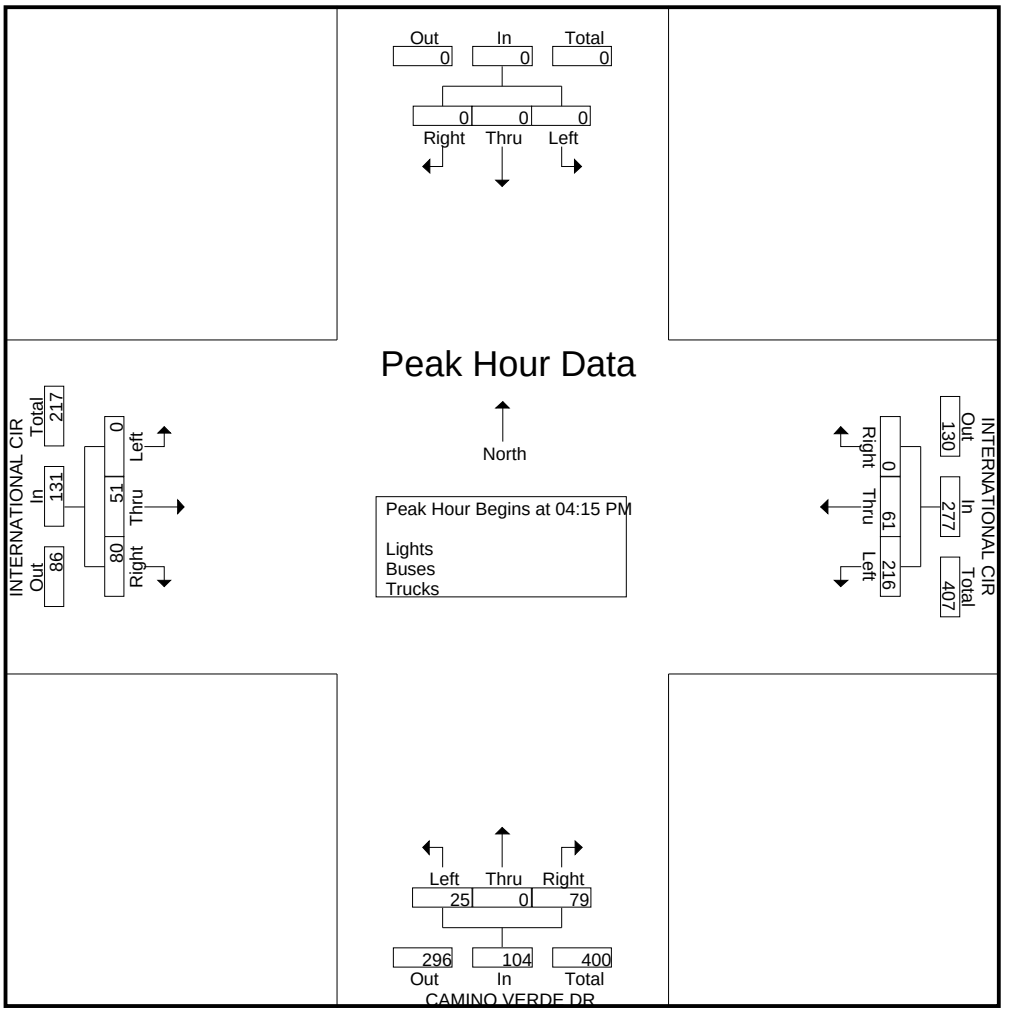

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File Name : 7PM FINAL
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Groups Printed- Bikes

	Southbound					INTERNATIONAL CIR Westbound					CAMINO VERDE DR Northbound					INTERNATIONAL CIR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Apprch %	0	0	0	0		0	0	0	0		0	0	100	0		0	0	0	0		
Total %	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	0	

	Southbound				INTERNATIONAL CIR Westbound				CAMINO VERDE DR Northbound				INTERNATIONAL CIR Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	**1**	**1**	0	0	0	0	**1**
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
% App. Total	0	0	0		0	0	0		0	0	100		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.250

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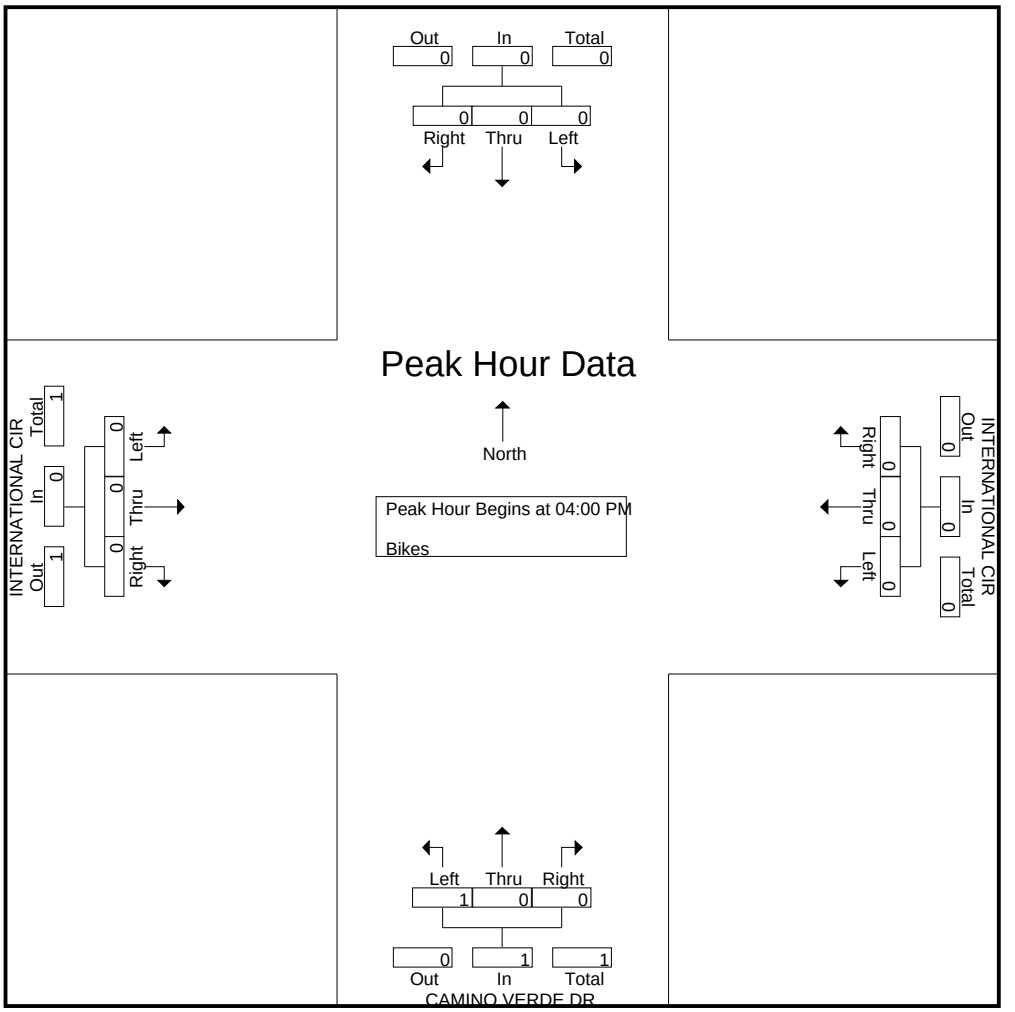

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Groups Printed- Lights - Buses - Trucks

	CAMINO VERDE DR Southbound					SANTA TERESA BLVD Westbound					CAMINO VERDE DR Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	3	1	1	0	5	13	93	10	0	116	5	1	30	0	36	7	54	13	0	74	231
07:15 AM	7	2	2	0	11	12	120	4	0	136	7	4	40	0	51	4	65	7	0	76	274
07:30 AM	7	0	6	0	13	14	149	3	0	166	4	1	27	0	32	10	72	5	0	87	298
07:45 AM	6	3	7	0	16	38	149	16	0	203	8	5	30	0	43	21	112	15	0	148	410
Total	23	6	16	0	45	77	511	33	0	621	24	11	127	0	162	42	303	40	0	385	1213
08:00 AM	6	2	5	0	13	31	155	13	0	199	10	5	38	1	54	21	121	19	1	162	428
08:15 AM	6	2	12	0	20	34	146	15	2	197	5	9	44	2	60	43	115	41	2	201	478
08:30 AM	12	5	7	0	24	35	166	12	1	214	12	5	64	1	82	19	117	28	0	164	484
08:45 AM	9	1	9	0	19	23	99	8	1	131	10	7	45	0	62	11	101	24	0	136	348
Total	33	10	33	0	76	123	566	48	4	741	37	26	191	4	258	94	454	112	3	663	1738
Grand Total	56	16	49	0	121	200	1077	81	4	1362	61	37	318	4	420	136	757	152	3	1048	2951
Apprch %	46.3	13.2	40.5	0		14.7	79.1	5.9	0.3		14.5	8.8	75.7	1		13	72.2	14.5	0.3		
Total %	1.9	0.5	1.7	0	4.1	6.8	36.5	2.7	0.1	46.2	2.1	1.3	10.8	0.1	14.2	4.6	25.7	5.2	0.1	35.5	
Lights	44	16	49	0	109	197	1042	80	4	1323	60	37	315	4	416	131	725	143	3	1002	2850
% Lights	78.6	100	100	0	90.1	98.5	96.8	98.8	100	97.1	98.4	100	99.1	100	99	96.3	95.8	94.1	100	95.6	96.6
Buses	11	0	0	0	11	3	17	1	0	21	0	0	2	0	2	4	21	8	0	33	67
% Buses	19.6	0	0	0	9.1	1.5	1.6	1.2	0	1.5	0	0	0.6	0	0.5	2.9	2.8	5.3	0	3.1	2.3
Trucks	1	0	0	0	1	0	18	0	0	18	1	0	1	0	2	1	11	1	0	13	34
% Trucks	1.8	0	0	0	0.8	0	1.7	0	0	1.3	1.6	0	0.3	0	0.5	0.7	1.5	0.7	0	1.2	1.2

	CAMINO VERDE DR Southbound				SANTA TERESA BLVD Westbound				CAMINO VERDE DR Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	6	3	7	16	**38**	149	**16**	203	8	5	30	43	21	112	15	148	410
08:00 AM	6	2	5	13	31	155	13	199	10	5	38	53	21	**121**	19	161	426
08:15 AM	6	2	**12**	20	34	146	15	195	5	**9**	44	58	**43**	115	**41**	**199**	472
08:30 AM	**12**	**5**	7	**24**	35	**166**	12	**213**	**12**	5	**64**	**81**	19	117	28	164	**482**
Total Volume	30	12	31	73	138	616	56	810	35	24	176	235	104	465	103	672	1790
% App. Total	41.1	16.4	42.5		17	76	6.9		14.9	10.2	74.9		15.5	69.2	15.3		
PHF	.625	.600	.646	.760	.908	.928	.875	.951	.729	.667	.688	.725	.605	.961	.628	.844	.928

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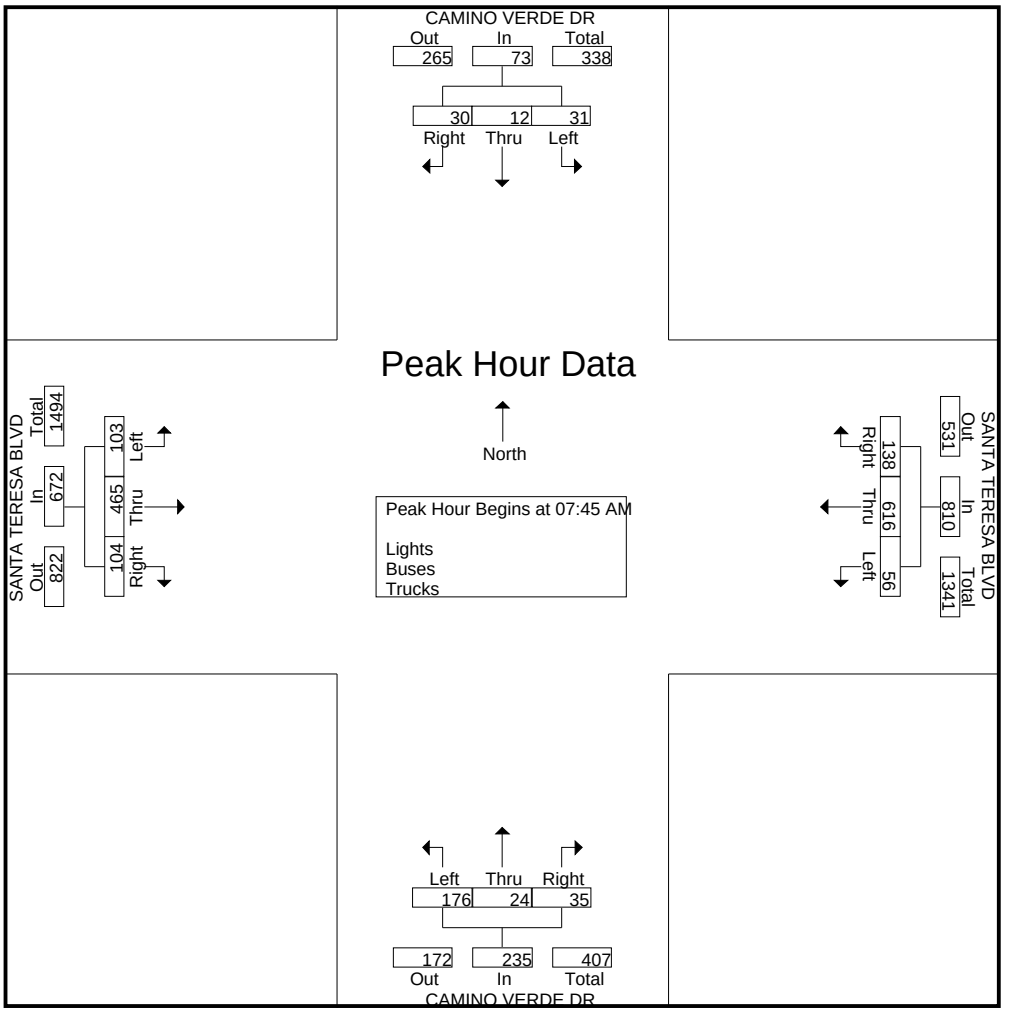

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Groups Printed- Bikes

	CAMINO VERDE DR Southbound					SANTA TERESA BLVD Westbound					CAMINO VERDE DR Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
07:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	0	2	4
Grand Total	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	2	1	0	3	8
Apprch %	0	0	0	0		0	100	0	0		0	0	0	0		0	66.7	33.3	0		
Total %	0	0	0	0	0	0	62.5	0	0	62.5	0	0	0	0	0	0	25	12.5	0	37.5	

	CAMINO VERDE DR Southbound				SANTA TERESA BLVD Westbound				CAMINO VERDE DR Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	**1**	1
07:45 AM	0	0	0	0	0	**2**	0	**2**	0	0	0	0	0	0	0	0	**2**
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	1	1
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	1	1	2	5
% App. Total	0	0	0		0	100	0		0	0	0		0	50	50		
PHF	.000	.000	.000	.000	.000	.375	.000	.375	.000	.000	.000	.000	.000	.250	.250	.500	.625

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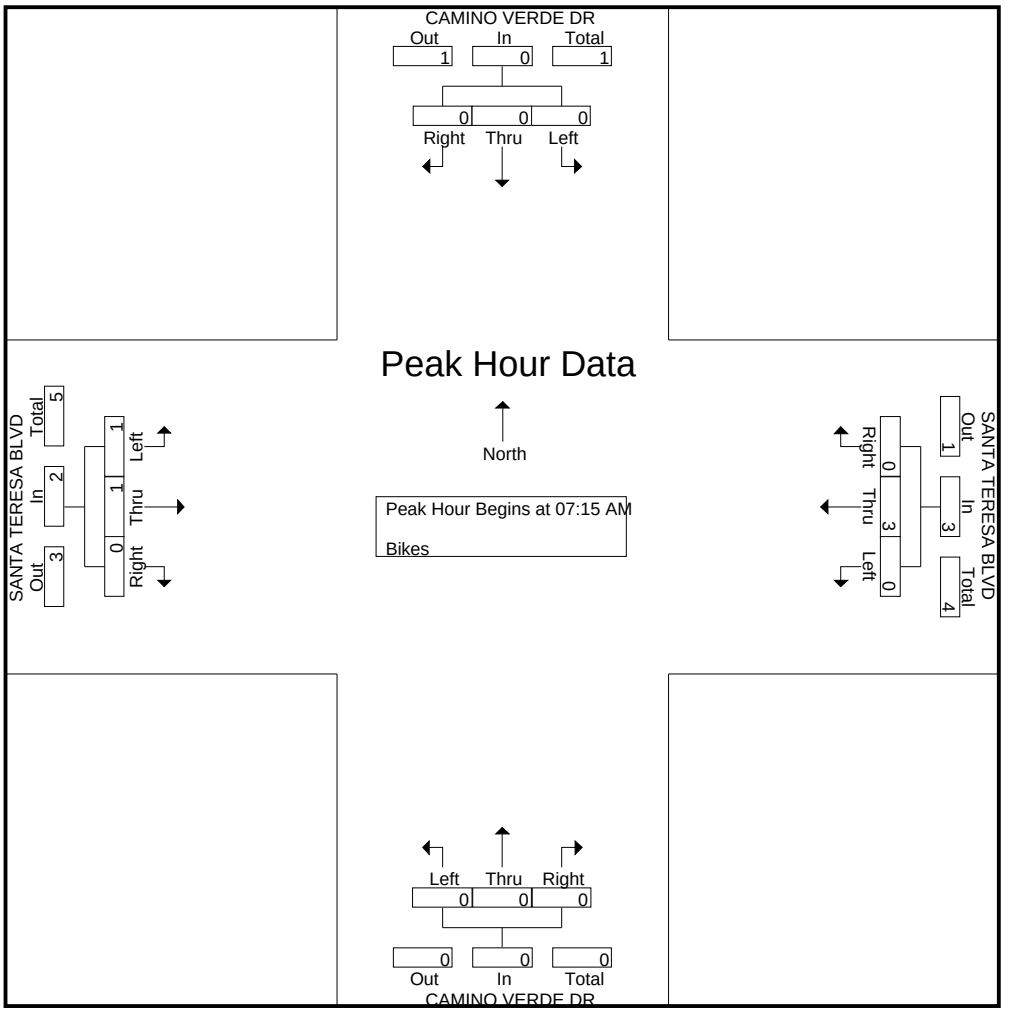

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Groups Printed- Lights - Buses - Trucks

	CAMINO VERDE DR Southbound					SANTA TERESA BLVD Westbound					CAMINO VERDE DR Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	29	8	25	1	63	12	121	18	3	154	9	1	45	2	57	33	142	16	1	192	466
04:15 PM	29	5	18	0	52	11	126	16	1	154	15	2	32	1	50	45	172	22	5	244	500
04:30 PM	47	7	29	4	87	14	152	17	1	184	11	0	41	0	52	30	113	14	2	159	482
04:45 PM	45	4	27	0	76	4	144	14	4	166	10	0	35	0	45	24	172	14	1	211	498
Total	150	24	99	5	278	41	543	65	9	658	45	3	153	3	204	132	599	66	9	806	1946
05:00 PM	68	13	46	4	131	11	169	11	3	194	10	4	38	2	54	30	164	15	4	213	592
05:15 PM	43	7	22	3	75	11	137	18	2	168	9	3	39	1	52	35	154	16	3	208	503
05:30 PM	45	3	16	2	66	13	146	21	2	182	12	3	43	0	58	30	161	14	6	211	517
05:45 PM	29	6	22	6	63	5	135	16	0	156	11	5	29	0	45	19	149	12	4	184	448
Total	185	29	106	15	335	40	587	66	7	700	42	15	149	3	209	114	628	57	17	816	2060
Grand Total	335	53	205	20	613	81	1130	131	16	1358	87	18	302	6	413	246	1227	123	26	1622	4006
Apprch %	54.6	8.6	33.4	3.3		6	83.2	9.6	1.2		21.1	4.4	73.1	1.5		15.2	75.6	7.6	1.6		
Total %	8.4	1.3	5.1	0.5	15.3	2	28.2	3.3	0.4	33.9	2.2	0.4	7.5	0.1	10.3	6.1	30.6	3.1	0.6	40.5	
Lights	324	53	202	20	599	80	1109	131	16	1336	86	18	300	6	410	245	1208	112	26	1591	3936
% Lights	96.7	100	98.5	100	97.7	98.8	98.1	100	100	98.4	98.9	100	99.3	100	99.3	99.6	98.5	91.1	100	98.1	98.3
Buses	10	0	2	0	12	1	10	0	0	11	0	0	1	0	1	1	10	11	0	22	46
% Buses	3	0	1	0	2	1.2	0.9	0	0	0.8	0	0	0.3	0	0.2	0.4	0.8	8.9	0	1.4	1.1
Trucks	1	0	1	0	2	0	11	0	0	11	1	0	1	0	2	0	9	0	0	9	24
% Trucks	0.3	0	0.5	0	0.3	0	1	0	0	0.8	1.1	0	0.3	0	0.5	0	0.7	0	0	0.6	0.6

	CAMINO VERDE DR Southbound				SANTA TERESA BLVD Westbound				CAMINO VERDE DR Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	45	4	27	76	4	144	14	162	10	0	35	45	24	**172**	14	**210**	493
05:00 PM	**68**	**13**	**46**	**127**	11	**169**	11	**191**	10	**4**	38	52	30	164	15	209	**579**
05:15 PM	43	7	22	72	11	137	18	166	9	3	39	51	**35**	154	**16**	205	494
05:30 PM	45	3	16	64	**13**	146	**21**	180	**12**	3	**43**	**58**	30	161	14	205	507
Total Volume	201	27	111	339	39	596	64	699	41	10	155	206	119	651	59	829	2073
% App. Total	59.3	8	32.7		5.6	85.3	9.2		19.9	4.9	75.2		14.4	78.5	7.1		
PHF	.739	.519	.603	.667	.750	.882	.762	.915	.854	.625	.901	.888	.850	.946	.922	.987	.895

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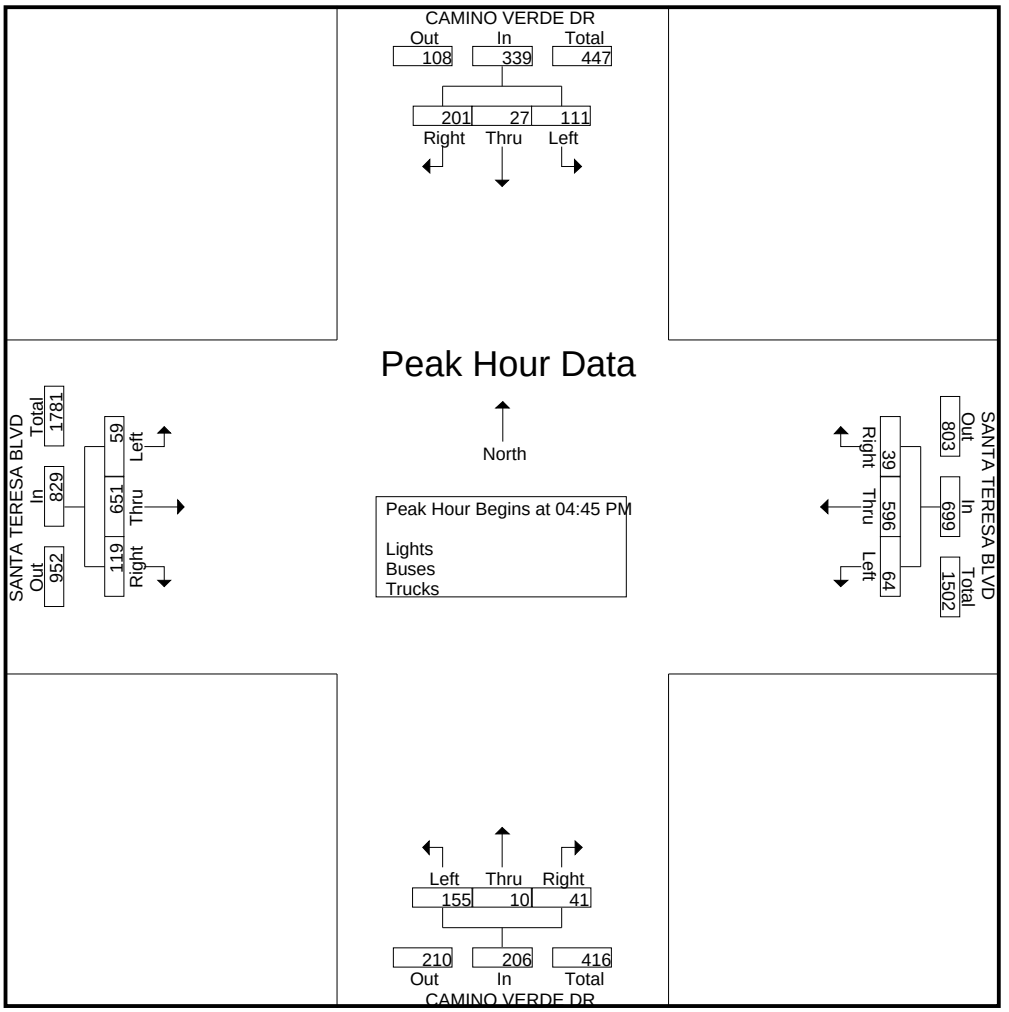

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Groups Printed- Bikes

	CAMINO VERDE DR Southbound					SANTA TERESA BLVD Westbound					CAMINO VERDE DR Northbound					SANTA TERESA BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
Total	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	8
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
05:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	3
Grand Total	1	0	0	0	1	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	11
Apprch %	100	0	0	0		0	100	0	0		0	0	0	0		0	100	0	0		
Total %	9.1	0	0	0	9.1	0	36.4	0	0	36.4	0	0	0	0	0	0	54.5	0	0	54.5	

	CAMINO VERDE DR Southbound				SANTA TERESA BLVD Westbound				CAMINO VERDE DR Northbound				SANTA TERESA BLVD Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**	0	**3**	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	**2**	0	**2**	0	0	0	0	0	2	0	2	**4**
Total Volume	1	0	0	1	0	2	0	2	0	0	0	0	0	5	0	5	8
% App. Total	100	0	0		0	100	0		0	0	0		0	100	0		
PHF	.250	.000	.000	.250	.000	.250	.000	.250	.000	.000	.000	.000	.000	.417	.000	.417	.500

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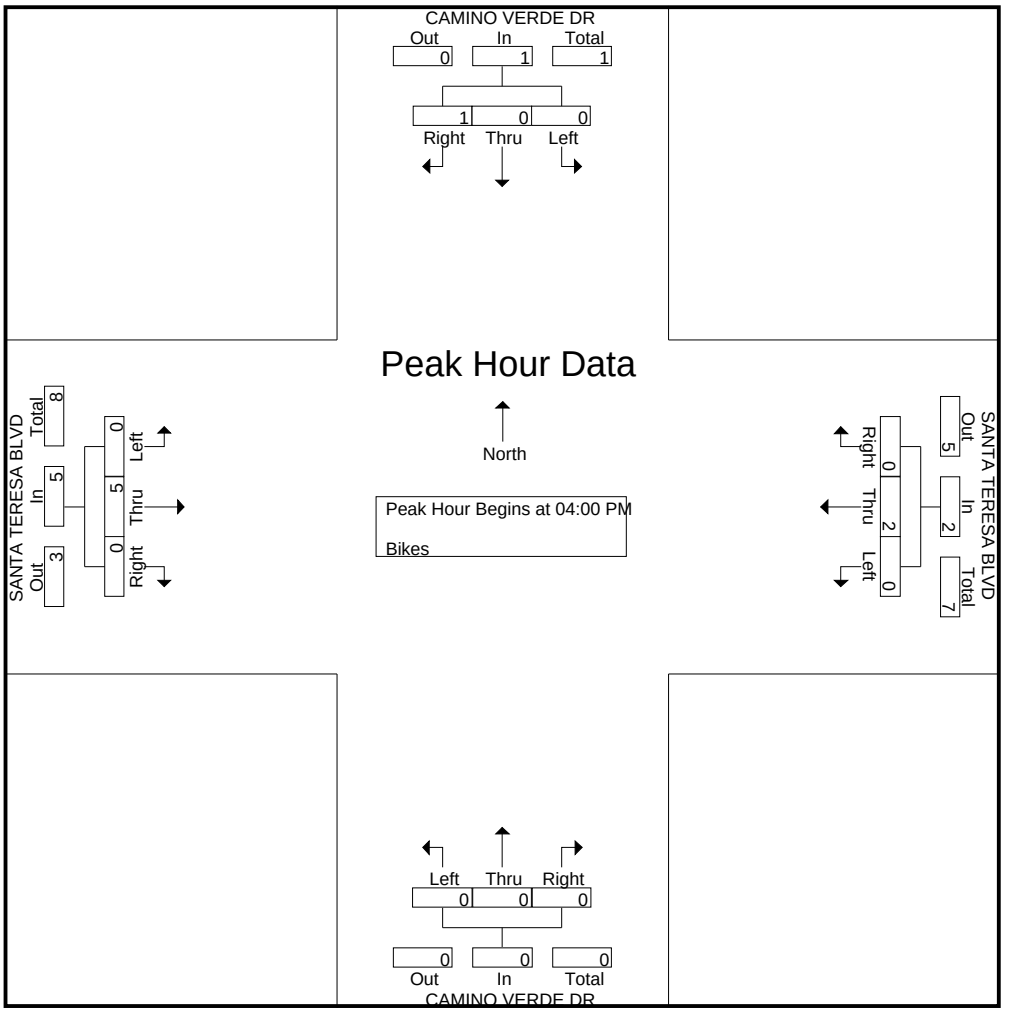


Appendix B:
Approved Trip Inventory

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & NB 85 From Cottle Rp

Traffix Node Number : 3008

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
COYOTE REASSIGN Office/Industrial NORTH COYOTE VALLEY COYOTE VALLEY	-188	-196	0	0	-47	-32	0	0	0	0	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	0	0	0	0	12	34	0	0	0	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	0	0	0	54	7	0	0	0	0	0	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	0	0	0	12	10	0	0	0	0	0	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	0	0	1	1	0	0	0	0	0	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	320	0	0	60	62	0	0	0	0	0	177
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	6	0	0	24	0	0	0	0	0	0	0

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & NB 85 From Cottle Rp

Traffix Node Number : 3008

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	7	0	0	29	0	0	0	0	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	16	0	0	8	20	0	0	0	0	0	0
TOTAL:	**(188)**	**153**	**0**	**0**	**153**	**102**	**0**	**0**	**0**	**0**	**0**	**177**

	LEFT	THRU	RIGHT
NORTH	0	153	102
EAST	0	0	177
SOUTH	(188)	153	0
WEST	0	0	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & NB 85 From Cottle Rp

Traffix Node Number : 3008

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
COYOTE REASSIGN Office/Industrial NORTH COYOTE VALLEY COYOTE VALLEY	-20	-49	0	0	-183	-4	0	0	0	0	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	0	0	0	0	49	136	0	0	0	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	0	0	0	32	28	0	0	0	0	0	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	0	0	0	48	43	0	0	0	0	0	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	0	0	6	4	0	0	0	0	0	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	87	0	0	188	179	0	0	0	0	0	51
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	24	0	0	6	0	0	0	0	0	0	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & NB 85 From Cottle Rp

Traffix Node Number : 3008

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	28	0	0	3	0	0	0	0	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	25	0	0	3	9	0	0	0	0	0	0
TOTAL:	**(20)**	**115**	**0**	**0**	**152**	**395**	**0**	**0**	**0**	**0**	**0**	**51**

	LEFT	THRU	RIGHT
NORTH	0	152	395
EAST	0	0	51
SOUTH	(20)	115	0
WEST	0	0	0

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd / N Cottle Rd & SB 85 To Cottle Rp

Traffix Node Number : 3009

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
COYOTE REASSIGN Office/Industrial NORTH COYOTE VALLEY COYOTE VALLEY	0	-376	0	0	-47	0	-23	0	-47	0	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	0	50	0	0	12	0	138	0	0	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	30	0	0	51	0	29	0	0	0	0	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	48	0	0	12	0	43	0	0	0	0	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	6	0	0	1	0	4	0	0	0	0	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	78	0	0	16	0	242	0	0	0	0	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	6	0	0	24	0	0	0	0	0	0	0

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd / N Cottle Rd & SB 85 To Cottle Rp

Traffix Node Number : 3009

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	7	0	0	29	0	0	0	0	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	4	0	0	8	0	11	0	0	0	0	0
TOTAL:	**0**	**(147)**	**0**	**0**	**106**	**0**	**444**	**0**	**(47)**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	0	106	0
EAST	0	0	0
SOUTH	0	(147)	0
WEST	444	0	(47)

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd / N Cottle Rd & SB 85 To Cottle Rp

Traffix Node Number : 3009

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
COYOTE REASSIGN Office/Industrial NORTH COYOTE VALLEY COYOTE VALLEY	0	-37	0	0	-183	0	-31	0	-266	0	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	0	5	0	0	49	0	14	0	0	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	48	0	0	23	0	3	0	0	0	0	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	5	0	0	48	0	4	0	0	0	0	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	0	0	6	0	0	0	0	0	0	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	21	0	0	58	0	66	0	0	0	0	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	24	0	0	6	0	0	0	0	0	0	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd / N Cottle Rd & SB 85 To Cottle Rp

Traffix Node Number : 3009

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	28	0	0	3	0	0	0	0	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	7	0	0	3	0	18	0	0	0	0	0
TOTAL:	**0**	**101**	**0**	**0**	**13**	**0**	**74**	**0**	**(266)**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	0	13	0
EAST	0	0	0
SOUTH	0	101	0
WEST	74	0	(266)

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & Santa Teresa Bl

Traffix Node Number : 3094

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
19-133124 TA (3-06212) Retail/Commercial Santa Teresa Kaiser Hospital Expansion	5	2	0	2	0	0	0	2	0	3	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	0	6	0	0	1	10	44	0	0	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	1	18	48	0	3	11	235	0	4	57	17
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	6	7	0	1	10	42	50	0	1	12	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	1	0	0	1	4	6	0	0	1	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	12	0	3	3	10	27	27	0	0	0	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	0	80	40	0	0	0	483	0	20	120	10

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & Santa Teresa Bl

Traffix Node Number : 3094

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	0	10	29	0	0	0	123	0	2	31	7
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	0	0	0	0	5	2	2	0	0	5	0
PDC99-053 (3-13970) LEGACY CISCO NORTH COYOTE VALLEY	0	0	67	94	0	0	0	539	0	17	137	24
TOTAL:	**5**	**27**	**183**	**216**	**5**	**39**	**130**	**1467**	**0**	**47**	**363**	**58**

	LEFT	THRU	RIGHT
NORTH	216	5	39
EAST	47	363	58
SOUTH	5	27	183
WEST	130	1467	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & Santa Teresa Bl

Traffix Node Number : 3094

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
19-133124 TA (3-06212) Retail/Commercial Santa Teresa Kaiser Hospital Expansion	4	1	0	2	0	0	0	2	0	3	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	0	0	0	0	6	43	4	0	0	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	0	1	10	1	11	1	25	0	18	233	47
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	0	0	0	6	42	4	5	0	7	49	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	0	0	0	4	0	0	0	1	6	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	3	0	9	9	40	7	8	0	0	0	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	0	20	10	0	0	0	120	0	80	483	40

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & Santa Teresa Bl

Traffix Node Number : 3094

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	0	1	3	0	0	0	14	0	9	121	28
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	0	0	0	0	2	5	5	0	0	2	0
PDC99-053 (3-13970) LEGACY CISCO NORTH COYOTE VALLEY	0	0	7	10	0	0	0	58	0	67	533	93
TOTAL:	**4**	**4**	**29**	**44**	**22**	**142**	**21**	**237**	**0**	**185**	**1427**	**208**

	LEFT	THRU	RIGHT
NORTH	44	22	142
EAST	185	1427	208
SOUTH	4	4	29
WEST	21	237	0

AM PROJECT TRIPS

05/16/2023

Intersection of : Raleigh Rd / Beswick Dr & Cottle Rd

Traffix Node Number : 3301

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
COYOTE REASSIGN Office/Industrial NORTH COYOTE VALLEY COYOTE VALLEY	-24	-172	0	0	-36	0	0	0	-44	0	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	46	142	0	0	34	0	0	0	11	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	11	56	0	0	13	0	1	0	47	0	0	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	22	69	0	0	15	0	0	0	7	0	0	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	3	7	0	0	1	0	0	0	1	0	0	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	199	298	0	151	31	0	0	62	0	91	0	38
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0	0

AM PROJECT TRIPS

05/16/2023

Intersection of : Raleigh Rd / Beswick Dr & Cottle Rd

Traffix Node Number : 3301

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	7	0	0	0	0	0	0	0	29	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	0	16	0	0	0	0	18	0	28	28	11
TOTAL:	**264**	**400**	**16**	**151**	**58**	**0**	**1**	**80**	**51**	**119**	**28**	**49**

	LEFT	THRU	RIGHT
NORTH	151	58	0
EAST	119	28	49
SOUTH	264	400	16
WEST	1	80	51

PM PROJECT TRIPS

05/16/2023

Intersection of : Raleigh Rd / Beswick Dr & Cottle Rd

Traffix Node Number : 3301

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
COYOTE REASSIGN Office/Industrial NORTH COYOTE VALLEY COYOTE VALLEY	-32	-16	0	0	-141	0	0	0	-45	0	0	0
EDENVALE1 Office/Industrial EAST OF 101, NORTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 1	4	15	0	0	141	0	0	0	45	0	0	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	46	6	0	0	55	1	0	0	5	0	0	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	2	7	0	0	61	0	0	0	29	0	0	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	1	0	0	7	0	0	0	3	0	0	0
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	55	83	0	44	89	0	0	16	0	278	0	111
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	806	0	0	196	0	0	0	0	0	0	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Raleigh Rd / Beswick Dr & Cottle Rd

Traffix Node Number : 3301

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	28	0	0	0	0	0	0	0	3	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	0	25	0	0	0	0	29	0	12	12	5
TOTAL:	**103**	**902**	**25**	**44**	**408**	**1**	**0**	**45**	**40**	**290**	**12**	**116**

	LEFT	THRU	RIGHT
NORTH	44	408	1
EAST	290	12	116
SOUTH	103	902	25
WEST	0	45	40

AM PROJECT TRIPS

05/16/2023

Intersection of : Camino Verde Dr & Santa Teresa Bl

Traffix Node Number : 3374

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
19-133124 TA (3-06212) Retail/Commercial Santa Teresa Kaiser Hospital Expansion	0	0	0	0	0	1	1	2	0	0	2	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	0	0	0	0	0	0	303	0	0	79	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	0	0	0	0	0	0	57	0	0	14	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	0	0	0	0	0	6	0	0	1	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	0	0	0	0	0	0	604	0	0	151	0
TOTAL:	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**972**	**0**	**0**	**247**	**0**

	LEFT	THRU	RIGHT
NORTH	0	0	1
EAST	0	247	0
SOUTH	0	0	0
WEST	1	972	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Camino Verde Dr & Santa Teresa Bl

Traffix Node Number : 3374

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
19-133124 TA (3-06212) Retail/Commercial Santa Teresa Kaiser Hospital Expansion	0	0	0	0	0	1	1	2	0	0	2	0
EDENVALE2 Office/Industrial W/O 101, BOUNDED BY COTTLE RD, SANTA TERESA AND EDENVALE ZONE 2	0	0	0	0	0	0	0	38	0	0	299	0
EDENVALE3-4 Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE ZONE 3&4	0	0	0	0	0	0	0	6	0	0	57	0
EDENVALE3-4POOL Office/Industrial EAST OF 101, SOUTH OF SILVER CREEK VALLEY RD EDENVALE AREA 3-4 POOL	0	0	0	0	0	0	0	0	0	0	6	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	0	0	0	0	0	0	151	0	0	604	0
TOTAL:	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**197**	**0**	**0**	**968**	**0**

	LEFT	THRU	RIGHT
NORTH	0	0	1
EAST	0	968	0
SOUTH	0	0	0
WEST	1	197	0

AM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & N Cottle Rd & Palmia Dr / Hospital Py

Traffix Node Number : 3426

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	78	0	0	16	0	0	0	0	0	0	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	10	0	0	40	0	0	0	0	0	0	0
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	7	0	0	29	0	0	0	0	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	3	0	1	5	1	0	0	0	0	0	0
TOTAL:	**0**	**98**	**0**	**1**	**90**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	1	90	1
EAST	0	0	0
SOUTH	0	98	0
WEST	0	0	0

PM PROJECT TRIPS

05/16/2023

Intersection of : Cottle Rd & N Cottle Rd & Palmia Dr / Hospital Py

Traffix Node Number : 3426

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
HITACHI CREDIT (3-14641) Office/Industrial 5600 COTTLE RD HITACHI CREDIT	0	21	0	0	58	0	0	0	0	0	0	0
NORTH COYOTE Office/Industrial NORTH COYOTE VALLEY NORTH COYOTE VALLEY CAMPUS INDUSTRIAL	0	40	0	0	10	0	0	0	0	0	0	0
PDC04-100R&D (3-14681) Office/Industrial ROUTE 85/GREAT OAKS ISTAR - R&D PORTION	0	28	0	0	3	0	0	0	0	0	0	0
PDC12-028 RES (3-14681) Residential ISTAR MIXED-USE	0	5	0	0	2	0	0	0	0	0	0	0
TOTAL:	**0**	**94**	**0**	**0**	**73**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

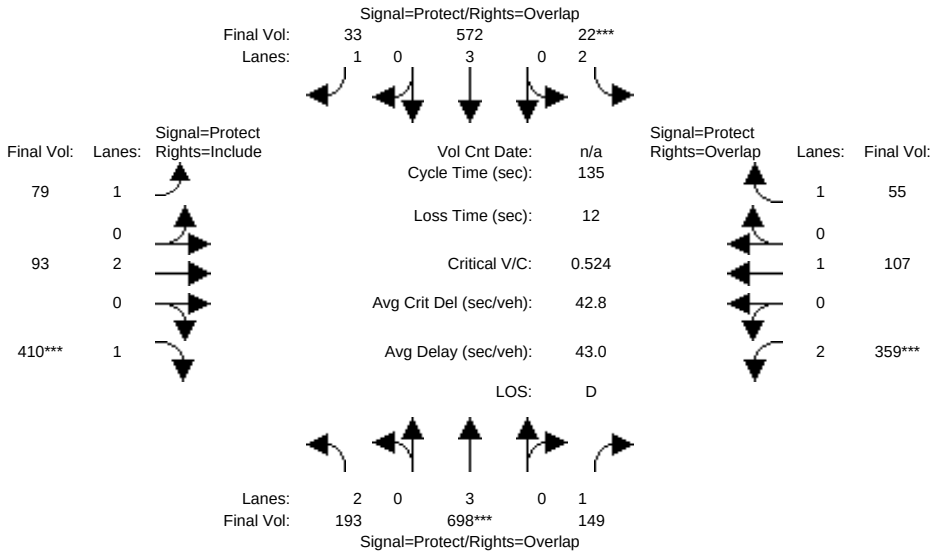
	LEFT	THRU	RIGHT
NORTH	0	73	0
EAST	0	0	0
SOUTH	0	94	0
WEST	0	0	0

Appendix C:
TRAFFIX Reports for Intersection LOS & Queuing

Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	193	698	149	22	572	33	79	93	410	359	107	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	193	698	149	22	572	33	79	93	410	359	107	55
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	193	698	149	22	572	33	79	93	410	359	107	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	193	698	149	22	572	33	79	93	410	359	107	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	193	698	149	22	572	33	79	93	410	359	107	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	193	698	149	22	572	33	79	93	410	359	107	55
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.12	0.09	0.01	0.10	0.02	0.05	0.02	0.23	0.11	0.06	0.03
Crit Moves:		****			****				****	****		
Green Time:	14.1	30.2	58.3	7.0	23.1	58.4	35.3	57.7	57.7	28.1	50.5	57.5
Volume/Cap:	0.59	0.55	0.20	0.13	0.59	0.04	0.17	0.06	0.55	0.55	0.15	0.07
Delay/Veh:	60.4	46.9	24.0	61.5	52.5	22.2	38.7	22.7	29.7	48.8	28.1	23.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.4	46.9	24.0	61.5	52.5	22.2	38.7	22.7	29.7	48.8	28.1	23.0
LOS by Move:	E	D	C	E	D-	C+	D+	C+	C	D	C	C
HCM2k95thQ:	9	16	8	1	15	2	5	2	24	16	6	3

Note: Queue reported is the number of cars per lane.

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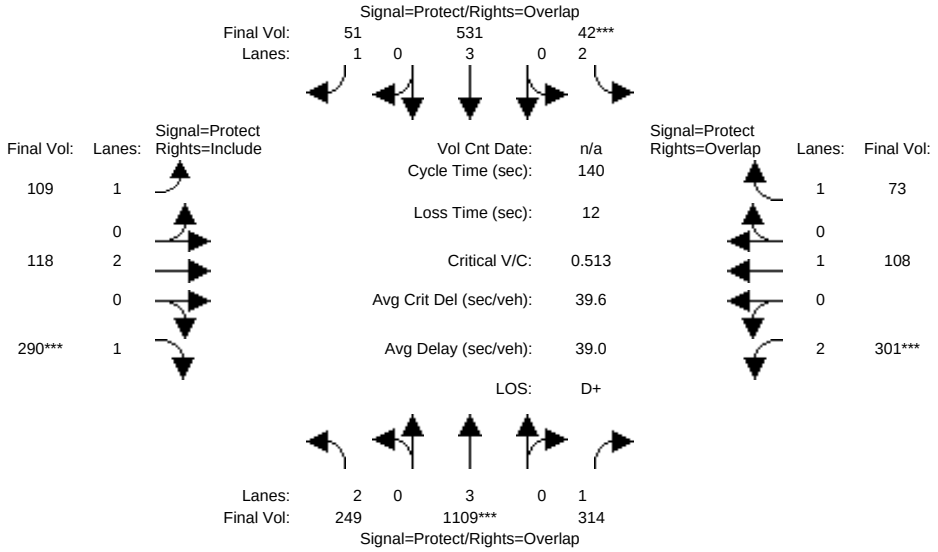
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	249	1109	314	42	531	51	109	118	290	301	108	73
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	249	1109	314	42	531	51	109	118	290	301	108	73
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	249	1109	314	42	531	51	109	118	290	301	108	73
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	249	1109	314	42	531	51	109	118	290	301	108	73
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	249	1109	314	42	531	51	109	118	290	301	108	73
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	249	1109	314	42	531	51	109	118	290	301	108	73
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.19	0.18	0.01	0.09	0.03	0.06	0.03	0.17	0.10	0.06	0.04
Crit Moves:		****			****				****	****		
Green Time:	26.9	51.6	77.0	7.0	31.7	64.0	32.3	44.0	44.0	25.4	37.0	44.0
Volume/Cap:	0.41	0.53	0.33	0.27	0.41	0.06	0.27	0.10	0.53	0.53	0.21	0.13
Delay/Veh:	50.0	34.9	17.5	64.9	46.4	21.3	44.5	34.0	40.4	52.8	40.4	34.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	50.0	34.9	17.5	64.9	46.4	21.3	44.5	34.0	40.4	52.8	40.4	34.4
LOS by Move:	D	C-	B	E	D	C+	D	C-	D	D-	D	C-
HCM2k95thQ:	11	22	15	3	13	3	8	4	20	14	7	5

Note: Queue reported is the number of cars per lane.

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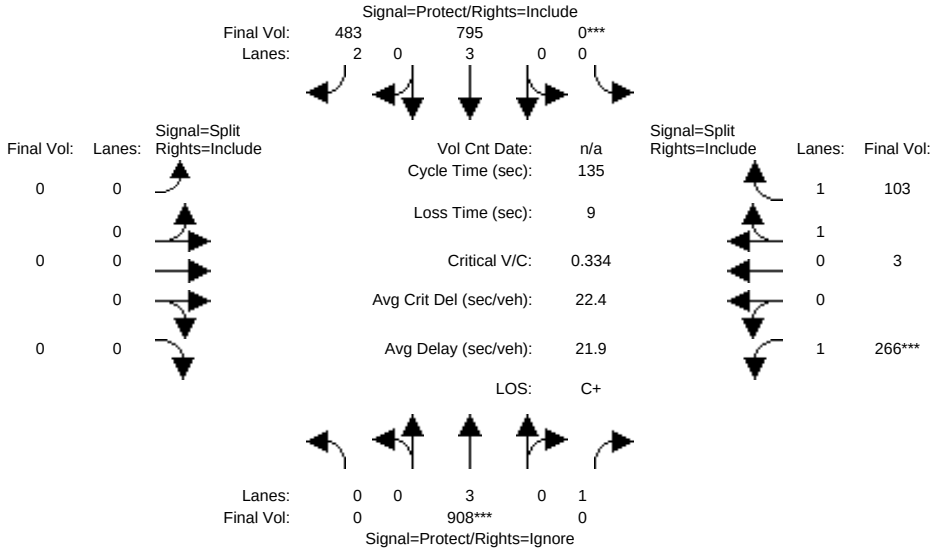
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp




```
Street Name:          Cottle Road            State Route 85 NB On/Off-Ramp
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10   10     0   10   10     0    0    0    10   10   10
Y+R:         4.0  4.0  4.0   4.0  4.0  4.0   4.0  4.0  4.0   4.0  4.0  4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  908  592     0  795  483     0    0    0   266    3  103
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:    0  908  592     0  795  483     0    0    0   266    3  103
Added Vol:      0    0    0     0    0    0     0    0    0     0    0    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:    0  908  592     0  795  483     0    0    0   266    3  103
User Adj:    1.00 1.00 0.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 0.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:     0  908    0     0  795  483     0    0    0   266    3  103
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    0  908    0     0  795  483     0    0    0   266    3  103
PCE Adj:     1.00 1.00 0.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 0.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:    0  908    0     0  795  483     0    0    0   266    3  103
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900 1900  1900 1900 1900  1900 1900 1900  1900 1900 1900
Adjustment:  0.92 1.00 0.92  0.92 1.00 0.83  0.92 1.00 0.92  0.92 0.95 0.95
Lanes:       0.00 3.00 1.00  0.00 3.00 2.00  0.00 0.00 0.00  1.00 0.06 1.94
Final Sat.:     0 5700 1750     0 5700 3150     0    0    0  1750  102 3498
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.16 0.00  0.00 0.14 0.15  0.00 0.00 0.00  0.15 0.03 0.03
Crit Moves:       ****       ****                       ****
Green Time:   0.0 64.5  0.0   0.0 64.5 64.5   0.0  0.0  0.0  61.5 61.5 61.5
Volume/Cap:  0.00 0.33 0.00  0.00 0.29 0.32  0.00 0.00 0.00  0.33 0.06 0.06
Delay/Veh:    0.0 22.0  0.0   0.0 21.5 21.9   0.0  0.0  0.0  23.8 20.6 20.6
User DelAdj: 1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:   0.0 22.0  0.0   0.0 21.5 21.9   0.0  0.0  0.0  23.8 20.6 20.6
LOS by Move:    A   C+    A     A   C+   C+     A    A    A     C   C+   C+
HCM2k95thQ:     0   14    0     0   12   13     0    0    0    14    3    3
Note: Queue reported is the number of cars per lane.
```

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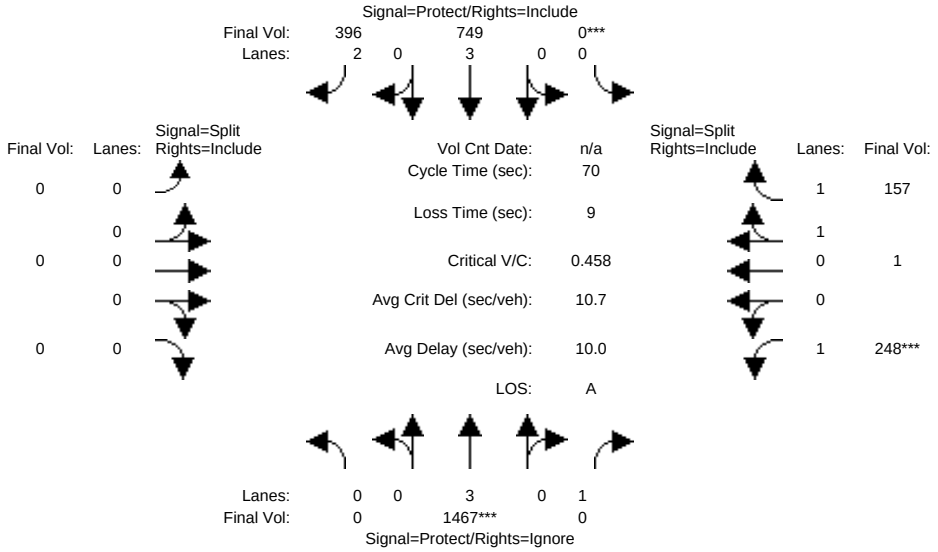
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp




```
Street Name:          Cottle Road            State Route 85 NB On/Off-Ramp
Approach:      North Bound      South Bound      East Bound      West Bound
Movement:    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10    10     0   10    10     0    0     0   10   10    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0  4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1467   651     0  749   396     0    0     0   248    1   157
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1467   651     0  749   396     0    0     0   248    1   157
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1467   651     0  749   396     0    0     0   248    1   157
User Adj:    1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1467     0     0  749   396     0    0     0   248    1   157
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0 1467     0     0  749   396     0    0     0   248    1   157
PCE Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    0 1467     0     0  749   396     0    0     0   248    1   157
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.83  0.92 1.00  0.92  0.92 0.95  0.95
Lanes:       0.00 3.00  1.00  0.00 3.00  2.00  0.00 0.00  0.00  1.00 0.01  1.99
Final Sat.:     0 5700  1750     0 5700  3150     0    0     0  1750   23  3577
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.26  0.00  0.00 0.13  0.13  0.00 0.00  0.00  0.14 0.04  0.04
Crit Moves:       ****        ****                        ****
Green Time:   0.0 39.3   0.0   0.0 39.3  39.3   0.0  0.0   0.0  21.7 21.7  21.7
Volume/Cap:  0.00 0.46  0.00  0.00 0.23  0.22  0.00 0.00  0.00  0.46 0.14  0.14
Delay/Veh:    0.0  9.1   0.0   0.0  7.8   7.7   0.0  0.0   0.0  20.1 17.5  17.5
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0  9.1   0.0   0.0  7.8   7.7   0.0  0.0   0.0  20.1 17.5  17.5
LOS by Move:    A    A     A     A    A     A     A    A     A    C+   B     B
HCM2k95thQ:     0   12     0     0    5     5     0    0     0   10    3     3
Note: Queue reported is the number of cars per lane.
```

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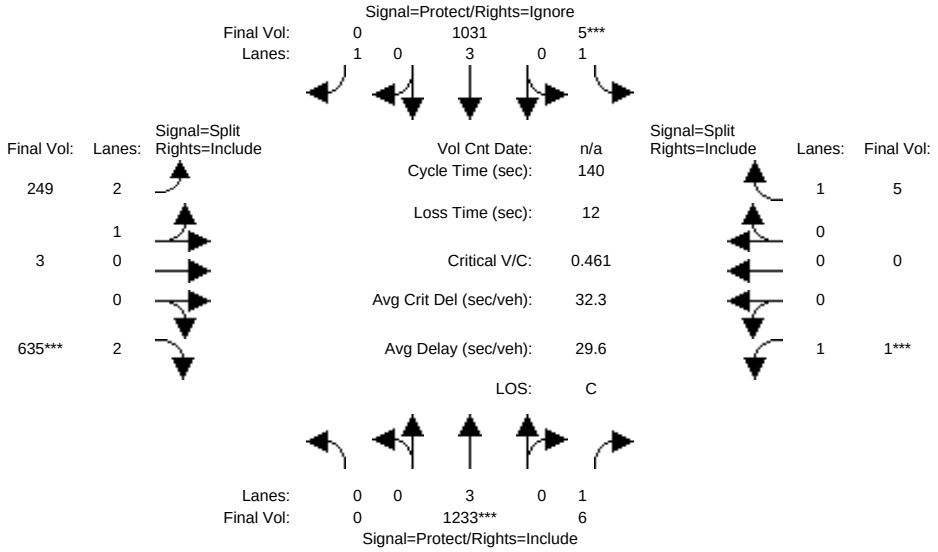
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp




```
Street Name:          Cottle Road              State Route 85 SB Off-Ramp
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10    10     7   10    10    10   10    10    10   0    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1233     6     5 1031    52   249    3   635     1    0     5
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1233     6     5 1031    52   249    3   635     1    0     5
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1233     6     5 1031    52   249    3   635     1    0     5
User Adj:    1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1233     6     5 1031     0   249    3   635     1    0     5
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0 1233     6     5 1031     0   249    3   635     1    0     5
PCE Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    0 1233     6     5 1031     0   249    3   635     1    0     5
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.92  0.87 0.95  0.83  0.92 1.00  0.92
Lanes:       0.00 3.00  1.00  1.00 3.00  1.00  2.97 0.03  2.00  1.00 0.00  1.00
Final Sat.:     0 5700  1750  1750 5700  1750  4891   59  3150  1750    0  1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.22  0.00  0.00 0.18  0.00  0.05 0.05  0.20  0.00 0.00  0.00
Crit Moves:       ****        ****                    ****  ****
Green Time:   0.0 57.5  57.5   7.0 64.5   0.0  53.5 53.5  53.5  10.0  0.0  10.0
Volume/Cap:  0.00 0.53  0.01  0.06 0.39  0.00  0.13 0.13  0.53  0.01 0.00  0.04
Delay/Veh:    0.0 31.3  24.4  63.6 25.0   0.0  28.2 28.2  33.9  60.4  0.0  60.7
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0 31.3  24.4  63.6 25.0   0.0  28.2 28.2  33.9  60.4  0.0  60.7
LOS by Move:    A    C     C    E    C     A    C    C    C-    E    A     E
HCM2k95thQ:     0   23     0    0   17     0    5    5   23     0    0     0
Note: Queue reported is the number of cars per lane.
```

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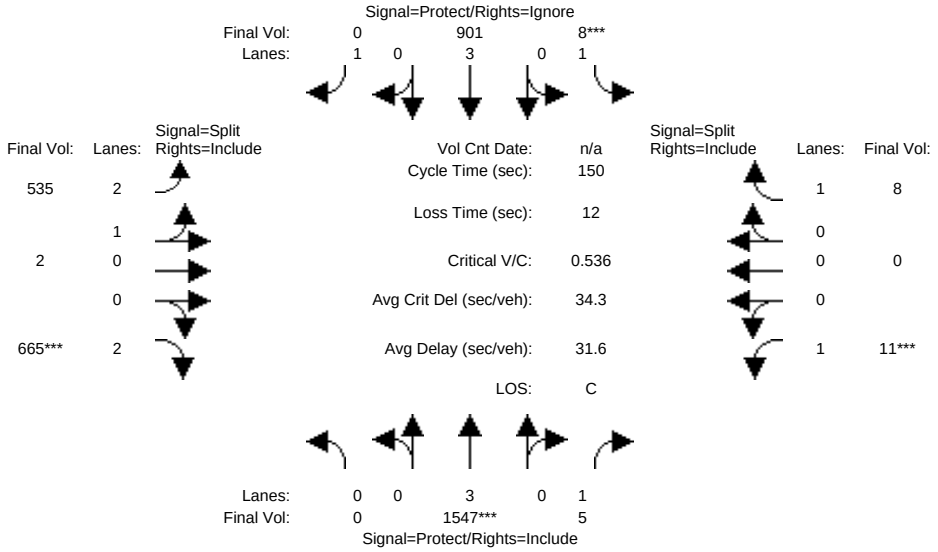
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp




```
Street Name:          Cottle Road             State Route 85 SB Off-Ramp
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10    10     7   10    10    10   10    10    10    0    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1547     5     8  901    83   535    2   665    11    0     8
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1547     5     8  901    83   535    2   665    11    0     8
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1547     5     8  901    83   535    2   665    11    0     8
User Adj:    1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1547     5     8  901     0   535    2   665    11    0     8
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0 1547     5     8  901     0   535    2   665    11    0     8
PCE Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    0 1547     5     8  901     0   535    2   665    11    0     8
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.92  0.87 0.95  0.83  0.92 1.00  0.92
Lanes:       0.00 3.00  1.00  1.00 3.00  1.00  2.99 0.01  2.00  1.00 0.00  1.00
Final Sat.:     0 5700  1750  1750 5700  1750  4931   18  3150  1750    0  1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.27  0.00  0.00 0.16  0.00  0.11 0.11  0.21  0.01 0.00  0.00
Crit Moves:       ****        ****                    ****  ****
Green Time:   0.0 68.1  68.1   7.0 75.1   0.0  52.9 52.9  52.9  10.0  0.0  10.0
Volume/Cap:  0.00 0.60  0.01  0.10 0.32  0.00  0.31 0.31  0.60  0.09 0.00  0.07
Delay/Veh:    0.0 31.1  22.4  69.0 22.3   0.0  35.3 35.3  40.7  66.1  0.0  65.9
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0 31.1  22.4  69.0 22.3   0.0  35.3 35.3  40.7  66.1  0.0  65.9
LOS by Move:    A    C    C+    E   C+     A    D+   D+    D     E    A     E
HCM2k95thQ:     0   30     0     1   15     0   13   13    27     1    0     1
Note: Queue reported is the number of cars per lane.
```

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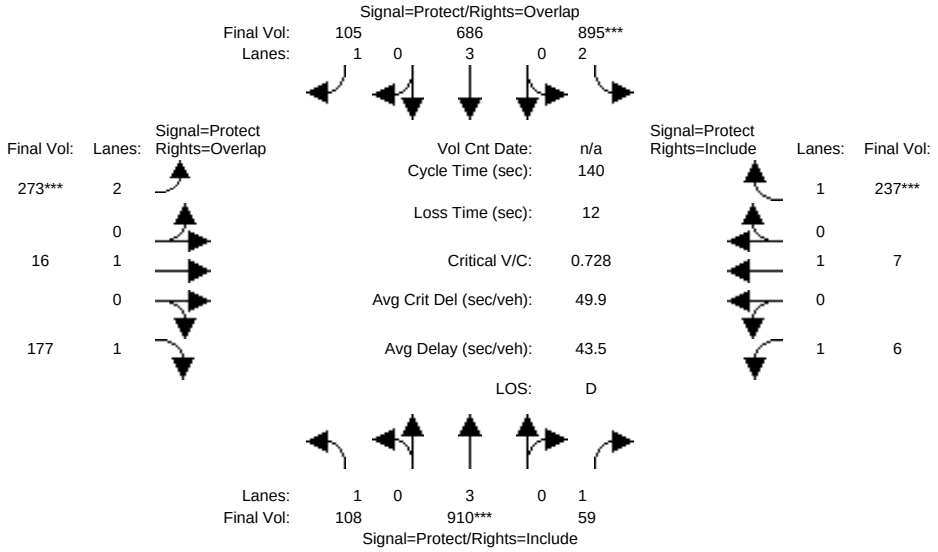
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	910	59	895	686	105	273	16	177	6	7	237
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	910	59	895	686	105	273	16	177	6	7	237
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	910	59	895	686	105	273	16	177	6	7	237
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	910	59	895	686	105	273	16	177	6	7	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	910	59	895	686	105	273	16	177	6	7	237
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	910	59	895	686	105	273	16	177	6	7	237
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.16	0.03	0.28	0.12	0.06	0.09	0.01	0.10	0.00	0.00	0.14
Crit Moves:	****			****			****			****		
Green Time:	28.9	30.7	30.7	54.6	56.4	73.1	16.7	25.1	54.0	17.6	26.0	26.0
Volume/Cap:	0.30	0.73	0.15	0.73	0.30	0.11	0.73	0.05	0.26	0.03	0.02	0.73
Delay/Veh:	47.4	53.0	44.4	38.6	28.5	17.1	66.5	47.6	29.6	53.8	46.6	61.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.4	53.0	44.4	38.6	28.5	17.1	66.5	47.6	29.6	53.8	46.6	61.7
LOS by Move:	D	D-	D	D+	C	B	E	D	C	D-	D	E
HCM2k95thQ:	8	22	4	34	12	5	16	1	11	1	1	21

Note: Queue reported is the number of cars per lane.

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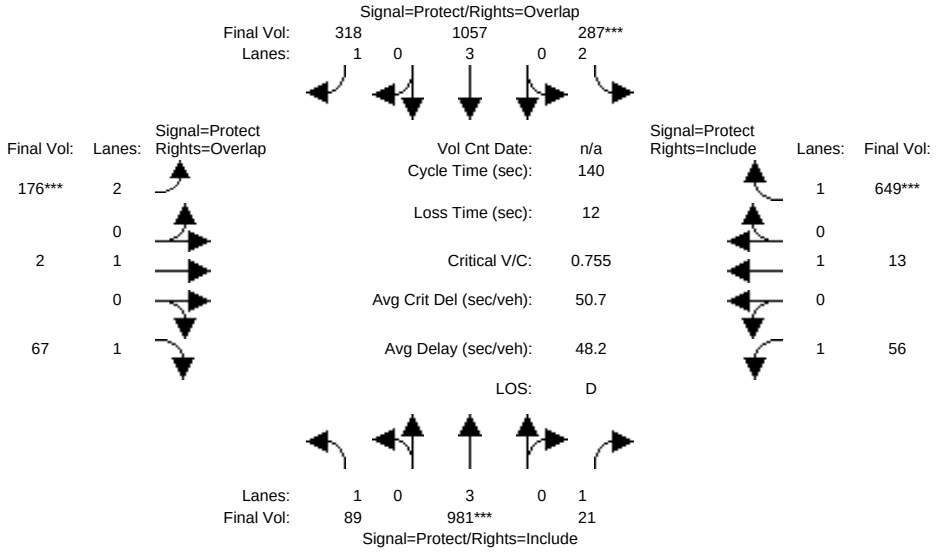
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	89	981	21	287	1057	318	176	2	67	56	13	649
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	981	21	287	1057	318	176	2	67	56	13	649
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	981	21	287	1057	318	176	2	67	56	13	649
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	981	21	287	1057	318	176	2	67	56	13	649
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	981	21	287	1057	318	176	2	67	56	13	649
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	981	21	287	1057	318	176	2	67	56	13	649
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.17	0.01	0.09	0.19	0.18	0.06	0.00	0.04	0.03	0.01	0.37
Crit Moves:	****			****			****			****		
Green Time:	10.5	31.9	31.9	16.9	38.3	48.7	10.4	46.6	57.1	32.6	68.8	68.8
Volume/Cap:	0.68	0.75	0.05	0.75	0.68	0.52	0.75	0.00	0.09	0.14	0.01	0.75
Delay/Veh:	76.4	52.9	42.3	67.9	46.5	37.2	76.7	31.2	25.6	42.7	18.2	32.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	76.4	52.9	42.3	67.9	46.5	37.2	76.7	31.2	25.6	42.7	18.2	32.6
LOS by Move:	E-	D-	D	E	D	D+	E-	C	C	D	B-	C-
HCM2k95thQ:	8	24	1	16	25	21	12	0	4	4	1	41

Note: Queue reported is the number of cars per lane.

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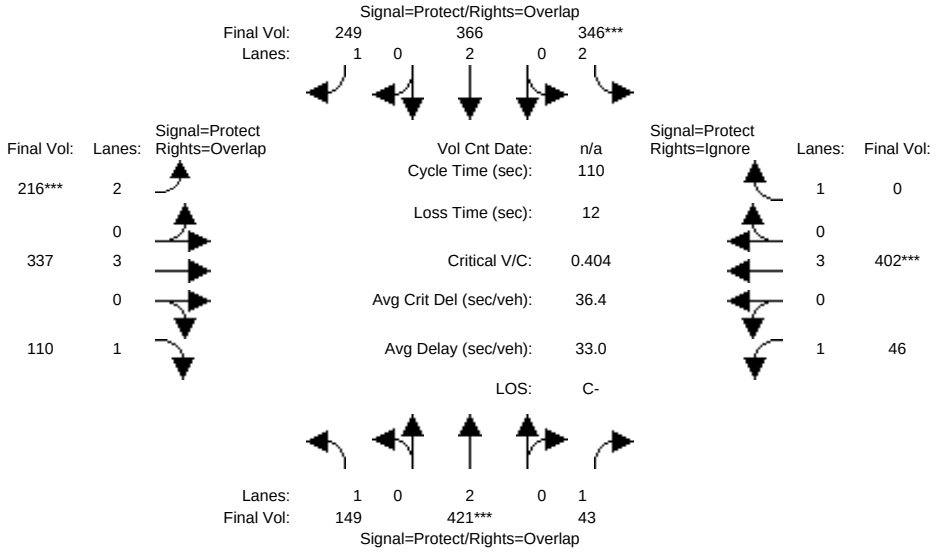
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	149	421	43	346	366	249	216	337	110	46	402	331
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	149	421	43	346	366	249	216	337	110	46	402	331
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	149	421	43	346	366	249	216	337	110	46	402	331
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	149	421	43	346	366	249	216	337	110	46	402	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	149	421	43	346	366	249	216	337	110	46	402	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	149	421	43	346	366	249	216	337	110	46	402	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.11	0.02	0.11	0.10	0.14	0.07	0.06	0.06	0.03	0.07	0.00
Crit Moves:	****			****			****			****		
Green Time:	28.2	30.2	45.8	29.9	31.9	50.6	18.7	22.3	50.5	15.6	19.2	0.0
Volume/Cap:	0.33	0.40	0.06	0.40	0.33	0.31	0.40	0.29	0.14	0.19	0.40	0.00
Delay/Veh:	33.7	32.8	19.2	33.1	30.9	18.9	41.2	37.3	17.3	42.0	40.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.7	32.8	19.2	33.1	30.9	18.9	41.2	37.3	17.3	42.0	40.6	0.0
LOS by Move:	C-	C-	B-	C-	C	B-	D	D+	B	D	D	A
HCM2k95thQ:	9	11	2	11	9	11	8	7	5	3	8	0

Note: Queue reported is the number of cars per lane.

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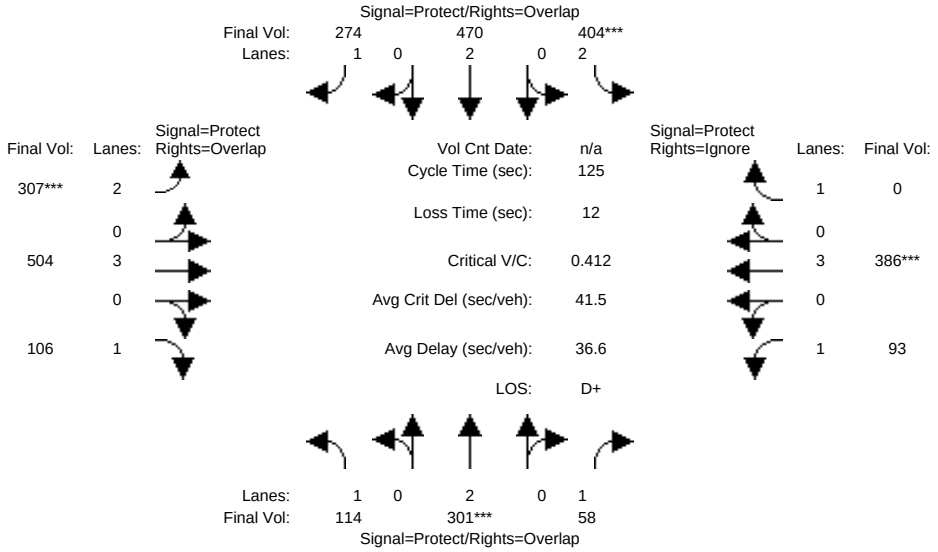
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #5: Cottle Road/Santa Teresa Boulevard




```
Street Name:          Cottle Road              Santa Teresa Boulevard
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:    7   10   10    7   10   10    7   10   10    7   10   10
Y+R:         4.0  4.0  4.0  4.0  4.0  4.0  4.0  4.0  4.0  4.0  4.0  4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:    114  301   58  404  470  274  307  504  106   93  386  436
Growth Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Initial Bse: 114  301   58  404  470  274  307  504  106   93  386  436
Added Vol:     0    0    0    0    0    0    0    0    0    0    0    0
PasserByVol:   0    0    0    0    0    0    0    0    0    0    0    0
Initial Fut: 114  301   58  404  470  274  307  504  106   93  386  436
User Adj:   1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00
PHF Adj:    1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00
PHF Volume:  114  301   58  404  470  274  307  504  106   93  386    0
Reduct Vol:    0    0    0    0    0    0    0    0    0    0    0    0
Reduced Vol: 114  301   58  404  470  274  307  504  106   93  386    0
PCE Adj:    1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00
MLF Adj:    1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00
FinalVolume: 114  301   58  404  470  274  307  504  106   93  386    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:   1900 1900 1900 1900 1900 1900 1900 1900 1900 1900 1900 1900
Adjustment: 0.92 1.00 0.92 0.83 1.00 0.92 0.83 1.00 0.92 0.92 1.00 0.92
Lanes:      1.00 2.00 1.00 2.00 2.00 1.00 2.00 3.00 1.00 1.00 3.00 1.00
Final Sat.: 1750 3800 1750 3150 3800 1750 3150 5700 1750 1750 5700 1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:    0.07 0.08 0.03 0.13 0.12 0.16 0.10 0.09 0.06 0.05 0.07 0.00
Crit Moves:      ****      ****           ****               ****
Green Time: 21.7 24.0 43.4 38.9 41.2 70.8 29.6 30.7 52.4 19.4 20.5  0.0
Volume/Cap: 0.38 0.41 0.10 0.41 0.38 0.28 0.41 0.36 0.14 0.34 0.41 0.00
Delay/Veh:  46.4 44.7 27.6 34.3 32.2 14.1 40.7 39.2 22.6 47.8 47.1  0.0
User DelAdj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
AdjDel/Veh: 46.4 44.7 27.6 34.3 32.2 14.1 40.7 39.2 22.6 47.8 47.1  0.0
LOS by Move:   D    D    C   C-   C-    B    D    D   C+    D    D    A
HCM2k95thQ:    9   10    3   13   12   11   12   10    5    7    8    0
Note: Queue reported is the number of cars per lane.
```

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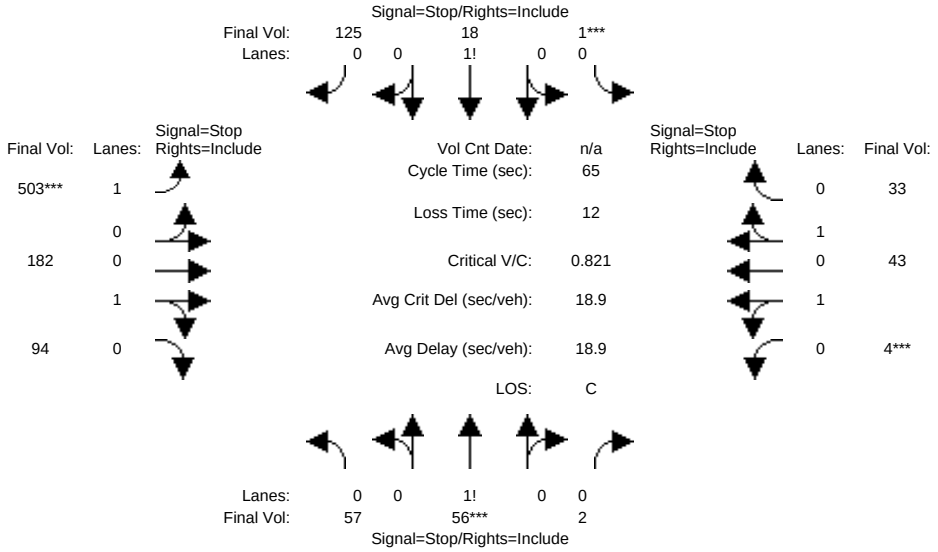
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Existing AM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	57	56	2	1	18	125	503	182	94	4	43	33
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	56	2	1	18	125	503	182	94	4	43	33
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	56	2	1	18	125	503	182	94	4	43	33
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	56	2	1	18	125	503	182	94	4	43	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	56	2	1	18	125	503	182	94	4	43	33
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	56	2	1	18	125	503	182	94	4	43	33
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.49	0.49	0.02	0.01	0.12	0.87	1.00	0.66	0.34	0.10	1.07	0.83
Final Sat.:	280	275	10	4	79	545	613	462	238	55	598	499
Capacity Analysis Module:												
Vol/Sat:	0.20	0.20	0.20	0.23	0.23	0.23	0.82	0.39	0.39	0.07	0.07	0.07
Crit Moves:	****			****			****			****		
Delay/Veh:	10.5	10.5	10.5	9.9	9.9	9.9	29.3	11.0	11.0	9.4	9.3	8.7
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	10.5	10.5	10.5	9.9	9.9	9.9	29.3	11.0	11.0	9.4	9.3	8.7
LOS by Move:	B	B	B	A	A	A	D	B	B	A	A	A
ApproachDel:	10.5			9.9			22.8			9.0		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	10.5			9.9			22.8			9.0		
LOS by Appr:	B			A			C			A		
AllWayAvgQ:	0.2	0.2	0.2	0.3	0.3	0.3	3.5	0.6	0.6	0.1	0.1	0.1

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour				
HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.08	0.08	0.55	0.07
P[C2]:	0.02	0.02	0.08	0.56
P[C3]:	0.62	0.64	0.28	0.04
P[C4]:	0.26	0.24	0.08	0.29
P[C5]:	0.02	0.02	0.01	0.04
Padj[C1]:	0.021	0.021	0.009	0.017
Padj[C2]:	0.012	0.012	0.004	0.002
Padj[C3]:	-0.015	-0.016	-0.008	0.003
Padj[C4]:	-0.015	-0.014	-0.005	-0.017
Padj[C5]:	-0.002	-0.002	-0.001	-0.004

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.106	xx.xxx	-0.502	xx.xxx	0.517	-0.221	0.067	-0.560
Volume:	115	xxxxxx	144	xxxxxx	503	276	40	40
Capacity:	564	xxxxx	628	xxxxx	613	700	547	605
DegOfUtil:	0.19	x.xx	0.22	x.xx	0.82	0.39	0.07	0.06
DepHeadway:	6.06	xx.xx	5.42	xx.xx	5.84	5.10	6.22	5.59
ServiceTime:	4.1	xx.x	3.4	xx.x	3.5	2.8	3.9	3.3
Delay:	10.5	xxx.x	9.9	xxx.x	29.3	11.0	9.4	8.7
Queue:	0.2	xxx.x	0.3	xxx.x	3.5	0.6	0.1	0.1

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	10.5	9.9	22.8	9.0
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	10.5	9.9	22.8	9.0
LOS by Appr:	B	A	C	A

OverallDel: 18.9
OverallLOS: C

Peak Hour Volume Signal Warrant Report [Urban]

****

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Intersection #6 International Circle/Hospital Parkway

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R	
Control:	Stop Sign					Stop Sign					Stop Sign					Stop Sign
Lanes:	0	0	1!	0	0	0	0	1!	0	0	1	0	0	1	0	0	1	0	1	0
Initial Vol:	57	56		2		1	18		125		503	182		94		4	43		33	

Major Street Volume: 859
Minor Approach Volume: 144
Minor Approach Volume Threshold: 337

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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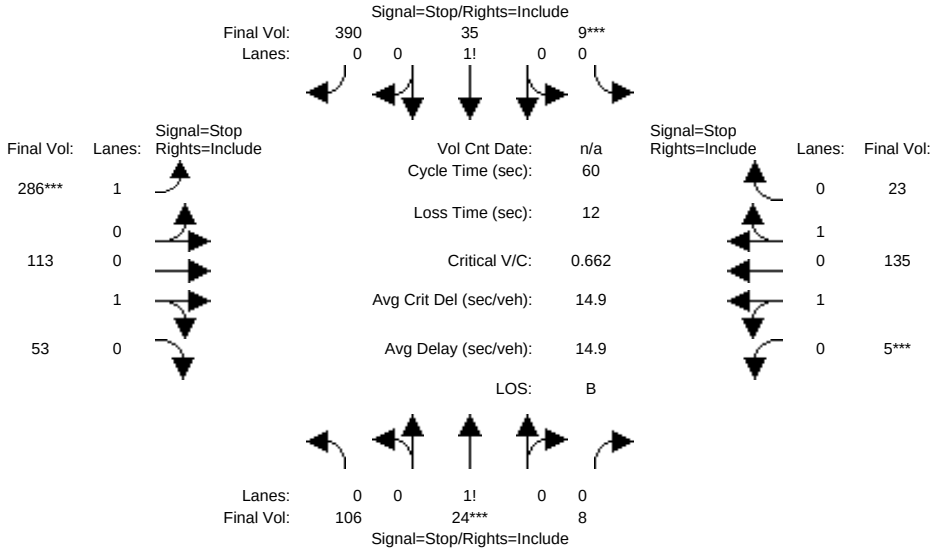
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Existing PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	106	24	8	9	35	390	286	113	53	5	135	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	106	24	8	9	35	390	286	113	53	5	135	23
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	106	24	8	9	35	390	286	113	53	5	135	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	106	24	8	9	35	390	286	113	53	5	135	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	106	24	8	9	35	390	286	113	53	5	135	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	106	24	8	9	35	390	286	113	53	5	135	23
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.77	0.17	0.06	0.02	0.08	0.90	1.00	0.68	0.32	0.06	1.66	0.28
Final Sat.:	394	89	30	14	53	589	509	386	181	30	814	141
Capacity Analysis Module:												
Vol/Sat:	0.27	0.27	0.27	0.66	0.66	0.66	0.56	0.29	0.29	0.17	0.17	0.16
Crit Moves:	****			****			****			****		
Delay/Veh:	11.6	11.6	11.6	17.3	17.3	17.3	17.4	11.2	11.2	10.8	10.7	10.5
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	11.6	11.6	11.6	17.3	17.3	17.3	17.4	11.2	11.2	10.8	10.7	10.5
LOS by Move:	B	B	B	C	C	C	C	B	B	B	B	B
ApproachDel:	11.6			17.3			15.1			10.6		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	11.6			17.3			15.1			10.6		
LOS by Appr:	B			C			C			B		
AllWayAvgQ:	0.3	0.3	0.3	1.6	1.6	1.6	1.1	0.4	0.4	0.2	0.2	0.2

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour

HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.08	0.18	0.19	0.09
P[C2]:	0.15	0.06	0.08	0.18
P[C3]:	0.21	0.43	0.41	0.19
P[C4]:	0.44	0.28	0.27	0.44
P[C5]:	0.12	0.05	0.04	0.11
Padj[C1]:	0.024	0.020	0.019	0.023
Padj[C2]:	0.013	0.011	0.010	0.012
Padj[C3]:	0.001	-0.009	-0.009	0.001
Padj[C4]:	-0.025	-0.017	-0.016	-0.025
Padj[C5]:	-0.012	-0.005	-0.004	-0.011

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.136	xx.xxx	-0.518	xx.xxx	0.517	-0.206	0.048	-0.181
Volume:	138	xxxxxx	434	xxxxxx	286	166	82	82
Capacity:	513	xxxxx	656	xxxxx	509	567	484	500
DegOfUtil:	0.25	x.xx	0.64	x.xx	0.54	0.28	0.15	0.15
DepHeadway:	6.46	xx.xx	5.31	xx.xx	6.84	6.12	6.84	6.61
ServiceTime:	4.5	xx.x	3.3	xx.x	4.5	3.8	4.5	4.3
Delay:	11.6	xxx.x	17.3	xxx.x	17.4	11.2	10.8	10.5
Queue:	0.3	xxx.x	1.6	xxx.x	1.1	0.4	0.2	0.2

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	11.6	17.3	15.1	10.6
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	11.6	17.3	15.1	10.6
LOS by Appr:	B	C	C	B

OverallDel: 14.9
OverallLOS: B

Peak Hour Volume Signal Warrant Report [Urban]

****

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Intersection #6 International Circle/Hospital Parkway

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0	0	1! 0	0	0	0	1! 0	0	1	0	0	1 0
Initial Vol:	106	24	8	9	35	390	286	113	53	5	135	23

Major Street Volume: 615
Minor Approach Volume: 434
Minor Approach Volume Threshold: 452

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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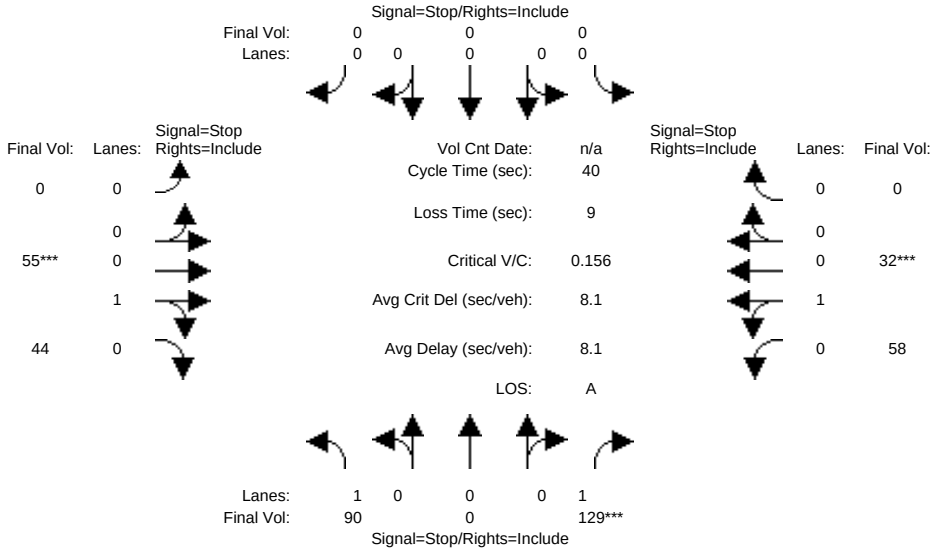
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Existing AM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:       Camino Verde Drive            International Circle
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:   10    0   10    0    0    0    0   10    10   10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     90    0  129    0    0    0    0   55    44   58   32    0
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00  1.00 1.00 1.00 1.00
Initial Bse:  90    0  129    0    0    0    0   55    44   58   32    0
Added Vol:     0    0    0    0    0    0    0    0     0    0    0    0
PasserByVol:   0    0    0    0    0    0    0    0     0    0    0    0
Initial Fut:  90    0  129    0    0    0    0   55    44   58   32    0
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00  1.00 1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00  1.00 1.00 1.00 1.00
PHF Volume:   90    0  129    0    0    0    0   55    44   58   32    0
Reduct Vol:    0    0    0    0    0    0    0    0     0    0    0    0
Reduced Vol:  90    0  129    0    0    0    0   55    44   58   32    0
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00  1.00 1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00  1.00 1.00 1.00 1.00
FinalVolume:  90    0  129    0    0    0    0   55    44   58   32    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment: 1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00  1.00 1.00 1.00 1.00
Lanes:      1.00 0.00 1.00  0.00 0.00 0.00  0.00 0.00 0.56 0.44 0.64 0.36 0.00
Final Sat.:  648    0  826    0    0    0    0  453   363  483  266    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:    0.14 xxxx 0.16 xxxx xxxx xxxx xxxx 0.12 0.12 0.12 0.12 xxxx
Crit Moves:          ****                    ****          ****
Delay/Veh:   9.0  0.0  7.7  0.0  0.0  0.0  0.0  7.8  7.8  8.2  8.2  0.0
Delay Adj:  1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
AdjDel/Veh:  9.0  0.0  7.7  0.0  0.0  0.0  0.0  7.8  7.8  8.2  8.2  0.0
LOS by Move:   A    *    A    *    *    *    *    A    A    A    A    *
ApproachDel:      8.2          xxxxxx            7.8            8.2
Delay Adj:       1.00          xxxxx             1.00           1.00
ApprAdjDel:       8.2          xxxxxx            7.8            8.2
LOS by Appr:        A             *               A              A
AllWayAvgQ:  0.2  0.0  0.2  0.0  0.0  0.0  0.1  0.1  0.1  0.1  0.1  0.1
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:           1%             1%             1%             1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:         5              X              2              2
P[C1]:        0.7809         x.xxxx         0.6485         0.6479
P[C2]:        0.0000         x.xxxx         0.0851         0.0856
P[C3]:        0.2056         x.xxxx         0.2356         0.2354
P[C4]:        0.0135         x.xxxx         0.0309         0.0311
P[C5]:        0.0000         x.xxxx         0.0000         0.0000
Padj[C1]:      0.00452        xx.xxxxx        0.00649        0.00650
Padj[C2]:      0.00233        xx.xxxxx        0.00212        0.00212
Padj[C3]:     -0.00603        xx.xxxxx       -0.00676       -0.00675
Padj[C4]:     -0.00081        xx.xxxxx       -0.00185       -0.00187
Padj[C5]:     -0.00000        xx.xxxxx       -0.00000       -0.00000
-----------|---------------|---------------|---------------|---------------|
Lanes:         L1     L2      L1     L2      L1     L2      L1     L2
LaneType:    LEFT    RITE    NOLANE  NOLANE    LTR    NOLANE    LTR    NOLANE
---------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx   -0.250  xx.xxx    0.146  xx.xxx
Volume:         90     129   xxxxxx  xxxxxx      99  xxxxxx      90  xxxxxx
Capacity:      648     826    xxxxx   xxxxx     816   xxxxx     749   xxxxx
DegOfUtil:    0.14    0.15     x.xx    x.xx    0.12    x.xx    0.12    x.xx
DepHeadway:   5.42    4.23    xx.xx   xx.xx    4.24   xx.xx    4.64   xx.xx
ServiceTime:  3.1     1.9     xx.x    xx.x     2.2    xx.x     2.6    xx.x
Delay:        9.0     7.7    xxx.x   xxx.x     7.8   xxx.x     8.2   xxx.x
Queue:        0.2     0.2    xxx.x   xxx.x     0.1   xxx.x     0.1   xxx.x
-----------|---------------|---------------|---------------|---------------|
Approach:      North Bound     South Bound      East Bound      West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:      8.2           xxx.x            7.8            8.2
Delay Adj:       1.00           x.xx            1.00           1.00
ApprAdjDel:       8.2           xxx.x            7.8            8.2
LOS by Appr:        A             *               A              A
OverallDel:                            8.1
OverallLOS:                             A
             Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
```

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Intersection #7 Camino Verde Drive/International Circle

```
**************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:     North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Stop Sign       Stop Sign       Stop Sign       Stop Sign
Lanes:       1  0  0  0  1   0  0  0  0  0   0  0  0  1  0   0  1  0  0  0
Initial Vol:  90    0  129    0    0    0    0   55   44   58   32    0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:           219
Minor Approach Volume:          99
Minor Approach Volume Threshold: 808
--------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```

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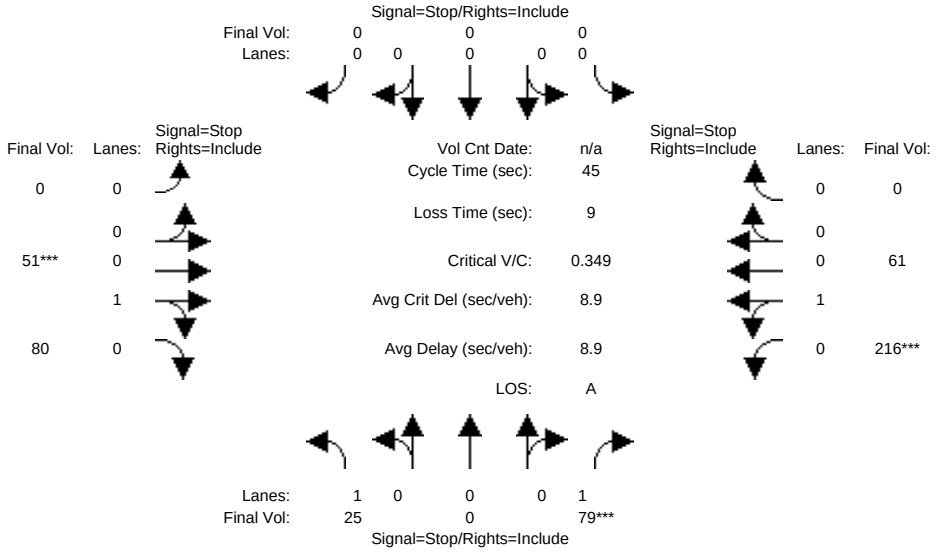
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Existing PM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:       Camino Verde Drive            International Circle
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:   10    0   10    0    0    0    0   10   10   10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     25    0   79    0    0    0    0   51   80  216   61    0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:  25    0   79    0    0    0    0   51   80  216   61    0
Added Vol:     0    0    0    0    0    0    0    0    0    0    0    0
PasserByVol:   0    0    0    0    0    0    0    0    0    0    0    0
Initial Fut:  25    0   79    0    0    0    0   51   80  216   61    0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:   25    0   79    0    0    0    0   51   80  216   61    0
Reduct Vol:    0    0    0    0    0    0    0    0    0    0    0    0
Reduced Vol:  25    0   79    0    0    0    0   51   80  216   61    0
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:  25    0   79    0    0    0    0   51   80  216   61    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 0.39  0.61  0.78 0.22  0.00
Final Sat.:   583    0  723     0    0    0    0  332   521   619  175     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:    0.04 xxxx  0.11  xxxx xxxx  xxxx  xxxx 0.15  0.15  0.35 0.35  xxxx
Crit Moves:           ****                     ****        ****
Delay/Veh:    8.8  0.0   7.9   0.0  0.0   0.0   0.0  0.0  7.8   7.8   9.8  9.8   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00
AdjDel/Veh:   8.8  0.0   7.9   0.0  0.0   0.0   0.0  0.0  7.8   7.8   9.8  9.8   0.0
LOS by Move:    A    *     A     *    *     *     *    A     A     A     A     *
ApproachDel:       8.1           xxxxxx             7.8             9.8
Delay Adj:        1.00           xxxxx              1.00            1.00
ApprAdjDel:        8.1           xxxxxx             7.8             9.8
LOS by Appr:         A             *                 A               A
AllWayAvgQ:   0.0  0.0   0.1   0.0  0.0   0.0   0.2  0.2   0.2   0.5  0.5   0.5
Note: Queue reported is the number of cars per lane.
------------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:            1%              1%              1%              1%
Alpha Value: 0.01
------------|---------------|---------------|---------------|---------------|
GroupType:          5               X               2               2
P[C1]:         0.5595          x.xxxx          0.5661          0.7330
P[C2]:         0.0000          x.xxxx          0.2950          0.1282
P[C3]:         0.3895          x.xxxx          0.0913          0.1182
P[C4]:         0.0510          x.xxxx          0.0476          0.0207
P[C5]:         0.0000          x.xxxx          0.0000          0.0000
Padj[C1]:      0.00932         xx.xxxxx         0.00620         0.00427
Padj[C2]:      0.00491         xx.xxxxx        -0.00109         0.00031
Padj[C3]:     -0.01117         xx.xxxxx        -0.00226        -0.00334
Padj[C4]:     -0.00306         xx.xxxxx        -0.00285        -0.00124
Padj[C5]:     -0.00000         xx.xxxxx        -0.00000        -0.00000
------------|---------------|---------------|---------------|---------------|
Lanes:         L1      L2      L1      L2      L1      L2      L1      L2
LaneType:    LEFT    RITE    NOLANE  NOLANE    LTR    NOLANE    LTR    NOLANE
------------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx   -0.349  xx.xxx    0.173  xx.xxx
Volume:         25      79   xxxxxx  xxxxxx      131  xxxxxx     277  xxxxxx
Capacity:      583     723    xxxxx   xxxxx      853   xxxxx     794   xxxxx
DegOfUtil:    0.04    0.10     x.xx    x.xx     0.15    x.xx    0.34    x.xx
DepHeadway:   5.86    4.67    xx.xx   xx.xx     4.09   xx.xx    4.45   xx.xx
ServiceTime:  3.6     2.4     xx.x    xx.x      2.1    xx.x     2.5    xx.x
Delay:        8.8     7.9    xxx.x   xxx.x     7.8    xxx.x    9.8    xxx.x
Queue:        0.0     0.1    xxx.x   xxx.x     0.2    xxx.x    0.5    xxx.x
------------|---------------|---------------|---------------|---------------|
Approach:      North Bound     South Bound      East Bound      West Bound
------------|---------------|---------------|---------------|---------------|
ApproachDel:       8.1           xxx.x              7.8             9.8
Delay Adj:        1.00           x.xx              1.00            1.00
ApprAdjDel:        8.1           xxx.x              7.8             9.8
LOS by Appr:         A             *                 A               A
OverallDel:                              8.9
OverallLOS:                               A
              Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
```

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Intersection #7 Camino Verde Drive/International Circle

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1	0	0	0	1	0	0	0	0	0	0	0
Initial Vol:	25	0	79	0	0	0	0	51	80	216	61	0

Major Street Volume: 408
Minor Approach Volume: 104
Minor Approach Volume Threshold: 575

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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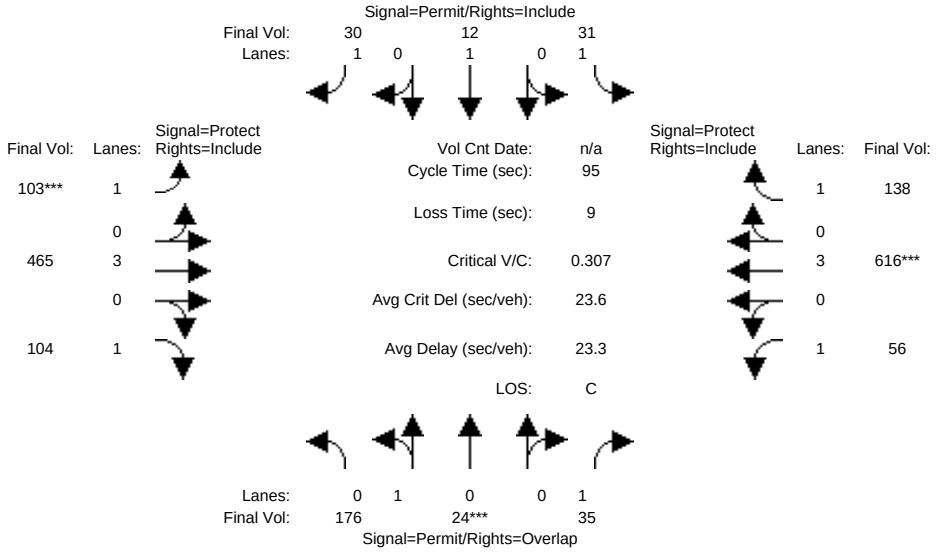
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive				Santa Teresa Boulevard			
Approach:	North Bound				South Bound			
Movement:	L	T	R		L	T	R	
Min. Green:	10	10	10		10	10	10	
Y+R:	4.0	4.0	4.0		4.0	4.0	4.0	
Volume Module:								
Base Vol:	176	24	35		31	12	30	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	176	24	35		31	12	30	
Added Vol:	0	0	0		0	0	0	
PasserByVol:	0	0	0		0	0	0	
Initial Fut:	176	24	35		31	12	30	
User Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	176	24	35		31	12	30	
Reduct Vol:	0	0	0		0	0	0	
Reduced Vol:	176	24	35		31	12	30	
PCE Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	176	24	35		31	12	30	
Saturation Flow Module:								
Sat/Lane:	1900	1900	1900		1900	1900	1900	
Adjustment:	0.95	0.95	0.92		0.92	1.00	0.92	
Lanes:	0.88	0.12	1.00		1.00	1.00	1.00	
Final Sat.:	1584	216	1750		1750	1900	1750	
Capacity Analysis Module:								
Vol/Sat:	0.11	0.11	0.02		0.02	0.01	0.02	
Crit Moves:	****						****	
Green Time:	34.4	34.4	55.6		34.4	34.4	34.4	
Volume/Cap:	0.31	0.31	0.03		0.05	0.02	0.05	
Delay/Veh:	22.0	22.0	8.3		19.7	19.5	19.7	
User DelAdj:	1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	22.0	22.0	8.3		19.7	19.5	19.7	
LOS by Move:	C+	C+	A		B-	B-	B-	
HCM2k95thQ:	9	9	1		1	0	1	

Street Name:	Santa Teresa Boulevard				Camino Verde Drive			
Approach:	East Bound				West Bound			
Movement:	L	T	R		L	T	R	
Min. Green:	7	10	10		7	10	10	
Y+R:	4.0	4.0	4.0		4.0	4.0	4.0	
Volume Module:								
Base Vol:	103	465	104		56	616	138	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	103	465	104		56	616	138	
Added Vol:	0	0	0		0	0	0	
PasserByVol:	0	0	0		0	0	0	
Initial Fut:	103	465	104		56	616	138	
User Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	103	465	104		56	616	138	
Reduct Vol:	0	0	0		0	0	0	
Reduced Vol:	103	465	104		56	616	138	
PCE Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	103	465	104		56	616	138	
Saturation Flow Module:								
Sat/Lane:	1900	1900	1900		1900	1900	1900	
Adjustment:	0.92	0.92	1.00		0.92	0.92	1.00	
Lanes:	1.00	3.00	1.00		1.00	3.00	1.00	
Final Sat.:	1750	5700	1750		1750	5700	1750	
Capacity Analysis Module:								
Vol/Sat:	0.06	0.08	0.06		0.03	0.11	0.08	
Crit Moves:		****				****		
Green Time:	18.2	30.4	30.4		21.3	33.4	33.4	
Volume/Cap:	0.26	0.19	0.19		0.14	0.31	0.22	
Delay/Veh:	33.5	24.0	23.5		29.7	22.5	21.8	
User DelAdj:	1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	33.5	24.0	23.5		29.7	22.5	21.8	
LOS by Move:	C-	C	C		C	C+	C+	
HCM2k95thQ:	5	6	5		3	9	6	

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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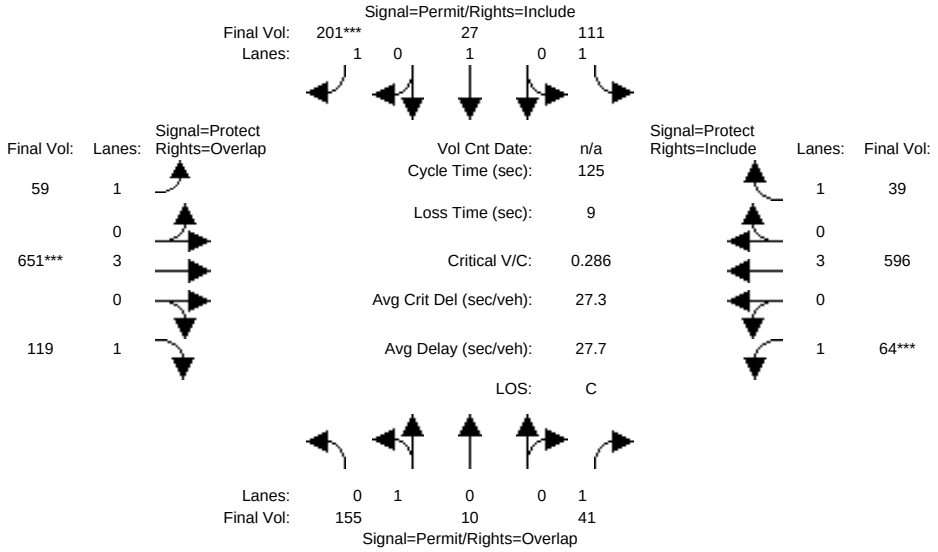
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	155	10	41	111	27	201	59	651	119	64	596	39
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	155	10	41	111	27	201	59	651	119	64	596	39
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	10	41	111	27	201	59	651	119	64	596	39
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	155	10	41	111	27	201	59	651	119	64	596	39
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	10	41	111	27	201	59	651	119	64	596	39
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	155	10	41	111	27	201	59	651	119	64	596	39
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.94	0.06	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1691	109	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.02	0.06	0.01	0.11	0.03	0.11	0.07	0.04	0.10	0.02
Crit Moves:					****		****		****			
Green Time:	50.2	50.2	66.1	50.2	50.2	50.2	23.0	49.9	49.9	16.0	42.9	42.9
Volume/Cap:	0.23	0.23	0.04	0.16	0.04	0.29	0.18	0.29	0.17	0.29	0.30	0.06
Delay/Veh:	24.8	24.8	14.2	24.0	22.7	25.5	43.4	25.6	24.3	50.1	30.2	27.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.8	24.8	14.2	24.0	22.7	25.5	43.4	25.6	24.3	50.1	30.2	27.6
LOS by Move:	C	C	B	C	C+	C	D	C	C	D	C	C
HCM2k95thQ:	8	8	2	6	1	11	4	10	6	5	11	2

Note: Queue reported is the number of cars per lane.

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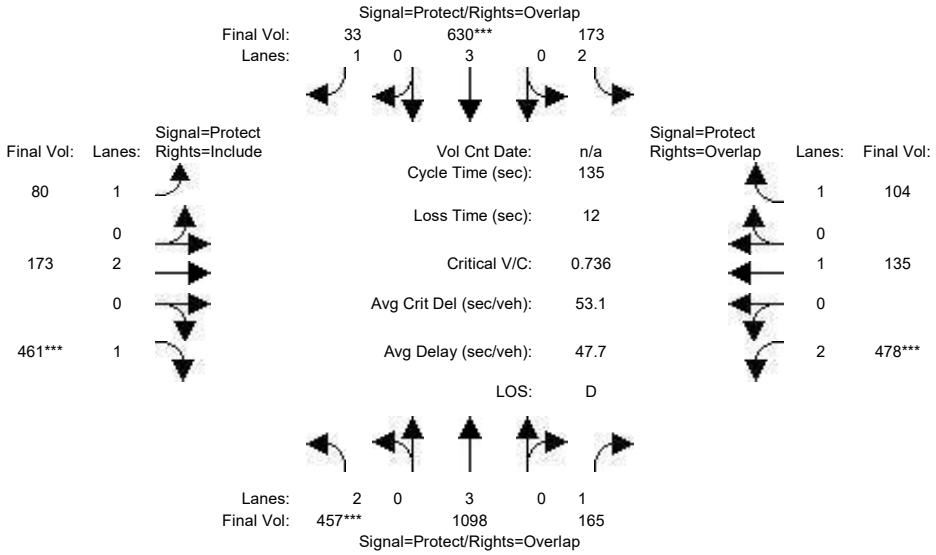
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	457	1098	165	173	630	33	80	173	461	478	135	104
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	457	1098	165	173	630	33	80	173	461	478	135	104
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	457	1098	165	173	630	33	80	173	461	478	135	104
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	457	1098	165	173	630	33	80	173	461	478	135	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	457	1098	165	173	630	33	80	173	461	478	135	104
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	457	1098	165	173	630	33	80	173	461	478	135	104
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.19	0.09	0.05	0.11	0.02	0.05	0.05	0.26	0.15	0.07	0.06
Crit Moves:	****				****				****	****		
Green Time:	26.6	36.5	64.3	10.4	20.3	51.6	31.3	48.3	48.3	27.8	44.8	55.2
Volume/Cap:	0.74	0.71	0.20	0.71	0.74	0.05	0.20	0.13	0.74	0.74	0.21	0.15
Delay/Veh:	55.5	46.1	20.6	70.4	58.2	26.3	41.9	29.2	42.4	54.6	32.6	25.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.5	46.1	20.6	70.4	58.2	26.3	41.9	29.2	42.4	54.6	32.6	25.2
LOS by Move:	E+	D	C+	E	E+	C	D	C	D	D-	C-	C
HCM2k95thQ:	20	24	8	11	18	2	6	5	32	22	8	6

Note: Queue reported is the number of cars per lane.

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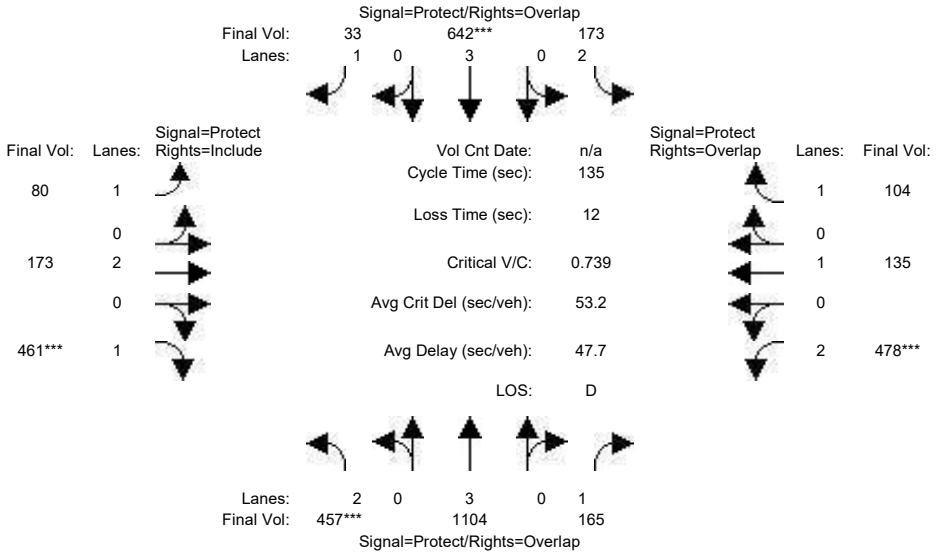
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	457	1098	165	173	630	33	80	173	461	478	135	104
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	457	1098	165	173	630	33	80	173	461	478	135	104
Added Vol:	0	6	0	0	12	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	457	1104	165	173	642	33	80	173	461	478	135	104
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	457	1104	165	173	642	33	80	173	461	478	135	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	457	1104	165	173	642	33	80	173	461	478	135	104
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	457	1104	165	173	642	33	80	173	461	478	135	104
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.19	0.09	0.05	0.11	0.02	0.05	0.05	0.26	0.15	0.07	0.06
Crit Moves:	****				****				****	****		
Green Time:	26.5	36.7	64.4	10.4	20.6	51.8	31.2	48.2	48.2	27.7	44.6	55.0
Volume/Cap:	0.74	0.71	0.20	0.71	0.74	0.05	0.20	0.13	0.74	0.74	0.21	0.15
Delay/Veh:	55.7	46.0	20.5	70.4	58.0	26.1	42.0	29.3	42.6	54.7	32.7	25.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.7	46.0	20.5	70.4	58.0	26.1	42.0	29.3	42.6	54.7	32.7	25.3
LOS by Move:	E+	D	C+	E	E+	C	D	C	D	D-	C-	C
HCM2k95thQ:	20	24	8	11	18	2	6	5	32	23	8	6

Note: Queue reported is the number of cars per lane.

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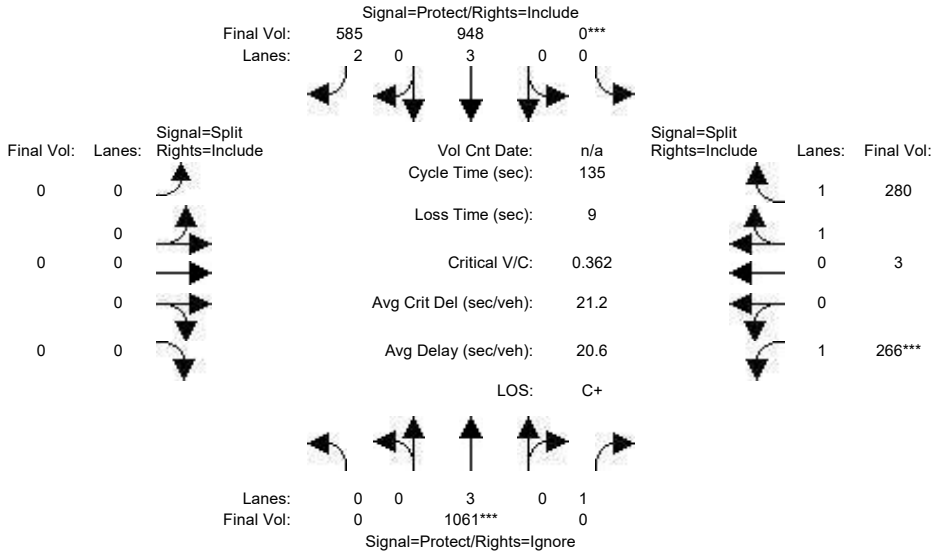
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp



Street Name:	Cottle Road				State Route 85 NB On/Off-Ramp							
Approach:	North Bound				South Bound				East Bound			
Movement:	L	T	R		L	T	R		L	T	R	
Min. Green:	0	10	10		0	10	10		0	0	0	
Y+R:	4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	
Volume Module:												
Base Vol:	0	1061	592		0	948	585		0	0	0	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	0	1061	592		0	948	585		0	0	0	
Added Vol:	0	0	0		0	0	0		0	0	0	
PasserByVol:	0	0	0		0	0	0		0	0	0	
Initial Fut:	0	1061	592		0	948	585		0	0	0	
User Adj:	1.00	1.00	0.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	0.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	0	1061	0		0	948	585		0	0	0	
Reduct Vol:	0	0	0		0	0	0		0	0	0	
Reduced Vol:	0	1061	0		0	948	585		0	0	0	
PCE Adj:	1.00	1.00	0.00		1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	0.00		1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	0	1061	0		0	948	585		0	0	0	
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900		1900	1900	1900		1900	1900	1900	
Adjustment:	0.92	1.00	0.92		0.92	1.00	0.83		0.92	1.00	0.92	
Lanes:	0.00	3.00	1.00		0.00	3.00	2.00		0.00	0.00	0.00	
Final Sat.:	0	5700	1750		0	5700	3150		0	0	0	
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00		0.00	0.17	0.19		0.00	0.00	0.00	
Crit Moves:		****				****						
Green Time:	0.0	69.4	0.0		0.0	69.4	69.4		0.0	0.0	0.0	
Volume/Cap:	0.00	0.36	0.00		0.00	0.32	0.36		0.00	0.00	0.00	
Delay/Veh:	0.0	19.7	0.0		0.0	19.2	19.7		0.0	0.0	0.0	
User DelAdj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	0.0	19.7	0.0		0.0	19.2	19.7		0.0	0.0	0.0	
LOS by Move:	A	B-	A		A	B-	B-		A	A	A	
HCM2k95thQ:	0	16	0		0	14	15		0	0	0	

West Bound												
L	-	T	-	R								
10		10		10								
4.0		4.0		4.0								
266		3		280								
1.00		1.00		1.00								
266		3		280								
0		0		0								
0		0		0								
266		3		280								
1.00		1.00		1.00								
1.00		1.00		1.00								
266		3		280								
0		0		0								
266		3		280								
1.00		1.00		1.00								
1.00		1.00		1.00								
266		3		280								
1900		1900		1900								
0.92		0.95		0.95								
1.00		0.02		1.98								
1750		38		3562								
0.15		0.08		0.08								
****												
56.6		56.6		56.6								
0.36		0.19		0.19								
27.1		24.7		24.7								
1.00		1.00		1.00								
27.1		24.7		24.7								
C		C		C								
15		7		7								

Note: Queue reported is the number of cars per lane.

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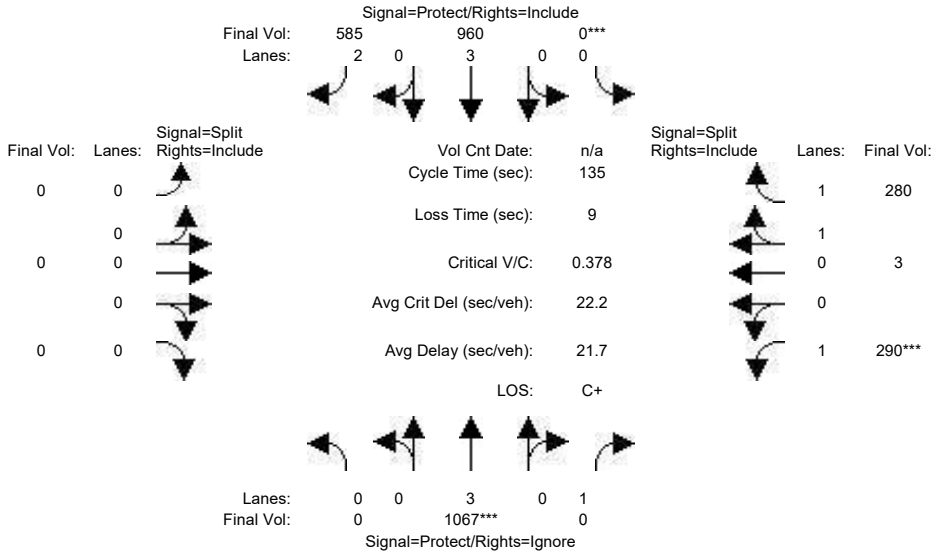
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp



Street Name:	Cottle Road						State Route 85 NB On/Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1061	592	0	948	585	0	0	0	266	3	280
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1061	592	0	948	585	0	0	0	266	3	280
Added Vol:	0	6	17	0	12	0	0	0	0	24	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1067	609	0	960	585	0	0	0	290	3	280
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1067	0	0	960	585	0	0	0	290	3	280
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1067	0	0	960	585	0	0	0	290	3	280
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1067	0	0	960	585	0	0	0	290	3	280
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.83	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.00	3.00	1.00	0.00	3.00	2.00	0.00	0.00	0.00	1.00	0.02	1.98
Final Sat.:	0	5700	1750	0	5700	3150	0	0	0	1750	38	3562
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00	0.00	0.17	0.19	0.00	0.00	0.00	0.17	0.08	0.08
Crit Moves:		****		****						****		
Green Time:	0.0	66.8	0.0	0.0	66.8	66.8	0.0	0.0	0.0	59.2	59.2	59.2
Volume/Cap:	0.00	0.38	0.00	0.00	0.34	0.38	0.00	0.00	0.00	0.38	0.18	0.18
Delay/Veh:	0.0	21.3	0.0	0.0	20.8	21.3	0.0	0.0	0.0	25.8	23.2	23.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	21.3	0.0	0.0	20.8	21.3	0.0	0.0	0.0	25.8	23.2	23.2
LOS by Move:	A	C+	A	A	C+	C+	A	A	A	C	C	C
HCM2k95thQ:	0	16	0	0	14	16	0	0	0	16	7	7

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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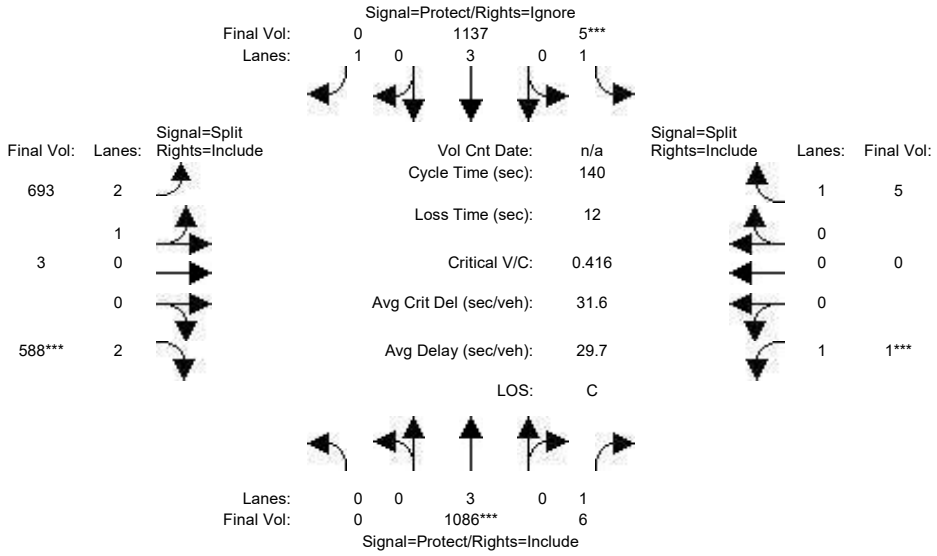
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road						State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1086	6	5	1137	52	693	3	588	1	0	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1086	6	5	1137	52	693	3	588	1	0	5
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1086	6	5	1137	52	693	3	588	1	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1086	6	5	1137	0	693	3	588	1	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1086	6	5	1137	0	693	3	588	1	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1086	6	5	1137	0	693	3	588	1	0	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4928	21	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00	0.00	0.20	0.00	0.14	0.14	0.19	0.00	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	0.0	56.1	56.1	7.0	63.1	0.0	54.9	54.9	54.9	10.0	0.0	10.0
Volume/Cap:	0.00	0.48	0.01	0.06	0.44	0.00	0.36	0.36	0.48	0.01	0.00	0.04
Delay/Veh:	0.0	31.2	25.3	63.6	26.5	0.0	30.2	30.2	32.1	60.4	0.0	60.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	31.2	25.3	63.6	26.5	0.0	30.2	30.2	32.1	60.4	0.0	60.7
LOS by Move:	A	C	C	E	C	A	C	C	C-	E	A	E
HCM2k95thQ:	0	21	0	0	20	0	15	15	20	0	0	0

Note: Queue reported is the number of cars per lane.

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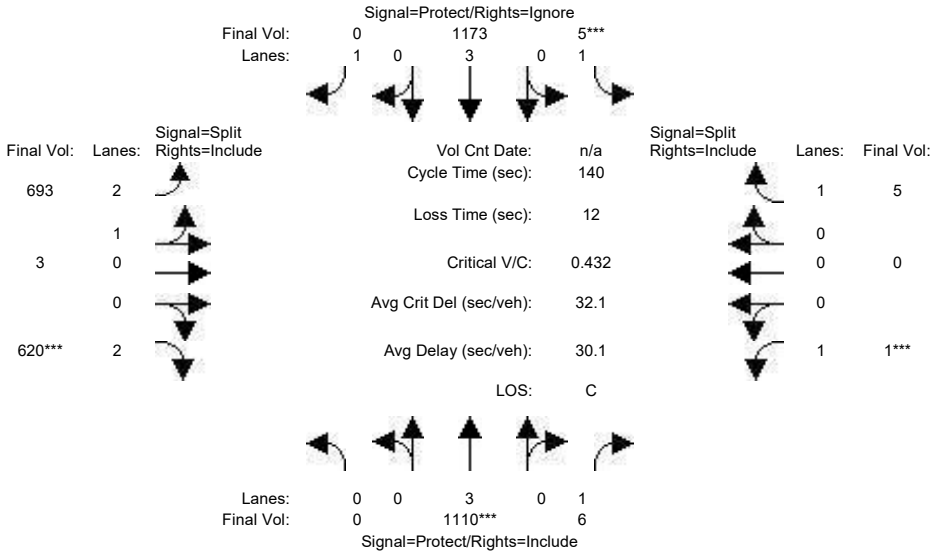
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road						State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1086	6	5	1137	52	693	3	588	1	0	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1086	6	5	1137	52	693	3	588	1	0	5
Added Vol:	0	24	0	0	36	0	0	0	32	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1110	6	5	1173	52	693	3	620	1	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1110	6	5	1173	0	693	3	620	1	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1110	6	5	1173	0	693	3	620	1	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1110	6	5	1173	0	693	3	620	1	0	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4928	21	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00	0.00	0.21	0.00	0.14	0.14	0.20	0.00	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	0.0	55.2	55.2	7.0	62.2	0.0	55.8	55.8	55.8	10.0	0.0	10.0
Volume/Cap:	0.00	0.49	0.01	0.06	0.46	0.00	0.35	0.35	0.49	0.01	0.00	0.04
Delay/Veh:	0.0	32.1	25.8	63.6	27.4	0.0	29.6	29.6	31.8	60.4	0.0	60.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	32.1	25.8	63.6	27.4	0.0	29.6	29.6	31.8	60.4	0.0	60.7
LOS by Move:	A	C-	C	E	C	A	C	C	C	E	A	E
HCM2k95thQ:	0	21	0	0	21	0	15	15	21	0	0	0

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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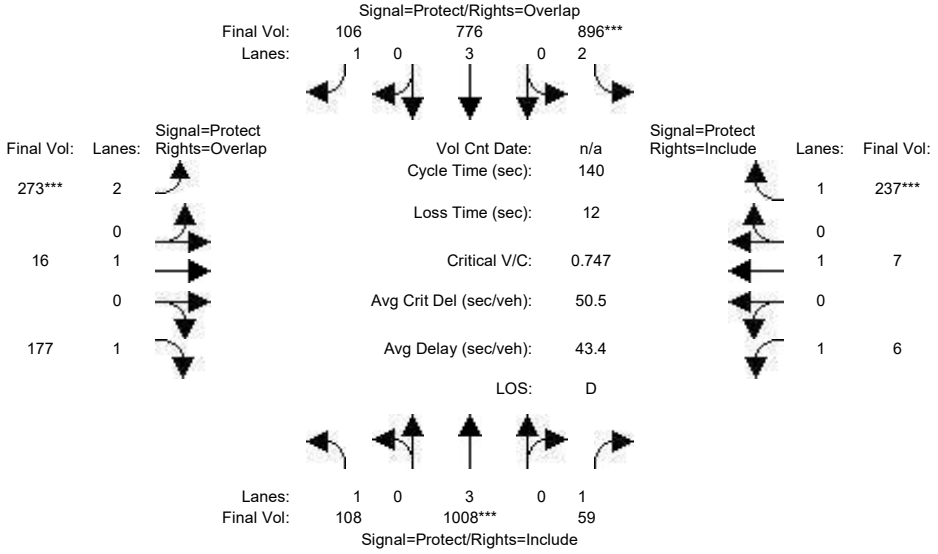
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	1008	59	896	776	106	273	16	177	6	7	237
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	1008	59	896	776	106	273	16	177	6	7	237
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	1008	59	896	776	106	273	16	177	6	7	237
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	1008	59	896	776	106	273	16	177	6	7	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	1008	59	896	776	106	273	16	177	6	7	237
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	1008	59	896	776	106	273	16	177	6	7	237
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.18	0.03	0.28	0.14	0.06	0.09	0.01	0.10	0.00	0.00	0.14
Crit Moves:		****		****			****					****
Green Time:	26.9	33.1	33.1	53.3	59.5	75.7	16.2	24.5	51.4	17.1	25.4	25.4
Volume/Cap:	0.32	0.75	0.14	0.75	0.32	0.11	0.75	0.05	0.28	0.03	0.02	0.75
Delay/Veh:	49.2	51.9	42.4	40.2	26.9	15.8	68.1	48.1	31.4	54.2	47.1	63.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.2	51.9	42.4	40.2	26.9	15.8	68.1	48.1	31.4	54.2	47.1	63.7
LOS by Move:	D	D-	D	D	C	B	E	D	C	D-	D	E
HCM2k95thQ:	8	23	4	35	14	5	16	1	11	1	1	22

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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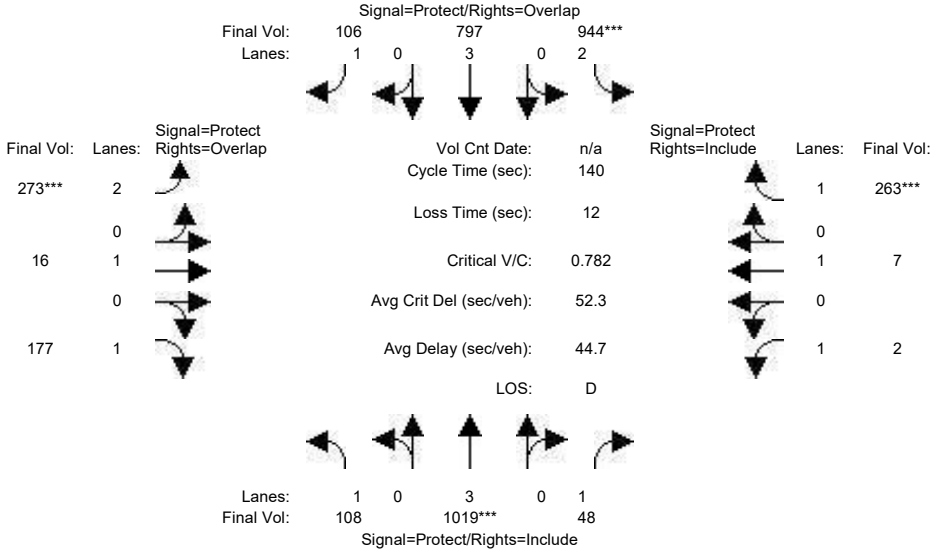
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	1008	59	896	776	106	273	16	177	6	7	237
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	1008	59	896	776	106	273	16	177	6	7	237
Added Vol:	0	11	-11	48	21	0	0	0	0	-4	0	26
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	1019	48	944	797	106	273	16	177	2	7	263
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	1019	48	944	797	106	273	16	177	2	7	263
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	1019	48	944	797	106	273	16	177	2	7	263
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	1019	48	944	797	106	273	16	177	2	7	263
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.18	0.03	0.30	0.14	0.06	0.09	0.01	0.10	0.00	0.00	0.15
Crit Moves:		****		****			****					****
Green Time:	26.2	32.0	32.0	53.6	59.4	74.9	15.5	24.9	51.2	17.5	26.9	26.9
Volume/Cap:	0.33	0.78	0.12	0.78	0.33	0.11	0.78	0.05	0.28	0.01	0.02	0.78
Delay/Veh:	49.9	53.9	43.0	41.5	27.1	16.2	71.5	47.7	31.6	53.7	45.9	65.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.9	53.9	43.0	41.5	27.1	16.2	71.5	47.7	31.6	53.7	45.9	65.1
LOS by Move:	D	D-	D	D	C	B	E	D	C	D-	D	E
HCM2k95thQ:	8	24	3	38	14	5	16	1	11	0	1	24

Note: Queue reported is the number of cars per lane.

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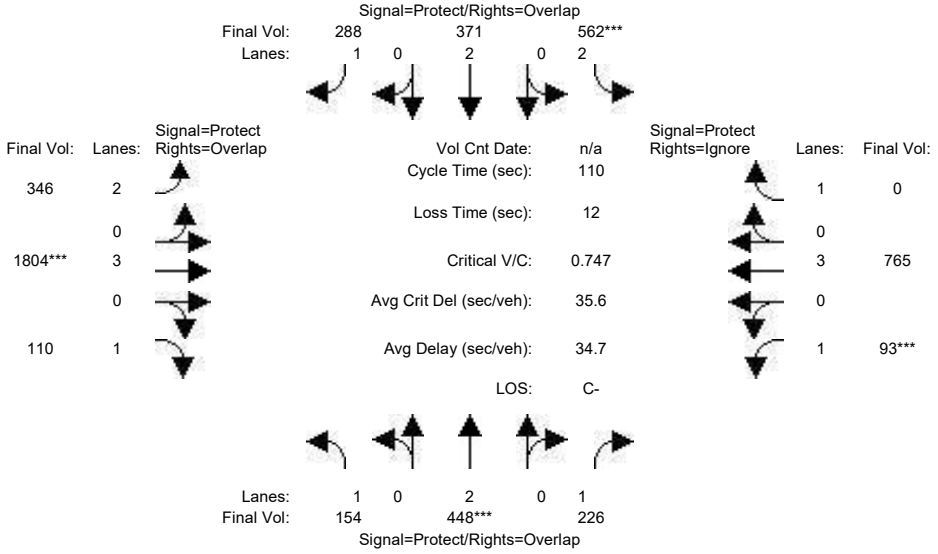
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	154	448	226	562	371	288	346	1804	110	93	765	389
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	154	448	226	562	371	288	346	1804	110	93	765	389
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	154	448	226	562	371	288	346	1804	110	93	765	389
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	154	448	226	562	371	288	346	1804	110	93	765	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	448	226	562	371	288	346	1804	110	93	765	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	154	448	226	562	371	288	346	1804	110	93	765	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.12	0.13	0.18	0.10	0.16	0.11	0.32	0.06	0.05	0.13	0.00
Crit Moves:		****		****				****		****		
Green Time:	20.7	17.3	25.2	26.3	22.9	47.4	24.5	46.6	67.2	7.8	29.9	0.0
Volume/Cap:	0.47	0.75	0.56	0.75	0.47	0.38	0.49	0.75	0.10	0.75	0.49	0.00
Delay/Veh:	40.8	49.4	39.4	42.9	38.6	21.6	37.9	28.1	8.9	71.9	33.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.8	49.4	39.4	42.9	38.6	21.6	37.9	28.1	8.9	71.9	33.9	0.0
LOS by Move:	D	D	D	D	D+	C+	D+	C	A	E	C-	A
HCM2k95thQ:	10	17	15	20	10	13	12	31	3	7	13	0

Note: Queue reported is the number of cars per lane.

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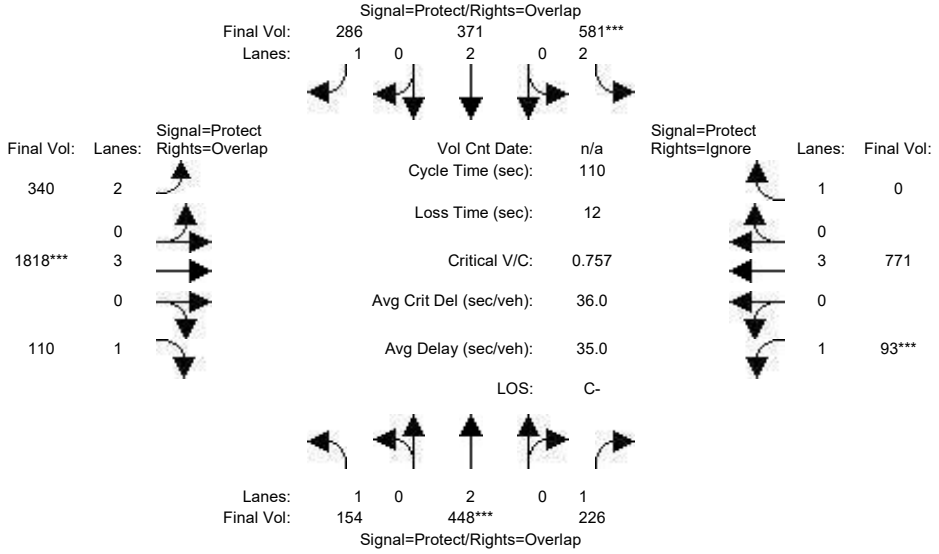
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	154	448	226	562	371	288	346	1804	110	93	765	389
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	154	448	226	562	371	288	346	1804	110	93	765	389
Added Vol:	0	0	0	19	0	-2	-6	14	0	0	6	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	154	448	226	581	371	286	340	1818	110	93	771	395
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	154	448	226	581	371	286	340	1818	110	93	771	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	448	226	581	371	286	340	1818	110	93	771	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	154	448	226	581	371	286	340	1818	110	93	771	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.12	0.13	0.18	0.10	0.16	0.11	0.32	0.06	0.05	0.14	0.00
Crit Moves:		****		****				****		****		
Green Time:	20.8	17.1	24.9	26.8	23.1	47.1	24.0	46.3	67.2	7.7	30.1	0.0
Volume/Cap:	0.46	0.76	0.57	0.76	0.46	0.38	0.49	0.76	0.10	0.76	0.49	0.00
Delay/Veh:	40.7	50.0	39.9	42.9	38.5	21.8	38.3	28.5	8.9	73.5	33.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.7	50.0	39.9	42.9	38.5	21.8	38.3	28.5	8.9	73.5	33.8	0.0
LOS by Move:	D	D	D	D	D+	C+	D+	C	A	E	C-	A
HCM2k95thQ:	10	17	15	21	10	13	12	32	3	7	13	0

Note: Queue reported is the number of cars per lane.

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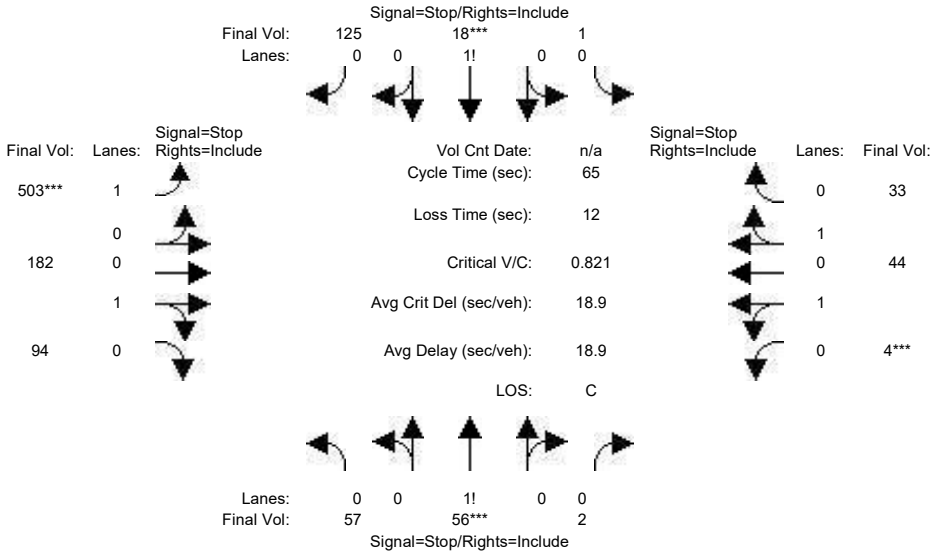
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background AM

Intersection #6: International Circle/Hospital Parkway




```
Street Name:       International Circle              Hospital Parkway
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:    10   10   10    10   10   10     7   10   10     7   10   10
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      57   56    2     1   18  125   503  182   94     4   44   33
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   57   56    2     1   18  125   503  182   94     4   44   33
Added Vol:      0    0    0     0    0    0     0    0    0     0    0    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   57   56    2     1   18  125   503  182   94     4   44   33
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    57   56    2     1   18  125   503  182   94     4   44   33
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   57   56    2     1   18  125   503  182   94     4   44   33
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   57   56    2     1   18  125   503  182   94     4   44   33
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       0.49 0.49 0.02  0.01 0.12 0.87  1.00 0.66 0.34  0.10 1.09 0.81
Final Sat.:   280  275   10     4   78  545   612  462  238    54  605  492
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.20 0.20 0.20  0.23 0.23 0.23  0.82 0.39 0.39  0.07 0.07 0.07
Crit Moves:       ****             ****           ****             ****
Delay/Veh:   10.5 10.5 10.5   9.9  9.9  9.9  29.3 11.1 11.1   9.4  9.3  8.7
Delay Adj:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:  10.5 10.5 10.5   9.9  9.9  9.9  29.3 11.1 11.1   9.4  9.3  8.7
LOS by Move:    B    B    B     A    A    A     D    B    B     A    A    A
ApproachDel:       10.5             9.9            22.9             9.0
Delay Adj:         1.00             1.00           1.00             1.00
ApprAdjDel:        10.5             9.9            22.9             9.0
LOS by Appr:          B               A              C                A
AllWayAvgQ:   0.2  0.2  0.2   0.3  0.3  0.3   3.5  0.6  0.6   0.1  0.1  0.1
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:            1%              1%              1%              1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:          2               2               5               5
P[C1]:           0.08            0.08            0.55            0.07
P[C2]:           0.02            0.02            0.08            0.56
P[C3]:           0.62            0.64            0.28            0.04
P[C4]:           0.26            0.24            0.08            0.29
P[C5]:           0.02            0.02            0.01            0.04
Padj[C1]:        0.021           0.021           0.009           0.017
Padj[C2]:        0.012           0.012           0.004           0.002
Padj[C3]:       -0.015          -0.016          -0.008           0.003
Padj[C4]:       -0.015          -0.014          -0.005          -0.017
Padj[C5]:       -0.002          -0.002          -0.001          -0.004
-----------|---------------|---------------|---------------|---------------|
Lanes:          L1      L2      L1      L2      L1      L2      L1      L2
LaneType:      LTR    NOLANE    LTR    NOLANE   LEFT   RTTHRU  LTTHRU  RTTHRU
-----------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.106  xx.xxx  -0.502  xx.xxx    0.517  -0.221   0.066  -0.553
Volume:        115  xxxxxx     144  xxxxxx     503     276      41      41
Capacity:      564   xxxxx     628   xxxxx     612     700     547     604
DegOfUtil:    0.19    x.xx    0.22    x.xx    0.82    0.39    0.07    0.06
DepHeadway:   6.06   xx.xx    5.43   xx.xx    5.84    5.11    6.22    5.60
ServiceTime:  4.1    xx.x     3.4    xx.x     3.5     2.8     3.9     3.3
Delay:       10.5   xxx.x     9.9   xxx.x    29.3    11.1     9.4     8.7
Queue:        0.2   xxx.x     0.3   xxx.x     3.5     0.6     0.1     0.1
-----------|---------------|---------------|---------------|---------------|
Approach:      North Bound      South Bound      East Bound       West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:       10.5             9.9            22.9             9.0
Delay Adj:         1.00             1.00           1.00             1.00
ApprAdjDel:        10.5             9.9            22.9             9.0
LOS by Appr:          B               A              C                A
OverallDel:                              18.9
OverallLOS:                               C
          Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #6 International Circle/Hospital Parkway

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	- T	- R	L	- T	- R	L	- T	- R	L	- T	- R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0	0 1!	0 0	0	0 1!	0 0	1	0 0	1 0	0	1 0	1 0
Initial Vol:	57	56	2	1	18	125	503	182	94	4	44	33

Major Street Volume: 860
Minor Approach Volume: 144
Minor Approach Volume Threshold: 337

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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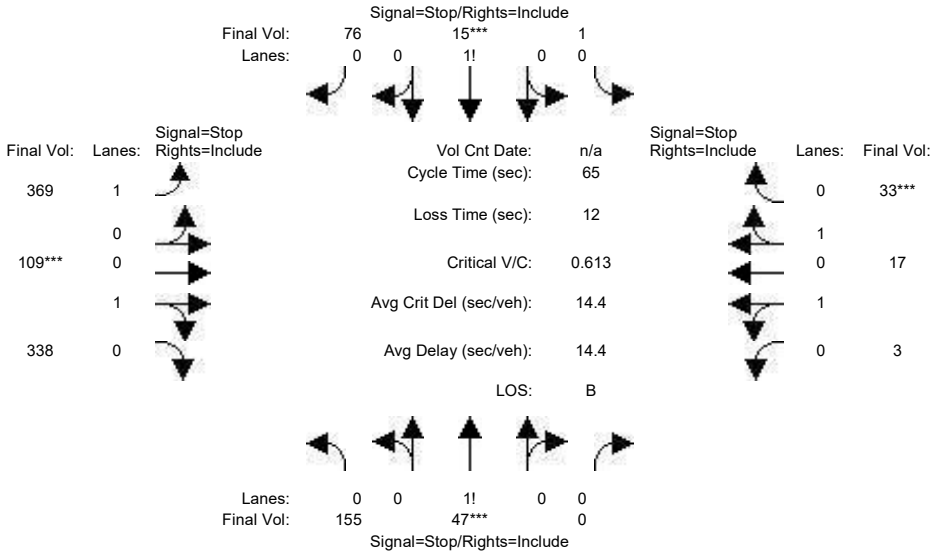
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background Plus Project AM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	57	56	2	1	18	125	503	182	94	4	44	33
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	56	2	1	18	125	503	182	94	4	44	33
Added Vol:	98	-9	-2	0	-3	-49	-134	-73	244	-1	-27	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	47	0	1	15	76	369	109	338	3	17	33
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	155	47	0	1	15	76	369	109	338	3	17	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	47	0	1	15	76	369	109	338	3	17	33
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	155	47	0	1	15	76	369	109	338	3	17	33
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.77	0.23	0.00	0.01	0.16	0.83	1.00	0.24	0.76	0.11	0.89	1.00
Final Sat.:	451	137	0	7	101	513	603	178	551	60	472	599
Capacity Analysis Module:												
Vol/Sat:	0.34	0.34	xxxx	0.15	0.15	0.15	0.61	0.61	0.61	0.05	0.04	0.06
Crit Moves:		****			****			****				****
Delay/Veh:	11.8	11.8	0.0	9.4	9.4	9.4	17.3	14.9	14.9	9.3	9.3	8.6
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	11.8	11.8	0.0	9.4	9.4	9.4	17.3	14.9	14.9	9.3	9.3	8.6
LOS by Move:	B	B	*	A	A	A	C	B	B	A	A	A
ApproachDel:		11.8			9.4			16.0			8.9	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		11.8			9.4			16.0			8.9	
LOS by Appr:		B			A			C			A	
AllWayAvgQ:	0.5	0.5	0.5	0.2	0.2	0.2	1.5	1.5	1.5	0.0	0.1	0.1

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour				
HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.12	0.09	0.53	0.09
P[C2]:	0.02	0.05	0.05	0.49
P[C3]:	0.68	0.53	0.35	0.06
P[C4]:	0.17	0.31	0.07	0.33
P[C5]:	0.01	0.02	0.00	0.04
Padj[C1]:	0.019	0.021	0.010	0.017
Padj[C2]:	0.010	0.012	0.005	0.003
Padj[C3]:	-0.018	-0.012	-0.010	0.002
Padj[C4]:	-0.010	-0.018	-0.004	-0.019
Padj[C5]:	-0.001	-0.002	-0.000	-0.004

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.170	xx.xxx	-0.476	xx.xxx	0.517	-0.512	0.074	-0.683
Volume:	202	xxxxxx	92	xxxxxx	369	447	20	33
Capacity:	588	xxxxx	621	xxxxx	603	729	533	599
DegOfUtil:	0.33	x.xx	0.14	x.xx	0.61	0.61	0.04	0.05
DepHeadway:	5.90	xx.xx	5.47	xx.xx	5.92	4.89	6.35	5.60
ServiceTime:	3.9	xx.x	3.5	xx.x	3.6	2.6	4.1	3.3
Delay:	11.8	xxx.x	9.4	xxx.x	17.3	14.9	9.3	8.6
Queue:	0.5	xxx.x	0.2	xxx.x	1.5	1.5	0.0	0.1

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	11.8	9.4	16.0	8.9
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	11.8	9.4	16.0	8.9
LOS by Appr:	B	A	C	A

OverallDel: 14.4
OverallLOS: B

Peak Hour Volume Signal Warrant Report [Urban]

****

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Intersection #6 International Circle/Hospital Parkway

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0 1	0	0 0	0 0	1! 0	0	1 0	0 1	0	0 1	0 1	0
Initial Vol:	155	47	0	1	15	76	369	109	338	3	17	33

Major Street Volume: 869
Minor Approach Volume: 202
Minor Approach Volume Threshold: 333

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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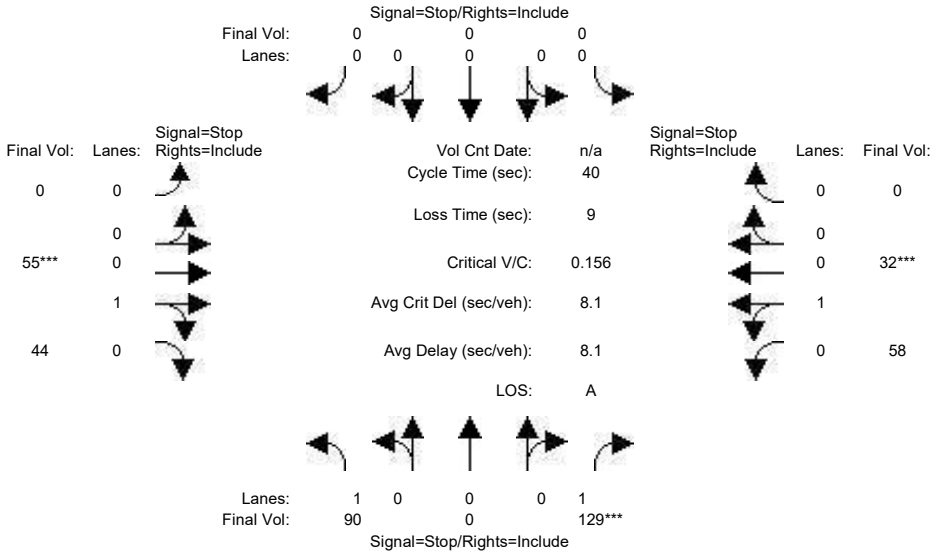
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background AM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:         Camino Verde Drive              International Circle
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:    10    0    10     0    0    0     0   10   10     10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      90    0   129     0    0    0     0   55   44     58   32    0
Growth Adj:  1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   90    0   129     0    0    0     0   55   44     58   32    0
Added Vol:      0    0     0     0    0    0     0    0    0      0    0    0
PasserByVol:    0    0     0     0    0    0     0    0    0      0    0    0
Initial Fut:   90    0   129     0    0    0     0   55   44     58   32    0
User Adj:    1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    90    0   129     0    0    0     0   55   44     58   32    0
Reduct Vol:     0    0     0     0    0    0     0    0    0      0    0    0
Reduced Vol:   90    0   129     0    0    0     0   55   44     58   32    0
PCE Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   90    0   129     0    0    0     0   55   44     58   32    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       1.00 0.00  1.00  0.00 0.00 0.00  0.00 0.56 0.44  0.64 0.36 0.00
Final Sat.:   648    0   826     0    0    0     0  453  363    483  266    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.14 xxxx  0.16  xxxx xxxx  xxxx  xxxx 0.12  0.12  0.12 0.12  xxxx
Crit Moves:             ****                          ****             ****
Delay/Veh:    9.0  0.0   7.7   0.0  0.0   0.0   0.0  7.8   7.8   8.2  8.2   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   9.0  0.0   7.7   0.0  0.0   0.0   0.0  7.8   7.8   8.2  8.2   0.0
LOS by Move:    A    *     A     *    *     *     *    A     A     A    A     *
ApproachDel:       8.2            xxxxxx              7.8              8.2
Delay Adj:        1.00             xxxxx             1.00             1.00
ApprAdjDel:        8.2            xxxxxx              7.8              8.2
LOS by Appr:         A                 *                 A                A
AllWayAvgQ:   0.2  0.0   0.2   0.0  0.0   0.0   0.1  0.1   0.1   0.1  0.1   0.1
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:             1%               1%               1%               1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:          5                X                2                2
P[C1]:         0.7809           x.xxxx           0.6485           0.6479
P[C2]:         0.0000           x.xxxx           0.0851           0.0856
P[C3]:         0.2056           x.xxxx           0.2356           0.2354
P[C4]:         0.0135           x.xxxx           0.0309           0.0311
P[C5]:         0.0000           x.xxxx           0.0000           0.0000
Padj[C1]:      0.00452         xx.xxxxx          0.00649          0.00650
Padj[C2]:      0.00233         xx.xxxxx          0.00212          0.00212
Padj[C3]:     -0.00603         xx.xxxxx         -0.00676         -0.00675
Padj[C4]:     -0.00081         xx.xxxxx         -0.00185         -0.00187
Padj[C5]:     -0.00000         xx.xxxxx         -0.00000         -0.00000
-----------|---------------|---------------|---------------|---------------|
Lanes:          L1      L2       L1      L2       L1      L2       L1      L2
LaneType:     LEFT    RITE    NOLANE  NOLANE    LTR    NOLANE    LTR    NOLANE
-----------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx   -0.250  xx.xxx    0.146  xx.xxx
Volume:         90     129   xxxxxx  xxxxxx       99  xxxxxx       90  xxxxxx
Capacity:      648     826    xxxxx   xxxxx      816   xxxxx      749   xxxxx
DegOfUtil:    0.14    0.15     x.xx    x.xx     0.12    x.xx     0.12    x.xx
DepHeadway:   5.42    4.23    xx.xx   xx.xx     4.24   xx.xx     4.64   xx.xx
ServiceTime:   3.1     1.9     xx.x    xx.x      2.2    xx.x      2.6    xx.x
Delay:         9.0     7.7    xxx.x   xxx.x      7.8   xxx.x      8.2   xxx.x
Queue:         0.2     0.2    xxx.x   xxx.x      0.1   xxx.x      0.1   xxx.x
-----------|---------------|---------------|---------------|---------------|
Approach:      North Bound      South Bound      East Bound       West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:       8.2              xxx.x              7.8              8.2
Delay Adj:        1.00               x.xx             1.00             1.00
ApprAdjDel:        8.2              xxx.x              7.8              8.2
LOS by Appr:         A                  *                A                A
OverallDel:                                 8.1
OverallLOS:                                   A
            Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #7 Camino Verde Drive/International Circle

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1	0	0	0	0	0	0	1	0	0	1	0
Initial Vol:	90	0	129	0	0	0	0	55	44	58	32	0

Major Street Volume: 219
Minor Approach Volume: 99
Minor Approach Volume Threshold: 808

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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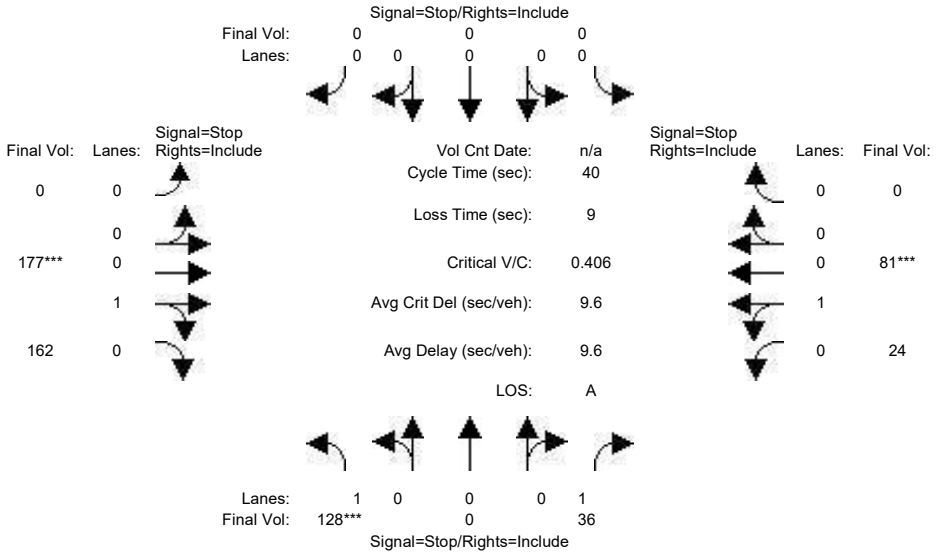
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background Plus Project AM

Intersection #7: Camino Verde Drive/International Circle



Street Name:	Camino Verde Drive						International Circle					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	0	0	0	0	10	10	10	10	0
Volume Module:												
Base Vol:	90	0	129	0	0	0	0	55	44	58	32	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	90	0	129	0	0	0	0	55	44	58	32	0
Added Vol:	38	0	-93	0	0	0	0	122	118	-34	49	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	128	0	36	0	0	0	0	177	162	24	81	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	128	0	36	0	0	0	0	177	162	24	81	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	128	0	36	0	0	0	0	177	162	24	81	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	128	0	36	0	0	0	0	177	162	24	81	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.52	0.48	0.23	0.77	0.00
Final Sat.:	578	0	714	0	0	0	0	436	399	166	561	0
Capacity Analysis Module:												
Vol/Sat:	0.22	xxxx	0.05	xxxx	xxxx	xxxx	xxxx	0.41	0.41	0.14	0.14	xxxx
Crit Moves:	****							****			****	
Delay/Veh:	10.2	0.0	7.7	0.0	0.0	0.0	0.0	9.9	9.9	8.5	8.5	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	10.2	0.0	7.7	0.0	0.0	0.0	0.0	9.9	9.9	8.5	8.5	0.0
LOS by Move:	B	*	A	*	*	*	*	A	A	A	A	*
ApproachDel:	9.7			xxxxxx			9.9			8.5		
Delay Adj:	1.00			xxxxx			1.00			1.00		
ApprAdjDel:	9.7			xxxxxx			9.9			8.5		
LOS by Appr:	A			*			A			A		
AllWayAvgQ:	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.2	0.2	0.2

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour				
HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	5	X	2	2
P[C1]:	0.5201	x.xxxx	0.6474	0.4540
P[C2]:	0.0000	x.xxxx	0.1044	0.2977
P[C3]:	0.4249	x.xxxx	0.2138	0.1499
P[C4]:	0.0550	x.xxxx	0.0345	0.0983
P[C5]:	0.0000	x.xxxx	0.0000	0.0000
Padj[C1]:	0.01015	xx.xxxxx	0.00635	0.00892
Padj[C2]:	0.00535	xx.xxxxx	0.00178	0.00049
Padj[C3]:	-0.01220	xx.xxxxx	-0.00607	-0.00351
Padj[C4]:	-0.00330	xx.xxxxx	-0.00207	-0.00590
Padj[C5]:	-0.00000	xx.xxxxx	-0.00000	-0.00000

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LEFT	RITE	NOLANE	NOLANE	LTR	NOLANE	LTR	NOLANE
HeadwayAdj:	0.517	-0.683	xx.xxx	xx.xxx	-0.270	xx.xxx	0.063	xx.xxx
Volume:	128	36	xxxxxx	xxxxxx	339	xxxxxx	105	xxxxxx
Capacity:	578	714	xxxxx	xxxxx	836	xxxxx	727	xxxxx
DegOfUtil:	0.21	0.05	x.xx	x.xx	0.40	x.xx	0.14	x.xx
DepHeadway:	5.93	4.74	xx.xx	xx.xx	4.21	xx.xx	4.77	xx.xx
ServiceTime:	3.6	2.4	xx.x	xx.x	2.2	xx.x	2.8	xx.x
Delay:	10.2	7.7	xxx.x	xxx.x	9.9	xxx.x	8.5	xxx.x
Queue:	0.3	0.0	xxx.x	xxx.x	0.6	xxx.x	0.2	xxx.x

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	9.7	xxx.x	9.9	8.5
Delay Adj:	1.00	x.xx	1.00	1.00
ApprAdjDel:	9.7	xxx.x	9.9	8.5
LOS by Appr:	A	*	A	A

OverallDel: 9.6
OverallLOS: A

Peak Hour Volume Signal Warrant Report [Urban]

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Intersection #7 Camino Verde Drive/International Circle
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign        Stop Sign        Stop Sign
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  0  1  0    0  1  0  0  0
Initial Vol:  128    0    36     0    0     0     0  177   162    24   81     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             444
Minor Approach Volume:           164
Minor Approach Volume Threshold: 548
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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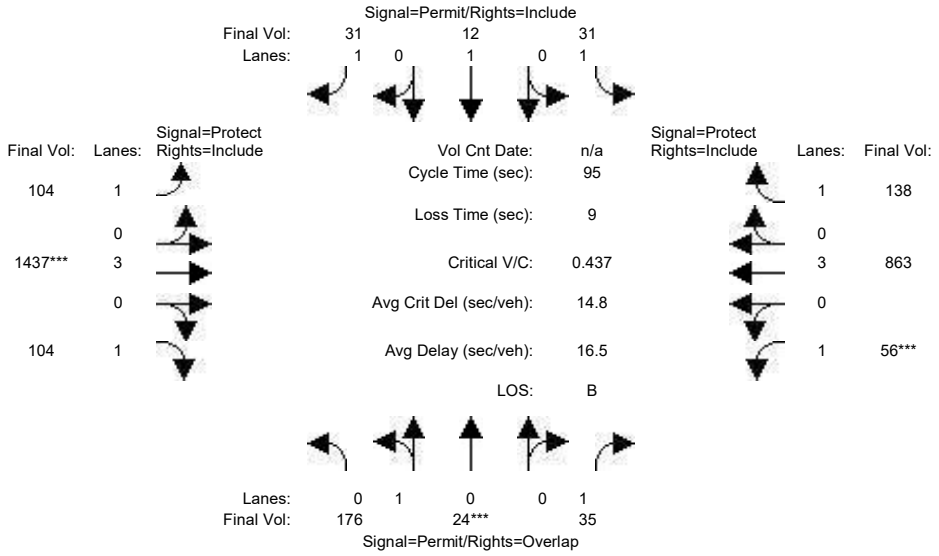
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	24	35	31	12	31	104	1437	104	56	863	138
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	24	35	31	12	31	104	1437	104	56	863	138
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	24	35	31	12	31	104	1437	104	56	863	138
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	24	35	31	12	31	104	1437	104	56	863	138
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	24	35	31	12	31	104	1437	104	56	863	138
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	24	35	31	12	31	104	1437	104	56	863	138
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.88	0.12	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1584	216	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.02	0.02	0.01	0.02	0.06	0.25	0.06	0.03	0.15	0.08
Crit Moves:		****						****			****	
Green Time:	24.2	24.2	31.2	24.2	24.2	24.2	20.2	54.8	54.8	7.0	41.6	41.6
Volume/Cap:	0.44	0.44	0.06	0.07	0.02	0.07	0.28	0.44	0.10	0.43	0.35	0.18
Delay/Veh:	30.4	30.4	21.9	26.9	26.6	26.9	31.7	11.4	9.1	44.4	17.8	16.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.4	30.4	21.9	26.9	26.6	26.9	31.7	11.4	9.1	44.4	17.8	16.4
LOS by Move:	C	C	C+	C	C	C	C	B+	A	D	B	B
HCM2k95thQ:	11	11	2	2	1	2	5	14	3	5	11	5

Note: Queue reported is the number of cars per lane.

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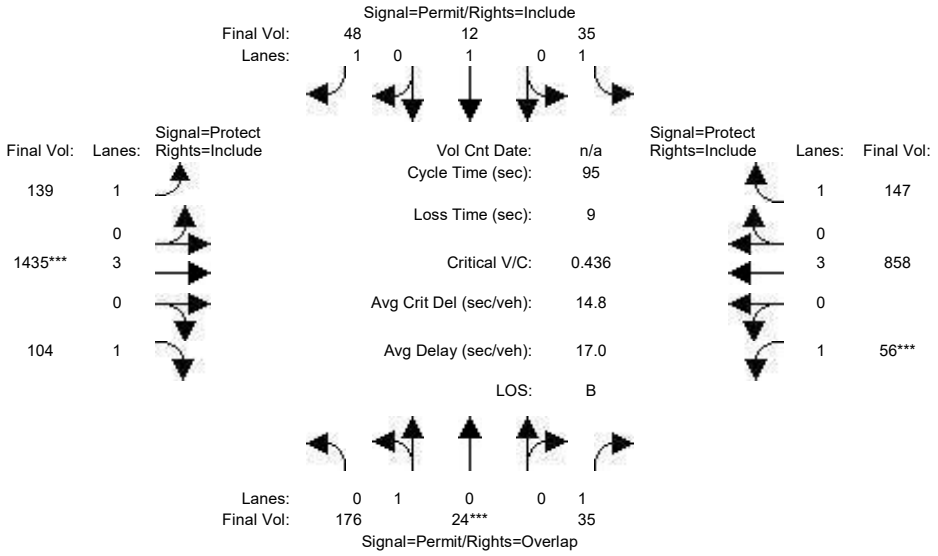
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	24	35	31	12	31	104	1437	104	56	863	138
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	24	35	31	12	31	104	1437	104	56	863	138
Added Vol:	0	0	0	4	0	17	35	-2	0	0	-5	9
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	24	35	35	12	48	139	1435	104	56	858	147
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	24	35	35	12	48	139	1435	104	56	858	147
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	24	35	35	12	48	139	1435	104	56	858	147
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	24	35	35	12	48	139	1435	104	56	858	147
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.88	0.12	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1584	216	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.02	0.02	0.01	0.03	0.08	0.25	0.06	0.03	0.15	0.08
Crit Moves:		****						****			****	
Green Time:	24.2	24.2	31.2	24.2	24.2	24.2	21.3	54.8	54.8	7.0	40.5	40.5
Volume/Cap:	0.44	0.44	0.06	0.08	0.02	0.11	0.35	0.44	0.10	0.43	0.35	0.20
Delay/Veh:	30.4	30.4	21.9	27.0	26.6	27.2	31.6	11.5	9.1	44.4	18.5	17.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.4	30.4	21.9	27.0	26.6	27.2	31.6	11.5	9.1	44.4	18.5	17.2
LOS by Move:	C	C	C+	C	C	C	C	B+	A	D	B-	B
HCM2k95thQ:	11	11	2	2	1	2	7	14	3	5	11	6

Note: Queue reported is the number of cars per lane.

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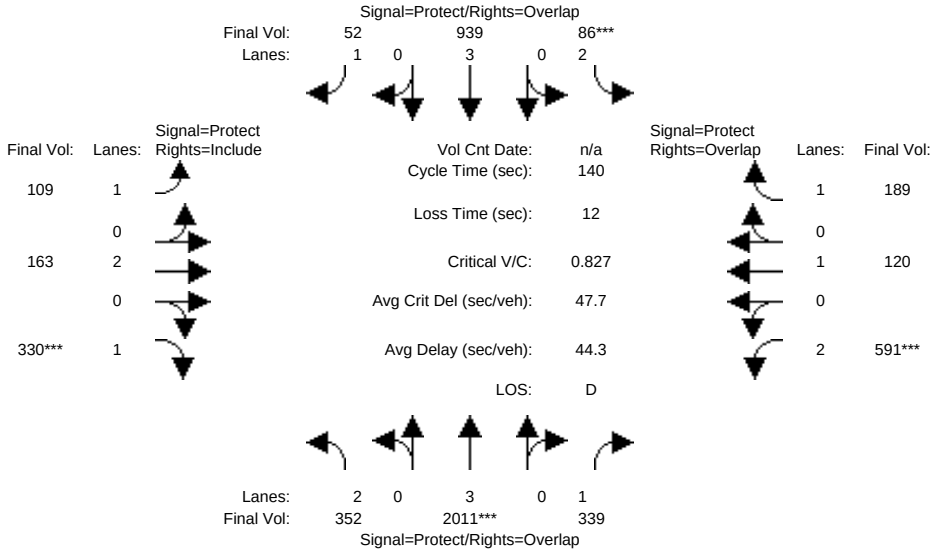
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	352	2011	339	86	939	52	109	163	330	591	120	189
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	352	2011	339	86	939	52	109	163	330	591	120	189
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	352	2011	339	86	939	52	109	163	330	591	120	189
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	352	2011	339	86	939	52	109	163	330	591	120	189
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	352	2011	339	86	939	52	109	163	330	591	120	189
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	352	2011	339	86	939	52	109	163	330	591	120	189
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.35	0.19	0.03	0.16	0.03	0.06	0.04	0.19	0.19	0.06	0.11
Crit Moves:		****			****				****	****		
Green Time:	26.5	58.6	89.7	7.0	39.1	66.3	27.2	31.3	31.3	31.1	35.2	42.2
Volume/Cap:	0.59	0.84	0.30	0.55	0.59	0.06	0.32	0.19	0.84	0.84	0.25	0.36
Delay/Veh:	53.4	39.5	11.4	68.9	44.2	20.0	49.0	44.2	67.3	61.3	42.1	38.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.4	39.5	11.4	68.9	44.2	20.0	49.0	44.2	67.3	61.3	42.1	38.7
LOS by Move:	D-	D	B+	E	D	C+	D	D	E	E	D	D+
HCM2k95thQ:	15	43	13	6	22	3	9	6	30	29	8	13

Note: Queue reported is the number of cars per lane.

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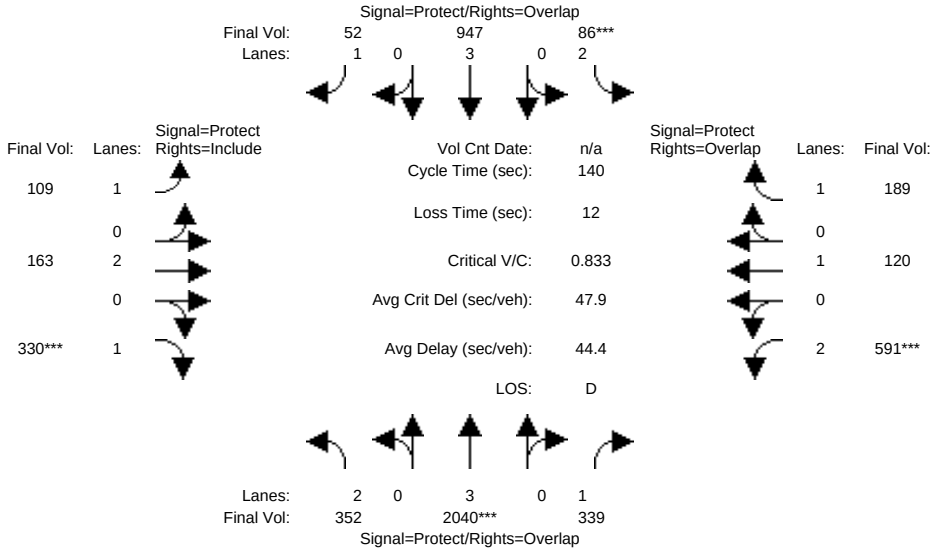
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	352	2011	339	86	939	52	109	163	330	591	120	189
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	352	2011	339	86	939	52	109	163	330	591	120	189
Added Vol:	0	29	0	0	8	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	352	2040	339	86	947	52	109	163	330	591	120	189
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	352	2040	339	86	947	52	109	163	330	591	120	189
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	352	2040	339	86	947	52	109	163	330	591	120	189
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	352	2040	339	86	947	52	109	163	330	591	120	189
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.36	0.19	0.03	0.17	0.03	0.06	0.04	0.19	0.19	0.06	0.11
Crit Moves:	****			****					****	****		
Green Time:	26.5	59.0	89.9	7.0	39.5	66.5	27.0	31.1	31.1	30.9	35.0	42.0
Volume/Cap:	0.59	0.85	0.30	0.55	0.59	0.06	0.32	0.19	0.85	0.85	0.25	0.36
Delay/Veh:	53.3	39.6	11.3	68.9	43.9	19.9	49.2	44.4	68.2	62.0	42.3	38.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.3	39.6	11.3	68.9	43.9	19.9	49.2	44.4	68.2	62.0	42.3	38.9
LOS by Move:	D-	D	B+	E	D	B-	D	D	E	E	D	D+
HCM2k95thQ:	15	44	13	6	22	3	9	6	30	30	8	13

Note: Queue reported is the number of cars per lane.

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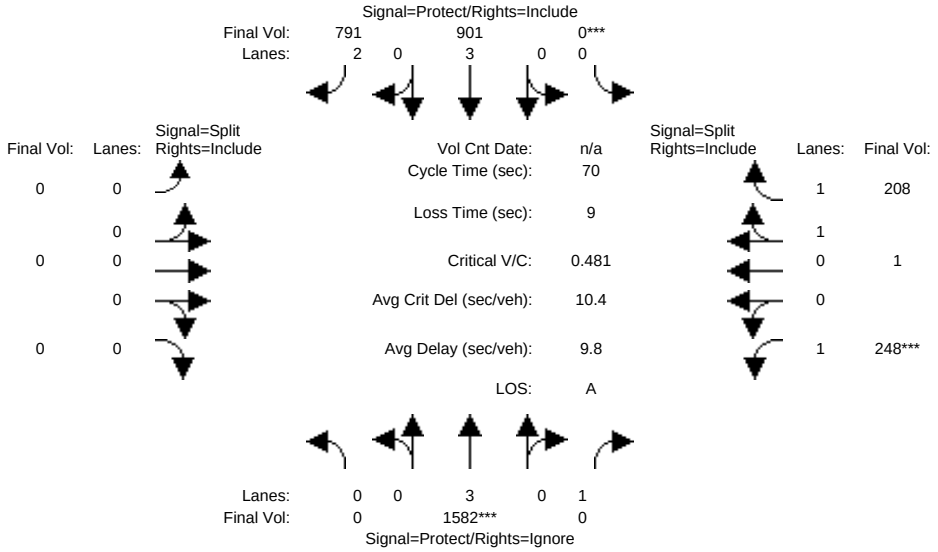
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp




```
Street Name:          Cottle Road            State Route 85 NB On/Off-Ramp
Approach:      North Bound      South Bound      East Bound      West Bound
Movement:    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10    10     0   10    10     0    0     0   10   10    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0  4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1582   651     0  901   791     0    0     0  248    1   208
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
Initial Bse:    0 1582   651     0  901   791     0    0     0  248    1   208
Added Vol:      0    0     0     0    0     0     0    0     0    0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0    0    0     0
Initial Fut:    0 1582   651     0  901   791     0    0     0  248    1   208
User Adj:    1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
PHF Volume:     0 1582     0     0  901   791     0    0     0  248    1   208
Reduct Vol:     0    0     0     0    0     0     0    0     0    0    0     0
Reduced Vol:    0 1582     0     0  901   791     0    0     0  248    1   208
PCE Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
FinalVolume:    0 1582     0     0  901   791     0    0     0  248    1   208
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.83  0.92 1.00  0.92  0.92 0.95  0.95
Lanes:       0.00 3.00  1.00  0.00 3.00  2.00  0.00 0.00  0.00  1.00 0.01  1.99
Final Sat.:     0 5700  1750     0 5700  3150     0    0     0  1750   17  3583
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.28  0.00  0.00 0.16  0.25  0.00 0.00  0.00  0.14 0.06  0.06
Crit Moves:       ****        ****                        ****
Green Time:   0.0 40.4   0.0   0.0 40.4  40.4   0.0  0.0   0.0  20.6 20.6  20.6
Volume/Cap:  0.00 0.48  0.00  0.00 0.27  0.44  0.00 0.00  0.00  0.48 0.20  0.20
Delay/Veh:    0.0  8.8   0.0   0.0  7.5   8.5   0.0  0.0   0.0  21.0 18.6  18.6
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0  8.8   0.0   0.0  7.5   8.5   0.0  0.0   0.0  21.0 18.6  18.6
LOS by Move:    A    A     A     A    A     A     A    A     A    C+   B-    B-
HCM2k95thQ:     0   12     0     0    6    11     0    0     0   10    4     4
Note: Queue reported is the number of cars per lane.
```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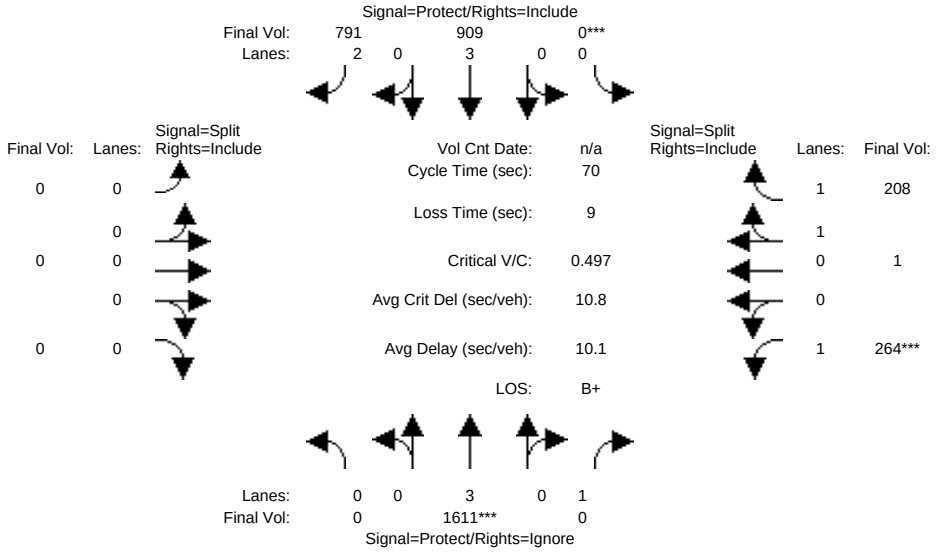
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp




```
Street Name:          Cottle Road            State Route 85 NB On/Off-Ramp
Approach:      North Bound      South Bound      East Bound      West Bound
Movement:    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10    10     0   10    10     0    0     0   10   10    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0  4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1582   651     0  901   791     0    0     0  248    1   208
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
Initial Bse:    0 1582   651     0  901   791     0    0     0  248    1   208
Added Vol:      0   29    77     0    8     0     0    0     0   16    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0    0    0     0
Initial Fut:    0 1611   728     0  909   791     0    0     0  264    1   208
User Adj:    1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
PHF Volume:     0 1611     0     0  909   791     0    0     0  264    1   208
Reduct Vol:     0    0     0     0    0     0     0    0     0    0    0     0
Reduced Vol:    0 1611     0     0  909   791     0    0     0  264    1   208
PCE Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00 1.00 1.00  1.00
FinalVolume:    0 1611     0     0  909   791     0    0     0  264    1   208
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.83  0.92 1.00  0.92  0.92 0.95  0.95
Lanes:       0.00 3.00  1.00  0.00 3.00  2.00  0.00 0.00  0.00  1.00 0.01  1.99
Final Sat.:     0 5700  1750     0 5700  3150     0    0     0  1750   17  3583
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.28  0.00  0.00 0.16  0.25  0.00 0.00  0.00  0.15 0.06  0.06
Crit Moves:       ****        ****                        ****
Green Time:   0.0 39.8   0.0   0.0 39.8  39.8   0.0  0.0   0.0  21.2 21.2  21.2
Volume/Cap:  0.00 0.50  0.00  0.00 0.28  0.44  0.00 0.00  0.00  0.50 0.19  0.19
Delay/Veh:    0.0  9.2   0.0   0.0  7.8   8.9   0.0  0.0   0.0  20.7 18.1  18.1
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0  9.2   0.0   0.0  7.8   8.9   0.0  0.0   0.0  20.7 18.1  18.1
LOS by Move:    A    A     A     A    A     A     A    A     A    C+   B-    B-
HCM2k95thQ:     0   13     0     0    6    11     0    0     0   11    4     4
Note: Queue reported is the number of cars per lane.
```

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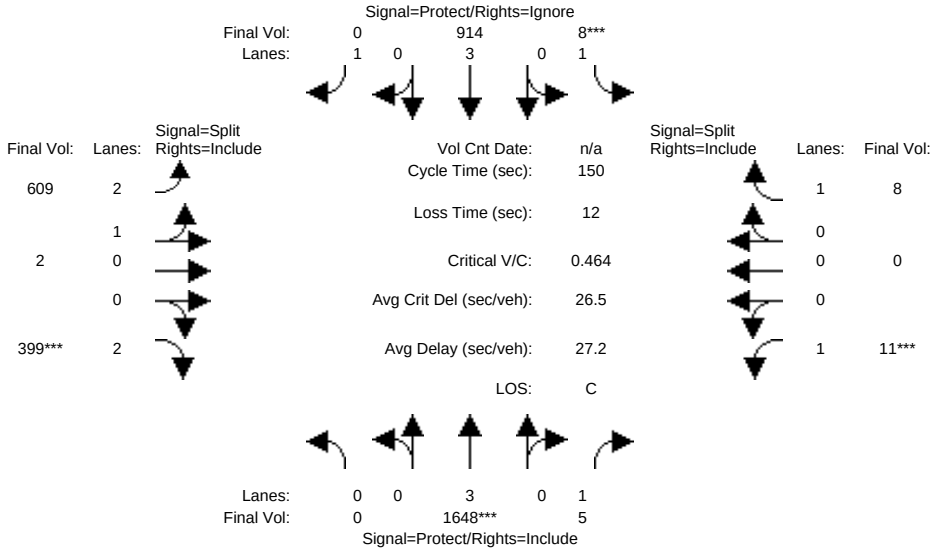
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp




```
Street Name:          Cottle Road             State Route 85 SB Off-Ramp
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     0   10    10     7   10    10    10   10    10    10    0    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1648     5     8  914    83   609    2   399    11    0     8
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1648     5     8  914    83   609    2   399    11    0     8
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1648     5     8  914    83   609    2   399    11    0     8
User Adj:    1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1648     5     8  914     0   609    2   399    11    0     8
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0 1648     5     8  914     0   609    2   399    11    0     8
PCE Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    0 1648     5     8  914     0   609    2   399    11    0     8
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.92  0.87 0.95  0.83  0.92 1.00  0.92
Lanes:       0.00 3.00  1.00  1.00 3.00  1.00  2.99 0.01  2.00  1.00 0.00  1.00
Final Sat.:     0 5700  1750  1750 5700  1750  4934   16  3150  1750    0  1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.29  0.00  0.00 0.16  0.00  0.12 0.12  0.13  0.01 0.00  0.00
Crit Moves:       ****        ****                    ****  ****
Green Time:   0.0 84.1  84.1   7.0 91.1   0.0  36.9 36.9  36.9  10.0  0.0  10.0
Volume/Cap:  0.00 0.52  0.01  0.10 0.26  0.00  0.50 0.50  0.52  0.09 0.00  0.07
Delay/Veh:    0.0 20.5  14.5  69.0 13.8   0.0  49.0 49.0  49.5  66.1  0.0  65.9
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0 20.5  14.5  69.0 13.8   0.0  49.0 49.0  49.5  66.1  0.0  65.9
LOS by Move:    A   C+    B     E    B     A     D    D     D     E    A     E
HCM2k95thQ:     0   27    0     1   12     0    17   17    18     1    0     1
Note: Queue reported is the number of cars per lane.
```

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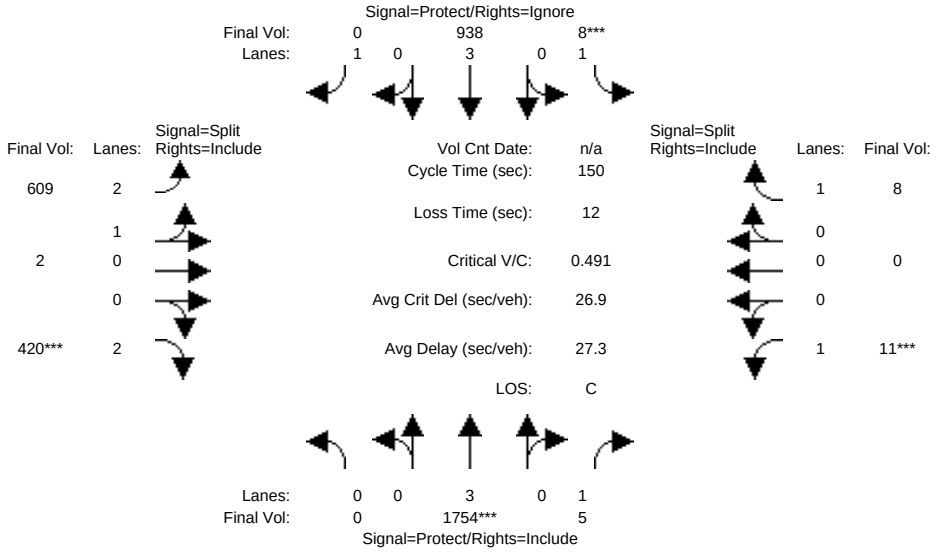
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road					State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound	
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1648	5	8	914	83	609	2	399	11	0	8
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1648	5	8	914	83	609	2	399	11	0	8
Added Vol:	0	106	0	0	24	0	0	0	21	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1754	5	8	938	83	609	2	420	11	0	8
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1754	5	8	938	0	609	2	420	11	0	8
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1754	5	8	938	0	609	2	420	11	0	8
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1754	5	8	938	0	609	2	420	11	0	8
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4934	16	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.31	0.00	0.00	0.16	0.00	0.12	0.12	0.13	0.01	0.00	0.00
Crit Moves:		****			****				****	****		
Green Time:	0.0	84.4	84.4	7.0	91.4	0.0	36.6	36.6	36.6	10.0	0.0	10.0
Volume/Cap:	0.00	0.55	0.01	0.10	0.27	0.00	0.51	0.51	0.55	0.09	0.00	0.07
Delay/Veh:	0.0	20.9	14.4	69.0	13.7	0.0	49.3	49.3	50.3	66.1	0.0	65.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.9	14.4	69.0	13.7	0.0	49.3	49.3	50.3	66.1	0.0	65.9
LOS by Move:	A	C+	B	E	B	A	D	D	D	E	A	E
HCM2k95thQ:	0	29	0	1	12	0	17	17	19	1	0	1

Note: Queue reported is the number of cars per lane.

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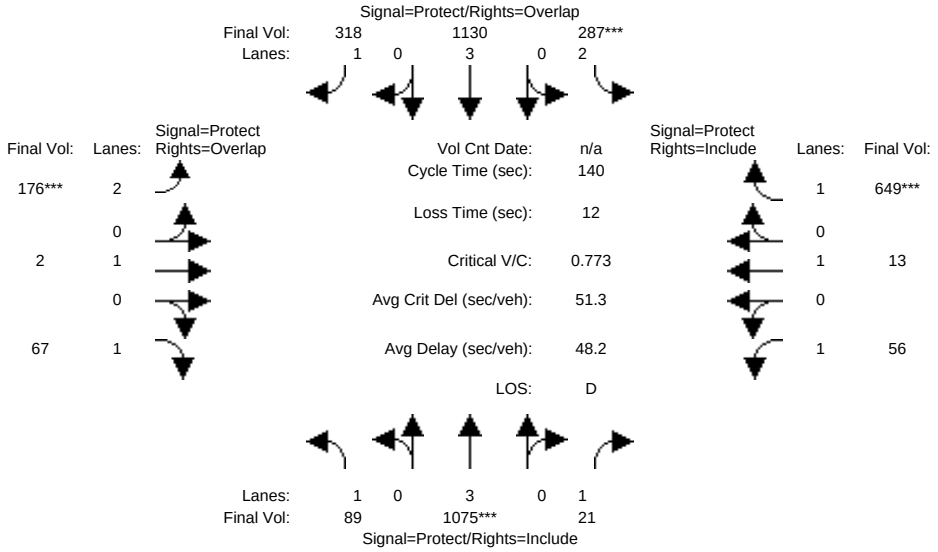
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	89	1075	21	287	1130	318	176	2	67	56	13	649
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	1075	21	287	1130	318	176	2	67	56	13	649
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	1075	21	287	1130	318	176	2	67	56	13	649
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	1075	21	287	1130	318	176	2	67	56	13	649
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	1075	21	287	1130	318	176	2	67	56	13	649
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	1075	21	287	1130	318	176	2	67	56	13	649
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.19	0.01	0.09	0.20	0.18	0.06	0.00	0.04	0.03	0.01	0.37
Crit Moves:	****			****			****				****	
Green Time:	10.3	34.2	34.2	16.5	40.3	50.5	10.1	45.5	55.8	31.8	67.2	67.2
Volume/Cap:	0.69	0.77	0.05	0.77	0.69	0.50	0.77	0.00	0.10	0.14	0.01	0.77
Delay/Veh:	77.8	52.0	40.5	69.6	45.5	35.7	78.8	31.9	26.4	43.3	19.1	34.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	77.8	52.0	40.5	69.6	45.5	35.7	78.8	31.9	26.4	43.3	19.1	34.6
LOS by Move:	E-	D-	D	E	D	D+	E-	C	C	D	B-	C-
HCM2k95thQ:	8	25	1	17	26	21	12	0	4	4	1	42

Note: Queue reported is the number of cars per lane.

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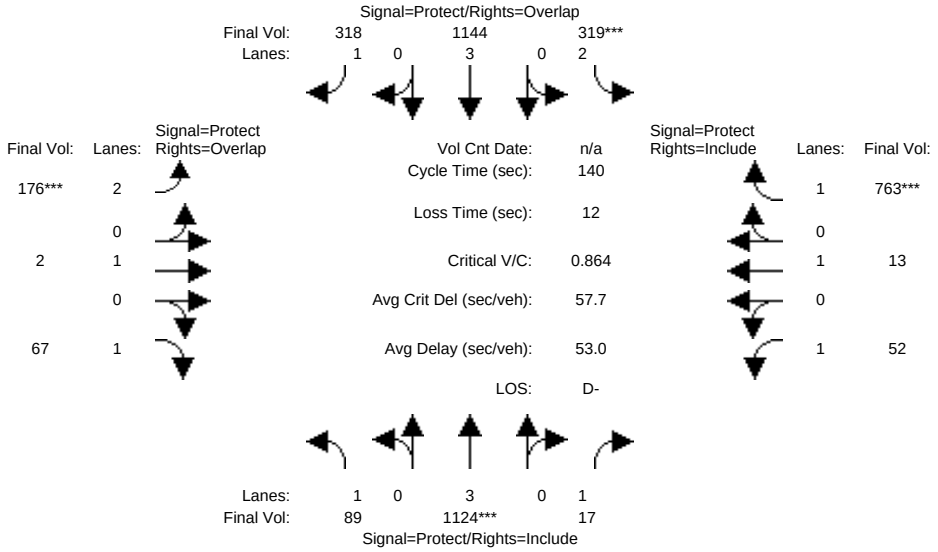
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	89	1075	21	287	1130	318	176	2	67	56	13	649
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	1075	21	287	1130	318	176	2	67	56	13	649
Added Vol:	0	49	-4	32	14	0	0	0	0	-4	0	114
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	1124	17	319	1144	318	176	2	67	52	13	763
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	1124	17	319	1144	318	176	2	67	52	13	763
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	1124	17	319	1144	318	176	2	67	52	13	763
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	1124	17	319	1144	318	176	2	67	52	13	763
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.20	0.01	0.10	0.20	0.18	0.06	0.00	0.04	0.03	0.01	0.44
Crit Moves:	****			****			****				****	
Green Time:	9.8	31.9	31.9	16.4	38.6	47.6	9.0	46.9	56.6	32.8	70.6	70.6
Volume/Cap:	0.73	0.86	0.04	0.86	0.73	0.53	0.86	0.00	0.09	0.13	0.01	0.86
Delay/Veh:	83.6	58.2	42.2	79.4	47.7	38.2	94.6	31.0	25.9	42.4	17.3	39.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.6	58.2	42.2	79.4	47.7	38.2	94.6	31.0	25.9	42.4	17.3	39.4
LOS by Move:	F	E+	D	E-	D	D+	F	C	C	D	B	D
HCM2k95thQ:	8	28	1	20	28	22	13	0	4	4	1	53

Note: Queue reported is the number of cars per lane.

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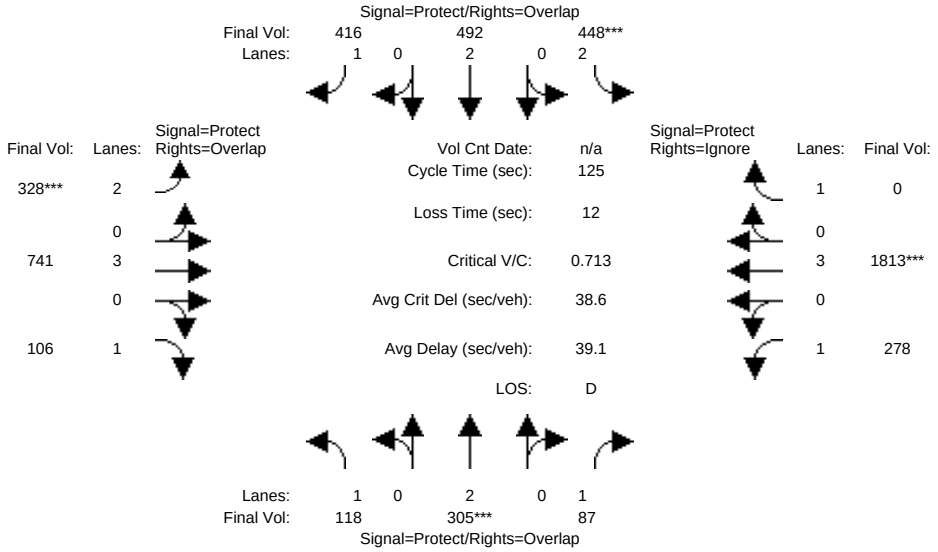
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #5: Cottle Road/Santa Teresa Boulevard




```
Street Name:          Cottle Road              Santa Teresa Boulevard
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10    10     7   10    10     7   10    10     7   10    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:    118  305    87   448  492   416   328  741   106   278 1813   644
Growth Adj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse: 118  305    87   448  492   416   328  741   106   278 1813   644
Added Vol:     0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:   0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut: 118  305    87   448  492   416   328  741   106   278 1813   644
User Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:  118  305    87   448  492   416   328  741   106   278 1813     0
Reduct Vol:    0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol: 118  305    87   448  492   416   328  741   106   278 1813     0
PCE Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
MLF Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
FinalVolume: 118  305    87   448  492   416   328  741   106   278 1813     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:   1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment: 0.92 1.00  0.92  0.83 1.00  0.92  0.83 1.00  0.92  0.92 1.00  0.92
Lanes:      1.00 2.00  1.00  2.00 2.00  1.00  2.00 3.00  1.00  1.00 3.00  1.00
Final Sat.: 1750 3800  1750  3150 3800  1750  3150 5700  1750  1750 5700  1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:    0.07 0.08  0.05  0.14 0.13  0.24  0.10 0.13  0.06  0.16 0.32  0.00
Crit Moves:      ****       ****           ****               ****
Green Time: 13.1 14.1  54.8  24.9 25.9  44.2  18.3 33.3  46.4  40.7 55.8   0.0
Volume/Cap: 0.64 0.71  0.11  0.71 0.62  0.67  0.71 0.49  0.16  0.49 0.71  0.00
Delay/Veh:  61.4 59.1  20.8  50.6 46.7  37.2  56.1 38.9  26.4  34.5 29.1   0.0
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh: 61.4 59.1  20.8  50.6 46.7  37.2  56.1 38.9  26.4  34.5 29.1   0.0
LOS by Move:   E   E+    C+    D    D    D+    E+   D+    C    C-    C     A
HCM2k95thQ:   11   13     4    18   16    25    16   15     6   17    32     0
Note: Queue reported is the number of cars per lane.
```

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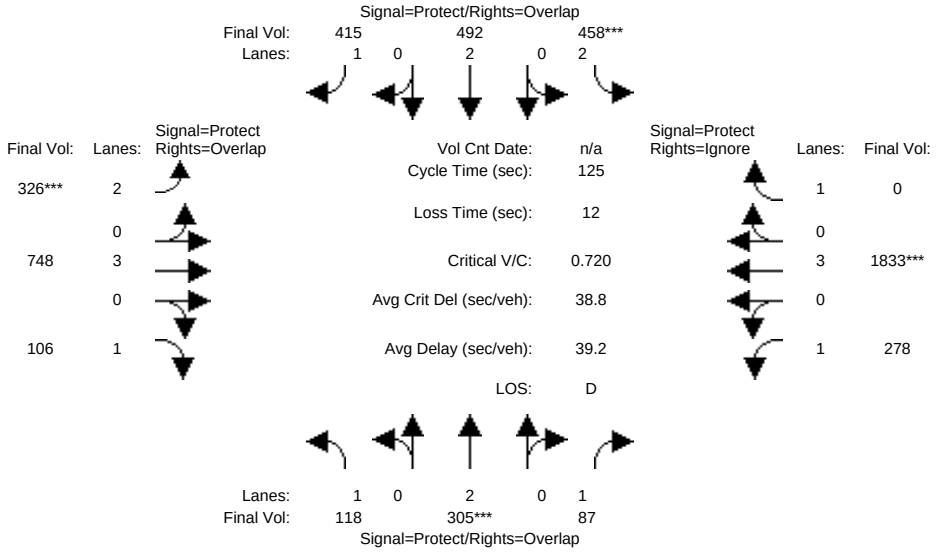
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #5: Cottle Road/Santa Teresa Boulevard




```
Street Name:          Cottle Road              Santa Teresa Boulevard
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10    10     7   10    10     7   10    10     7   10    10
Y+R:         4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:    118  305    87   448  492   416   328  741   106   278 1813   644
Growth Adj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse: 118  305    87   448  492   416   328  741   106   278 1813   644
Added Vol:     0    0     0    10    0    -1    -2    7     0     0   20    47
PasserByVol:   0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut: 118  305    87   458  492   415   326  748   106   278 1833   691
User Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:  118  305    87   458  492   415   326  748   106   278 1833     0
Reduct Vol:    0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol: 118  305    87   458  492   415   326  748   106   278 1833     0
PCE Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
MLF Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
FinalVolume: 118  305    87   458  492   415   326  748   106   278 1833     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:   1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment: 0.92 1.00  0.92  0.83 1.00  0.92  0.83 1.00  0.92  0.92 1.00  0.92
Lanes:      1.00 2.00  1.00  2.00 2.00  1.00  2.00 3.00  1.00  1.00 3.00  1.00
Final Sat.: 1750 3800  1750  3150 3800  1750  3150 5700  1750  1750 5700  1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:    0.07 0.08  0.05  0.15 0.13  0.24  0.10 0.13  0.06  0.16 0.32  0.00
Crit Moves:      ****       ****           ****               ****
Green Time: 13.1 13.9  54.4  25.2 26.0  44.0  18.0 33.4  46.5  40.4 55.8   0.0
Volume/Cap: 0.64 0.72  0.11  0.72 0.62  0.67  0.72 0.49  0.16  0.49 0.72  0.00
Delay/Veh:  61.1 59.6  21.1  50.6 46.5  37.3  56.7 38.9  26.3  34.7 29.2   0.0
User DelAdj:1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh: 61.1 59.6  21.1  50.6 46.5  37.3  56.7 38.9  26.3  34.7 29.2   0.0
LOS by Move:   E   E+    C+    D    D    D+    E+   D+    C    C-    C     A
HCM2k95thQ:   11   14     4    18   15    25    16   15     6   17    32     0
Note: Queue reported is the number of cars per lane.
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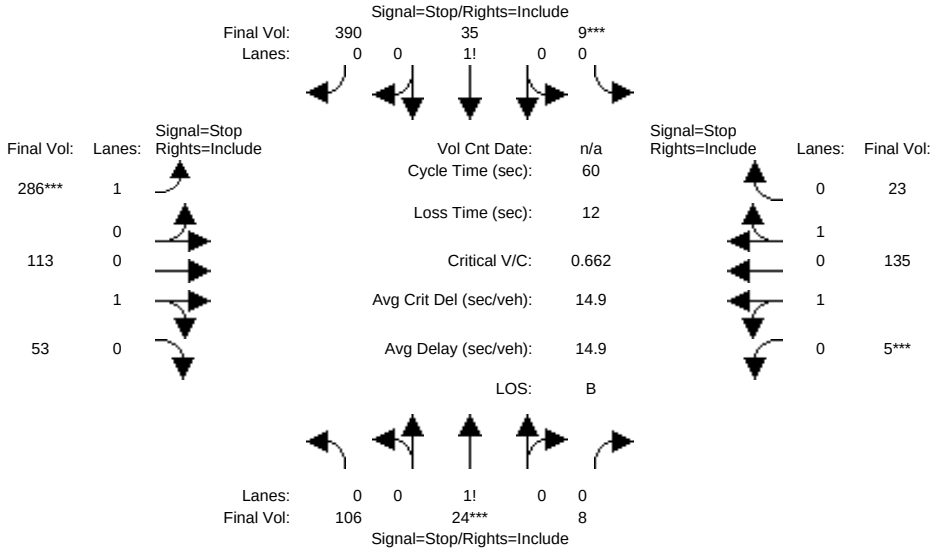
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	106	24	8	9	35	390	286	113	53	5	135	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	106	24	8	9	35	390	286	113	53	5	135	23
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	106	24	8	9	35	390	286	113	53	5	135	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	106	24	8	9	35	390	286	113	53	5	135	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	106	24	8	9	35	390	286	113	53	5	135	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	106	24	8	9	35	390	286	113	53	5	135	23
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.77	0.17	0.06	0.02	0.08	0.90	1.00	0.68	0.32	0.06	1.66	0.28
Final Sat.:	394	89	30	14	53	589	509	386	181	30	814	141
Capacity Analysis Module:												
Vol/Sat:	0.27	0.27	0.27	0.66	0.66	0.66	0.56	0.29	0.29	0.17	0.17	0.16
Crit Moves:	****			****			****			****		
Delay/Veh:	11.6	11.6	11.6	17.3	17.3	17.3	17.4	11.2	11.2	10.8	10.7	10.5
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	11.6	11.6	11.6	17.3	17.3	17.3	17.4	11.2	11.2	10.8	10.7	10.5
LOS by Move:	B	B	B	C	C	C	C	B	B	B	B	B
ApproachDel:	11.6			17.3			15.1			10.6		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	11.6			17.3			15.1			10.6		
LOS by Appr:	B			C			C			B		
AllWayAvgQ:	0.3	0.3	0.3	1.6	1.6	1.6	1.1	0.4	0.4	0.2	0.2	0.2

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour				
HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.08	0.18	0.19	0.09
P[C2]:	0.15	0.06	0.08	0.18
P[C3]:	0.21	0.43	0.41	0.19
P[C4]:	0.44	0.28	0.27	0.44
P[C5]:	0.12	0.05	0.04	0.11
Padj[C1]:	0.024	0.020	0.019	0.023
Padj[C2]:	0.013	0.011	0.010	0.012
Padj[C3]:	0.001	-0.009	-0.009	0.001
Padj[C4]:	-0.025	-0.017	-0.016	-0.025
Padj[C5]:	-0.012	-0.005	-0.004	-0.011

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.136	xx.xxx	-0.518	xx.xxx	0.517	-0.206	0.048	-0.181
Volume:	138	xxxxxx	434	xxxxxx	286	166	82	82
Capacity:	513	xxxxx	656	xxxxx	509	567	484	500
DegOfUtil:	0.25	x.xx	0.64	x.xx	0.54	0.28	0.15	0.15
DepHeadway:	6.46	xx.xx	5.31	xx.xx	6.84	6.12	6.84	6.61
ServiceTime:	4.5	xx.x	3.3	xx.x	4.5	3.8	4.5	4.3
Delay:	11.6	xxx.x	17.3	xxx.x	17.4	11.2	10.8	10.5
Queue:	0.3	xxx.x	1.6	xxx.x	1.1	0.4	0.2	0.2

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	11.6	17.3	15.1	10.6
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	11.6	17.3	15.1	10.6
LOS by Appr:	B	C	C	B

OverallDel: 14.9
OverallLOS: B

Peak Hour Volume Signal Warrant Report [Urban]

****

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Intersection #6 International Circle/Hospital Parkway

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0	0	1! 0	0	0	0	1! 0	0	1	0	0	1 0
Initial Vol:	106	24	8	9	35	390	286	113	53	5	135	23

Major Street Volume: 615
Minor Approach Volume: 434
Minor Approach Volume Threshold: 452

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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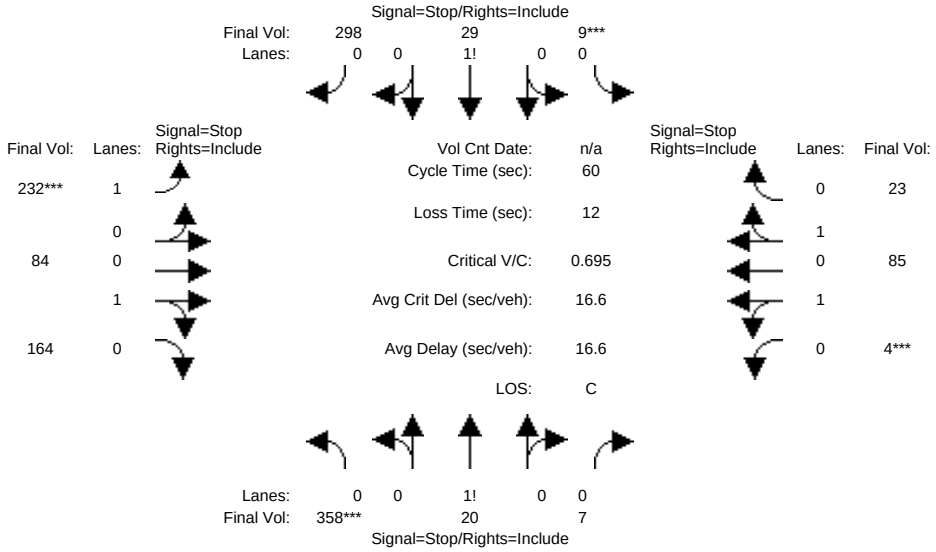
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background Plus Project PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle				Hospital Parkway			
Approach:	North Bound				South Bound			
Movement:	L	T	R		L	T	R	
Min. Green:	10	10	10		10	10	10	
Volume Module:								
Base Vol:	106	24	8		9	35	390	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	106	24	8		9	35	390	
Added Vol:	252	-4	-1		0	-6	-92	
PasserByVol:	0	0	0		0	0	0	
Initial Fut:	358	20	7		9	29	298	
User Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	358	20	7		9	29	298	
Reduct Vol:	0	0	0		0	0	0	
Reduced Vol:	358	20	7		9	29	298	
PCE Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	358	20	7		9	29	298	
Saturation Flow Module:								
Adjustment:	1.00	1.00	1.00		1.00	1.00	1.00	
Lanes:	0.93	0.05	0.02		0.03	0.08	0.89	
Final Sat.:	515	29	10		16	51	528	
Capacity Analysis Module:								
Vol/Sat:	0.70	0.70	0.70		0.56	0.56	0.56	
Crit Moves:	****				****			
Delay/Veh:	21.5	21.5	21.5		15.3	15.3	15.3	
Delay Adj:	1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	21.5	21.5	21.5		15.3	15.3	15.3	
LOS by Move:	C	C	C		C	C	C	
ApproachDel:	21.5				15.3			
Delay Adj:	1.00				1.00			
ApprAdjDel:	21.5				15.3			
LOS by Appr:	C				C			
AllWayAvgQ:	1.9	1.9	1.9		1.1	1.1	1.1	

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour				
HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.11	0.08	0.12	0.05
P[C2]:	0.13	0.16	0.03	0.10
P[C3]:	0.28	0.20	0.38	0.15
P[C4]:	0.40	0.46	0.39	0.45
P[C5]:	0.08	0.10	0.08	0.25
Padj[C1]:	0.022	0.024	0.023	0.028
Padj[C2]:	0.012	0.013	0.014	0.017
Padj[C3]:	-0.003	0.001	-0.006	0.005
Padj[C4]:	-0.023	-0.027	-0.023	-0.024
Padj[C5]:	-0.008	-0.010	-0.008	-0.025

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.192	xx.xxx	-0.510	xx.xxx	0.517	-0.446	0.053	-0.270
Volume:	385	xxxxxx	336	xxxxxx	232	248	56	56
Capacity:	554	xxxxx	595	xxxxx	479	550	429	446
DegOfUtil:	0.68	x.xx	0.54	x.xx	0.47	0.43	0.12	0.11
DepHeadway:	6.32	xx.xx	5.78	xx.xx	7.27	6.30	7.47	7.15
ServiceTime:	4.3	xx.x	3.8	xx.x	5.0	4.0	5.2	4.8
Delay:	21.5	xxx.x	15.3	xxx.x	16.2	13.8	11.2	10.7
Queue:	1.9	xxx.x	1.1	xxx.x	0.8	0.7	0.1	0.1

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	21.5	15.3	14.9	10.9
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	21.5	15.3	14.9	10.9
LOS by Appr:	C	C	B	B

OverallDel: 16.6
OverallLOS: C

Peak Hour Volume Signal Warrant Report [Urban]

Intersection #6 International Circle/Hospital Parkway

****

Future Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0	0	1! 0	0	0	0	1! 0	0	1	0	0	1 0
Initial Vol:	358	20	7	9	29	298	232	84	164	4	85	23

Major Street Volume: 721
Minor Approach Volume: 480
Minor Approach Volume Threshold: 395

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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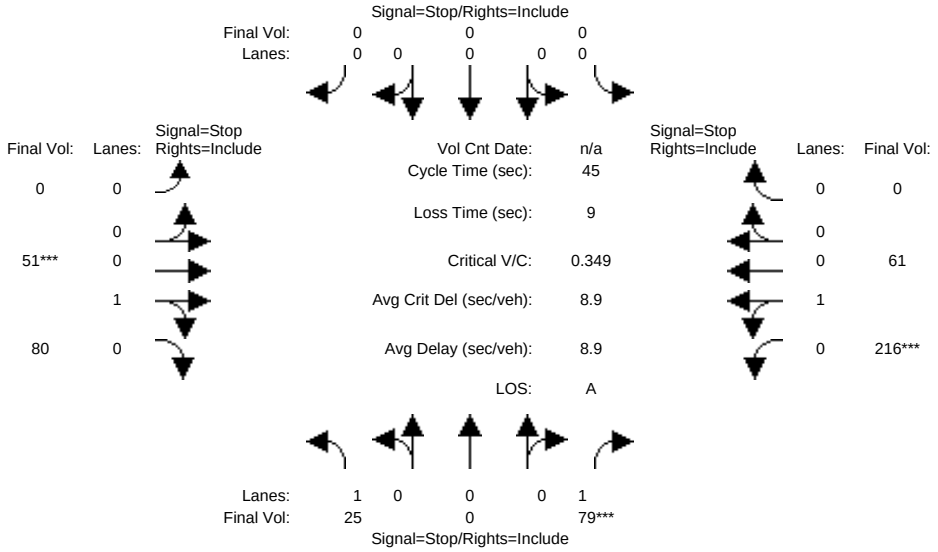
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background PM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:       Camino Verde Drive            International Circle
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:   10    0   10    0    0    0    0   10   10   10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     25    0   79    0    0    0    0   51   80  216   61    0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:  25    0   79    0    0    0    0   51   80  216   61    0
Added Vol:     0    0    0    0    0    0    0    0    0    0    0    0
PasserByVol:   0    0    0    0    0    0    0    0    0    0    0    0
Initial Fut:  25    0   79    0    0    0    0   51   80  216   61    0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:   25    0   79    0    0    0    0   51   80  216   61    0
Reduct Vol:    0    0    0    0    0    0    0    0    0    0    0    0
Reduced Vol:  25    0   79    0    0    0    0   51   80  216   61    0
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:  25    0   79    0    0    0    0   51   80  216   61    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 0.39  0.61  0.78 0.22  0.00
Final Sat.:  583    0  723    0    0    0    0  332  521  619  175    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.04 xxxx  0.11  xxxx xxxx  xxxx  xxxx 0.15  0.15  0.35 0.35  xxxx
Crit Moves:           ****                     ****       ****
Delay/Veh:    8.8  0.0   7.9   0.0  0.0   0.0   0.0  0.0  7.8   7.8   9.8  9.8   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   8.8  0.0   7.9   0.0  0.0   0.0   0.0  0.0  7.8   7.8   9.8  9.8   0.0
LOS by Move:    A    *     A     *    *     *     *    A     A     A     A     *
ApproachDel:       8.1           xxxxxx             7.8             9.8
Delay Adj:        1.00           xxxxx             1.00            1.00
ApprAdjDel:        8.1           xxxxxx             7.8             9.8
LOS by Appr:         A             *                 A               A
AllWayAvgQ:   0.0  0.0   0.1   0.0  0.0   0.0   0.2  0.2   0.2   0.5  0.5   0.5
Note: Queue reported is the number of cars per lane.
------------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:            1%              1%              1%              1%
Alpha Value: 0.01
------------|---------------|---------------|---------------|---------------|
GroupType:          5               X               2               2
P[C1]:         0.5595          x.xxxx          0.5661          0.7330
P[C2]:         0.0000          x.xxxx          0.2950          0.1282
P[C3]:         0.3895          x.xxxx          0.0913          0.1182
P[C4]:         0.0510          x.xxxx          0.0476          0.0207
P[C5]:         0.0000          x.xxxx          0.0000          0.0000
Padj[C1]:      0.00932         xx.xxxxx         0.00620         0.00427
Padj[C2]:      0.00491         xx.xxxxx        -0.00109         0.00031
Padj[C3]:     -0.01117         xx.xxxxx        -0.00226        -0.00334
Padj[C4]:     -0.00306         xx.xxxxx        -0.00285        -0.00124
Padj[C5]:     -0.00000         xx.xxxxx        -0.00000        -0.00000
------------|---------------|---------------|---------------|---------------|
Lanes:         L1     L2      L1     L2      L1     L2      L1     L2
LaneType:    LEFT    RITE    NOLANE  NOLANE   LTR    NOLANE   LTR    NOLANE
------------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx   -0.349  xx.xxx    0.173  xx.xxx
Volume:         25     79   xxxxxx  xxxxxx     131  xxxxxx     277  xxxxxx
Capacity:      583    723    xxxxx   xxxxx      853   xxxxx      794   xxxxx
DegOfUtil:    0.04   0.10     x.xx    x.xx     0.15    x.xx     0.34    x.xx
DepHeadway:   5.86   4.67    xx.xx   xx.xx     4.09   xx.xx     4.45   xx.xx
ServiceTime:  3.6    2.4     xx.x    xx.x      2.1    xx.x      2.5    xx.x
Delay:        8.8    7.9    xxx.x   xxx.x     7.8   xxx.x      9.8   xxx.x
Queue:        0.0    0.1    xxx.x   xxx.x     0.2   xxx.x      0.5   xxx.x
------------|---------------|---------------|---------------|---------------|
Approach:      North Bound     South Bound      East Bound      West Bound
------------|---------------|---------------|---------------|---------------|
ApproachDel:       8.1           xxx.x             7.8             9.8
Delay Adj:        1.00           x.xx             1.00            1.00
ApprAdjDel:        8.1           xxx.x             7.8             9.8
LOS by Appr:         A             *                 A               A
OverallDel:                              8.9
OverallLOS:                               A
              Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #7 Camino Verde Drive/International Circle

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1	0	0	0	1	0	0	0	0	0	0	0
Initial Vol:	25	0	79	0	0	0	0	51	80	216	61	0

Major Street Volume: 408
Minor Approach Volume: 104
Minor Approach Volume Threshold: 575

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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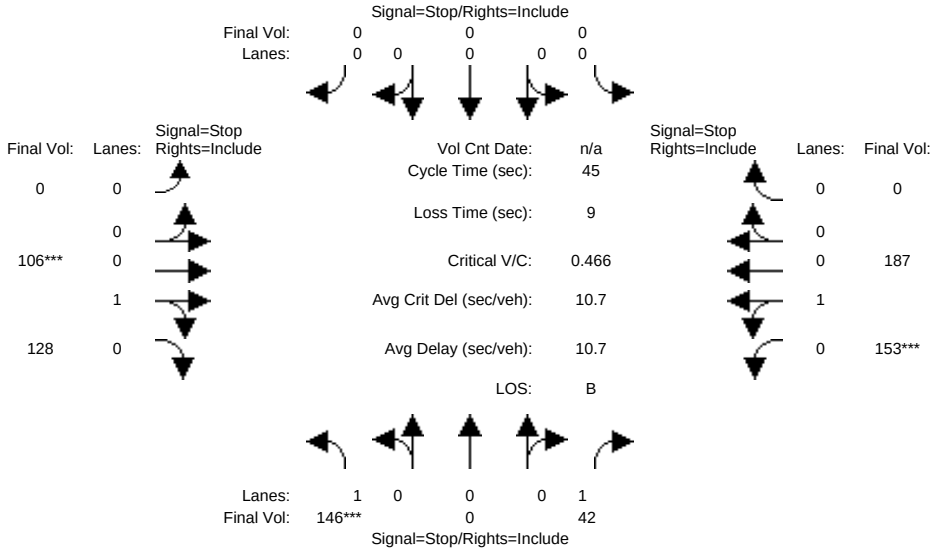
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Background Plus Project PM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:       Camino Verde Drive            International Circle
Approach:      North Bound     South Bound      East Bound      West Bound
Movement:    L  -  T  -  R   L  -  T  -  R   L  -  T  -  R   L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:   10    0   10    0    0    0    0   10   10   10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     25    0   79    0    0    0    0   51   80  216   61    0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:  25    0   79    0    0    0    0   51   80  216   61    0
Added Vol:   121    0  -37    0    0    0    0   55   48  -63  126    0
PasserByVol:   0    0    0    0    0    0    0    0    0    0    0    0
Initial Fut: 146    0   42    0    0    0    0  106  128  153  187    0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:  146    0   42    0    0    0    0  106  128  153  187    0
Reduct Vol:    0    0    0    0    0    0    0    0    0    0    0    0
Reduced Vol: 146    0   42    0    0    0    0  106  128  153  187    0
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume: 146    0   42    0    0    0    0  106  128  153  187    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 0.45  0.55  0.45 0.55  0.00
Final Sat.:   545    0  663    0    0    0    0  347  419  328  401    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:    0.27 xxxx  0.06  xxxx xxxx  xxxx  xxxx 0.31  0.31  0.47 0.47  xxxx
Crit Moves:  ****                                ****       ****
Delay/Veh:   11.1  0.0   8.1   0.0  0.0   0.0   0.0  0.0  9.4   9.4  11.8 11.8   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:  11.1  0.0   8.1   0.0  0.0   0.0   0.0  0.0  9.4   9.4  11.8 11.8   0.0
LOS by Move:    B    *     A     *    *     *     *    A     A     B     B     *
ApproachDel:      10.4           xxxxxx             9.4            11.8
Delay Adj:        1.00           xxxxx              1.00           1.00
ApprAdjDel:       10.4           xxxxxx             9.4            11.8
LOS by Appr:         B              *                A              B
AllWayAvgQ:   0.3  0.0   0.1   0.0  0.0   0.0   0.4  0.4   0.4   0.8  0.8   0.8
Note: Queue reported is the number of cars per lane.
------------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:            1%             1%             1%             1%
Alpha Value: 0.01
------------|---------------|---------------|---------------|---------------|
GroupType:          5              X              2              2
P[C1]:         0.3842         x.xxxx         0.3826         0.4949
P[C2]:         0.0000         x.xxxx         0.3194         0.2072
P[C3]:         0.4816         x.xxxx         0.1624         0.2100
P[C4]:         0.1343         x.xxxx         0.1355         0.0879
P[C5]:         0.0000         x.xxxx         0.0000         0.0000
Padj[C1]:      0.01366        xx.xxxxx        0.01051        0.00891
Padj[C2]:      0.00750        xx.xxxxx        0.00114        0.00179
Padj[C3]:     -0.01310        xx.xxxxx       -0.00352       -0.00542
Padj[C4]:     -0.00806        xx.xxxxx       -0.00813       -0.00528
Padj[C5]:     -0.00000        xx.xxxxx       -0.00000       -0.00000
------------|---------------|---------------|---------------|---------------|
Lanes:         L1     L2      L1     L2      L1     L2      L1     L2
LaneType:    LEFT    RITE    NOLANE NOLANE    LTR    NOLANE    LTR    NOLANE
------------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517 -0.683   xx.xxx xx.xxx  -0.311 xx.xxx    0.107 xx.xxx
Volume:       146     42   xxxxxx xxxxxx     234 xxxxxx     340 xxxxxx
Capacity:     545    663    xxxxx  xxxxx     765  xxxxx     730  xxxxx
DegOfUtil:    0.25   0.06    x.xx   x.xx     0.30   x.xx     0.46   x.xx
DepHeadway:   6.26   5.07   xx.xx  xx.xx     4.54  xx.xx     4.82  xx.xx
ServiceTime:  4.0    2.8    xx.x   xx.x      2.5   xx.x      2.8   xx.x
Delay:       11.1    8.1   xxx.x  xxx.x      9.4  xxx.x     11.8  xxx.x
Queue:        0.3    0.1   xxx.x  xxx.x     0.4  xxx.x      0.8  xxx.x
------------|---------------|---------------|---------------|---------------|
Approach:      North Bound     South Bound      East Bound      West Bound
------------|---------------|---------------|---------------|---------------|
ApproachDel:      10.4           xxx.x              9.4            11.8
Delay Adj:        1.00           x.xx               1.00           1.00
ApprAdjDel:       10.4           xxx.x              9.4            11.8
LOS by Appr:         B              *                A              B
OverallDel:                              10.7
OverallLOS:                               B
              Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #7 Camino Verde Drive/International Circle

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1	0	0	0	1	0	0	0	0	0	0	0
Initial Vol:	146	0	42	0	0	0	0	106	128	153	187	0

Major Street Volume: 574
Minor Approach Volume: 188
Minor Approach Volume Threshold: 467

SIGNAL WARRANT DISCLAIMER

This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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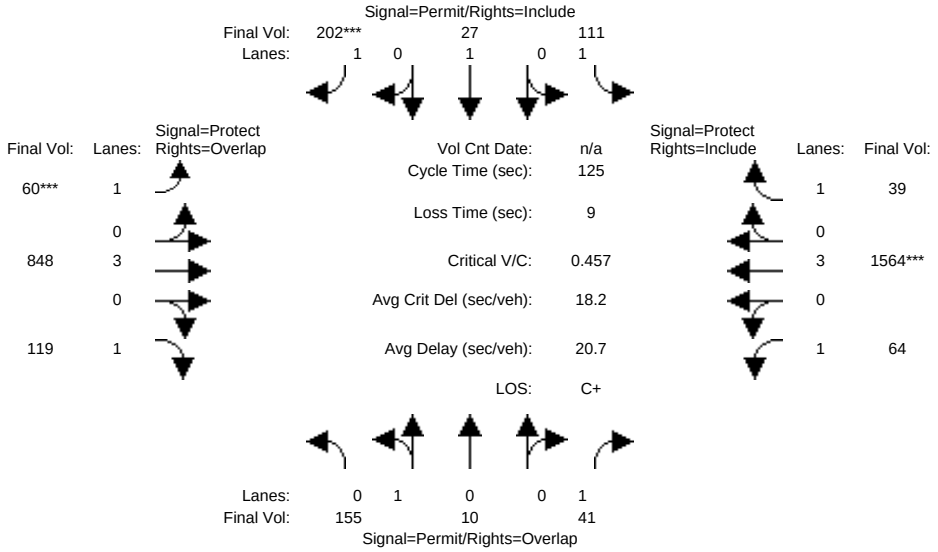
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	155	10	41	111	27	202	60	848	119	64	1564	39
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	155	10	41	111	27	202	60	848	119	64	1564	39
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	10	41	111	27	202	60	848	119	64	1564	39
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	155	10	41	111	27	202	60	848	119	64	1564	39
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	10	41	111	27	202	60	848	119	64	1564	39
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	155	10	41	111	27	202	60	848	119	64	1564	39
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.94	0.06	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1691	109	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.02	0.06	0.01	0.12	0.03	0.15	0.07	0.04	0.27	0.02
Crit Moves:					****	****			****			
Green Time:	31.6	31.6	54.7	31.6	31.6	31.6	9.4	61.3	61.3	23.1	75.1	75.1
Volume/Cap:	0.36	0.36	0.05	0.25	0.06	0.46	0.46	0.30	0.14	0.20	0.46	0.04
Delay/Veh:	38.9	38.9	20.3	37.6	35.5	40.2	57.9	19.1	17.5	43.4	13.9	10.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.9	38.9	20.3	37.6	35.5	40.2	57.9	19.1	17.5	43.4	13.9	10.2
LOS by Move:	D+	D+	C+	D+	D+	D	E+	B-	B	D	B	B+
HCM2k95thQ:	11	11	2	7	2	14	5	12	5	5	20	1

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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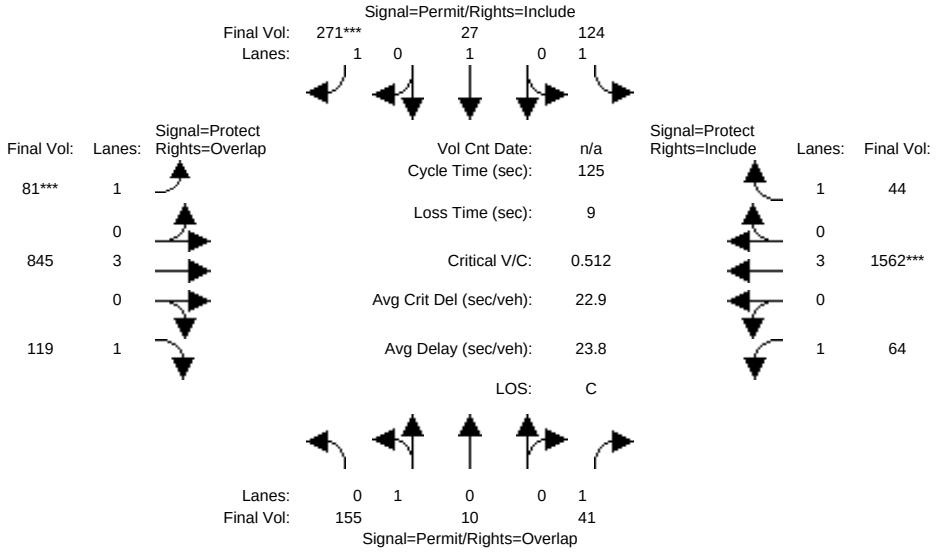
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	155	10	41	111	27	202	60	848	119	64	1564	39
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	155	10	41	111	27	202	60	848	119	64	1564	39
Added Vol:	0	0	0	13	0	69	21	-3	0	0	-2	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	10	41	124	27	271	81	845	119	64	1562	44
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	155	10	41	124	27	271	81	845	119	64	1562	44
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	10	41	124	27	271	81	845	119	64	1562	44
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	155	10	41	124	27	271	81	845	119	64	1562	44
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.94	0.06	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1691	109	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.02	0.07	0.01	0.15	0.05	0.15	0.07	0.04	0.27	0.03
Crit Moves:					****	****			****			
Green Time:	37.8	37.8	59.2	37.8	37.8	37.8	11.3	56.8	56.8	21.4	66.9	66.9
Volume/Cap:	0.30	0.30	0.05	0.23	0.05	0.51	0.51	0.33	0.15	0.21	0.51	0.05
Delay/Veh:	33.8	33.8	17.7	33.0	30.9	36.8	57.0	21.9	20.1	44.9	18.7	13.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.8	33.8	17.7	33.0	30.9	36.8	57.0	21.9	20.1	44.9	18.7	13.9
LOS by Move:	C-	C-	B	C-	C	D+	E+	C+	C+	D	B-	B
HCM2k95thQ:	10	10	2	8	1	18	6	13	6	5	23	2

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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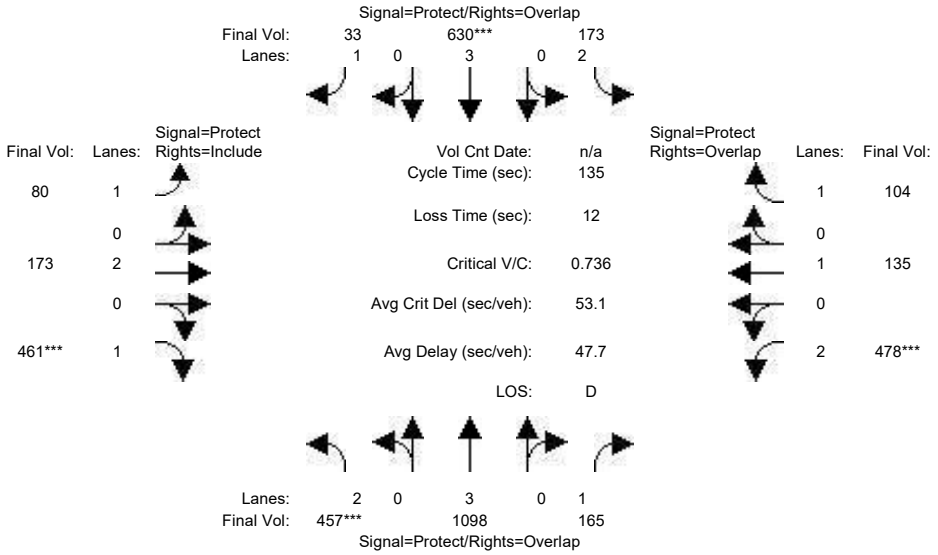
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative AM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	457	1098	165	173	630	33	80	173	461	478	135	104
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	457	1098	165	173	630	33	80	173	461	478	135	104
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	457	1098	165	173	630	33	80	173	461	478	135	104
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	457	1098	165	173	630	33	80	173	461	478	135	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	457	1098	165	173	630	33	80	173	461	478	135	104
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	457	1098	165	173	630	33	80	173	461	478	135	104
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.19	0.09	0.05	0.11	0.02	0.05	0.05	0.26	0.15	0.07	0.06
Crit Moves:	****				****				****	****		
Green Time:	26.6	36.5	64.3	10.4	20.3	51.6	31.3	48.3	48.3	27.8	44.8	55.2
Volume/Cap:	0.74	0.71	0.20	0.71	0.74	0.05	0.20	0.13	0.74	0.74	0.21	0.15
Delay/Veh:	55.5	46.1	20.6	70.4	58.2	26.3	41.9	29.2	42.4	54.6	32.6	25.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.5	46.1	20.6	70.4	58.2	26.3	41.9	29.2	42.4	54.6	32.6	25.2
LOS by Move:	E+	D	C+	E	E+	C	D	C	D	D-	C-	C
HCM2k95thQ:	20	24	8	11	18	2	6	5	32	22	8	6

Note: Queue reported is the number of cars per lane.

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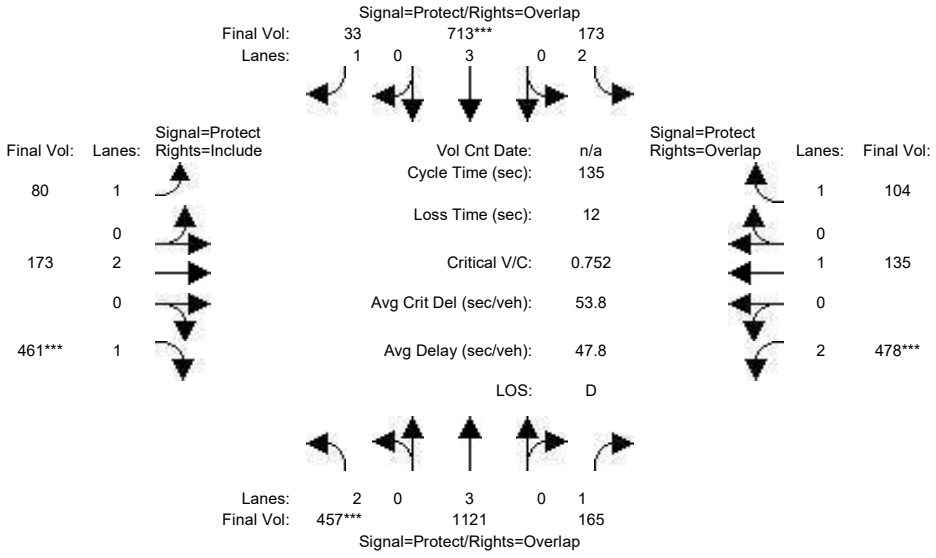
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	457	1098	165	173	630	33	80	173	461	478	135	104
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	457	1098	165	173	630	33	80	173	461	478	135	104
Added Vol:	0	23	0	0	83	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	457	1121	165	173	713	33	80	173	461	478	135	104
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	457	1121	165	173	713	33	80	173	461	478	135	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	457	1121	165	173	713	33	80	173	461	478	135	104
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	457	1121	165	173	713	33	80	173	461	478	135	104
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.20	0.09	0.05	0.13	0.02	0.05	0.05	0.26	0.15	0.07	0.06
Crit Moves:	****				****				****	****		
Green Time:	26.0	37.9	65.1	10.6	22.4	53.1	30.7	47.3	47.3	27.2	43.8	54.4
Volume/Cap:	0.75	0.70	0.20	0.70	0.75	0.05	0.20	0.13	0.75	0.75	0.22	0.15
Delay/Veh:	56.7	44.9	20.1	69.3	57.1	25.3	42.5	29.9	43.9	55.8	33.3	25.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.7	44.9	20.1	69.3	57.1	25.3	42.5	29.9	43.9	55.8	33.3	25.7
LOS by Move:	E+	D	C+	E	E+	C	D	C	D	E+	C-	C
HCM2k95thQ:	20	24	8	11	20	2	6	5	33	23	8	6

Note: Queue reported is the number of cars per lane.

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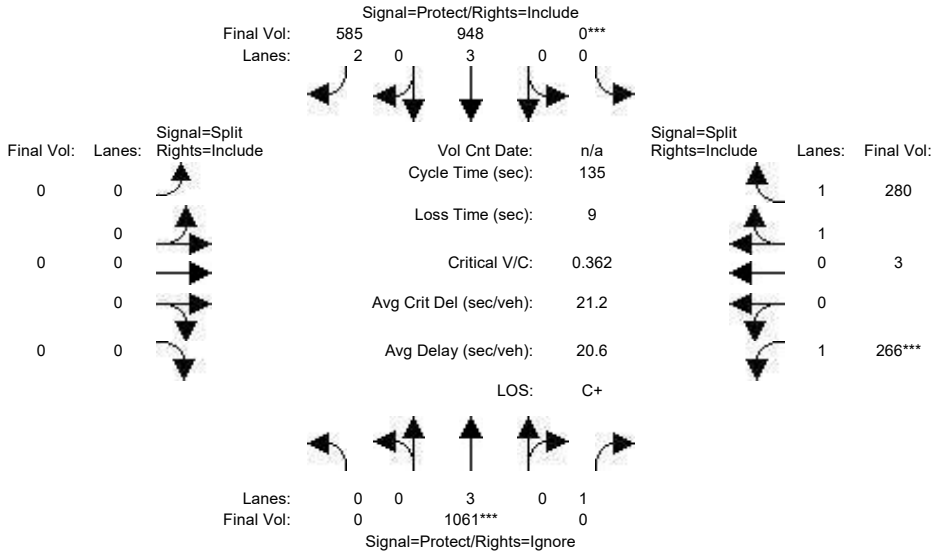
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative AM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp



Street Name:	Cottle Road						State Route 85 NB On/Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1061	592	0	948	585	0	0	0	266	3	280
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1061	592	0	948	585	0	0	0	266	3	280
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1061	592	0	948	585	0	0	0	266	3	280
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1061	0	0	948	585	0	0	0	266	3	280
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1061	0	0	948	585	0	0	0	266	3	280
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1061	0	0	948	585	0	0	0	266	3	280
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.83	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.00	3.00	1.00	0.00	3.00	2.00	0.00	0.00	0.00	1.00	0.02	1.98
Final Sat.:	0	5700	1750	0	5700	3150	0	0	0	1750	38	3562
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00	0.00	0.17	0.19	0.00	0.00	0.00	0.15	0.08	0.08
Crit Moves:		****		****						****		
Green Time:	0.0	69.4	0.0	0.0	69.4	69.4	0.0	0.0	0.0	56.6	56.6	56.6
Volume/Cap:	0.00	0.36	0.00	0.00	0.32	0.36	0.00	0.00	0.00	0.36	0.19	0.19
Delay/Veh:	0.0	19.7	0.0	0.0	19.2	19.7	0.0	0.0	0.0	27.1	24.7	24.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	19.7	0.0	0.0	19.2	19.7	0.0	0.0	0.0	27.1	24.7	24.7
LOS by Move:	A	B-	A	A	B-	B-	A	A	A	C	C	C
HCM2k95thQ:	0	16	0	0	14	15	0	0	0	15	7	7

Note: Queue reported is the number of cars per lane.

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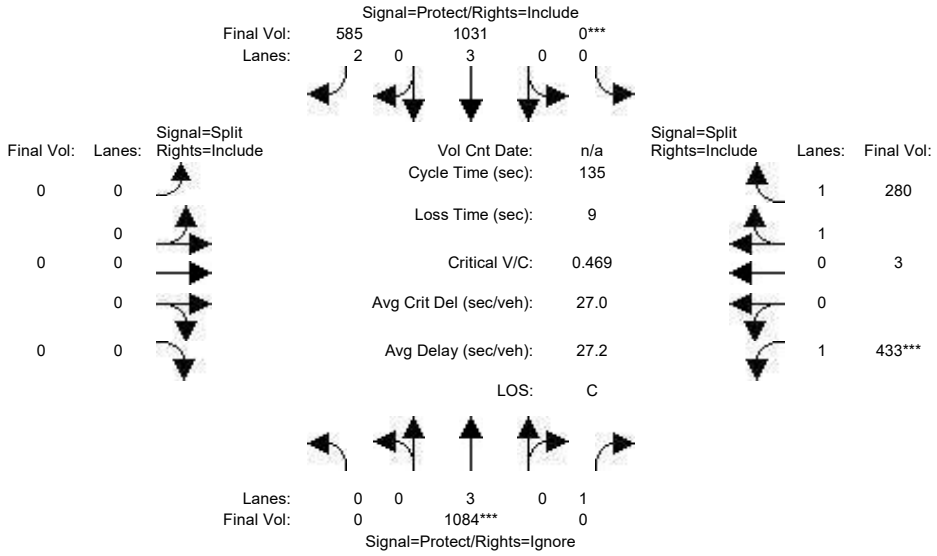
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp



Street Name:	Cottle Road						State Route 85 NB On/Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1061	592	0	948	585	0	0	0	266	3	280
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1061	592	0	948	585	0	0	0	266	3	280
Added Vol:	0	23	62	0	83	0	0	0	0	167	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1084	654	0	1031	585	0	0	0	433	3	280
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1084	0	0	1031	585	0	0	0	433	3	280
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1084	0	0	1031	585	0	0	0	433	3	280
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1084	0	0	1031	585	0	0	0	433	3	280
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.83	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.00	3.00	1.00	0.00	3.00	2.00	0.00	0.00	0.00	1.00	0.02	1.98
Final Sat.:	0	5700	1750	0	5700	3150	0	0	0	1750	38	3562
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00	0.00	0.18	0.19	0.00	0.00	0.00	0.25	0.08	0.08
Crit Moves:		****		****						****		
Green Time:	0.0	54.8	0.0	0.0	54.8	54.8	0.0	0.0	0.0	71.2	71.2	71.2
Volume/Cap:	0.00	0.47	0.00	0.00	0.45	0.46	0.00	0.00	0.00	0.47	0.15	0.15
Delay/Veh:	0.0	29.6	0.0	0.0	29.3	29.5	0.0	0.0	0.0	20.4	16.4	16.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	29.6	0.0	0.0	29.3	29.5	0.0	0.0	0.0	20.4	16.4	16.4
LOS by Move:	A	C	A	A	C	C	A	A	A	C+	B	B
HCM2k95thQ:	0	19	0	0	18	18	0	0	0	22	6	6

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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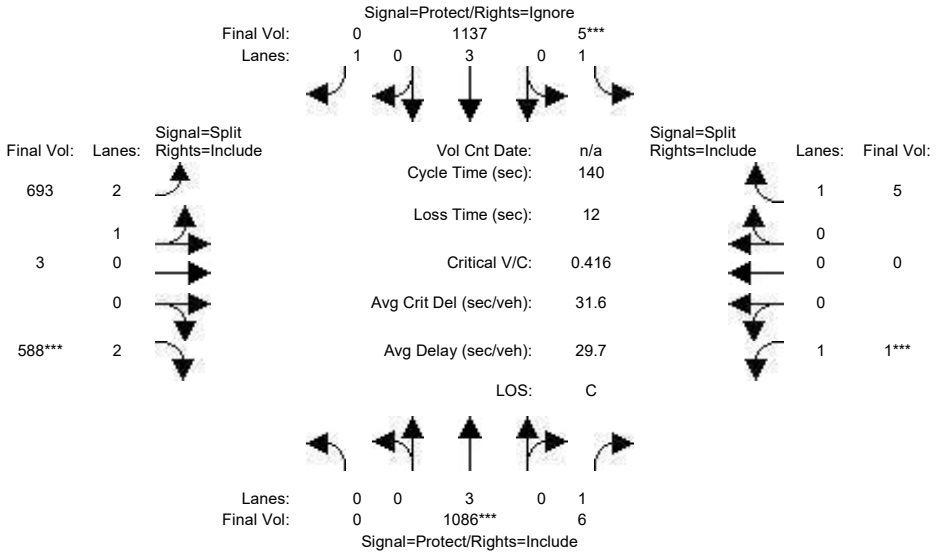
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative AM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road						State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1086	6	5	1137	52	693	3	588	1	0	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1086	6	5	1137	52	693	3	588	1	0	5
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1086	6	5	1137	52	693	3	588	1	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1086	6	5	1137	0	693	3	588	1	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1086	6	5	1137	0	693	3	588	1	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1086	6	5	1137	0	693	3	588	1	0	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4928	21	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.00	0.00	0.20	0.00	0.14	0.14	0.19	0.00	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	0.0	56.1	56.1	7.0	63.1	0.0	54.9	54.9	54.9	10.0	0.0	10.0
Volume/Cap:	0.00	0.48	0.01	0.06	0.44	0.00	0.36	0.36	0.48	0.01	0.00	0.04
Delay/Veh:	0.0	31.2	25.3	63.6	26.5	0.0	30.2	30.2	32.1	60.4	0.0	60.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	31.2	25.3	63.6	26.5	0.0	30.2	30.2	32.1	60.4	0.0	60.7
LOS by Move:	A	C	C	E	C	A	C	C	C-	E	A	E
HCM2k95thQ:	0	21	0	0	20	0	15	15	20	0	0	0

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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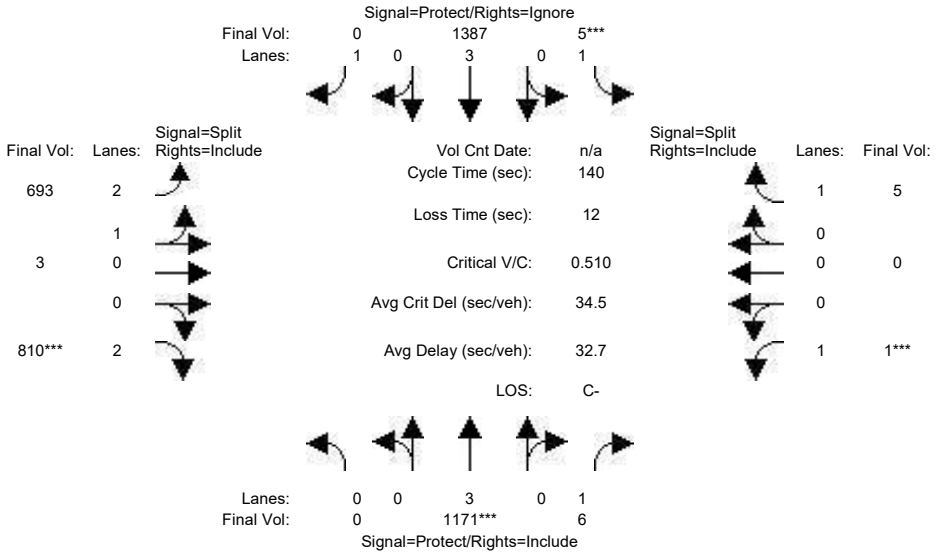
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road						State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1086	6	5	1137	52	693	3	588	1	0	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1086	6	5	1137	52	693	3	588	1	0	5
Added Vol:	0	85	0	0	250	0	0	0	222	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1171	6	5	1387	52	693	3	810	1	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1171	6	5	1387	0	693	3	810	1	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1171	6	5	1387	0	693	3	810	1	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1171	6	5	1387	0	693	3	810	1	0	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4928	21	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.21	0.00	0.00	0.24	0.00	0.14	0.14	0.26	0.00	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	0.0	49.3	49.3	7.0	56.3	0.0	61.7	61.7	61.7	10.0	0.0	10.0
Volume/Cap:	0.00	0.58	0.01	0.06	0.61	0.00	0.32	0.32	0.58	0.01	0.00	0.04
Delay/Veh:	0.0	37.4	29.5	63.6	33.5	0.0	25.6	25.6	30.1	60.4	0.0	60.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	37.4	29.5	63.6	33.5	0.0	25.6	25.6	30.1	60.4	0.0	60.7
LOS by Move:	A	D+	C	E	C-	A	C	C	C	E	A	E
HCM2k95thQ:	0	24	0	0	27	0	14	14	27	0	0	0

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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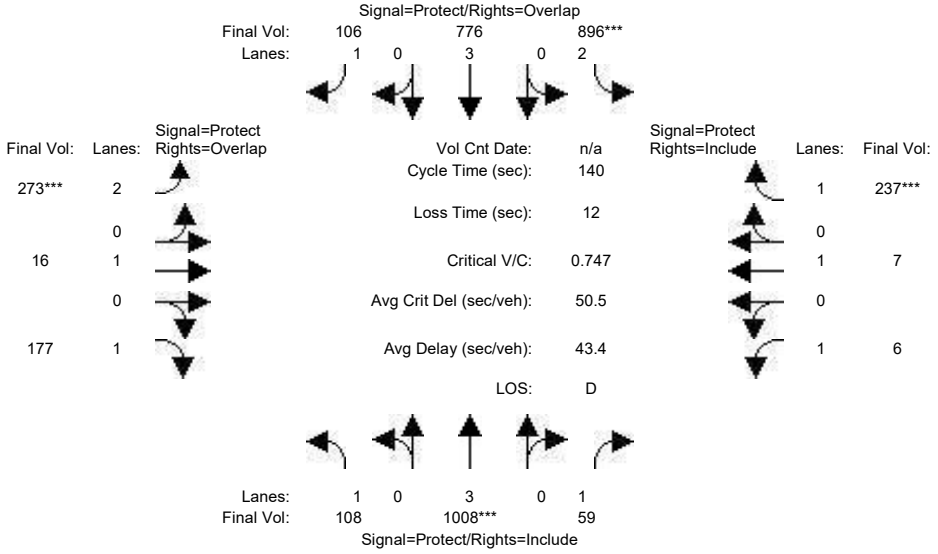
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative AM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	1008	59	896	776	106	273	16	177	6	7	237
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	1008	59	896	776	106	273	16	177	6	7	237
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	1008	59	896	776	106	273	16	177	6	7	237
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	1008	59	896	776	106	273	16	177	6	7	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	1008	59	896	776	106	273	16	177	6	7	237
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	1008	59	896	776	106	273	16	177	6	7	237
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.18	0.03	0.28	0.14	0.06	0.09	0.01	0.10	0.00	0.00	0.14
Crit Moves:		****		****			****					****
Green Time:	26.9	33.1	33.1	53.3	59.5	75.7	16.2	24.5	51.4	17.1	25.4	25.4
Volume/Cap:	0.32	0.75	0.14	0.75	0.32	0.11	0.75	0.05	0.28	0.03	0.02	0.75
Delay/Veh:	49.2	51.9	42.4	40.2	26.9	15.8	68.1	48.1	31.4	54.2	47.1	63.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.2	51.9	42.4	40.2	26.9	15.8	68.1	48.1	31.4	54.2	47.1	63.7
LOS by Move:	D	D-	D	D	C	B	E	D	C	D-	D	E
HCM2k95thQ:	8	23	4	35	14	5	16	1	11	1	1	22

Note: Queue reported is the number of cars per lane.

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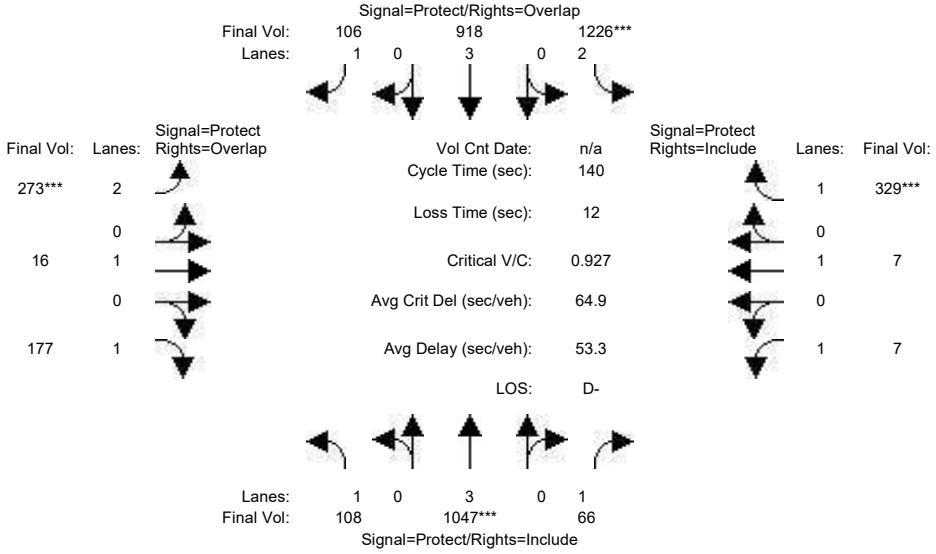
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	1008	59	896	776	106	273	16	177	6	7	237
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	1008	59	896	776	106	273	16	177	6	7	237
Added Vol:	0	39	7	330	142	0	0	0	0	1	0	92
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	1047	66	1226	918	106	273	16	177	7	7	329
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	1047	66	1226	918	106	273	16	177	7	7	329
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	1047	66	1226	918	106	273	16	177	7	7	329
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	1047	66	1226	918	106	273	16	177	7	7	329
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.18	0.04	0.39	0.16	0.06	0.09	0.01	0.10	0.00	0.00	0.19
Crit Moves:		****		****			****					****
Green Time:	24.0	27.7	27.7	58.8	62.6	75.6	13.1	24.4	48.4	17.1	28.4	28.4
Volume/Cap:	0.36	0.93	0.19	0.93	0.36	0.11	0.93	0.05	0.29	0.03	0.02	0.93
Delay/Veh:	52.0	68.0	47.0	49.9	25.6	15.8	96.8	48.2	33.6	54.2	44.7	84.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.0	68.0	47.0	49.9	25.6	15.8	96.8	48.2	33.6	54.2	44.7	84.6
LOS by Move:	D-	E	D	D	C	B	F	D	C-	D-	D	F
HCM2k95thQ:	8	27	5	54	16	5	19	1	11	1	0	32

Note: Queue reported is the number of cars per lane.

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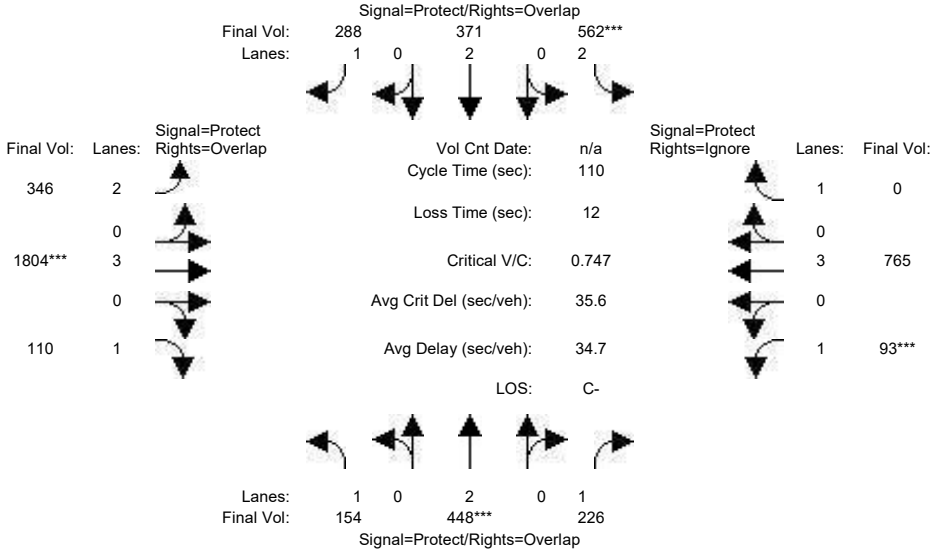
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative AM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	154	448	226	562	371	288	346	1804	110	93	765	389
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	154	448	226	562	371	288	346	1804	110	93	765	389
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	154	448	226	562	371	288	346	1804	110	93	765	389
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	154	448	226	562	371	288	346	1804	110	93	765	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	448	226	562	371	288	346	1804	110	93	765	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	154	448	226	562	371	288	346	1804	110	93	765	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.12	0.13	0.18	0.10	0.16	0.11	0.32	0.06	0.05	0.13	0.00
Crit Moves:		****		****				****		****		
Green Time:	20.7	17.3	25.2	26.3	22.9	47.4	24.5	46.6	67.2	7.8	29.9	0.0
Volume/Cap:	0.47	0.75	0.56	0.75	0.47	0.38	0.49	0.75	0.10	0.75	0.49	0.00
Delay/Veh:	40.8	49.4	39.4	42.9	38.6	21.6	37.9	28.1	8.9	71.9	33.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.8	49.4	39.4	42.9	38.6	21.6	37.9	28.1	8.9	71.9	33.9	0.0
LOS by Move:	D	D	D	D	D+	C+	D+	C	A	E	C-	A
HCM2k95thQ:	10	17	15	20	10	13	12	31	3	7	13	0

Note: Queue reported is the number of cars per lane.

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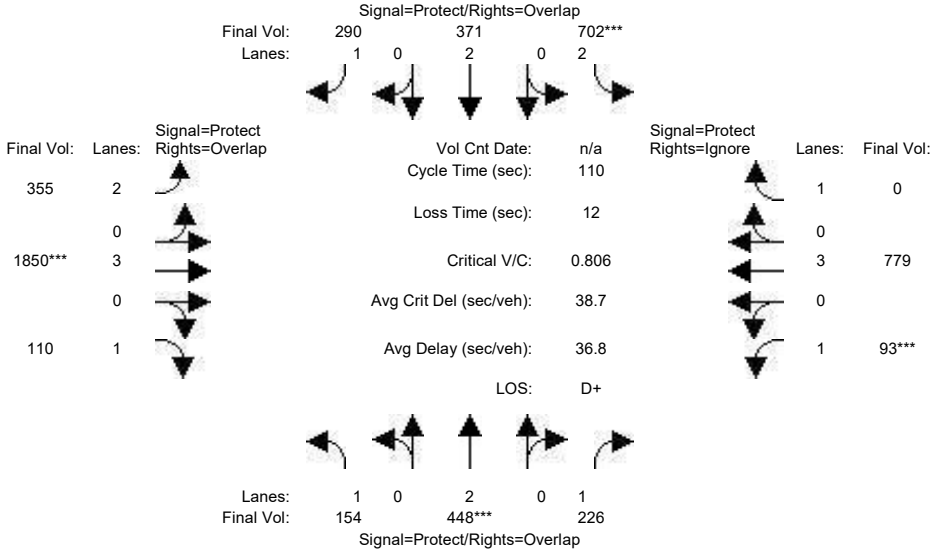
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	154	448	226	562	371	288	346	1804	110	93	765	389
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	154	448	226	562	371	288	346	1804	110	93	765	389
Added Vol:	0	0	0	140	0	2	9	46	0	0	14	37
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	154	448	226	702	371	290	355	1850	110	93	779	426
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	154	448	226	702	371	290	355	1850	110	93	779	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	448	226	702	371	290	355	1850	110	93	779	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	154	448	226	702	371	290	355	1850	110	93	779	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.12	0.13	0.22	0.10	0.17	0.11	0.32	0.06	0.05	0.14	0.00
Crit Moves:		****		****				****		****		
Green Time:	22.0	16.1	23.3	30.4	24.4	47.7	23.3	44.3	66.3	7.2	28.2	0.0
Volume/Cap:	0.44	0.81	0.61	0.81	0.44	0.38	0.53	0.81	0.10	0.81	0.53	0.00
Delay/Veh:	39.4	53.9	42.1	42.6	37.2	21.4	39.4	31.3	9.3	83.3	35.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.4	53.9	42.1	42.6	37.2	21.4	39.4	31.3	9.3	83.3	35.6	0.0
LOS by Move:	D	D-	D	D	D+	C+	D	C	A	F	D+	A
HCM2k95thQ:	10	18	15	25	10	13	13	34	3	7	14	0

Note: Queue reported is the number of cars per lane.

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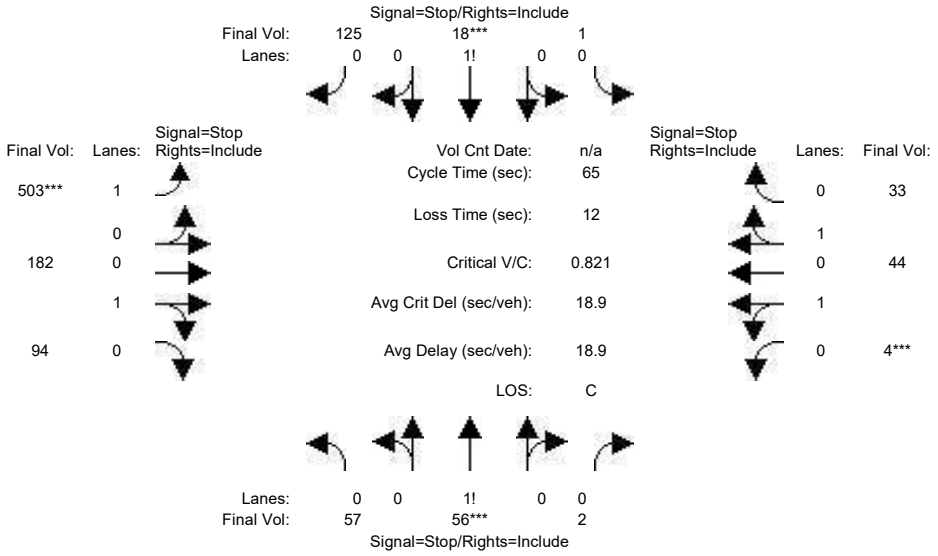
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative AM

Intersection #6: International Circle/Hospital Parkway




```
Street Name:         International Circle              Hospital Parkway
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:    10   10   10    10   10   10     7   10   10     7   10   10
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      57   56    2     1   18  125   503  182   94     4   44   33
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   57   56    2     1   18  125   503  182   94     4   44   33
Added Vol:      0    0    0     0    0    0     0    0    0     0    0    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   57   56    2     1   18  125   503  182   94     4   44   33
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    57   56    2     1   18  125   503  182   94     4   44   33
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   57   56    2     1   18  125   503  182   94     4   44   33
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   57   56    2     1   18  125   503  182   94     4   44   33
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       0.49 0.49 0.02  0.01 0.12 0.87  1.00 0.66 0.34  0.10 1.09 0.81
Final Sat.:   280  275   10     4   78  545   612  462  238    54  605  492
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.20 0.20 0.20  0.23 0.23 0.23  0.82 0.39 0.39  0.07 0.07 0.07
Crit Moves:       ****           ****           ****           ****
Delay/Veh:   10.5 10.5 10.5   9.9  9.9  9.9  29.3 11.1 11.1   9.4  9.3  8.7
Delay Adj:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:  10.5 10.5 10.5   9.9  9.9  9.9  29.3 11.1 11.1   9.4  9.3  8.7
LOS by Move:    B    B    B     A    A    A     D    B    B     A    A    A
ApproachDel:       10.5             9.9             22.9             9.0
Delay Adj:         1.00             1.00             1.00            1.00
ApprAdjDel:        10.5             9.9              22.9             9.0
LOS by Appr:          B               A                C               A
AllWayAvgQ:   0.2  0.2  0.2   0.3  0.3  0.3   3.5  0.6  0.6   0.1  0.1  0.1
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:             1%              1%              1%              1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:          2               2               5               5
P[C1]:           0.08            0.08            0.55            0.07
P[C2]:           0.02            0.02            0.08            0.56
P[C3]:           0.62            0.64            0.28            0.04
P[C4]:           0.26            0.24            0.08            0.29
P[C5]:           0.02            0.02            0.01            0.04
Padj[C1]:        0.021           0.021           0.009           0.017
Padj[C2]:        0.012           0.012           0.004           0.002
Padj[C3]:       -0.015          -0.016          -0.008           0.003
Padj[C4]:       -0.015          -0.014          -0.005          -0.017
Padj[C5]:       -0.002          -0.002          -0.001          -0.004
-----------|---------------|---------------|---------------|---------------|
Lanes:          L1      L2      L1      L2      L1      L2      L1      L2
LaneType:      LTR    NOLANE    LTR    NOLANE    LEFT   RTTHRU   LTTHRU  RTTHRU
-----------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.106  xx.xxx   -0.502  xx.xxx    0.517  -0.221    0.066  -0.553
Volume:        115  xxxxxx      144  xxxxxx      503     276       41      41
Capacity:      564   xxxxx      628   xxxxx      612     700      547     604
DegOfUtil:    0.19    x.xx     0.22    x.xx     0.82    0.39     0.07    0.06
DepHeadway:   6.06   xx.xx     5.43   xx.xx     5.84    5.11     6.22    5.60
ServiceTime:  4.1    xx.x      3.4    xx.x      3.5     2.8      3.9     3.3
Delay:       10.5   xxx.x      9.9   xxx.x     29.3    11.1      9.4     8.7
Queue:        0.2   xxx.x      0.3   xxx.x      3.5     0.6      0.1     0.1
-----------|---------------|---------------|---------------|---------------|
Approach:       North Bound      South Bound      East Bound       West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:       10.5             9.9             22.9             9.0
Delay Adj:         1.00            1.00             1.00            1.00
ApprAdjDel:        10.5             9.9             22.9             9.0
LOS by Appr:          B               A                C               A
OverallDel:                              18.9
OverallLOS:                               C
          Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #6 International Circle/Hospital Parkway

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0 0	1! 0	0	0 0	1! 0	0	1 0	0 1	0	0 1	0 1	0
Initial Vol:	57	56	2	1	18	125	503	182	94	4	44	33

Major Street Volume: 860
Minor Approach Volume: 144
Minor Approach Volume Threshold: 337

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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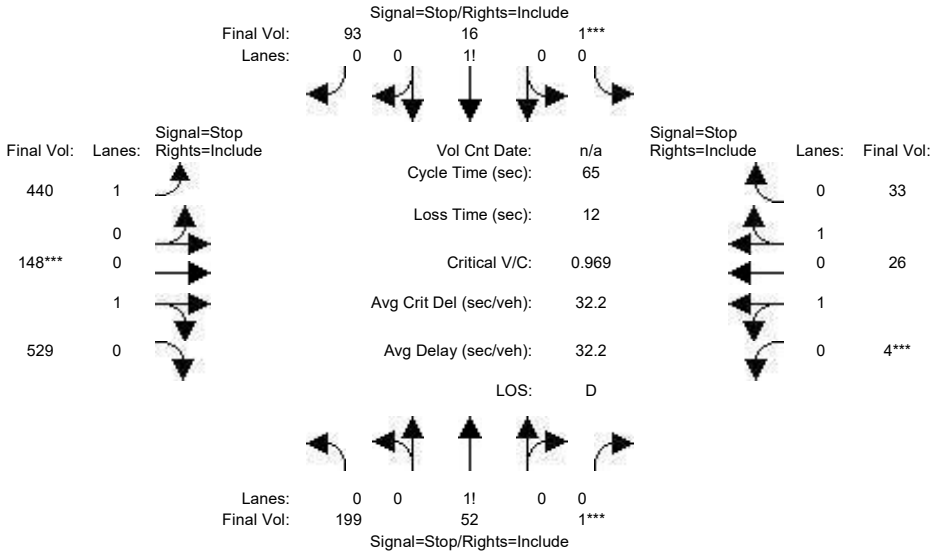
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	57	56	2	1	18	125	503	182	94	4	44	33
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	56	2	1	18	125	503	182	94	4	44	33
Added Vol:	142	-4	-1	0	-2	-32	-63	-34	435	0	-18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	199	52	1	1	16	93	440	148	529	4	26	33
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	199	52	1	1	16	93	440	148	529	4	26	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	199	52	1	1	16	93	440	148	529	4	26	33
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	199	52	1	1	16	93	440	148	529	4	26	33
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.79	0.20	0.01	0.01	0.14	0.85	1.00	0.22	0.78	0.13	0.87	1.00
Final Sat.:	450	117	2	5	86	502	579	153	546	62	428	547
Capacity Analysis Module:												
Vol/Sat:	0.44	0.44	0.44	0.19	0.19	0.19	0.76	0.97	0.97	0.06	0.06	0.06
Crit Moves:			****	****				****		****		
Delay/Veh:	14.0	14.0	14.0	10.2	10.2	10.2	25.7	48.9	48.9	10.1	10.1	9.3
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	14.0	14.0	14.0	10.2	10.2	10.2	25.7	48.9	48.9	10.1	10.1	9.3
LOS by Move:	B	B	B	B	B	B	D	E	E	B	B	A
ApproachDel:	14.0			10.2			39.8			9.7		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	14.0			10.2			39.8			9.7		
LOS by Appr:	B			B			E			A		
AllWayAvgQ:	0.8	0.8	0.8	0.2	0.2	0.2	2.7	8.0	8.0	0.1	0.1	0.1

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour

HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.01	0.00	0.41	0.00
P[C2]:	0.00	0.00	0.05	0.46
P[C3]:	0.72	0.50	0.41	0.00
P[C4]:	0.25	0.45	0.12	0.46
P[C5]:	0.02	0.05	0.01	0.08
Padj[C1]:	0.023	0.025	0.013	0.021
Padj[C2]:	0.013	0.015	0.006	0.007
Padj[C3]:	-0.019	-0.009	-0.011	0.006
Padj[C4]:	-0.015	-0.026	-0.007	-0.027
Padj[C5]:	-0.002	-0.005	-0.001	-0.008

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.173	xx.xxx	-0.488	xx.xxx	0.517	-0.530	0.080	-0.683
Volume:	252	xxxxxx	110	xxxxxx	440	677	30	33
Capacity:	569	xxxxx	594	xxxxx	579	698	490	547
DegOfUtil:	0.44	x.xx	0.18	x.xx	0.76	0.97	0.06	0.06
DepHeadway:	6.25	xx.xx	5.91	xx.xx	6.20	5.16	7.01	6.24
ServiceTime:	4.3	xx.x	3.9	xx.x	3.9	2.9	4.7	3.9
Delay:	14.0	xxx.x	10.2	xxx.x	25.7	48.9	10.1	9.3
Queue:	0.8	xxx.x	0.2	xxx.x	2.7	8.0	0.1	0.1

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	14.0	10.2	39.8	9.7
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	14.0	10.2	39.8	9.7
LOS by Appr:	B	B	E	A

OverallDel: 32.2
OverallLOS: D

Peak Hour Volume Signal Warrant Report [Urban]

****

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Intersection #6 International Circle/Hospital Parkway
****

Future Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0 0	1! 0	0	0 0	1! 0	0	1 0	0 1	0	0 1	0 1	0
Initial Vol:	199	52	1	1	16	93	440	148	529	4	26	33

Major Street Volume: 1180
Minor Approach Volume: 252
Minor Approach Volume Threshold: 228

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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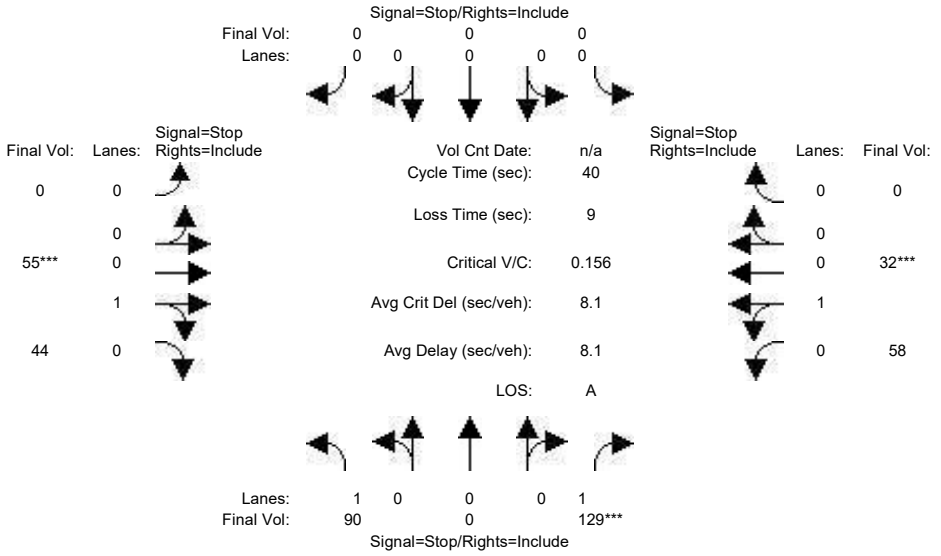
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative AM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:         Camino Verde Drive              International Circle
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:    10    0    10     0    0    0     0   10   10    10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      90    0   129     0    0    0     0   55   44    58   32    0
Growth Adj:  1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   90    0   129     0    0    0     0   55   44    58   32    0
Added Vol:      0    0     0     0    0    0     0    0    0     0    0    0
PasserByVol:    0    0     0     0    0    0     0    0    0     0    0    0
Initial Fut:   90    0   129     0    0    0     0   55   44    58   32    0
User Adj:    1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    90    0   129     0    0    0     0   55   44    58   32    0
Reduct Vol:     0    0     0     0    0    0     0    0    0     0    0    0
Reduced Vol:   90    0   129     0    0    0     0   55   44    58   32    0
PCE Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   90    0   129     0    0    0     0   55   44    58   32    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       1.00 0.00  1.00  0.00 0.00 0.00  0.00 0.56 0.44  0.64 0.36 0.00
Final Sat.:   648    0   826     0    0    0     0  453  363   483  266    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.14 xxxx  0.16  xxxx xxxx  xxxx  xxxx 0.12  0.12  0.12 0.12  xxxx
Crit Moves:             ****                          ****             ****
Delay/Veh:    9.0  0.0   7.7   0.0  0.0   0.0   0.0  7.8   7.8   8.2  8.2   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   9.0  0.0   7.7   0.0  0.0   0.0   0.0  7.8   7.8   8.2  8.2   0.0
LOS by Move:    A    *     A     *    *     *     *    A     A     A    A     *
ApproachDel:       8.2            xxxxxx             7.8             8.2
Delay Adj:        1.00             xxxxx            1.00            1.00
ApprAdjDel:        8.2            xxxxxx             7.8             8.2
LOS by Appr:         A                 *               A               A
AllWayAvgQ:   0.2  0.0   0.2   0.0  0.0   0.0   0.1  0.1   0.1   0.1  0.1   0.1
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:             1%              1%              1%              1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:          5               X               2               2
P[C1]:         0.7809          x.xxxx          0.6485          0.6479
P[C2]:         0.0000          x.xxxx          0.0851          0.0856
P[C3]:         0.2056          x.xxxx          0.2356          0.2354
P[C4]:         0.0135          x.xxxx          0.0309          0.0311
P[C5]:         0.0000          x.xxxx          0.0000          0.0000
Padj[C1]:      0.00452         xx.xxxxx         0.00649         0.00650
Padj[C2]:      0.00233         xx.xxxxx         0.00212         0.00212
Padj[C3]:     -0.00603         xx.xxxxx        -0.00676        -0.00675
Padj[C4]:     -0.00081         xx.xxxxx        -0.00185        -0.00187
Padj[C5]:     -0.00000         xx.xxxxx        -0.00000        -0.00000
-----------|---------------|---------------|---------------|---------------|
Lanes:          L1      L2      L1      L2      L1      L2      L1      L2
LaneType:     LEFT    RITE   NOLANE  NOLANE    LTR   NOLANE    LTR   NOLANE
-----------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx  -0.250  xx.xxx   0.146  xx.xxx
Volume:         90     129   xxxxxx  xxxxxx      99  xxxxxx      90  xxxxxx
Capacity:      648     826   xxxxx   xxxxx      816   xxxxx     749   xxxxx
DegOfUtil:    0.14    0.15    x.xx    x.xx     0.12    x.xx    0.12    x.xx
DepHeadway:   5.42    4.23   xx.xx   xx.xx     4.24   xx.xx    4.64   xx.xx
ServiceTime:   3.1     1.9    xx.x    xx.x      2.2    xx.x     2.6    xx.x
Delay:         9.0     7.7   xxx.x   xxx.x      7.8   xxx.x     8.2   xxx.x
Queue:         0.2     0.2   xxx.x   xxx.x      0.1   xxx.x     0.1   xxx.x
-----------|---------------|---------------|---------------|---------------|
Approach:      North Bound      South Bound      East Bound       West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:       8.2             xxx.x             7.8             8.2
Delay Adj:        1.00              x.xx            1.00            1.00
ApprAdjDel:        8.2             xxx.x             7.8             8.2
LOS by Appr:         A                 *               A               A
OverallDel:                              8.1
OverallLOS:                               A
            Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
```

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Intersection #7 Camino Verde Drive/International Circle

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1 0	0	0 1	0 0	0	0 0	0 0	0	1 0	0 1	0	0 0
Initial Vol:	90	0	129	0	0	0	0	55	44	58	32	0

Major Street Volume: 219
Minor Approach Volume: 99
Minor Approach Volume Threshold: 808

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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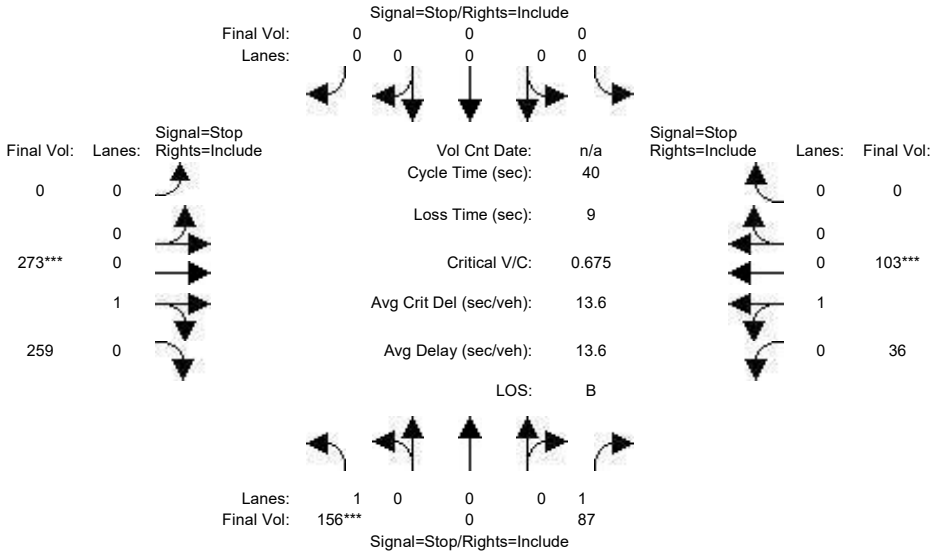
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:         Camino Verde Drive              International Circle
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:    10    0    10     0    0    0     0   10   10    10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      90    0   129     0    0    0     0   55   44    58   32    0
Growth Adj:  1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   90    0   129     0    0    0     0   55   44    58   32    0
Added Vol:     66    0   -42     0    0    0     0  218  215   -22   71    0
PasserByVol:    0    0     0     0    0    0     0    0    0     0    0    0
Initial Fut:  156    0    87     0    0    0     0  273  259    36  103    0
User Adj:    1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:   156    0    87     0    0    0     0  273  259    36  103    0
Reduct Vol:     0    0     0     0    0    0     0    0    0     0    0    0
Reduced Vol:  156    0    87     0    0    0     0  273  259    36  103    0
PCE Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:  156    0    87     0    0    0     0  273  259    36  103    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       1.00 0.00  1.00  0.00 0.00 0.00  0.00 0.51 0.49  0.26 0.74 0.00
Final Sat.:   526    0   636     0    0    0     0  404  384   169  484    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.30 xxxx  0.14  xxxx xxxx  xxxx  xxxx 0.68  0.68  0.21 0.21  xxxx
Crit Moves:  ****                                 ****               ****
Delay/Veh:   11.7  0.0   8.8   0.0  0.0   0.0   0.0 15.9  15.9   9.6  9.6   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:  11.7  0.0   8.8   0.0  0.0   0.0   0.0 15.9  15.9   9.6  9.6   0.0
LOS by Move:    B    *     A     *    *     *     *    C     C     A    A     *
ApproachDel:      10.6            xxxxxx             15.9              9.6
Delay Adj:        1.00             xxxxx             1.00             1.00
ApprAdjDel:       10.6            xxxxxx             15.9              9.6
LOS by Appr:         B                 *                C                A
AllWayAvgQ:   0.4  0.0   0.1   0.0  0.0   0.0   1.8  1.8   1.8   0.2  0.2   0.2
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:            1%               1%               1%               1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:          5                X                2                2
P[C1]:         0.2676           x.xxxx           0.5006           0.2108
P[C2]:         0.0000           x.xxxx           0.1274           0.4172
P[C3]:         0.5976           x.xxxx           0.2965           0.1249
P[C4]:         0.1348           x.xxxx           0.0755           0.2471
P[C5]:         0.0000           x.xxxx           0.0000           0.0000
Padj[C1]:      0.01600         xx.xxxxx          0.00947          0.01408
Padj[C2]:      0.00867         xx.xxxxx          0.00320          0.00202
Padj[C3]:     -0.01658         xx.xxxxx         -0.00814         -0.00128
Padj[C4]:     -0.00809         xx.xxxxx         -0.00453         -0.01483
Padj[C5]:     -0.00000         xx.xxxxx         -0.00000         -0.00000
-----------|---------------|---------------|---------------|---------------|
Lanes:          L1      L2       L1      L2       L1      L2       L1      L2
LaneType:     LEFT    RITE    NOLANE  NOLANE    LTR    NOLANE    LTR    NOLANE
-----------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx  -0.275  xx.xxx    0.069  xx.xxx
Volume:         156      87   xxxxxx  xxxxxx      532  xxxxxx      139  xxxxxx
Capacity:       526     636    xxxxx   xxxxx      788   xxxxx      654   xxxxx
DegOfUtil:     0.28    0.13     x.xx    x.xx     0.66    x.xx     0.20    x.xx
DepHeadway:    6.47    5.28    xx.xx   xx.xx     4.50   xx.xx     5.26   xx.xx
ServiceTime:   4.2     3.0      xx.x    xx.x      2.5    xx.x      3.3    xx.x
Delay:        11.7     8.8     xxx.x   xxx.x     15.9   xxx.x     9.6    xxx.x
Queue:         0.4     0.1     xxx.x   xxx.x      1.8   xxx.x     0.2    xxx.x
-----------|---------------|---------------|---------------|---------------|
Approach:       North Bound      South Bound       East Bound       West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:       10.6             xxx.x             15.9              9.6
Delay Adj:         1.00              x.xx             1.00             1.00
ApprAdjDel:        10.6             xxx.x             15.9              9.6
LOS by Appr:          B                 *                C                A
OverallDel:                                13.6
OverallLOS:                                   B
            Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #7 Camino Verde Drive/International Circle

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Control:	Stop Sign				Stop Sign				Stop Sign				Stop Sign			
Lanes:	1	0	0	0 1	0	0	0	0 0	0	0	0	1 0	0	1	0	0 0
Initial Vol:	156		0	87	0		0	0	0		273	259	36		103	0

Major Street Volume: 671
Minor Approach Volume: 243
Minor Approach Volume Threshold: 418

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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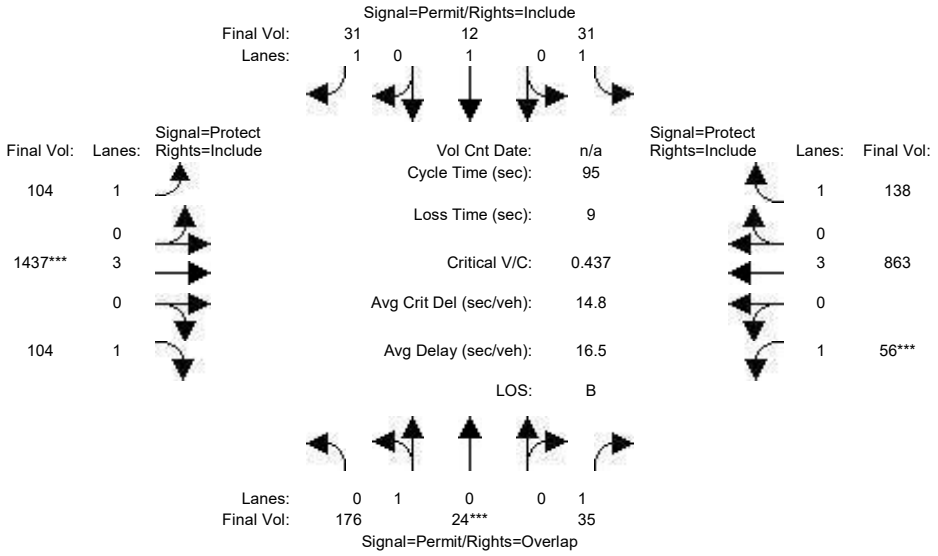
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative AM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	24	35	31	12	31	104	1437	104	56	863	138
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	24	35	31	12	31	104	1437	104	56	863	138
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	24	35	31	12	31	104	1437	104	56	863	138
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	24	35	31	12	31	104	1437	104	56	863	138
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	24	35	31	12	31	104	1437	104	56	863	138
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	24	35	31	12	31	104	1437	104	56	863	138
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.88	0.12	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1584	216	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.02	0.02	0.01	0.02	0.06	0.25	0.06	0.03	0.15	0.08
Crit Moves:		****						****			****	
Green Time:	24.2	24.2	31.2	24.2	24.2	24.2	20.2	54.8	54.8	7.0	41.6	41.6
Volume/Cap:	0.44	0.44	0.06	0.07	0.02	0.07	0.28	0.44	0.10	0.43	0.35	0.18
Delay/Veh:	30.4	30.4	21.9	26.9	26.6	26.9	31.7	11.4	9.1	44.4	17.8	16.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.4	30.4	21.9	26.9	26.6	26.9	31.7	11.4	9.1	44.4	17.8	16.4
LOS by Move:	C	C	C+	C	C	C	C	B+	A	D	B	B
HCM2k95thQ:	11	11	2	2	1	2	5	14	3	5	11	5

Note: Queue reported is the number of cars per lane.

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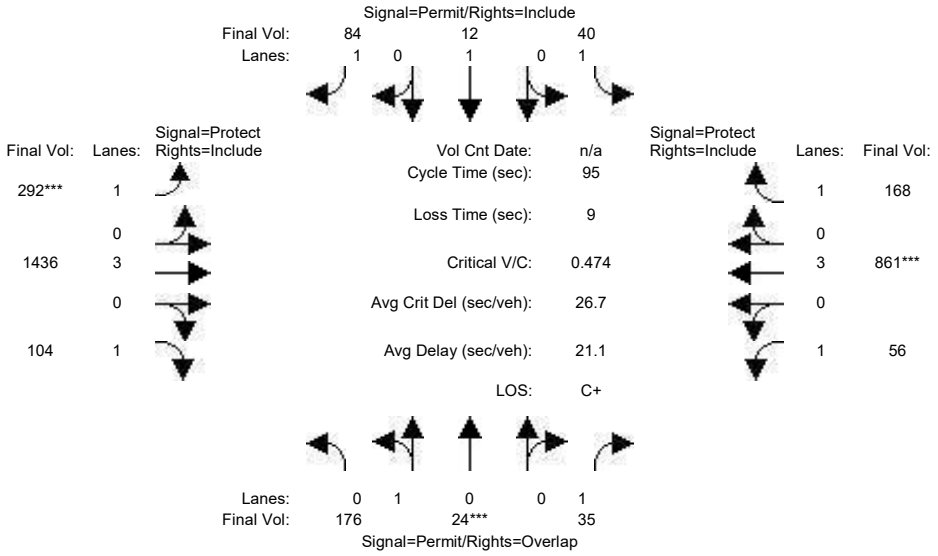
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	24	35	31	12	31	104	1437	104	56	863	138
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	24	35	31	12	31	104	1437	104	56	863	138
Added Vol:	0	0	0	9	0	53	188	-1	0	0	-2	30
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	24	35	40	12	84	292	1436	104	56	861	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	24	35	40	12	84	292	1436	104	56	861	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	24	35	40	12	84	292	1436	104	56	861	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	24	35	40	12	84	292	1436	104	56	861	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.88	0.12	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1584	216	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.02	0.02	0.01	0.05	0.17	0.25	0.06	0.03	0.15	0.10
Crit Moves:		****					****				****	
Green Time:	22.3	22.3	36.7	22.3	22.3	22.3	33.4	49.3	49.3	14.4	30.3	30.3
Volume/Cap:	0.47	0.47	0.05	0.10	0.03	0.20	0.47	0.49	0.11	0.21	0.47	0.30
Delay/Veh:	32.2	32.2	18.3	28.6	28.0	29.5	24.5	14.8	11.7	35.7	26.2	24.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.2	32.2	18.3	28.6	28.0	29.5	24.5	14.8	11.7	35.7	26.2	24.7
LOS by Move:	C-	C-	B-	C	C	C	C	B	B+	D+	C	C
HCM2k95thQ:	11	11	1	2	1	4	13	16	3	3	13	8

Note: Queue reported is the number of cars per lane.

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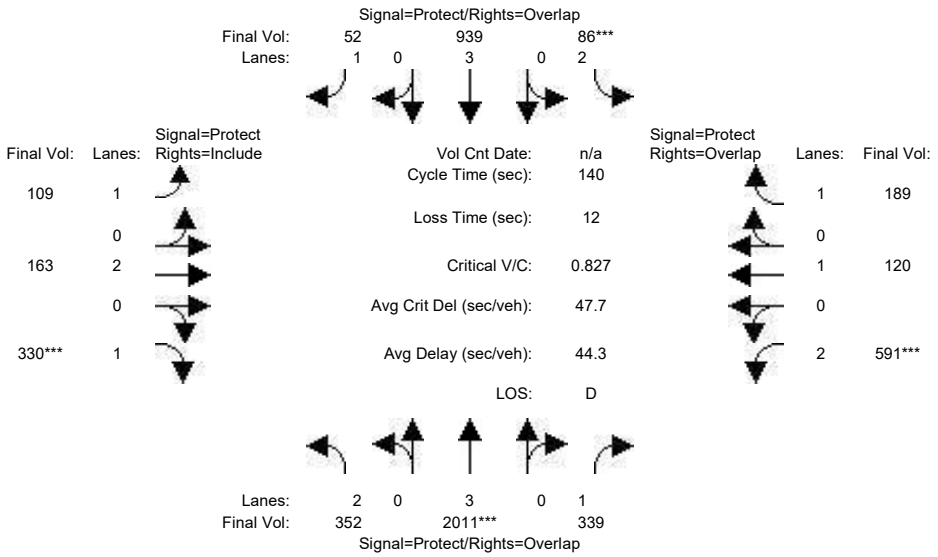
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative PM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	352	2011	339	86	939	52	109	163	330	591	120	189
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	352	2011	339	86	939	52	109	163	330	591	120	189
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	352	2011	339	86	939	52	109	163	330	591	120	189
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	352	2011	339	86	939	52	109	163	330	591	120	189
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	352	2011	339	86	939	52	109	163	330	591	120	189
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	352	2011	339	86	939	52	109	163	330	591	120	189
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.35	0.19	0.03	0.16	0.03	0.06	0.04	0.19	0.19	0.06	0.11
Crit Moves:		****		****					****	****		
Green Time:	26.5	58.6	89.7	7.0	39.1	66.3	27.2	31.3	31.3	31.1	35.2	42.2
Volume/Cap:	0.59	0.84	0.30	0.55	0.59	0.06	0.32	0.19	0.84	0.84	0.25	0.36
Delay/Veh:	53.4	39.5	11.4	68.9	44.2	20.0	49.0	44.2	67.3	61.3	42.1	38.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.4	39.5	11.4	68.9	44.2	20.0	49.0	44.2	67.3	61.3	42.1	38.7
LOS by Move:	D-	D	B+	E	D	C+	D	D	E	E	D	D+
HCM2k95thQ:	15	43	13	6	22	3	9	6	30	29	8	13

Note: Queue reported is the number of cars per lane.

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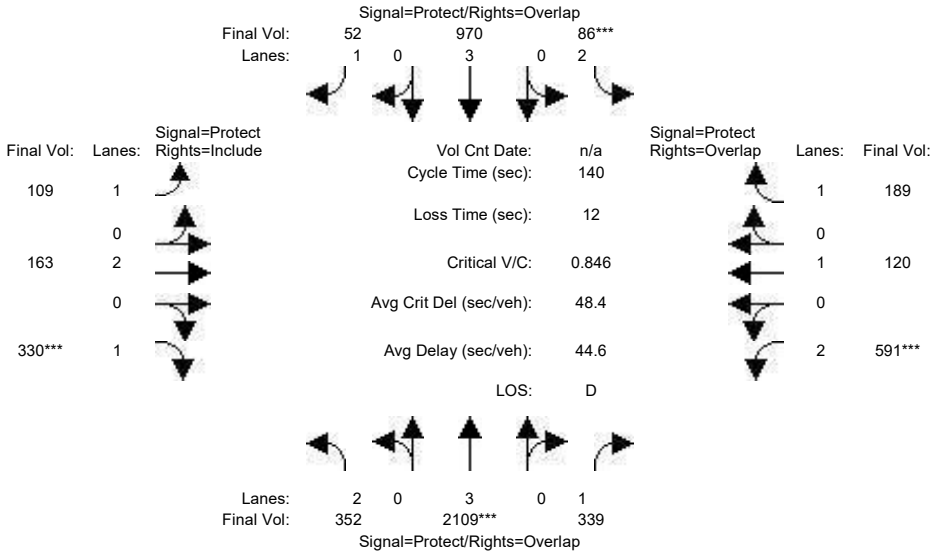
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #1: Cottle Road/Beswick Drive



Street Name:	Cottle Road						Beswick Drive					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	352	2011	339	86	939	52	109	163	330	591	120	189
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	352	2011	339	86	939	52	109	163	330	591	120	189
Added Vol:	0	98	0	0	31	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	352	2109	339	86	970	52	109	163	330	591	120	189
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	352	2109	339	86	970	52	109	163	330	591	120	189
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	352	2109	339	86	970	52	109	163	330	591	120	189
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	352	2109	339	86	970	52	109	163	330	591	120	189
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.37	0.19	0.03	0.17	0.03	0.06	0.04	0.19	0.19	0.06	0.11
Crit Moves:		****		****					****	****		
Green Time:	26.6	60.0	90.4	7.0	40.4	67.0	26.6	30.6	30.6	30.4	34.4	41.4
Volume/Cap:	0.59	0.86	0.30	0.55	0.59	0.06	0.33	0.20	0.86	0.86	0.26	0.36
Delay/Veh:	53.3	39.7	11.0	68.9	43.2	19.6	49.6	44.8	70.7	63.8	42.8	39.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.3	39.7	11.0	68.9	43.2	19.6	49.6	44.8	70.7	63.8	42.8	39.3
LOS by Move:	D-	D	B+	E	D	B-	D	D	E	E	D	D
HCM2k95thQ:	15	46	13	6	22	3	9	6	30	30	8	13

Note: Queue reported is the number of cars per lane.

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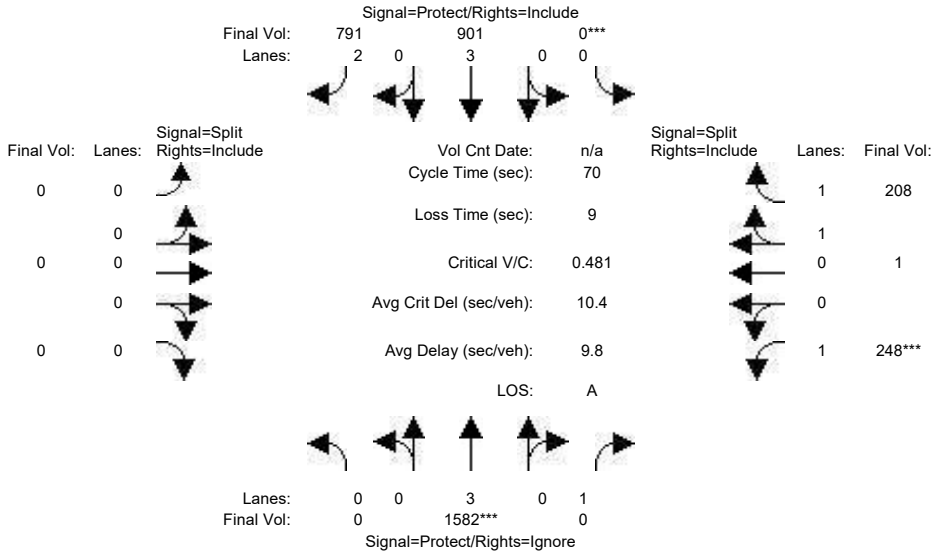
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative PM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp



Street Name:	Cottle Road						State Route 85 NB On/Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1582	651	0	901	791	0	0	0	248	1	208
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1582	651	0	901	791	0	0	0	248	1	208
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1582	651	0	901	791	0	0	0	248	1	208
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1582	0	0	901	791	0	0	0	248	1	208
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1582	0	0	901	791	0	0	0	248	1	208
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1582	0	0	901	791	0	0	0	248	1	208
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.83	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.00	3.00	1.00	0.00	3.00	2.00	0.00	0.00	0.00	1.00	0.01	1.99
Final Sat.:	0	5700	1750	0	5700	3150	0	0	0	1750	17	3583
Capacity Analysis Module:												
Vol/Sat:	0.00	0.28	0.00	0.00	0.16	0.25	0.00	0.00	0.00	0.14	0.06	0.06
Crit Moves:		****		****						****		
Green Time:	0.0	40.4	0.0	0.0	40.4	40.4	0.0	0.0	0.0	20.6	20.6	20.6
Volume/Cap:	0.00	0.48	0.00	0.00	0.27	0.44	0.00	0.00	0.00	0.48	0.20	0.20
Delay/Veh:	0.0	8.8	0.0	0.0	7.5	8.5	0.0	0.0	0.0	21.0	18.6	18.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	8.8	0.0	0.0	7.5	8.5	0.0	0.0	0.0	21.0	18.6	18.6
LOS by Move:	A	A	A	A	A	A	A	A	A	C+	B-	B-
HCM2k95thQ:	0	12	0	0	6	11	0	0	0	10	4	4

Note: Queue reported is the number of cars per lane.

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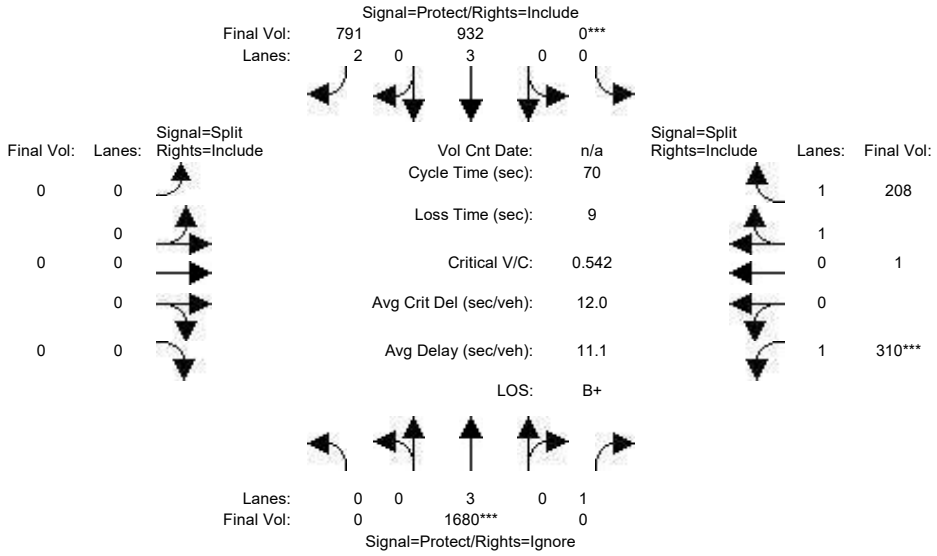
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #2: Cottle Road/State Route 85 NB On/Off-Ramp



Street Name:	Cottle Road						State Route 85 NB On/Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1582	651	0	901	791	0	0	0	248	1	208
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1582	651	0	901	791	0	0	0	248	1	208
Added Vol:	0	98	262	0	31	0	0	0	0	62	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1680	913	0	932	791	0	0	0	310	1	208
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1680	0	0	932	791	0	0	0	310	1	208
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1680	0	0	932	791	0	0	0	310	1	208
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1680	0	0	932	791	0	0	0	310	1	208
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.83	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.00	3.00	1.00	0.00	3.00	2.00	0.00	0.00	0.00	1.00	0.01	1.99
Final Sat.:	0	5700	1750	0	5700	3150	0	0	0	1750	17	3583
Capacity Analysis Module:												
Vol/Sat:	0.00	0.29	0.00	0.00	0.16	0.25	0.00	0.00	0.00	0.18	0.06	0.06
Crit Moves:		****		****						****		
Green Time:	0.0	38.1	0.0	0.0	38.1	38.1	0.0	0.0	0.0	22.9	22.9	22.9
Volume/Cap:	0.00	0.54	0.00	0.00	0.30	0.46	0.00	0.00	0.00	0.54	0.18	0.18
Delay/Veh:	0.0	10.5	0.0	0.0	8.7	9.9	0.0	0.0	0.0	20.3	16.9	16.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	10.5	0.0	0.0	8.7	9.9	0.0	0.0	0.0	20.3	16.9	16.9
LOS by Move:	A	B+	A	A	A	A	A	A	A	C+	B	B
HCM2k95thQ:	0	14	0	0	7	12	0	0	0	12	4	4

Note: Queue reported is the number of cars per lane.

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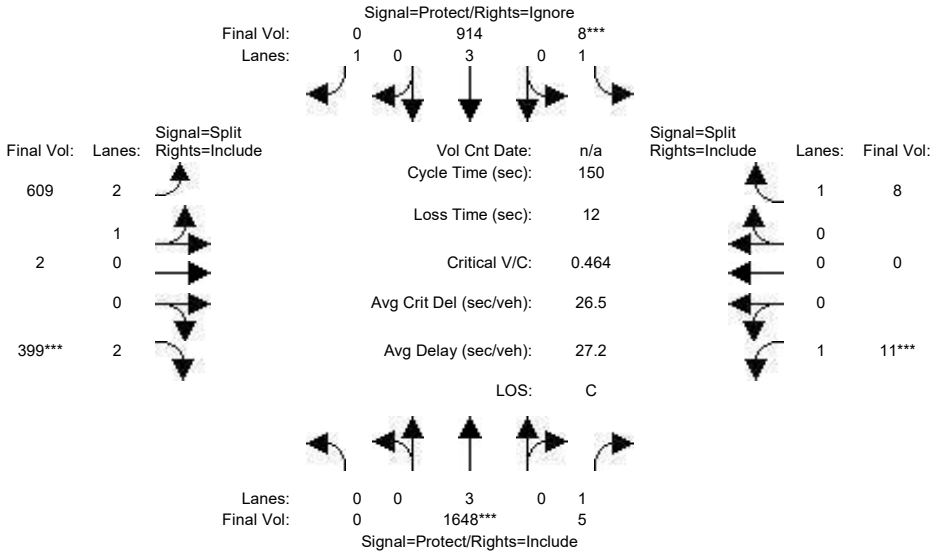
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative PM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road						State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1648	5	8	914	83	609	2	399	11	0	8
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1648	5	8	914	83	609	2	399	11	0	8
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1648	5	8	914	83	609	2	399	11	0	8
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1648	5	8	914	0	609	2	399	11	0	8
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1648	5	8	914	0	609	2	399	11	0	8
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1648	5	8	914	0	609	2	399	11	0	8
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4934	16	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.29	0.00	0.00	0.16	0.00	0.12	0.12	0.13	0.01	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	0.0	84.1	84.1	7.0	91.1	0.0	36.9	36.9	36.9	10.0	0.0	10.0
Volume/Cap:	0.00	0.52	0.01	0.10	0.26	0.00	0.50	0.50	0.52	0.09	0.00	0.07
Delay/Veh:	0.0	20.5	14.5	69.0	13.8	0.0	49.0	49.0	49.5	66.1	0.0	65.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.5	14.5	69.0	13.8	0.0	49.0	49.0	49.5	66.1	0.0	65.9
LOS by Move:	A	C+	B	E	B	A	D	D	D	E	A	E
HCM2k95thQ:	0	27	0	1	12	0	17	17	18	1	0	1

Note: Queue reported is the number of cars per lane.

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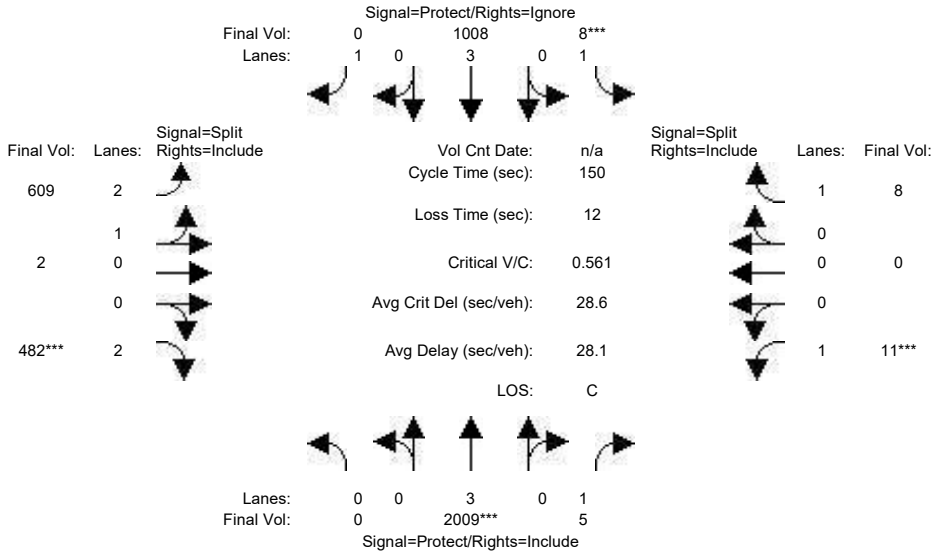
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #3: Cottle Road/State Route 85 SB Off-Ramp



Street Name:	Cottle Road						State Route 85 SB Off-Ramp					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	10	10	10	10	10	0	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1648	5	8	914	83	609	2	399	11	0	8
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1648	5	8	914	83	609	2	399	11	0	8
Added Vol:	0	361	0	0	94	0	0	0	83	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	2009	5	8	1008	83	609	2	482	11	0	8
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	2009	5	8	1008	0	609	2	482	11	0	8
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	2009	5	8	1008	0	609	2	482	11	0	8
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	2009	5	8	1008	0	609	2	482	11	0	8
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.83	0.92	1.00	0.92
Lanes:	0.00	3.00	1.00	1.00	3.00	1.00	2.99	0.01	2.00	1.00	0.00	1.00
Final Sat.:	0	5700	1750	1750	5700	1750	4934	16	3150	1750	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.35	0.00	0.00	0.18	0.00	0.12	0.12	0.15	0.01	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	0.0	84.4	84.4	7.0	91.4	0.0	36.6	36.6	36.6	10.0	0.0	10.0
Volume/Cap:	0.00	0.63	0.01	0.10	0.29	0.00	0.51	0.51	0.63	0.09	0.00	0.07
Delay/Veh:	0.0	22.6	14.4	69.0	14.0	0.0	49.2	49.2	52.2	66.1	0.0	65.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	22.6	14.4	69.0	14.0	0.0	49.2	49.2	52.2	66.1	0.0	65.9
LOS by Move:	A	C+	B	E	B	A	D	D	D-	E	A	E
HCM2k95thQ:	0	35	0	1	13	0	17	17	22	1	0	1

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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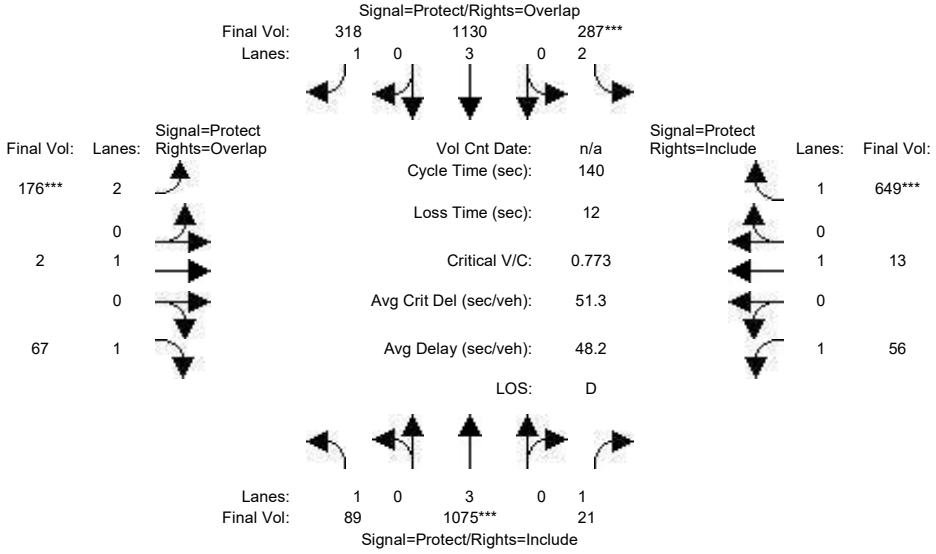
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative PM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	89	1075	21	287	1130	318	176	2	67	56	13	649
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	1075	21	287	1130	318	176	2	67	56	13	649
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	1075	21	287	1130	318	176	2	67	56	13	649
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	1075	21	287	1130	318	176	2	67	56	13	649
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	1075	21	287	1130	318	176	2	67	56	13	649
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	1075	21	287	1130	318	176	2	67	56	13	649
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.19	0.01	0.09	0.20	0.18	0.06	0.00	0.04	0.03	0.01	0.37
Crit Moves:		****		****			****					****
Green Time:	10.3	34.2	34.2	16.5	40.3	50.5	10.1	45.5	55.8	31.8	67.2	67.2
Volume/Cap:	0.69	0.77	0.05	0.77	0.69	0.50	0.77	0.00	0.10	0.14	0.01	0.77
Delay/Veh:	77.8	52.0	40.5	69.6	45.5	35.7	78.8	31.9	26.4	43.3	19.1	34.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	77.8	52.0	40.5	69.6	45.5	35.7	78.8	31.9	26.4	43.3	19.1	34.6
LOS by Move:	E-	D-	D	E	D	D+	E-	C	C	D	B-	C-
HCM2k95thQ:	8	25	1	17	26	21	12	0	4	4	1	42

Note: Queue reported is the number of cars per lane.

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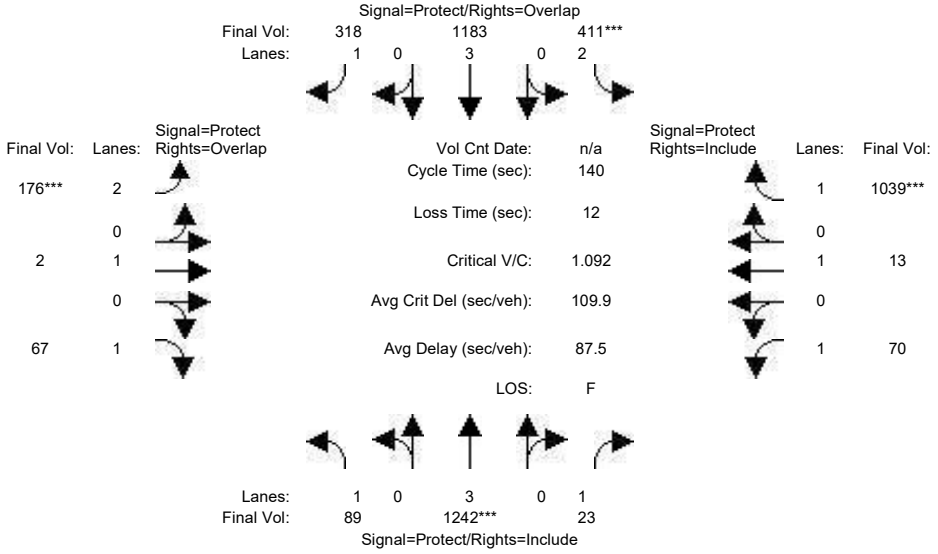
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #4: Cottle Road/Palmia Drive-Hospital Parkway



Street Name:	Cottle Road						Palmia Drive/Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	89	1075	21	287	1130	318	176	2	67	56	13	649
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	1075	21	287	1130	318	176	2	67	56	13	649
Added Vol:	0	167	2	124	53	0	0	0	0	14	0	390
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	1242	23	411	1183	318	176	2	67	70	13	1039
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	1242	23	411	1183	318	176	2	67	70	13	1039
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	1242	23	411	1183	318	176	2	67	70	13	1039
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	1242	23	411	1183	318	176	2	67	70	13	1039
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	3.00	1.00	2.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5700	1750	3150	5700	1750	3150	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.22	0.01	0.13	0.21	0.18	0.06	0.00	0.04	0.04	0.01	0.59
Crit Moves:		****		****			****					****
Green Time:	8.8	27.9	27.9	16.7	35.9	43.1	7.2	49.0	57.8	34.3	76.2	76.2
Volume/Cap:	0.81	1.09	0.07	1.09	0.81	0.59	1.09	0.00	0.09	0.16	0.01	1.09
Delay/Veh:	99.3	111	45.5	134.9	52.4	42.8	163.9	29.6	25.1	41.7	14.7	89.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	99.3	111	45.5	134.9	52.4	42.8	163.9	29.6	25.1	41.7	14.7	89.3
LOS by Move:	F	F	D	F	D-	D	F	C	C	D	B	F
HCM2k95thQ:	8	38	2	29	31	23	16	0	4	5	1	96

Note: Queue reported is the number of cars per lane.

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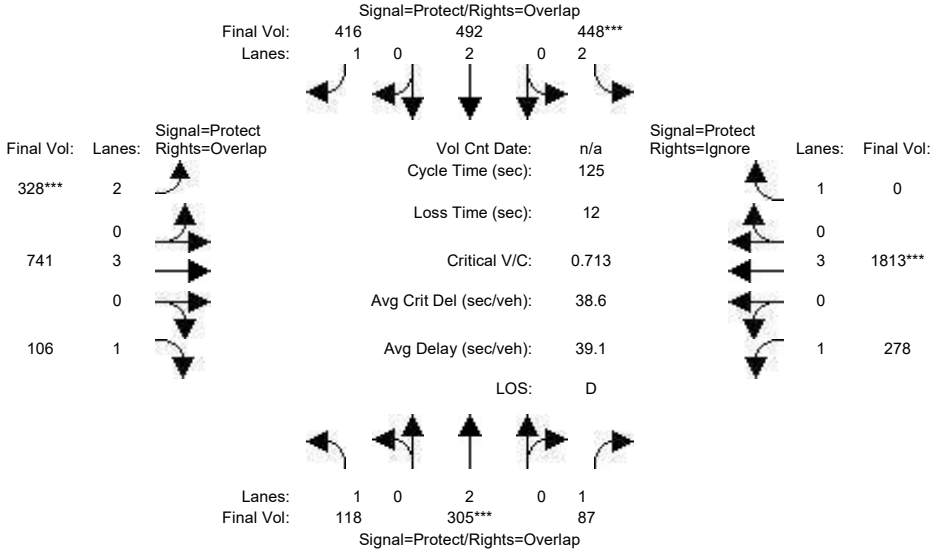
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative PM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	118	305	87	448	492	416	328	741	106	278	1813	644
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	305	87	448	492	416	328	741	106	278	1813	644
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	305	87	448	492	416	328	741	106	278	1813	644
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	118	305	87	448	492	416	328	741	106	278	1813	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	118	305	87	448	492	416	328	741	106	278	1813	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	118	305	87	448	492	416	328	741	106	278	1813	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.08	0.05	0.14	0.13	0.24	0.10	0.13	0.06	0.16	0.32	0.00
Crit Moves:		****		****			****				****	
Green Time:	13.1	14.1	54.8	24.9	25.9	44.2	18.3	33.3	46.4	40.7	55.8	0.0
Volume/Cap:	0.64	0.71	0.11	0.71	0.62	0.67	0.71	0.49	0.16	0.49	0.71	0.00
Delay/Veh:	61.4	59.1	20.8	50.6	46.7	37.2	56.1	38.9	26.4	34.5	29.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.4	59.1	20.8	50.6	46.7	37.2	56.1	38.9	26.4	34.5	29.1	0.0
LOS by Move:	E	E+	C+	D	D	D+	E+	D+	C	C-	C	A
HCM2k95thQ:	11	13	4	18	16	25	16	15	6	17	32	0

Note: Queue reported is the number of cars per lane.

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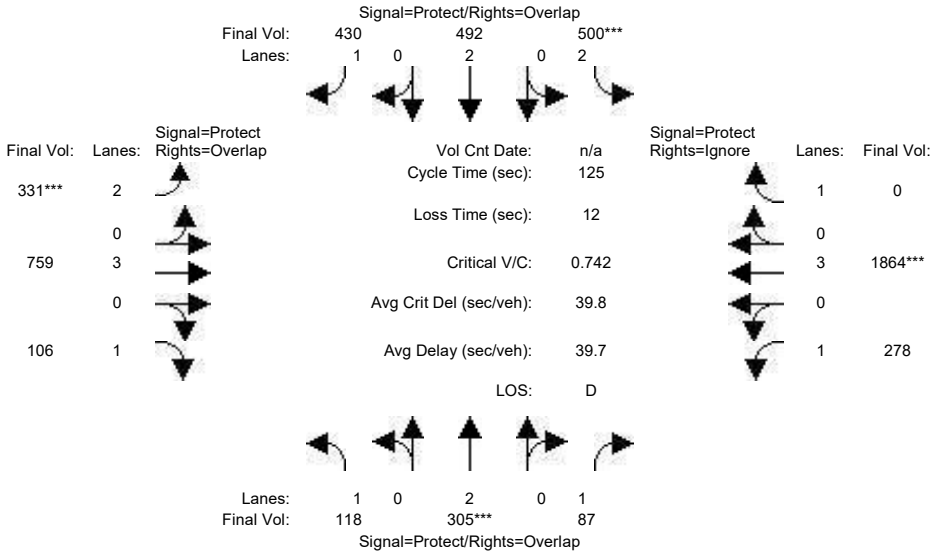
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #5: Cottle Road/Santa Teresa Boulevard



Street Name:	Cottle Road						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	118	305	87	448	492	416	328	741	106	278	1813	644
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	305	87	448	492	416	328	741	106	278	1813	644
Added Vol:	0	0	0	52	0	14	3	18	0	0	51	166
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	305	87	500	492	430	331	759	106	278	1864	810
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	118	305	87	500	492	430	331	759	106	278	1864	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	118	305	87	500	492	430	331	759	106	278	1864	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	118	305	87	500	492	430	331	759	106	278	1864	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	3150	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.08	0.05	0.16	0.13	0.25	0.11	0.13	0.06	0.16	0.33	0.00
Crit Moves:		****		****			****				****	
Green Time:	13.0	13.5	53.1	26.7	27.2	44.9	17.7	33.2	46.2	39.6	55.1	0.0
Volume/Cap:	0.65	0.74	0.12	0.74	0.59	0.68	0.74	0.50	0.16	0.50	0.74	0.00
Delay/Veh:	61.6	61.2	21.8	50.4	45.1	37.2	58.1	39.2	26.5	35.4	30.3	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.6	61.2	21.8	50.4	45.1	37.2	58.1	39.2	26.5	35.4	30.3	0.0
LOS by Move:	E	E	C+	D	D	D+	E+	D	C	D+	C	A
HCM2k95thQ:	11	14	4	19	15	26	17	16	6	17	33	0

Note: Queue reported is the number of cars per lane.

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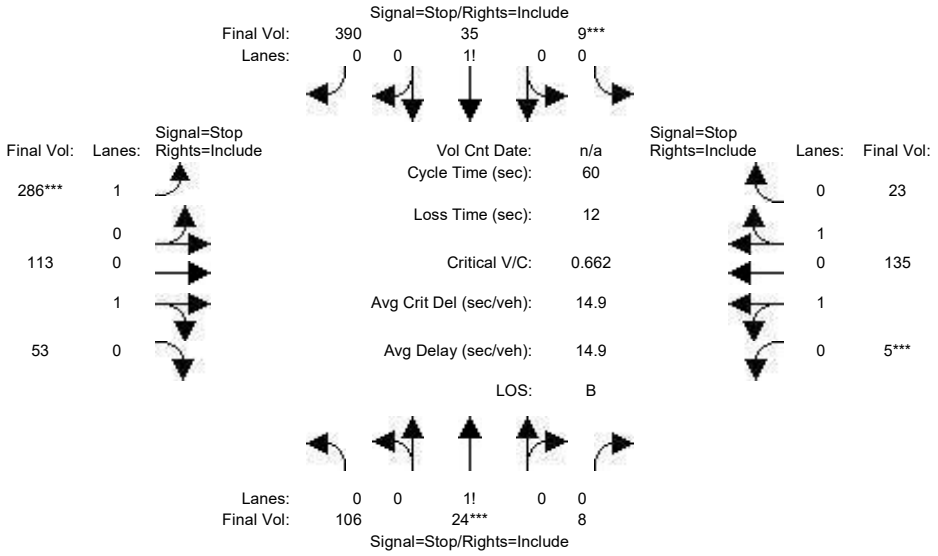
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	106	24	8	9	35	390	286	113	53	5	135	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	106	24	8	9	35	390	286	113	53	5	135	23
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	106	24	8	9	35	390	286	113	53	5	135	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	106	24	8	9	35	390	286	113	53	5	135	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	106	24	8	9	35	390	286	113	53	5	135	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	106	24	8	9	35	390	286	113	53	5	135	23
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.77	0.17	0.06	0.02	0.08	0.90	1.00	0.68	0.32	0.06	1.66	0.28
Final Sat.:	394	89	30	14	53	589	509	386	181	30	814	141
Capacity Analysis Module:												
Vol/Sat:	0.27	0.27	0.27	0.66	0.66	0.66	0.56	0.29	0.29	0.17	0.17	0.16
Crit Moves:		****		****			****			****		
Delay/Veh:	11.6	11.6	11.6	17.3	17.3	17.3	17.4	11.2	11.2	10.8	10.7	10.5
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	11.6	11.6	11.6	17.3	17.3	17.3	17.4	11.2	11.2	10.8	10.7	10.5
LOS by Move:	B	B	B	C	C	C	C	B	B	B	B	B
ApproachDel:	11.6			17.3			15.1			10.6		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	11.6			17.3			15.1			10.6		
LOS by Appr:	B			C			C			B		
AllWayAvgQ:	0.3	0.3	0.3	1.6	1.6	1.6	1.1	0.4	0.4	0.2	0.2	0.2

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour

HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.08	0.18	0.19	0.09
P[C2]:	0.15	0.06	0.08	0.18
P[C3]:	0.21	0.43	0.41	0.19
P[C4]:	0.44	0.28	0.27	0.44
P[C5]:	0.12	0.05	0.04	0.11
Padj[C1]:	0.024	0.020	0.019	0.023
Padj[C2]:	0.013	0.011	0.010	0.012
Padj[C3]:	0.001	-0.009	-0.009	0.001
Padj[C4]:	-0.025	-0.017	-0.016	-0.025
Padj[C5]:	-0.012	-0.005	-0.004	-0.011

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.136	xx.xxx	-0.518	xx.xxx	0.517	-0.206	0.048	-0.181
Volume:	138	xxxxxx	434	xxxxxx	286	166	82	82
Capacity:	513	xxxxx	656	xxxxx	509	567	484	500
DegOfUtil:	0.25	x.xx	0.64	x.xx	0.54	0.28	0.15	0.15
DepHeadway:	6.46	xx.xx	5.31	xx.xx	6.84	6.12	6.84	6.61
ServiceTime:	4.5	xx.x	3.3	xx.x	4.5	3.8	4.5	4.3
Delay:	11.6	xxx.x	17.3	xxx.x	17.4	11.2	10.8	10.5
Queue:	0.3	xxx.x	1.6	xxx.x	1.1	0.4	0.2	0.2

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	11.6	17.3	15.1	10.6
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	11.6	17.3	15.1	10.6
LOS by Appr:	B	C	C	B

OverallDel: 14.9
OverallLOS: B

Peak Hour Volume Signal Warrant Report [Urban]

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Intersection #6 International Circle/Hospital Parkway

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0 0	1! 0	0	0 0	1! 0	0	1 0	0 1	0	0 1	0 1	0
Initial Vol:	106	24	8	9	35	390	286	113	53	5	135	23

Major Street Volume: 615
Minor Approach Volume: 434
Minor Approach Volume Threshold: 452

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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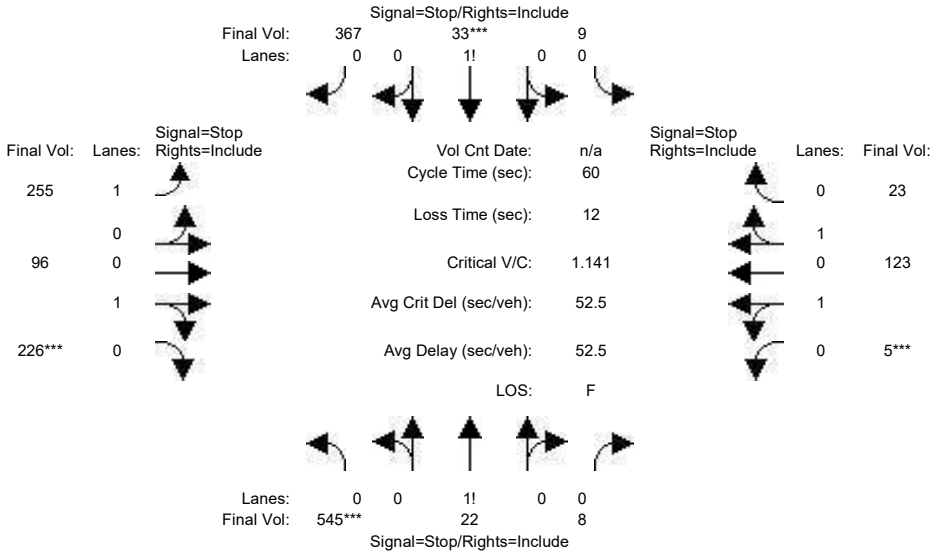
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	106	24	8	9	35	390	286	113	53	5	135	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	106	24	8	9	35	390	286	113	53	5	135	23
Added Vol:	439	-2	0	0	-2	-23	-31	-17	173	0	-12	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	545	22	8	9	33	367	255	96	226	5	123	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	545	22	8	9	33	367	255	96	226	5	123	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	545	22	8	9	33	367	255	96	226	5	123	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	545	22	8	9	33	367	255	96	226	5	123	23
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.95	0.04	0.01	0.02	0.08	0.90	1.00	0.30	0.70	0.07	1.63	0.30
Final Sat.:	478	19	7	12	43	473	433	146	345	26	649	123
Capacity Analysis Module:												
Vol/Sat:	1.14	1.14	1.14	0.78	0.78	0.78	0.59	0.66	0.66	0.19	0.19	0.19
Crit Moves:	****			****					****	****		
Delay/Veh:	110.2	110	110.2	28.6	28.6	28.6	21.9	22.4	22.4	13.3	13.1	12.9
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	110.2	110	110.2	28.6	28.6	28.6	21.9	22.4	22.4	13.3	13.1	12.9
LOS by Move:	F	F	F	D	D	D	C	C	C	B	B	B
ApproachDel:	110.2			28.6			22.2			13.1		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	110.2			28.6			22.2			13.1		
LOS by Appr:	F			D			C			B		
AllWayAvgQ:	14.0	14.0	14.0	2.8	2.8	2.8	1.3	1.7	1.7	0.2	0.2	0.2

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour				
HevVeh:	1%	1%	1%	1%
Alpha Value: 0.01				
GroupType:	2	2	5	5
P[C1]:	0.0230	0.0000	0.0000	0.0000
P[C2]:	0.0754	0.0984	0.0000	0.0000
P[C3]:	0.1454	0.0000	0.1572	0.0341
P[C4]:	0.5426	0.6230	0.5926	0.3113
P[C5]:	0.2136	0.2787	0.2502	0.6547
Padj[C1]:	0.02849	0.03082	0.03093	0.03621
Padj[C2]:	0.01796	0.01984	0.02093	0.02621
Padj[C3]:	0.00534	0.01180	0.00621	0.01518
Padj[C4]:	-0.03042	-0.03459	-0.03306	-0.01213
Padj[C5]:	-0.02136	-0.02787	-0.02502	-0.06547

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LTR	NOLANE	LTR	NOLANE	LEFT	RTTHRU	LTTHRU	RTTHRU
HeadwayAdj:	0.198	xx.xxx	-0.517	xx.xxx	0.517	-0.474	0.050	-0.196
Volume:	575	xxxxxx	409	xxxxxx	255	322	76	76
Capacity:	504	xxxxx	527	xxxxx	433	491	394	405
DegOfUtil:	1.14	x.xx	0.77	x.xx	0.58	0.65	0.18	0.18
DepHeadway:	7.14	xx.xx	6.75	xx.xx	8.25	7.26	8.68	8.43
ServiceTime:	5.1	xx.x	4.8	xx.x	6.0	5.0	6.4	6.1
Delay:	110.2	xxx.x	28.6	xxx.x	21.9	22.4	13.3	12.9
Queue:	14.0	xxx.x	2.8	xxx.x	1.3	1.7	0.2	0.2

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	110.2	28.6	22.2	13.1
Delay Adj:	1.00	1.00	1.00	1.00
ApprAdjDel:	110.2	28.6	22.2	13.1
LOS by Appr:	F	D	C	B

OverallDel: 52.5
OverallLOS: F

Peak Hour Volume Signal Warrant Report [Urban]

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Intersection #6 International Circle/Hospital Parkway

Future Volume Alternative: Peak Hour Warrant Met												
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	- T	- R	L	- T	- R	L	- T	- R	L	- T	- R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	0	0 1!	0 0	0	0 1!	0 0	1	0 0	1 0	0	1 0	1 0
Initial Vol:	545	22	8	9	33	367	255	96	226	5	123	23

Major Street Volume: 984
Minor Approach Volume: 577
Minor Approach Volume Threshold: 297

SIGNAL WARRANT DISCLAIMER
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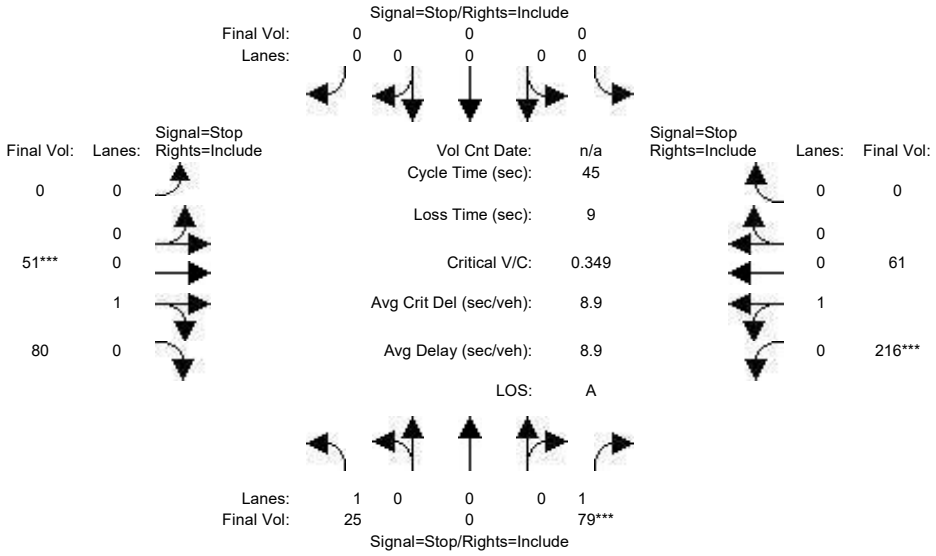
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative PM

Intersection #7: Camino Verde Drive/International Circle



Street Name:	Camino Verde Drive						International Circle					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	0	0	0	0	10	10	10	10	0
Volume Module:												
Base Vol:	25	0	79	0	0	0	0	51	80	216	61	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	0	79	0	0	0	0	51	80	216	61	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	25	0	79	0	0	0	0	51	80	216	61	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	25	0	79	0	0	0	0	51	80	216	61	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	0	79	0	0	0	0	51	80	216	61	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	0	79	0	0	0	0	51	80	216	61	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.39	0.61	0.78	0.22	0.00
Final Sat.:	583	0	723	0	0	0	0	332	521	619	175	0
Capacity Analysis Module:												
Vol/Sat:	0.04	xxxx	0.11	xxxx	xxxx	xxxx	xxxx	0.15	0.15	0.35	0.35	xxxx
Crit Moves:			****					****		****		
Delay/Veh:	8.8	0.0	7.9	0.0	0.0	0.0	0.0	7.8	7.8	9.8	9.8	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	8.8	0.0	7.9	0.0	0.0	0.0	0.0	7.8	7.8	9.8	9.8	0.0
LOS by Move:	A	*	A	*	*	*	*	A	A	A	A	*
ApproachDel:	8.1			xxxxxx			7.8			9.8		
Delay Adj:	1.00			xxxxx			1.00			1.00		
ApprAdjDel:	8.1			xxxxxx			7.8			9.8		
LOS by Appr:	A			*			A			A		
AllWayAvgQ:	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.2	0.2	0.5	0.5	0.5

Note: Queue reported is the number of cars per lane.

Time Period: 0.25 hour
HevVeh: 1% 1% 1% 1%
Alpha Value: 0.01

GroupType:	5	X	2	2
P[C1]:	0.5595	x.xxxx	0.5661	0.7330
P[C2]:	0.0000	x.xxxx	0.2950	0.1282
P[C3]:	0.3895	x.xxxx	0.0913	0.1182
P[C4]:	0.0510	x.xxxx	0.0476	0.0207
P[C5]:	0.0000	x.xxxx	0.0000	0.0000
Padj[C1]:	0.00932	xx.xxxxx	0.00620	0.00427
Padj[C2]:	0.00491	xx.xxxxx	-0.00109	0.00031
Padj[C3]:	-0.01117	xx.xxxxx	-0.00226	-0.00334
Padj[C4]:	-0.00306	xx.xxxxx	-0.00285	-0.00124
Padj[C5]:	-0.00000	xx.xxxxx	-0.00000	-0.00000

Lanes:	L1	L2	L1	L2	L1	L2	L1	L2
LaneType:	LEFT	RITE	NOLANE	NOLANE	LTR	NOLANE	LTR	NOLANE
HeadwayAdj:	0.517	-0.683	xx.xxx	xx.xxx	-0.349	xx.xxx	0.173	xx.xxx
Volume:	25	79	xxxxxx	xxxxxx	131	xxxxxx	277	xxxxxx
Capacity:	583	723	xxxxx	xxxxx	853	xxxxx	794	xxxxx
DegOfUtil:	0.04	0.10	x.xx	x.xx	0.15	x.xx	0.34	x.xx
DepHeadway:	5.86	4.67	xx.xx	xx.xx	4.09	xx.xx	4.45	xx.xx
ServiceTime:	3.6	2.4	xx.x	xx.x	2.1	xx.x	2.5	xx.x
Delay:	8.8	7.9	xxx.x	xxx.x	7.8	xxx.x	9.8	xxx.x
Queue:	0.0	0.1	xxx.x	xxx.x	0.2	xxx.x	0.5	xxx.x

Approach:	North Bound	South Bound	East Bound	West Bound
ApproachDel:	8.1	xxx.x	7.8	9.8
Delay Adj:	1.00	x.xx	1.00	1.00
ApprAdjDel:	8.1	xxx.x	7.8	9.8
LOS by Appr:	A	*	A	A

OverallDel: 8.9
OverallLOS: A

Peak Hour Volume Signal Warrant Report [Urban]

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Intersection #7 Camino Verde Drive/International Circle
****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1	0	0	0	0	0	0	1	0	0	1	0
Initial Vol:	25	0	79	0	0	0	0	51	80	216	61	0

Major Street Volume: 408
Minor Approach Volume: 104
Minor Approach Volume Threshold: 575

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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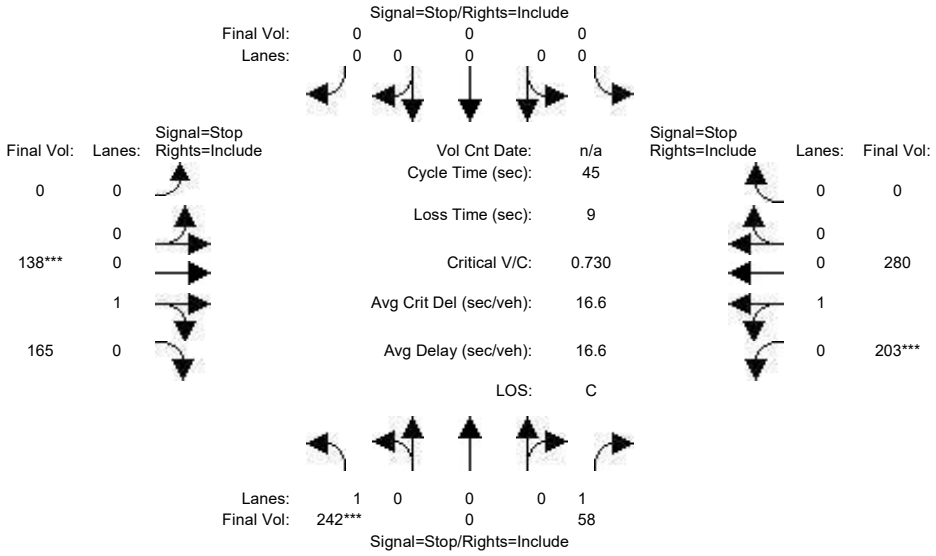
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM 4-Way Stop (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #7: Camino Verde Drive/International Circle




```
Street Name:         Camino Verde Drive              International Circle
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:   10    0   10     0    0    0     0   10   10     10   10    0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     25    0   79     0    0    0     0   51   80    216   61    0
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:  25    0   79     0    0    0     0   51   80    216   61    0
Added Vol:   217    0  -21     0    0    0     0   87   85    -13  219    0
PasserByVol:   0    0    0     0    0    0     0    0    0      0    0    0
Initial Fut: 242    0   58     0    0    0     0  138  165    203  280    0
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:  242    0   58     0    0    0     0  138  165    203  280    0
Reduct Vol:    0    0    0     0    0    0     0    0    0      0    0    0
Reduced Vol: 242    0   58     0    0    0     0  138  165    203  280    0
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume: 242    0   58     0    0    0     0  138  165    203  280    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       1.00 0.00 1.00  0.00 0.00 0.00  0.00 0.46 0.54  0.42 0.58 0.00
Final Sat.:  501    0  600     0    0    0     0  303  362    278  383    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.48 xxxx 0.10  xxxx xxxx xxxx  xxxx 0.46 0.46  0.73 0.73 xxxx
Crit Moves:  ****                                 ****        ****
Delay/Veh:   15.3  0.0  8.9   0.0  0.0  0.0    0.0 12.2 12.2  20.9 20.9  0.0
Delay Adj:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:  15.3  0.0  8.9   0.0  0.0  0.0    0.0 12.2 12.2  20.9 20.9  0.0
LOS by Move:    C    *    A     *    *    *     *    B    B     C    C    *
ApproachDel:       14.1           xxxxxx             12.2            20.9
Delay Adj:         1.00            xxxxx             1.00            1.00
ApprAdjDel:        14.1           xxxxxx             12.2            20.9
LOS by Appr:          B                *                B               C
AllWayAvgQ:  0.8  0.0  0.1   0.0  0.0  0.0    0.7  0.7  0.7   2.3  2.3  2.3
Note: Queue reported is the number of cars per lane.
-----------|---------------|---------------|---------------|---------------|
Time Period: 0.25 hour
HevVeh:            1%              1%              1%              1%
Alpha Value: 0.01
-----------|---------------|---------------|---------------|---------------|
GroupType:          5               X               2               2
P[C1]:         0.1577          x.xxxx          0.1378          0.2751
P[C2]:         0.0000          x.xxxx          0.3524          0.2150
P[C3]:         0.5268          x.xxxx          0.1433          0.2862
P[C4]:         0.3155          x.xxxx          0.3666          0.2237
P[C5]:         0.0000          x.xxxx          0.0000          0.0000
Padj[C1]:      0.02000         xx.xxxxx         0.01739         0.01459
Padj[C2]:      0.01158         xx.xxxxx         0.00524         0.00519
Padj[C3]:     -0.01265         xx.xxxxx        -0.00063        -0.00635
Padj[C4]:     -0.01893         xx.xxxxx        -0.02199        -0.01342
Padj[C5]:     -0.00000         xx.xxxxx        -0.00000        -0.00000
-----------|---------------|---------------|---------------|---------------|
Lanes:         L1      L2      L1      L2      L1      L2      L1      L2
LaneType:    LEFT    RITE   NOLANE  NOLANE    LTR   NOLANE    LTR   NOLANE
-----------|---------------|---------------|---------------|---------------|
HeadwayAdj:   0.517  -0.683   xx.xxx  xx.xxx   -0.310  xx.xxx    0.101  xx.xxx
Volume:         242      58   xxxxxx  xxxxxx      303  xxxxxx     483  xxxxxx
Capacity:       501     600    xxxxx   xxxxx      665   xxxxx     661   xxxxx
DegOfUtil:     0.46    0.09     x.xx    x.xx     0.44    x.xx     0.72    x.xx
DepHeadway:    6.86    5.67    xx.xx   xx.xx     5.22   xx.xx     5.36   xx.xx
ServiceTime:    4.6     3.4     xx.x    xx.x      3.2    xx.x      3.4    xx.x
Delay:         15.3     8.9    xxx.x   xxx.x     12.2   xxx.x     20.9   xxx.x
Queue:          0.8     0.1    xxx.x   xxx.x      0.7   xxx.x      2.3   xxx.x
-----------|---------------|---------------|---------------|---------------|
Approach:       North Bound      South Bound      East Bound       West Bound
-----------|---------------|---------------|---------------|---------------|
ApproachDel:       14.1            xxx.x            12.2            20.9
Delay Adj:         1.00             x.xx            1.00            1.00
ApprAdjDel:        14.1            xxx.x            12.2            20.9
LOS by Appr:          B                *                B               C
OverallDel:                                 16.6
OverallLOS:                                  C
            Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
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Intersection #7 Camino Verde Drive/International Circle
****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Lanes:	1	0	0	0	0	0	0	1	0	0	1	0
Initial Vol:	242	0	58	0	0	0	0	138	165	203	280	0

Major Street Volume: 786
Minor Approach Volume: 300
Minor Approach Volume Threshold: 368

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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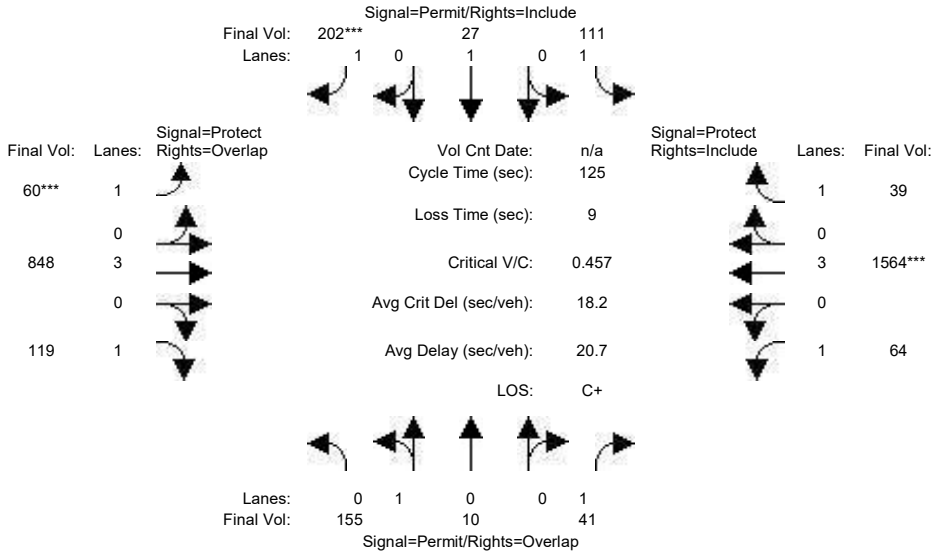
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative PM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	155	10	41	111	27	202	60	848	119	64	1564	39
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	155	10	41	111	27	202	60	848	119	64	1564	39
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	10	41	111	27	202	60	848	119	64	1564	39
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	155	10	41	111	27	202	60	848	119	64	1564	39
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	10	41	111	27	202	60	848	119	64	1564	39
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	155	10	41	111	27	202	60	848	119	64	1564	39
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.94	0.06	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1691	109	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.02	0.06	0.01	0.12	0.03	0.15	0.07	0.04	0.27	0.02
Crit Moves:						****	****				****	
Green Time:	31.6	31.6	54.7	31.6	31.6	31.6	9.4	61.3	61.3	23.1	75.1	75.1
Volume/Cap:	0.36	0.36	0.05	0.25	0.06	0.46	0.46	0.30	0.14	0.20	0.46	0.04
Delay/Veh:	38.9	38.9	20.3	37.6	35.5	40.2	57.9	19.1	17.5	43.4	13.9	10.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.9	38.9	20.3	37.6	35.5	40.2	57.9	19.1	17.5	43.4	13.9	10.2
LOS by Move:	D+	D+	C+	D+	D+	D	E+	B-	B	D	B	B+
HCM2k95thQ:	11	11	2	7	2	14	5	12	5	5	20	1

Note: Queue reported is the number of cars per lane.

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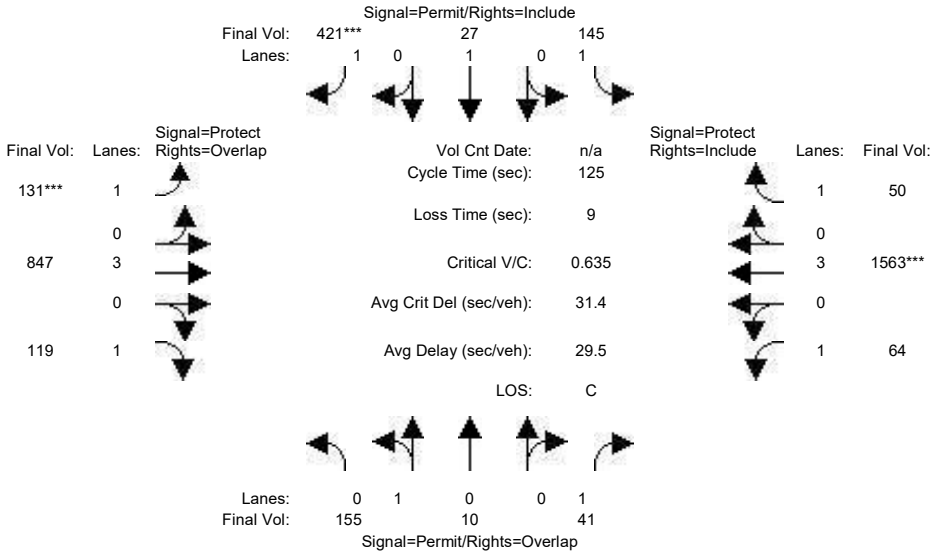
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #8: Camino Verde Drive/Santa Teresa Boulevard



Street Name:	Camino Verde Drive						Santa Teresa Boulevard					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	155	10	41	111	27	202	60	848	119	64	1564	39
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	155	10	41	111	27	202	60	848	119	64	1564	39
Added Vol:	0	0	0	34	0	219	71	-1	0	0	-1	11
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	10	41	145	27	421	131	847	119	64	1563	50
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	155	10	41	145	27	421	131	847	119	64	1563	50
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	10	41	145	27	421	131	847	119	64	1563	50
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	155	10	41	145	27	421	131	847	119	64	1563	50
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.94	0.06	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1691	109	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.02	0.08	0.01	0.24	0.07	0.15	0.07	0.04	0.27	0.03
Crit Moves:						****	****				****	
Green Time:	47.3	47.3	66.1	47.3	47.3	47.3	14.7	49.9	49.9	18.8	53.9	53.9
Volume/Cap:	0.24	0.24	0.04	0.22	0.04	0.64	0.64	0.37	0.17	0.24	0.64	0.07
Delay/Veh:	26.8	26.8	14.2	26.5	24.5	33.8	59.0	26.6	24.3	47.3	28.4	20.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.8	26.8	14.2	26.5	24.5	33.8	59.0	26.6	24.3	47.3	28.4	20.8
LOS by Move:	C	C	B	C	C	C-	E+	C	C	D	C	C+
HCM2k95thQ:	9	9	2	8	1	26	10	14	6	5	28	2

Note: Queue reported is the number of cars per lane.

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Appendix D:
Synchro Reports for All-Way Stop-Controlled Intersection Queuing

Intersection	
Intersection Delay, s/veh	25.8
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	503	182	94	4	43	33	57	56	2	1	18	125
Future Vol, veh/h	503	182	94	4	43	33	57	56	2	1	18	125
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	547	198	102	4	47	36	62	61	2	1	20	136
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	32.5	9.6	11.2	10.6
HCM LOS	D	A	B	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	50%	100%	0%	16%	0%	1%
Vol Thru, %	49%	0%	66%	84%	39%	12%
Vol Right, %	2%	0%	34%	0%	61%	87%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	115	503	276	26	55	144
LT Vol	57	503	0	4	0	1
Through Vol	56	0	182	22	22	18
RT Vol	2	0	94	0	33	125
Lane Flow Rate	125	547	300	28	59	157
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.221	0.918	0.441	0.051	0.101	0.248
Departure Headway (Hd)	6.369	6.042	5.296	6.62	6.108	5.711
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	564	601	681	540	586	628
Service Time	4.409	3.767	3.02	4.367	3.855	3.752
HCM Lane V/C Ratio	0.222	0.91	0.441	0.052	0.101	0.25
HCM Control Delay	11.2	43.7	12.1	9.7	9.5	10.6
HCM Lane LOS	B	E	B	A	A	B
HCM 95th-tile Q	0.8	11.6	2.3	0.2	0.3	1

Intersection	
Intersection Delay, s/veh	8.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	55	44	58	32	90	129
Future Vol, veh/h	55	44	58	32	90	129
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	60	48	63	35	98	140
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	8	8.5	8.4
HCM LOS	A	A	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	64%
Vol Thru, %	0%	0%	56%	36%
Vol Right, %	0%	100%	44%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	90	129	99	90
LT Vol	90	0	0	58
Through Vol	0	0	55	32
RT Vol	0	129	44	0
Lane Flow Rate	98	140	108	98
Geometry Grp	7	7	2	2
Degree of Util (X)	0.15	0.168	0.13	0.129
Departure Headway (Hd)	5.51	4.306	4.34	4.739
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	652	834	828	758
Service Time	3.233	2.028	2.361	2.76
HCM Lane V/C Ratio	0.15	0.168	0.13	0.129
HCM Control Delay	9.2	7.9	8	8.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.6	0.4	0.4

Intersection	
Intersection Delay, s/veh	19.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	286	113	53	5	135	23	106	24	8	9	35	390
Future Vol, veh/h	286	113	53	5	135	23	106	24	8	9	35	390
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	311	123	58	5	147	25	115	26	9	10	38	424
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	18.8	11.9	13.2	24.3
HCM LOS	C	B	B	C

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	77%	100%	0%	7%	0%	2%
Vol Thru, %	17%	0%	68%	93%	75%	8%
Vol Right, %	6%	0%	32%	0%	25%	90%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	138	286	166	73	91	434
LT Vol	106	286	0	5	0	9
Through Vol	24	0	113	68	68	35
RT Vol	8	0	53	0	23	390
Lane Flow Rate	150	311	180	79	98	472
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.297	0.638	0.333	0.165	0.2	0.753
Departure Headway (Hd)	7.119	7.387	6.646	7.536	7.317	5.75
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	504	488	541	475	490	627
Service Time	5.175	5.136	4.394	5.296	5.077	3.788
HCM Lane V/C Ratio	0.298	0.637	0.333	0.166	0.2	0.753
HCM Control Delay	13.2	22.3	12.7	11.8	11.9	24.3
HCM Lane LOS	B	C	B	B	B	C
HCM 95th-tile Q	1.2	4.4	1.5	0.6	0.7	6.8

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	51	80	216	61	25	79
Future Vol, veh/h	51	80	216	61	25	79
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	87	235	66	27	86
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	8	10.3	8.4
HCM LOS	A	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	78%
Vol Thru, %	0%	0%	39%	22%
Vol Right, %	0%	100%	61%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	25	79	131	277
LT Vol	25	0	0	216
Through Vol	0	0	51	61
RT Vol	0	79	80	0
Lane Flow Rate	27	86	142	301
Geometry Grp	7	7	2	2
Degree of Util (X)	0.046	0.115	0.165	0.378
Departure Headway (Hd)	6.029	4.819	4.184	4.521
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	594	744	857	798
Service Time	3.762	2.551	2.21	2.543
HCM Lane V/C Ratio	0.045	0.116	0.166	0.377
HCM Control Delay	9.1	8.2	8	10.3
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.1	0.4	0.6	1.8

Intersection	
Intersection Delay, s/veh	25.8
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	503	182	94	4	44	33	57	56	2	1	18	125
Future Vol, veh/h	503	182	94	4	44	33	57	56	2	1	18	125
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	547	198	102	4	48	36	62	61	2	1	20	136
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	32.5	9.6	11.2	10.6
HCM LOS	D	A	B	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	50%	100%	0%	15%	0%	1%
Vol Thru, %	49%	0%	66%	85%	40%	12%
Vol Right, %	2%	0%	34%	0%	60%	87%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	115	503	276	26	55	144
LT Vol	57	503	0	4	0	1
Through Vol	56	0	182	22	22	18
RT Vol	2	0	94	0	33	125
Lane Flow Rate	125	547	300	28	60	157
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.221	0.918	0.442	0.052	0.102	0.248
Departure Headway (Hd)	6.373	6.044	5.298	6.619	6.113	5.715
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	564	601	681	540	585	628
Service Time	4.413	3.769	3.022	4.367	3.86	3.755
HCM Lane V/C Ratio	0.222	0.91	0.441	0.052	0.103	0.25
HCM Control Delay	11.2	43.7	12.2	9.7	9.6	10.6
HCM Lane LOS	B	E	B	A	A	B
HCM 95th-tile Q	0.8	11.6	2.3	0.2	0.3	1

Intersection	
Intersection Delay, s/veh	8.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	55	44	58	32	90	129
Future Vol, veh/h	55	44	58	32	90	129
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	60	48	63	35	98	140
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	8	8.5	8.4
HCM LOS	A	A	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	64%
Vol Thru, %	0%	0%	56%	36%
Vol Right, %	0%	100%	44%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	90	129	99	90
LT Vol	90	0	0	58
Through Vol	0	0	55	32
RT Vol	0	129	44	0
Lane Flow Rate	98	140	108	98
Geometry Grp	7	7	2	2
Degree of Util (X)	0.15	0.168	0.13	0.129
Departure Headway (Hd)	5.51	4.306	4.34	4.739
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	652	834	828	758
Service Time	3.233	2.028	2.361	2.76
HCM Lane V/C Ratio	0.15	0.168	0.13	0.129
HCM Control Delay	9.2	7.9	8	8.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.6	0.4	0.4

Intersection	
Intersection Delay, s/veh	19.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	286	113	53	5	135	23	106	24	8	9	35	390
Future Vol, veh/h	286	113	53	5	135	23	106	24	8	9	35	390
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	311	123	58	5	147	25	115	26	9	10	38	424
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	18.8	11.9	13.2	24.3
HCM LOS	C	B	B	C

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	77%	100%	0%	7%	0%	2%
Vol Thru, %	17%	0%	68%	93%	75%	8%
Vol Right, %	6%	0%	32%	0%	25%	90%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	138	286	166	73	91	434
LT Vol	106	286	0	5	0	9
Through Vol	24	0	113	68	68	35
RT Vol	8	0	53	0	23	390
Lane Flow Rate	150	311	180	79	98	472
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.297	0.638	0.333	0.165	0.2	0.753
Departure Headway (Hd)	7.119	7.387	6.646	7.536	7.317	5.75
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	504	488	541	475	490	627
Service Time	5.175	5.136	4.394	5.296	5.077	3.788
HCM Lane V/C Ratio	0.298	0.637	0.333	0.166	0.2	0.753
HCM Control Delay	13.2	22.3	12.7	11.8	11.9	24.3
HCM Lane LOS	B	C	B	B	B	C
HCM 95th-tile Q	1.2	4.4	1.5	0.6	0.7	6.8

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	51	80	216	61	25	79
Future Vol, veh/h	51	80	216	61	25	79
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	87	235	66	27	86
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	8	10.3	8.4
HCM LOS	A	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	78%
Vol Thru, %	0%	0%	39%	22%
Vol Right, %	0%	100%	61%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	25	79	131	277
LT Vol	25	0	0	216
Through Vol	0	0	51	61
RT Vol	0	79	80	0
Lane Flow Rate	27	86	142	301
Geometry Grp	7	7	2	2
Degree of Util (X)	0.046	0.115	0.165	0.378
Departure Headway (Hd)	6.029	4.819	4.184	4.521
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	594	744	857	798
Service Time	3.762	2.551	2.21	2.543
HCM Lane V/C Ratio	0.045	0.116	0.166	0.377
HCM Control Delay	9.1	8.2	8	10.3
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.1	0.4	0.6	1.8

Intersection	
Intersection Delay, s/veh	17.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	369	109	338	3	17	33	155	47	0	1	15	76
Future Vol, veh/h	369	109	338	3	17	33	155	47	0	1	15	76
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	401	118	367	3	18	36	168	51	0	1	16	83
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	19.6	9.5	12.8	9.9
HCM LOS	C	A	B	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	77%	100%	0%	26%	0%	1%
Vol Thru, %	23%	0%	24%	74%	20%	16%
Vol Right, %	0%	0%	76%	0%	80%	83%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	202	369	447	12	42	92
LT Vol	155	369	0	3	0	1
Through Vol	47	0	109	9	9	15
RT Vol	0	0	338	0	33	76
Lane Flow Rate	220	401	486	12	45	100
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.374	0.683	0.687	0.024	0.077	0.16
Departure Headway (Hd)	6.14	6.132	5.091	6.825	6.124	5.773
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	586	590	709	525	585	622
Service Time	4.167	3.853	2.811	4.565	3.864	3.806
HCM Lane V/C Ratio	0.375	0.68	0.685	0.023	0.077	0.161
HCM Control Delay	12.8	21.1	18.3	9.7	9.4	9.9
HCM Lane LOS	B	C	C	A	A	A
HCM 95th-tile Q	1.7	5.3	5.5	0.1	0.2	0.6

Intersection	
Intersection Delay, s/veh	10.2
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	177	162	24	81	128	36
Future Vol, veh/h	177	162	24	81	128	36
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	192	176	26	88	139	39
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	10.7	8.8	10.1
HCM LOS	B	A	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	23%
Vol Thru, %	0%	0%	52%	77%
Vol Right, %	0%	100%	48%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	128	36	339	105
LT Vol	128	0	0	24
Through Vol	0	0	177	81
RT Vol	0	36	162	0
Lane Flow Rate	139	39	368	114
Geometry Grp	7	7	2	2
Degree of Util (X)	0.235	0.053	0.44	0.155
Departure Headway (Hd)	6.093	4.882	4.301	4.891
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	587	728	836	730
Service Time	3.86	2.649	2.331	2.938
HCM Lane V/C Ratio	0.237	0.054	0.44	0.156
HCM Control Delay	10.7	7.9	10.7	8.8
HCM Lane LOS	B	A	B	A
HCM 95th-tile Q	0.9	0.2	2.3	0.5

Intersection	
Intersection Delay, s/veh	19.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	286	113	53	5	135	23	106	24	8	9	35	390
Future Vol, veh/h	286	113	53	5	135	23	106	24	8	9	35	390
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	311	123	58	5	147	25	115	26	9	10	38	424
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	18.8	11.9	13.2	24.3
HCM LOS	C	B	B	C

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	77%	100%	0%	7%	0%	2%
Vol Thru, %	17%	0%	68%	93%	75%	8%
Vol Right, %	6%	0%	32%	0%	25%	90%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	138	286	166	73	91	434
LT Vol	106	286	0	5	0	9
Through Vol	24	0	113	68	68	35
RT Vol	8	0	53	0	23	390
Lane Flow Rate	150	311	180	79	98	472
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.297	0.638	0.333	0.165	0.2	0.753
Departure Headway (Hd)	7.119	7.387	6.646	7.536	7.317	5.75
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	504	488	541	475	490	627
Service Time	5.175	5.136	4.394	5.296	5.077	3.788
HCM Lane V/C Ratio	0.298	0.637	0.333	0.166	0.2	0.753
HCM Control Delay	13.2	22.3	12.7	11.8	11.9	24.3
HCM Lane LOS	B	C	B	B	B	C
HCM 95th-tile Q	1.2	4.4	1.5	0.6	0.7	6.8

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	51	80	216	61	25	79
Future Vol, veh/h	51	80	216	61	25	79
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	87	235	66	27	86
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	8	10.3	8.4
HCM LOS	A	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	78%
Vol Thru, %	0%	0%	39%	22%
Vol Right, %	0%	100%	61%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	25	79	131	277
LT Vol	25	0	0	216
Through Vol	0	0	51	61
RT Vol	0	79	80	0
Lane Flow Rate	27	86	142	301
Geometry Grp	7	7	2	2
Degree of Util (X)	0.046	0.115	0.165	0.378
Departure Headway (Hd)	6.029	4.819	4.184	4.521
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	594	744	857	798
Service Time	3.762	2.551	2.21	2.543
HCM Lane V/C Ratio	0.045	0.116	0.166	0.377
HCM Control Delay	9.1	8.2	8	10.3
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.1	0.4	0.6	1.8

Intersection	
Intersection Delay, s/veh	53.4
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	440	148	529	4	26	33	199	52	1	1	16	93
Future Vol, veh/h	440	148	529	4	26	33	199	52	1	1	16	93
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	478	161	575	4	28	36	216	57	1	1	17	101
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	68.5	10.5	15.5	10.8
HCM LOS	F	B	C	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	79%	100%	0%	24%	0%	1%
Vol Thru, %	21%	0%	22%	76%	28%	15%
Vol Right, %	0%	0%	78%	0%	72%	85%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	252	440	677	17	46	110
LT Vol	199	440	0	4	0	1
Through Vol	52	0	148	13	13	16
RT Vol	1	0	529	0	33	93
Lane Flow Rate	274	478	736	18	50	120
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.486	0.86	1.106	0.038	0.094	0.202
Departure Headway (Hd)	6.498	6.475	5.413	7.59	6.954	6.247
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	559	564	677	475	519	578
Service Time	4.498	4.177	3.115	5.29	4.654	4.247
HCM Lane V/C Ratio	0.49	0.848	1.087	0.038	0.096	0.208
HCM Control Delay	15.5	36.8	89.1	10.6	10.4	10.8
HCM Lane LOS	C	E	F	B	B	B
HCM 95th-tile Q	2.6	9.4	21.6	0.1	0.3	0.7

Intersection	
Intersection Delay, s/veh	16.1
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	273	259	36	103	156	87
Future Vol, veh/h	273	259	36	103	156	87
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	297	282	39	112	170	95
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	19.8	10.2	11.5
HCM LOS	C	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	26%
Vol Thru, %	0%	0%	51%	74%
Vol Right, %	0%	100%	49%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	156	87	532	139
LT Vol	156	0	0	36
Through Vol	0	0	273	103
RT Vol	0	87	259	0
Lane Flow Rate	170	95	578	151
Geometry Grp	7	7	2	2
Degree of Util (X)	0.322	0.147	0.74	0.233
Departure Headway (Hd)	6.826	5.608	4.605	5.544
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	529	642	775	650
Service Time	4.534	3.315	2.699	3.566
HCM Lane V/C Ratio	0.321	0.148	0.746	0.232
HCM Control Delay	12.7	9.3	19.8	10.2
HCM Lane LOS	B	A	C	B
HCM 95th-tile Q	1.4	0.5	6.7	0.9

Intersection	
Intersection Delay, s/veh	92.4
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	255	96	226	5	123	23	545	22	8	9	33	367
Future Vol, veh/h	255	96	226	5	123	23	545	22	8	9	33	367
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	277	104	246	5	134	25	592	24	9	10	36	399
Number of Lanes	1	1	0	0	2	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	31.1	15.7	205.8	47.9
HCM LOS	D	C	F	E

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	95%	100%	0%	8%	0%	2%
Vol Thru, %	4%	0%	30%	92%	73%	8%
Vol Right, %	1%	0%	70%	0%	27%	90%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	575	255	322	67	85	409
LT Vol	545	255	0	5	0	9
Through Vol	22	0	96	62	62	33
RT Vol	8	0	226	0	23	367
Lane Flow Rate	625	277	350	72	92	445
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	1.377	0.666	0.745	0.188	0.233	0.888
Departure Headway (Hd)	7.934	9.611	8.571	10.394	10.152	8.057
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	462	380	427	348	356	453
Service Time	5.942	7.311	6.271	8.094	7.852	6.057
HCM Lane V/C Ratio	1.353	0.729	0.82	0.207	0.258	0.982
HCM Control Delay	205.8	29.5	32.4	15.5	15.9	47.9
HCM Lane LOS	F	D	D	C	C	E
HCM 95th-tile Q	29.3	4.6	6	0.7	0.9	9.5

Intersection	
Intersection Delay, s/veh	21.9
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	138	165	203	280	242	58
Future Vol, veh/h	138	165	203	280	242	58
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	150	179	221	304	263	63
Number of Lanes	1	0	0	1	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	1
HCM Control Delay	14.4	29.9	16.5
HCM LOS	B	D	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1
Vol Left, %	100%	0%	0%	42%
Vol Thru, %	0%	0%	46%	58%
Vol Right, %	0%	100%	54%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	242	58	303	483
LT Vol	242	0	0	203
Through Vol	0	0	138	280
RT Vol	0	58	165	0
Lane Flow Rate	263	63	329	525
Geometry Grp	7	7	2	2
Degree of Util (X)	0.534	0.107	0.51	0.825
Departure Headway (Hd)	7.308	6.084	5.571	5.654
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	492	586	642	635
Service Time	5.077	3.852	3.644	3.717
HCM Lane V/C Ratio	0.535	0.108	0.512	0.827
HCM Control Delay	18.2	9.6	14.4	29.9
HCM Lane LOS	C	A	B	D
HCM 95th-tile Q	3.1	0.4	2.9	8.7

Appendix E:
Synchro Reports for Driveway Queuing

Intersection	
Int Delay, s/veh	4.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	59	49	162	148	122	64
Future Vol, veh/h	59	49	162	148	122	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	0	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	64	53	176	161	133	70

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	593	257	0	0	337	0
Stage 1	257	-	-	-	-	-
Stage 2	336	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	468	782	-	-	1222	-
Stage 1	786	-	-	-	-	-
Stage 2	724	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	417	782	-	-	1222	-
Mov Cap-2 Maneuver	417	-	-	-	-	-
Stage 1	786	-	-	-	-	-
Stage 2	645	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	13.7	0	5.4
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	529	1222	-
HCM Lane V/C Ratio	-	-	0.222	0.109	-
HCM Control Delay (s)	-	-	13.7	8.3	-
HCM Lane LOS	-	-	B	A	-
HCM 95th %tile Q(veh)	-	-	0.8	0.4	-

Intersection	
Int Delay, s/veh	1.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	184	124	25	90	50	0
Future Vol, veh/h	184	124	25	90	50	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	200	135	27	98	54	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	335	0	420	268
Stage 1	-	-	-	-	268	-
Stage 2	-	-	-	-	152	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1224	-	590	771
Stage 1	-	-	-	-	777	-
Stage 2	-	-	-	-	876	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1224	-	576	771
Mov Cap-2 Maneuver	-	-	-	-	576	-
Stage 1	-	-	-	-	777	-
Stage 2	-	-	-	-	856	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.7	11.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	576	-	-	1224	-
HCM Lane V/C Ratio	0.094	-	-	0.022	-
HCM Control Delay (s)	11.9	-	-	8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0.1	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	0	15	202	356	25
Future Volume (Veh/h)	0	0	15	202	356	25
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	0	16	220	387	27
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	652	400	414			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	652	400	414			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	100	100	99			
cM capacity (veh/h)	426	650	1145			

Direction, Lane #	NB 1	SB 1
Volume Total	236	414
Volume Left	16	0
Volume Right	0	27
cSH	1145	1700
Volume to Capacity	0.01	0.24
Queue Length 95th (ft)	1	0
Control Delay (s)	0.7	0.0
Lane LOS	A	
Approach Delay (s)	0.7	0.0
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	26.3%	ICU Level of Service	A
Analysis Period (min)	15		

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑			↑	↱	
Traffic Vol, veh/h	339	0	0	209	20	20
Future Vol, veh/h	339	0	0	209	20	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	368	0	0	227	22	22

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	595	368
Stage 1	-	-	-	-	368	-
Stage 2	-	-	-	-	227	-
Critical Hdwy	-	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	-	0	0	-	467	677
Stage 1	-	0	0	-	700	-
Stage 2	-	0	0	-	811	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	467	677
Mov Cap-2 Maneuver	-	-	-	-	467	-
Stage 1	-	-	-	-	700	-
Stage 2	-	-	-	-	811	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	12.1
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	553	-	-
HCM Lane V/C Ratio	0.079	-	-
HCM Control Delay (s)	12.1	-	-
HCM Lane LOS	B	-	-
HCM 95th %tile Q(veh)	0.3	-	-

Intersection	
Int Delay, s/veh	6.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	153	126	67	67	55	269
Future Vol, veh/h	153	126	67	67	55	269
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	0	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	166	137	73	73	60	292

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	522	110	0	0	146	0
Stage 1	110	-	-	-	-	-
Stage 2	412	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	515	943	-	-	1436	-
Stage 1	915	-	-	-	-	-
Stage 2	669	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	493	943	-	-	1436	-
Mov Cap-2 Maneuver	493	-	-	-	-	-
Stage 1	915	-	-	-	-	-
Stage 2	641	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	16	0	1.3
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	628	1436	-
HCM Lane V/C Ratio	-	-	0.483	0.042	-
HCM Control Delay (s)	-	-	16	7.6	-
HCM Lane LOS	-	-	C	A	-
HCM 95th %tile Q(veh)	-	-	2.6	0.1	-

Intersection	
Int Delay, s/veh	3

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	130	56	0	277	128	0
Future Vol, veh/h	130	56	0	277	128	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	141	61	0	301	139	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	202	0	473	172
Stage 1	-	-	-	-	172	-
Stage 2	-	-	-	-	301	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1370	-	550	872
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	751	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1370	-	550	872
Mov Cap-2 Maneuver	-	-	-	-	550	-
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	751	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	13.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	550	-	-	1370	-
HCM Lane V/C Ratio	0.253	-	-	-	-
HCM Control Delay (s)	13.7	-	-	0	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	1	-	-	0	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	0	10	385	196	15
Future Volume (Veh/h)	0	0	10	385	196	15
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	0	11	418	213	16
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	661	221	229			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	661	221	229			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	100	100	99			
cM capacity (veh/h)	424	819	1339			

Direction, Lane #	NB 1	SB 1
Volume Total	429	229
Volume Left	11	0
Volume Right	0	16
cSH	1339	1700
Volume to Capacity	0.01	0.13
Queue Length 95th (ft)	1	0
Control Delay (s)	0.3	0.0
Lane LOS	A	
Approach Delay (s)	0.3	0.0
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	31.6%	ICU Level of Service	A
Analysis Period (min)	15		

Intersection	
Int Delay, s/veh	0.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	234	0	0	333	15	10
Future Vol, veh/h	234	0	0	333	15	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	254	0	0	362	16	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	616	254
Stage 1	-	-	-	-	254	-
Stage 2	-	-	-	-	362	-
Critical Hdwy	-	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	-	0	0	-	454	785
Stage 1	-	0	0	-	788	-
Stage 2	-	0	0	-	704	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	454	785
Mov Cap-2 Maneuver	-	-	-	-	454	-
Stage 1	-	-	-	-	788	-
Stage 2	-	-	-	-	704	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	11.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	546	-	-
HCM Lane V/C Ratio	0.05	-	-
HCM Control Delay (s)	11.9	-	-
HCM Lane LOS	B	-	-
HCM 95th %tile Q(veh)	0.2	-	-

Intersection	
Int Delay, s/veh	6.9

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	86	71	219	264	218	77
Future Vol, veh/h	86	71	219	264	218	77
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	0	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	93	77	238	287	237	84

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	940	382	0	0	525	0
Stage 1	382	-	-	-	-	-
Stage 2	558	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	293	665	-	-	1042	-
Stage 1	690	-	-	-	-	-
Stage 2	573	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	226	665	-	-	1042	-
Mov Cap-2 Maneuver	226	-	-	-	-	-
Stage 1	690	-	-	-	-	-
Stage 2	443	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	28.1	0	7
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	322	1042	-
HCM Lane V/C Ratio	-	-	0.53	0.227	-
HCM Control Delay (s)	-	-	28.1	9.5	-
HCM Lane LOS	-	-	D	A	-
HCM 95th %tile Q(veh)	-	-	2.9	0.9	-

Intersection	
Int Delay, s/veh	2.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	184	221	40	90	72	0
Future Vol, veh/h	184	221	40	90	72	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	200	240	43	98	78	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	440	0	504	320
Stage 1	-	-	-	-	320	-
Stage 2	-	-	-	-	184	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1120	-	528	721
Stage 1	-	-	-	-	736	-
Stage 2	-	-	-	-	848	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1120	-	506	721
Mov Cap-2 Maneuver	-	-	-	-	506	-
Stage 1	-	-	-	-	736	-
Stage 2	-	-	-	-	813	-

Approach	EB	WB	NB
HCM Control Delay, s	0	2.6	13.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	506	-	-	1120	-
HCM Lane V/C Ratio	0.155	-	-	0.039	-
HCM Control Delay (s)	13.4	-	-	8.3	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.5	-	-	0.1	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	0	25	252	548	35
Future Volume (Veh/h)	0	0	25	252	548	35
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	0	27	274	596	38
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	943	615	634			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	943	615	634			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	100	100	97			
cM capacity (veh/h)	283	491	949			

Direction, Lane #	NB 1	SB 1
Volume Total	301	634
Volume Left	27	0
Volume Right	0	38
cSH	949	1700
Volume to Capacity	0.03	0.37
Queue Length 95th (ft)	2	0
Control Delay (s)	1.1	0.0
Lane LOS	A	
Approach Delay (s)	1.1	0.0
Approach LOS		

Intersection Summary				
Average Delay	0.3			
Intersection Capacity Utilization	37.4%	ICU Level of Service	A	
Analysis Period (min)	15			

Intersection	
Int Delay, s/veh	1.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	531	0	0	259	30	30
Future Vol, veh/h	531	0	0	259	30	30
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	577	0	0	282	33	33

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	859	577
Stage 1	-	-	-	-	577	-
Stage 2	-	-	-	-	282	-
Critical Hdwy	-	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	-	0	0	-	327	516
Stage 1	-	0	0	-	562	-
Stage 2	-	0	0	-	766	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	327	516
Mov Cap-2 Maneuver	-	-	-	-	327	-
Stage 1	-	-	-	-	562	-
Stage 2	-	-	-	-	766	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	15.7
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	400	-	-
HCM Lane V/C Ratio	0.163	-	-
HCM Control Delay (s)	15.7	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0.6	-	-

Intersection	
Int Delay, s/veh	34.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	267	219	86	105	87	326
Future Vol, veh/h	267	219	86	105	87	326
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	0	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	290	238	93	114	95	354

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	694	150	0	0	207	0
Stage 1	150	-	-	-	-	-
Stage 2	544	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	409	896	-	-	1364	-
Stage 1	878	-	-	-	-	-
Stage 2	582	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	380	896	-	-	1364	-
Mov Cap-2 Maneuver	380	-	-	-	-	-
Stage 1	878	-	-	-	-	-
Stage 2	541	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	76.1	0	1.7
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	513	1364	-
HCM Lane V/C Ratio	-	-	1.03	0.069	-
HCM Control Delay (s)	-	-	76.1	7.8	-
HCM Lane LOS	-	-	F	A	-
HCM 95th %tile Q(veh)	-	-	15.1	0.2	-

Intersection	
Int Delay, s/veh	5.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	130	88	15	277	223	0
Future Vol, veh/h	130	88	15	277	223	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	141	96	16	301	242	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	237	0	522	189
Stage 1	-	-	-	-	189	-
Stage 2	-	-	-	-	333	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1330	-	515	853
Stage 1	-	-	-	-	843	-
Stage 2	-	-	-	-	726	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1330	-	508	853
Mov Cap-2 Maneuver	-	-	-	-	508	-
Stage 1	-	-	-	-	843	-
Stage 2	-	-	-	-	716	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.4	18.4
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	508	-	-	1330	-
HCM Lane V/C Ratio	0.477	-	-	0.012	-
HCM Control Delay (s)	18.4	-	-	7.7	0
HCM Lane LOS	C	-	-	A	A
HCM 95th %tile Q(veh)	2.5	-	-	0	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	0	15	574	264	20
Future Volume (Veh/h)	0	0	15	574	264	20
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	0	16	624	287	22
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	954	298	309			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	954	298	309			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	100	100	99			
cM capacity (veh/h)	283	741	1252			

Direction, Lane #	NB 1	SB 1
Volume Total	640	309
Volume Left	16	0
Volume Right	0	22
cSH	1252	1700
Volume to Capacity	0.01	0.18
Queue Length 95th (ft)	1	0
Control Delay (s)	0.4	0.0
Lane LOS	A	
Approach Delay (s)	0.4	0.0
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	45.6%	ICU Level of Service	A
Analysis Period (min)	15		

Intersection	
Int Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑			↑	↱	
Traffic Vol, veh/h	302	0	0	522	20	15
Future Vol, veh/h	302	0	0	522	20	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	328	0	0	567	22	16

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	895	328
Stage 1	-	-	-	-	328	-
Stage 2	-	-	-	-	567	-
Critical Hdwy	-	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	-	0	0	-	311	713
Stage 1	-	0	0	-	730	-
Stage 2	-	0	0	-	568	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	311	713
Mov Cap-2 Maneuver	-	-	-	-	311	-
Stage 1	-	-	-	-	730	-
Stage 2	-	-	-	-	568	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	14.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	410	-	-
HCM Lane V/C Ratio	0.093	-	-
HCM Control Delay (s)	14.7	-	-
HCM Lane LOS	B	-	-
HCM 95th %tile Q(veh)	0.3	-	-

Appendix F:
SIDRA Reports for International Intersection Roundabout

MOVEMENT SUMMARY

Site: 6 [International Circle/Hospital Parkway Background Plus Project AM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: International Circle														
3	L2	155	1.0	168	1.0	0.246	6.5	LOS A	1.0	24.9	0.53	0.50	0.53	13.8
8	T1	47	1.0	51	1.0	0.246	6.5	LOS A	1.0	24.9	0.53	0.50	0.53	13.4
18	R2	1	1.0	1	1.0	0.246	6.5	LOS A	1.0	24.9	0.53	0.50	0.53	16.2
Approach		203	1.0	221	1.0	0.246	6.5	LOS A	1.0	24.9	0.53	0.50	0.53	13.7
East: Hospital Parkway														
1	L2	3	1.0	3	1.0	0.030	5.3	LOS A	0.1	2.5	0.51	0.42	0.51	17.8
6	T1	17	1.0	18	1.0	0.030	5.3	LOS A	0.1	2.5	0.51	0.42	0.51	24.0
16	R2	33	1.0	36	1.0	0.045	4.9	LOS A	0.2	3.8	0.50	0.42	0.50	18.5
Approach		53	1.0	58	1.0	0.045	5.1	LOS A	0.2	3.8	0.50	0.42	0.50	20.4
North: International Circle														
7	L2	1	1.0	1	1.0	0.084	3.7	LOS A	0.3	8.0	0.29	0.17	0.29	15.3
4	T1	15	1.0	16	1.0	0.084	3.7	LOS A	0.3	8.0	0.29	0.17	0.29	15.6
14	R2	76	1.0	83	1.0	0.084	3.7	LOS A	0.3	8.0	0.29	0.17	0.29	21.2
Approach		92	1.0	100	1.0	0.084	3.7	LOS A	0.3	8.0	0.29	0.17	0.29	20.4
West: Hospital Parkway														
5	L2	369	1.0	401	1.0	0.309	5.6	LOS A	1.6	40.1	0.11	0.03	0.11	17.0
2	T1	109	1.0	118	1.0	0.356	5.9	LOS A	1.9	48.0	0.11	0.03	0.11	23.1
12	R2	338	1.0	367	1.0	0.356	5.9	LOS A	1.9	48.0	0.11	0.03	0.11	19.2
Approach		816	1.0	887	1.0	0.356	5.7	LOS A	1.9	48.0	0.11	0.03	0.11	18.4
All Vehicles		1164	1.0	1265	1.0	0.356	5.7	LOS A	1.9	48.0	0.22	0.14	0.22	17.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

Site: 6 [International Circle/Hospital Parkway Background Plus Project PM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: International Circle														
3	L2	358	1.0	398	1.0	0.416	8.0	LOS A	2.1	51.7	0.54	0.47	0.54	13.1
8	T1	20	1.0	22	1.0	0.416	8.0	LOS A	2.1	51.7	0.54	0.47	0.54	12.6
18	R2	7	1.0	8	1.0	0.416	8.0	LOS A	2.1	51.7	0.54	0.47	0.54	15.2
Approach		385	1.0	428	1.0	0.416	8.0	LOS A	2.1	51.7	0.54	0.47	0.54	13.1
East: Hospital Parkway														
1	L2	4	1.0	4	1.0	0.085	6.1	LOS A	0.3	7.5	0.55	0.51	0.55	17.4
6	T1	85	1.0	94	1.0	0.085	5.9	LOS A	0.3	7.5	0.54	0.50	0.54	23.7
16	R2	23	1.0	26	1.0	0.085	5.6	LOS A	0.3	7.4	0.53	0.48	0.53	19.0
Approach		112	1.0	124	1.0	0.085	5.8	LOS A	0.3	7.5	0.54	0.50	0.54	22.6
North: International Circle														
7	L2	9	1.0	10	1.0	0.408	8.6	LOS A	2.1	52.4	0.59	0.63	0.67	12.7
4	T1	29	1.0	32	1.0	0.408	8.6	LOS A	2.1	52.4	0.59	0.63	0.67	12.0
14	R2	298	1.0	331	1.0	0.408	8.6	LOS A	2.1	52.4	0.59	0.63	0.67	17.1
Approach		336	1.0	373	1.0	0.408	8.6	LOS A	2.1	52.4	0.59	0.63	0.67	16.6
West: Hospital Parkway														
5	L2	232	1.0	258	1.0	0.202	4.6	LOS A	0.9	22.9	0.16	0.06	0.16	17.6
2	T1	84	1.0	93	1.0	0.205	4.4	LOS A	0.9	22.7	0.15	0.06	0.15	24.8
12	R2	164	1.0	182	1.0	0.205	4.4	LOS A	0.9	22.7	0.15	0.06	0.15	20.8
Approach		480	1.0	533	1.0	0.205	4.5	LOS A	0.9	22.9	0.15	0.06	0.15	19.5
All Vehicles		1313	1.0	1459	1.0	0.416	6.7	LOS A	2.1	52.4	0.41	0.36	0.43	16.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

Site: 6 [International Circle/Hospital Parkway Cumulative Plus Project AM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: International Circle														
3	L2	199	1.0	216	1.0	0.338	8.4	LOS A	1.4	36.4	0.61	0.62	0.63	13.1
8	T1	52	1.0	57	1.0	0.338	8.4	LOS A	1.4	36.4	0.61	0.62	0.63	12.5
18	R2	1	1.0	1	1.0	0.338	8.4	LOS A	1.4	36.4	0.61	0.62	0.63	15.2
Approach		252	1.0	274	1.0	0.338	8.4	LOS A	1.4	36.4	0.61	0.62	0.63	13.0
East: Hospital Parkway														
1	L2	4	1.0	4	1.0	0.050	6.1	LOS A	0.2	4.3	0.56	0.51	0.56	17.2
6	T1	26	1.0	28	1.0	0.050	6.1	LOS A	0.2	4.3	0.56	0.51	0.56	23.2
16	R2	33	1.0	36	1.0	0.050	5.5	LOS A	0.2	4.2	0.54	0.48	0.54	18.0
Approach		63	1.0	68	1.0	0.050	5.8	LOS A	0.2	4.3	0.55	0.50	0.55	20.3
North: International Circle														
7	L2	1	1.0	1	1.0	0.105	4.1	LOS A	0.4	10.1	0.34	0.23	0.34	15.0
4	T1	16	1.0	17	1.0	0.105	4.1	LOS A	0.4	10.1	0.34	0.23	0.34	15.3
14	R2	93	1.0	101	1.0	0.105	4.1	LOS A	0.4	10.1	0.34	0.23	0.34	20.9
Approach		110	1.0	120	1.0	0.105	4.1	LOS A	0.4	10.1	0.34	0.23	0.34	20.1
West: Hospital Parkway														
5	L2	440	1.0	478	1.0	0.371	6.3	LOS A	2.1	52.2	0.13	0.04	0.13	16.6
2	T1	148	1.0	161	1.0	0.542	8.5	LOS A	3.9	99.3	0.16	0.05	0.16	20.6
12	R2	529	1.0	575	1.0	0.542	8.5	LOS A	3.9	99.3	0.16	0.05	0.16	17.1
Approach		1117	1.0	1214	1.0	0.542	7.6	LOS A	3.9	99.3	0.15	0.05	0.15	17.3
All Vehicles		1542	1.0	1676	1.0	0.542	7.4	LOS A	3.9	99.3	0.25	0.17	0.26	16.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

Site: 6 [International Circle/Hospital Parkway Cumulative Plus Project PM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: International Circle														
3	L2	545	1.0	606	1.0	0.642	13.1	LOS B	7.1	180.1	0.72	1.02	1.20	11.6
8	T1	22	1.0	24	1.0	0.642	13.1	LOS B	7.1	180.1	0.72	1.02	1.20	10.8
18	R2	8	1.0	9	1.0	0.642	13.1	LOS B	7.1	180.1	0.72	1.02	1.20	12.9
Approach		575	1.0	639	1.0	0.642	13.1	LOS B	7.1	180.1	0.72	1.02	1.20	11.6
East: Hospital Parkway														
1	L2	5	1.0	6	1.0	0.138	8.0	LOS A	0.5	12.3	0.62	0.62	0.62	16.0
6	T1	123	1.0	137	1.0	0.138	7.6	LOS A	0.5	12.3	0.61	0.61	0.61	22.1
16	R2	23	1.0	26	1.0	0.138	7.2	LOS A	0.5	12.2	0.60	0.60	0.60	17.8
Approach		151	1.0	168	1.0	0.138	7.6	LOS A	0.5	12.3	0.61	0.61	0.61	21.3
North: International Circle														
7	L2	9	1.0	10	1.0	0.616	15.5	LOS C	4.7	118.6	0.77	1.11	1.36	10.3
4	T1	33	1.0	37	1.0	0.616	15.5	LOS C	4.7	118.6	0.77	1.11	1.36	9.2
14	R2	367	1.0	408	1.0	0.616	15.5	LOS C	4.7	118.6	0.77	1.11	1.36	13.5
Approach		409	1.0	454	1.0	0.616	15.5	LOS C	4.7	118.6	0.77	1.11	1.36	13.1
West: Hospital Parkway														
5	L2	255	1.0	283	1.0	0.224	4.8	LOS A	1.0	25.9	0.17	0.07	0.17	17.4
2	T1	96	1.0	107	1.0	0.268	5.0	LOS A	1.3	31.8	0.17	0.07	0.17	24.1
12	R2	226	1.0	251	1.0	0.268	5.0	LOS A	1.3	31.8	0.17	0.07	0.17	20.1
Approach		577	1.0	641	1.0	0.268	4.9	LOS A	1.3	31.8	0.17	0.07	0.17	19.2
All Vehicles		1712	1.0	1902	1.0	0.642	10.4	LOS B	7.1	180.1	0.54	0.69	0.84	14.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

Site: 7 [International Circle/Camino Verde Drive Background Plus Project AM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: Camino Verde Drive														
3	L2	128	4.0	151	4.0	0.181	5.0	LOS A	0.8	21.2	0.39	0.26	0.39	11.8
18	R2	36	4.0	42	4.0	0.181	5.0	LOS A	0.8	21.2	0.39	0.26	0.39	16.6
Approach		164	4.0	193	4.0	0.181	5.0	LOS A	0.8	21.2	0.39	0.26	0.39	12.8
East: International Circle														
1	L2	24	4.0	28	4.0	0.111	4.2	LOS A	0.5	12.2	0.31	0.17	0.31	19.1
6	T1	81	4.0	95	4.0	0.111	4.2	LOS A	0.5	12.2	0.31	0.17	0.31	17.2
Approach		105	4.0	124	4.0	0.111	4.2	LOS A	0.5	12.2	0.31	0.17	0.31	17.7
West: International Circle														
2	T1	177	4.0	208	4.0	0.312	5.6	LOS A	1.8	45.2	0.15	0.05	0.15	16.3
12	R2	162	4.0	191	4.0	0.312	5.6	LOS A	1.8	45.2	0.15	0.05	0.15	16.7
Approach		339	4.0	399	4.0	0.312	5.6	LOS A	1.8	45.2	0.15	0.05	0.15	16.5
All Vehicles		608	4.0	715	4.0	0.312	5.2	LOS A	1.8	45.2	0.24	0.13	0.24	15.3

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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MOVEMENT SUMMARY

Site: 7 [International Circle/Camino Verde Drive Background Plus Project PM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: Camino Verde Drive														
3	L2	146	3.0	192	3.0	0.214	5.0	LOS A	1.0	26.6	0.33	0.19	0.33	11.8
18	R2	42	3.0	55	3.0	0.214	5.0	LOS A	1.0	26.6	0.33	0.19	0.33	16.6
Approach		188	3.0	247	3.0	0.214	5.0	LOS A	1.0	26.6	0.33	0.19	0.33	12.8
East: International Circle														
1	L2	153	3.0	201	3.0	0.413	7.7	LOS A	2.4	61.2	0.47	0.33	0.47	16.7
6	T1	187	3.0	246	3.0	0.413	7.7	LOS A	2.4	61.2	0.47	0.33	0.47	14.5
Approach		340	3.0	447	3.0	0.413	7.7	LOS A	2.4	61.2	0.47	0.33	0.47	15.6
West: International Circle														
2	T1	106	3.0	139	3.0	0.285	6.1	LOS A	1.4	37.0	0.42	0.29	0.42	15.9
12	R2	128	3.0	168	3.0	0.285	6.1	LOS A	1.4	37.0	0.42	0.29	0.42	16.3
Approach		234	3.0	308	3.0	0.285	6.1	LOS A	1.4	37.0	0.42	0.29	0.42	16.1
All Vehicles		762	3.0	1003	3.0	0.413	6.5	LOS A	2.4	61.2	0.42	0.28	0.42	14.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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MOVEMENT SUMMARY

Site: 7 [International Circle/Camino Verde Drive Cumultaive Plus Project AM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: Camino Verde Drive														
3	L2	156	4.0	184	4.0	0.303	7.0	LOS A	1.5	37.8	0.52	0.43	0.52	11.2
18	R2	87	4.0	102	4.0	0.303	7.0	LOS A	1.5	37.8	0.52	0.43	0.52	15.8
Approach		243	4.0	286	4.0	0.303	7.0	LOS A	1.5	37.8	0.52	0.43	0.52	12.8
East: International Circle														
1	L2	36	4.0	42	4.0	0.154	4.8	LOS A	0.7	17.2	0.35	0.22	0.35	18.7
6	T1	103	4.0	121	4.0	0.154	4.8	LOS A	0.7	17.2	0.35	0.22	0.35	16.7
Approach		139	4.0	164	4.0	0.154	4.8	LOS A	0.7	17.2	0.35	0.22	0.35	17.3
West: International Circle														
2	T1	273	4.0	321	4.0	0.497	8.1	LOS A	3.6	93.4	0.25	0.10	0.25	14.7
12	R2	259	4.0	305	4.0	0.497	8.1	LOS A	3.6	93.4	0.25	0.10	0.25	15.1
Approach		532	4.0	626	4.0	0.497	8.1	LOS A	3.6	93.4	0.25	0.10	0.25	14.9
All Vehicles		914	4.0	1075	4.0	0.497	7.3	LOS A	3.6	93.4	0.34	0.21	0.34	14.5

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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MOVEMENT SUMMARY

Site: 7 [International Circle/Camino Verde Drive Cumulative Plus Project PM HCM 6 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
South: Camino Verde Drive														
3	L2	242	3.0	318	3.0	0.357	6.8	LOS A	2.0	50.7	0.43	0.29	0.43	11.2
18	R2	58	3.0	76	3.0	0.357	6.8	LOS A	2.0	50.7	0.43	0.29	0.43	15.7
Approach		300	3.0	395	3.0	0.357	6.8	LOS A	2.0	50.7	0.43	0.29	0.43	12.1
East: International Circle														
1	L2	203	3.0	267	3.0	0.671	14.6	LOS B	8.8	224.6	0.76	1.06	1.26	13.9
6	T1	280	3.0	368	3.0	0.671	14.6	LOS B	8.8	224.6	0.76	1.06	1.26	11.6
Approach		483	3.0	636	3.0	0.671	14.6	LOS B	8.8	224.6	0.76	1.06	1.26	12.7
West: International Circle														
2	T1	138	3.0	182	3.0	0.396	7.9	LOS A	2.2	55.4	0.53	0.42	0.53	14.8
12	R2	165	3.0	217	3.0	0.396	7.9	LOS A	2.2	55.4	0.53	0.42	0.53	15.2
Approach		303	3.0	399	3.0	0.396	7.9	LOS A	2.2	55.4	0.53	0.42	0.53	15.0
All Vehicles		1086	3.0	1429	3.0	0.671	10.6	LOS B	8.8	224.6	0.61	0.67	0.83	13.0

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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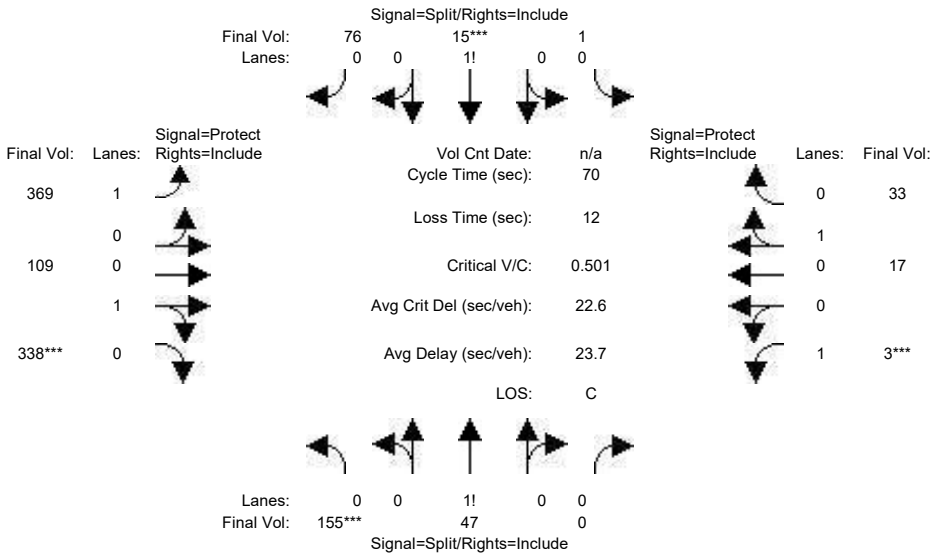
Appendix G:
TAFFIX Reports for International Intersection Signalization

Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle				Hospital Parkway			
Approach:	North Bound		South Bound		East Bound		West Bound	
Movement:	L - T - R		L - T - R		L - T - R		L - T - R	
Min. Green:	10 10 10		10 10 10		7 10 10		7 10 10	
Y+R:	4.0 4.0 4.0		4.0 4.0 4.0		4.0 4.0 4.0		4.0 4.0 4.0	
Volume Module:								
Base Vol:	57 56 2		1 18 125		503 182 94		4 44 33	
Growth Adj:	1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00	
Initial Bse:	57 56 2		1 18 125		503 182 94		4 44 33	
Added Vol:	98 -9 -2		0 -3 -49		-134 -73 244		-1 -27 0	
PasserByVol:	0 0 0		0 0 0		0 0 0		0 0 0	
Initial Fut:	155 47 0		1 15 76		369 109 338		3 17 33	
User Adj:	1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00	
PHF Adj:	1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00	
PHF Volume:	155 47 0		1 15 76		369 109 338		3 17 33	
Reduct Vol:	0 0 0		0 0 0		0 0 0		0 0 0	
Reduced Vol:	155 47 0		1 15 76		369 109 338		3 17 33	
PCE Adj:	1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00	
MLF Adj:	1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00	
FinalVolume:	155 47 0		1 15 76		369 109 338		3 17 33	
Saturation Flow Module:								
Sat/Lane:	1900 1900 1900		1900 1900 1900		1900 1900 1900		1900 1900 1900	
Adjustment:	0.95 0.95 0.92		0.92 0.92 0.92		0.92 0.95 0.95		0.92 0.95 0.95	
Lanes:	0.77 0.23 0.00		0.01 0.16 0.83		1.00 0.24 0.76		1.00 0.34 0.66	
Final Sat.:	1381 419 0		19 285 1446		1750 439 1361		1750 612 1188	
Capacity Analysis Module:								
Vol/Sat:	0.11 0.11 0.00		0.05 0.05 0.05		0.21 0.25 0.25		0.00 0.03 0.03	
Crit Moves:	****		****		**** ****			
Green Time:	12.8 12.8 0.0		10.0 10.0 10.0		21.0 28.2 28.2		7.0 14.2 14.2	
Volume/Cap:	0.62 0.62 0.00		0.37 0.37 0.37		0.70 0.62 0.62		0.02 0.14 0.14	
Delay/Veh:	29.8 29.8 0.0		28.1 28.1 28.1		26.0 18.2 18.2		28.4 23.0 23.0	
User DelAdj:	1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00		1.00 1.00 1.00	
AdjDel/Veh:	29.8 29.8 0.0		28.1 28.1 28.1		26.0 18.2 18.2		28.4 23.0 23.0	
LOS by Move:	C C A		C C C		C B- B-		C C C	
HCM2k95thQ:	10 10 0		5 5 5		15 15 15		0 2 2	

Note: Queue reported is the number of cars per lane.

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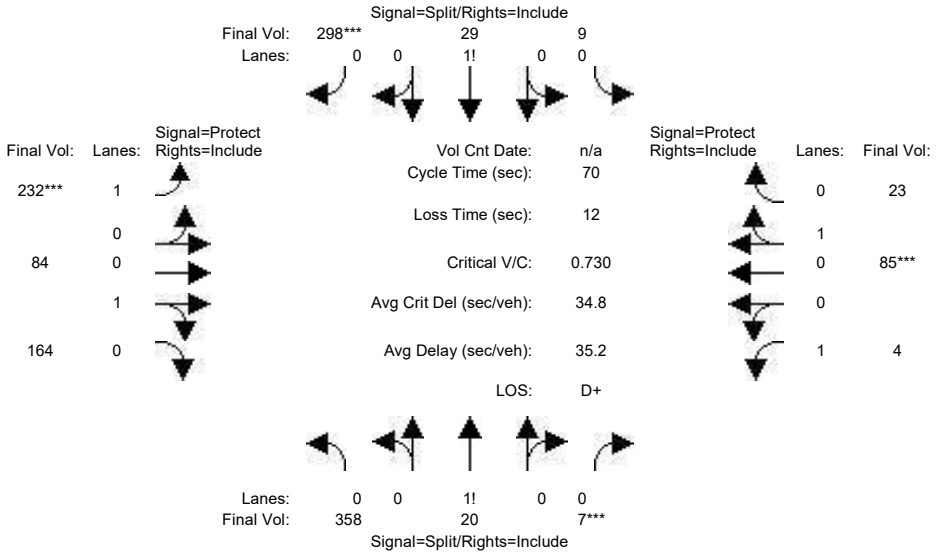
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	106	24	8	9	35	390	286	113	53	5	135	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	106	24	8	9	35	390	286	113	53	5	135	23
Added Vol:	252	-4	-1	0	-6	-92	-54	-29	111	-1	-50	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	358	20	7	9	29	298	232	84	164	4	85	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	358	20	7	9	29	298	232	84	164	4	85	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	358	20	7	9	29	298	232	84	164	4	85	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	358	20	7	9	29	298	232	84	164	4	85	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.95	0.95	0.92	0.95	0.95
Lanes:	0.93	0.05	0.02	0.03	0.08	0.89	1.00	0.34	0.66	1.00	0.79	0.21
Final Sat.:	1627	91	32	47	151	1552	1750	610	1190	1750	1417	383
Capacity Analysis Module:												
Vol/Sat:	0.22	0.22	0.22	0.19	0.19	0.19	0.13	0.14	0.14	0.00	0.06	0.06
Crit Moves:			****			****	****				****	
Green Time:	19.4	19.4	19.4	16.9	16.9	16.9	11.7	12.8	12.8	8.9	10.0	10.0
Volume/Cap:	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.76	0.76	0.02	0.42	0.42
Delay/Veh:	32.2	32.2	32.2	34.9	34.9	34.9	41.9	36.8	36.8	26.7	28.5	28.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.2	32.2	32.2	34.9	34.9	34.9	41.9	36.8	36.8	26.7	28.5	28.5
LOS by Move:	C-	C-	C-	C-	C-	C-	D	D+	D+	C	C	C
HCM2k95thQ:	20	20	20	18	18	18	11	11	11	0	5	5

Note: Queue reported is the number of cars per lane.

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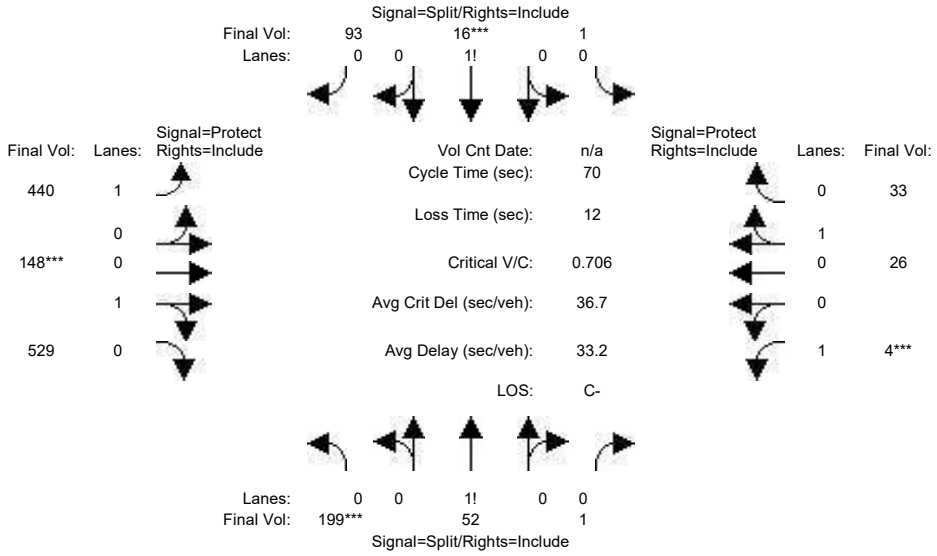
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	57	56	2	1	18	125	503	182	94	4	44	33
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	56	2	1	18	125	503	182	94	4	44	33
Added Vol:	142	-4	-1	0	-2	-32	-63	-34	435	0	-18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	199	52	1	1	16	93	440	148	529	4	26	33
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	199	52	1	1	16	93	440	148	529	4	26	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	199	52	1	1	16	93	440	148	529	4	26	33
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	199	52	1	1	16	93	440	148	529	4	26	33
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.95	0.95	0.92	0.95	0.95
Lanes:	0.79	0.20	0.01	0.01	0.14	0.85	1.00	0.22	0.78	1.00	0.44	0.56
Final Sat.:	1382	361	7	16	255	1480	1750	394	1406	1750	793	1007
Capacity Analysis Module:												
Vol/Sat:	0.14	0.14	0.14	0.06	0.06	0.06	0.25	0.38	0.38	0.00	0.03	0.03
Crit Moves:	****				****			****			****	
Green Time:	11.4	11.4	11.4	10.0	10.0	10.0	23.4	29.6	29.6	7.0	13.3	13.3
Volume/Cap:	0.89	0.89	0.89	0.44	0.44	0.44	0.75	0.89	0.89	0.02	0.17	0.17
Delay/Veh:	55.6	55.6	55.6	28.7	28.7	28.7	26.2	31.0	31.0	28.5	24.0	24.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.6	55.6	55.6	28.7	28.7	28.7	26.2	31.0	31.0	28.5	24.0	24.0
LOS by Move:	E+	E+	E+	C	C	C	C	C	C	C	C	C
HCM2k95thQ:	17	17	17	6	6	6	18	28	28	0	3	3

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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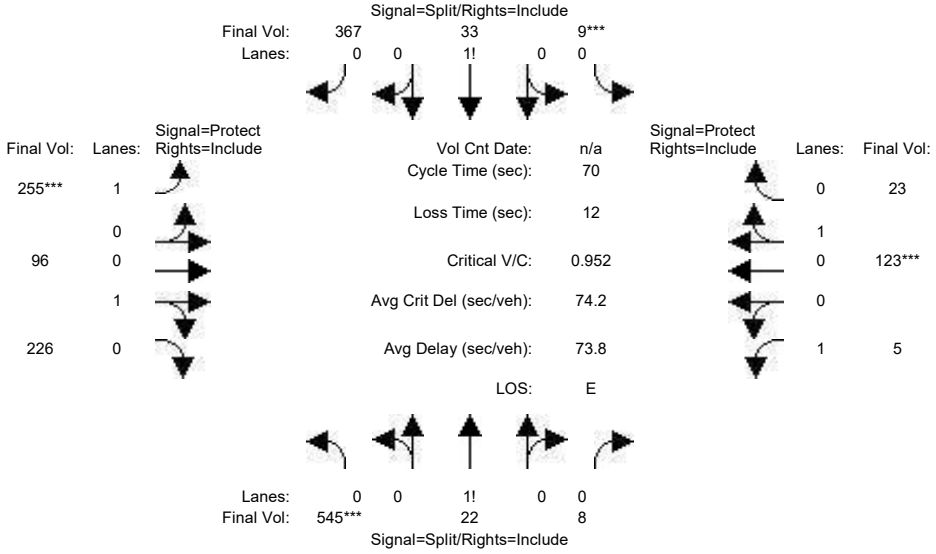
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project PM

Intersection #6: International Circle/Hospital Parkway



Street Name:	International Circle						Hospital Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	106	24	8	9	35	390	286	113	53	5	135	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	106	24	8	9	35	390	286	113	53	5	135	23
Added Vol:	439	-2	0	0	-2	-23	-31	-17	173	0	-12	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	545	22	8	9	33	367	255	96	226	5	123	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	545	22	8	9	33	367	255	96	226	5	123	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	545	22	8	9	33	367	255	96	226	5	123	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	545	22	8	9	33	367	255	96	226	5	123	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.95	0.95	0.92	0.95	0.95
Lanes:	0.95	0.04	0.01	0.02	0.08	0.90	1.00	0.30	0.70	1.00	0.84	0.16
Final Sat.:	1659	67	24	39	141	1570	1750	537	1263	1750	1516	284
Capacity Analysis Module:												
Vol/Sat:	0.33	0.33	0.33	0.23	0.23	0.23	0.15	0.18	0.18	0.00	0.08	0.08
Crit Moves:	****			****			****				****	
Green Time:	22.3	22.3	22.3	15.8	15.8	15.8	9.9	12.8	12.8	7.1	10.0	10.0
Volume/Cap:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	0.98	0.98	0.03	0.57	0.57
Delay/Veh:	70.6	70.6	70.6	80.9	80.9	80.9	96.0	73.2	73.2	28.4	31.0	31.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.6	70.6	70.6	80.9	80.9	80.9	96.0	73.2	73.2	28.4	31.0	31.0
LOS by Move:	E	E	E	F	F	F	F	E	E	C	C	C
HCM2k95thQ:	37	37	37	29	29	29	17	18	18	0	8	8

Note: Queue reported is the number of cars per lane.

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Kaiser South San Jose
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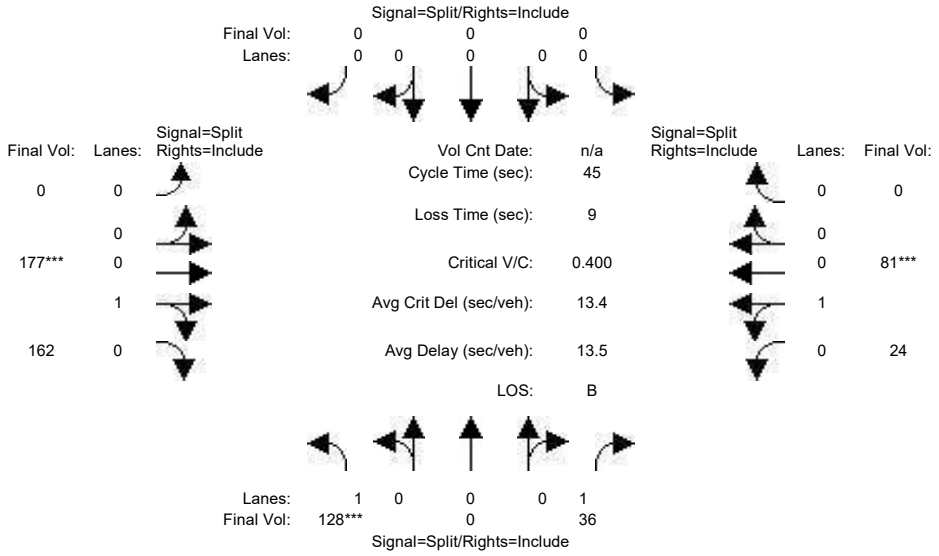
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project AM

Intersection #7: Camino Verde Drive/International Circle



Street Name:	Camino Verde Drive						International Circle					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	0	0	0	0	10	10	10	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	90	0	129	0	0	0	0	55	44	58	32	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	90	0	129	0	0	0	0	55	44	58	32	0
Added Vol:	38	0	-93	0	0	0	0	122	118	-34	49	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	128	0	36	0	0	0	0	177	162	24	81	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	128	0	36	0	0	0	0	177	162	24	81	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	128	0	36	0	0	0	0	177	162	24	81	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	128	0	36	0	0	0	0	177	162	24	81	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.95	0.95	0.95	0.95	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.52	0.48	0.23	0.77	0.00
Final Sat.:	1750	0	1750	0	0	0	0	940	860	411	1389	0
Capacity Analysis Module:												
Vol/Sat:	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.19	0.19	0.06	0.06	0.00
Crit Moves:	****							****			****	
Green Time:	10.0	0.0	10.0	0.0	0.0	0.0	0.0	16.0	16.0	10.0	10.0	0.0
Volume/Cap:	0.33	0.00	0.09	0.00	0.00	0.00	0.00	0.53	0.53	0.26	0.26	0.00
Delay/Veh:	15.2	0.0	14.0	0.0	0.0	0.0	0.0	12.4	12.4	14.8	14.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	15.2	0.0	14.0	0.0	0.0	0.0	0.0	12.4	12.4	14.8	14.8	0.0
LOS by Move:	B	A	B	A	A	A	A	B	B	B	B	A
HCM2k95thQ:	3	0	1	0	0	0	0	9	9	3	3	0

Note: Queue reported is the number of cars per lane.

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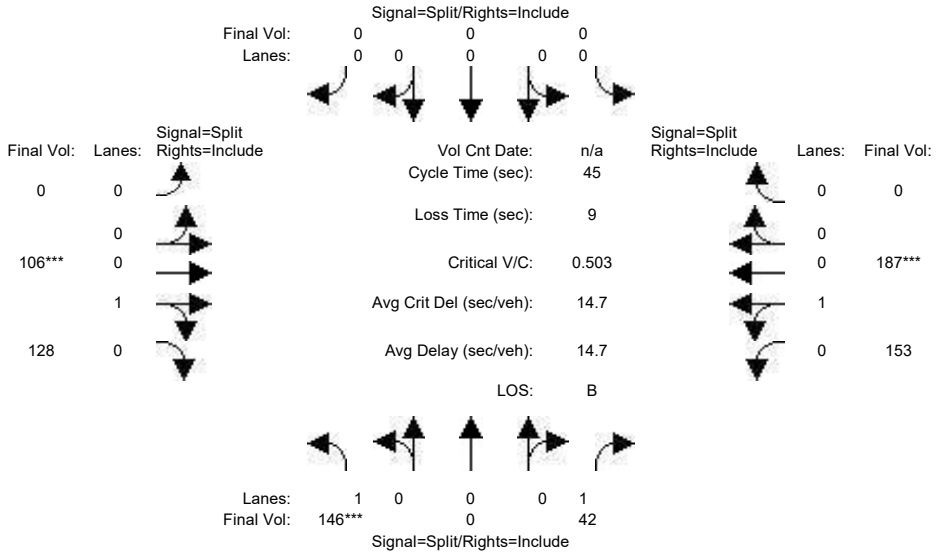
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Plus Project PM

Intersection #7: Camino Verde Drive/International Circle



Street Name:	Camino Verde Drive						International Circle					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	0	0	0	0	10	10	10	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	25	0	79	0	0	0	0	51	80	216	61	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	0	79	0	0	0	0	51	80	216	61	0
Added Vol:	121	0	-37	0	0	0	0	55	48	-63	126	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	146	0	42	0	0	0	0	106	128	153	187	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	146	0	42	0	0	0	0	106	128	153	187	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	146	0	42	0	0	0	0	106	128	153	187	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	146	0	42	0	0	0	0	106	128	153	187	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.95	0.95	0.95	0.95	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.45	0.55	0.45	0.55	0.00
Final Sat.:	1750	0	1750	0	0	0	0	815	985	810	990	0
Capacity Analysis Module:												
Vol/Sat:	0.08	0.00	0.02	0.00	0.00	0.00	0.00	0.13	0.13	0.19	0.19	0.00
Crit Moves:	****							****			****	
Green Time:	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.6	10.6	15.4	15.4	0.0
Volume/Cap:	0.38	0.00	0.11	0.00	0.00	0.00	0.00	0.55	0.55	0.55	0.55	0.00
Delay/Veh:	15.5	0.0	14.1	0.0	0.0	0.0	0.0	16.7	16.7	13.1	13.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	15.5	0.0	14.1	0.0	0.0	0.0	0.0	16.7	16.7	13.1	13.1	0.0
LOS by Move:	B	A	B	A	A	A	A	B	B	B	B	A
HCM2k95thQ:	4	0	1	0	0	0	0	8	8	9	9	0

Note: Queue reported is the number of cars per lane.

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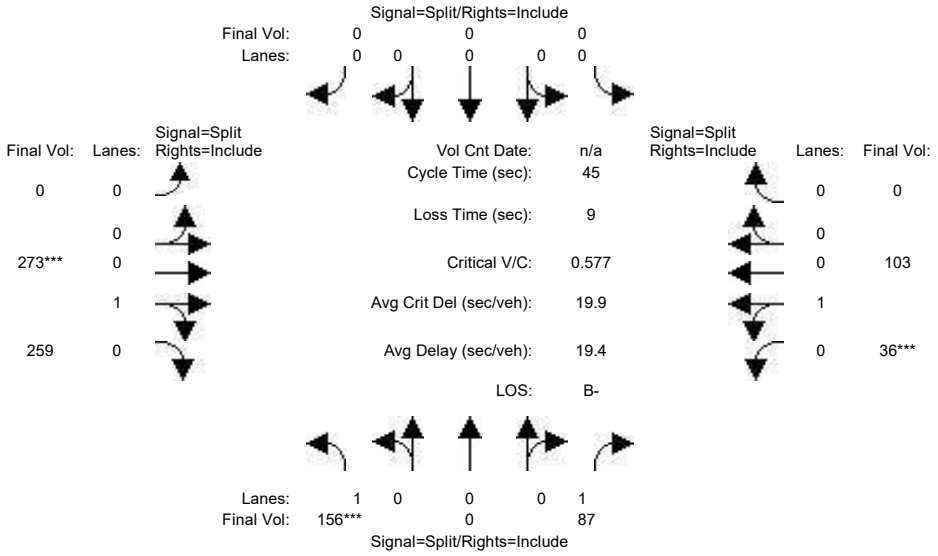
Kaiser South San Jose
SJ22-2191

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Plus Project AM

Intersection #7: Camino Verde Drive/International Circle



Street Name:	Camino Verde Drive						International Circle					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	0	0	0	0	10	10	10	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	90	0	129	0	0	0	0	55	44	58	32	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	90	0	129	0	0	0	0	55	44	58	32	0
Added Vol:	66	0	-42	0	0	0	0	218	215	-22	71	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	156	0	87	0	0	0	0	273	259	36	103	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	156	0	87	0	0	0	0	273	259	36	103	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	0	87	0	0	0	0	273	259	36	103	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	156	0	87	0	0	0	0	273	259	36	103	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.95	0.95	0.95	0.95	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.51	0.49	0.26	0.74	0.00
Final Sat.:	1750	0	1750	0	0	0	0	924	876	466	1334	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.05	0.00	0.00	0.00	0.00	0.30	0.30	0.08	0.08	0.00
Crit Moves:	****							****		****		
Green Time:	10.0	0.0	10.0	0.0	0.0	0.0	0.0	16.0	16.0	10.0	10.0	0.0
Volume/Cap:	0.40	0.00	0.22	0.00	0.00	0.00	0.00	0.83	0.83	0.35	0.35	0.00
Delay/Veh:	15.6	0.0	14.6	0.0	0.0	0.0	0.0	22.3	22.3	15.3	15.3	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	15.6	0.0	14.6	0.0	0.0	0.0	0.0	22.3	22.3	15.3	15.3	0.0
LOS by Move:	B	A	B	A	A	A	A	C+	C+	B	B	A
HCM2k95thQ:	4	0	2	0	0	0	0	19	19	4	4	0

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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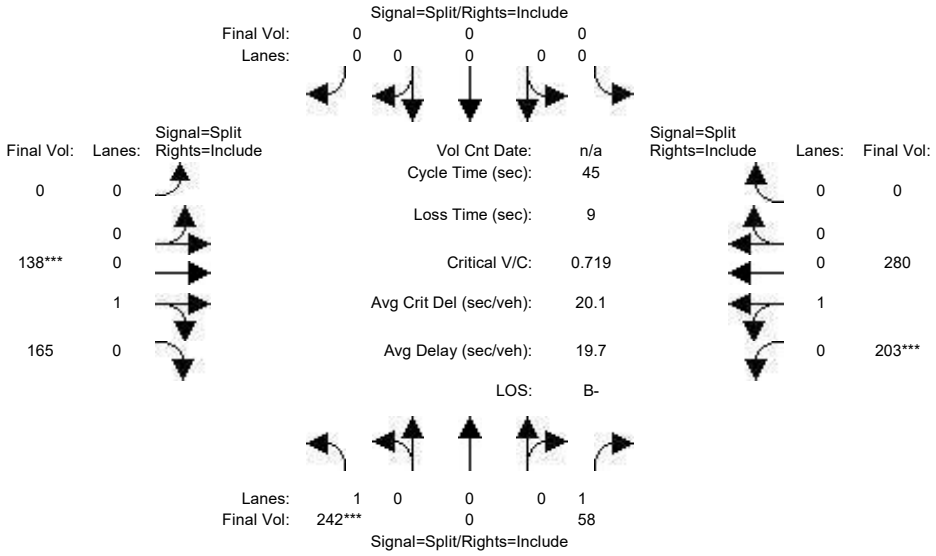
Intersection #7: Camino Verde Drive/International Circle



Street Name:	Camino Verde Drive						International Circle					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	0	0	0	0	10	10	10	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	25	0	79	0	0	0	0	51	80	216	61	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	0	79	0	0	0	0	51	80	216	61	0
Added Vol:	217	0	-21	0	0	0	0	87	85	-13	219	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	242	0	58	0	0	0	0	138	165	203	280	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	242	0	58	0	0	0	0	138	165	203	280	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	242	0	58	0	0	0	0	138	165	203	280	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	242	0	58	0	0	0	0	138	165	203	280	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.95	0.95	0.95	0.95	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.46	0.54	0.42	0.58	0.00
Final Sat.:	1750	0	1750	0	0	0	0	820	980	757	1043	0
Capacity Analysis Module:												
Vol/Sat:	0.14	0.00	0.03	0.00	0.00	0.00	0.00	0.17	0.17	0.27	0.27	0.00
Crit Moves:	****							****		****		
Green Time:	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	10.0	16.0	16.0	0.0
Volume/Cap:	0.62	0.00	0.15	0.00	0.00	0.00	0.00	0.76	0.76	0.76	0.76	0.00
Delay/Veh:	18.9	0.0	14.3	0.0	0.0	0.0	0.0	24.3	24.3	17.9	17.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	18.9	0.0	14.3	0.0	0.0	0.0	0.0	24.3	24.3	17.9	17.9	0.0
LOS by Move:	B-	A	B	A	A	A	A	C	C	B	B	A
HCM2k95thQ:	7	0	1	0	0	0	0	12	12	16	16	0

Note: Queue reported is the number of cars per lane.

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Appendix H:
Peak Hour Signal Warrants

FEHR PEERS

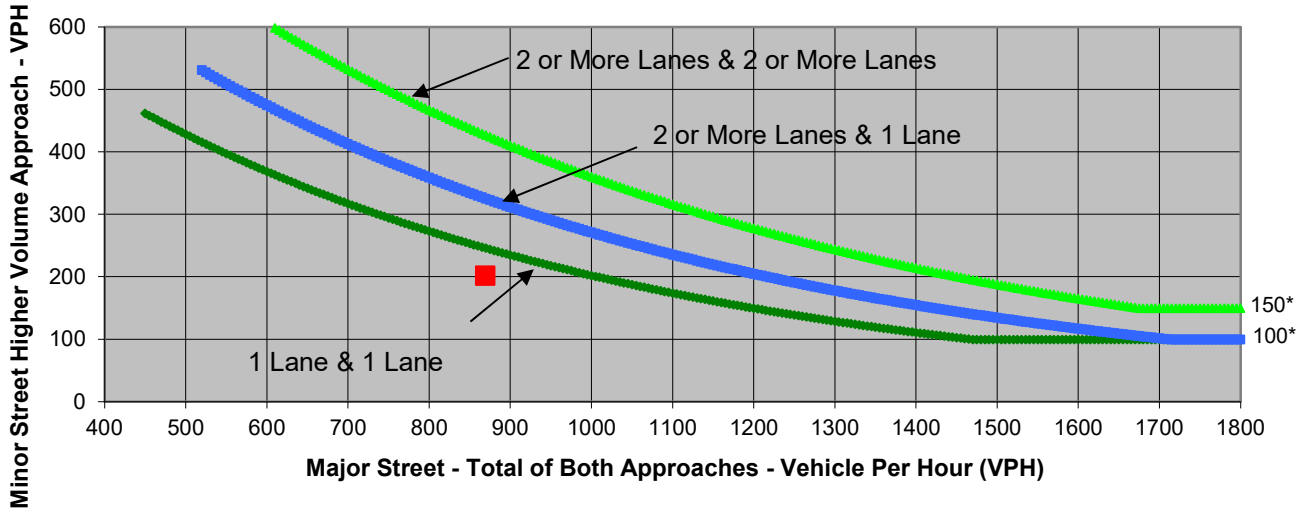
Major Street	Hospital Parkway	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Background Plus Project
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	155	1	369	3
Through	47	15	109	17
Right	0	73	338	33
Total	202	89	816	53

Major Street Direction

	North/South
x	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street Hospital Parkway	Minor Street International Circle	Warrant Met
Number of Approach Lanes	**2**	**1**	**NO**
Traffic Volume (VPH) *	**869**	**202**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

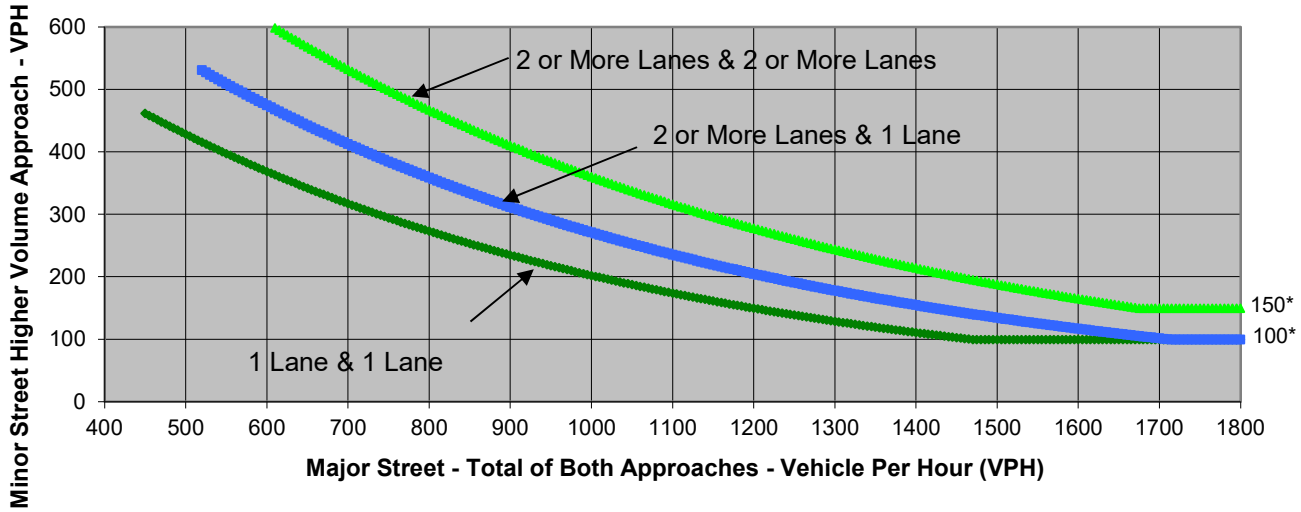
Major Street	Camino Verde Drive	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Background Plus Project
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	128	0	0	24
Through	0	0	177	81
Right	36	0	162	0
Total	164	0	339	105

Major Street Direction

x	North/South
	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Camino Verde Drive	International Circle	
Number of Approach Lanes	**2**	**1**	**NO**
Traffic Volume (VPH) *	**164**	**339**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

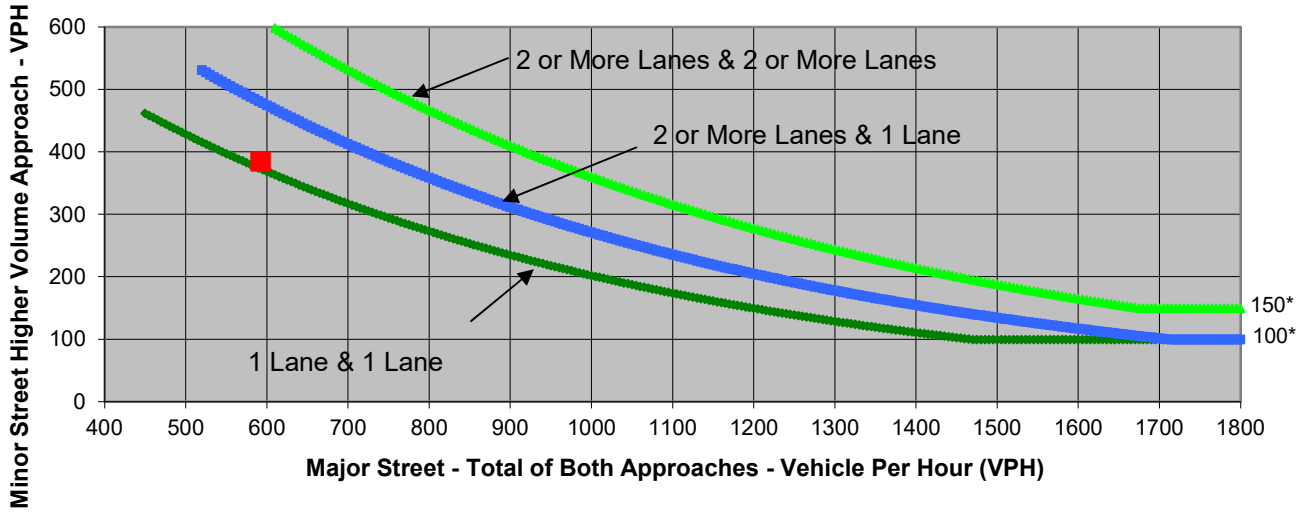
Major Street	Hospital Parkway	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Background Plus Project
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	358	9	232	4
Through	20	29	84	85
Right	7	298	164	23
Total	385	336	480	112

Major Street Direction

	North/South
x	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Hospital Parkway	International Circle	
Number of Approach Lanes	**2**	**1**	**NO**
Traffic Volume (VPH) *	**592**	**385**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

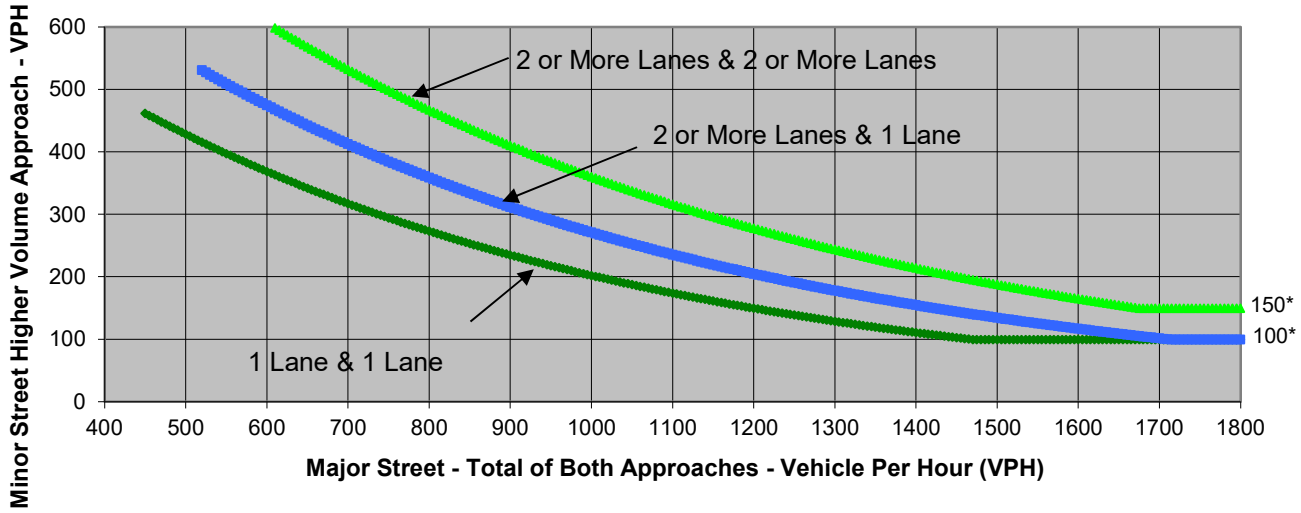
Major Street	Camino Verde Drive	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Background Plus Project
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	146	0	0	153
Through	0	0	106	187
Right	42	0	128	0
Total	188	0	234	340

Major Street Direction

x	North/South
	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Camino Verde Drive	International Circle	
Number of Approach Lanes	**2**	**1**	**NO**
Traffic Volume (VPH) *	**188**	**340**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

Major Street	Hospital Parkway
Minor Street	International Circle

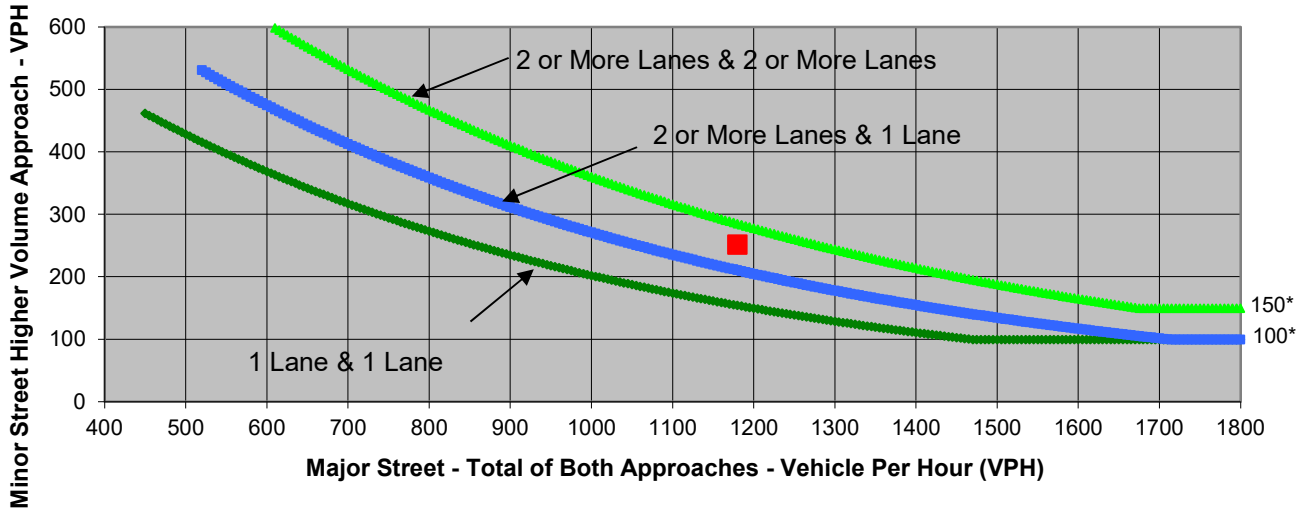
Project	Kaiser South San Jose
Scenario	Cumulative Plus Project
Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	199	1	440	4
Through	52	16	148	26
Right	1	93	529	33
Total	252	110	1,117	63

Major Street Direction

	North/South
x	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street Hospital Parkway	Minor Street International Circle	Warrant Met
Number of Approach Lanes	**2**	**1**	**YES**
Traffic Volume (VPH) *	**1,180**	**252**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

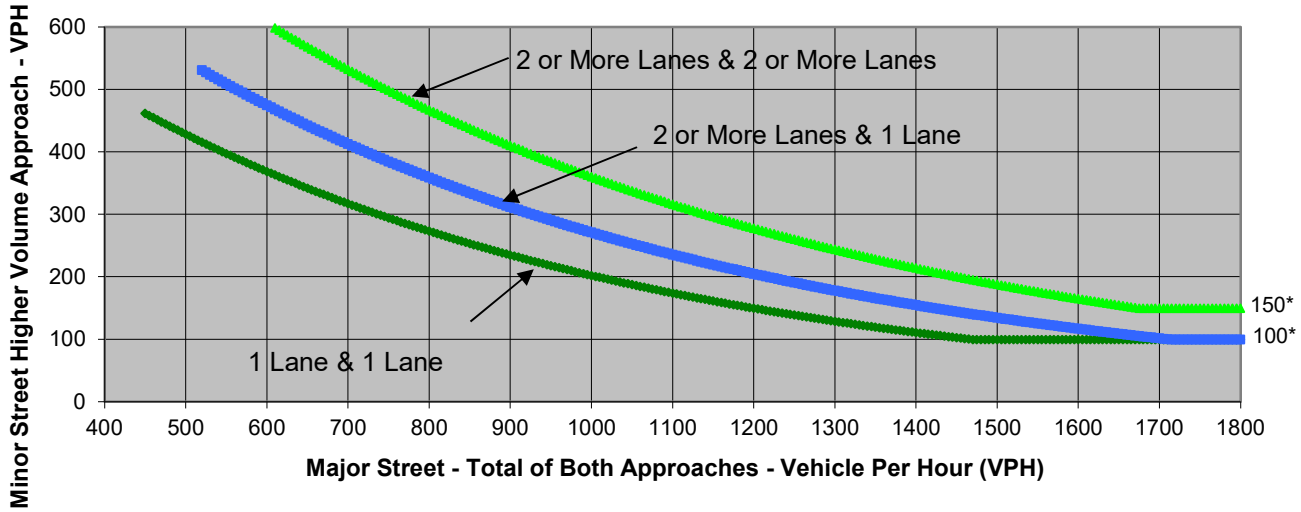
Major Street	Camino Verde Drive	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Cumulative Plus Project
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	156	0	0	36
Through	0	0	273	103
Right	87	0	259	0
Total	243	0	532	139

Major Street Direction

x	North/South
	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Camino Verde Drive	International Circle	
Number of Approach Lanes	**2**	**1**	**NO**
Traffic Volume (VPH) *	**243**	**532**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

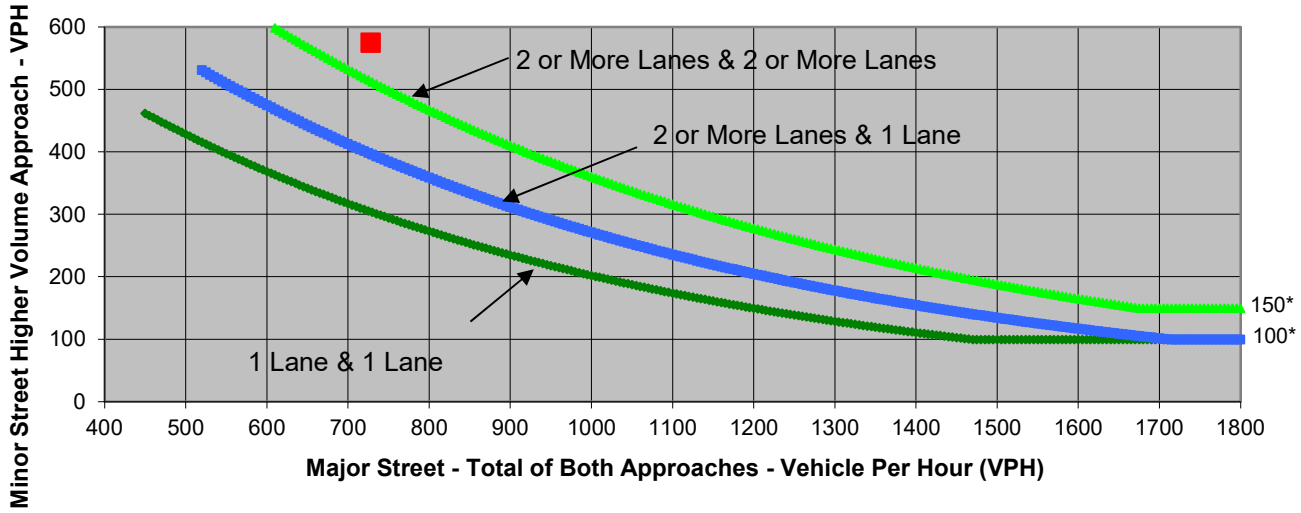
Major Street	Hospital Parkway	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Cumulative Plus Project
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	545	9	255	5
Through	22	33	96	123
Right	8	367	226	23
Total	575	409	577	151

Major Street Direction

	North/South
x	East/West



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Hospital Parkway	International Circle	
Number of Approach Lanes	**2**	**1**	**YES**
Traffic Volume (VPH) *	**728**	**575**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

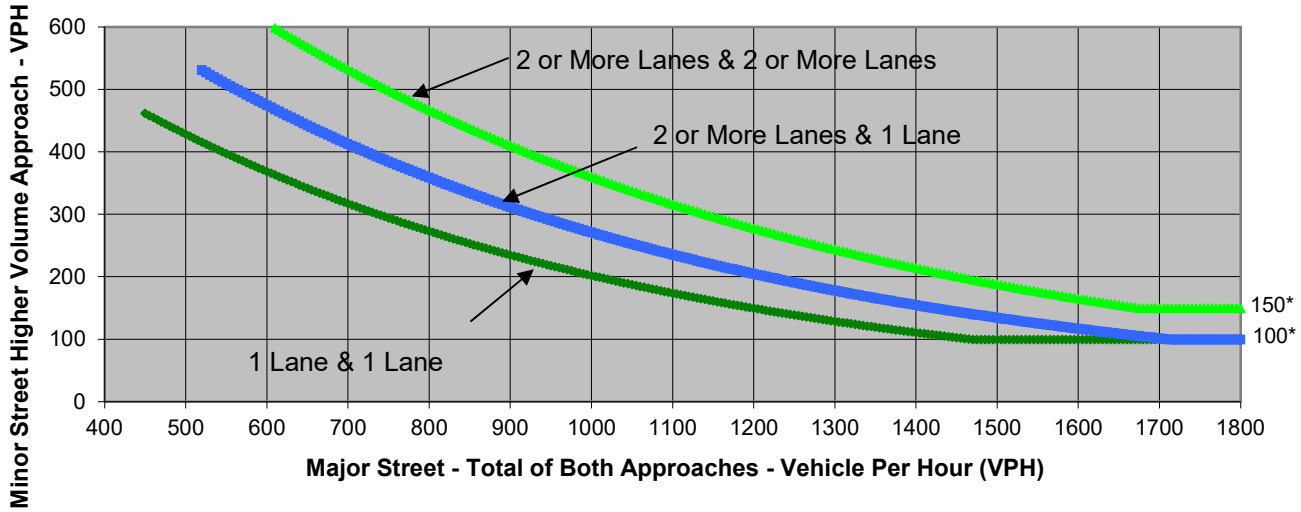
Major Street	Camino Verde Drive	Project	Kaiser South San Jose
Minor Street	International Circle	Scenario	Cumulative Plus Project
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	242	0	0	203
Through	0	0	138	280
Right	58	0	165	0
Total	300	0	303	483

Major Street Direction

x	North/South
	East/West



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Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Camino Verde Drive	International Circle	
Number of Approach Lanes	**2**	**1**	**NO**
Traffic Volume (VPH) *	**300**	**483**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

Appendix J
Water Supply Assessment

ESA

GREAT OAKS WATER COMPANY

WATER SUPPLY ASSESSMENT
for
Draft Environmental Impact Report
for
"KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER"

File Nos. PDC23-006 & PD23-002

Prepared by:
Great Oaks Water Company
July 25, 2023

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1. Introduction and Summary.

By letter dated June 2, 2023, the City of San José (City) advised Great Oaks Water Company (GOWC) that the City was preparing an Environmental Impact Report for the *Kaiser Permanente San Jose Medical Center* project, located in south San José. A copy of the June 2, 2023 letter from the City to GOWC is attached as Exhibit A.

GOWC is a California corporation in good standing and a water corporation regulated by the California Public Utilities Commission (CPUC) as a Class A public water utility. GOWC's service area is a specific geographic territory set aside by the CPUC to GOWC for providing water service. GOWC provides potable water and is a "public water system" as defined in California Water Code Section 10912(c).

GOWC was founded in 1959 and has provided high quality water service to its customers for more than half a century. All of the water served by GOWC is sourced from the abundant underground water supplies in the Santa Clara Valley Groundwater Basin.

The site for the City's *Kaiser Permanente San Jose Medical Center* project (Project) consists of approximately 39-gross-acre project site (APNs: 706-05-011; 706-05-025; 706-05-017; 706-05-037; 706-05-020; 706-05-032; and 706-05-035) is located at 250 Hospital Parkway in the City of San José. The project proposes demolition of the existing 250,000-square-foot (sf) hospital and construction of a new approximately 685,000-sf hospital (including basement), a new central utility plant (energy center), and a parking structure at their San José Medical Center campus ("SJMC campus" or "campus"). The existing hospital would continue to function at full capacity while the new hospital is under construction. Projected future campus improvements would include demolition of two one-story medical offices (both approximately 10,100 sf) and construction of a 250,000-sf outpatient facility and a parking garage. The Project is entirely within GOWC's service area authorized by the CPUC.

The City requested that GOWC provide an analysis of whether GOWC has adequate water supply to serve the Project. The City's request was made in the context of State Law (SB 610) and the California Environmental Quality Act (CEQA).

The information contained in this document satisfies the requirements of California Water Code Section 10910. In preparing this Water Supply Assessment, GOWC has followed and complied with the procedures in the California Department of Water Resources Guidebook for Implementation of Senate Bill 610 and Senate Bill 221 of 2001, as published on October 8, 2003.

GOWC has determined that it has sufficient water supply – based on normal, single dry, and multiple dry years – to meet the demand projected for the Project plus existing and planned future use, including agricultural and manufacturing uses.

2. California Public Utilities Service Area and Area Population.

GOWC is certified by the CPUC to provide water service within an approved service territory. A copy of the filed service area map for the entire GOWC water system (Tariff Sheet 644-W) and a copy of the filed service area map for the geographic area of the Project (Tariff Sheet 650-W) are attached as Exhibit B.[1] The Project is wholly within GOWC's CPUC-certified service area.

Generally, GOWC's service area includes a portion of the southern end of the City known as the Edenvale, Blossom Valley, SE Almaden Valley, and Coyote Valley areas. Snell Avenue roughly bounds the area on the west, the Silver Creek Ridge on the east, Palm Avenue (Coyote Valley) on the south, and Riverview Drive on the north.

The climate for GOWC's service area is the same as the climate for the City in general. According to the United States Department of Commerce, National Oceanographic and Atmospheric Administration (NOAA), the City has a Mediterranean-type climate characterized by sharply contrasting wet and dry seasons. The wet season runs from November through March, providing 82% of the yearly precipitation total. Rain during the summer months normally totals only 0.20 inches. Wet seasons are cool, but mild; dry season weather is very consistent with warm sunny days. See also Exhibit D, page 5.

In 2020, the population in GOWC's service area was calculated to be 92,995. See Exhibit D, page 5. Population growth estimates for the GOWC service area, based upon the average growth rate projection (1.3% growth per year) of the Association of Bay Area Governments (ABAG), are shown in the table below. Naturally included within these population figures are residential, commercial, and industrial growth possibilities such as those for the Project.

Projected Population of GOWC Service Area

2020	2025	2030	2035	2040	2045
106,450	112,582	119,168	126,115	133,367	141,036

GOWC concludes that the Project is wholly within its authorized CPUC service area and that GOWC is fully authorized to supply water to the Project.

[1] See also, *https://greatoakswater.com/SystemMaps.htm*.

3. Public Water System.

GOWC is a public water system[2] and water supplier with more than 20,000 service connections providing piped water to the public for human consumption. GOWC relies upon groundwater as its principal water source and will continue to do so for the Project. The groundwater basins serving from which GOWC draws its water supply have not been designated as overdraft by the State of California. The water produced by GOWC's groundwater supply wells meet all state and federal standards for potable drinking water and constitute the water supply providing water to GOWC's customers.

GOWC's system infrastructure is supported by capital programs for the regular and necessary maintenance, replacement, upgrade, expansion, and enlargement of facilities. GOWC's capital outlays are subject to approval by the CPUC on a periodic basis, with the most current proceeding being resolved without hearings, pending CPUC approval.

GOWC is a public utility regulated by the CPUC. The Project location consists of 39-gross-acre project site (APNs: 706-05-011; 706-05-025; 706-05-017; 706-05-037; 706-05-020; 706-05-032; and 706-05-035) is located at 250 Hospital Parkway in the City of San José site.

The parcels identified are all located within GOWC's present service area authorized by the CPUC. GOWC is obligated and prepared to provide water service to the proposed Project in conformity with all applicable CPUC rules and requirements.

[2] A "public water system" is defined in the California Water Code as a system that has 3,000 or more service connections and provides piped water to the public for human consumption. *See*, Water Code §10912(c).

4. Urban Water Management Plan.

On June 28, 2021, GOWC's board of directors approved and adopted its 2020 Urban Water Management Plan (2020 UWMP) in accord with California Water Code Sections 10610, et seq. A copy of GOWC's 2020 UWMP is attached as Exhibit D.[3] GOWC is scheduled to prepare a new UWMP in 2025.

GOWC's 2020 UWMP is incorporated into this Water Supply Assessment by reference. The 2020 UWMP includes water supply projections based upon projected water demands through 2045. Water demands necessarily include projected residential, commercial, and industrial growth based upon historical information and experience.

GOWC's 2020 UWMP includes water supplies necessary for the Project. The total projected water supplies available during normal, single dry, and multiple dry years during the twenty-five (25) years addressed in the 2020 UWMP will meet the projected water demand associated with the Project, in addition to all of GOWC's existing and planned future uses known at this time.

[3] See also, *https://greatoakswater.com/OtherPDFs/GOW_CA4310022_2020_Urban_Water_Management_Plan.pdf*.

5. Water Rights, Water Supply Entitlements, and Water Service Contracts.

As shown in the 2020 UWMP, GOWC has concluded and reported that it has sufficient water supplies to meet the projected water demands from population growth within its service area to the year 2045 and beyond. **GOWC's conclusion that it has sufficient water supplies includes demands generated by the Project in addition to the demands of existing and other planned and reasonably expected future uses.**

A. Water Rights. Groundwater Resources: GOWC obtains all of the water it supplies from local groundwater resources. GOWC will supply all potable water for the Project, its present, and its future customers from groundwater resources.

The Santa Clara Subbasin of the Santa Clara Valley Groundwater Basin (Department of Water Resources (DWR) Groundwater Basin Number: 2-9.02) underlies GOWC's service area and the Project. The right to pump groundwater from the Santa Clara Subbasin has not been adjudicated. The DWR has not identified the Subbasin as overdraft nor has it projected that the Subbasin will become overdraft. GOWC draws all of the potable water it serves and intends to serve to the Project from the Santa Clara Subbasin. The Santa Clara Subbasin occupies a structural trough parallel to the northwest trending Coast Ranges. The Diablo Range bounds it on the west and the Santa Cruz Mountains form the basin boundary on the east. It extends from the northern border of Santa Clara County to the groundwater divide near the town of Morgan Hill.

The Santa Clara Valley Water District (SCVWD) is charged with the legal duty of managing the Santa Clara Subbasin of the Santa Clara Valley Groundwater Basin, including all necessary artificial recharge of the groundwater in the Subbasin. SCVWD relies primarily upon natural rainfall, runoff, and imported water to fulfill its recharge responsibilities. SCVWD frequently refers to two subareas within the Santa Clara Subbasin – the Santa Clara Plain and the Coyote Valley.

GOWC has groundwater wells in both subareas and, with its integrated water system, can supply potable water throughout its entire service area with groundwater sourced in the two subareas. The Santa Clara Plain has an operational long-term storage capacity of 350,000 acre-feet of groundwater, while the operational storage capacity of the Coyote Valley is estimated to be between 23,000 and 33,000 acre-feet of groundwater.

GOWC has been drawing potable water to provide service exclusively from the Santa Clara Subbasin for more than fifty years. All of GOWC's water supplies come from its twenty three (23) groundwater wells in the Santa Clara Subbasin aquifers. These aquifers are recharged primarily by rainfall and runoff, as well as by artificial recharge by SCVWD. GOWC maintains that there is sufficient water in the Santa Clara Subbasin to fully support the Project.

Groundwater classified as percolating groundwater is not subject to the California Water Code provisions concerning the appropriation of water, and a water user can take percolating groundwater without a State-issued water right permit or license.

GOWC has the right to extract all percolated groundwater it requires from the Subbasin for service to the Project.

The table below shows the amount of groundwater produced and served by GOWC over the last five calendar years (in acre feet).

Year □	2018	2019	2020	2021	2022
Acre Feet	10,276	10,393	11,133	10,379	9,389

Groundwater Projections Through 2045: GOWC projects that it has sufficient water supply to meet the needs of its customers, including reasonably anticipated new customers within its service area. See Exhibit D, 2020 UWMP, Section 6.4, page 31.

GOWC projects sufficient water supplies to satisfy projected demand, including the additional demand associated with the Project. The combination of recharge from rainfall, runoff, and imported water in the Santa Clara Subbasin will be sufficient to meet all reasonably foreseeable demands through the year 2045.

SCVWD collects a groundwater charge on all groundwater produced for beneficial uses in specified zones within Santa Clara County. SCVWD is required by law to spend groundwater charge revenues to recharge groundwater within the specified zones.

GOWC has no impediment, legal or otherwise, to extraction of groundwater for its existing and projected customers or for the Project.

B. Water Supply Entitlements. Because GOWC has sufficient water resources for its present and projected needs, GOWC requires no entitlements to additional outside water supplies. Nevertheless, GOWC has the capability to interconnect to an existing 60-inch diameter treated potable water main owned by SCVWD and located on the western boundary of GOWC's service area. The interconnection, if made, would allow GOWC to receive treated potable water as an additional water resource. GOWC does not contemplate that establishing this interconnection will be necessary to serve the Project.

Recycled water may become available for use at the Project site within the foreseeable future. Industrial recycled water is currently being supplied to one customer within GOWC's service area and GOWC is in discussions to provide recycled water throughout its service area. Advanced recycled water – recycled water that has been treated so as to remove contaminants that currently prevent recycled water from being used for irrigation, groundwater recharge, and potable use – is also expected to become available in the foreseeable future as well. GOWC has a legal right to serve all recycled water within its service area, including to the Project. When recycled water becomes available, GOWC will take the necessary actions to protect its legal rights as to recycled water service within GOWC's service area so that GOWC may serve recycled water throughout its service area, including to the Project.

C. Water Service Contracts. GOWC imports no water and does not rely upon treated water to meet the water demands of the Project or of existing and other planned and reasonably expected future uses.

SCVWD does import non-potable water from the Central Valley Project. According to its 2020 Urban Water Management Plan, SCVWD has a contract with the Central Valley Project to supply 152,500 acre-feet per year, and a contract with the State Water Project for 100,000 acre-feet per year. SCVWD uses a portion of the water imported under these contracts to recharge the groundwater of the Santa Clara Subbasin.

GOWC relies upon its groundwater resources and has no plans to acquire additional, non-groundwater supplies for service to the Project.

GOWC projects that it has sufficient water supplies with its current water resources and water supply infrastructure for the Project and for existing and other planned and reasonably expected future uses.

6. Regulatory Approvals Required to Convey or Distribute Water.

A. California Public Utility Commission. GOWC is subject to CPUC General Order 103A and expects to provide all water service in accord with the requirements of the General Order. General Order 103 has been in existence since 1955 and General Order 103A has been in effect since 2009. GOWC is unaware of any proposed revision or amendment to General Order 103A that would adversely affect GOWC's ability to serve the Project as described.

No additional regulatory or licensing authority is required for GOWC to provide water service to the Project.

B. SB 221 Written Verifications of Water Supply. SB 221 requires water suppliers, upon request, to provide written verifications of sufficient water supply to serve particular subdivisions of 500 housing units or more. These verifications amount to commitments to serve and are relied upon by land use planners to ensure an adequate and perpetual water supply for new homes.

Because GOWC could receive SB 221 verification requests for development projects other than this Project, and because GOWC must respond to such requests in the order in which they are received and without discrimination, GOWC must reserve the right to issue SB 221 verifications on a first-to-file basis. At the present time, GOWC has not been requested nor has it delivered a written verification of water supply to any proposed subdivision pursuant to a SB 221 request.

C. Non-SB 221 Prior Water Supply Commitments. As a regulated public utility, GOWC is required not to discriminate, prejudice, disadvantage, or require different rates or deposit amounts from a person because of race, religious creed, color, national origin, ancestry, physical handicap, medical condition, occupation, sex, marital status, or change in marital status. GOWC fully supports this policy and recognizes that it must treat all customers within its authorized service area on an equal, non-discriminatory basis.

The Project is fully included within GOWC's service area as recognized by the CPUC. **GOWC has no prior service commitments that would prevent full water supply to the Project.**

D. California Energy Policy. As of this date, GOWC has received no mandates from the CPUC to reduce use of electrical energy in its present or future efforts to supply water. Production and delivery of groundwater is generally less energy intensive than the production and delivery of treated or recycled water. As GOWC uses exclusively groundwater and expects to do so for all potable water requirement of the Project, GOWC is not exposed to risk of regulatory energy efficiency programs that may affect other state or local water transmission facilities or water treatment systems. **No present or anticipated restrictions on the use of energy impair or are expected to impair GOWC's ability to provide full water supply to the Project.**

E. Water Service to Affordable Housing. California Government Code §65589.7 requires water service providers to adopt written policies and procedures regarding the provision of water service to a development that includes affordable housing. In providing water service to developments including affordable housing, regulated utilities must take into account specific requirements of both the Water Code and the Health and Safety Code.

GOWC has adopted rules and procedures in a formal tariff approved by the CPUC establishing compliance with Government Code §65589.7. GOWC's tariff is designed to be capable of support of a final affordable housing component of the Project. GOWC has the flexibility to amend and adopt revisions to its affordable housing tariff should the low-income housing portion of the Project be revised.

GOWC will support all affordable housing provided at the Project with no resulting disincentive to serve.

F. Financial Support for Low Income Households. GOWC expects the Project will or may include an as yet undetermined number of low-income households in the final residential mix. GOWC currently provides financial relief to qualified low-income residential households, whether owner-occupied or rental property. All separately metered GOWC residential customers are entitled to apply for the Customer Assistance Program (CAP). In addition, the CPUC requires utilities to share certain customer data for the purpose of including additional qualified low-income households in the CAP. GOWC regularly participates in such data sharing and automatically enrolls qualified low-income households in the CAP, subject to an opt-out procedure.

The CAP currently reduces the monthly water meter service charge by fifty percent (50%). The cost of the program is subsidized among all GOWC customers.

GOWC will support all low-income housing provided at the Project with no resulting disincentive to serve.

G. Assistance for Active Military Service. GOWC has adopted a program, approved by the CPUC, to postpone termination of water service at residences where the head of the household is serving in active military duty. The program meets the requirements of the Military and Veterans Code §827.

GOWC's program aiding active duty military families will not create a disincentive to provide water service to the Project.

H. California State Water Resources Control Board. GOWC is subject to California State Water Resources Control Board (SWRCB) and its Division of Drinking Water (DDW) regulations pertaining to water quality. GOWC knows of no proposed health related regulation of water quality that would adversely affect GOWC's ability to supply all potable water to the Project.

I. Fluoridation. GOWC serves groundwater without the addition of fluoride. GOWC may be required to fluoridate its water supply if funding is first provided by CDPH. Should fluoridation of the water supply for the Project become necessary, implementation of treatment will not adversely affect or otherwise interrupt water service to the Project.

7. Reliance on Supplies or Suppliers Never Used.

GOWC has the potential to interconnect with the existing SCVWD treated water main on the western boundary of GOWC's service area if necessary. GOWC does not contemplate that establishing and operating such a connection will be necessary to serve the Project. If such a connection were established and operated, GOWC would be able to receive treated water from SCVWD and/or supply groundwater to SCVWD.

Other public water systems, including San José Water Company and the City of San José Municipal Water System rely upon treated water supplied by the SCVWD treated water main to serve existing customers. GOWC does not need and does not contemplate obtaining treated water from either of these public water systems to supply water to the Project or to its existing and planned future customers.

The information in this section is intended to comply with Water Code Section 10910.

8. Water Supply for the Project.

Water demands for the Project are well within the water supplies available from GOWC for the Project, as shown in GOWC's 2020 UWMP. GOWC incorporates by reference its 2020 UWMP herein. For ease of reference, portions of the 2020 UWMP are reproduced below.

A. Groundwater and Other Sources. The table below summarizes past, present, and projected water supplies from each source of supply. Quantities are shown in acre-feet (AF). See also Exhibit D, 2020 Urban Water Management Plan, 6.4, page 31.

Projected Water Supplies

Water Supply Source	2025	2030	2035	2040	2045
Supplier-Produced Groundwater	11,839	12,680	12,680	12,680	12,680
Supplier-Produced Surface Water	0	0	0	0	0
Recycled Water	0	0	0	0	0
Total Water Produced/Projected	11,839	12,680	12,680	12,680	12,680

B. Additional Water Supplies. As previously stated, GOWC's available water supplies are sufficient to meet the demand projected for the Project plus existing and planned future use, including agricultural and manufacturing uses. GOWC projects no need for additional sources of supply.

C. Infrastructure for Project. No additional water supply infrastructure is needed for the Project as demand projected for the Project may be met using existing water supply infrastructure. To the extent mains, services, hydrants, and other water delivery infrastructure is required for the Project, such infrastructure will be constructed and funded in accord with CPUC policies, procedures, and tariffs, including, if necessary, main extension rebate contracts. Other costs of providing customer service, including water meters, billing, and customer service will be provided by GOWC without incurring additional debt, subject to collection from customers.

9. Demand Analysis for the Project.

As indicated, water demands for the Project are well within the water supplies available from GOWC for the Project, as shown in GOWC's 2020 UWMP. See Exhibit D, Section 4.5 pages 20-21. GOWC incorporates by reference its 2020 UWMP herein. For ease of reference, portions of the 2020 UWMP are reproduced below.

A. Existing and Planned Future Water Use. The table below summarizes existing and planned future water use from 2021 through 2025. Quantities are shown in AF. See also Exhibit D, 2020 Urban Water Management Plan, Section 4.5, pages 21.

B.

Table 4-7 Characteristic Five-Year Water Use (MG)

	2021	2022	2023	2024	2025
Single-Family Residential	1,892.7	1,893.7	1,899.4	1,905.1	1,910.8
Multi-Family Residential	698.3	701.7	719.5	737.4	755.2
Commercial	241.4	242.3	247.3	252.3	257.3
Industrial	64.1	65.3	66.5	67.7	68.9
Institutional/Governmental	255.2	256.2	254.3	252.5	248.9
Private Landscape	239.8	239.8	242.9	246.0	249.0
Agriculture	4.7	4.7	4.7	4.7	4.7
Losses	238.0	238.0	238.0	238.0	238.0
Totals	3,634.2	3,641.7	3,672.6	3,703.7	3,732.8

10. Dry Year Water Supply – Supply Reliability. For its 2020 UWMP, GOWC utilized SCVWD's average water year, single dry water year, and multiple dry water years. The water years used by GOWC are shown in the table below. See also Exhibit D, 2020 UWMP, Section 7.2., pages 33-36.

During the 25-year period covered by these water years, GOWC's service area population increased considerably from approximately 49,480 in 1977 to approximately 91,060 in 2002. See also Exhibit D, 2020 UWMP, Section 7.2., pages 33-36

As discussed in GOWC's 2020 UWMP, SCVWD may or may not adequately or properly manage the groundwater in the Santa Clara Subbasin. If not adequately or properly managed, the capacity of several of GOWC's groundwater wells may be reduced. In that event, GOWC has several options, including shifting production from wells located in different geographic/hydrologic areas of GOWC's service area and purchasing or installing groundwater wells in different locations in the Santa Clara Subbasin to replace any water loss or water production capacity. See Exhibit D, Section 7.2., pages 33-36

D. Supply and Demand Comparison. The following tables show that GOWC's water supplies are sufficient to meet demand during normal, single dry, and multiple dry years for existing and planned future use, including agricultural and industrial use, as well as for the Project. See also Exhibit D, Section 7.2., pages 33-36.

Submittal Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison						
		2025*	2030*	2035*	2040*	2045* (Opt)
First year	Supply totals	9,234	9,234	9,234	9,234	9,234
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,871	6,060	6,409	6,783	7,028
Second year	Supply totals	9,826	9,826	9,826	9,826	9,826
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	6,463	6,652	7,001	7,375	7,620
Third year	Supply totals	9,116	9,116	9,116	9,116	9,116
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,753	5,942	6,291	6,665	6,910

Fourth year	Supply totals	9,234	9,234	9,234	9,234	9,234
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,871	6,060	6,409	6,783	7,028
Fifth year	Supply totals	9,116	9,116	9,116	9,116	9,116
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,753	5,942	6,291	6,665	6,910
Sixth year *(optional)*	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0
***Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*						

SCVWD has various options available to it for the continuous supply of water to meet its groundwater recharge obligations even during periods of drought, including water banking and wheeling arrangements it maintains with other water resource agencies throughout the State of California.

11. Project Water Supply Vulnerability.

A. Supply and Demand Comparisons. The supply and demand comparisons in section 10, above, indicate that in normal, single year dry, and multiple dry year precipitation scenarios GOWC has sufficient water to meet its customers' water supply demands, through 2045, including water supply demands for the Project. This determination is based upon compliance by SCVWD with its legal requirements to properly manage and recharge the groundwater supplies.

B. Supply Reliability. See Exhibit D, 2020 UWMP. GOWC's 2020 UWMP is based upon an integrated approach to proper management of GOWC's water supply.

C. Transfer and Exchange Opportunities. See Exhibit D, 2020 UWMP, Section 6.3.1. and E, page 29.

D. Water Demand Management Measures. See Exhibit D, 2020 UWMP, Section 7.3, page 37.

E. Water Shortage Contingency Plan. See Exhibit C.[4] See also Exhibit D, 2020 UWMP, Section 7.3.1, beginning at page 40

[4] See also, *https://greatoakswater.com/OtherPDFs/GOW_CA4310022_2020_Urban_Water_Management_Plan.pdf*, beginning at p. 40.

12. Assessment that Supply is Sufficient.

GOWC finds and declares that its total projected water supplies available during normal, single dry, and multiple dry years during a 20-year projection will meet the projected water demand associated with the proposed Project, in addition to GOWC's water system's existing and planned future uses, including agricultural and manufacturing uses.

This Assessment of sufficient supply is provided pursuant to California Water Code Section 10914 which provides that nothing in Water Code Sections 10901 et seq. is intended to create a right or entitlement to water service or any specific level of water service or intended to either impose, expand, or limit any duty concerning the obligation of a public water system to provide certain service to its existing customers or to any future potential customers.

13. Governing Body Approval of Assessment at Regular or Special Meeting.

Pursuant to Water Code Section 10910(g)(1), a water supply assessment is incomplete if not presented to the water supplier's governing board and approved at a regular or special meeting.

The Board of Directors of GOWC, at a special meeting noticed for that purpose, adopted a resolution approving this Water Supply Assessment for the Draft Environmental Impact Report for Kaiser Permanente San Jose Medical Center Project (File No. PDC12-028).

Date: August 7th, 2023

By: Jared Ajlouny
Its:
Great Oaks Water Company

14. Exhibits

A. June 2, 2023 Letter from City of San José to Great Oaks Water Company

B. Great Oaks Water Company Service Area Maps – Tariff Sheets 644-W and 650-W

C. Water Shortage Contingency Plan (Page 40 of the UWMP)

D. Great Oaks Water Company 2020 Urban Water Management Plan

EXHIBIT A

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

Planning, Building and Code Enforcement
CHRISTOPHER BURTON, DIRECTOR

June 2, 2023

Jared Aljouny
Director of Construction, Maintenance & Operations
Great Oaks Water Company
20 Great Oaks Boulevard, Suite 120
San José, CA 95119

RE: WATER SUPPLY ASSESSMENT FOR DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE "KAISER PERMANENTE SAN JOSÉ MEDICAL CENTER PROJECT" IN SAN JOSÉ (FILE NOS. PDC23-006 & PD23-002

Dear Mr. Aljouny,

As the Lead Agency, the City of San José is preparing an Environmental Impact Report (EIR) for the *Kaiser Permanente San José Medical Center Project*, located in San José. The approximately 39-gross-acre project site (APNs: 706-05-011; 706-05-025; 706-05-017; 706-05-037; 706-05-020; 706-05-032; and 706-05-035) is located at 250 Hospital Parkway in the City of San José. The project proposes demolition of the existing 250,000-square-foot (sf) hospital and construction of a new approximately 685,000-sf hospital (including basement), a new central utility plant (energy center), and a parking structure at their San José Medical Center campus ("SJMC campus" or "campus"). The existing hospital would continue to function at full capacity while the new hospital is under construction. Projected future campus improvements would include demolition of two one-story medical offices (both approximately 10,100 sf) and construction of a 250,000-sf outpatient facility and a parking garage.

In accordance with the requirements of State law (SB 610) and the California Environmental Quality Act (CEQA) Guidelines, the City of San José requests that you provide an analysis of whether the Great Oaks Water Company has adequate water supply to serve this project.

Please advise the City whether this proposed development was included under the latest Urban Water Management Plan (UWMP). If the proposed development was not accounted for in the UWMP, please provide the City with a water supply assessment (WSA) identifying if the projected water supply for the next 20 years, based on normal, single year, and multiple dry years, and including existing and planned future water users, is adequate to meet the demand projected for the proposed development. In conformance with California's Water Code Section 10910(d)(1), the WSA shall include an identification of any existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project, and a description of the quantities of water received in prior years by the public water system. In addition, the following information shall be provided in the WSA:

a) Written contracts or other proof of entitlement to an identified water supply;
b) Copies of a capital outlay program for financing the delivery of a water supply that has been adopted by the public water system;

c) Federal, State, and local permits for construction of necessary infrastructure associated with delivering the water supply; and
d) Any necessary regulatory approvals that are required in order to be able to convey or deliver the water supply.

If the water supply for this project will also include groundwater, please also provide the following additional information in your WSA analysis:

e) A review of any information contained in the UWMP relevant to the identified water supply for the proposed project;
f) A description of any groundwater basin or basins from which the proposed project will be supplied;
g) A detailed description and analysis of the amount and location of groundwater pumped by the public water system; and
h) An analysis of the sufficiency of the groundwater from the basin or basins from which the project will be supplied to meet the projected water demand associated with the proposed project.

A detailed description of the proposed project is included in the Notice of Preparation for the EIR, attached. According to California Water Code Section 10910(g)(1), the deadline for your response is 90 days after receipt of this request; however, we would appreciate an earlier response, if possible. Please identify a contact person, and send your response to:

Attn: Cort Hitchens
City of San José
Department of Planning, Building, and Code Enforcement
200 East Santa Clara Street, 3rd Floor Tower
San José, CA 95113-1905

Thank you for your assistance in this matter. Please do not hesitate to contact Cort Hitchens environmental project manager, at 408-794-7386 or via email at Cort.Hitchens@sanjoseca.gov if you have any questions regarding this request or the proposed project.

June 2, 2023

Cort Hitchens, Environmental Project Manager

Date

EXHIBIT B

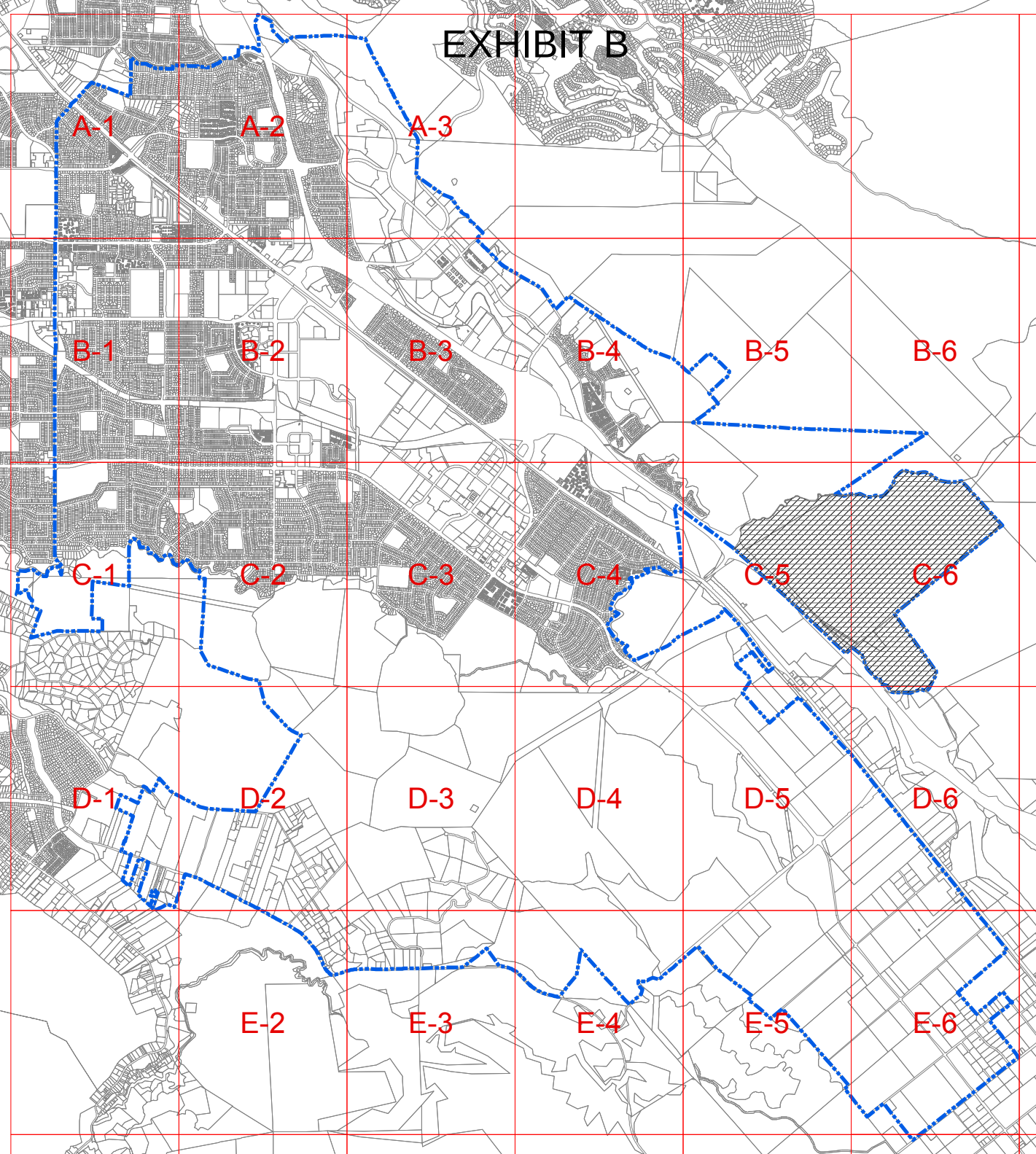
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EXHIBIT D

(EXHIBIT C is located on page 40)

GREAT OAKS WATER COMPANY

2020 Urban Water Management Plan

Submitted July 1, 2021

Great Oaks Water Company
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Corrections Submitted
September 15, 2022

GREAT OAKS WATER COMPANY

2020 Urban Water Management Plan

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GREAT OAKS WATER COMPANY

Chapter 1 – Urban Water Management Plan Introduction and Overview

1.1. Introduction

Great Oaks Water Company (Great Oaks) has prepared this 2020 Urban Water Management Plan (UWMP) in accordance with applicable provisions of the California Water Code (Water Code) and the 2020 UWMP Guidebook prepared by the California Department of Water Resources (DWR). This is an update to Great Oaks' 2015 UWMP and includes all information required by applicable laws and regulations. Since 2015, DWR has updated its UWMP Guidebook to include new information required by statute, including information to address changing conditions. Great Oaks has prepared this UWMP in coordination with and consistent with information provided by local government agencies and other urban water suppliers.

1.2. Overview of 2020 UWMP

This UWMP provides a reliable water management action plan Great Oaks can and will use to address changing water supply and demand conditions. In preparing this UWMP, Great Oaks focused on the following water-planning fundamentals:

- Preparation and assessment of current and future water use, including assessing the accuracy of baseline data and the examination of long-term planning documents, such as the City of San Jose's Climate Smart San Jose, which is a long-range plan to achieve urban sustainability in a changing world;
- Analysis of potable water supplies, including consideration of restrictions on water availability under certain regulatory and hydrological conditions and other limitations on water supplies;
- Analysis of water supply reliability under normal conditions, single dry-year conditions, and five consecutive dry years through 2045;
- Preparation of a realistic Drought Risk Assessment (DRA) by including water supplies and projected water use in a hypothetical five-year drought scenario; and
- Development of an effective Water Shortage Contingency Plan (WSCP) that identifies specific opportunities to reduce demand and augment supplies under numerous, often unpredictable, water shortage conditions.

Great Oaks' 2020 UWMP will be used as a long-range planning document for water supply and water system planning and as a source for data on population, demographics, water demands, and water supplies.

1.3. Urban Water Management Plans and the Water Code

Urban water suppliers, whether publicly or privately owned, that provide water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually are required to prepare and submit an UWMP every five years. Chapter 2 of this UWMP addresses Urban Water Management Planning and the Water Code.

1.4. Contents of Great Oaks' 2020 UWMP

This 2020 UWMP consists of ten (10) chapters, each of which is briefly summarized below.

Chapter 1 – Urban Water Management Plan Introduction and Overview.

The background and purpose of the UWMP is presented in Chapter 1 and includes this lay description of the UWMP document. Also included in Chapter 1 are discussions of various planning efforts, wholesale and retail agency coordination, public participation, and plan adoption.

Chapter 2 – Urban Water Management Planning and the Water Code

This chapter provides basic information about requirements of Urban Water Management Plans and the pertinent statutory requirements in the California Water Code.

Chapter 3 – Description of Great Oaks Water System.

Chapter 3 includes a map and basic description of the Great Oaks water system, together with information pertaining to climate, population and demographics, and historic water usage data.

Chapter 4 – System Water Use

This chapter provides information on water use by sector in 2020 and into the future, using five-year increments, through 2045. This chapter includes information on water demand from customers, including low income customers, and distribution system water losses. Estimated water savings are discussed as well. Finally, this chapter includes information on its water system capabilities in the context of climate change.

Chapter 5 – SB X7-7 Baselines and Targets

This chapter of the 2020 UWMP provides information showing Great Oaks' compliance with its per capita water use target for the year 2020. This information is provided pursuant to the Water Conservation Act of 2009 (Senate Bill X7-7), which required a 20 percent reduction in urban per capita water use by December 31, 2020. Previously UWMPs established water use targets for 2015 and 2020 using standard methodologies.

Chapter 6 – Water System Supplies

Chapter 6 provides an analysis of Great Oaks' water supplies and an estimate of water-related energy consumption. This comprehensive overview of Great Oaks' water supplies and estimates of available water supplies over the period of time covered by this UWMP shows that such water supplies are sufficient to meet projected demands under "normal" conditions.

Chapter 7 – Water Supply Reliability Assessment

In Chapter 6, Great Oaks provides an assessment of water supplies under various scenarios including an average water year, a single dry year, and multiple dry years. This assessment concludes that Great Oaks will be able to meet demand for water under each scenario presented.

Chapter 8 – Water Shortage Contingency Planning

Great Oaks' Water Shortage Contingency Plan (WSCP) is provided in this chapter. The WSCP is intended to serve as part of this UWMP and as a separate stand-alone planning document addressing actions to be taken at various water shortage levels.

Chapter 9 – Demand Management Measures

This chapter describes past and planned demand management (conservation) measures Great Oaks has and will rely upon to encourage (and sometimes require) customers to conserve and reduce water demand/usage during specific circumstances and over the period covered by the UWMP.

Chapter 10 – Plan Adoption, Submittal, and Implementation

Information on the public hearing, adoption process for the 2020 UWMP, and the submittal process for the UWMP and WSCP are provided in chapter 10. This chapter also confirms that the Great Oaks 2020 UWMP and WSCP were timely submitted.

GREAT OAKS WATER COMPANY

Chapter 2 – Urban Water Management Planning and the Water Code

2.1. Urban Water Management Planning and the Water Code

Water Code Section 10617 provides:

> *"Urban water supplier" means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems…*

Water Code Section 10621 provides, in part:

> *(a) Each urban water supplier shall update its plan at least once every five years on or before December 31, in years ending in five and zero, except as provided in subdivision (d).*
>
> *(d) Each urban water supplier shall update and submit its 2015 plan to the department by July 1, 2016.*

2.1.1. Discussion

Great Oaks is a retail "urban water supplier" under Water Code Section 10617, as Great Oaks provides water for municipal purposes to more than 3,000 customers and supplies more than 3,000 acre-feet of water annually.

Great Oaks is also a "public water system" as defined by California Health and Safety Code Section 116275(h), as it is a "system for the provision of water for human consumption through pipes or other constructed conveyances that has 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year.

At the end of calendar year 2020, Great Oaks had an average of 21,372 active service connections providing continuous daily water service to a population estimated to be 106,450, as shown in Submittal Table 2-1 below.

Submittal Table 2-1 Retail Only: Public Water Systems			
Public Water System Number	Public Water System Name	Number of Municipal Connections 2020	Volume of Water Supplied 2020 *
Add additional rows as needed			
CA4310022	Great Oaks Water Co.	21,372	3,396
	TOTAL	21,372	3,396
**** Units of measure (AF, CCF, MG)*** *must remain consistent throughout the UWMP as reported in Table 2-3.*			
NOTES: The number of municipal connections in 2020 is the average of the connections at the end of 2019 and the end of 2020.			

Great Oaks is reporting individually on a calendar year basis, with all Units of Measure reported in MG (million gallons). See Submittal Tables 2-2 and 2-3, below.

Submittal Table 2-2: Plan Identification			
Select Only One	**Type of Plan**		**Name of RUWMP or Regional Alliance** *if applicable* (select from drop down list)
☑	**Individual UWMP**		
	☐	Water Supplier is also a member of a RUWMP	
	☐	Water Supplier is also a member of a Regional Alliance	
☐	**Regional Urban Water Management Plan (RUWMP)**		

Submittal Table 2-3: Supplier Identification	
Type of Supplier (select one or both)	
☐	Supplier is a wholesaler
☑	Supplier is a retailer
Fiscal or Calendar Year (select one)	
☑	UWMP Tables are in calendar years
☐	UWMP Tables are in fiscal years
If using fiscal years provide month and date that the fiscal year begins (mm/dd)	
Units of measure used in UWMP * (select from drop down)	
Unit	MG
**** Units of measure (AF, CCF, MG)*** *must remain consistent throughout the UWMP as reported in Table 2-3.*	

2.2. Relationship to Other Planning Efforts

Water Code Section 10620(d)(2) provides:

> *Each urban water supplier shall coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.*

Water Code Section 10631 (j) provides:

> *An urban water supplier that relies upon a wholesale agency for a source of water shall provide the wholesale agency with water use projections from that agency for that source of water in five-year increments to 20 years or as far as data is available. The wholesale agency shall provide information to the urban water supplier for inclusion in the urban water supplier's plan that identifies, to the extent practicable, the existing and planned sources of water as required by subdivision (b), available from the wholesale agency to the urban water supplier over the same five-year increments, and during various water-year types in accordance with subdivision (c). An urban water supplier may rely upon water supply information provided by the wholesale agency in fulfilling the plan informational requirements of subdivisions (b) and (c).*

Water Code Section 10620(d)(2) provides:

> *Each urban water supplier shall coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.*

Water Code Section 10642 provides:

> *Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan. Prior to adopting a plan, the urban water supplier shall make the plan available for public inspection and shall hold a public hearing thereon. Prior to the hearing, notice of the time and place of hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of hearing to any city or county within which the supplier provides water supplies. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing, the plan shall be adopted as prepared or as modified after the hearing.*

2.2.1. Discussion: Wholesale and Retail Coordination

The vast majority of Great Oaks' service area is within the City of San José, and the entire service area is located within the County of Santa Clara. Two other water utilities, San José Water Company (SJWC) and San José Municipal Water System (SJMWS), also provide water service within the City of San José and, to the extent SJWC and SJMWS utilize the Santa Clara Valley Groundwater Basin (Basin No. 2-09), Santa Clara Subbasin (Subbasin No. 2-09.02) as a source of supply, Great Oaks shares a source of supply with those utilities. Valley Water is the local government agency responsible for groundwater management; however, Valley Water is not a water utility or wholesale agency for Great Oaks. Valley Water does not supply water to Great Oaks. Instead, the Santa Clara Valley Water District (Valley Water) is responsible for the protection and augmentation of the water supplies for Santa Clara County.

Great Oaks, SJWC, and SJMWS are regular members of the Valley Water Retailer Committee and Water Supply, Water Conservation, Communications, Groundwater, and other Subcommittees. Great Oaks regularly attends and participates in these committee and subcommittee meetings and receives electronic email updates on committee and subcommittee activities and reports throughout each year. UWMPs have been discussed in advance of the submission date for 2020 Urban Water Management Plans, and Great Oaks considers such discussions to be

participation in the development of this UWMP. Great Oaks invited SJWC, SJMWS, SCVWD, and the County of Santa Clara to participate and comment upon Great Oaks' Urban Water Management Plan. Copies of the letters inviting such participation are included in the Appendix. See Submittal Table 2-4, below.

Submittal Table 2-4 Retail: Water Supplier Information Exchange
The retail Supplier has informed the following wholesale supplier(s) of projected water use in accordance with Water Code Section 10631.
Wholesale Water Supplier Name
Add additional rows as needed
NOTES: All water is sourced from Great Oaks Water Company-owned groundwater wells, so there is no wholesale water supplier. Great Oaks has advised Valley Water of its projected water use as part of the coordinated effort on water resource planning in Santa Clara County.

2.2.2. Discussion: Public Participation

Great Oaks has actively encouraged community participation in its urban water management planning efforts since the first plan was adopted in 1985. Public meetings were held for the 1985, 1990, 1995, 2000, 2005, 2010, 2015, and 2020 UWMPs.

For the 2020 UWMP, a public meeting was held on June 28, 2021 via Zoom due to pandemic-related restrictions on public gatherings. Public comments and opinions were solicited for review and comment on the draft plan before the plan was adopted by the company's Board of Directors.

Notice of the public meeting was published in the San Jose Mercury News on June 3, 2021 and also on June 10, 2021. Copies of the draft plan were made available on Great Oaks' website prior to the public meeting. A copy of the public meeting notice is included in the Appendix.

The following table shows Great Oaks' coordination with local agencies and the public.

Coordinating Agencies	Participated/Invited To Participate in Developing UWMP	Commented on Draft UWMP	Attended Public Meetings	Contacted For Assistance	Sent/Made Available Draft UWMP	Sent Notice of Intention to Adopt	Not Involved or No Information
SJMWS	X				X	X	

Valley Water	X			X	X	X	
General Public	X		X		X	X	

2.3. Plan Adoption

Great Oaks prepared its 2020 UWMP during the last quarter of 2020 and the first half of 2021. The 2020 UWMP was adopted by the Great Oaks Board of Directors on June 29, 2021. The 2020 UWMP is being timely submitted to DWR. The Appendix of this UWMP includes a true and accurate copy of the Unanimous Consent Resolution of the Great Oaks Board of Directors adopting this UWMP. This UWMP includes all information necessary to fulfill the requirements of the Water Code for 2020 UWMPs.

2.4. Lay Description

Water Code Section 10630.5 provides:

> *Each plan shall include a simple lay description of how much water the agency has on a reliable basis, how much it needs for the foreseeable future, what the agency's strategy is for meeting its water needs, the challenges facing the agency, and any other information necessary to provide a general understanding of the agency's plan.*

This 2020 UWMP applies to the Great Oaks service area with a 2020 population of approximately 106,450. The UWMP is a foundational planning document and includes descriptions of past and projected water demands, water supplies, and water system reliability during a series of different water supply scenarios over a 20-year planning period. The UWMP also describes Great Oaks' actions that promote water conservation and includes a Water Shortage Contingency Plan (WSCP) to address potential water supply shortages due to droughts or other impacts to water supply. Great Oaks' UWMP is updated every five years in accordance with statutory requirements. Prior Great Oaks UWMPs are available on the California Department of Water Resources website: https://wuedata.water.ca.gov.

This 2020 UWMP concludes that Great Oaks has sufficient water supplies to meet demand under all of the various water supply scenarios, including the single dry year and multiple dry years scenarios. See Chapter 7 – Water Supply Reliability Assessment for the details supporting this conclusion.

More specifically, during a single dry year scenario, this UWMP concludes that Great Oaks will have 9,471 MG of supply to meet the projected demand of 3,363 MG, should that single dry year occur in 2025 (see Table 7-3 in Chapter 7, below).

In a multiple dry year scenario, Great Oaks will have sufficient water supplies in each of the dry years (see Table 7-4 in Chapter 7 below). Moreover, the five-year Drought Risk Assessment performed for purposes of this UWMP shows that Great Oaks' water supplies are sufficient to meet expected demand in each of the five years (see Table 7-5 in Chapter 7, below).

GREAT OAKS WATER COMPANY

GREAT OAKS WATER COMPANY

Chapter 3: - Description of the Great Oaks Water System

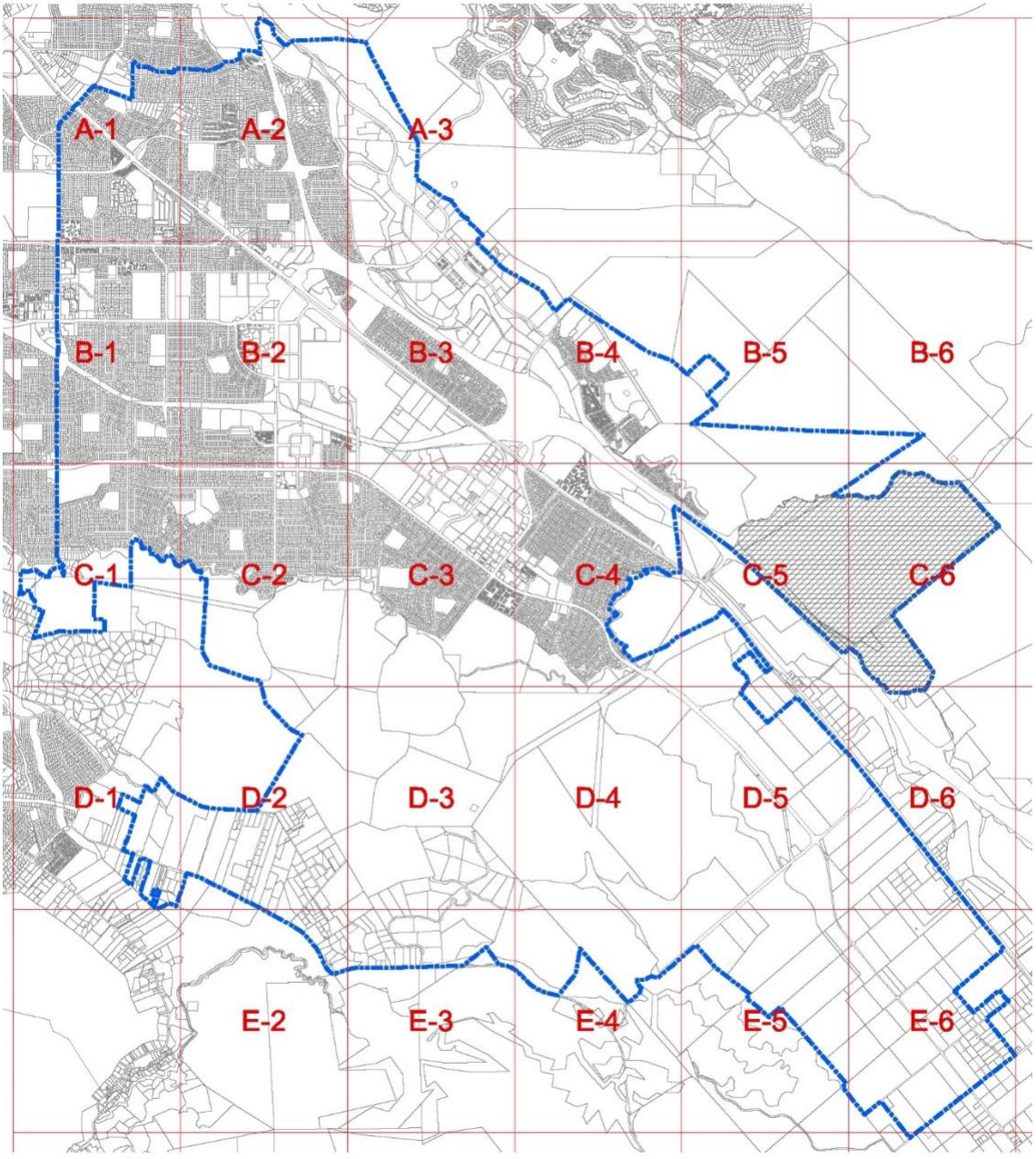
Water Code Section 10631 (a) provides:

> *Describe the service area of the supplier, including current and projected population, climate, and other social, economic, and demographic factors affecting the supplier's water management planning. The projected population estimates shall be based upon data from the state, regional, or local service agency population projections within the service area of the urban water supplier and shall be in five-year increments to 20 years or as far as data is available. The description shall include the current and projected land uses within the existing or anticipated service area affecting the supplier's water management planning. Urban water suppliers shall coordinate with local or regional land use authorities to determine the most appropriate land use information, including, where appropriate, land use information obtained from local or regional land use authorities, as developed pursuant to Article 5 (commencing with Section 65300) of Chapter 3 of Division 1 of Title 7 of the Government Code.*

3.1. Depiction of the Great Oaks Service Area.

The Great Oaks service area is as authorized by the California Public Utilities Commission (CPUC) and is depicted on the following page.

Great Oaks Water Company Service Area



3.2. General Description of the Great Oaks Service Area.

The Great Oaks service area includes a portion of the southern end of the City of San Jose known as Edenvale, Blossom Valley, SE Almaden Valley, and Coyote Valley. The western service area boundary is Snell Avenue and the eastern boundary is Silver Creek Ridge. The northern boundary is Riverview Drive and the southern boundary is in the area of Palm Avenue in Coyote Valley. Population estimates in this 2020 UWMP are based upon the assumption that the Great Oaks service area will not be infringed by any other water service provider and that Great Oaks will be the water service provider to its entire CPUC-authorized service area and the logical and approved extensions thereto.

3.3. Service Area Climate.

According to the United States Department of Commerce, National Oceanographic and Atmospheric Administration ("NOAA"):

> San José's latitude and location on the west coast of North America place the city in a Mediterranean type climate. This classification is mainly identified by sharply contrasting wet and dry seasons. The wet season runs from November through March. 82% of the yearly precipitation total falls within this period. Rainfall is sparse from May through October. Rain during the summer months of June, July and August normally totals only 0.20". Wet seasons are cool, but mild. Dry season weather is very consistent, with warm sunny days.

3.4. Service Area Population and Demographics

The 2020 population of Great Oaks' service area was estimated to be 106,450. Population estimates for the period covered by this UWMP are shown in the table below.

Submittal Table 3-1 Retail: Population - Current and Projected

Population Served	2020	2025	2030	2035	2040	2045*(opt)*
	106,450	112,582	119,168	126,115	133,367	141,036

NOTES: Population growth calculated using City of San Jose population growth factors (https://www.sanjoseca.gov/your-government/departments/planning-building-code-enforcement/planning-division/data-and-maps/demographics/population).

Great Oaks used census blocks within its authorized service area to estimate population of its service area for 2020. Then Great Oaks applied the rate of population growth for the City of San Jose, as noted in the table above for the period covered by this UWMP.

GREAT OAKS WATER COMPANY

GREAT OAKS WATER COMPANY

Chapter 4 – Water System Use

4.1. 2020 Water Demand by Customer Class

The table below 2020 actual water demand per customer class. Note that the Institutional/Governmental class includes both public authorities and schools.

Submittal Table 4-1 Retail: Demands for Potable and Non-Potable[1] Water - Actual			
Use Type	2020 Actual		
Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool	Additional Description (as needed)	Level of Treatment When Delivered Drop down list	Volume[2]
Add additional rows as needed			
Single Family		Drinking Water	1,892
Multi-Family		Drinking Water	698
Commercial	Business	Drinking Water	242
Industrial		Drinking Water	64
Institutional/Governmental	Includes Schools	Drinking Water	255
Landscape		Drinking Water	239
Agricultural irrigation		Drinking Water	5
Losses			238
		TOTAL	3,634

[1] *Recycled water demands are NOT reported in this table. Recycled water demands are reported in Table 6-4.*

[2] *Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.*

Agriculture water sales are included in this analysis even though such sales are *de minimus* and are expected to remain so. Great Oaks also provides water for public and private fire protection throughout its service area. Great Oaks does not provide raw water service. All Great Oaks customers have metered service.

4.2. Projected Demands for Potable Water

The tables below show projected potable water demand for each customer class in five-year increments from 2025 to 2045.

Submittal Table 4-2 Retail: Use for Potable and Non-Potable[1] Water - Projected						
Use Type	Additional Description (as needed)	Projected Water Use[2] *Report To the Extent that Records are Available*				
Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool		2025	2030	2035	2040	2045 (opt)
Add additional rows as needed						
Single Family		1,787	1,735	1,506	1,269	1,102
Multi-Family		604	604	584	548	530
Commercial	Business	276	216	204	188	179
Industrial		74	73	68	62	58
Institutional/Governmental	Includes Schools	275	208	173	141	117
Landscape		170	181	166	146	134
Agricultural irrigation		2	2	2	2	2
Losses		175	155	122	94	85
TOTAL		3,363	3,174	2,825	2,451	2,206

[1] *Recycled water demands are NOT reported in this table. Recycled water demands are reported in Table 6-4.* [2] *Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.*

NOTES: 2030 and 2040 Projections are calculated to comply with City of San Jose's Climate Smart San Jose plan. 2035 Projections are at the midway point between 2030 and 2040 Projections. 2045 Projections are based upon same rate of decline used to calculate 2040 projections. Losses are based upon the following percentages: 2025: 5.5%; 2030: 5.0%; 2035: 4.5%; 2040: 4.0%; 2045: 4.0%.

With respect to these projections, it should be noted that 2030 and 2040 Projections are calculated to comply with City of San Jose's Climate Smart San Jose Plan. 2035 Projections are at the midway point between 2030 and 2040 Projections. 2045 Projections are based upon same rate of decline used to calculate 2040 projections. Losses are based upon the following percentages: 2025: 5.5%; 2030: 5.0%; 2035: 4.5%; 2040: 4.0%; 2045: 4.0%.

Submittal Table 4-3 Retail: Total Water Use (Potable and Non-Potable)						
	2020	2025	2030	2035	2040	2045 (opt)
Potable Water, Raw, Other Non-potable *From Tables 4-1R and 4-2 R*	3,634	3,363	3,174	2,825	2,451	2,206
Recycled Water Demand[1] *From Table 6-4*	0	0	0	0	0	0
Optional Deduction of Recycled Water Put Into Long-Term Storage[2]						
TOTAL WATER USE	3,634	3,363	3,174	2,825	2,451	2,206

[1] Recycled water demand fields will be blank until Table 6-4 is complete *[2] Long term storage means water placed into groundwater or surface storage that is not removed from storage in the same year. Supplier **may** deduct recycled water placed in long-term storage from their reported demand. This value is manually entered into Table 4-3.*

4.3. Distribution System Water Losses

Water Code Section 10631(d)(3)(A) and (B) require the following:

> *(A) The distribution system water loss shall be quantified for each of the five years preceding the plan update, in accordance with rules adopted pursuant to Section 10608.34.*
>
> *(B) The distribution system water loss quantification shall be reported in accordance with a worksheet approved or developed by the department through a public process. The water loss quantification worksheet shall be based on the water system balance methodology developed by the American Water Works Association.*

The table below shows the results of water loss audits of the Great Oaks water system over the most recent five-year period, as required.

Submittal Table 4-4 Retail: Last Five Years of Water Loss Audit Reporting	
Reporting Period Start Date (mm/yyyy)	Volume of Water Loss [1,2]
01/2015	115.057
01/2016	54.688
01/2017	232.467
01/2018	183.316
01/2019	235.965

[1] Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet.

*[2] **Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*

4.4. Estimating Future Water Savings

Water Code Section 10631(d)(4) provides:

> *(A) Water use projections, where available, shall display and account for the water savings estimated to result from adopted codes, standards, ordinances, or transportation and land use plans identified by the urban water supplier, as applicable to the service area.*
>
> *(B) To the extent that an urban water supplier reports the information described in subparagraph (A), an urban water supplier shall do both of the following:*
>
> *(i) Provide citations of the various codes, standards, ordinances, or transportation and land use plans utilized in making the projections.*
>
> *(ii) Indicate the extent that the water use projections consider savings from codes, standards, ordinances, or transportation and land use plans. Water use projections that do not account for these water savings shall be noted of that fact.*

Great Oaks has incorporated future water savings and lower income residential demands in its projections.

Submittal Table 4-5 Retail Only: Inclusion in Water Use Projections	
Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) *Drop down list (y/n)*	Yes
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, or otherwise are utilized in demand projections are found.	https://www.sanjoseca.gov/your-government/environment/climate-smart-san-jos
Are Lower Income Residential Demands Included In Projections? *Drop down list (y/n)*	Yes

As noted in Section 3.2., above, this 2020 UWMP incorporates projected water savings consistent with the City of San Jose's Climate Smart San Jose Plan (https://www.sanjoseca.gov/your-government/environment/climate-smart-san-jos). The full citation is also provided in submittal table 4-5.

Climate Smart San Jose is a community-wide commitment to address climate change, reduce air pollution, save water, and improve quality of life. Great Oaks is part of that community and is using the City's Plan as a guide for Great Oaks to achieve the water savings goals of the Plan.

The City of San Jose's Climate Smart San Jose Plan utilizes various methods to produce water savings, including building code and other planning requirements for water efficient appliances and landscapes.

Other potential, but not yet realized changes to building and zoning (land use) have not been incorporated into the UWMP. One often-discussed proposal is to allow multifamily residential construction in neighborhoods that are at this time zoned for exclusively single-family residential dwellings. Speculation would be required to use this information about a zoning change that may, but has not yet occurred, and Great Oaks has not engaged in that sort of speculation for this UWMP.

The 2020 Urban Water Management Plan Guidebook developed by DWR suggests that water supplies should use land use classifications and other very granular data when projecting future water demand. The methodologies suggested utilize data that is not easily or inexpensively available to Great Oaks and are not utilized in this UWMP.

4.4.1. Water Use by Lower Income Households

Great Oaks has included the projected water use for lower income residential customers in this UWMP as part of its projected water use for single-family residential customers. Great Oaks does not have or maintain records on the income

levels of its customers and provides water service to its customers regardless of income levels. Great Oaks has a Customer Assistance Program (CAP) authorized by the CPUC that provides eligible and participating customers a fifty percent (50%) discount off the monthly service charge. Eligibility for the CAP is based upon customer eligibility for Pacific Gas & Electric's (PG&E) low income program (CARE). If a Great Oaks customer qualifies for PG&E's CARE program, that customer is automatically eligible for Great Oaks' CAP. At the end of calendar year 2020, 2,431 out of a total of 19,990 single-family residential customers (12.2%) were enrolled in Great Oaks' CAP. Great Oaks receives data from PG&E for CAP enrollment purposes at least two times annually, although due to the pandemic, the data exchanges will be more often, as many as four times each year.

4.5. Characteristic Five Year Water Use

Water Code Section 10635(b) provides:

> *Every urban water supplier shall include, as part of its urban water management plan, a drought risk assessment for its water service to its customers as part of information considered in developing the demand management measures and water supply projects and programs to be included in the urban water management plan. The urban water supplier may conduct an interim update or updates to this drought risk assessment within the five-year cycle of its urban water management plan update. The drought risk assessment shall include each of the following:*
>
> *(1) A description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts five consecutive water years, starting from the year following when the assessment is conducted.*
>
> *(2) A determination of the reliability of each source of supply under a variety of water shortage conditions. This may include a determination that a particular source of water supply is fully reliable under most, if not all, conditions.*
>
> *(3) A comparison of the total water supply sources available to the water supplier with the total projected water use for the drought period.*
>
> *(4) Considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.*

This is a new requirement for UWMPs and requires the preparation of a five-year Drought Risk Assessment (see Chapter 7, below). As a first step, water suppliers are recommended to estimate expected water use for the next five years without

drought conditions (also known as *unconstrained demand*, which does not factor in any water supply restrictions).

The concept of "unconstrained demand" requires a great deal of speculation, as water supply restrictions have been in place in Great Oaks' service area for quite some time and all prior estimates of future water use have factored such water supply restrictions into such estimates.

Great Oaks will estimate unconstrained demand beginning with 2020 actual water use, as during 2020 customers used water at greater volumes than in the recent past due to pandemic-related restrictions, resulting in more people at home using water. Table 4-1, above, serves as the starting point for estimating water usage from 2021 through 2025 with unconstrained demand. Customer projections for this five year period are also utilized for the calculations. Customer projections are based upon historic rates of customer growth.

Great Oaks will use the data in Table 4-7 when preparing its Drought Risk Assessment.

Table 4-6 Projected Customers 2021 - 2025

	2021	2022	2023	2024	2025
Single-Family Residential	19,979	19,990	20,050	20,110	20,170
Multi-Family Residential	626	629	645	661	677
Commercial	290	291	297	303	309
Industrial	54	55	56	57	58
Institutional/Governmental	190	191	189	187	183
Private Landscape	235	235	238	241	244
Agriculture	8	8	8	8	8

Table 4-7 Characteristic Five-Year Water Use (MG)

	2021	2022	2023	2024	2025
Single-Family Residential	1,892.7	1,893.7	1,899.4	1,905.1	1,910.8
Multi-Family Residential	698.3	701.7	719.5	737.4	755.2
Commercial	241.4	242.3	247.3	252.3	257.3
Industrial	64.1	65.3	66.5	67.7	68.9
Institutional/Governmental	255.2	256.2	254.3	252.5	248.9
Private Landscape	239.8	239.8	242.9	246.0	249.0
Agriculture	4.7	4.7	4.7	4.7	4.7
Losses	238.0	238.0	238.0	238.0	238.0
Totals	3,634.2	3,641.7	3,672.6	3,703.7	3,732.8

4.6. Climate Change Considerations

Water Code Section 10635(b) provides:

> *Every urban water supplier shall include, as part of its urban water management plan, a drought risk assessment for its water service to its customers as part of information considered in developing the demand management measures and water supply projects and programs to be included in the urban water management plan. The urban water supplier may conduct an interim update or updates to this drought risk assessment within the five-year cycle of its urban water management plan update. The drought risk assessment shall include each of the following:*
>
> …
>
> *(4) Considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.*

The climate in Great Oaks' service area certainly influences water usage, with higher usage patterns in warmer months. Great Oaks encourages conservation all year (consistent with California's goal to make conservation a way of life). WaterSmart reports are provided to customers year-round with information to help Great Oaks customers conserve, especially during historic higher-use months.

Increasing temperatures seem likely to increase demand for water, while extended drought periods will force the use of more effective conservation measures. Among the conservation measures that are most likely to have a beneficial effect on water supplies during times of warmer temperatures are landscape replacement programs. Great Oaks encourages its customer to take advantage of landscape/turf replacement programs offered by local government agencies.

GREAT OAKS WATER COMPANY

Chapter 5 – SB X7-7 Baselines and Targets

Water Code Section 10608.16(a) states:

> *The state shall achieve a 20-percent reduction in urban per capita water use in California on or before December 31, 2020.*

Water Code Section 10608.24(b) states:

> *Each urban retail water supplier shall meet its urban water use target by December 31, 2020.*

This chapter demonstrates Great Oaks' compliance with its SB X7-7 urban water use target.

5.1. Updates to 2015 Urban Water Management Plan Calculations

Great Oaks has not made any changes or updates to the data used to establish its SB X7-7 2020 water use target.

5.2. Service Area Population

The California Department of Water Resources reviewed and accepted Great Oaks' population estimation method as part of its review of Great Oaks' 2015 Urban Water Management Plan. Great Oaks has continued the use of that method for purposes of compliance with the SB X7-7 2020 water use target.

5.3. Baselines and Targets Summary for SB X7-7 Compliance

Great Oaks has not recalculated its baseline and target for this UWMP. There has been no change to Great Oaks' service area. There has been no change in the method by which Great Oaks classifies customers. The table below shows the baselines and targets established in Great Oaks' 2015 UWMP.

Submittal Table 5-1 Baselines and Targets Summary From SB X7-7 Verification Form
Retail Supplier or Regional Alliance Only

Baseline Period	Start Year *	End Year *	Average Baseline GPCD*	Confirmed 2020 Target*
10-15 year	*1999*	*2008*	*122*	*98*
5 Year	*2004*	*2008*	*80*	

**All cells in this table should be populated manually from the supplier's SBX7-7 Verification Form and reported in Gallons per Capita per Day (GPCD)*

5.4. Compliance with SB X7-7 Target

The population of Great Oaks' service area in 2020 was estimated to be 106,450. A total of 3,634 MG of water was used in 2020, resulting in a per capita water use of 93 GPCD, which is less than Great Oaks SB X7-7 target, as shown in the table below.

Submittal Table 5-2: 2020 Compliance
From SB X7-7 2020 Compliance Form
Retail Supplier or Regional Alliance Only

2020 GPCD			2020 Confirmed Target GPCD*	Did Supplier Achieve Targeted Reduction for 2020? Y/N
Actual 2020 GPCD*	2020 TOTAL Adjustments*	Adjusted 2020 GPCD* *(Adjusted if applicable)*		
93	*0*	*93*	*98*	*YES*

**All cells in this table should be populated manually from the supplier's SBX7-7 2020 Compliance Form and reported in Gallons per Capita per Day (GPCD)*

GREAT OAKS WATER COMPANY

Chapter 6 – Water System Supplies

Water Code Section 10631 provides:

> *(b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a), providing supporting and related information, including all of the following:*
>
> …
>
> *(4) If groundwater is identified as an existing or planned source of water available to the supplier, all of the following information:*
>
> *(A) The current version of any groundwater sustainability plan or alternative adopted pursuant to Part 2.74 (commencing with Section 10720), any groundwater management plan adopted by the urban water supplier, including plans adopted pursuant to Part 2.75 (commencing with Section 10750), or any other specific authorization for groundwater management for basins underlying the urban water supplier's service area.*
>
> *(B) A description of any groundwater basin or basins from which the urban water supplier pumps groundwater. For basins that a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. For a basin that has not been adjudicated, information as to whether the department has identified the basin as a high- or medium-priority basin in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to coordinate with groundwater sustainability agencies or groundwater management agencies listed in subdivision (c) of Section 10723 to maintain or achieve sustainable groundwater conditions in accordance with a groundwater sustainability plan or alternative adopted pursuant to Part 2.74 (commencing with Section 10720).*
>
> *(C) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.*
>
> *(D) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the urban water supplier. The*

description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

6.1. Groundwater Sustainability

The Santa Clara Valley Water District (Valley Water) is responsible for groundwater management in the areas where Great Oaks produces groundwater. Valley Water is the exclusive groundwater management agency within its statutory boundaries.

Valley Water submitted its Groundwater Management Plan pursuant to the Sustainable Groundwater Management Act in December of 2016. A copy of Valley Water's 2016 Groundwater Management Plan may be found on the Valley Water website at this location: https://www.valleywater.org/your-water/where-your-water-comes/groundwater/sustainable.

6.2. Basin Description

The Santa Clara Valley Groundwater Basin, Santa Clara Subbasin (Identified as Subbasin 2-9.02) is described in Bulletin 118 as follows:

> *The Santa Clara subbasin occupies a structural trough parallel to the northwest trending Coast Ranges. TheDiablo Range bounds it on the west and the Santa Cruz Mountains form the basin boundary on the east. It extends from the northern border of Santa Clara County to the groundwater divide near the town of Morgan Hill. The dominant geohydrologic feature is a large inland valley (Fio and Leighton 1995). The valley is drained to the north by tributaries to San Francisco Bay including Coyote Creek, the Guadalupe River, and Los Gatos Creek. Annual precipitation for the Santa Clara basin ranges from less than 16 inches in the valley to more than 28 inches in the upland areas.*

The Santa Clara Valley Groundwater Basin, Santa Clara Subbasin is not an adjudicated basin. In 2019, the California Department of Water Resources determined that the Santa Clara Valley Groundwater Basin, Santa Clara Subbasin is not in a condition of critical overdraft and designated it as low priority.[1]

6.3. Historical Groundwater Pumping

The amount of groundwater produced by Great Oaks over the past five years is shown in Table 6-1, below.

[1] DWR, 2019. Sustainable Groundwater Management Act 2018 Basin Prioritization, State of California, dated January 2019.

Submittal Table 6-1 Retail: Groundwater Volume Pumped						
☐	Supplier does not pump groundwater. The supplier will not complete the table below.					
☐	All or part of the groundwater described below is desalinated.					
Groundwater Type ***Drop Down List*** *May use each category multiple times*	Location or Basin Name	2016*	2017*	2018*	2019*	2020*
Add additional rows as needed						
Alluvial Basin	Santa Clara Valley Groundwater Basin, Santa Clara Subbasin	2903.7321	3257.2989	3348.6337	3386.5006	3627.9839
	TOTAL	2,904	3,257	3,349	3,387	3,628
**** Units of measure (AF, CCF, MG)*** *must remain consistent throughout the UWMP as reported in Table 2-3.*						

6.3.1. Other Sources of Water.

Great Oaks does not purchase treated water or utilize surface water in its service area. Great Oaks also does not utilize stormwater within its system. Valley Water is responsible for flood control within its jurisdiction.

Great Oaks also does not utilize wastewater or recycled water within its system, however, Great Oaks will supply recycled water when supply and infrastructure for doing so is available. Great Oaks has and will continue to encourage recycled water use within its service area, although none is available at this time. If or when recycled water becomes available for use within the Great Oaks service area, Great Oaks will include recycled water in its future water supply planning.

Submittal Table 6-2 Retail: Wastewater Collected Within Service Area in 2020

☑	There is no wastewater collection system. The supplier will not complete the table below.
	Percentage of 2020 service area covered by wastewater collection system *(optional)*
	Percentage of 2020 service area population covered by wastewater collection system *(optional)*

Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated? *Drop Down List*	Volume of Wastewater Collected from UWMP Service Area 2020 *	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is WWTP Located Within UWMP Area? *Drop Down List*	Is WWTP Operation Contracted to a Third Party? *(optional)* *Drop Down List*
Total Wastewater Collected from Service Area in 2020:		0				

**** Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3 .*

Submittal Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2020

☑ **No wastewater is treated or disposed of within the UWMP service area.** The supplier will not complete the table below.

Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number *(optional)* [2]	Method of Disposal *Drop down list*	Does This Plant Treat Wastewater Generated Outside the Service Area? *Drop down list*	Treatment Level *Drop down list*	2020 volumes [1] Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area	Instream Flow Permit Requirement
						Total	0	0	0	0	0

[1] **Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.
[2] If the **Wastewater Discharge ID Number** is not available to the UWMP preparer, access the SWRCB CIWQS regulated facility website at https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/CiwqsReportServlet?inCommand=reset&reportName=RegulatedFacility

Submittal Table 6-4 Retail: Recycled Water Direct Beneficial Uses Within Service Area

☑ Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.

Name of Supplier Producing (Treating) the Recycled Water:	
Name of Supplier Operating the Recycled Water Distribution System:	
Supplemental Water Added in 2020 (volume) *Include units*	
Source of 2020 Supplemental Water	

Beneficial Use Type *Insert additional rows if needed.*	**Potential** Beneficial Uses of Recycled Water (Describe)	Amount of **Potential** Uses of Recycled Water (Quantity) *Include volume units* [1]	General Description of 2020 Uses	Level of Treatment *Drop down list*	2020 [1]	2025 [1]	2030 [1]	2035 [1]	2040 [1]	2045 [1] (opt)
Agricultural irrigation										
Landscape irrigation (exc golf courses)										
Golf course irrigation										
Commercial use										
Industrial use										
Geothermal and other energy production										
Seawater intrusion barrier										
Recreational impoundment										
Wetlands or wildlife habitat										
Groundwater recharge (IPR)										
Reservoir water augmentation (IPR)										
Direct potable reuse										
Other (Description Required)										
				Total:	0	0	0	0	0	0
				2020 Internal Reuse						

[1] ***Units of measure (AF, CCF, MG)*** *must remain consistent throughout the UWMP as reported in Table 2-3.*

Submittal Table 6-5 Retail: 2015 UWMP Recycled Water Use Projection Compared to 2020 Actual		
☑	Recycled water was not used in 2015 nor projected for use in 2020. The supplier will not complete the table below. If recycled water was not used in 2020, and was not predicted to be in 2015, then check the box and do not complete the table.	
Beneficial Use Type	**2015 Projection for 2020 [1]**	**2020 Actual Use [1]**
Insert additional rows as needed.		
Agricultural irrigation		
Landscape irrigation (exc golf courses)		
Golf course irrigation		
Commercial use		
Industrial use		
Geothermal and other energy production		
Seawater intrusion barrier		
Recreational impoundment		
Wetlands or wildlife habitat		
Groundwater recharge (IPR)		
Reservoir water augmentation (IPR)		
Direct potable reuse		
Other (Description Required)		
Total	0	0
[1] **Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.		

Submittal Table 6-6 Retail: Methods to Expand Future Recycled Water Use			
☑	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.		
	Provide page location of narrative in UWMP		
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use *
Add additional rows as needed			
		Total	0
***Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*			
NOTES: Should recycled water become available in Great Oaks' service area, Great Oaks will be the supplier of recycled water to customers in its service area.			

Great Oaks does not plan or anticipate any future water exchanges or transfers.

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Great Oaks does expect to add at least one groundwater well that is expected to increase available water supply by an estimated 841 MG. The new well would be installed in the 2025 – 2026 time frame.

Submittal Table 6-7 Retail: Expected Future Water Supply Projects or Programs						
☐	No expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.					
☐	Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.					
	Provide page location of narrative in the UWMP					
Name of Future Projects or Programs	Joint Project with other suppliers?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type *Drop Down List*	Expected Increase in Water Supply to Supplier* *This may be a range*
	Drop Down List (y/n)	*If Yes, Supplier Name*				
Add additional rows as needed						
Groundwater Well(s)	No			2025 or 2026	Average Year	841
***Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*						

6.4. Summary of Existing and Planned Sources of Water

Projected water supplies are based upon combined total safe yields from Great Oaks' existing and projected groundwater wells and are shown in the tables below.

Submittal Table 6-8 Retail: Water Supplies — Actual				
Water Supply	Additional Detail on Water Supply	2020		
Drop down list May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool		Actual Volume*	Water Quality Drop Down List	Total Right or Safe Yield* (optional)
Add additional rows as needed				
Groundwater (not desalinated)	20 Groundwater Wells	3,628	Drinking Water	
	Total	3,628		0
***Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*				

Submittal Table 6-9 Retail: Water Supplies — Projected											
Water Supply	Additional Detail on Water Supply	Projected Water Supply * Report To the Extent Practicable									
Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool		2025		2030		2035		2040		2045 (opt)	
		Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)
Add additional rows as needed											
Groundwater (not desalinated)	Groundwater Wells	11,839		12,680		12,680		12,680		12,680	
Total		11,839	0	12,680	0	12,680	0	12,680	0	12,680	0
*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.											

6.5. Energy Use

Water Code Section 10631.2(a) provides:

> *In addition to the requirements of Section 10631, an urban water management plan shall include any of the following information that the urban water supplier can readily obtain:*
>
> *(1) An estimate of the amount of energy used to extract or divert water supplies.*
>
> *(2) An estimate of the amount of energy used to convey water supplies to the water treatment plants or distribution systems.*
>
> *(3) An estimate of the amount of energy used to treat water supplies.*
>
> *(4) An estimate of the amount of energy used to distribute water supplies through its distribution systems.*
>
> *(5) An estimate of the amount of energy used for treated water supplies in comparison to the amount used for nontreated water supplies.*
>
> *(6) An estimate of the amount of energy used to place water into or withdraw from storage.*
>
> *(7) Any other energy-related information the urban water supplier deems appropriate.*

Great Oaks' energy usage estimates are based upon the amount of energy used to extract water from the groundwater basin and distribute that water through its distribution system.

The following table, using the "Total Utility Approach," shows energy usage in 2020.

Urban Water Supplier: *Great Oaks Water Company*

Water Delivery Product (If delivering more than one type of product use Table O-1C)

Retail Potable Deliveries

Table 6-10: Recommended Energy Reporting - Total Utility Approach				
Enter Start Date for Reporting Period	1/1/2020	**Urban Water Supplier Operational Control**		
End Date	12/31/2020			
☐ Is upstream embedded in the values reported?		**Sum of All Water Management Processes**	**Non-Consequential Hydropower**	
Water Volume Units Used	*MG*	Total Utility	Hydropower	Net Utility
Volume of Water Entering Process (volume unit)		*3628*		*3628*
Energy Consumed (kWh)		*4562731.063*		*4562731.063*
Energy Intensity (kWh/vol. converted to MG)		*1257.6*	*0.0*	*1257.6*

Quantity of Self-Generated Renewable Energy

0 kWh

Data Quality *(Estimate, Metered Data, Combination of Estimates and Metered Data)*

Metered Data

Data Quality Narrative:

Each well and pump is metered for energy usage.

Narrative:

All water entering the distribution system comes from groundwater wells, each of which utilizes an electric pump to produce the water. Distributing the water through the system, including storing water in tanks for later distribution, is also accomplished using electric pumps.

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Chapter 7 – Water Service Reliability and Drought Risk Assessment

Water Code Section 10635(a) provides:

> *Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the long-term total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and a drought lasting five consecutive water years. The water service reliability assessment shall be based upon the information compiled pursuant to Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.*

Assessing water service reliability is one of the fundamental purposes of Urban Water Management Plans. Water service reliability reflects the water supplier's ability to meet the water needs of its customers under varying conditions.

The Drought Risk Assessment is a new addition to UWMPs and provides the opportunity for water suppliers to test the near-term reliability by assuming the next five years will be dry years.

7.1. Constraints on Water Sources

Whether Valley Water adequately or responsibly manages the groundwater in the Santa Clara Valley Groundwater Basin will always be an issue that must be considered when assessing the reliability of water supplies. Valley Water delayed necessary work on Anderson Dam until it was forced to take action in 2020. Now and for at least the next ten years, Valley Water's largest reservoir – Anderson Reservoir – will be out of service while Anderson Dam is reconstructed. Since Valley Water has never been in this situation before, how Valley Water reacts to dry conditions without its largest reservoir will be a determinative factor in the reliability of water supplies, especially groundwater supplies in Great Oaks' service area. Valley Water offers assurance that it will manage the water supplies and conduct managed recharge operations appropriately so as not to negatively impact water supply reliability. Whether this is true will be determined over the time period Anderson Reservoir is out of service. Great Oaks' Drought Risk Assessment is based upon current information, including Valley Water's assurances that it will manage groundwater resources appropriately. Information on Valley Water's water supply reliability assessments may be found in Valley Water's 2020 Urban Water Management Plan.

7.2. Water Supply Reliability

The following table shows the basis for Great Oaks' water reliability assessment.

Submittal Table 7-1 Retail: Basis of Water Year Data (Reliability Assessment)			
Year Type	**Base Year** If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 2019-2020, use 2020	**Available Supplies if Year Type Repeats**	
		☐ Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location _____	
		☑ Quantification of available supplies is provided in this table as either volume only, percent only, or both.	
		Volume Available *	**% of Average Supply**
Average Year	2013	11839	100%
Single-Dry Year	1977	9471	80%
Consecutive Dry Years 1st Year	2012	9234	78%
Consecutive Dry Years 2nd Year	2013	9826	83%
Consecutive Dry Years 3rd Year	2014	9116	77%
Consecutive Dry Years 4th Year	2015	9234	78%
Consecutive Dry Years 5th Year	2016	9116	77%

Supplier may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If a Supplier uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.

***Units of measure (AF, CCF, MG**) must remain consistent throughout the UWMP as reported in Table 2-3.*

NOTES: Great Oaks has used Santa Clara Valley Water District planning data for the percentages of Average Supply available during the five consecutive dry years from its 2020 Urban Water Management Plan. Santa Clara Valley Water District is responsible for management of the groundwater supplies from which Great Oaks' wells draw water for the Great Oaks water system. The volume available for the average year (2013) is the total volume available from all Great Oaks wells in operation in 2020. % of Average Supply for the Single Dry Year (1977) is based upon the volume available in the Average Year, using Santa Clara Valley Water District's value of 80% of available supplies being available in such a year.

Great Oaks' water service reliability assessment combines the details of its water use analysis in Chapter 4 with its water supply analysis in Chapter 6. This is intended to provide a complete picture of both short-term and long-term water service reliability.

The following tables summarize water service/water supply reliability for normal (average), single dry year, and five consecutive dry years through 2045.

Table 7-2 compares data in Tables 6-9 and 4-3. For more information about those tables, please see Chapters 6 and 4, respectively.

Submittal Table 7-2 Retail: Normal Year Supply and Demand Comparison					
	2025	2030	2035	2040	2045 *(Opt)*
Supply totals *(autofill from Table 6-9)*	11,839	12,680	12,680	12,680	12,680
Demand totals *(autofill from Table 4-3)*	3,363	3,174	2,825	2,451	2,206
Difference	8,475	9,506	9,854	10,228	10,474

Table 7-3 provides the single dry year supply and demand comparison.

Submittal Table 7-3 Retail: Single Dry Year Supply and Demand Comparison					
	2025	2030	2035	2040	2045 (Opt)
Supply totals*	9,471	9,471	9,471	9,471	9,471
Demand totals*	3,363	3174	2,825	2,451	2,206
Difference	6,108	6,297	6,646	7,020	7,265
***Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*					

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Table 7-4 provides the multiple dry years supply and demand comparison.

Submittal Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison						
		2025*	2030*	2035*	2040*	2045* (Opt)
First year	Supply totals	9,234	9,234	9,234	9,234	9,234
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,871	6,060	6,409	6,783	7,028
Second year	Supply totals	9,826	9,826	9,826	9,826	9,826
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	6,463	6,652	7,001	7,375	7,620
Third year	Supply totals	9,116	9,116	9,116	9,116	9,116
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,753	5,942	6,291	6,665	6,910
Fourth year	Supply totals	9,234	9,234	9,234	9,234	9,234
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,871	6,060	6,409	6,783	7,028
Fifth year	Supply totals	9,116	9,116	9,116	9,116	9,116
	Demand totals	3,363	3,174	2,825	2,451	2,206
	Difference	5,753	5,942	6,291	6,665	6,910
Sixth year *(optional)*	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0
***Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Table 2-3.*						

7.3. Drought Risk Assessment

Water Code Section 10635(b) provides:

> *Every urban water supplier shall include, as part of its urban water management plan, a drought risk assessment for its water service to its customers as part of information considered in developing the demand management measures and water supply projects and programs to be included in the urban water management plan. The urban water supplier may conduct an interim update or updates to this drought risk assessment within the five-year cycle of its urban water management plan update. The drought risk assessment shall include each of the following:*
>
> *(1) A description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts five consecutive water years, starting from the year following when the assessment is conducted.*
>
> *(2) A determination of the reliability of each source of supply under a variety of water shortage conditions. This may include a determination that a particular source of water supply is fully reliable under most, if not all, conditions.*
>
> *(3) A comparison of the total water supply sources available to the water supplier with the total projected water use for the drought period.*
>
> *(4) Considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.*

Table 7-5, below, is based upon projected water usage shown in Table 4-2 and projected water demands in Table 6-8 during a five-year consecutive dry year period. Projected water supplies meet projected demands throughout the five-year dry period.

Submittal Table 7-5: Five-Year Drought Risk Assessment Tables to address Water Code Section 10635(b)	
2021	**Total**
Total Water Use	3,363
Total Supplies	3,628
Surplus/Shortfall w/o WSCP Action	265
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	265
Resulting % Use Reduction from WSCP action	0%
2022	**Total**
Total Water Use	3,174
Total Supplies	3,628
Surplus/Shortfall w/o WSCP Action	454
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	454
Resulting % Use Reduction from WSCP action	0%
2023	**Total**
Total Water Use	2,825
Total Supplies	3,628
Surplus/Shortfall w/o WSCP Action	803
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	803
Resulting % Use Reduction from WSCP action	0%
2024	**Total**
Total Water Use	2,451
Total Supplies	3,628
Surplus/Shortfall w/o WSCP Action	1,177
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	1,177
Resulting % Use Reduction from WSCP action	0%
2025	**Total**
Total Water Use	2,206
Total Supplies	3,628
Surplus/Shortfall w/o WSCP Action	1,422
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	1,422
Resulting % Use Reduction from WSCP action	0%

7.3.1. Discussion

Based upon the analysis above, Great Oaks concludes that it has sufficient water supplies to meet projected water demands during a five-year consecutive dry year scenario. As noted above, much depends upon Valley Water's groundwater management activities, especially during the time period the Anderson Reservoir is out of commission.

In the event Valley Water's actions with respect to groundwater management and recharge during the time period Anderson Reservoir is not in service prove inadequate, Great Oaks will implement its Water Shortage Contingency Plan stage-by-stage, if necessary, to retain water service/water supply reliability. Such measures would be supported by activation of Great Oaks' Schedule No. 14.1 Mandatory Water Conservation tariff, which includes specific unauthorized water uses and mechanisms to adopt and enforce allocations (rationing).

7.4 Annual Water Supply and Demand Assessment Procedure

7.4.1. Decision Making Process.

Great Oaks will maintain communications with Valley Water, including its groundwater management personnel, through involvement in the Valley Water Retailer Groundwater Subcommittee. Through these communications, Great Oaks will remain informed of groundwater conditions and any issues and/or events that may impact future groundwater conditions.

Great Oaks also checks the aquifer levels at its well sites on a regular basis and maintains this data to inform decision-making on annual and long-term water supply assessments.

Decisions on actions to be taken by Great Oaks for Annual Water Supply and Demand Assessments will be made by upper management based upon data collected as to water supply and customer demand, as guided by any actions taken by Valley Water to reduce demand, including, but not limited to the declaration of water shortage emergencies. Board action is not necessary to make or implement decisions as to annual water supply and demand assessments.

7.4.2. Methodology for Annual Assessment.

Demand is to be compared against water production capacity for each well and for all wells in combination. Factored into the demand side of the equation will be any and all mandatory water conservation requirements (e.g., implementation of Stage 3 of the Water Shortage Contingency Plan, calling for reductions in water use of 20 to 30%. Great Oaks will request authority from the California Public Utilities Commission to implement various stages of its Tariff Schedule No. 14.1 Water

Conservation and Rationing Plan to establish appropriate conservation allocations and excess usage surcharges to encourage conservation and discourage overuse of water.

7.4.3. Annual Assessment Information FY2022-23.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2022
End: June 30,	2023
Supplier's Annual Assessment Planning Cycle	
Start Month:	Jul-22
End Month:	Jun-23
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Demand: *(Must use the same unit throughout)*	MG
Water Supplier's Contact Information	
Water Supplier's Name:	Great Oaks Water Co.
Contact Name:	Timothy S. Guster
Contact Title:	Vice President and General Counsel
Street Address:	20 Great Oaks Boulevard, Suite 120, San Jose, CA
ZIP Code:	95119
Phone Number:	408-227-9540
Email Address:	tguster@greatoakswater.com
Report Preparer's Contact Information *(if different from above)*	
Preparer's Organization Name:	
Preparer's Contact Name:	
Phone Number:	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	Great Oaks Water Company Water Shortage Contingency Plan
WSCP Adoption Date	6/29/21
Other Annual Assessment Related Activities (Optional)	
Activity	**Timeline/ Outcomes / Links / Notes**
Annual Assessment/ Shortage Report Title:	Great Oaks Water Company Annual Water Supply and Demand Assessment
Annual Assessment / Shortage Report Approval Date:	5/24/22
Other Annual Assessment Related Activities:	Great Oaks Water Company continues to call for 15% reduction in water usage as compared to 2019 in response to the Santa Clara Valley Water District's Water Shortage Emergency, declared in June of 2021.

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Chapter 8 – Water Shortage Contingency Planning

Water Code Section 10632 requires that each Urban Water Management Plan include a Water Shortage Contingency Plan (WSCP). The WSCP must include a written decision-making process to be used by the water supplier to determine water supply reliability.

8.1. WSCP Stages of Action

As Great Oaks relies upon the groundwater supplies managed by Valley Water, Great Oaks utilizes Valley Water's WSCP as its own for decision-making. Valley Water's WSCP is detailed in the table below.

Submittal Table 8-1
Water Shortage Contingency Plan Levels

Shortage Level	Percent Shortage Range	Shortage Response Actions (*Narrative description*)
1	0% - 10%	Stage 1 is normal water supply available when groundwater storage is substantially full and no water shortage actions are necessary.
2	10% - 20%	Stage 2 is the alert stage that is meant to warn the public that current water use is tapping groundwater reserves. This stage is triggered when groundwaster storage is projected to drop below 300,000 AF and the Board may request the public and retailers reduce water use by up to 10%.
3	20% - 30%	Stage 3 is the severe stage. Shortage conditions are worsening, requiring close coordination with retailers and cities to enact ordinances and water use restrictions. This stage is triggered when groundwater storage falls below 250,000 AF. The Board may pass a resolution that requests the public and
4	30% - 40%	Critical conditions - This is typically the most severe stage in a multi-year drought. This stage is triggered when Valley Water projects that groundwater storage will fall below 200,000 AF. The Board of Valley Water may increase the demand reduction request up to 40 percent.
5	40% - 50%	Stage 5 is for emergency situations. It is meant to address an immediate crisis such as a major infrastructure failure when water supply may only be available to meet health and safety needs. Stage 5 can also be triggered in a deep drought when groundwater levels are projected to fall below 150,000 AF. Water
6	Over 50%	Extreme Emergency Situations - This stage is meant to address an extreme crisis such as a major infrastructure failure when the water supply may be only available to meet health and safety needs. Stage 6 can also be triggered in an extreme drought when groundwater levels are projected to be materially less

8.2. Shortage Response Actions

Water Shortage Contingency Plans are required to include water shortage response actions listed in Water Code Section 10632(a)(4), which provides:

> *Shortage response actions that align with the defined shortage levels and include, at a minimum, all of the following:*
>
> *(A) Locally appropriate supply augmentation actions.*
>
> *(B) Locally appropriate demand reduction actions to adequately respond to shortages.*
>
> *(C) Locally appropriate operational changes.*
>
> *(D) Additional, mandatory prohibitions against specific water use practices that are in addition to state-mandated prohibitions and appropriate to the local conditions.*
>
> *(E) For each action, an estimate of the extent to which the gap between supplies and demand will be reduced by implementation of the action.*

The following table provides the water shortage response actions, including restrictions and prohibitions on end use.

Submittal Table 8-2: Demand Reduction Actions

Shortage Level	Demand Reduction Actions ***Drop down list*** *These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.*	How much is this going to reduce the shortage gap? *Include units used (volume type or percentage)*	Additional Explanation or Reference *(optional)*	Penalty, Charge, or Other Enforcement? ***For Retail Suppliers Only*** *Drop Down List*
Add additional rows as needed				
1	Expand Public Information Campaign	0 - 10%	Normal Operations and Water Supply	No
2	Other	10 - 20%	Pursuant to Tariff Schedule No. 14.1, Great Oaks may institute mandatory water conservation measures, including conservation allocations and excess usage surcharges. In addition, Tariff Schedule 14.1: Prohibits all use of potable water that results in flooding or runoff in gutters or streets; Prohibits use of potable water for washing buildings, sructures, driveways, patios, parking lots, tennis courts, or other hard-surfaced areas, except in cases where health and safety are at risk; Prohibits individual private washing of cars with a hose except with the use of a positive action shut-off nozzle; Prohibits individual private washing of cars with a hose except	Yes
3	Other	20 - 30%	All actions of Tariff Rule 14.1 are available to address water shortage level. Mandatory water conservation allocations increased to reduce water usage by 20 - 30%.	Yes
4	Other	30 - 40%	All actions of Tariff Rule 14.1 are available to address water shortage level. Mandatory water conservation allocations increased to reduce water usage by 30 - 40%.	Yes
5	Other	40 - 50%	All actions of Tariff Rule 14.1 are available to address water shortage level. Mandatory water conservation allocations increased to reduce water usage by 40 - 50%.	Yes
6	Other	Over 50%	All actions of Tariff Rule 14.1 are available to address water shortage level. Mandatory water conservation allocations increased to reduce water usage by more than 50%.	Yes

NOTES: Tariff Schedule No. 14.1 is provided in the 2020 Urban Water Management Plan, at pp. 45 - 50. The current version of Schedule No. 14.1 may be viewed here: https://greatoakswater.com/TariffPDFs/GOWC_ScheduleNo141.pdf.

8.3. Communications Protocols and Procedures

Water Code Section 10632(a)(5) requires that a WSCP include:

> *Communication protocols and procedures to inform customers, the public, interested parties, and local, regional, and state governments, regarding, at a minimum, all of the following:*
>
> *(A) Any current or predicted shortages as determined by the annual water supply and demand assessment described pursuant to Section 10632.1.*
>
> *(B) Any shortage response actions triggered or anticipated to be triggered by the annual water supply and demand assessment described pursuant to Section 10632.1.*
>
> *(C) Any other relevant communications.*

Great Oaks communicates with its customers on a regular basis on water conservation issues. In the event Great Oaks is to implement certain mandatory water conservation measures under its Rule No. 14.1 and Schedule No. 14.1 (including the declaration of water shortage emergency), Water Standard Practice (adopted by the California Public Utilities Commission in its Resolution W-4976) requires a public hearing. Water Standard Practice U-40-W may be accessed through this link:

https://www.cpuc.ca.gov/uploadedFiles/CPUC_Public_Website/Content/Utilities_and_Industries/Water/Standard_Practice_U40W_2014_wo.pdf.

Standard Practice U-40-W authorizes, under certain prescribed circumstances, the ability to address revenue reductions and expense increases resulting from water shortage emergency conditions.

CPUC Resolution W-5000 also requires Great Oaks to coordinate its actions in the event demand management and other measures are insufficient, including with respect to declarations of local emergencies.

8.4. Seismic Risk Assessment and Mitigation Plan

Great Oaks addresses the issue of seismic risk assessment and mitigation through its Emergency Response Plan (ERP) and its Infrastructure and Facilities Master Plan, both of which have been submitted and accepted by the California Public Utilities Commission.

Great Oaks' ERP includes seismic/earthquake risks and response actions, including a specific earthquake event scenario. Great Oaks' ERP also utilizes the Standardized Emergency Management System (SEMS), as required by Government Code § 8607(a) for managing response to multi-agency and multi-jurisdiction

emergencies, such as major seismic events. Great Oaks will utilize its ERP in response to seismic events.

Great Oaks also utilizes its Infrastructure and Facilities Master Plan to evaluate its water system infrastructure and specific facilities that may be vulnerable to seismic events. Pipelines and water storage facilities are monitored and maintained closely and Great Oaks requests and receives authority from the California Public Utilities Commission to improve and/or replace any such facilities should they represent a greater risk of failure due to natural events, including earthquakes.

Great Oaks has sufficient groundwater extraction capabilities (wells) so that should a seismic event cause one or more wells to be out of service for a period of time, Great Oaks retains the ability to meet customer demand. The wells are spread throughout Great Oaks' service area, making it less likely that a single seismic event will disable access to all sources of supply.

Great Oaks is also an active participant in Valley Water's discussions and communications about how that agency maintains and replaces infrastructure due to seismic risk concerns. At present, the County's largest reservoir is out of service while its dam is replaced with one less vulnerable to seismic events. Through its active participation in Valley Water's Retailer Groundwater Subcommittee, Great Oaks is in direct communication regarding groundwater issues directly affected by Valley Water's Anderson Dam project. Great Oaks also participates in Valley Water's emergency response communications and retailer coordination efforts, both of which would be active in response to a seismic event.

GREAT OAKS WATER COMPANY

Chapter 9 – Demand Management Measures

This chapter describes past and planned demand management (conservation) measures Great Oaks has and will rely upon to encourage (and sometimes require) customers to conserve and reduce water demand/usage during specific circumstances and over the period covered by the UWMP.

9.1. Existing Demand Management Measures

Water Code Section 10631(e) states:

> *Provide a description of the supplier's water demand management measures. This description shall include all of the following:*
>
> *(1) (A) For an urban retail water supplier, as defined in Section 10608.12, a narrative description that addresses the nature and extent of each water demand management measure implemented over the past five years. The narrative shall describe the water demand management measures that the supplier plans to implement to achieve its water use targets pursuant to Section 10608.20.*
>
> *(B) The narrative pursuant to this paragraph shall include descriptions of the following water demand management measures:*
>
> *(i) Water waste prevention ordinances.*
>
> *(ii) Metering.*
>
> *(iii) Conservation pricing.*
>
> *(iv) Public education and outreach.*
>
> *(v) Programs to assess and manage distribution system real loss.*
>
> *(vi) Water conservation program coordination and staffing support.*
>
> *(vii) Other demand management measures that have a significant impact on water use as measured in gallons per capita per day, including innovative measures, if implemented.*

9.1.1. Demand Management Measures Implemented Over Past Five Years.

In 2015, Great Oaks updated and activated its Schedule No. 14.1 tariff in response to the declared drought emergency. The current version of Tariff Schedule No. 14.1 is provided below. This provides a comprehensive approach to mandatory water conservation/demand management measures.

Additional demand management measures implemented by Great Oaks are summarized following Tariff Schedule No. 14.1.

SLIP/SUB SHEET

GREAT OAKS WATER COMPANY (Original) Cal. P.U.C. Sheet No. 768-W
San Jose, California Canceling _____ Cal. P.U.C. Sheet No. _____

Schedule No. 14.1 (N)
MANDATORY WATER CONSERVATION
SUPPLEMENT

A. APPLICABILITY

1. This schedule applies to all metered water service. For purposes of this tariff, the term "customer" is defined as a service connection. It is only effective in times of mandatory rationing, as required by Rule No. 14.1, and only for the period noted in the Special Conditions section below.

2. This schedule shall remain dormant until a specific stage is activated by Commission authorization of a Tier 2 advice letter.

3. When a particular stage of this schedule is activated, the period over which it shall be effective will be added to the tariff language.

B. TERRITORY

1. This Schedule is applicable within the entire territory served by the utility.

C. STAGES OF MANDATORY CONSERVATION MEASURES

1. Stage 1: When mandatory conservation measures are ordered or otherwise declared by an authorized government agency or official, the conservation measures pertaining to non-essential or unauthorized water use listed in Rule No. 14.1 become mandatory. The Utility shall also provide notice to its customers by newspaper publication or bill insert, and such notice shall provide the effective date of such mandatory conservation measures.

   When such conservation measures pertaining to non-essential or unauthorized water uses listed in Rule No. 14.1 become mandatory pursuant to this Stage, such non-essential or unauthorized water uses are deemed to be a waste of water and shall be subject to the provisions of Rule No. 11 for waste of water.

2. Stage 2: Water supply is reduced 10.01% - 20.00%, water conservation of 10.01% - 20.00% has been ordered by an authorized government agency or official, or water restrictions at Stage 1 have not been effective in reducing water usage to the prescribed level.

3. Stage 3: Water supply is reduced 20.01% or more, water conservation of 20.01% or more has been ordered by an authorized government agency or official, or water restrictions at Stage 2 have not been effective in reducing water usage to the prescribed level. (N)

(To be inserted by utility) *Issued by* (To be inserted by Cal. P.U.C.)
Advice Letter No. 245-W-A Timothy S. Guster Date Filed MAY 22 2015
NAME
Decision No. Res. W-4976; Res. W-5034 Vice President and General Counsel Effective JUN 12 2015
TITLE
Decision/Resolution No. _____

GREAT OAKS WATER COMPANY
San Jose, California

Canceling

Revised Cal. P.U.C. Sheet No. 814-W
Original Cal. P.U.C. Sheet No. 769-W

Schedule No. 14.1
MANDATORY WATER CONSERVATION
(continued)

D. MANDATORY WATER USE RESTRICTIONS AT EACH STAGE

1. In addition to the water use restrictions listed in the Utility's Rule No. 14.1 – Section A (Conservation – Non-Essential or Unauthorized Water Use), which become mandatory restrictions when any Stage of Schedule No. 14.1 is activated, the following mandatory excess water use restrictions apply to water usage at each stage of mandatory conservation measures. These reduced usage levels shall be determined based upon either historical average customer usage for a defined time period, average customer class usage for a defined time period, or another method that accounts for historical customer conservation efforts:

a. Stage 1: Customer usage reduced by 90.00% to 99.9% of specific level.
b. Stage 2: Customer usage reduced to 80.00% to 89.99% of specified level.
c. Stage 3: Customer usage reduced to 79.99% or less of specified level.

E. UNAUTHORIZED USE SURCHARGES

1. When a Stage of this Schedule No. 14.1 has been activated with Commission authorization, the water use restrictions of Section A of Rule No. 14.1, as well as those listed in Section D of this Schedule No. 14.1 become mandatory. If a customer violates such water use restrictions, as set forth in Section A of Rule No. 14.1 and in the Section H. Special Conditions of this Schedule No. 14.1, the customer will be subject to the following Unauthorized Use Surcharges:

a. First Offense: Written warning mailed to customer.
b. Second Offense (same restriction): $25.00 Unauthorized Use Surcharge.
c. Each Additional Offense (same restriction): $25.00 more than previous Unauthorized Use Surcharge.

2. Offenses for separate water use restrictions will go through the same progressive levels as provided in subsection 1, above.

F. DROUGHT ALLOCATIONS AND EXCESS USAGE SURCHARGES

1. For all potable water customers, the Drought Allocation is based upon individual customer usage in 2013, the base year applicable to this Schedule No. 14.1, less the percentage of conservation required, as determined by appropriate state and/or local authorities. For this Schedule No. 14.1, the percentage of conservation required is twenty percent (20%), making the Drought Allocation equal to eighty percent (80%) of individual customer usage in 2013. (C) | (C)

(To be inserted by utility)
Advice Letter No. 254-W
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Timothy S. Guster
NAME
Vice President and General Counsel
TITLE

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GREAT OAKS WATER COMPANY
San Jose, California

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Revised Cal. P.U.C. Sheet No. 815-W
Original Cal. P.U.C. Sheet No. 770-W

Schedule No. 14.1
MANDATORY WATER CONSERVATION
(continued)

2. In recognition that some single-family residential customers conserve water at all times, not just in times of drought, a minimum Drought Allocation has been established of 7 ccf per month (5,236 gallons per month) for this Schedule No. 14.1. In practice, if the Drought Allocation for a single-family residential customer based upon actual 2013 usage calculates to less than 7 ccf per month, that customer's Drought Allocation will be set at 7 ccf per month pursuant to this minimum Drought Allocation procedure.

3. In recognition that some single-family residential customers do not have an established 2013 history of usage, the following table shows the Drought Allocations that will be applied to those single-family residential customers without an established 2013 history of usage.

Drought Allocations for Single-Family
Residential Customers Without 2013 Usage History
(all values in ccf)

January	7	July	12
February	7	August	13
March	7	September	12
April	7	October	10
May	9	November	9
June	11	December	8

5. If a customer exceeds an applicable Drought Allocation, the customer shall be subject to the following Excess Usage Surcharge:

For usage over the applicable Drought Allocation (i.e., the amount of excess usage), the customer shall be charged two-times the Schedule No. 1 quantity rate for all water delivered, per 100 Cu.Ft. (C) | (C)

6. Excess Usage Surcharges shall be in addition to all other charges for water service. Customers participating in the Utility's Low Income Customer Assistance Programs shall be entitled to a 50% reduction in Excess Usage Surcharges upon written request.

7. If a customer exceeds an applicable Drought Allocation in three consecutive billing periods, in addition to the Excess Usage Surcharges for such violations, the Utility may install a flow-restricting device on the customer's service line, subject to the following conditions:

a. The flow-restricting device shall be capable of providing a minimum of 3 ccf per person per month to the service residence, based upon the actual or estimated number of persons living in the service residence. A flow-restricting device shall not be installed if doing so would violate fire flow requirements.

(To be inserted by utility)
Advice Letter No. 254-W
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Vice President and General Counsel
TITLE

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SLIP/SUB SHEET

GREAT OAKS WATER COMPANY Original Cal. P.U.C. Sheet No. 771-W
San Jose, California Canceling Cal. P.U.C. Sheet No.

SUPPLEMENT

Schedule No. 14.1
MANDATORY WATER CONSERVATION
(continued)

(N)

b. The flow-restricting device may only be removed by the Utility and only after a minimum three-day period.

c. Any tampering with the flow-restricting device may result in the discontinuation of the customer's water service and the customer being charged for any damage to the Utility's equipment or facilities and any required service visits.

d. After removal of the flow-restricting device, if the Utility verifies that the customer is using potable water for non-essential or unauthorized uses as listed in Rule No. 14.1, the Utility may install another flow-restricting device without prior notice to the customer. This flow-restricting device shall remain in place until water supply conditions warrant its removal. If, despite the installation of the flow-restricting device, the Utility verifies that the customer is using potable water for non-essential or unauthorized uses as listed in Rule No. 14.1, then the Utility may discontinue the customer's water service as provided in Rule No. 11.

G. FLOW-RESTRICTING DEVICE CHARGES

The charge for removal of a flow-restricting device installed for a waste of water shall be:

Meter Size	Removal Charge
5/8" to 1-inch	$ 45.00
1 ½-inch to 2-inch	$ 90.00
3-inch and larger	Actual cost

H. SPECIAL CONDITIONS

1. This Schedule No. 14.1 shall remain in effect until the Utility files a Tier 1 advice letter to deactivate a particular Stage or the Schedule in its entirety.

2. Unauthorized Use and Excess Use Surcharges must be separately itemized on each bill.

3. Surcharges under this Schedule are subject to the reimbursement fee set forth on Schedule No. UF.

4. All amounts collected by the Utility through drought surcharges shall not be accounted for as income, but shall be recorded to the Utility's authorized Conservation Lost Revenue and Expense Memorandum Account to offset either revenues lost due to conservation or conservation expenses incurred by the Utility. All expenses incurred by the Utility to activate (N)

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SLIP/SUB SHEET

GREAT OAKS WATER COMPANY Original Cal. P.U.C. Sheet No. 772-W
San Jose, California Canceling Cal. P.U.C. Sheet No.

SUPPLEMENT Schedule No. 14.1
MANDATORY WATER CONSERVATION
(continued)

(N)

Rule No. 14.1 and Schedule No. 14.1 that have not been considered in a General Rate Case or other proceeding, shall be recorded in an appropriate memorandum account for disposition as authorized by the Commission. Lost revenues associated with reduced sales as a result of activation of either Tariff Rule No. 14.1 or Schedule No. 14.1 for the Utility shall be tracked and recorded in a memorandum account as authorized by the Commission.

5. No customer shall use Utility-supplied water for non-essential or unauthorized uses, including but not limited to:

a. Use of potable water for more than minimal landscaping, as defined in the landscaping regulations of the jurisdiction or as described in Article 10.8 of the California Government Code in connection with new construction;

b. Excessive use of water: When a utility has notified the customer in writing to repair a broken or defective plumbing, sprinkler, watering, or irrigation system and the customer has failed to effect such repairs within five business days, the utility may install a flow restriction device;

c. Use of potable water that results in flooding or runoff in gutters or streets;

d. Individual private washing of cars with a hose except with the use of a positive action shut-off nozzle. Use of potable water for washing commercial aircraft, cars, buses, boats, trailers, or other commercial vehicles at any time, except at commercial or fleet vehicle or boat washing facilities operated at a fixed location where equipment using water is properly maintained to avoid wasteful use;

e. Use of potable water for washing buildings, structures, driveways, patios, parking lots, tennis courts, or other hard-surfaced areas, except in the cases where health and safety are at risk;

f. Use of potable water to irrigate turf, lawns, gardens, or ornamental landscaping in violation of local ordinances or government-imposed outdoor watering restrictions;

g. Use of potable water for street cleaning with trucks, except for initial wash-down for constr purposes (if street sweeping is not feasible), or to protect the health and safety of the public;

h. Use of potable water for construction purposes, such as consolidation of backfill, dust control, or other uses unless no other source of water or other method can be used;

i. Use of potable water for street cleaning, unless for reasons of health and safety;

(N)

(To be inserted by utility)
Advice Letter No. 245-W-A
Decision No. Res. W-4976; Res. W-5034

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NAME
Vice President and General Counsel
TITLE

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GREAT OAKS WATER COMPANY
San Jose, California

Original Cal. P.U.C. Sheet No. 773-W
Canceling Cal. P.U.C. Sheet No.

Schedule No. 14.1

SUPPLEMENT MANDATORY WATER CONSERVATION
(continued)

(N)

j. Operation of commercial car washes without recycling at least 50% of the potable water used per cycle;

k. Use of potable water for watering outside plants, lawn, landscape, and turf areas in violation of applicable state or local ordinances when this Schedule is in effect;

l. Use of potable water for decorative fountains or the filling or topping off of decorative lakes or ponds in violation of applicable state or local ordinances. Exceptions are made for those decorative fountains, lakes, or ponds that utilize recycled water;

m. Use of potable water for the filling or refilling of swimming pools in violation of applicable state or local ordinances;

n. Service of water by any restaurant except upon the request of a patron; and

o. Use of potable water to flush hydrants, except where required for public health or safety.

I. APPEAL PROCEDURE

1. Any customer who seeks a variance from any of the provisions of this Schedule No. 14.1 shall notify the Utility in writing, explaining in detail all reasons for the requested variance and submitting any evidence the customer wants the Utility to consider related to the requested variance. The Utility shall respond to any such request in writing.

2. If the customer disagrees with the Utility's decision on the requested variance, the customer may file a complaint with the California Public Utilities Commission.

3. Except as set forth in this section, no person shall have any right or claim in law or in equity against the Utility or any of its employees or the California Public Utilities Commission for any action taken or threatened under the provisions of this Schedule No. 14.1. (N)

(To be inserted by utility)
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Issued by
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NAME
Vice President and General Counsel
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9.1.2. Additional Demand Management Measures

Great Oaks does not have the authority to adopt or implement water waste prevention ordinances, but Great Oaks did work with the City of San Jose during the last five years to ensure that Great Oaks' demand management measures were consistent with the City's ordinances pertaining to water waste prevention.

Great Oaks' Tariff Schedule No. 1 General Metered Service Tiered Rates has been in effect in various forms since 2010. The current version of this tariff schedule is provided below. Tiered rates are considered a method of demand management that sends price signals to water users to reduce consumption before usage reaches a higher-priced tier. This tariff schedule is updated/revised on a fairly regular basis.

GREAT OAKS WATER COMPANY — Revised — Cal. P.U.C. Sheet No. 878-W
San Jose, California — Canceling — Revised — Cal. P.U.C. Sheet No. 857-W

Schedule No. 1
GENERAL METERED SERVICE
Tiered Rates
Designed and Ordered by the California Public Utilities Commission

APPLICABILITY
Applicable to all single-family residential services only.

TERRITORY
The area is Southeast San Jose, East of Snell Road and South of Hellyer Park.

RATES

Quantity Rates (Tiered Rates): For all water delivered, per 100 Cu. Ft.	Per Meter/Per Month	
For total bi-monthly usage from 0 to 6 Ccf.	$ 1.3024	(C)(R)
For total bi-monthly usage from 7 to 24 Ccf.	2.6048	(C)(R)
For total bi-monthly usage over 24 Ccf.	3.9723	(C)(I)
Service Charge (Conservation Rates):		
For 5/8x3/4-inch meter	$ 14.91	(I)
For 3/4x3/4-inch meter	22.36	(I)
For 1-inch meter	37.26	(I)
For 1 ½-inch meter	74.53	(I)
For 2-inch meter	119.25	(I)
For 3-inch meter	223.59	(I)
For 4-inch meter	372.65	(I)
For 6-inch meter	745.29	(I)
For 8-inch meter	1,192.47	(I)
For 10-inch meter	1,714.17	(I)
For 12-inch meter	2,459.46	(I)

The Service Charge is a readiness-to-serve charge which is applicable to all metered service and to which is added the charge for water used computed at the Quantity Rates.

(Continued)

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Decision Nos. D.18-12-002; D.19-09-010 — General Counsel (TITLE) — Effective Date: 09/19/2019
Resolution No. _____

9.1.3. Public Education and Outreach.

In 2015, Great Oaks began a partnership with WaterSmart Software (WaterSmart) to provide Water Reports to 10,000 of Great Oaks' single-family residential customers on a pilot-program basis. The WaterSmart program helps Great Oaks engage customers to save water and money. The program goals are to reduce water demand, increase customer satisfaction, awareness, and engagement, simplify program planning, tracking, and analysis, and increase participation in conservation programs. Great Oaks utilizes the WaterSmart program to communicate with customers and provide useful information to help customers conserve/reduce demand.

9.1.4. Programs to Assess and Manage Distribution System Real Loss.

Great Oaks has replaced nearly all of its meters over the past eight (8) years, providing reasonable assurances that its meters are accurately recording water delivered. This significantly reduces meter error as a source of "system loss."

Great Oaks also utilizes leak detection equipment to locate known and unknown leaks. The technology for leak detection equipment has improved, but still fails to locate even known leaks. As the technology improves, Great Oaks will acquire and utilize leak detection equipment to reduce "system loss."

9.1.5. Water Conservation Program Coordination and Staffing Support.

All of Great Oaks' legal, regulatory, and conservation programs designed to reduce water usage, including customer outreach and engagement and coordination with local government agencies, State agencies, and the California Public Utilities Commission, are directed through the office of Great Oaks' Vice President and General Counsel, Legal and Regulatory Affairs, Timothy S. Guster. Mr. Guster has no staff and no budget for conservation programs.

9.1.6. Additional Information on Demand Management Measures.

Great Oaks participates in numerous local government water retailer committees and subcommittees pertaining to conservation communications, demand management measures, landscaping, finance, and retailer relations. Great Oaks encourages its customers to utilize existing programs offered by local government agencies with jurisdictions that encompass Great Oaks' service area, including the following:

- Interior and Exterior Water Audits for Single Family and Multi-Family Customers: Great Oaks advises residential customers regarding Valley Water's free water auditing services. Valley Water communicates with Great Oaks' customers directly through print, television, movie screen and radio

advertising. Valley Water provides customers participating in Valley Water's water auditing services, and Great Oaks, receive a report upon completion.

- Plumbing Retrofit: Great Oaks distributes sink faucet aerators and, when available, low-flow showerheads, provided by Valley Water.
- Distribution System Water Audits, Leak Detection and Repair: Great Oaks constantly monitors its distribution system for leaks.
- Metering with Commodity Rates: All of Great Oaks' accounts are metered.
- Large Landscape Water Audits and Incentives: Valley Water provides irrigation surveys for large landscape customers.
- Landscape Water Conservation Requirements: Most of Great Oaks' service area is within the City of San Jose, which has landscape water conservation requirements for new construction.
- Public Information: Valley Water distributes public information to Great Oaks' customers through its media and outreach programs. Great Oaks' water bills provide year-to-year consumption comparisons alerting customers to any changes in usage patterns.
- School Education: On occasion, Great Oaks provides information to schools within its service area for use in discussing and promoting water conservation and water quality.
- Commercial and Industrial Water Conservation: Valley Water makes water use audits available to commercial and industrial accounts in Great Oaks' service area upon request.
- New Commercial and Industrial Water Use Review: The City of San Jose Building Department and Great Oaks coordinate activities for new commercial and industrial water uses. Great Oaks provides the City of San Jose (or the County of Santa Clara) with a "will serve letter," representing that Great Oaks has reviewed the new construction plans and agrees with the proposed water use of the new commercial or industrial customer.
- Conservation Pricing, Water Service and Sewer Service: Great Oaks has tiered water pricing for single-family residential customers.
- Landscape Water Conservation for New and Existing Single-Family Homes: The City of San Jose maintains a demonstration garden and works with landscape maintenance companies to promote efficient landscaping practices within Great Oaks' service area.
- Water Waste Prohibition: Great Oaks prohibits water waste under CPUC rules and regulations. Great Oaks is authorized to discontinue service to any customer wasting water.
- Water Conservation Coordinator: Great Oaks has not been authorized funding for a water conservation coordinator.

- Financial Incentives: Tiered water rates authorized by the CPUC may provide financial incentives or disincentives to single-family residential customers of Great Oaks, although the extent of such incentives or disincentives is unknown.
- Ultra-low Flush Toilet Replacement: Great Oaks' customers may participate in the Valley Water program for ultra-low flush toilet replacement.

GREAT OAKS WATER COMPANY

Chapter 10 – Plan Adoption, Submittal, and Implementation

This chapter contains information on the public hearing, adoption process for the 2020 UWMP, as well as the submittal process for the UWMP and WSCP. This chapter also confirms that the Great Oaks 2020 UWMP and WSCP were timely submitted.

10.1. Compliance with Water Code Section 10621(b).

Water Code Section 10621(b) provides:

> *Every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days before the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with, and obtain comments from, any city or county that receives notice pursuant to this subdivision.*

Great Oaks' public hearing on its 2020 UWMP was held on June 28, 2021. On March 26, 2021 – more than 60 days before the public hearing on the plan – Great Oaks sent notices to the City of San Jose and Santa Clara County (a city and the county within which Great Oaks provides water supplies) that Great Oaks was reviewing and making revisions to its 2015 UWMP. Copies of the notices are provided in the Appendix to this 2020 UWMP.

Submittal Table 10-1 Retail: Notification to Cities and Counties

City Name	60 Day Notice	Notice of Public Hearing
Add additional rows as needed		
City of San Jose	Yes	Yes
County Name *Drop Down List*	60 Day Notice	Notice of Public Hearing
Add additional rows as needed		
Santa Clara County	Yes	Yes

10.2. Notice of Public Hearing

Water Code Section 10642 provides:

> *Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of both the plan and the water shortage contingency plan. Prior to adopting either, the urban water supplier shall make both the plan and the water shortage contingency plan available for public inspection and shall hold a public hearing or hearings thereon. Prior to any of these hearings, notice of the time and place of the hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of a hearing to any city or county within which the supplier provides water supplies. Notices by a local public agency pursuant to this section shall be provided pursuant to Chapter 17.5 (commencing with Section 7290) of Division 7 of Title 1 of the Government Code. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing or hearings, the plan or water shortage contingency plan shall be adopted as prepared or as modified after the hearing or hearings.*

Great Oaks published notice of its public hearing in the San Jose Mercury News on June 3, 2021 and June 10, 2021. A copy of the notice and proof of publication is provided in the Appendix.

10.3. Public Hearing

The public hearing on Great Oaks' 2020 UWMP was conducted on June 28, 2021. Tim Guster, Great Oaks' Vice President and General Counsel conducted the hearing via Zoom Video Conference. Written comments received by Great Oaks before and during the public hearing are included in the Appendix.

10.4. Adoption of 2020 UWMP

Following the public hearing on Great Oaks' 2020 UWMP, the Great Oaks Board of Directors adopted the 2020 UWMP via Unanimous Consent Resolution, a copy of which is included in the Appendix.

10.5. Submission of Great Oaks Water Company's 2020 Urban Water Management Plan to the California Department of Water Resources

Water Code Section 10621(f) provides:

> *Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.*

Water Code Section 10635(c) provides:

> *The urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan.*

Water Code Section 10644(a) provides:

> *(1) An urban water supplier shall submit to the department, the California State Library, and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. Copies of amendments or changes to the plans shall be submitted to the department, the California State Library, and any city or county within which the supplier provides water supplies within 30 days after adoption.*
>
> *(2) The plan, or amendments to the plan, submitted to the department pursuant to paragraph (1) shall be submitted electronically and shall include any standardized forms, tables, or displays specified by the department.*

Great Oaks submitted its 2020 UWMP to California Department of Water Resources by July 1, 2021 electronically through the Water Use Efficiency (WUE) Portal. Great Oaks also submitted its 2020 UWMP to the City of San Jose and Santa Clara County within the time frame specified in Water Code Sections 10635(c) and 10644(a)(1). Finally, in compliance with Water Code Section 10644(b), Great Oaks timely submitted its 2020 UWMP to the California State Library.

10.6. Public Availability

Water Code Section 10645 provides:

> *(a) Not later than 30 days after filing a copy of its plan with the department, the urban water supplier and the department shall make the plan available for public review during normal business hours.*

> *(b) Not later than 30 days after filing a copy of its water shortage contingency plan with the department, the urban water supplier and the department shall make the plan available for public review during normal business hours.*

An electronic version of Great Oaks Water Company's 2020 Urban Water Management Plan was made available for review by the public on its website: www.greatoakswater.com.

10.7. Notification to California Public Utilities Commission

Water Code Section 10621(c) provides:

> *An urban water supplier regulated by the Public Utilities Commission shall include its most recent plan and water shortage contingency plan as part of the supplier's general rate case filings.*

Great Oaks is including its 2020 UWMP and WSCP in its 2021 General Rate Case filings in compliance with Water Code Section 10621(c).

10.8 Amending an Adopted UWMP or WSCP

In the event Great Oaks' 2020 UWMP or WSCP is amended, Great Oaks will comply with the previously cited procedures for notification, public hearing, adoption, and submittal.

GREAT OAKS WATER COMPANY

GREAT OAKS WATER COMPANY

2020 Urban Water Management Plan

Appendix

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B – Water Code Section 10621(b) Notices

C – Water Code Section 10642 Notice of Public Hearing/Proof of Publication in San Jose Mercury News

D – Great Oaks Water Company Unanimous Consent Resolution Adopting 2020 Urban Water Management Plan

APPENDIX A – Urban Water Management Plan Act Checklist

Retail	Wholesale	2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
x	x	Chapter 1	10615	A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities.	Introduction and Overview	Chapter 1
x	x	Chapter 1	10630.5	Each plan shall include a simple description of the supplier's plan including water availability, future requirements, a strategy for meeting needs, and other pertinent information. Additionally, a supplier may also choose to include a simple description at the beginning of each chapter.	Summary	Section 2.4
x	x	Section 2.2	10620(b)	Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.	Plan Preparation	Section 2.1: Table 2-1
x	x	Section 2.6	10620(d)(2)	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	Plan Preparation	Section 2.2
x	x	Section 2.6.2	10642	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan and contingency plan.	Plan Preparation	Section 2.2
x		Section 2.6, Section 6.1	10631(h)	Retail suppliers will include documentation that they have provided their wholesale supplier(s) - if any - with water use projections from that source.	System Supplies	Section 2.2.1; Table 2-4
	x	Section 2.6	10631(h)	Wholesale suppliers will include documentation that they have provided their urban water suppliers with identification and quantification of the existing and planned sources of water available from the wholesale to the urban supplier during various water year types.	System Supplies	N/A
x	x	Section 3.1	10631(a)	Describe the water supplier service area.	System Description	Sections 3.1, 3.2
x	x	Section 3.3	10631(a)	Describe the climate of the service area of the supplier.	System Description	Section 3.3

APPENDIX A – Urban Water Management Plan Act Checklist

x	x	Section 3.4	10631(a)	Provide population projections for 2025, 2030, 2035, 2040 and optionally 2045.	System Description	Section 3.4; Table 3-1
x	x	Section 3.4.2	10631(a)	Describe other social, economic, and demographic factors affecting the supplier's water management planning.	System Description	Sections 4.2, 4.4
x	x	Sections 3.4 and 5.4	10631(a)	Indicate the current population of the service area.	System Description and Baselines and Targets	Section 3.4; Table 3-1
x	x	Section 3.5	10631(a)	Describe the land uses within the service area.	System Description	Sections 4.1, 4.2
x	x	Section 4.2	10631(d)(1)	Quantify past, current, and projected water use, identifying the uses among water use sectors.	System Water Use	Sections 4.1, 4.2; Tables 4-1, 4-2
x	x	Section 4.2.4	10631(d)(3)(C)	Retail suppliers shall provide data to show the distribution loss standards were met.	System Water Use	Section 4.3; Table 4-4
x	x	Section 4.2.6	10631(d)(4)(A)	In projected water use, include estimates of water savings from adopted codes, plans and other policies or laws.	System Water Use	Section 4.4; Table 4-5
x	x	Section 4.2.6	10631(d)(4)(B)	Provide citations of codes, standards, ordinances, or plans used to make water use projections.	System Water Use	Section 4.4
x	optional	Section 4.3.2.4	10631(d)(3)(A)	Report the distribution system water loss for each of the 5 years preceding the plan update.	System Water Use	Section 4.3; Table 4-4
x	optional	Section 4.4	10631.1(a)	Include projected water use needed for lower income housing projected in the service area of the supplier.	System Water Use	Section 4.4.1
x	x	Section 4.5	10635(b)	Demands under climate change considerations must be included as part of the drought risk assessment.	System Water Use	Section 4.6
x		Chapter 5	10608.20(e)	Retail suppliers shall provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	Baselines and Targets	Chapter 5
x		Chapter 5	10608.24(a)	Retail suppliers shall meet their water use target by December 31, 2020.	Baselines and Targets	Section 5.4; Table 5-2
	x	Section 5.1	10608.36	Wholesale suppliers shall include an assessment of present and proposed future measures, programs, and policies to help their retail water suppliers achieve targeted water use reductions.	Baselines and Targets	N/A

APPENDIX A – Urban Water Management Plan Act Checklist

x		Section 5.2	10608.24(d)(2)	If the retail supplier adjusts its compliance GPCD using weather normalization, economic adjustment, or extraordinary events, it shall provide the basis for, and data supporting the adjustment.	Baselines and Targets	Section 5.1
x		Section 5.5	10608.22	Retail suppliers' per capita daily water use reduction shall be no less than 5 percent of base daily per capita water use of the 5 year baseline. This does not apply if the suppliers base GPCD is at or below 100.	Baselines and Targets	Section 5.4
x		Section 5.5 and Appendix E	10608.4	Retail suppliers shall report on their compliance in meeting their water use targets. The data shall be reported using a standardized form in the SBX7-7 2020 Compliance Form.	Baselines and Targets	Section 5.4; Table 5-2
x	x	Sections 6.1 and 6.2	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought.	System Supplies	Chapters 6 and 7
x	x	Sections 6.1	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought, *including changes in supply due to climate change.*	System Supplies	Section 7.2
x	x	Section 6.1	10631(b)(2)	When multiple sources of water supply are identified, describe the management of each supply in relationship to other identified supplies.	System Supplies	N/A
x	x	Section 6.1.1	10631(b)(3)	Describe measures taken to acquire and develop planned sources of water.	System Supplies	Section 6.4
x	x	Section 6.2.8	10631(b)	Identify and quantify the existing and planned sources of water available for 2020, 2025, 2030, 2035, 2040 and optionally 2045.	System Supplies	Section 6.4; Tables 6-8, 6-9
x	x	Section 6.2	10631(b)	Indicate whether groundwater is an existing or planned source of water available to the supplier.	System Supplies	Section 6.4; Tables 6-8, 6-9
x	x	Section 6.2.2	10631(b)(4)(A)	Indicate whether a groundwater sustainability plan or groundwater management plan has been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	System Supplies	Section 6.1
x	x	Section 6.2.2	10631(b)(4)(B)	Describe the groundwater basin.	System Supplies	Section 6.2

APPENDIX A – Urban Water Management Plan Act Checklist

x	x	Section 6.2.2	10631(b)(4)(B)	Indicate if the basin has been adjudicated and include a copy of the court order or decree and a description of the amount of water the supplier has the legal right to pump.	System Supplies	Section 6.2
x	x	Section 6.2.2.1	10631(b)(4)(B)	For unadjudicated basins, indicate whether or not the department has identified the basin as a high or medium priority. Describe efforts by the supplier to coordinate with sustainability or groundwater agencies to achieve sustainable groundwater conditions.	System Supplies	Section 6.2
x	x	Section 6.2.2.4	10631(b)(4)(C)	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	System Supplies	Section 6.3; Table 6-1
x	x	Section 6.2.2	10631(b)(4)(D)	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	System Supplies	Section 6.4; Chapter 7
x	x	Section 6.2.7	10631(c)	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	System Supplies	Section 6.3.1
x	x	Section 6.2.5	10633(b)	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	System Supplies (Recycled Water)	Section 6.3.1
x	x	Section 6.2.5	10633(c)	Describe the recycled water currently being used in the supplier's service area.	System Supplies (Recycled Water)	Section 6.3.1
x	x	Section 6.2.5	10633(d)	Describe and quantify the potential uses of recycled water and provide a determination of the technical and economic feasibility of those uses.	System Supplies (Recycled Water)	Section 6.3.1
x	x	Section 6.2.5	10633(e)	Describe the projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	System Supplies (Recycled Water)	Section 6.3.1
x	x	Section 6.2.5	10633(f)	Describe the actions which may be taken to encourage the use of recycled water and the projected results of these actions in terms of acre-feet of recycled water used per year.	System Supplies (Recycled Water)	Section 6.3.1
x	x	Section 6.2.5	10633(g)	Provide a plan for optimizing the use of recycled water in the supplier's service area.	System Supplies (Recycled Water)	Section 6.3.1
x	x	Section 6.2.6	10631(g)	Describe desalinated water project opportunities for long-term supply.	System Supplies	Section 6.3.1

APPENDIX A – Urban Water Management Plan Act Checklist

x	x	Section 6.2.5	10633(a)	Describe the wastewater collection and treatment systems in the supplier's service area with quantified amount of collection and treatment and the disposal methods.	System Supplies (Recycled Water)	Section 6.3.1; Tables 6-2, 6-3
x	x	Section 6.2.8, Section 6.3.7	10631(f)	Describe the expected future water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry, and for a period of drought lasting 5 consecutive water years.	System Supplies	Section 6.3.1; Table 6-7
x	x	Section 6.4 and Appendix O	10631.2(a)	The UWMP must include energy information, as stated in the code, that a supplier can readily obtain.	System Suppliers, Energy Intensity	Section 6.5; Table 6-10
x	x	Section 7.2	10634	Provide information on the quality of existing sources of water available to the supplier and the manner in which water quality affects water management strategies and supply reliability	Water Supply Reliability Assessment	Section 7.1
x	x	Section 7.2.4	10620(f)	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	Water Supply Reliability Assessment	Section 7.1
x	x	Section 7.3	10635(a)	Service Reliability Assessment: Assess the water supply reliability during normal, dry, and a drought lasting five consecutive water years by comparing the total water supply sources available to the water supplier with the total projected water use over the next 20 years.	Water Supply Reliability Assessment	Section 7.3; Table 7-5
x	x	Section 7.3	10635(b)	Provide a drought risk assessment as part of information considered in developing the demand management measures and water supply projects.	Water Supply Reliability Assessment	Section 7.3; Table 7-5
x	x	Section 7.3	10635(b)(1)	Include a description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts 5 consecutive years.	Water Supply Reliability Assessment	Section 7.3.1
x	x	Section 7.3	10635(b)(2)	Include a determination of the reliability of each source of supply under a variety of water shortage conditions.	Water Supply Reliability Assessment	Section 7.3.1
x	x	Section 7.3	10635(b)(3)	Include a comparison of the total water supply sources available to the water supplier with the total projected water use for the drought period.	Water Supply Reliability Assessment	Table 7-5

APPENDIX A – Urban Water Management Plan Act Checklist

x	x	Section 7.3	10635(b)(4)	Include considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.	Water Supply Reliability Assessment	Section 7.3; Table 7-5
x	x	Chapter 8	10632(a)	Provide a water shortage contingency plan (WSCP) with specified elements below.	Water Shortage Contingency Planning	Chapter 8
x	x	Chapter 8	10632(a)(1)	Provide the analysis of water supply reliability (from Chapter 7 of Guidebook) in the WSCP	Water Shortage Contingency Planning	Section 7.3
x	x	Section 8.10	10632(a)(10)	Describe reevaluation and improvement procedures for monitoring and evaluation the water shortage contingency plan to ensure risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented.	Water Shortage Contingency Planning	Section 7.3.1
x	x	Section 8.2	10632(a)(2)(A)	Provide the written decision-making process and other methods that the supplier will use each year to determine its water reliability.	Water Shortage Contingency Planning	Section 8.1; Table 8-1
x	x	Section 8.2	10632(a)(2)(B)	Provide data and methodology to evaluate the supplier's water reliability for the current year and one dry year pursuant to factors in the code.	Water Shortage Contingency Planning	Section 8.2
x	x	Section 8.3	10632(a)(3)(A)	Define six standard water shortage levels of 10, 20, 30, 40, 50 percent shortage and greater than 50 percent shortage. These levels shall be based on supply conditions, including percent reductions in supply, changes in groundwater levels, changes in surface elevation, or other conditions. The shortage levels shall also apply to a catastrophic interruption of supply.	Water Shortage Contingency Planning	Section 8.1; Table 8-1
x	x	Section 8.3	10632(a)(3)(B)	Suppliers with an existing water shortage contingency plan that uses different water shortage levels must cross reference their categories with the six standard categories.	Water Shortage Contingency Planning	N/A
x	x	Section 8.4	10632(a)(4)(A)	Suppliers with water shortage contingency plans that align with the defined shortage levels must specify locally appropriate supply augmentation actions.	Water Shortage Contingency Planning	Section 8.2; Table 8-2; Section 9.1
x	x	Section 8.4	10632(a)(4)(B)	Specify locally appropriate demand reduction actions to adequately respond to shortages.	Water Shortage Contingency Planning	Section 8.2; Table 8-2; Section 9.1

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x	x	Section 8.4	10632(a)(4)(C)	Specify locally appropriate operational changes.	Water Shortage Contingency Planning	Section 8.2; Table 8-2; Section 9.1
x	x	Section 8.4	10632(a)(4)(D)	Specify additional mandatory prohibitions against specific water use practices that are in addition to state-mandated prohibitions are appropriate to local conditions.	Water Shortage Contingency Planning	Section 8.2; Table 8-2; Section 9.1
x	x	Section 8.4	10632(a)(4)(E)	Estimate the extent to which the gap between supplies and demand will be reduced by implementation of the action.	Water Shortage Contingency Planning	Sections 8.2, 8.3
x	x	Section 8.4.6	10632.5	The plan shall include a seismic risk assessment and mitigation plan.	Water Shortage Contingency Plan	Section 8.2
x	x	Section 8.5	10632(a)(5)(A)	Suppliers must describe that they will inform customers, the public and others regarding any current or predicted water shortages.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.5 and 8.6	10632(a)(5)(B) 10632(a)(5)(C)	Suppliers must describe that they will inform customers, the public and others regarding any shortage response actions triggered or anticipated to be triggered and other relevant communications.	Water Shortage Contingency Planning	Section 8.3
x		Section 8.6	10632(a)(6)	Retail supplier must describe how it will ensure compliance with and enforce provisions of the WSCP.	Water Shortage Contingency Planning	Section 9.1.1
x		Section 8.7	10632(a)(7)(A)	Describe the legal authority that empowers the supplier to enforce shortage response actions.	Water Shortage Contingency Planning	Section 9.1.2
x	x	Section 8.7	10632(a)(7)(B)	Provide a statement that the supplier will declare a water shortage emergency Water Code Chapter 3.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.7	10632(a)(7)(C)	Provide a statement that the supplier will coordinate with any city or county within which it provides water for the possible proclamation of a local emergency.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.8	10632(a)(8)(A)	Describe the potential revenue reductions and expense increases associated with activated shortage response actions.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.8	10632(a)(8)(B)	Provide a description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions.	Water Shortage Contingency Planning	Section 8.3
x		Section 8.8	10632(a)(8)(C)	Retail suppliers must describe the cost of compliance with Water Code Chapter 3.3: Excessive Residential Water Use During Drought	Water Shortage Contingency Planning	Section 9.1.1

APPENDIX A – Urban Water Management Plan Act Checklist

x		Section 8.9	10632(a)(9)	Retail suppliers must describe the monitoring and reporting requirements and procedures that ensure appropriate data is collected, tracked, and analyzed for purposes of monitoring customer compliance.	Water Shortage Contingency Planning	Section 9.1.1
x		Section 8.11	10632(b)	Analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas.	Water Shortage Contingency Planning	Section 9.1.1
x	x	Sections 8.12 and 10.4	10635(c)	Provide supporting documentation that Water Shortage Contingency Plan has been, or will be, provided to any city or county within which it provides water, no later than 30 days after the submission of the plan to DWR.	Plan Adoption, Submittal, and Implementation	Section 10.5
x	x	Section 8.12	10632(c)	Make available the Water Shortage Contingency Plan to customers and any city or county where it provides water within 30 after adopted the plan.	Water Shortage Contingency Planning	Section 10.6
	x	Sections 9.1 and 9.3	10631(e)(2)	Wholesale suppliers shall describe specific demand management measures listed in code, their distribution system asset management program, and supplier assistance program.	Demand Management Measures	N/A
x		Sections 9.2 and 9.3	10631(e)(1)	Retail suppliers shall provide a description of the nature and extent of each demand management measure implemented over the past five years. The description will address specific measures listed in code.	Demand Management Measures	Section 9.1.1
x		Chapter 10	10608.26(a)	Retail suppliers shall conduct a public hearing to discuss adoption, implementation, and economic impact of water use targets (recommended to discuss compliance).	Plan Adoption, Submittal, and Implementation	Section 10.2; Appendix C
x	x	Section 10.2.1	10621(b)	Notify, at least 60 days prior to the public hearing, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. Reported in Table 10-1.	Plan Adoption, Submittal, and Implementation	Section 10.1; Table 10-1
x	x	Section 10.4	10621(f)	Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.	Plan Adoption, Submittal, and Implementation	Section 10.5

APPENDIX A – Urban Water Management Plan Act Checklist

x	x	Sections 10.2.2, 10.3, and 10.5	10642	Provide supporting documentation that the urban water supplier made the plan and contingency plan available for public inspection, published notice of the public hearing, and held a public hearing about the plan and contingency plan.	Plan Adoption, Submittal, and Implementation	Chapter 10; Appendicies A and B
x	x	Section 10.2.2	10642	The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water.	Plan Adoption, Submittal, and Implementation	Section 10.2; Appendix C
x	x	Section 10.3.2	10642	Provide supporting documentation that the plan and contingency plan has been adopted as prepared or modified.	Plan Adoption, Submittal, and Implementation	Section 10.4; Appendix D
x	x	Section 10.4	10644(a)	Provide supporting documentation that the urban water supplier has submitted this UWMP to the California State Library.	Plan Adoption, Submittal, and Implementation	Section 10.5
x	x	Section 10.4	10644(a)(1)	Provide supporting documentation that the urban water supplier has submitted this UWMP to any city or county within which the supplier provides water no later than 30 days after adoption.	Plan Adoption, Submittal, and Implementation	Section 10.5
x	x	Sections 10.4.1 and 10.4.2	10644(a)(2)	The plan, or amendments to the plan, submitted to the department shall be submitted electronically.	Plan Adoption, Submittal, and Implementation	Section 10.5
x	x	Section 10.5	10645(a)	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Section 10.5; see also www.greatoakswater.com
x	x	Section 10.5	10645(b)	Provide supporting documentation that, not later than 30 days after filing a copy of its water shortage contingency plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Section 10.5; see also www.greatoakswater.com
x	x	Section 10.6	10621(c)	If supplier is regulated by the Public Utilities Commission, include its plan and contingency plan as part of its general rate case filings.	Plan Adoption, Submittal, and Implementation	Section 10.7
x	x	Section 10.7.2	10644(b)	If revised, submit a copy of the water shortage contingency plan to DWR within 30 days of adoption.	Plan Adoption, Submittal, and Implementation	Section 10.8

Appendix B

Water Code Section 10621(b) Notices

GREAT OAKS WATER COMPANY

P. O. Box 23490
San Jose, California 95153
(408) 227-9540

March 26, 2021

City of San José
Jeff Provenzano
Deputy Director
San Jose Municipal Water System
3025 Tuers Road
San José, CA 95121

RE: NOTICE OF PREPARATION OF URBAN WATER MANAGEMENT PLAN

Dear Mr. Provenzano:

Great Oaks Water Company (Great Oaks) is updating its Urban Water Management Plan as required under relevant provisions of the California Water Code. Revisions to Great Oaks' 2015 Urban Water Management Plan are being made and you are invited to participate in this process.

Great Oaks will make proposed revisions to its 2015 Urban Water Management Plan available for public review and will hold a public meeting in June of this year. In the meantime, if you have any questions, please contact the undersigned directly.

Great Oaks Water Company

Timothy S. Guster
Vice President and General Counsel
Legal and Regulatory Affairs

GREAT OAKS WATER COMPANY

P. O. Box 23490
San Jose, California 95153
(408) 227-9540

March 26, 2021

Santa Clara Valley Water District
Aaron Baker
Chief Operating Officer, Water Utility
Water Supply Division
5750 Almaden Expressway
San José, CA 95118-3614

RE: NOTICE OF PREPARATION OF URBAN WATER MANAGEMENT PLAN

Dear Mr. Baker:

Great Oaks Water Company (Great Oaks) is updating its Urban Water Management Plan as required under relevant provisions of the California Water Code. Revisions to Great Oaks' 2015 Urban Water Management Plan are being made and you are invited to participate in this process.

Great Oaks will make proposed revisions to its 2015 Urban Water Management Plan available for public review and will hold a public meeting in June of this year. In the meantime, if you have any questions, please contact the undersigned directly.

Great Oaks Water Company

Timothy S. Guster
Vice President and General Counsel
Legal and Regulatory Affairs

GREAT OAKS WATER COMPANY

P. O. Box 23490
San Jose, California 95153
(408) 227-9540

March 26, 2021

County of Santa Clara
Department of Planning and Development
70 West Hedding Street
7th Floor East Wing
San José, CA 95110

RE: NOTICE OF PREPARATION OF URBAN WATER MANAGEMENT PLAN

Dear Sir or Madam:

Great Oaks Water Company (Great Oaks) is updating its Urban Water Management Plan as required under relevant provisions of the California Water Code. Revisions to Great Oaks' 2015 Urban Water Management Plan are being made and you are invited to participate in this process.

Great Oaks will make proposed revisions to its 2015 Urban Water Management Plan available for public review and will hold a public meeting in June of this year. In the meantime, if you have any questions, please contact the undersigned directly.

Great Oaks Water Company

Timothy S. Guster
Vice President and General Counsel
Legal and Regulatory Affairs

Appendix C

Water Code Section 10632 Notice of Public Hearing

and Proof of Publication

Notice of Public Hearing for Great Oaks Water Company's 2020 Urban Water Management Plan and Water Shortage Contingency Plan

In compliance with California Water Code Section 10642, Great Oaks Water Company (Great Oaks) is conducting a public hearing to receive input on its 2020 Urban Water Management Plan (UWMP) and Water Shortage Contingency Plan (WSCP). Great Oaks last updated its UWMP in 2015.

The UWMP is developed as a reliable water management action plan to be used as water supply conditions and demands change. The UWMP provides a detailed look at current and future water use and water supplies under normal and dry conditions. The WSCP identifies specific opportunities to reduce demand and augment supplies under numerous water shortage conditions.

The public hearing for Great Oaks' UWMP and WSCP will be held virtually via Zoom on June 28, 2021 at 11:00 a.m. Interested members of the public are invited to participate in the review process by providing any comments prior to, or at, the public hearing. To connect to the hearing, please use this link: https://zoom.us/j/97934385782?pwd=Vkkza0liK09jZlhXZGRKMUxLd21LZz09. The meeting ID is 979 3438 5782 and the Password is vbVhg1.

For more information about the public hearing or the 2020 UWMP and WSCP, please visit www.greatoakswater.com or contact Tim Guster at (408) 227-9540 or tguster@greatoakswater.com. The UWMP and WSCP will be posted on the Great Oaks home page for review approximately two weeks before the public hearing. Any additional information about the public hearing will also be posted on Great Oaks' website.

San Jose Mercury News
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1003612

GREAT OAKS WATER CO
PO BOX 23490
SAN JOSE, CA 951530000

PROOF OF PUBLICATION
IN THE CITY OF SAN JOSE
IN THE STATE OF CALIFORNIA
COUNTY OF SANTA CLARA

In the matter of **FILE NO. T.Guster:Hearing-2020 Urban Water Mgmt Plan**
San Jose Mercury News

The undersigned, being first duly sworn, deposes and says: That at all times hereinafter mentioned affiant was and still is a citizen of the United States, over the age of eighteen years, and not a party to or interested in the above entitled proceedings; and was at and during all said times and still is the principal clerk of the printer and publisher of the San Jose Mercury News, a newspaper of general circulation printed and published daily in the City of San Jose, County of Santa Clara, State of California as determined by the court's decree dated June 27, 1952, Case Numbers 84096 and 84097, and that said San Jose Mercury News is and was at all times herein mentioned a newspaper of general circulation as that term is defined by Sections 6000; that at all times said newspaper has been established, printed and published in the said County and State at regular intervals for more than one year preceding the first publication of the notice herein mentioned. Said decree has not been revoked, vacated or set aside.

I declare that the notice, of which the annexed is a true printed copy, has been published in each regular or entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

06/03/2021, 06/10/2021

Dated at San Jose, California
June 10, 2021

I declare under penalty of perjury that the foregoing is true and correct.

Principal clerk of the printer and publisher of the San Jose Mercury News

Legal No. **0006580884**

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SJMN#6580884; June 3,10,2021

Appendix D

Great Oaks Water Company

Unanimous Consent Resolution Adopting

2020 Urban Water Management Plan

UNANIMOUS WRITTEN CONSENT OF DIRECTORS
TO CORPORATE ACTION

We, John Roeder, Adele Wilson, and Jared Ajlouny, are all members of, and together constitute, the Board of Directors of Great Oaks Water Company ("corporation"), and by this writing approve the following resolution and consent to its adoption:

Resolved, Great Oaks Water Company's 2020 Urban Water Management Plan (2020 UWMP) is approved and adopted. Timothy S. Guster, Vice President and General Counsel, is authorized to submit the 2020 UWMP according to statutory and regulatory requirements.

This consent is executed pursuant to subdivision (b) of Section 307 of the California Corporations Code and is to be filed with the minutes of Board proceedings of the corporation.

Dated: June 29, 2021

John Roeder

Dated: June 29, 2021

Adele Wilson

Adele Wilson

Dated: June 29, 2021

Jared Ajlouny

Jared Ajlouny